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SpecType

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comment

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8.2226447	57.1848693	6.1957	0.0203	21.223	0.016	-1.272
56.0012213	24.5567929	7.4124	0.0278	20.535	0.032	-46.190
96.0187608	35.7443786	2.4377	0.0201	-3.745	0.022	-1.899
90.3004952	35.2727256	3.6526	0.0868	-6.531	0.071	-12.457
84.5637944	-4.1083321	10.5763	0.0259	15.676	0.025	-22.311
51.5443744	48.2216334	5.8259	0.0243	23.455	0.025	-25.971
69.5399012	12.5107709	22.0310	0.1920	104.695	0.251	-14.861
318.5415734	38.6717069	1.7771	0.0155	0.912	0.014	-3.683
98.6528088	8.3743400	0.6940	0.0194	0.660	0.025	-3.806
67.2094899	13.0475358	20.7158	0.0899	104.066	0.121	-14.900
40.8152505	42.9522958	2.0035	0.0223	0.537	0.028	-5.942
114.0411512	-14.6715067	2.0879	0.0193	-7.153	0.018	1.116
67.6406213	16.1939007	22.1875	0.1430	104.889	0.163	-25.446
155.4510232	-51.8361373	2.0778	0.0144	-15.003	0.015	-0.568
72.2220000	52.5175143	3.3489	0.0253	9.681	0.026	-17.168
344.1432368	59.4622502	2.4042	0.0128	4.739	0.014	-2.399
95.9286046	28.5876465	1.4481	0.0210	0.539	0.022	-2.965
129.8186965	-52.3137332	6.6003	0.0365	-23.712	0.043	22.471
97.0509336	29.6310326	2.0869	0.0248	-6.627	0.029	-3.866
276.8802784	6.5477770	2.5264	0.0453	1.309	0.053	-2.446
166.5465282	-58.7664118	2.0579	0.0188	-10.438	0.022	5.725
83.4655195	-0.0767818	3.1016	0.0267	-2.940	0.023	-4.521
256.4452486	-70.3982003	4.6000	0.0138	-13.840	0.010	-13.250
61.9777697	16.5305537	5.7263	0.0259	-2.851	0.031	-13.298
200.9855604	54.9216899	40.2803	0.2850	114.529	0.242	-26.887
148.3980205	-64.1922666	4.6279	0.0135	-29.473	0.015	23.611
276.7649137	6.4315277	2.5709	0.0193	1.067	0.019	-2.251
101.5886102	-20.8562021	1.3773	0.0193	-4.164	0.011	-1.247
101.8197092	40.8376834	1.9281	0.0200	-2.913	0.018	-8.070
301.3230799	26.5145435	2.2072	0.0162	1.858	0.011	-9.878
130.0752332	19.5319360	5.4103	0.0308	-36.251	0.031	-12.118
155.2737049	55.5679406	3.7723	0.1413	7.364	0.123	2.319
100.8369279	2.7680936	3.3414	0.0177	-11.058	0.018	-6.281
62.7119203	22.2135641	1.3766	0.0165	-1.071	0.020	-2.540
268.6398876	-34.7488147	3.5531	0.0215	2.746	0.022	-5.463
103.4114695	3.4021039	0.7250	0.0164	-0.727	0.016	-3.355
276.8712728	6.5890233	2.5422	0.0164	1.278	0.020	-1.813
102.0865364	-43.0562229	6.7924	0.0585	-7.482	0.066	-3.171
318.3706883	7.1673804	10.4643	0.0421	25.015	0.040	-4.624
9.2216533	33.7094240	5.7390	0.0267	13.477	0.024	-2.304
308.2266191	43.3721928	2.0821	0.0146	3.067	0.016	-0.370
130.0862812	19.6866771	5.4152	0.0381	-35.687	0.040	-12.851
119.6335566	-60.8975159	2.4256	0.0223	-4.763	0.027	11.821
81.3680702	33.7312760	0.9061	0.0335	-0.343	0.037	-6.828
110.0180836	4.1806130	2.2598	0.0228	-6.506	0.027	-5.395
266.2536777	5.5228616	3.0327	0.0172	-0.962	0.020	-8.555
99.0311254	19.5584168	4.8152	0.1853	2.476	0.183	-10.118
299.8267526	29.5818085	1.3886	0.0173	-0.775	0.016	-8.221

maybe

123.1797863	-5.5885269	1.3380	0.0359	-1.472	0.036	0.885
57.4206048	23.3413696	7.3159	0.0408	18.733	0.041	-45.133
166.3869425	-58.7304889	2.1127	0.0302	-10.374	0.033	5.009
84.0430257	-28.7080270	17.0976	0.0213	25.317	0.018	-3.042
123.4956633	-5.8444906	1.3164	0.0179	-1.379	0.018	0.839
48.9848934	35.7083304	1.5289	0.0158	-2.088	0.017	-1.365
105.6145786	2.0386946	3.3671	0.0227	-13.217	0.025	-4.760
102.9156344	0.6911746	1.1630	0.0173	-1.212	0.016	-2.186
63.8376384	51.3574979	0.9604	0.0153	1.950	0.017	-2.400
101.9566509	48.2979088	2.4262	0.0737	-5.330	0.063	-6.594
105.0466209	45.2438016	2.3078	0.0169	-5.124	0.017	-6.192
101.8882998	40.9035345	1.9637	0.0195	-3.094	0.020	-8.128
282.5289754	33.3853348	3.4897	0.0133	1.416	0.013	-3.963
65.5151802	14.0771033	22.0269	0.0747	113.774	0.101	-21.321
268.6130332	-34.4667470	3.5372	0.0576	3.608	0.049	-5.273
67.6625158	15.6917697	21.8684	0.0700	103.488	0.098	-24.354
82.2112140	35.7567316	0.8692	0.0211	1.574	0.021	-4.467
339.2622458	30.5902947	2.8156	0.0560	-8.125	0.041	-3.962
129.9905403	19.5414206	5.4033	0.0449	-35.285	0.043	-13.047
312.6906816	33.8104798	1.1845	0.0601	3.211	0.049	-2.018
82.4056888	35.7455024	0.8790	0.0178	1.613	0.016	-4.388
0.2836889	35.7466426	2.7872	0.0200	-4.847	0.023	-13.021
101.5406853	-20.5909380	1.4064	0.0217	-4.344	0.012	-1.360
320.9871041	36.1785659	1.4929	0.0163	1.531	0.013	-2.611
266.2739816	-47.1801162	4.8322	0.0200	10.137	0.019	-9.074
294.3534167	45.7169052	0.7793	0.0113	-0.429	0.013	-0.425
114.0608350	-14.5697928	2.1070	0.0170	-7.069	0.015	1.180
276.6132965	6.5269972	2.5554	0.0150	1.387	0.014	-1.886
95.5559700	-3.1832443	0.6613	0.0214	-1.537	0.020	1.638
84.0244668	-0.3282122	2.6963	0.0313	-1.358	0.028	-0.647
322.9565256	48.4817405	3.3626	0.0156	-7.156	0.016	-19.587
307.2064786	40.6490051	2.8399	0.0147	6.099	0.014	2.164
102.7756849	6.2259527	1.1032	0.0139	-1.399	0.014	-3.064
95.7174856	21.0862874	0.6680	0.0267	-0.745	0.029	-4.279
185.3613539	24.9969855	11.5581	0.0459	-12.021	0.045	-9.405
109.0145370	-0.9356220	1.1871	0.0191	-1.949	0.018	0.129
130.1123709	19.5447584	5.3836	0.0474	-36.293	0.044	-12.133
56.8518214	23.9144779	7.2210	0.0344	20.049	0.042	-44.133
96.8536740	35.9921193	0.8326	0.0174	-0.483	0.018	-3.579
166.2297461	-58.7495915	2.0733	0.0233	-10.485	0.026	5.494
107.0573116	6.6263542	0.9392	0.0255	-1.643	0.030	-2.480
66.3729376	17.9277687	21.0865	0.1381	107.316	0.193	-31.000
313.6085216	48.9298259	6.2325	0.0175	13.176	0.021	2.686
95.9643105	36.9589217	1.6942	0.0240	-2.398	0.027	-2.511
266.6517539	6.1205852	2.9503	0.0380	-0.997	0.035	-8.567
328.4697609	62.6345181	1.0974	0.0117	-3.484	0.014	-1.445
278.1021588	-48.8721216	2.2001	0.0234	5.109	0.023	-20.095
300.7165223	29.8218202	1.2532	0.0147	-0.991	0.011	-7.553
101.7015582	40.3880319	1.9415	0.0195	-2.930	0.022	-8.080
95.1953803	46.7643466	1.5956	0.0173	0.952	0.016	-0.563
92.5262050	14.2627143	4.5855	0.0314	5.630	0.033	-16.131

166.1991169	-58.6587226	2.1222	0.0135	-10.091	0.014	5.272
85.1237302	30.6047319	1.7505	0.0364	-2.364	0.043	-4.260
349.8524638	50.8710221	1.3367	0.0173	-0.427	0.016	-3.287
247.2651246	-70.5023680	4.0919	0.0181	-13.701	0.011	-9.328
102.0365986	41.2106119	2.0030	0.0164	-2.991	0.017	-8.397
114.6223540	21.5752651	0.4094	0.0182	-1.294	0.020	-2.001
333.9723170	53.9673353	0.2701	0.0125	-3.348	0.013	-3.375
71.3545527	55.0831281	1.6213	0.0219	-0.771	0.023	-1.243
22.0929636	48.7787836	1.1362	0.0191	-5.824	0.018	-2.520
101.8075680	41.6246085	1.9902	0.0157	-2.840	0.018	-8.516
82.1735457	36.0203092	0.8620	0.0180	1.624	0.019	-4.525
93.6525855	11.5697724	0.7173	0.0262	0.038	0.023	-2.923
130.0475531	19.9710744	5.3784	0.0417	-35.154	0.042	-13.463
120.6464289	2.2884898	1.6011	0.0205	-7.618	0.022	-1.000
323.0610218	48.6394144	3.2910	0.0265	-7.428	0.028	-19.568
78.0981420	16.8156950	0.5433	0.0177	0.452	0.018	-1.039
90.1208363	45.5489858	4.8436	0.0276	-4.281	0.028	-7.615
65.8549302	16.7771475	20.7950	0.0709	106.971	0.099	-26.247
79.6636483	37.1020915	1.8586	0.0217	-0.513	0.023	-9.087
91.9262090	14.3488442	1.2765	0.0149	-1.185	0.018	-4.697
91.9583348	20.2636723	1.2556	0.0172	-0.479	0.021	-2.536
94.9764006	23.1494468	0.7705	0.0216	1.726	0.025	-4.795
343.2246376	46.7638376	1.3720	0.0122	0.489	0.011	-1.762
294.1465224	45.1286354	0.7641	0.0272	-0.488	0.033	-0.473
57.1829904	23.2596150	7.3189	0.0310	19.294	0.039	-44.885
348.2605527	60.3591008	3.1619	0.0160	14.228	0.016	1.768
85.7935607	56.5373603	2.1065	0.0191	-3.225	0.019	-3.831
79.5087328	-68.3553530	2.4601	0.0143	1.872	0.017	12.819
321.6688391	48.5798743	3.3997	0.0118	-7.311	0.012	-20.221
337.4247597	48.8894775	1.8838	0.0408	2.250	0.039	0.052
109.1497770	-46.2379733	3.5761	0.0185	-9.521	0.023	12.143
166.7133568	-58.7067673	2.0715	0.0239	-10.812	0.025	5.577
76.6219461	57.8945812	4.4226	0.0160	-6.944	0.013	-16.437
48.3292488	47.7958769	1.1758	0.0167	-2.112	0.017	-2.861
79.6859252	-67.6593861	2.4262	0.0171	1.573	0.021	13.036
106.9974209	19.9607941	0.3161	0.0259	-1.316	0.026	-0.768
350.7265911	58.0137669	3.1290	0.0109	14.762	0.011	-0.074
298.6115377	25.7982922	1.7728	0.0198	2.365	0.015	-2.273
44.5602966	47.4188791	1.9417	0.0314	1.616	0.031	-7.342
15.1510336	55.5218621	0.6684	0.0253	-4.431	0.016	-2.094
294.3626714	46.3815420	0.8557	0.0110	-3.362	0.012	-8.912
67.0082841	-42.7538455	5.7222	0.0278	-21.646	0.031	6.326
82.1317653	34.4829171	0.7743	0.0160	-1.303	0.018	-4.735
79.1861549	-67.5435137	2.4379	0.0130	1.728	0.015	12.891
265.8472845	-47.5646483	4.8175	0.0252	9.592	0.029	-9.335
293.6774545	28.2774698	1.0773	0.0125	1.133	0.011	-1.055
123.2285731	-5.6797915	1.3298	0.0182	-1.559	0.017	1.201
56.8307004	24.1389201	7.2693	0.0278	19.017	0.032	-43.928
301.0804734	44.1232682	0.6745	0.0132	-1.245	0.015	-5.744
130.0066464	-52.7033803	6.6888	0.0151	-24.488	0.018	23.512
77.6242010	39.2769596	1.0406	0.0383	1.232	0.044	-6.647

32.5395969	60.3249194	2.6928	0.0173	16.369	0.014	-13.564
276.8342000	6.6485512	2.5364	0.0264	1.414	0.027	-1.912
31.1357039	54.3675999	0.3438	0.0180	-2.293	0.014	-0.209
335.4347560	54.5566036	0.6530	0.0124	1.705	0.012	-2.329
79.4003432	41.6845820	1.1007	0.0188	2.468	0.021	-4.537
72.7932916	43.5959673	0.6835	0.0355	1.547	0.049	-5.621
342.5415488	46.1890462	1.4169	0.0113	0.460	0.009	-1.745
86.4239697	41.5284912	1.6364	0.0463	0.260	0.046	-2.418
300.9011183	44.0473276	0.6894	0.0125	-1.245	0.014	-5.791
78.0692286	16.6841783	0.5813	0.0182	0.543	0.021	-0.921
319.4803369	38.3029589	0.6220	0.0138	-3.808	0.013	-6.727
92.4091139	24.5842093	1.1493	0.0170	2.226	0.018	-2.935
92.0968216	24.3882861	1.1296	0.0143	2.200	0.017	-3.142
299.7552824	45.5525549	0.7532	0.0097	-3.285	0.012	-7.754
130.2370595	19.9347962	5.4055	0.0216	-35.794	0.023	-13.138
65.2931811	50.1927356	1.4073	0.0203	-2.096	0.025	-0.217
58.4106438	46.0261251	1.0134	0.0232	-1.415	0.026	-3.031
62.8298959	34.5035502	1.7519	0.0283	-0.944	0.032	-5.887
343.9551446	51.3287043	0.7041	0.0112	-4.573	0.011	-5.151
341.7813342	46.4392176	1.3922	0.0161	0.244	0.014	-1.750
83.1188183	43.2111343	0.7989	0.0138	0.071	0.016	-7.011
336.6988764	55.0172628	0.6742	0.0110	1.489	0.012	-2.325
64.5345494	46.2501980	0.8910	0.0157	3.311	0.015	-3.755
71.6519314	55.1794659	1.5460	0.0386	-1.940	0.036	-5.796
96.8879823	36.0777806	0.8129	0.0158	-0.592	0.016	-3.471
72.0629841	11.0093773	2.4859	0.0236	-1.260	0.026	-2.276
107.6249402	-72.3426894	7.8266	0.0269	-1.989	0.029	0.564
98.4913137	22.2805270	0.6487	0.0165	1.755	0.021	-3.840
72.7199930	43.9084695	0.7201	0.0144	1.633	0.017	-5.869
81.4195421	48.4874181	1.5942	0.0146	-0.064	0.020	-1.899
95.0672446	22.9101647	0.7659	0.0177	1.670	0.021	-4.723
91.8970648	20.1380347	1.2379	0.0156	-0.485	0.017	-2.669
91.1819920	36.7014794	0.4402	0.0190	-0.573	0.020	-1.630
71.5781794	55.4972110	1.5689	0.0388	-0.999	0.039	-0.876
323.2544840	48.2348531	3.4238	0.0243	-7.362	0.025	-20.118
64.4859099	46.4920701	0.9313	0.0153	3.310	0.015	-3.642
43.5223529	55.2239647	1.4029	0.0143	0.594	0.012	-3.897
73.4990741	54.6348657	1.6007	0.0363	-0.882	0.036	-1.092
82.1544170	35.9769444	0.8728	0.0184	1.557	0.019	-4.583
92.1488211	24.2537763	1.1076	0.0145	2.158	0.018	-2.805
80.4823141	33.3784167	0.8715	0.0218	-0.346	0.025	-3.088
84.5662074	57.0245086	2.0695	0.0316	-3.720	0.032	-3.508
86.7318690	32.1483256	0.3951	0.0246	0.403	0.034	-2.808
300.8165753	44.2183212	0.6844	0.0112	-1.370	0.014	-5.731
279.6542718	5.0264636	2.0872	0.0164	1.406	0.017	-5.193
72.2236789	10.7117142	2.4099	0.0223	-1.092	0.024	-2.254
95.5726356	14.6240590	0.5457	0.0181	0.169	0.024	-0.026
266.9825499	1.3497965	2.6766	0.0202	-4.990	0.021	-0.173
15.1502799	55.3649119	0.8354	0.0124	-4.467	0.008	-2.185
48.6503022	36.9685689	1.4969	0.0164	-2.076	0.020	-1.438
68.4788865	40.9133435	3.0235	0.0180	4.697	0.023	-10.486

82.2363264	34.2258125	0.7783	0.0166	-1.570	0.017	-4.734
76.2519023	23.5360508	1.3781	0.0385	-0.791	0.040	-2.366
344.7159395	54.1563605	0.7875	0.0161	1.579	0.016	-0.870
71.7505841	55.4500515	1.6091	0.0139	-1.111	0.015	-0.914
90.6604437	26.1710826	0.2581	0.0192	0.163	0.022	-1.272
74.5772037	45.3693117	1.4749	0.0148	-0.806	0.019	-2.986
86.1217155	21.8272445	0.8069	0.0253	0.863	0.030	-2.850
80.1084124	30.2514011	0.4838	0.0266	0.802	0.026	-0.686
72.9136028	43.8203607	0.7479	0.0175	1.654	0.022	-5.986
63.4015015	37.6159112	0.9324	0.0164	-1.365	0.019	-3.371
277.9709634	1.6235691	2.0846	0.0337	3.285	0.023	-8.834
63.4952556	49.1460098	1.7506	0.0175	3.838	0.018	-5.018
27.1467420	57.7352438	0.5798	0.0209	-0.894	0.016	0.164
71.4876381	26.7232907	1.6246	0.0175	-1.840	0.023	-2.330
76.1868561	23.8521444	1.1274	0.0159	3.151	0.019	-3.540
48.8109984	47.1788629	0.2858	0.0279	0.403	0.029	-1.704
67.3026830	46.2175006	0.8916	0.0189	0.214	0.020	-4.207
15.1409111	55.2183168	0.7618	0.0137	-4.287	0.010	-2.228
53.4593444	51.2665711	1.7750	0.0167	-3.590	0.017	-0.354
77.3535754	40.4675461	0.3777	0.0213	0.135	0.025	-0.826
75.4946400	19.7757426	0.7976	0.0226	0.388	0.029	-3.532
40.6922093	42.4644646	2.0020	0.0272	0.577	0.025	-5.382
104.7052798	3.0707019	1.5727	0.0377	-1.876	0.038	-1.154
111.1744733	6.9501566	0.5348	0.0199	-4.556	0.019	0.385
110.0301870	-3.8080873	2.0524	0.0424	-2.291	0.045	-3.233
88.7414212	11.3709772	0.4185	0.0314	0.425	0.033	-2.720
96.8594615	25.0560660	0.3030	0.0466	0.693	0.045	-2.772
80.3916253	7.6566307	2.6562	0.1778	1.839	0.233	-3.595
102.9171778	0.4519469	1.0706	0.0283	-1.533	0.026	-2.040
184.7583776	26.0083116	11.6932	0.0313	-12.133	0.027	-8.680
184.8299102	23.0346298	11.8246	0.0322	-12.540	0.034	-9.656
184.9608729	28.4643160	11.7664	0.0261	-12.182	0.027	-8.647
186.7470102	26.8256611	11.9394	0.1451	-11.589	0.112	-9.138
186.9097878	25.9120656	11.7924	0.0296	-12.309	0.032	-9.018
188.3925221	24.2829442	11.7165	0.0413	-11.972	0.035	-8.806
40.6185600	40.2556935	4.6160	0.0430	18.306	0.043	-23.668
357.6154512	-14.9837429	9.3821	0.0325	22.941	0.031	-7.485
111.2450612	2.2366033	0.3387	0.0249	-1.690	0.027	0.383
95.1959324	-3.4865032	0.6626	0.0157	-1.402	0.021	1.655
91.5626002	8.5749199	0.4396	0.0245	-0.508	0.027	-1.019
103.7955823	29.8960684	0.8422	0.0198	1.372	0.021	-0.447

e_pmDE	2MASS	J	e_j	H	e_H	K	e_K	Qf	Rf	Bf	Xf	Af
0.019	06534111-0034098	13.463	0.024	13.350	0.025	13.286	0.000	AAU	226	120	Oc0	0
0.037	02583971-0412314	7.500	0.021	7.449	0.020	7.403	0.020	AAA	111	111	0	0
0.018	00325339+5711054	7.797	0.019	7.753	0.020	7.715	0.023	AAA	111	111	0	0
0.022	03440026+2433250	7.633	0.037	7.618	0.044	7.583	0.018	AAA	111	111	0	0
0.016	06240450+3544398	10.223	0.020	10.181	0.026	10.151	0.020	AAA	222	111	0	0
0.048	06011210+3516220	8.337	0.026	8.147	0.029	8.096	0.021	AAA	111	111	ddd	0
0.023	05381529-0406295	6.675	0.019	6.669	0.046	6.593	0.026	AAA	111	111	0	0
0.023	03261060+4813182	8.090	0.018	8.067	0.023	8.073	0.019	AAA	112	111	0	0
0.153	04380945+1230388	4.117	0.258	4.078	0.228	4.105	0.334	DDD	333	111	0	0
0.016	21140997+3840182	9.779	0.024	9.757	0.016	9.718	0.013	AAA	222	111	0	0
0.023	06343666+0822276	10.496	0.022	10.475	0.024	10.419	0.019	AAA	222	111	0	0
0.078	04285014+1302510	4.793	0.198	4.656	0.204	4.534	0.033	CCA	331	111	0	0
0.023	02431565+4257084	10.495	0.023	10.459	0.031	10.410	0.023	AAA	222	111	0	0
0.018	07360988-1440173	10.147	0.026	10.115	0.022	10.068	0.021	AAA	222	111	0	0
0.108	04303362+1611383	4.773	0.224	4.677	0.200	4.364	0.036	DCE	331	111	0	0
0.014	10214828-5150100	10.349	0.024	10.343	0.026	10.259	0.019	AAA	222	111	0	0
0.020	04485325+5231033	9.170	0.024	9.053	0.030	8.984	0.022	AAA	122	111	0	0
0.013	22563435+5927440	10.169	0.024	10.108	0.031	10.095	0.023	AAA	222	111	0	0
0.018	06234285+2835155	10.458	0.022	10.337	0.022	10.303	0.022	AAA	222	111	0	0
0.044	08391654-5218499	8.085	0.024	7.991	0.040	7.985	0.034	AAA	111	111	0	0
0.022	06281223+2937518	9.606	0.021	9.563	0.020	9.513	0.018	AAA	222	111	0	0
0.051	18273126+0632520	8.895	0.029	8.774	0.024	8.730	0.023	AAA	112	111	0	0
0.019	11061117-5845591	10.126	0.023	10.089	0.022	10.089	0.023	AAA	222	111	00s	0
0.021	05335172-0004363	8.654	0.024	8.732	0.031	8.674	0.019	AAA	122	111	0	0
0.013	17054691-7023533	8.745	0.020	8.731	0.022	8.709	0.021	AAA	122	111	0	0
0.024	04075466+1631500	7.307	0.018	7.348	0.024	7.284	0.023	AAA	111	111	0	0
0.231	13235629+5455183	7.331	0.000	6.841	0.000	2.821	0.342	UUD	3	1	0	0
0.015	09533559-6411325	8.635	0.030	8.539	0.034	8.521	0.024	AAA	112	111	0	0
0.019	18270358+0625536	8.889	0.021	8.835	0.047	8.765	0.021	AAA	112	111	0	0
0.017	06462127-2051222	10.582	0.023	10.605	0.024	10.562	0.021	AAA	222	111	0	0
0.016	06471672+4050158	10.327	0.021	10.258	0.021	10.215	0.018	AAA	222	111	0	0
0.015	20051753+2630526	10.308	0.022	10.254	0.021	10.226	0.020	AAA	222	111	0	0
0.023	08401810+1931552	7.208	0.020	7.203	9.998	7.163	0.017	AFA	111	111	0	0
0.143	10210567+5534046	8.246	0.021	8.187	0.016	8.192	0.015	AAA	112	111	0	0
0.016	06432087+0246051	9.443	0.021	9.421	0.021	9.371	0.019	AAA	222	111	0	0
0.014	04105087+2212488	11.734	0.020	11.569	0.025	11.456	0.018	AAA	222	111	0	0
0.015	17543356-3444556	9.056	0.032	9.002	0.024	8.951	0.021	AAA	122	111	0	0
0.015	06533875+0324077	12.735	0.024	12.604	0.022	12.601	0.027	AAA	222	111	0	0
0.019	18272910+0635204	8.771	0.032	8.738	0.026	8.700	0.024	AAA	112	111	0	0
0.073	06482079-4303225	7.789	0.026	7.689	0.044	7.631	0.031	AAA	111	111	0	0
0.034	21132893+0710026	6.542	0.018	6.421	0.027	6.364	0.026	AAA	111	111	0	0
0.021	00365317+3342340	8.231	0.020	8.177	0.021	8.149	0.024	AAA	111	111	0	0
0.017	20325437+4322198	10.625	0.023	10.521	0.023	10.466	0.018	AAA	222	111	0	0
0.027	08402075+1941120	7.327	0.020	7.294	0.021	7.275	0.023	AAA	111	111	0	0
0.025	07583205-6053513	9.968	0.024	9.878	0.023	9.841	0.023	AAA	222	111	0	0
0.027	05252834+3343527	12.208	0.022	12.126	0.024	12.056	0.026	AAA	222	111	0	0
0.020	07200434+0410502	10.466	0.026	10.420	0.023	10.375	0.024	AAA	222	111	0	0
0.015	17450088+0531224	8.723	0.026	8.623	0.024	8.582	0.019	AAA	112	111	0	0
0.149	06360747+1933305	7.752	0.020	7.704	0.021	7.657	0.029	AAA	111	111	0	0
0.018	19591842+2934547	10.752	0.019	10.718	0.019	10.712	0.018	AAA	222	111	0	0

0.033	08124315-0535187	11.273	0.023	11.244	0.026	11.220	0.026	AAA	222	111	0	0
0.038	03494092+2320298	7.700	0.020	7.657	0.020	7.648	0.018	AAA	111	111	0	0
0.029	11053289-5843498	8.804	0.026	8.817	0.049	8.774	0.019	AAA	112	111	0	0
0.022	05361029-2842289	5.958	0.024	5.936	0.033	5.864	0.018	AAA	111	111	0	0
0.015	08135896-0550401	10.385	0.027	10.327	0.026	10.310	0.019	AAA	222	111	0	0
0.014	03155637+3542299	11.267	0.022	11.213	0.021	11.124	0.019	AAA	222	111	0	0
0.021	07022751+0202194	9.504	0.022	9.373	0.022	9.323	0.019	AAA	222	111	0	0
0.014	06513975+0041282	11.516	0.030	11.481	0.026	11.422	0.026	AAA	222	111	0	0
0.014	04152103+5121270	11.797	0.020	11.679	0.021	11.594	0.022	AAA	222	111	0	0
0.059	06474960+4817525	10.144	0.021	10.007	0.031	10.021	0.019	AAA	222	111	0	0
0.015	07001120+4514377	9.526	0.022	9.447	0.027	9.393	0.020	AAA	222	111	0	0
0.017	06473319+4054129	10.290	0.021	10.243	0.021	10.173	0.018	AAA	222	111	0	0
0.014	18500694+3323072	9.512	0.021	9.448	0.022	9.382	0.018	AAA	222	111	0	0
0.074	04220349+1404379	5.052	0.023	5.016	0.021	4.960	0.017	EAA	111	111	0	0
0.033	17542711-3428000	5.830	0.021	5.833	0.027	5.796	0.036	AAA	111	111	0	0
0.059	04303886+1541309	5.458	0.242	4.967	0.036	4.903	0.023	DEA	311	111	0	0
0.015	05285068+3545243	12.061	0.021	11.973	0.019	11.883	0.025	AAA	222	111	0	0
0.059	22370294+3035251	8.378	0.026	8.264	0.018	8.232	0.011	AAA	112	111	0	0
0.030	08395777+1932293	7.065	0.019	7.034	0.016	7.007	0.023	AAA	111	111	dsd	0
0.063	20504576+3348377	10.477	0.023	10.414	0.019	10.390	0.020	AAA	222	111	0	0
0.013	05293736+3544438	11.798	0.020	11.663	0.017	11.604	0.020	AAA	222	111	0	0
0.016	00010809+3544479	8.879	0.020	8.793	0.015	8.744	0.022	AAA	222	111	0	0
0.018	06460976-2035272	10.536	0.023	10.441	0.023	10.405	0.021	AAA	222	111	0	0
0.016	21235690+3610429	11.390	0.021	11.288	0.019	11.238	0.019	AAA	222	111	0	0
0.014	17450573-4710481	8.672	0.023	8.592	0.034	8.563	0.019	AAA	112	111	0	0
0.014	19372481+4543009	12.276	0.022	12.182	0.018	12.144	0.018	AAA	222	111	0	0
0.014	07361460-1434112	10.320	0.024	10.283	0.022	10.252	0.023	AAA	222	111	0	0
0.015	18262718+0631371	9.996	0.023	9.889	0.025	9.884	0.025	AAA	222	111	sss	0
0.020	06221343-0310597	12.318	0.023	12.176	0.023	12.141	0.026	AAA	222	111	0	0
0.025	05360587-0019415	8.731	0.035	8.727	0.029	8.745	0.022	AAA	122	111	0	0
0.015	21314957+4828545	8.609	0.034	8.622	0.031	8.537	0.022	AAA	122	111	0	0
0.015	20284954+4038563	9.044	0.020	8.997	0.018	8.969	0.016	AAA	122	111	0	0
0.013	06510616+0613335	11.707	0.023	11.620	0.022	11.544	0.026	AAA	222	111	0	0
0.023	06225219+2105107	11.858	0.022	11.634	0.030	11.576	0.020	AAA	222	111	sss	0
0.039	12212673+2459493	6.792	0.020	6.742	0.026	6.664	0.017	AAA	111	111	0	0
0.016	07160349-0056081	11.701	0.023	11.607	0.027	11.518	0.023	AAA	222	111	0	0
0.036	08402702+1932415	5.940	0.021	5.922	0.027	5.879	0.018	AAA	111	111	0	0
0.029	03472440+2354529	7.143	0.020	7.159	0.021	7.137	0.018	AAA	111	111	ddd	0
0.015	06272488+3559316	11.806	0.021	11.708	0.019	11.661	0.020	AAA	222	111	0	0
0.022	11045516-5844586	8.112	0.019	8.169	0.042	8.119	0.021	AAA	111	111	0	0
0.027	07081373+0637340	11.901	0.044	11.393	0.000	11.260	0.000	EUU	200	100	0	0
0.136	04252936+1755404	4.338	0.316	4.381	0.238	4.098	0.029	DDA	331	111	0	0
0.021	20542601+4855472	7.409	0.019	7.392	0.027	7.370	0.015	AAA	111	111	0	0
0.022	06235143+3657322	10.979	0.023	10.864	0.021	10.788	0.018	AAA	222	111	0	0
0.030	17463643+0607142	7.721	0.026	7.779	0.024	7.789	0.024	AAA	111	111	0	0
0.012	21535274+6238043	11.796	0.027	11.688	0.030	11.626	0.023	AAA	222	111	0	0
0.020	18322451-4852193	9.612	0.024	9.584	0.026	9.575	0.023	AAA	222	111	0	0
0.014	20025196+2949186	11.102	0.025	10.975	0.030	10.923	0.026	AAA	222	111	0	0
0.019	06464837+4023170	10.041	0.021	10.010	0.021	9.963	0.018	AAA	222	111	0	0
0.013	06204689+4645516	11.129	0.021	11.035	0.019	10.992	0.018	AAA	222	111	0	0
0.022	06100627+1415460	8.696	0.029	8.537	0.021	8.537	0.027	AAA	111	111	0	0

0.013	11044780-5839315	10.237	0.022	10.248	0.024	10.126	0.019	AAA	222	111	0	0
0.024	05402970+3036171	10.867	0.025	10.751	0.032	10.695	0.030	AAA	222	222	ccc	0
0.016	23192459+5052157	11.130	0.022	11.003	0.020	10.978	0.019	AAA	222	111	0	0
0.017	16290368-7030084	8.830	0.027	8.785	0.038	8.793	0.025	AAA	112	111	0	0
0.015	06480878+4112383	10.837	0.021	10.716	0.016	10.660	0.018	AAA	222	111	0	0
0.017	07382936+2134309	12.049	0.028	12.038	0.030	11.946	0.023	AAA	222	111	0	0
0.013	22155337+5358023	12.245	0.024	12.204	0.028	12.166	0.023	AAA	222	111	0	0
0.020	04452509+5504593	10.118	0.020	10.021	0.017	9.995	0.019	AAA	222	111	0	0
0.017	01282232+4846436	11.503	0.020	11.414	0.024	11.368	0.022	AAA	222	111	0	0
0.015	06471382+4137288	10.632	0.019	10.525	0.016	10.511	0.018	AAA	222	111	0	0
0.013	05284164+3601131	12.725	0.029	12.518	0.030	12.445	0.024	AAA	222	111	0	0
0.020	06143662+1134113	12.003	0.023	11.866	0.021	11.776	0.025	AAA	222	111	0	0
0.032	08401145+1958161	6.498	0.020	6.547	0.020	6.532	0.023	AAA	111	111	0	0
0.017	08023514+0217185	11.245	0.022	11.176	0.023	11.176	0.023	AAA	222	111	0	0
0.027	21321465+4838220	8.104	0.026	8.084	0.036	8.107	0.018	AAA	111	111	0	0
0.013	05122355+1648564	12.726	0.038	12.571	0.026	12.514	0.025	AAA	222	221	cc0	0
0.023	06002900+4532564	8.287	0.018	8.197	0.020	8.130	0.018	AAA	111	111	0	0
0.066	04232504+1646382	5.040	0.020	5.009	0.023	4.945	0.021	EEA	111	111	0	0
0.016	05183927+3706076	10.827	0.019	10.761	0.030	10.697	0.026	AAA	222	111	0	0
0.011	06074229+1420559	11.270	0.022	11.204	0.021	11.164	0.019	AAA	222	111	0	0
0.015	06075000+2015492	10.722	0.020	10.604	0.022	10.554	0.018	AAA	222	111	0	0
0.017	06195433+2308581	12.527	0.022	12.399	0.032	12.293	0.023	AAA	222	111	0	0
0.011	22525391+4645498	11.352	0.020	11.274	0.023	11.248	0.018	AAA	222	111	0	0
0.031	19363516+4507430	11.829	0.025	11.748	0.022	11.716	0.016	AAA	222	111	0	0
0.024	03484389+2315354	7.758	0.024	7.700	0.021	7.631	0.017	AAA	111	111	0	0
0.014	23130249+6021328	9.707	0.025	9.614	0.030	9.576	0.020	AAA	222	111	0	0
0.017	05431045+5632145	10.518	0.020	10.410	0.018	10.368	0.019	AAA	222	111	0	0
0.019	05180208-6821195	8.894	0.027	8.836	0.025	8.794	0.021	AAA	122	111	0	0
0.013	21264053+4834478	9.348	0.020	9.310	0.015	9.310	0.016	AAA	222	111	0	0
0.040	22294193+4853220	10.751	0.022	10.557	0.030	10.525	0.020	AAA	222	111	0	0
0.023	07163594-4614169	7.859	0.026	7.834	0.033	7.814	0.023	AAA	111	111	d00	0
0.025	11065123-5842244	8.480	0.020	8.459	0.038	8.497	0.019	AAA	112	111	0	0
0.011	05062928+5753406	9.043	0.030	8.947	0.021	8.880	0.016	AAA	122	111	0	0
0.014	03131901+4747453	11.969	0.021	11.855	0.022	11.771	0.019	AAA	222	111	0	0
0.022	05184461-6739341	9.985	0.024	9.876	0.025	9.809	0.021	AAA	222	111	0	0
0.023	07075937+1957389	14.186	0.028	14.130	0.049	14.060	0.056	AAA	222	111	0	0
0.011	23225435+5800496	9.838	0.022	9.712	0.019	9.630	0.016	AAA	222	111	0	0
0.019	19542676+2547539	10.770	0.020	10.652	0.019	10.602	0.017	AAA	222	111	0	0
0.030	02581447+4725081	10.640	0.022	10.571	0.024	10.519	0.019	AAA	222	111	0	0
0.020	01003625+5531188	12.525	0.031	12.389	0.015	12.311	0.028	AAA	222	221	cc0	0
0.014	19372705+4622536	12.062	0.022	11.970	0.018	11.933	0.021	AAA	222	111	0	0
0.042	04280202-4245140	7.911	0.026	7.812	0.034	7.746	0.040	AAA	111	111	0	0
0.013	05283162+3428585	12.702	0.023	12.570	0.023	12.503	0.022	AAA	222	111	0	0
0.016	05164465-6732368	8.325	0.029	8.260	0.042	8.185	0.025	AAA	112	111	0	0
0.018	17432333-4733525	8.216	0.024	8.131	0.034	8.053	0.031	AAA	111	111	0	0
0.013	19344259+2816389	10.949	0.020	10.834	0.015	10.782	0.020	AAA	222	111	0	0
0.016	08125486-0540473	11.378	0.022	11.305	0.023	11.296	0.023	AAA	222	111	0	0
0.025	03471935+2408208	7.767	0.029	7.627	0.038	7.639	0.020	AAA	111	111	0	0
0.017	20041932+4407238	11.942	0.023	11.865	0.026	11.828	0.023	AAA	222	111	0	0
0.018	08400164-5242126	8.076	0.024	8.012	0.059	7.935	0.026	AAA	111	111	0	0
0.032	05102980+3916371	10.656	0.022	10.631	0.023	10.570	0.020	AAA	222	111	0	0

0.022	02100946+6019299	9.219	0.023	9.127	0.027	9.038	0.021	AAA	122	112	00c	0
0.024	18272020+0638547	9.654	0.023	9.486	0.025	9.375	0.023	AAA	222	111	0	0
0.018	02043257+5422033	13.281	0.026	13.152	0.033	13.055	0.033	AAA	222	111	0	0
0.012	22214434+5433239	11.138	0.022	11.005	0.031	10.901	0.023	AAA	222	111	0	0
0.015	05173607+4141045	12.029	0.021	11.923	0.029	11.841	0.023	AAA	222	111	0	0
0.034	04511038+4335456	12.332	0.022	12.226	0.021	12.169	0.022	AAA	222	111	0	0
0.010	22500997+4611205	11.375	0.021	11.200	0.021	11.141	0.018	AAA	222	111	0	0
0.031	05454175+4131426	11.068	0.019	10.908	0.030	10.829	0.026	AAA	222	111	0	0
0.014	20033627+4402505	12.057	0.021	12.025	0.017	11.971	0.018	AAA	222	111	0	0
0.017	05121661+1641030	12.913	0.023	12.791	0.021	12.704	0.022	AAA	222	111	0	0
0.012	21175529+3818106	12.647	0.022	12.549	0.020	12.479	0.024	AAA	222	111	0	0
0.012	06093818+2435032	11.886	0.023	11.726	0.022	11.680	0.019	AAA	222	111	0	0
0.014	06082323+2423178	12.017	0.022	11.905	0.020	11.838	0.020	AAA	222	111	0	0
0.011	19590127+4533093	12.534	0.029	12.410	0.030	12.345	0.018	AAA	222	111	0	0
0.015	08405693+1956055	8.127	0.020	8.077	0.031	8.051	0.023	AAA	111	111	0	0
0.016	04211037+5011338	11.392	0.022	11.242	0.021	11.183	0.025	AAA	222	111	0	0
0.020	03533855+4601341	12.233	0.024	12.036	0.031	11.955	0.025	AAA	222	111	0	0
0.020	04111916+3430128	10.865	0.022	10.744	0.028	10.624	0.025	AAA	222	111	0	0
0.011	22554923+5119433	12.386	0.021	12.253	0.032	12.191	0.030	AAA	222	111	0	0
0.015	22470751+4626212	10.813	0.023	10.647	0.019	10.607	0.016	AAA	222	111	0	0
0.012	05322852+4312403	12.045	0.024	11.879	0.030	11.804	0.025	AAA	222	111	0	0
0.011	22264775+5501024	11.095	0.024	10.989	0.030	10.907	0.022	AAA	222	111	0	0
0.011	04180828+4615008	12.178	0.024	12.081	0.032	12.014	0.022	AAA	222	111	0	0
0.030	04463647+5510462	10.566	0.026	10.438	0.033	10.365	0.021	AAA	222	111	0	0
0.012	06273311+3604400	12.645	0.024	12.486	0.018	12.400	0.019	AAA	222	222	ccc	0
0.019	04481512+1100337	10.183	0.023	10.071	0.031	9.992	0.020	AAA	222	111	0	0
0.037	07102999-7220335	7.508	0.018	7.424	0.029	7.355	0.017	AAA	111	111	0	0
0.017	06335791+2216499	12.653	0.025	12.546	0.028	12.544	0.028	AAA	222	111	0	0
0.013	04505279+4354304	12.336	0.021	12.261	0.021	12.173	0.024	AAA	222	111	0	0
0.016	05254068+4829147	11.085	0.021	10.910	0.019	10.867	0.018	AAA	222	111	0	0
0.015	06201613+2254367	12.300	0.027	12.178	0.032	12.159	0.022	AAA	222	111	0	0
0.012	06073529+2008169	11.574	0.020	11.425	0.022	11.369	0.022	AAA	222	111	0	0
0.015	06044368+3642054	13.292	0.024	13.133	0.027	13.041	0.033	AAA	222	111	0	0
0.034	04461876+5529500	10.904	0.022	10.798	0.031	10.714	0.025	AAA	222	111	0	0
0.027	21330107+4814057	9.326	0.026	9.278	0.030	9.231	0.019	AAA	222	111	0	0
0.012	04175661+4629314	12.350	0.028	12.179	0.033	12.088	0.026	AAA	222	111	0	0
0.014	02540536+5513263	11.207	0.023	11.031	0.021	10.960	0.020	AAA	222	111	0	0
0.028	04535978+5438054	10.819	0.022	10.755	0.021	10.647	0.018	AAA	222	122	ccc	0
0.014	05283705+3558370	12.801	0.023	12.630	0.023	12.531	0.023	AAA	222	111	0	0
0.013	06083571+2415135	12.067	0.000	11.829	0.024	11.791	0.021	UAA	622	21	0c0	0
0.018	05215576+3322422	12.393	0.022	12.343	0.025	12.243	0.025	AAA	222	111	0	0
0.029	05381590+5701283	10.054	0.020	9.888	0.015	9.833	0.019	AAA	222	111	0	0
0.018	05465565+3208540	13.646	0.023	13.461	0.021	13.384	0.038	AAA	222	111	0	0
0.013	20031597+4413061	12.729	0.023	12.611	0.019	12.598	0.024	AAA	222	111	0	0
0.015	18383702+0501352	9.072	0.025	8.974	0.022	8.906	0.022	AAA	222	111	0	0
0.017	04485369+1042421	10.430	0.020	10.253	0.023	10.148	0.022	AAA	222	111	0	0
0.019	06221742+1437266	13.216	0.029	13.043	0.033	12.965	0.027	AAA	222	111	0	0
0.016	17475581+0120591	9.816	0.019	9.582	0.026	9.533	0.021	AAA	222	111	0	0
0.010	01003607+5521537	11.780	0.020	11.691	0.020	11.609	0.024	AAA	222	111	0	0
0.016	03143607+3658068	11.466	0.023	11.342	0.022	11.281	0.022	AAA	222	111	0	0
0.016	04335492+4054482	9.283	0.023	9.145	0.024	9.058	0.020	AAA	222	111	0	0

0.013	05285672+3413330	12.043	0.020	12.011	0.017	11.984	0.021	AAA	222	111	0	0
0.031	05050045+2332098	11.668	0.021	11.434	0.021	11.323	0.020	AAA	222	111	0	0
0.015	22585182+5409228	12.240	0.024	12.174	0.030	12.041	0.019	AAA	222	111	sss	0
0.011	04470014+5527001	11.152	0.027	11.020	0.032	10.961	0.021	AAA	222	111	0	0
0.017	06023850+2610159	8.070	0.017	7.866	0.016	7.772	0.020	AAA	111	111	0	0
0.016	04581852+4522095	11.045	0.020	10.842	0.019	10.765	0.020	AAA	222	111	0	0
0.018	05442920+2149380	11.163	0.021	10.890	0.022	10.772	0.017	AAA	222	111	0	0
0.021	05202601+3015050	13.367	0.023	13.190	0.027	13.076	0.026	AAA	222	111	0	0
0.017	04513925+4349134	12.589	0.021	12.491	0.021	12.405	0.025	AAA	222	111	0	0
0.012	04133635+3736573	12.491	0.029	12.224	0.030	12.164	0.023	AAA	222	111	0	0
0.019	18315302+0137250	10.178	0.023	9.850	0.031	9.715	0.021	AAA	222	111	0	0
0.016	04135885+4908457	11.217	0.022	10.964	0.021	10.883	0.019	AAA	222	111	0	0
0.020	01483522+5744068	13.281	0.027	13.109	0.036	13.050	0.030	AAA	222	111	0	0
0.015	04455703+2643238	11.370	0.020	11.164	0.019	11.047	0.018	AAA	222	111	0	0
0.014	05044483+2351078	11.792	0.023	11.564	0.021	11.463	0.021	AAA	222	111	0	0
0.024	03151463+4710439	14.145	0.055	13.921	0.064	13.911	0.040	AAA	222	221	cc0	0
0.014	04291264+4613031	12.787	0.022	12.596	0.023	12.476	0.019	AAA	222	111	0	0
0.011	01003382+5513059	12.644	0.022	12.485	0.023	12.404	0.026	AAA	222	111	0	0
0.016	03335025+5115596	11.009	0.027	10.869	0.036	10.733	0.023	AAA	222	111	0	0
0.017	05092485+4028032	13.180	0.024	12.985	0.033	12.906	0.029	AAA	222	111	0	0
0.019	05015871+1946327	12.878	0.023	12.604	0.022	12.554	0.027	AAA	222	111	0	0
0.027	02424612+4227521	10.366	0.024	10.299	0.031	10.251	0.021	AAA	222	111	00c	0
0.033	06584927+0304145	11.085	0.022	11.080	0.024	11.026	0.023	AAA	222	111	0	0
0.015	07244187+0657005	13.088	0.029	13.041	0.037	12.969	0.034	AAA	222	111	0	0
0.039	07200724-0348291	10.355	0.022	10.257	0.022	10.218	0.019	AAA	222	111	0	0
0.024	05545793+1122156	12.950	0.026	12.906	0.029	12.723	0.033	AAA	222	111	0	0
0.035	06272628+2503219	14.629	0.031	14.511	0.059	14.420	0.068	AAA	222	111	0	0
0.145	05213398+0739240	13.897	0.145	13.330	0.105	13.067	0.073	BAA	222	111	ccc	0
0.022	06514012+0027070	10.643	0.030	10.555	0.027	10.501	0.026	AAA	222	111	0	0
0.025	12190202+2600299	6.082	0.026	6.004	0.049	5.981	0.023	AAA	111	111	0d0	0
0.029	12191919+2302048	5.948	0.021	5.969	0.021	5.908	0.020	AAA	111	111	0	0
0.039	12195062+2827515	6.209	0.019	6.192	0.034	6.135	0.024	AAA	111	111	0	0
0.163	12265930+2649324	4.796	0.192	4.727	0.020	4.649	0.024	CAA	311	111	0	0
0.032	12273836+2554435	6.285	0.023	6.222	0.027	6.226	0.017	AAA	111	111	0	0
0.046	12333422+2416589	6.032	0.030	5.988	0.031	5.989	0.026	AAA	111	111	0	0
0.049	02422843+4015210	8.217	0.029	8.275	0.063	8.216	0.027	AAA	111	111	0	0
0.025	23502768-1459013	7.127	0.020	7.142	0.053	7.029	0.020	AAA	111	111	0	0
0.022	07245881+0214118	13.493	0.026	13.302	0.030	13.250	0.033	AAA	222	111	0	0
0.018	06204702-0329114	11.831	0.026	11.703	0.024	11.640	0.023	AAA	222	111	0	0
0.020	06061502+0834297	13.474	0.026	13.318	0.027	13.249	0.033	AAA	222	111	0	0
0.018	06551093+2953457	11.689	0.021	11.642	0.024	11.627	0.020	AAA	222	111	0	0

source_id_combined	name_2	id	source_id	within_r_t	probability
3112503838100168064	FSR_1085	1620	3112503838100168064	PRAVDA	0.843
5185973830812212608	HSC_1448	2959	5185973830812212608	PRAVDA	0.925
418831539835312384	HSC_995	2625	418831539835312384	NEPRAVDA	0.991
68306099020642432	Melotte_22	4423	68306099020642432	PRAVDA	0.921
942757008080290048	Theia_925	5679	942757008080290048	PRAVDA	1.000
3451985096923055744	HSC_1142	2740	3451985096923055744	PRAVDA	1.000
3215630405220742912	HSC_1684	3145	3215630405220742912	PRAVDA	0.943
249199882330077312	Melotte_20	4422	249199882330077312	PRAVDA	0.996
3306483944378137088	Melotte_25	4424	3306483944378137088	PRAVDA	0.743
1965035361417045760	ASCC_113	59	1965035361417045760	PRAVDA	1.000
3326140429144285440	NGC_2251	4528	3326140429144285440	PRAVDA	1.000
3307650109600736000	Melotte_25	4424	3307650109600736000	PRAVDA	0.791
337182253025154176	NGC_1039	4465	337182253025154176	PRAVDA	0.947
3029919592765618304	NGC_2422	4566	3029919592765618304	PRAVDA	0.920
3312849326428424704	Melotte_25	4424	3312849326428424704	PRAVDA	0.961
5357556537356380160	NGC_3228	4618	5357556537356380160	PRAVDA	1.000
260999016486018944	Teutsch_J0450.9+5209	5469	260999016486018944	PRAVDA	0.954
2013522385393935232	NGC_7429	4864	2013522385393935232	PRAVDA	1.000
3433662839452831744	UPK_381	7082	3433662839452831744	PRAVDA	1.000
5321582715910437376	IC_2391	4289	5321582715910437376	PRAVDA	0.861
3435234655749875200	Theia_834	5664	3435234655749875200	PRAVDA	1.000
4477222038497680384	NGC_6633	4780	4477222038497680384	PRAVDA	0.829
5338659295415520384	NGC_3532	4624	5338659295415520384	PRAVDA	0.766
3220857895815103872	Theia_139	5518	3220857895815103872	PRAVDA	1.000
5807992263304737792	UPK_612	7132	5807992263304737792	PRAVDA	0.752
45567820600586240	HSC_1288	2837	45567820600586240	PRAVDA	1.000
1563590510627624064	HSC_906	2549	1563590510627624064	PRAVDA	0.951
5249564154539418752	HSC_2327	3662	5249564154539418752	PRAVDA	0.899
4477214822952598528	NGC_6633	4780	4477214822952598528	PRAVDA	1.000
2926994824683234944	NGC_2287	4537	2926994824683234944	PRAVDA	0.948
945471564850314624	NGC_2281	4535	945471564850314624	PRAVDA	0.987
1835118514902246528	NGC_6882	4825	1835118514902246528	PRAVDA	0.980
661290758744228224	NGC_2632	4598	661290758744228224	PRAVDA	1.000
853037683885957632	CWNU_1095	596	853037683885957632	PRAVDA	0.741
3127258837469863296	Theia_379	5581	3127258837469863296	PRAVDA	0.967
52744642232957184	HSC_1346	2881	52744642232957184	PRAVDA	1.000
4040823326499265536	NGC_6475	4753	4040823326499265536	PRAVDA	0.962
3128060351384986624	CWNU_2103	980	3128060351384986624	PRAVDA	0.987
4477223820897301248	NGC_6633	4780	4477223820897301248	PRAVDA	1.000
5563082778424141184	HSC_1964	3370	5563082778424141184	PRAVDA	0.996
1739879367436438400	HSC_396	2100	1739879367436438400	PRAVDA	0.946
364936224316342912	HSC_921	2562	364936224316342912	PRAVDA	1.000
2069769311452939392	HSC_633	2309	2069769311452939392	PRAVDA	1.000
661297321454333312	NGC_2632	4598	661297321454333312	PRAVDA	1.000
5290672695270366592	NGC_2516	4585	5290672695270366592	PRAVDA	0.817
182519243748537344	Gulliver_54	1797	182519243748537344	PRAVDA	0.882
3139486819817895040	Theia_172	5524	3139486819817895040	PRAVDA	1.000
4473687177317598336	IC_4665	4299	4473687177317598336	PRAVDA	0.794
3371875302496497792	Theia_792	5657	3371875302496497792	PRAVDA	0.852
2030067183556796800	UPK_93	7015	2030067183556796800	PRAVDA	1.000

3064540529557052416	NGC_2548	4591	3064540529557052416	PRAVDA	0.752
64929391436043264	Melotte_22	4423	64929391436043264	PRAVDA	0.954
5338661808024777856	NGC_3532	4624	5338661808024777856	PRAVDA	0.833
2907397747897070336	HSC_1900	3319	2907397747897070336	PRAVDA	1.000
3064482294097982208	NGC_2548	4591	3064482294097982208	PRAVDA	1.000
138253627165829888	Alessi-Teutsch_9	114	138253627165829888	PRAVDA	0.813
3115480941932942336	Theia_379	5581	3115480941932942336	PRAVDA	0.941
3113601494302329472	NGC_2301	4539	3113601494302329472	PRAVDA	0.820
271675270091583232	NGC_1528	4477	271675270091583232	PRAVDA	0.893
966833254711456256	UPK_350	7079	966833254711456256	PRAVDA	1.000
954209173301594496	UPK_350	7079	954209173301594496	PRAVDA	0.888
945473626434606976	NGC_2281	4535	945473626434606976	PRAVDA	0.974
2090735108414133120	Gaia_8	1749	2090735108414133120	PRAVDA	1.000
3311000119668435200	Melotte_25	4424	3311000119668435200	PRAVDA	1.000
4040847760668408832	NGC_6475	4753	4040847760668408832	PRAVDA	0.954
3312628358950130176	Melotte_25	4424	3312628358950130176	PRAVDA	1.000
183346931186059776	NGC_1912	4500	183346931186059776	PRAVDA	1.000
1888598657376560384	Theia_1188	5708	1888598657376560384	PRAVDA	0.906
661268253115601792	NGC_2632	4598	661268253115601792	PRAVDA	1.000
1869154103493503872	Theia_7478	6026	1869154103493503872	PRAVDA	0.924
183300682978217728	NGC_1912	4500	183300682978217728	PRAVDA	0.913
2877047790994974080	Alessi_22	81	2877047790994974080	PRAVDA	1.000
2927019529334958848	NGC_2287	4537	2927019529334958848	PRAVDA	0.919
1963606305532820864	NGC_7063	4842	1963606305532820864	PRAVDA	0.969
5948755860757947264	Alessi_9	73	5948755860757947264	PRAVDA	1.000
2127997042083463936	Theia_4877	5981	2127997042083463936	PRAVDA	1.000
3030026588989698048	NGC_2422	4566	3030026588989698048	PRAVDA	1.000
4477231281267550080	NGC_6633	4780	4477231281267550080	PRAVDA	1.000
3116944082669558272	FoF_658	1715	3116944082669558272	PRAVDA	0.780
3217786616242183424	OCSN_61	5102	3217786616242183424	PRAVDA	0.924
1978648487910597504	Theia_517	5605	1978648487910597504	PRAVDA	1.000
2067419345868633600	Roslund_6	5216	2067419345868633600	PRAVDA	0.851
3132826867431756800	HSC_1635	3103	3132826867431756800	PRAVDA	1.000
3375885079667828608	CWNU_1355	679	3375885079667828608	PRAVDA	1.000
4008227724472564864	Melotte_111	4430	4008227724472564864	PRAVDA	1.000
3110130988929059328	UPK_429	7089	3110130988929059328	PRAVDA	1.000
661291136701346304	NGC_2632	4598	661291136701346304	PRAVDA	0.990
65207709611941376	Melotte_22	4423	65207709611941376	PRAVDA	0.938
942819783322707840	Theia_3747	5935	942819783322707840	PRAVDA	1.000
5338662289061289472	NGC_3532	4624	5338662289061289472	PRAVDA	0.945
3153001741868736384	HSC_1647	3113	3153001741868736384	PRAVDA	0.828
3314063977537054208	Melotte_25	4424	3314063977537054208	PRAVDA	0.979
2167272967518154624	OCSN_24	5089	2167272967518154624	PRAVDA	1.000
954976357539960960	Theia_390	5584	954976357539960960	PRAVDA	0.869
4474106297406021632	IC_4665	4299	4474106297406021632	PRAVDA	1.000
2204463918269731072	NGC_7160	4852	2204463918269731072	PRAVDA	1.000
6704782087543886464	Mamajek_4	4417	6704782087543886464	PRAVDA	0.976
2030176310093960448	UPK_93	7015	2030176310093960448	PRAVDA	1.000
945432910144840064	NGC_2281	4535	945432910144840064	PRAVDA	0.775
968525471826352000	ASCC_23	14	968525471826352000	PRAVDA	1.000
3345225339662644608	HSC_1553	3043	3345225339662644608	PRAVDA	0.938

5338663251133967616	NGC_3532	4624	5338663251133967616	PRAVDA	0.876
3444548588684710272	Theia_943	5681	3444548588684710272	PRAVDA	1.000
1991458382473970432	HSC_842	2493	1991458382473970432	PRAVDA	1.000
5807090010937964416	UPK_612	7132	5807090010937964416	PRAVDA	0.707
951670366592305280	NGC_2281	4535	951670366592305280	PRAVDA	0.906
865401619125252608	NGC_2420	4564	865401619125252608	PRAVDA	0.866
2004641561267854464	UBC_164	6159	2004641561267854464	PRAVDA	1.000
274241362732108672	Alessi_2	68	274241362732108672	PRAVDA	1.000
400290092993766656	HSC_1029	2655	400290092993766656	PRAVDA	1.000
951699164349694976	NGC_2281	4535	951699164349694976	PRAVDA	0.789
183365970780899072	NGC_1912	4500	183365970780899072	PRAVDA	0.999
3331822254261577344	HSC_1573	3059	3331822254261577344	NEPRAVDA	0.952
661322060465742336	NGC_2632	4598	661322060465742336	PRAVDA	0.950
3087960646923284096	Alessi_145	101	3087960646923284096	PRAVDA	1.000
1978656218831726848	Theia_517	5605	1978656218831726848	PRAVDA	0.957
3394759094406004480	NGC_1817	4491	3394759094406004480	PRAVDA	1.000
963062651383624576	OCSN_49	5097	963062651383624576	PRAVDA	1.000
3313842529024545664	Melotte_25	4424	3313842529024545664	PRAVDA	0.990
187093929376637696	Theia_387	5583	187093929376637696	PRAVDA	1.000
3345268594274500096	CWNU_80	362	3345268594274500096	NEPRAVDA	0.748
3375172256830894976	COIN-Gaia_25	313	3375172256830894976	PRAVDA	1.000
3377448142822741120	HSC_1500	3000	3377448142822741120	PRAVDA	1.000
1984260768899534208	Alessi_37	87	1984260768899534208	PRAVDA	0.792
2079914947621734400	Theia_4877	5981	2079914947621734400	PRAVDA	1.000
64933759417769984	Melotte_22	4423	64933759417769984	PRAVDA	0.998
2014001871236711936	HSC_878	2523	2014001871236711936	PRAVDA	1.000
268244866827784832	Renou_23	5208	268244866827784832	PRAVDA	0.959
4658714677689040640	NGC_1901	4497	4658714677689040640	PRAVDA	1.000
2170750761468059392	Theia_517	5605	2170750761468059392	PRAVDA	0.934
1987866999545593856	UPK_167	7042	1987866999545593856	PRAVDA	0.926
5510540588065227904	Alessi_3	69	5510540588065227904	PRAVDA	1.000
5340149241088915712	NGC_3532	4624	5340149241088915712	PRAVDA	0.771
280808019831595008	HSC_1142	2740	280808019831595008	PRAVDA	1.000
435140149130984320	COIN-Gaia_9	299	435140149130984320	PRAVDA	1.000
4658761887972710144	NGC_1901	4497	4658761887972710144	PRAVDA	1.000
3366470343851591936	UBC_616	6460	3366470343851591936	PRAVDA	1.000
2009643548883018112	HSC_878	2523	2009643548883018112	PRAVDA	0.957
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434554487386834560	UPK_296	7069	434554487386834560	NEPRAVDA	1.000
423493366057379072	AT_21	67	423493366057379072	PRAVDA	0.839
2128132556891272320	NGC_6811	4813	2128132556891272320	PRAVDA	0.952
4839725112282144640	HSC_1986	3389	4839725112282144640	PRAVDA	0.928
182660324835122048	COIN-Gaia_19	308	182660324835122048	PRAVDA	1.000
4658812053194570240	NGC_1901	4497	4658812053194570240	PRAVDA	1.000
5948764691213154176	Alessi_9	73	5948764691213154176	PRAVDA	0.936
2025481361110620544	UPK_80	7010	2025481361110620544	PRAVDA	1.000
3064536067088101504	NGC_2548	4591	3064536067088101504	PRAVDA	0.795
66715273197982848	Melotte_22	4423	66715273197982848	PRAVDA	0.905
2081881355448238720	NGC_6866	4823	2081881355448238720	PRAVDA	1.000
5318567958108066944	IC_2391	4289	5318567958108066944	PRAVDA	1.000
188488762954006016	COIN-Gaia_14	304	188488762954006016	PRAVDA	1.000

507532338299505920	Stock_2	5361	507532338299505920	PRAVDA	0.793
4477227982735117440	NGC_6633	4780	4477227982735117440	PRAVDA	1.000
456330590054201984	Patchick_12	5166	456330590054201984	PRAVDA	1.000
2005011061580230912	Theia_4535	5976	2005011061580230912	PRAVDA	1.000
195096316740023552	COIN-Gaia_12	302	195096316740023552	PRAVDA	1.000
206042710912025600	NGC_1664	4485	206042710912025600	PRAVDA	0.827
1983962388931972864	Alessi_37	87	1983962388931972864	PRAVDA	1.000
192697491604454144	HSC_1330	2870	192697491604454144	PRAVDA	1.000
2075875552369147904	NGC_6866	4823	2075875552369147904	PRAVDA	1.000
3394755486633539584	NGC_1817	4491	3394755486633539584	PRAVDA	0.944
1964813161291727104	HSC_651	2324	1964813161291727104	PRAVDA	0.932
3426309301393630080	NGC_2168	4511	3426309301393630080	PRAVDA	0.812
3426281886618521728	NGC_2168	4511	3426281886618521728	PRAVDA	0.822
2085197658620931968	UBC_143	6143	2085197658620931968	PRAVDA	1.000
661319552204833024	NGC_2632	4598	661319552204833024	PRAVDA	1.000
270665540461150592	NGC_1545	4478	270665540461150592	PRAVDA	1.000
244283209928155648	Teutsch_176	5440	244283209928155648	PRAVDA	1.000
170829648434312960	UBC_4	6077	170829648434312960	PRAVDA	1.000
1989240736244940672	UBC_6	6078	1989240736244940672	PRAVDA	0.773
1984191744484890240	Alessi_37	87	1984191744484890240	PRAVDA	1.000
195557660649524096	HSC_1303	2848	195557660649524096	PRAVDA	0.975
2005132317096030464	Theia_4535	5976	2005132317096030464	NEPRAVDA	0.892
233778097879472768	UBC_54	6092	233778097879472768	PRAVDA	1.000
274242634040878336	Theia_1040	5695	274242634040878336	PRAVDA	1.000
942821806250968320	Theia_3747	5935	942821806250968320	PRAVDA	1.000
3294768373105579904	NGC_1662	4484	3294768373105579904	PRAVDA	0.876
5263920473552849408	HSC_2407	3730	5263920473552849408	PRAVDA	0.880
3382210917956987520	FSR_0905	1593	3382210917956987520	PRAVDA	1.000
206064735502854528	NGC_1664	4485	206064735502854528	PRAVDA	0.921
212627784827385984	HSC_1330	2870	212627784827385984	NEPRAVDA	0.956
3377428347316647296	HSC_1500	3000	3377428347316647296	PRAVDA	1.000
3374793676936484480	COIN-Gaia_25	313	3374793676936484480	PRAVDA	1.000
3453681785100987776	UBC_68	6097	3453681785100987776	PRAVDA	1.000
274449853326037120	Alessi_2	68	274449853326037120	PRAVDA	0.969
1978441951523767168	Theia_517	5605	1978441951523767168	PRAVDA	0.896
233819226486238976	UBC_54	6092	233819226486238976	PRAVDA	0.969
453660048109361280	Theia_862	5669	453660048109361280	PRAVDA	0.884
273463217735731712	Alessi_2	68	273463217735731712	PRAVDA	0.772
183364145417644160	NGC_1912	4500	183364145417644160	PRAVDA	0.999
3426262576445945344	NGC_2168	4511	3426262576445945344	PRAVDA	0.861
181171272552565376	HXWHB_8	4238	181171272552565376	PRAVDA	1.000
269245658630851840	Renou_23	5208	269245658630851840	PRAVDA	0.848
3445205168927696512	UBC_1285	6686	3445205168927696512	PRAVDA	1.000
2076066351994581120	NGC_6866	4823	2076066351994581120	PRAVDA	1.000
4283927722544152576	IC_4756	4301	4283927722544152576	PRAVDA	0.878
3294744905404303616	NGC_1662	4484	3294744905404303616	PRAVDA	1.000
3368697576454232320	FSR_0951	1605	3368697576454232320	PRAVDA	1.000
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423486318006267008	AT_21	67	423486318006267008	PRAVDA	1.000
139218616121308288	Alessi-Teutsch_9	114	139218616121308288	PRAVDA	0.992
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182618646471746176	COIN-Gaia_19	308	182618646471746176	PRAVDA	1.000
3418477346924711424	Theia_754	5648	3418477346924711424	PRAVDA	0.846
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274284342463700864	Alessi_2	68	274284342463700864	PRAVDA	1.000
3429745103428651392	Teutsch_92	5424	3429745103428651392	PRAVDA	0.720
206299683094193024	Theia_560	5611	206299683094193024	PRAVDA	0.995
3403245533170152704	HSC_1472	2980	3403245533170152704	PRAVDA	0.976
3446809631267385344	UBC_614	6459	3446809631267385344	PRAVDA	1.000
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4273851209555523328	UPK_39	6990	4273851209555523328	PRAVDA	0.856
246499580550740992	HSC_1213	2785	246499580550740992	PRAVDA	1.000
505794972494480512	ASCC_6	4	505794972494480512	PRAVDA	1.000
154335633988977280	CWNU_52	351	154335633988977280	PRAVDA	1.000
3418695874860692736	NGC_1758	4488	3418695874860692736	PRAVDA	1.000
434875785302958976	NGC_1245	4468	434875785302958976	PRAVDA	0.727
256872583705407616	FoF_2139	1736	256872583705407616	PRAVDA	0.955
423480584234852736	AT_21	67	423480584234852736	PRAVDA	1.000
442244845370098816	HSC_1179	2762	442244845370098816	PRAVDA	1.000
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3408356823426209664	OC_0298	4969	3408356823426209664	PRAVDA	1.000
337099617854498688	NGC_1039	4465	337099617854498688	PRAVDA	0.784
3127892160466596096	HSC_1666	3129	3127892160466596096	PRAVDA	1.000
3142519307246004352	HSC_1663	3126	3142519307246004352	PRAVDA	1.000
3059845378689854592	Theia_546	5607	3059845378689854592	PRAVDA	0.955
3342851528417997440	CWNU_2644	1199	3342851528417997440	PRAVDA	1.000
3383777309709400448	HSC_1494	2997	3383777309709400448	PRAVDA	0.962
3241366600876726784	OC_0322	4978	3241366600876726784	PRAVDA	0.927
3113576690873416960	NGC_2301	4539	3113576690873416960	PRAVDA	0.845
4008571356215936896	Melotte_111	4430	4008571356215936896	PRAVDA	1.000
3953900747569804928	Melotte_111	4430	3953900747569804928	PRAVDA	0.738
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3959212286380277632	Melotte_111	4430	3959212286380277632	PRAVDA	0.881
335146575966201088	UPK_303	7071	335146575966201088	PRAVDA	0.983
2418919297570805888	CWNU_1066	583	2418919297570805888	PRAVDA	0.941
3135766136891650048	CWNU_2456	1110	3135766136891650048	PRAVDA	1.000
3116838422174509568	FoF_658	1715	3116838422174509568	PRAVDA	1.000
3329295134163716096	UBC_80	6100	3329295134163716096	PRAVDA	1.000
888515312046165120	FSR_0866	1584	888515312046165120	PRAVDA	1.000

ra	ra_error	dec	dec_error	l	b	pmra	pmra_error
103.4213201	0.0179804	-0.5694145	0.0175441	213.6948862	0.2403595	-1.0289	0.0216
44.6654833	0.0362918	-4.2087751	0.0307105	181.5074631	-51.9776589	-0.9827	0.0458
8.2226447	0.0134286	57.1848693	0.0144603	120.4089860	-5.5959962	21.2228	0.0157
56.0012213	0.0248681	24.5567929	0.0183005	165.6960063	-23.6501058	20.5346	0.0315
96.0187608	0.0169491	35.7443786	0.0145799	177.9452269	10.3892239	-3.7448	0.0219
90.3004952	0.0728370	35.2727256	0.0492406	176.1896833	6.0457096	-6.5306	0.0709
84.5637944	0.0214710	-4.1083321	0.0207925	208.1624726	-18.1397514	15.6759	0.0251
51.5443744	0.0185183	48.2216334	0.0160833	147.7417743	-7.0547923	23.4546	0.0254
69.5399012	0.1565733	12.5107709	0.0707454	184.7371655	-22.2403686	104.6946	0.2507
318.5415734	0.0103439	38.6717069	0.0125148	83.2285885	-6.9135490	0.9123	0.0136
98.6528088	0.0174379	8.3743400	0.0158625	203.5676995	0.1043401	0.6605	0.0255
67.2094899	0.0821185	13.0475358	0.0404627	182.7809430	-23.7270171	104.0662	0.1213
40.8152505	0.0225863	42.9522958	0.0175560	143.7748503	-15.3483324	0.5372	0.0283
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67.6406213	0.1228178	16.1939007	0.0689713	180.3834912	-21.4521532	104.8888	0.1634
155.4510232	0.0112633	-51.8361373	0.0115505	280.8127650	4.4915013	-15.0031	0.0145
72.2220000	0.0185284	52.5175143	0.0137727	154.6348599	4.9250390	9.6807	0.0257
344.1432368	0.0108893	59.4622502	0.0106769	108.8013430	-0.2208636	4.7395	0.0144
95.9286046	0.0184686	28.5876465	0.0166091	184.3862620	7.1164312	0.5390	0.0224
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61.9777697	0.0237465	16.5305537	0.0170434	176.2790870	-25.3839183	-2.8511	0.0311
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282.5289754	0.0101039	33.3853348	0.0111205	63.2122198	14.7854059	1.4156	0.0129
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268.6130332	0.0397882	-34.4667470	0.0338534	356.2063794	-4.4438355	3.6077	0.0489
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82.2112140	0.0171273	35.7567316	0.0128426	172.3458174	0.6744905	1.5744	0.0214
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95.5559700	0.0166575	-3.1832443	0.0181163	212.4426597	-7.9486798	-1.5373	0.0202
84.0244668	0.0222548	-0.3282122	0.0203492	204.3925335	-16.8540496	-1.3581	0.0279
322.9565256	0.0117012	48.4817405	0.0131072	92.4388546	-2.2094901	-7.1555	0.0158
307.2064786	0.0105900	40.6490051	0.0128626	79.1941504	1.0692023	6.0991	0.0141
102.7756849	0.0120059	6.2259527	0.0118151	207.3485099	2.7602807	-1.3985	0.0144
95.7174856	0.0243719	21.0862874	0.0212474	190.9828889	3.4862500	-0.7449	0.0290
185.3613539	0.0377295	24.9969855	0.0308503	228.8162168	82.9367076	-12.0215	0.0454
109.0145370	0.0156345	-0.9356220	0.0152514	216.5820215	5.0465816	-1.9490	0.0182
130.1123709	0.0347964	19.5447584	0.0242683	206.0598499	32.4528979	-36.2926	0.0443
56.8518214	0.0305195	23.9144779	0.0229866	166.7942583	-23.6079113	20.0491	0.0416
96.8536740	0.0148846	35.9921193	0.0130147	178.0181369	11.1061675	-0.4826	0.0185
166.2297461	0.0201645	-58.7495915	0.0181594	289.4823224	1.3125359	-10.4847	0.0257
107.0573116	0.0228828	6.6263542	0.0204326	208.9163375	6.7380429	-1.6430	0.0296
66.3729376	0.1207616	17.9277687	0.0649489	178.1181789	-21.2944675	107.3160	0.1930
313.6085216	0.0150344	48.9298259	0.0161737	88.5165100	2.5688841	13.1757	0.0209
95.9643105	0.0220199	36.9589217	0.0194480	176.8146652	10.8815802	-2.3983	0.0271
266.6517539	0.0292892	6.1205852	0.0265950	31.0328866	17.1944526	-0.9974	0.0346
328.4697609	0.0110997	62.6345181	0.0099063	104.0505166	6.4661575	-3.4838	0.0138
278.1021588	0.0189413	-48.8721216	0.0186785	346.2451778	-17.1526072	5.1086	0.0225
300.7165223	0.0085304	29.8218202	0.0111763	67.2600400	-0.5733293	-0.9913	0.0115
101.7015582	0.0165658	40.3880319	0.0153241	175.4621214	16.3653285	-2.9299	0.0217
95.1953803	0.0145141	46.7643466	0.0130820	167.4644496	14.5306855	0.9523	0.0164
92.5262050	0.0260231	14.2627143	0.0242907	195.5461559	-2.4289033	5.6304	0.0328

166.1991169	0.0118376	-58.6587226	0.0105551	289.4314424	1.3894968	-10.0914	0.0142
85.1237302	0.0320526	30.6047319	0.0250621	177.9959853	-0.0688374	-2.3639	0.0435
349.8524638	0.0120425	50.8710221	0.0120825	108.4542327	-9.3955497	-0.4268	0.0158
247.2651246	0.0095765	-70.5023680	0.0135596	319.2419323	-14.8885698	-13.7013	0.0115
102.0365986	0.0143683	41.2106119	0.0138661	174.7629241	16.9058432	-2.9905	0.0174
114.6223540	0.0166700	21.5752651	0.0135404	198.1151633	19.6575807	-1.2944	0.0205
333.9723170	0.0103501	53.9673353	0.0105325	101.2426850	-2.2215294	-3.3479	0.0125
71.3545527	0.0174015	55.0831281	0.0144091	152.3296645	6.1822646	-0.7710	0.0227
22.0929636	0.0153182	48.7787836	0.0145709	129.1784962	-13.6444926	-5.8238	0.0181
101.8075680	0.0144889	41.6246085	0.0132717	174.2945472	16.8982305	-2.8402	0.0179
82.1735457	0.0151785	36.0203092	0.0124098	172.1094006	0.7949926	1.6243	0.0187
93.6525855	0.0185938	11.5697724	0.0202810	198.4389588	-2.7542433	0.0375	0.0233
130.0475531	0.0363008	19.9710744	0.0249408	205.5605375	32.5430111	-35.1544	0.0422
120.6464289	0.0177997	2.2884898	0.0136999	219.1488537	16.8497681	-7.6183	0.0220
323.0610218	0.0212068	48.6394144	0.0218724	92.5969665	-2.1410750	-7.4284	0.0280
78.0981420	0.0152499	16.8156950	0.0102281	186.0686653	-12.9975581	0.4523	0.0178
90.1208363	0.0237293	45.5489858	0.0226792	166.9968190	10.8403376	-4.2806	0.0277
65.8549302	0.0682002	16.7771475	0.0333304	178.7298041	-22.4107741	106.9709	0.0988
79.6636483	0.0163399	37.1020915	0.0119207	170.0786345	-0.2586504	-0.5135	0.0235
91.9262090	0.0134871	14.3488442	0.0111726	195.1895697	-2.8964015	-1.1848	0.0177
91.9583348	0.0152401	20.2636723	0.0129957	190.0311951	0.0018687	-0.4786	0.0208
94.9764006	0.0185387	23.1494468	0.0158323	188.8336121	3.8431794	1.7256	0.0254
343.2246376	0.0085835	46.7638376	0.0094652	102.7174058	-11.4026069	0.4894	0.0106
294.1465224	0.0240682	45.1286354	0.0254670	78.0072345	11.5519615	-0.4884	0.0325
57.1829904	0.0304213	23.2596150	0.0191527	167.5227806	-23.8840927	19.2937	0.0385
348.2605527	0.0120892	60.3591008	0.0124183	111.0514889	-0.2230661	14.2276	0.0163
85.7935607	0.0168433	56.5373603	0.0151579	155.7851296	13.6733409	-3.2248	0.0195
79.5087328	0.0134701	-68.3553530	0.0153758	278.9312586	-33.6380962	1.8725	0.0170
321.6688391	0.0098991	48.5798743	0.0103726	91.8868485	-1.5519353	-7.3114	0.0123
337.4247597	0.0302901	48.8894775	0.0337711	100.3105816	-7.6564425	2.2503	0.0393
109.1497770	0.0166643	-46.2379733	0.0176452	257.5046257	-15.1812971	-9.5205	0.0233
166.7133568	0.0197755	-58.7067673	0.0202353	289.6959953	1.4511938	-10.8122	0.0249
76.6219461	0.0121293	57.8945812	0.0100424	151.9037611	10.2030073	-6.9440	0.0128
48.3292488	0.0115790	47.7958769	0.0107761	146.1493670	-8.5774481	-2.1122	0.0166
79.6859252	0.0169755	-67.6593861	0.0171898	278.0947970	-33.7026522	1.5733	0.0207
106.9974209	0.0220246	19.9607941	0.0200274	196.7018716	12.4756212	-1.3157	0.0264
350.7265911	0.0084850	58.0137669	0.0085270	111.4053162	-2.8629427	14.7621	0.0108
298.6115377	0.0105416	25.7982922	0.0151144	62.8570489	-1.0934214	2.3652	0.0146
44.5602966	0.0220852	47.4188791	0.0211973	144.1081384	-10.1717952	1.6161	0.0312
15.1510336	0.0113553	55.5218621	0.0145183	124.2395931	-7.3266128	-4.4314	0.0157
294.3626714	0.0092779	46.3815420	0.0119516	79.2176637	11.9859426	-3.3625	0.0124
67.0082841	0.0229161	-42.7538455	0.0273610	247.3683288	-43.8113839	-21.6455	0.0313
82.1317653	0.0141271	34.4829171	0.0106589	173.3704468	-0.0851171	-1.3033	0.0180
79.1861549	0.0126866	-67.5435137	0.0125576	278.0000398	-33.9112010	1.7280	0.0147
265.8472845	0.0197060	-47.5646483	0.0159720	343.7563276	-9.2553482	9.5915	0.0286
293.6774545	0.0081024	28.2774698	0.0102316	62.8115243	3.9514614	1.1326	0.0109
123.2285731	0.0136597	-5.6797915	0.0124769	227.7055234	15.2556269	-1.5591	0.0171
56.8307004	0.0252988	24.1389201	0.0194943	166.6136991	-23.4551315	19.0171	0.0321
301.0804734	0.0110302	44.1232682	0.0130510	79.5686797	6.7590019	-1.2452	0.0147
130.0066464	0.0133805	-52.7033803	0.0146515	270.0508161	-6.7003967	-24.4875	0.0179
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32.5395969	0.0075684	60.3249194	0.0121093	132.5312255	-1.0714044	16.3686	0.0137
276.8342000	0.0195458	6.6485512	0.0188451	36.1477874	8.3711364	1.4142	0.0271
31.1357039	0.0113231	54.3675999	0.0139211	133.5385905	-6.9917310	-2.2929	0.0145
335.4347560	0.0100050	54.5566036	0.0104263	102.2809105	-2.1995130	1.7052	0.0122
79.4003432	0.0192528	41.6845820	0.0113245	166.2147769	2.2147754	2.4684	0.0209
72.7932916	0.0317368	43.5959673	0.0199936	161.7461319	-0.4862348	1.5470	0.0486
342.5415488	0.0074669	46.1890462	0.0083465	102.0232999	-11.7012730	0.4602	0.0090
86.4239697	0.0385304	41.5284912	0.0322935	169.2123956	6.5345603	0.2598	0.0462
300.9011183	0.0103794	44.0473276	0.0112550	79.4355651	6.8289522	-1.2448	0.0142
78.0692286	0.0163114	16.6841783	0.0121237	186.1647719	-13.0939809	0.5426	0.0206
319.4803369	0.0095965	38.3029589	0.0106381	83.4698667	-7.7000876	-3.8082	0.0130
92.4091139	0.0155066	24.5842093	0.0128700	186.4520638	2.4591527	2.2257	0.0175
92.0968216	0.0127145	24.3882861	0.0108834	186.4862749	2.1156564	2.2001	0.0174
299.7552824	0.0087271	45.5525549	0.0089331	80.3125743	8.3023272	-3.2846	0.0123
130.2370595	0.0197925	19.9347962	0.0110569	205.6736556	32.6978318	-35.7938	0.0227
65.2931811	0.0162096	50.1927356	0.0111697	153.4267939	0.1665537	-2.0955	0.0246
58.4106438	0.0170343	46.0261251	0.0123076	152.8260339	-6.0028791	-1.4149	0.0257
62.8298959	0.0245730	34.5035502	0.0145079	163.1651184	-12.3237414	-0.9438	0.0320
343.9551446	0.0090199	51.3287043	0.0085362	105.1954420	-7.5174572	-4.5728	0.0112
341.7813342	0.0111853	46.4392176	0.0118951	101.6669188	-11.2361830	0.2439	0.0141
83.1188183	0.0123299	43.2111343	0.0097690	166.4826179	5.3428422	0.0712	0.0163
336.6988764	0.0090390	55.0172628	0.0089756	103.1438044	-2.1986952	1.4886	0.0116
64.5345494	0.0117676	46.2501980	0.0083688	155.8361787	-2.9954819	3.3108	0.0149
71.6519314	0.0300823	55.1794659	0.0219335	152.3657972	6.3743442	-1.9404	0.0355
96.8879823	0.0135567	36.0777806	0.0122636	177.9515776	11.1681572	-0.5916	0.0161
72.0629841	0.0196989	11.0093773	0.0109102	187.6012156	-21.1124880	-1.2602	0.0260
107.6249402	0.0235372	-72.3426894	0.0248389	283.5568562	-24.3352091	-1.9886	0.0289
98.4913137	0.0151519	22.2805270	0.0126579	191.1033028	6.3243929	1.7546	0.0206
72.7199930	0.0127195	43.9084695	0.0084385	161.4717232	-0.3276012	1.6328	0.0175
81.4195421	0.0122060	48.4874181	0.0095089	161.3842673	7.2288371	-0.0645	0.0196
95.0672446	0.0154181	22.9101647	0.0138838	189.0847511	3.8050319	1.6704	0.0205
91.8970648	0.0136209	20.1380347	0.0118908	190.1130241	-0.1094650	-0.4848	0.0175
91.1819920	0.0164645	36.7014794	0.0139524	175.2753935	7.3592957	-0.5727	0.0198
71.5781794	0.0325496	55.4972110	0.0253403	152.0937749	6.5465708	-0.9990	0.0390
323.2544840	0.0201804	48.2348531	0.0214243	92.4161647	-2.5251433	-7.3625	0.0248
64.4859099	0.0117568	46.4920701	0.0089630	155.6428852	-2.8459391	3.3096	0.0148
43.5223529	0.0087506	55.2239647	0.0102406	139.8762982	-3.5608596	0.5938	0.0122
73.4990741	0.0331361	54.6348657	0.0209191	153.4672369	6.8508737	-0.8819	0.0356
82.1544170	0.0160151	35.9769444	0.0129756	172.1369394	0.7580906	1.5566	0.0193
92.1488211	0.0133629	24.2537763	0.0109130	186.6270057	2.0919980	2.1577	0.0176
80.4823141	0.0207486	33.3784167	0.0138891	173.5172480	-1.8375984	-0.3456	0.0249
84.5662074	0.0273625	57.0245086	0.0261727	155.0098201	13.3254216	-3.7197	0.0319
86.7318690	0.0231385	32.1483256	0.0179958	177.4012779	1.9095220	0.4034	0.0336
300.8165753	0.0102718	44.2183212	0.0097148	79.5504796	6.9700406	-1.3700	0.0141
279.6542718	0.0143782	5.0264636	0.0138047	35.9580850	5.1360679	1.4061	0.0174
72.2236789	0.0185704	10.7117142	0.0094083	187.9597624	-21.1532756	-1.0920	0.0235
95.5726356	0.0168239	14.6240590	0.0146500	196.6318967	0.3379656	0.1694	0.0238
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15.1502799	0.0063461	55.3649119	0.0080706	124.2448408	-7.4834772	-4.4670	0.0083
48.6503022	0.0143042	36.9685689	0.0105801	152.2880284	-17.6121213	-2.0760	0.0195
68.4788865	0.0160198	40.9133435	0.0107704	161.6690154	-4.6551032	4.6974	0.0230

82.2363264	0.0136124	34.2258125	0.0105784	173.6323332	-0.1556159	-1.5699	0.0166
76.2519023	0.0314106	23.5360508	0.0194747	179.4283509	-10.5654692	-0.7907	0.0398
344.7159395	0.0118853	54.1563605	0.0121977	106.8310906	-5.1583994	1.5786	0.0160
71.7505841	0.0122642	55.4500515	0.0085950	152.1933456	6.5911571	-1.1111	0.0145
90.6604437	0.0175423	26.1710826	0.0149838	184.2949957	1.8527511	0.1628	0.0221
74.5772037	0.0139877	45.3693117	0.0098257	161.1689057	1.6187516	-0.8055	0.0191
86.1217155	0.0226855	21.8272445	0.0169400	185.9394216	-3.9218186	0.8625	0.0298
80.1084124	0.0214486	30.2514011	0.0177954	175.9131494	-3.8756479	0.8019	0.0262
72.9136028	0.0148133	43.8203607	0.0093204	161.6285983	-0.2762289	1.6545	0.0218
63.4015015	0.0137238	37.6159112	0.0084754	161.2911890	-9.7706764	-1.3647	0.0186
277.9709634	0.0179860	1.6235691	0.0263505	32.1480807	5.0906173	3.2846	0.0228
63.4952556	0.0140320	49.1460098	0.0113113	153.3217127	-1.3949617	3.8382	0.0183
27.1467420	0.0111104	57.7352438	0.0157876	130.5235442	-4.2916974	-0.8941	0.0164
71.4876381	0.0158578	26.7232907	0.0063466	174.1737971	-12.0510725	-1.8399	0.0233
76.1868561	0.0143435	23.8521444	0.0095769	179.1326603	-10.4278763	3.1506	0.0187
48.8109984	0.0206716	47.1788629	0.0189593	146.7577071	-8.9312506	0.4026	0.0293
67.3026830	0.0149821	46.2175006	0.0084006	157.2052489	-1.6553935	0.2142	0.0201
15.1409111	0.0078506	55.2183168	0.0095711	124.2447589	-7.6301693	-4.2872	0.0098
53.4593444	0.0126228	51.2665711	0.0117915	147.0179005	-3.8482564	-3.5902	0.0167
77.3535754	0.0202772	40.4675461	0.0108486	166.2963262	0.2514201	0.1349	0.0254
75.4946400	0.0196505	19.7757426	0.0117370	182.1237054	-13.3373291	0.3877	0.0291
40.6922093	0.0216764	42.4644646	0.0207138	143.9091372	-15.8273133	0.5767	0.0251
104.7052798	0.0304264	3.0707019	0.0294675	211.0376288	3.0410451	-1.8760	0.0379
111.1744733	0.0163570	6.9501566	0.0158255	210.4696698	10.5408611	-4.5559	0.0189
110.0301870	0.0355934	-3.8080873	0.0347385	219.6093362	4.6210034	-2.2908	0.0446
88.7414212	0.0261564	11.3709772	0.0223188	196.2722895	-7.0608415	0.4249	0.0330
96.8594615	0.0369825	25.0560660	0.0358995	187.9329011	6.2482571	0.6933	0.0450
80.3916253	0.1924018	7.6566307	0.1354212	195.2887595	-16.0416733	1.8389	0.2331
102.9171778	0.0217639	0.4519469	0.0229315	212.5559988	0.2574279	-1.5328	0.0263
184.7583776	0.0232041	26.0083116	0.0224607	219.8897117	82.6697106	-12.1334	0.0273
184.8299102	0.0295986	23.0346298	0.0248758	240.5563092	81.6577526	-12.5397	0.0340
184.9608729	0.0211404	28.4643160	0.0312132	200.2796040	82.8876802	-12.1818	0.0275
186.7470102	0.0990317	26.8256611	0.1299392	214.7208343	84.5447787	-11.5886	0.1124
186.9097878	0.0222785	25.9120656	0.0229961	224.4595229	84.5398343	-12.3093	0.0318
188.3925221	0.0306281	24.2829442	0.0341276	247.2035855	85.0716873	-11.9720	0.0353
40.6185600	0.0350067	40.2556935	0.0364771	144.8578368	-17.8415852	18.3056	0.0433
357.6154512	0.0228853	-14.9837429	0.0236988	70.4298781	-71.3286284	22.9412	0.0309
111.2450612	0.0225706	2.2366033	0.0203149	214.7694323	8.4813232	-1.6903	0.0265
95.1959324	0.0147441	-3.4865032	0.0134806	212.5512642	-8.4064984	-1.4019	0.0209
91.5626002	0.0217380	8.5749199	0.0170775	200.0913185	-5.9928892	-0.5081	0.0269
103.7955823	0.0167669	29.8960684	0.0152638	186.1700041	13.8794820	1.3718	0.0215

pmdec	pmdec_error	parallax	parallax_error	pseudocolour	pseudocolour_error
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-7.3932	0.0374	8.2194	0.0393		
-1.2723	0.0184	6.1957	0.0203		
-46.1898	0.0223	7.4124	0.0278		
-1.8985	0.0159	2.4377	0.0201		
-12.4566	0.0482	3.6526	0.0868		
-22.3114	0.0230	10.5763	0.0259		
-25.9714	0.0232	5.8259	0.0243		
-14.8608	0.1526	22.0310	0.1920	1.6750	0.0269
-3.6826	0.0157	1.7771	0.0155		
-3.8058	0.0227	0.6940	0.0194		
-14.9004	0.0780	20.7158	0.0899		
-5.9422	0.0231	2.0035	0.0223		
1.1156	0.0178	2.0879	0.0193		
-25.4460	0.1079	22.1875	0.1430	1.6854	0.0220
-0.5683	0.0140	2.0778	0.0144		
-17.1677	0.0197	3.3489	0.0253	1.5906	0.0045
-2.3986	0.0131	2.4042	0.0128		
-2.9653	0.0184	1.4481	0.0210		
22.4715	0.0441	6.6003	0.0365		
-3.8656	0.0216	2.0869	0.0248		
-2.4459	0.0514	2.5264	0.0453		
5.7254	0.0187	2.0579	0.0188		
-4.5215	0.0207	3.1016	0.0267		
-13.2501	0.0132	4.6000	0.0138		
-13.2984	0.0235	5.7263	0.0259		
-26.8872	0.2308	40.2803	0.2850	1.6276	0.0606
23.6107	0.0153	4.6279	0.0135		
-2.2507	0.0193	2.5709	0.0193		
-1.2475	0.0167	1.3773	0.0193		
-8.0702	0.0156	1.9281	0.0200		
-9.8778	0.0147	2.2072	0.0162		
-12.1182	0.0231	5.4103	0.0308		
2.3188	0.1431	3.7723	0.1413		
-6.2812	0.0156	3.3414	0.0177		
-2.5396	0.0143	1.3766	0.0165		
-5.4629	0.0146	3.5531	0.0215		
-3.3550	0.0149	0.7250	0.0164		
-1.8126	0.0188	2.5422	0.0164		
-3.1710	0.0732	6.7924	0.0585		
-4.6238	0.0336	10.4643	0.0421		
-2.3039	0.0214	5.7390	0.0267		
-0.3699	0.0173	2.0821	0.0146		
-12.8506	0.0268	5.4152	0.0381		
11.8209	0.0245	2.4256	0.0223	1.6732	0.0058
-6.8283	0.0271	0.9061	0.0335		
-5.3947	0.0197	2.2598	0.0228		
-8.5552	0.0152	3.0327	0.0172		
-10.1177	0.1485	4.8152	0.1853		
-8.2214	0.0180	1.3886	0.0173		

0.8851	0.0332	1.3380	0.0359		
-45.1335	0.0382	7.3159	0.0408		
5.0091	0.0292	2.1127	0.0302		
-3.0418	0.0218	17.0976	0.0213		
0.8391	0.0153	1.3164	0.0179		
-1.3649	0.0139	1.5289	0.0158		
-4.7595	0.0213	3.3671	0.0227		
-2.1857	0.0143	1.1630	0.0173		
-2.4002	0.0137	0.9604	0.0153		
-6.5939	0.0589	2.4262	0.0737		
-6.1917	0.0145	2.3078	0.0169		
-8.1282	0.0165	1.9637	0.0195		
-3.9626	0.0137	3.4897	0.0133		
-21.3210	0.0742	22.0269	0.0747		
-5.2733	0.0334	3.5372	0.0576		
-24.3538	0.0592	21.8684	0.0700		
-4.4671	0.0151	0.8692	0.0211		
-3.9616	0.0592	2.8156	0.0560		
-13.0473	0.0296	5.4033	0.0449		
-2.0175	0.0633	1.1845	0.0601	1.7067	0.0109
-4.3876	0.0131	0.8790	0.0178		
-13.0208	0.0161	2.7872	0.0200		
-1.3602	0.0184	1.4064	0.0217		
-2.6106	0.0158	1.4929	0.0163		
-9.0742	0.0140	4.8322	0.0200		
-0.4249	0.0142	0.7793	0.0113		
1.1803	0.0136	2.1070	0.0170		
-1.8859	0.0149	2.5554	0.0150		
1.6376	0.0198	0.6613	0.0214		
-0.6472	0.0246	2.6963	0.0313		
-19.5865	0.0153	3.3626	0.0156		
2.1639	0.0146	2.8399	0.0147		
-3.0635	0.0135	1.1032	0.0139		
-4.2789	0.0225	0.6680	0.0267		
-9.4048	0.0394	11.5581	0.0459	1.6580	0.0082
0.1287	0.0157	1.1871	0.0191		
-12.1334	0.0358	5.3836	0.0474		
-44.1326	0.0293	7.2210	0.0344		
-3.5791	0.0147	0.8326	0.0174		
5.4938	0.0224	2.0733	0.0233		
-2.4802	0.0271	0.9392	0.0255		
-30.9999	0.1360	21.0865	0.1381		
2.6856	0.0208	6.2325	0.0175		
-2.5113	0.0220	1.6942	0.0240		
-8.5673	0.0301	2.9503	0.0380		
-1.4447	0.0115	1.0974	0.0117		
-20.0949	0.0198	2.2001	0.0234		
-7.5531	0.0139	1.2532	0.0147		
-8.0805	0.0188	1.9415	0.0195		
-0.5632	0.0130	1.5956	0.0173		
-16.1313	0.0219	4.5855	0.0314		

5.2721	0.0132	2.1222	0.0135		
-4.2598	0.0235	1.7505	0.0364		
-3.2871	0.0157	1.3367	0.0173		
-9.3278	0.0167	4.0919	0.0181		
-8.3970	0.0149	2.0030	0.0164		
-2.0012	0.0167	0.4094	0.0182		
-3.3752	0.0127	0.2701	0.0125		
-1.2428	0.0196	1.6213	0.0219	1.6161	0.0044
-2.5197	0.0174	1.1362	0.0191		
-8.5161	0.0153	1.9902	0.0157		
-4.5249	0.0135	0.8620	0.0180		
-2.9227	0.0202	0.7173	0.0262		
-13.4626	0.0319	5.3784	0.0417		
-0.9998	0.0169	1.6011	0.0205		
-19.5676	0.0273	3.2910	0.0265		
-1.0391	0.0132	0.5433	0.0177		
-7.6154	0.0226	4.8436	0.0276		
-26.2475	0.0658	20.7950	0.0709		
-9.0868	0.0159	1.8586	0.0217		
-4.6971	0.0115	1.2765	0.0149		
-2.5358	0.0146	1.2556	0.0172		
-4.7954	0.0174	0.7705	0.0216		
-1.7622	0.0115	1.3720	0.0122		
-0.4727	0.0314	0.7641	0.0272		
-44.8850	0.0236	7.3189	0.0310		
1.7679	0.0145	3.1619	0.0160		
-3.8312	0.0170	2.1065	0.0191		
12.8187	0.0194	2.4601	0.0143		
-20.2207	0.0132	3.3997	0.0118		
0.0523	0.0396	1.8838	0.0408		
12.1434	0.0231	3.5761	0.0185		
5.5770	0.0253	2.0715	0.0239		
-16.4373	0.0114	4.4226	0.0160		
-2.8607	0.0140	1.1758	0.0167		
13.0358	0.0224	2.4262	0.0171		
-0.7682	0.0226	0.3161	0.0259		
-0.0742	0.0108	3.1290	0.0109		
-2.2730	0.0195	1.7728	0.0198		
-7.3424	0.0298	1.9417	0.0314		
-2.0939	0.0196	0.6684	0.0253		
-8.9116	0.0138	0.8557	0.0110		
6.3257	0.0421	5.7222	0.0278	1.6660	0.0081
-4.7352	0.0131	0.7743	0.0160		
12.8913	0.0156	2.4379	0.0130		
-9.3346	0.0185	4.8175	0.0252		
-1.0547	0.0135	1.0773	0.0125		
1.2006	0.0161	1.3298	0.0182		
-43.9276	0.0247	7.2693	0.0278		
-5.7442	0.0171	0.6745	0.0132		
23.5118	0.0182	6.6888	0.0151		
-6.6468	0.0320	1.0406	0.0383		

-13.5636	0.0225	2.6928	0.0173		
-1.9117	0.0238	2.5364	0.0264	1.5727	0.0046
-0.2089	0.0177	0.3438	0.0180		
-2.3295	0.0124	0.6530	0.0124		
-4.5369	0.0151	1.1007	0.0188		
-5.6211	0.0340	0.6835	0.0355	1.6392	0.0059
-1.7452	0.0100	1.4169	0.0113		
-2.4178	0.0313	1.6364	0.0463		
-5.7912	0.0142	0.6894	0.0125		
-0.9210	0.0172	0.5813	0.0182		
-6.7271	0.0124	0.6220	0.0138		
-2.9352	0.0124	1.1493	0.0170		
-3.1421	0.0135	1.1296	0.0143		
-7.7538	0.0111	0.7532	0.0097		
-13.1378	0.0155	5.4055	0.0216		
-0.2169	0.0161	1.4073	0.0203		
-3.0312	0.0196	1.0134	0.0232		
-5.8868	0.0203	1.7519	0.0283		
-5.1509	0.0110	0.7041	0.0112		
-1.7501	0.0148	1.3922	0.0161		
-7.0113	0.0121	0.7989	0.0138		
-2.3248	0.0107	0.6742	0.0110		
-3.7552	0.0111	0.8910	0.0157		
-5.7961	0.0298	1.5460	0.0386		
-3.4710	0.0124	0.8129	0.0158		
-2.2756	0.0194	2.4859	0.0236		
0.5641	0.0374	7.8266	0.0269		
-3.8404	0.0172	0.6487	0.0165		
-5.8692	0.0134	0.7201	0.0144		
-1.8987	0.0157	1.5942	0.0146		
-4.7227	0.0151	0.7659	0.0177		
-2.6688	0.0125	1.2379	0.0156		
-1.6305	0.0147	0.4402	0.0190		
-0.8757	0.0341	1.5689	0.0388		
-20.1184	0.0266	3.4238	0.0243	1.6927	0.0057
-3.6420	0.0119	0.9313	0.0153		
-3.8968	0.0141	1.4029	0.0143		
-1.0917	0.0284	1.6007	0.0363		
-4.5835	0.0141	0.8728	0.0184		
-2.8053	0.0131	1.1076	0.0145		
-3.0885	0.0183	0.8715	0.0218		
-3.5082	0.0292	2.0695	0.0316		
-2.8080	0.0176	0.3951	0.0246		
-5.7306	0.0127	0.6844	0.0112		
-5.1929	0.0153	2.0872	0.0164		
-2.2545	0.0171	2.4099	0.0223		
-0.0264	0.0185	0.5457	0.0181		
-0.1728	0.0164	2.6766	0.0202		
-2.1849	0.0096	0.8354	0.0124		
-1.4385	0.0157	1.4969	0.0164		
-10.4865	0.0156	3.0235	0.0180		

-4.7344	0.0125	0.7783	0.0166		
-2.3663	0.0307	1.3781	0.0385		
-0.8696	0.0148	0.7875	0.0161		
-0.9141	0.0114	1.6091	0.0139		
-1.2724	0.0166	0.2581	0.0192		
-2.9856	0.0157	1.4749	0.0148		
-2.8498	0.0181	0.8069	0.0253		
-0.6858	0.0205	0.4838	0.0266		
-5.9857	0.0166	0.7479	0.0175		
-3.3707	0.0116	0.9324	0.0164		
-8.8340	0.0191	2.0846	0.0337		
-5.0180	0.0155	1.7506	0.0175		
0.1641	0.0202	0.5798	0.0209		
-2.3302	0.0146	1.6246	0.0175		
-3.5405	0.0139	1.1274	0.0159		
-1.7037	0.0241	0.2858	0.0279		
-4.2067	0.0142	0.8916	0.0189		
-2.2282	0.0111	0.7618	0.0137		
-0.3540	0.0165	1.7750	0.0167		
-0.8256	0.0173	0.3777	0.0213		
-3.5323	0.0193	0.7976	0.0226		
-5.3825	0.0271	2.0020	0.0272		
-1.1536	0.0335	1.5727	0.0377		
0.3847	0.0154	0.5348	0.0199		
-3.2332	0.0393	2.0524	0.0424		
-2.7196	0.0237	0.4185	0.0314		
-2.7723	0.0355	0.3030	0.0466		
-3.5949	0.1453	2.6562	0.1778	1.1649	0.0262
-2.0396	0.0223	1.0706	0.0283		
-8.6800	0.0254	11.6932	0.0313		
-9.6556	0.0286	11.8246	0.0322		
-8.6467	0.0395	11.7664	0.0261		
-9.1383	0.1626	11.9394	0.1451		
-9.0179	0.0316	11.7924	0.0296		
-8.8064	0.0461	11.7165	0.0413		
-23.6678	0.0494	4.6160	0.0430		
-7.4853	0.0247	9.3821	0.0325		
0.3830	0.0222	0.3387	0.0249		
1.6553	0.0182	0.6626	0.0157		
-1.0189	0.0201	0.4396	0.0245		
-0.4475	0.0176	0.8422	0.0198		

parallax_pmra_corr	parallax_pmdec_corr	pmra_pmdec_corr	parallax_pseudocolour_corr
0.0543	0.0648	-0.0810	
0.0614	0.1150	0.0149	
-0.0471	0.1022	-0.3817	
0.3434	0.0584	0.0357	
0.3130	0.1102	-0.2707	
-0.0654	0.3442	0.0688	
0.0737	0.1693	-0.0902	
0.1133	0.0152	0.2453	
0.0479	0.0474	-0.1836	-0.0093
-0.1466	-0.0123	-0.0794	
0.1546	0.1043	-0.4216	
0.2138	0.0538	-0.1888	
0.1102	0.2083	-0.0500	
0.3288	-0.2547	-0.4452	
0.2157	0.0517	-0.1074	-0.0489
0.2122	0.0079	0.1933	
0.0371	0.0578	-0.2867	0.0196
-0.1800	0.0776	-0.2185	
0.1679	0.2517	-0.1789	
0.0641	0.0044	-0.0541	
0.3390	0.1539	-0.1175	
-0.2076	-0.0838	0.4432	
0.3145	0.1387	0.1081	
0.1033	0.4676	-0.1647	
-0.1840	0.0166	0.0881	
0.2312	0.0356	0.1216	
0.2356	-0.3874	0.0468	-0.0282
0.0738	0.2574	-0.0534	
-0.1428	0.1369	0.1841	
-0.0025	-0.0300	0.2259	
-0.0034	0.2598	0.0279	
-0.1372	0.0025	-0.0707	
0.4316	-0.2275	-0.3877	
0.1973	0.0084	0.0787	
0.1996	-0.0355	-0.1804	
-0.0678	-0.2364	0.1960	
-0.2113	0.4491	-0.0592	
0.0105	0.3290	-0.1977	
-0.1787	-0.1163	0.3299	
0.0577	-0.0999	-0.0423	
-0.2988	-0.0956	0.2998	
-0.1534	0.1078	0.4375	
-0.0450	0.0387	-0.0365	
0.4872	-0.1039	-0.2568	
0.3056	-0.2128	-0.0207	-0.1072
0.1136	0.3003	0.0016	
-0.0081	-0.0495	-0.0548	
-0.0303	0.0961	0.0173	
0.0737	0.1705	-0.1523	
-0.0232	-0.1826	-0.2680	

0.0656	-0.1112	-0.1694	
0.0177	-0.5363	0.3513	
0.2816	0.1639	0.1787	
0.0565	0.0309	-0.0870	
0.2825	-0.1397	-0.1663	
-0.0380	0.1442	0.0307	
0.0902	0.0533	-0.1605	
0.0152	0.1882	-0.0719	
0.0253	0.0681	0.0220	
0.2133	0.1850	-0.3693	
0.1648	0.0256	0.0197	
0.1194	0.1227	-0.0982	
-0.2061	-0.0250	-0.0552	
-0.0611	-0.1249	-0.0213	
-0.3213	0.4797	0.0508	
0.2184	0.0393	-0.2094	
0.1312	0.3275	-0.0859	
-0.1476	-0.2000	0.3593	
0.6585	-0.4842	-0.5763	
0.1367	0.0002	-0.2192	-0.0036
0.0878	0.3298	0.0740	
-0.1376	0.1554	-0.0272	
-0.1408	-0.0814	0.2019	
-0.0404	-0.0418	-0.2981	
-0.0729	0.3362	-0.0214	
-0.1227	0.0070	-0.0474	
0.2671	-0.2110	-0.2034	
-0.0494	0.3425	0.2185	
0.0470	0.3013	-0.2225	
-0.1079	0.4718	-0.2003	
-0.3132	0.0692	-0.0558	
0.1659	-0.1447	-0.2299	
0.1942	0.0298	-0.2246	
0.1747	0.0525	-0.1364	
-0.0296	-0.3197	-0.1237	0.1489
0.2142	-0.0100	-0.0467	
0.4456	-0.5321	-0.5404	
0.2977	-0.0373	-0.0031	
-0.0233	0.3303	-0.1146	
0.1713	0.1131	0.1655	
0.2955	0.0899	-0.1863	
0.3591	-0.1228	0.2763	
-0.0908	-0.1229	-0.0254	
0.1415	0.0799	-0.2296	
-0.1767	0.3699	0.0068	
-0.2122	0.0929	-0.0544	
-0.3757	0.2483	-0.0004	
-0.1623	0.0267	-0.1445	
0.1225	0.2860	-0.1308	
0.2717	0.1427	-0.1364	
-0.1642	0.2319	-0.0833	

0.0465	0.0000	0.1465	
0.2175	0.2629	-0.2535	
-0.1444	0.0198	-0.2956	
-0.1214	0.1962	0.2145	
0.3071	0.1465	-0.1342	
-0.0275	0.0671	-0.1348	
-0.1808	0.0328	-0.0515	
0.1148	0.1148	-0.1447	0.0700
-0.0405	0.3787	0.1059	
0.1024	0.0867	-0.1026	
-0.0910	0.2845	-0.1921	
0.0172	0.4238	-0.1992	
0.2290	0.0304	-0.2551	
0.0193	-0.1641	-0.2786	
-0.2244	0.0777	-0.1047	
0.1235	0.2118	0.1160	
0.1299	0.3391	-0.1415	
-0.3340	0.2220	-0.2731	
0.2442	0.3269	-0.2411	
0.0012	0.1037	-0.0082	
0.1283	0.1332	0.0588	
0.1301	0.1415	-0.1407	
-0.0737	0.0686	-0.0710	
0.0889	-0.0754	0.0651	
0.2320	0.0020	-0.0041	
-0.3182	0.2511	-0.2739	
0.3091	0.1538	-0.1199	
0.1825	-0.1269	-0.0528	
-0.0830	-0.0301	-0.1587	
-0.0737	0.0499	-0.2357	
-0.0147	-0.1872	0.1003	
0.1370	0.1096	0.0744	
-0.0559	0.2650	0.1505	
0.4320	0.1106	0.3065	
0.2128	-0.1550	0.1498	
0.2338	0.0887	-0.1753	
-0.1281	-0.1013	-0.1867	
-0.0780	-0.0570	-0.0955	
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1.6562	0.9584	1.0000	176112.85
1.5529	2.0857	1.0000	139716.08
1.6189	1.0618	1.0000	121988.17
1.5829	0.9865	1.0000	283356.20
1.5581	1.3143	0.9995	3733928.14
1.5537	0.9533	1.0000	252614.51
1.5484	1.8640	1.0000	210804.56
1.5658	1.0374	1.0000	31340.53
1.6048	1.0215	1.0000	84138.44
1.5537	1.0422	1.0000	69513.48
1.4983	0.9866	1.0000	423977.93
1.5376	1.3513	1.0000	206033.34
1.6110	1.2356	1.0000	46635.96
1.5144	0.9604	1.0000	158542.03
1.5401	0.9034	1.0000	119249.47
1.5900	1.0006	1.0000	19409.72
1.5065	1.0175	1.0000	41196.76
1.5832	1.0268	1.0000	70124.68
1.5428	1.2824	1.0000	253845.43
1.5704	1.0609	1.0000	39302.79
1.5324	1.0898	1.0000	42554.71
1.6895	1.1684	1.0000	1015022.99
1.6786	1.6990	1.0000	473998.74
1.6689	1.0613	1.0000	74148.73
1.6907	2.2222	1.0000	988738.34
1.6103	1.7082	0.9971	56971.58
1.6068	1.0345	0.9854	12185.31
	1.1006	0.8311	1731.82
1.7171	1.2329	1.0000	853688.98
1.6958	1.0332	1.0000	51249714.92
1.7032	1.0926	1.0000	60639639.27
1.6885	0.9975	1.0000	42973240.82
1.7131	1.1914	1.0000	200670506.50
1.6954	0.9056	1.0000	41282282.30
1.7163	1.0340	1.0000	59901518.51
1.7368	0.9954	1.0000	8493674.05
1.6892	0.9483	1.0000	19491778.16
1.6259	1.1013	1.0000	41527.19
1.6043	1.0031	1.0000	164546.42
1.5983	0.9893	1.0000	33387.80
1.6978	0.9623	1.0000	314560.66

phot_g_mean_flux_error	phot_bp_mean_flux	phot_bp_mean_flux_error	phot_rp_mean_flux
14.95	22022.55	23.29	21666.33
5170.74	8825535.64	8619.35	6570902.76
2469.57	6688606.46	3075.15	4962754.40
4265.34	7639091.95	9880.56	5697948.41
341.41	701710.77	511.88	533466.76
1930.74	2176161.38	8962.32	2186915.98
9168.25	23797334.89	13649.63	15511129.92
1989.32	5123560.25	2900.72	3767274.15
396278.20	259627231.63	198341.50	178914843.66
383.71	1019665.36	329.87	771289.86
201.88	520296.42	411.81	396264.50
108527.81	127074087.73	67699.31	95805703.51
230.84	514272.62	348.21	404974.68
307.37	814794.81	363.39	576618.96
245864.12	160394023.45	130777.02	115374488.29
233.87	742242.10	327.69	511596.93
449.39	977307.05	253.68	1074828.23
204.18	682494.98	317.74	546003.24
255.56	448866.58	439.33	389625.89
1968.34	5272663.83	2730.66	3972081.46
595.55	1175048.74	438.94	903282.85
624.44	1763944.14	648.74	1580930.17
363.40	823610.50	271.36	591507.50
1763.10	3916547.75	2127.00	2465700.00
625.30	2709502.99	749.60	2077255.13
5329.48	12148418.36	7869.80	8181664.98
788145.20	355400024.91	511037.50	246357839.46
926.71	2697266.26	1356.69	2246513.03
774.43	1978341.43	1292.37	1632524.98
169.94	652323.06	160.59	416124.32
303.08	621397.55	580.77	486561.71
158.02	602761.49	203.20	478337.27
6487.00	12726896.16	8405.27	8862743.31
2631.48	4511407.29	1730.30	3281783.02
562.34	1543838.48	1221.77	1125391.28
28.67	61692.50	48.86	84579.00
700.01	2072780.82	809.30	1550676.61
43.43	48296.57	55.80	44523.10
830.84	2454934.38	966.52	1917917.44
2559.97	6945167.95	2401.55	5126018.05
5075.20	17506698.36	5406.61	15098148.39
1756.25	4636998.41	1389.69	3412592.39
167.50	388639.35	181.26	337227.16
7172.07	10906137.40	6356.50	7864472.42
365.71	801049.25	361.81	626534.71
44.83	79778.81	55.47	71142.89
252.75	587317.25	384.35	446316.53
924.83	2222420.58	1400.06	1901853.59
2971.46	6596053.98	4010.62	5083433.46
181.70	368658.88	181.95	293651.70

104.87	241416.04	143.78	191309.05
3577.92	7273160.14	3814.22	5428763.74
1854.09	3672855.55	1867.44	2269850.07
15220.08	41084015.59	29105.91	28934368.63
258.73	634926.10	361.03	468302.52
67.73	177065.04	146.20	167349.63
549.23	1175707.16	473.21	980769.15
133.98	249368.76	185.40	172372.85
36.88	113916.15	54.09	104407.91
629.22	614732.46	326.81	517670.87
451.75	1331370.11	674.94	1032029.31
362.58	671753.63	396.50	511937.64
295.27	1072253.60	379.26	931889.25
85366.41	65484561.21	74254.82	56312342.23
22851.88	49232709.53	40274.43	32424611.29
70884.02	83533756.71	71828.25	65653545.72
38.71	86194.21	59.84	80978.23
1123.07	3559896.88	1425.51	2859039.70
4365.09	12395742.10	6552.20	9589479.82
415.92	589535.16	333.03	423851.52
54.31	105288.77	114.48	104275.25
769.46	1803206.53	866.71	1614928.71
197.85	508055.51	235.24	394356.85
68.03	194210.41	112.92	168645.57
1038.75	2635251.79	623.30	2130761.46
26.54	94719.79	46.10	78620.06
237.67	654754.45	356.72	485938.84
189.07	598251.87	357.69	558227.27
43.72	75239.48	64.65	67410.57
1911.87	4109149.79	1632.24	2444471.10
1008.75	3608274.07	1764.95	2561555.93
722.20	2175825.02	1184.63	1612825.85
63.23	150340.21	84.01	124486.52
37.01	80542.95	50.55	90414.52
8084.73	14173668.52	8656.64	11718833.69
61.15	150893.00	92.58	127279.68
17844.73	39786110.31	47193.75	28314522.31
7986.01	16549757.91	9265.54	9987407.68
84.52	130521.94	151.95	115089.10
3044.16	7239972.85	2789.73	4287224.84
41.44	90451.74	120.35	77685.67
333922.75	255652898.20	348494.90	160495734.37
3651.82	8447214.57	5686.06	6689208.30
112.61	256410.30	198.76	231007.78
5076.92	11281449.32	5295.09	6572091.58
27.40	103948.47	56.95	103073.12
622.85	1384359.15	552.53	988377.87
83.82	247772.68	116.76	211890.40
506.13	895135.57	521.67	651663.39
100.77	237171.67	145.57	209647.43
1046.46	2433510.33	1384.45	2046989.54

261.84	733148.71	320.76	544504.53
179.29	258102.43	111.44	240200.31
67.86	208073.43	105.20	195683.01
739.73	2584930.41	842.19	1904007.36
222.49	282529.61	325.65	263055.92
71.02	144334.81	116.29	103153.18
36.07	92563.50	53.88	78750.62
276.24	552355.70	260.32	510618.36
81.89	174279.80	110.39	147852.53
205.37	388262.03	274.09	340216.03
27.59	37624.50	55.06	42149.31
47.62	70184.10	53.56	76451.78
12525.07	31497233.38	28574.49	18631145.99
175.70	261047.00	204.48	207611.06
2669.62	6787784.36	3528.40	4149162.54
42.31	44896.81	76.26	43903.06
1531.75	3606485.24	1709.99	2987455.54
49796.82	70608487.90	48923.84	59258563.26
154.72	287762.36	194.93	261829.47
113.23	183248.91	313.15	180060.90
166.97	299785.02	205.58	284284.66
35.62	48280.33	38.73	50052.47
52.39	193377.43	89.76	169340.60
46.64	143688.59	81.12	114775.32
2682.29	5635266.08	4978.55	4661382.66
499.73	953844.08	461.49	807954.61
230.01	409411.69	169.90	361705.97
889.09	2585737.78	2059.94	1902936.91
415.05	1605413.86	436.11	1209610.16
175.90	328763.65	157.61	292190.04
3007.76	6642185.14	4375.50	4840890.78
3105.51	4902648.94	2055.26	2951385.74
522.13	1866860.40	715.81	1557314.92
31.66	83374.66	39.14	87312.50
496.82	828948.95	383.80	676466.40
17.25	15806.88	23.88	12981.22
147.27	598316.99	334.07	614387.73
128.84	309593.78	126.36	281340.93
290.53	398578.28	286.80	333170.76
15.81	52153.31	19.30	51978.23
32.37	102483.52	87.88	89317.78
2959.51	5034836.58	2416.80	4327803.73
23.36	40040.91	42.01	42035.26
1313.60	3617007.41	1638.89	2985089.92
1627.19	4264770.56	1262.47	3346951.06
170.67	238824.97	294.98	228925.42
99.91	224730.89	124.44	177801.06
3114.49	6173981.30	4170.75	4964494.80
50.78	138747.30	91.12	108633.47
1749.30	4977672.95	3558.12	3932015.87
224.50	395478.52	129.56	321030.50

234.63	971022.24	240.83	1016232.15
287.10	657117.40	295.36	712977.76
9.92	24198.69	19.18	25635.09
34.62	173965.68	66.12	181396.69
33.62	93367.07	71.55	87193.13
65.18	74448.19	44.78	67243.89
43.47	146951.01	76.54	148804.02
68.35	178178.15	94.01	191111.62
35.70	118614.01	73.20	93709.47
18.13	34504.50	20.38	35646.08
27.93	61597.57	38.97	51398.76
39.19	90068.26	60.65	93846.64
39.47	82953.08	74.19	83853.83
26.50	54913.43	35.01	53119.69
1455.78	4134509.08	1892.89	3490147.62
46.74	128263.15	77.81	137383.60
18.21	46721.98	31.25	58264.59
70.12	216228.98	101.20	229133.54
18.87	62360.41	27.07	61445.08
117.09	260772.55	122.66	256728.65
24.15	63659.37	50.74	73703.67
37.01	168550.60	77.17	179797.46
33.17	66203.78	51.80	69039.36
143.68	306482.47	152.07	315358.18
27.95	47649.51	39.45	47867.21
208.01	343736.48	141.70	391780.06
5187.54	7811343.36	12396.97	6287326.03
57.08	65423.76	59.89	53299.90
35.79	64844.00	40.63	62293.84
80.23	214239.17	166.00	207565.07
49.84	71041.30	42.62	66458.18
62.03	124067.15	85.53	126781.51
12.35	21338.39	23.53	23762.71
189.42	230262.76	141.24	233304.61
968.42	1717502.15	649.24	1239473.76
31.23	54514.29	38.99	58223.58
38.05	133941.98	73.24	157978.50
188.77	284375.58	195.20	261823.91
18.46	30004.07	37.59	36613.84
41.78	91328.47	76.66	90069.59
50.64	71223.34	73.35	63820.67
181.02	414508.63	215.19	469664.81
5.65	12537.42	18.53	15414.61
24.72	45351.55	25.43	44525.95
536.75	1350452.08	618.00	1295812.55
100.93	215541.61	99.16	284434.43
11.31	23887.75	31.97	25722.06
120.23	454744.54	178.17	543040.87
22.09	101302.65	37.32	102179.18
52.93	123249.52	84.38	133370.42
573.96	1065190.50	527.31	1055760.93

62.10	112741.92	123.70	92487.57
36.71	74605.18	46.65	93449.89
30.76	73600.07	52.65	69665.21
48.22	160569.87	93.60	175827.61
1022.20	2042898.56	1348.61	2500709.02
44.19	135392.37	78.07	169369.46
48.88	111924.11	65.82	142990.68
8.32	17278.56	24.05	20285.71
30.82	49511.37	32.57	49490.65
11.55	37404.91	23.52	46133.62
117.84	202407.89	154.42	321161.34
49.34	106979.31	103.30	141784.00
16.15	27809.06	32.77	27225.70
31.57	78151.78	68.87	115220.81
32.30	62328.00	31.84	81840.91
5.68	11208.78	13.58	11890.38
5.39	20068.89	15.61	30386.74
12.67	39734.90	22.39	43576.63
47.50	134085.49	62.33	173512.46
8.47	21828.56	13.96	25114.72
9.39	21861.57	18.97	29651.21
426.07	681194.07	464.22	493357.00
218.05	313520.09	183.58	235749.27
48.19	48123.17	107.48	37758.03
393.65	668006.18	628.18	480796.82
26.38	34023.25	63.45	33159.91
6.00	7221.86	18.08	7193.93
2.33	304.20	17.56	3031.97
973.69	599624.22	2260.17	396579.79
17470.85	34586512.05	39144.86	25177608.21
17449.34	41435661.28	29750.23	28954857.89
15609.76	28921641.21	31050.63	21186364.77
203937.02	138222131.31	151906.14	92844674.70
14750.74	27976640.14	30828.59	20116255.03
21695.79	41766491.58	43478.97	27726645.38
2694.48	6088552.83	5121.81	3758987.88
6798.76	13119373.28	13852.40	9599286.53
17.19	25328.33	14.00	23297.05
52.09	97182.56	58.47	97224.05
15.04	19351.78	87.45	20200.12
87.76	214080.19	235.17	149403.69

phot_rp_mean_flux_error	phot_g_mean_mag	phot_bp_mean_mag	phot_rp_mean_mag	bp_rp
23.26	14.2632	14.4814	13.9084	0.5729
3503.09	7.8882	7.9742	7.7038	0.2704
1513.99	8.1894	8.2752	8.0086	0.2666
3084.11	8.0416	8.1309	7.8586	0.2723
171.03	10.6200	10.7231	10.4301	0.2930
5535.10	9.5706	9.4943	8.8983	0.5960
7280.71	6.8618	6.8972	6.7713	0.1259
1134.51	8.4823	8.5646	8.3078	0.2568
235788.44	4.2534	4.3027	4.1163	0.1864
181.53	10.2180	10.3174	10.0299	0.2875
132.06	10.9532	11.0479	10.7529	0.2950
92684.91	4.9746	5.0784	4.7944	0.2840
180.13	10.9439	11.0606	10.7293	0.3312
138.63	10.4886	10.5609	10.3457	0.2152
180511.20	4.7520	4.8256	4.5926	0.2330
97.48	10.5976	10.6622	10.4756	0.1866
205.62	10.0983	10.3635	9.6695	0.6939
134.40	10.6289	10.7533	10.4049	0.3484
534.64	11.1138	11.2082	10.7713	0.4370
1057.45	8.4407	8.5335	8.2504	0.2831
462.21	10.0579	10.1634	9.8583	0.3051
377.75	9.5574	9.7223	9.2506	0.4717
182.34	10.4690	10.5492	10.3180	0.2312
1215.39	8.8332	8.8563	8.7680	0.0882
633.65	9.1540	9.2563	8.9542	0.3021
4981.61	7.5848	7.6272	7.4658	0.1615
390657.88	3.9138	3.9617	3.7690	0.1928
717.16	9.1230	9.2612	8.8691	0.3921
797.96	9.4657	9.5978	9.2157	0.3820
95.82	10.7712	10.8024	10.6998	0.1025
174.50	10.7406	10.8551	10.5301	0.3251
137.84	10.7685	10.8882	10.5486	0.3396
4651.16	7.5154	7.5767	7.3790	0.1978
908.47	8.6291	8.7028	8.4576	0.2451
353.93	9.7833	9.8670	9.6196	0.2474
39.39	12.9840	13.3630	12.4297	0.9332
465.10	9.4553	9.5472	9.2716	0.2756
18.93	13.4384	13.6288	13.1264	0.5023
541.22	9.2551	9.3634	9.0408	0.3226
2079.92	8.1522	8.2343	7.9734	0.2609
6803.69	7.0827	7.2305	6.8006	0.4299
1005.75	8.5882	8.6730	8.4152	0.2578
86.74	11.2053	11.3647	10.9281	0.4366
5544.61	7.6677	7.7444	7.5087	0.2356
258.08	10.4688	10.5794	10.2555	0.3239
39.90	12.9118	13.0838	12.6176	0.4663
231.03	10.8131	10.9164	10.6238	0.2926
622.57	9.3230	9.4715	9.0500	0.4215
2389.35	8.1880	8.2903	7.9825	0.3078
85.98	11.2997	11.4220	11.0783	0.3437

65.54	11.7594	11.8816	11.5436	0.3381
2462.56	8.0943	8.1842	7.9111	0.2731
992.34	8.9134	8.9260	8.8579	0.0681
25956.72	6.2405	6.3044	6.0944	0.2100
174.59	10.7412	10.8317	10.5716	0.2602
58.08	12.0203	12.2182	11.6888	0.5294
268.65	10.0224	10.1628	9.7690	0.3938
104.40	11.7812	11.8464	11.6567	0.1897
34.41	12.5111	12.6971	12.2011	0.4960
202.18	10.7319	10.8668	10.4628	0.4041
367.39	9.9189	10.0278	9.7137	0.3141
166.23	10.6663	10.7705	10.4749	0.2957
225.88	10.1070	10.2628	9.8245	0.4383
97506.27	5.6442	5.7982	5.3714	0.4268
24910.74	6.0772	6.1079	5.9707	0.1372
81138.16	5.4176	5.5339	5.2048	0.3291
43.40	12.8038	12.9998	12.4770	0.5229
685.01	8.8393	8.9599	8.6073	0.3526
4574.12	7.5015	7.6054	7.2934	0.3120
236.90	10.8889	10.9123	10.6799	0.2324
73.67	12.5639	12.7826	12.2024	0.5801
559.30	9.5288	9.6984	9.2275	0.4709
151.83	10.9651	11.0738	10.7582	0.3156
48.84	11.9579	12.1179	11.6805	0.4374
738.72	9.1622	9.2865	8.9266	0.3599
29.88	12.7538	12.8974	12.5091	0.3884
91.64	10.7048	10.7983	10.5314	0.2669
118.98	10.7064	10.8963	10.3809	0.5155
54.17	12.9730	13.1474	12.6761	0.4714
687.09	8.8029	8.8042	8.7774	0.0267
695.68	8.8753	8.9453	8.7266	0.2187
530.40	9.4043	9.4945	9.2289	0.2656
54.60	12.2574	12.3959	12.0101	0.3858
46.63	12.7951	13.0735	12.3573	0.7162
6173.97	7.3250	7.4598	7.0757	0.3842
63.64	12.2444	12.3919	11.9860	0.4059
26717.44	6.2684	6.3392	6.1179	0.2213
10345.46	7.2865	7.2916	7.2493	0.0423
101.61	12.3817	12.5493	12.0953	0.4540
1433.33	8.1943	8.1892	8.1675	0.0217
192.41	12.8007	12.9475	12.5220	0.4255
695437.20	4.2957	4.3194	4.2342	0.0852
3638.05	7.9089	8.0218	7.6845	0.3373
139.92	11.6410	11.8162	11.3388	0.4774
3736.80	7.7244	7.7076	7.7036	0.0040
29.19	12.5769	12.7965	12.2150	0.5815
508.62	9.9111	9.9854	9.7606	0.2248
51.99	11.7000	11.8534	11.4326	0.4208
177.44	10.3731	10.4588	10.2128	0.2460
76.02	11.7324	11.9009	11.4442	0.4567
1553.61	9.2323	9.3730	8.9701	0.4029

154.84	10.5807	10.6756	10.4079	0.2677
72.06	11.6250	11.8091	11.2965	0.5126
81.33	11.8464	12.0430	11.5190	0.5240
512.48	9.2225	9.3074	9.0487	0.2587
206.66	11.5207	11.7109	11.1978	0.5131
60.71	12.3601	12.4401	12.2142	0.2259
47.40	12.7770	12.9224	12.5073	0.4152
138.89	10.7975	10.9830	10.4777	0.5053
67.26	12.0840	12.2354	11.8233	0.4121
149.30	11.2005	11.3657	10.9185	0.4472
39.11	13.6226	13.8999	13.1859	0.7139
31.95	12.9593	13.2229	12.5394	0.6835
20216.09	6.5988	6.5929	6.5723	0.0206
80.85	11.6750	11.7967	11.4548	0.3420
1716.71	8.2522	8.2592	8.2030	0.0562
29.76	13.4944	13.7080	13.1417	0.5663
1202.84	8.8125	8.9458	8.5596	0.3862
131866.70	5.5740	5.7164	5.3160	0.4004
95.50	11.5104	11.6910	11.2028	0.4881
188.51	11.9599	12.1809	11.6093	0.5716
110.21	11.4501	11.6465	11.1135	0.5330
28.23	13.3874	13.6291	12.9993	0.6298
46.51	11.9575	12.1225	11.6760	0.4465
36.58	12.3189	12.4450	12.0983	0.3467
3089.90	8.3369	8.4613	8.0766	0.3846
263.67	10.2412	10.3898	9.9794	0.4104
109.51	11.1392	11.3081	10.8520	0.4561
645.61	9.2199	9.3071	9.0493	0.2577
308.91	9.7281	9.8246	9.5413	0.2833
93.55	11.3752	11.5463	11.0837	0.4626
2732.84	8.2032	8.2828	8.0356	0.2472
1047.75	8.6124	8.6125	8.5728	0.0396
451.57	9.5223	9.6608	9.2670	0.3938
31.48	12.7890	13.0360	12.3952	0.6408
186.06	10.4073	10.5422	10.1723	0.3699
19.08	14.7028	14.8414	14.4646	0.3768
172.93	10.6624	10.8962	10.2768	0.6194
86.67	11.4333	11.6116	11.1248	0.4867
166.46	11.1932	11.3373	10.9412	0.3960
18.63	13.3237	13.5453	12.9583	0.5870
44.51	12.6540	12.8119	12.3706	0.4414
1307.90	8.4338	8.5836	8.1572	0.4264
27.05	13.5842	13.8323	13.1889	0.6434
719.27	8.8103	8.9427	8.5605	0.3822
847.36	8.6530	8.7638	8.4363	0.3275
183.34	11.6910	11.8933	11.3487	0.5447
80.42	11.8374	11.9594	11.6231	0.3363
3225.16	8.2439	8.3621	8.0082	0.3539
40.07	12.3653	12.4830	12.1580	0.3250
1481.58	8.4829	8.5960	8.2614	0.3346
87.34	11.2201	11.3457	10.9815	0.3642

129.96	10.1327	10.3705	9.7304	0.6401
190.55	10.5356	10.7944	10.1152	0.6792
16.26	14.1265	14.3791	13.7258	0.6533
42.82	11.9941	12.2374	11.6013	0.6361
37.50	12.7183	12.9131	12.3967	0.5164
28.33	12.9830	13.1589	12.6788	0.4801
52.40	12.1905	12.4206	11.8164	0.6043
80.87	11.9556	12.2114	11.5447	0.6667
32.88	12.5309	12.6532	12.3184	0.3348
28.88	13.7553	13.9939	13.3679	0.6260
25.14	13.2212	13.3646	12.9705	0.3941
47.94	12.7086	12.9521	12.3168	0.6353
44.80	12.8112	13.0415	12.4391	0.6024
23.98	13.2785	13.4893	12.9348	0.5546
1316.97	8.6542	8.7975	8.3908	0.4067
51.34	12.3127	12.5683	11.9031	0.6652
21.04	13.3340	13.6647	12.8344	0.8304
57.39	11.7529	12.0013	11.3477	0.6536
27.36	13.1321	13.3513	12.7767	0.5746
80.52	11.5820	11.7979	11.2242	0.5737
33.16	13.0350	13.3289	12.5792	0.7497
54.77	12.0180	12.2717	11.6109	0.6608
30.80	13.0435	13.2863	12.6502	0.6362
102.93	11.3872	11.6225	11.0009	0.6216
32.87	13.4154	13.6434	13.0478	0.5956
133.59	11.2155	11.4980	10.7653	0.7327
12642.70	8.0668	8.1067	7.7517	0.3550
68.49	13.1616	13.2992	12.9311	0.3681
22.22	13.1023	13.3089	12.7618	0.5471
111.81	11.8032	12.0113	11.4550	0.5563
34.60	13.0132	13.2098	12.6915	0.5182
52.72	12.3705	12.6044	11.9903	0.6141
19.34	14.2388	14.5156	13.8082	0.7075
88.69	11.7236	11.9330	11.3281	0.6049
261.47	9.6718	9.7513	9.5148	0.2365
24.05	13.2423	13.4973	12.8351	0.6621
57.92	12.2201	12.5213	11.7514	0.7698
107.63	11.5185	11.7038	11.2029	0.5009
34.46	13.8258	14.1456	13.3388	0.8068
52.29	12.7189	12.9370	12.3615	0.5756
59.05	13.0300	13.2070	12.7355	0.4715
142.58	11.0141	11.2947	10.5684	0.7263
14.03	14.7729	15.0930	14.2781	0.8150
20.50	13.4780	13.6971	13.1264	0.5707
507.93	9.8120	10.0123	9.4665	0.5458
102.59	11.6487	12.0047	11.1129	0.8918
25.63	14.1369	14.3931	13.7221	0.6710
142.09	10.8895	11.1941	10.4108	0.7833
26.90	12.5954	12.8245	12.2245	0.6000
48.59	12.3493	12.6116	11.9352	0.6763
664.72	10.0543	10.2700	9.6890	0.5810

98.08	12.5729	12.7083	12.3327	0.3756
63.93	12.8243	13.1566	12.3214	0.8352
46.42	12.9716	13.1713	12.6404	0.5310
56.19	12.0565	12.3244	11.6352	0.6892
871.86	9.2570	9.5629	8.7527	0.8102
92.24	12.1812	12.5096	11.6758	0.8337
56.68	12.3777	12.7162	11.8596	0.8566
26.60	14.4471	14.7448	13.9799	0.7649
26.04	13.3749	13.6018	13.0116	0.5902
20.21	13.5822	13.9062	13.0879	0.8184
247.39	11.6190	12.0730	10.9811	1.0919
80.69	12.4025	12.7653	11.8688	0.8965
16.88	14.0156	14.2281	13.6604	0.5676
54.23	12.6870	13.1062	12.0941	1.0121
43.84	12.9962	13.3518	12.4655	0.8864
10.51	14.9673	15.2146	14.5599	0.6547
15.79	14.1502	14.5822	13.5412	1.0410
19.99	13.5727	13.8406	13.1498	0.6909
47.27	12.1759	12.5201	11.6496	0.8705
12.83	14.2013	14.4910	13.7481	0.7429
19.05	14.1150	14.4893	13.5678	0.9215
253.09	10.6712	10.7554	10.5150	0.2404
179.58	11.4979	11.5979	11.3168	0.2811
100.56	13.5121	13.6327	13.3054	0.3273
171.41	10.6997	10.7766	10.5430	0.2336
48.36	13.7982	14.0091	13.4464	0.5627
13.78	15.4728	15.6919	15.1055	0.5864
77.03	17.5911	19.1307	16.0436	3.0871
1171.91	10.8591	10.8938	10.7521	0.1418
35020.67	6.4131	6.4913	6.2454	0.2459
26486.24	6.2305	6.2951	6.0936	0.2015
16594.61	6.6044	6.6855	6.4328	0.2527
298422.20	4.9312	4.9871	4.8285	0.1586
13677.90	6.6480	6.7216	6.4890	0.2325
20493.37	6.2438	6.2865	6.1407	0.1458
1685.79	8.3646	8.3773	8.3102	0.0670
6743.68	7.4627	7.5438	7.2923	0.2515
31.33	14.1415	14.3295	13.8296	0.4999
56.88	12.6466	12.8696	12.2785	0.5911
28.35	14.3784	14.6217	13.9845	0.6372
77.66	11.9431	12.0121	11.8120	0.2001

bp_g	g_rp	radial_velocity	radial_velocity_error	rv_method_used	rv_nb_transits
0.2182	0.3548				
0.0860	0.1844	22.76	2.77	1	13
0.0858	0.1808	-1.24	0.55	1	31
0.0893	0.1830	3.88	0.23	1	13
0.1032	0.1899	-14.64	0.66	1	8
-0.0762	0.6722				
0.0355	0.0905	22.82	0.24	1	21
0.0823	0.1745	-1.53	0.66	1	11
0.0492	0.1372				
0.0994	0.1881	-9.29	1.64	1	25
0.0947	0.2003				
0.1038	0.1802				
0.1166	0.2146	-11.14	4.07	1	15
0.0723	0.1429	33.69	4.73	1	14
0.0735	0.1594	42.10	0.61	1	20
0.0645	0.1221	12.98	0.42	1	25
0.2651	0.4288	14.15	1.47	1	12
0.1244	0.2240	-15.24	1.67	1	18
0.0945	0.3425				
0.0928	0.1903	14.34	1.21	1	14
0.1055	0.1996				
0.1650	0.3067	-25.13	1.39	1	11
0.0803	0.1510	4.88	1.28	1	6
0.0230	0.0652	18.15	2.45	1	10
0.1023	0.1999	4.04	0.37	1	27
0.0424	0.1190	13.21	1.06	1	15
0.0480	0.1448	-10.34	1.08	1	19
0.1383	0.2538	7.22	0.73	1	10
0.1321	0.2500				
0.0312	0.0714	21.83	1.78	1	52
0.1145	0.2106	20.04	1.87	1	11
0.1196	0.2200	-19.85	0.51	1	29
0.0613	0.1364	33.13	0.23	1	16
0.0737	0.1714				
0.0837	0.1637	9.32	1.57	1	12
0.3790	0.5543				
0.0919	0.1837	-16.35	2.82	1	6
0.1904	0.3120				
0.1083	0.2143	-0.19	2.86	1	16
0.0821	0.1788	33.25	8.02	1	22
0.1479	0.2821				
0.0848	0.1730				
0.1594	0.2772	-5.84	1.27	1	23
0.0767	0.1589	56.56	4.81	1	17
0.1106	0.2133	18.76	4.62	1	23
0.1720	0.2942				
0.1033	0.1893	8.05	1.83	1	9
0.1485	0.2730	-15.44	0.91	1	15
0.1024	0.2055				
0.1223	0.2213	12.87	3.90	1	16

0.1222	0.2158	10.38	18.73	1	21
0.0899	0.1832	5.73	0.20	1	15
0.0127	0.0555				
0.0639	0.1461	24.77	0.23	1	25
0.0906	0.1696	8.33	1.60	1	21
0.1979	0.3315	-22.57	2.30	1	13
0.1404	0.2534	10.95	3.96	1	11
0.0652	0.1245	53.11	13.00	1	11
0.1860	0.3100				
0.1349	0.2692	-3.84	1.36	1	19
0.1089	0.2052	2.94	1.00	1	16
0.1042	0.1915	19.37	1.25	1	13
0.1558	0.2825	-16.64	0.36	1	31
0.1539	0.2729	56.08	5.89	1	8
0.0307	0.1065	-20.30	0.32	1	14
0.1163	0.2128	39.83	0.13	1	20
0.1961	0.3268				
0.1207	0.2319	8.06	1.26	1	20
0.1038	0.2081				
0.0234	0.2091	-7.17	17.48	1	9
0.2187	0.3615				
0.1696	0.3013	-8.21	3.67	1	18
0.1086	0.2070				
0.1599	0.2775	-2.53	2.65	1	27
0.1243	0.2356	-17.75	8.77	1	7
0.1436	0.2448				
0.0936	0.1733	34.10	2.28	1	20
0.1899	0.3255	-31.24	1.37	1	22
0.1744	0.2969				
0.0013	0.0255	23.03	2.41	1	16
0.0700	0.1486				
0.0902	0.1754				
0.1384	0.2474	12.67	5.24	1	14
0.2783	0.4378				
0.1349	0.2493	0.52	0.24	1	27
0.1475	0.2584				
0.0708	0.1505				
0.0051	0.0372	-1.86	2.44	1	19
0.1677	0.2863				
-0.0051	0.0269	4.43	0.30	1	19
0.1468	0.2786				
0.0238	0.0614	39.05	0.14	1	7
0.1129	0.2244				
0.1752	0.3022	-0.59	0.88	1	14
-0.0168	0.0208				
0.2195	0.3619				
0.0743	0.1505	-41.52	4.54	1	17
0.1535	0.2673	28.39	9.18	1	22
0.0858	0.1602	18.85	1.26	1	8
0.1684	0.2883	-13.50	1.12	1	17
0.1407	0.2622	31.53	13.17	1	8

0.0948	0.1728	8.50	1.50	1	15
0.1841	0.3285	4.00	6.82	1	10
0.1966	0.3274	-7.06	0.96	1	29
0.0849	0.1738	4.83	0.52	1	22
0.1902	0.3229	24.03	1.88	1	17
0.0800	0.1459				
0.1455	0.2697				
0.1855	0.3198	-10.91	0.99	1	18
0.1514	0.2607	-26.48	7.63	1	11
0.1652	0.2820	17.95	1.40	1	13
0.2772	0.4367				
0.2636	0.4199				
-0.0059	0.0265	33.19	0.15	1	13
0.1218	0.2202	25.78	1.69	1	20
0.0070	0.0492	-8.37	0.57	1	21
0.2136	0.3527				
0.1334	0.2528				
0.1424	0.2580	25.84	4.91	1	36
0.1805	0.3076	10.47	3.24	1	13
0.2210	0.3506	33.05	15.67	1	13
0.1964	0.3366	-1.99	7.00	1	13
0.2417	0.3881				
0.1650	0.2816	-12.04	1.93	1	27
0.1261	0.2207				
0.1243	0.2603	7.64	0.40	1	8
0.1487	0.2617	-14.57	0.94	1	18
0.1690	0.2872	-2.04	4.94	1	17
0.0872	0.1705				
0.0965	0.1868	-5.80	1.03	1	16
0.1711	0.2915	-9.68	0.75	1	36
0.0796	0.1676				
0.0000	0.0396				
0.1384	0.2554	1.50	0.43	1	25
0.2469	0.3938				
0.1349	0.2350	0.95	1.49	1	11
0.1386	0.2382				
0.2338	0.3856	-13.55	0.79	1	19
0.1782	0.3085	-14.13	1.85	1	32
0.1441	0.2519	-5.32	3.28	1	10
0.2216	0.3654				
0.1579	0.2834				
0.1498	0.2766	-14.70	10.88	1	14
0.2481	0.3953				
0.1324	0.2498	-0.65	0.82	1	11
0.1108	0.2167				
0.2023	0.3423	-12.70	2.43	1	26
0.1220	0.2143	8.20	1.93	1	19
0.1182	0.2357	4.73	0.23	1	13
0.1176	0.2074				
0.1131	0.2216	14.97	0.33	1	12
0.1256	0.2386	13.01	1.04	1	36

0.2378	0.4023	-2.92	8.06	1	33
0.2588	0.4204	-30.68	2.15	1	16
0.2525	0.4007				
0.2433	0.3928	-17.11	3.05	1	26
0.1948	0.3216				
0.1759	0.3043				
0.2301	0.3741	9.60	7.87	1	29
0.2558	0.4109	-11.13	10.22	1	26
0.1223	0.2125				
0.2386	0.3874				
0.1434	0.2507				
0.2435	0.3918				
0.2302	0.3722				
0.2108	0.3438				
0.1432	0.2634	35.19	0.39	1	9
0.2556	0.4097	-2.24	7.19	1	29
0.3307	0.4997				
0.2483	0.4053	4.99	3.30	1	32
0.2192	0.3554				
0.2159	0.3578	-9.64	2.77	1	33
0.2939	0.4558				
0.2537	0.4071	-11.01	3.26	1	27
0.2429	0.3933				
0.2354	0.3863	-9.51	2.63	1	20
0.2280	0.3676				
0.2825	0.4502	-15.78	1.37	1	27
0.0400	0.3150	-2.13	3.35	1	12
0.1376	0.2305				
0.2066	0.3405				
0.2081	0.3482	10.71	8.20	1	14
0.1966	0.3217				
0.2339	0.3802				
0.2769	0.4306				
0.2094	0.3955	-12.14	2.50	1	21
0.0795	0.1570	-7.20	0.91	1	10
0.2550	0.4071				
0.3012	0.4687	-25.34	4.01	1	23
0.1853	0.3156	-13.90	2.41	1	18
0.3198	0.4870				
0.2182	0.3574				
0.1770	0.2945				
0.2806	0.4457	-10.08	1.75	1	19
0.3202	0.4948				
0.2190	0.3517				
0.2004	0.3454				
0.3560	0.5358	-12.79	0.50	1	35
0.2562	0.4148				
0.3046	0.4787				
0.2291	0.3709				
0.2623	0.4141	-15.59	3.65	1	13
0.2157	0.3653	14.43	9.04	1	16

0.1354	0.2402				
0.3324	0.5028				
0.1998	0.3312				
0.2678	0.4214	-7.65	3.59	1	29
0.3060	0.5042				
0.3283	0.5054	-8.93	4.24	1	17
0.3386	0.5180	20.04	20.45	1	17
0.2977	0.4672				
0.2269	0.3633				
0.3240	0.4943				
0.4540	0.6379	-16.52	5.25	1	11
0.3628	0.5337	-6.96	31.58	1	16
0.2125	0.3551				
0.4192	0.5929	-1.21	2.08	1	31
0.3556	0.5308				
0.2473	0.4074				
0.4320	0.6090				
0.2679	0.4229				
0.3441	0.5264	-10.44	0.70	1	23
0.2897	0.4532				
0.3743	0.5472				
0.0842	0.1562	-27.49	10.67	1	8
0.1000	0.1812	5.20	1.67	1	7
0.1205	0.2067				
0.0769	0.1567	-5.98	6.20	1	12
0.2109	0.3519				
0.2191	0.3673				
1.5395	1.5475				
0.0347	0.1070	10.35	18.13	1	10
0.0781	0.1678				
0.0646	0.1369	0.37	0.15	1	18
0.0811	0.1716	1.48	0.31	1	15
0.0559	0.1027				
0.0736	0.1589	0.52	0.16	1	19
0.0427	0.1031	0.71	0.16	1	17
0.0126	0.0544				
0.0810	0.1704	4.00	0.20	1	14
0.1880	0.3119				
0.2229	0.3682				
0.2433	0.3939				
0.0690	0.1311	62.36	1.51	1	10

rv_nb_deblended_transits	grvs_mag	grvs_mag_error	grvs_mag_nb_transits	vbroad
	0	7.6280	0.0070	13 35.79
	1	7.9350	0.0048	29 169.32
	0	7.7726	0.0061	13 29.66
	2	10.3677	0.0126	6
	0	6.7253	0.0052	21 79.47
	1	8.2283	0.0057	10 87.38
	10	9.9374	0.0411	11 68.83
	5	10.6288	0.0110	10 70.94
	6	10.2759	0.0105	7 139.04
	0	4.5375	0.0050	20 70.72
	6	10.4208	0.0055	17 10.40
	0	9.4849	0.0071	12 106.94
	0	10.3094	0.0070	15 73.24
	3	8.1683	0.0108	12 29.80
	4	9.1138	0.0076	5
	3	10.2241	0.0112	3
	4	8.7189	0.0108	6 129.66
	10	8.8717	0.0051	12 89.53
	0	7.3988	0.0095	15 203.01
	0	3.7302	0.0093	19 45.99
	2	8.7706	0.0129	5
	16	10.6409	0.0069	36 70.09
	1	10.4294	0.0135	7 99.26
	13	10.4605	0.0113	14 29.65
	0	7.3200	0.0052	16 67.45
	5	9.5377	0.0084	5
	0	9.1752	0.0105	5
	1	8.9230	0.0477	11 6.80
	1	7.8975	0.0052	19
	4	10.8058	0.0197	17 53.76
	0	7.4518	0.0069	17 7.40
	4	10.1612	0.0055	16
	2	10.5593	0.0340	7 56.78
	4	8.9266	0.0060	9 117.19
	11	10.9796	0.0098	5

2	11.4438	0.0150	18	
0	7.8437	0.0090	15	27.02
0	6.0243	0.0049	25	73.49
7	10.4968	0.0078	12	52.23
2	11.5493	0.0251	11	14.72
7	9.6736	0.0143	4	
3	11.5802	0.0286	8	
2	10.3481	0.0061	16	43.14
5	9.6139	0.0076	7	32.25
2	10.3802	0.0085	11	30.63
13	9.7033	0.0075	16	38.58
0	5.2702	0.0071	8	22.08
0	5.8981	0.0051	14	56.11
0	5.1338	0.0053	20	20.14
6	8.5048	0.0052	10	59.10
4	10.6310	0.0087	4	
5	9.0919	0.0090	8	25.60
11	11.5580	0.0369	16	29.95
2	8.8275	0.0072	3	
6	10.4524	0.0108	12	54.79
7	10.2311	0.0076	14	69.26
1	8.7467	0.0061	14	147.33
2	11.8839	0.0448	11	
0	6.9759	0.0060	27	59.30
0	7.2195	0.0051	19	
1	8.1448	0.0056	18	17.49
0	4.1906	0.0095	7	11.00
1	11.2084	0.0186	13	
6	9.6880	0.0072	7	10.88
13	11.3425	0.0276	9	8.35
3	10.1506	0.0073	5	
7	11.3313	0.0128	10	
2	8.8606	0.0090	4	

7	10.3230	0.0100	8	46.12
2	11.1663	0.0158	8	90.90
5	11.3753	0.0204	24	
12	8.9652	0.0057	4	
2	11.0556	0.0105	15	70.01
3	10.3502	0.0081	14	25.56
4	11.7399	0.0251	7	
2	10.8201	0.0085	11	45.85
0	6.5514	0.0053	13	
4	11.3567	0.0160	14	44.28
1	8.1682	0.0055	21	46.07
0	5.2231	0.0048	36	
0	11.0657	0.0075	12	83.39
1	11.5181	0.0161	12	127.34
4	10.9739	0.0266	7	126.85
9	11.5442	0.0123	18	41.25
1	7.9797	0.0088	7	73.24
1	9.8670	0.0074	15	68.58
6	10.7267	0.0160	11	
7	9.4401	0.0148	4	
11	10.9536	0.0098	23	26.12
8	9.1497	0.0071	16	54.69
3	10.0871	0.0097	8	17.15
6	10.1237	0.0122	11	52.59
19	11.0143	0.0118	12	45.92
3	10.8279	0.0120	7	80.95
3	8.0476	0.0065	11	
5	8.4683	0.0104	4	
14	11.2151	0.0096	12	42.36
3	11.5371	0.0255	14	
3	7.9026	0.0064	10	13.84
6	8.1752	0.0048	6	15.09
15	10.8839	0.0100	20	

14	9.5469	0.0070	10	8.95
5	9.9432	0.0066	11	8.02
12	11.4161	0.0124	14	31.99
5	11.6347	0.0174	24	
4	11.3773	0.0129	21	55.30
3	8.2881	0.0073	6	
6	11.7118	0.0132	23	21.16
9	11.1864	0.0174	21	22.68
7	11.0627	0.0090	25	70.32
19	11.4373	0.0119	8	36.86
1	10.8390	0.0092	19	24.88
4	10.5662	0.0075	21	57.61
0	7.6775	0.0125	13	98.82
3	11.3222	0.0190	10	18.29
4	11.1660	0.0274	15	25.57
2	9.4411	0.0073	5	
2	11.5581	0.0095	21	21.16
6	11.0707	0.0264	12	
3	10.3832	0.0101	16	21.30
9	10.8818	0.0098	22	8.17
1	11.7782	0.0254	11	23.87
3	9.5370	0.0220	13	27.49

4	11.4635	0.0231	25	34.80
5	11.4577	0.0126	11	69.68
6	11.6153	0.0137	11	72.56
2	10.7164	0.0133	9	132.68
3	11.6345	0.0277	13	40.58
3	11.8154	0.0130	28	17.11
6	11.4223	0.0168	17	
3	10.4331	0.0115	5	
3	11.2501	0.0224	4	
3	10.4898	0.0104	6	54.38
7	10.6709	0.0214	3	
0	6.0485	0.0050	18	8.26
0	6.3560	0.0072	15	106.02
0	6.4245	0.0050	19	31.20
0	6.0944	0.0053	17	12.64
0	7.2197	0.0063	14	34.03
1	11.7688	0.0434	9	

vbroad_error	vbroad_nb_transits	phot_variable_flag	non_single_star	has_rvs	r_med_geo
		NOT_AVAILABLE		0 #####	
0.93	12	NOT_AVAILABLE		2 #####	121.03476
4.66	28	NOT_AVAILABLE		0 #####	160.789673
1.24	13	NOT_AVAILABLE		0 #####	134.249557
		NOT_AVAILABLE		0 #####	
		NOT_AVAILABLE		0 #####	
1.89	20	NOT_AVAILABLE		0 #####	94.301651
3.34	10	NOT_AVAILABLE		0 #####	
		NOT_AVAILABLE		0 #####	45.3700829
20.23	11	NOT_AVAILABLE		0 #####	
		NOT_AVAILABLE		0 #####	
		NOT_AVAILABLE		0 #####	48.1955643
41.44	8	NOT_AVAILABLE		0 #####	
32.94	7	NOT_AVAILABLE		0 #####	
0.63	19	NOT_AVAILABLE		1 #####	45.0044212
11.41	14	NOT_AVAILABLE		0 #####	
10.09	12	NOT_AVAILABLE		0 #####	
10.97	15	NOT_AVAILABLE		0 #####	
		NOT_AVAILABLE		0 #####	
0.80	11	NOT_AVAILABLE		2 #####	
		NOT_AVAILABLE		0 #####	
		NOT_AVAILABLE		0 #####	
		NOT_AVAILABLE		0 #####	
22.28	6	NOT_AVAILABLE		0 #####	
3.42	12	NOT_AVAILABLE		0 #####	
13.38	14	NOT_AVAILABLE		0 PRAVDA	173.501877
0.92	17	NOT_AVAILABLE		0 #####	24.809845
		NOT_AVAILABLE		0 #####	
		NOT_AVAILABLE		2 #####	
24.26	36	NOT_AVAILABLE		0 #####	
18.11	7	NOT_AVAILABLE		0 #####	
4.70	14	NOT_AVAILABLE		0 #####	
1.77	15	NOT_AVAILABLE		0 #####	
		NOT_AVAILABLE		0 #####	
		NOT_AVAILABLE		0 #####	
		NOT_AVAILABLE		0 #####	
		NOT_AVAILABLE		0 #####	
		VARIABLE		0 #####	
3.47	11	NOT_AVAILABLE		0 #####	
		NOT_AVAILABLE		2 #####	147.038483
		NOT_AVAILABLE		2 #####	95.2303619
		NOT_AVAILABLE		0 #####	
15.21	17	VARIABLE		0 #####	
2.14	16	NOT_AVAILABLE		0 #####	
		NOT_AVAILABLE		2 #####	
		VARIABLE		0 #####	
8.49	7	NOT_AVAILABLE		0 #####	
7.90	9	NOT_AVAILABLE		0 #####	
		NOT_AVAILABLE		3 #####	
		NOT_AVAILABLE		0 #####	

	NOT_AVAILABLE	0	PRAVDA	
1.42	14 NOT_AVAILABLE	0	PRAVDA	136.093384
	NOT_AVAILABLE	0	#####	
1.06	25 NOT_AVAILABLE	0	#####	58.4405899
11.76	12 NOT_AVAILABLE	0	PRAVDA	
28.21	9 NOT_AVAILABLE	0	PRAVDA	
	NOT_AVAILABLE	0	#####	
	NOT_AVAILABLE	2	#####	
	NOT_AVAILABLE	0	#####	
13.96	16 NOT_AVAILABLE	0	#####	
2.38	7 NOT_AVAILABLE	0	#####	
4.22	11 NOT_AVAILABLE	0	#####	
4.32	16 NOT_AVAILABLE	0	#####	
0.50	7 NOT_AVAILABLE	0	#####	45.3033867
2.59	14 NOT_AVAILABLE	0	PRAVDA	
0.42	20 NOT_AVAILABLE	0	#####	45.6713791
	NOT_AVAILABLE	0	#####	
2.57	8 NOT_AVAILABLE	0	#####	
	NOT_AVAILABLE	2	#####	
	NOT_AVAILABLE	0	#####	
	NOT_AVAILABLE	0	#####	
2.19	8 NOT_AVAILABLE	2	#####	
	NOT_AVAILABLE	0	#####	
23.41	9 NOT_AVAILABLE	0	#####	
	NOT_AVAILABLE	0	#####	
	NOT_AVAILABLE	0	#####	
36.09	12 NOT_AVAILABLE	0	#####	
11.48	14 NOT_AVAILABLE	0	#####	
	NOT_AVAILABLE	0	#####	
17.64	13 NOT_AVAILABLE	0	PRAVDA	
	NOT_AVAILABLE	0	#####	
	NOT_AVAILABLE	0	#####	
	NOT_AVAILABLE	0	#####	
	NOT_AVAILABLE	0	#####	
1.50	23 NOT_AVAILABLE	0	#####	86.2479935
	NOT_AVAILABLE	0	#####	
	NOT_AVAILABLE	0	#####	
	NOT_AVAILABLE	0	PRAVDA	137.776871
	VARIABLE	0	#####	
2.10	18 NOT_AVAILABLE	0	PRAVDA	
	NOT_AVAILABLE	0	#####	
0.30	7 NOT_AVAILABLE	0	#####	47.3046684
	NOT_AVAILABLE	0	#####	159.931961
	NOT_AVAILABLE	0	#####	
	NOT_AVAILABLE	0	#####	
3.10	7 NOT_AVAILABLE	0	PRAVDA	
9.74	8 NOT_AVAILABLE	0	#####	
	NOT_AVAILABLE	0	#####	
	NOT_AVAILABLE	0	#####	
	NOT_AVAILABLE	0	#####	

18.46	8 NOT_AVAILABLE	0 #####	
46.93	7 NOT_AVAILABLE	0 #####	
	NOT_AVAILABLE	0 #####	
	NOT_AVAILABLE	0 #####	
30.23	14 NOT_AVAILABLE	0 #####	
	NOT_AVAILABLE	0 #####	
	NOT_AVAILABLE	0 #####	
6.32	14 NOT_AVAILABLE	0 #####	
	NOT_AVAILABLE	0 #####	
5.52	10 NOT_AVAILABLE	0 #####	
	VARIABLE	0 #####	
	VARIABLE	0 #####	
	NOT_AVAILABLE	0 #####	
21.41	11 NOT_AVAILABLE	0 #####	
7.48	14 NOT_AVAILABLE	0 PRAVDA	
	VARIABLE	0 #####	
	NOT_AVAILABLE	0 #####	
	NOT_AVAILABLE	0 #####	48.0420074
42.71	11 NOT_AVAILABLE	0 #####	
127.37	7 NOT_AVAILABLE	0 PRAVDA	
79.17	7 NOT_AVAILABLE	0 #####	
	VARIABLE	0 #####	
20.98	14 NOT_AVAILABLE	0 #####	
	NOT_AVAILABLE	0 #####	
2.73	6 NOT_AVAILABLE	0 #####	136.015488
5.28	14 VARIABLE	0 #####	
	NOT_AVAILABLE	2 #####	
	NOT_AVAILABLE	0 #####	
	NOT_AVAILABLE	0 #####	
12.44	23 VARIABLE	0 #####	
	NOT_AVAILABLE	0 #####	
	VARIABLE	0 #####	
3.77	16 NOT_AVAILABLE	0 #####	
	NOT_AVAILABLE	0 #####	
5.15	8 NOT_AVAILABLE	0 PRAVDA	
	NOT_AVAILABLE	0 #####	
7.43	11 NOT_AVAILABLE	0 #####	
12.81	12 NOT_AVAILABLE	0 #####	
23.40	7 VARIABLE	0 #####	
	NOT_AVAILABLE	0 #####	
	NOT_AVAILABLE	0 #####	
	NOT_AVAILABLE	0 #####	174.21991
	NOT_AVAILABLE	0 #####	
	NOT_AVAILABLE	0 PRAVDA	
	NOT_AVAILABLE	0 #####	
33.42	12 VARIABLE	0 #####	
	NOT_AVAILABLE	0 #####	
1.09	10 NOT_AVAILABLE	0 PRAVDA	137.082153
	NOT_AVAILABLE	0 #####	
0.92	6 NOT_AVAILABLE	0 #####	
	NOT_AVAILABLE	2 #####	

4.06	9 NOT_AVAILABLE	0 #####	
6.17	10 NOT_AVAILABLE	0 #####	
	NOT_AVAILABLE	0 #####	
20.03	8 NOT_AVAILABLE	0 #####	
	NOT_AVAILABLE	0 #####	
	VARIABLE	0 #####	
	VARIABLE	2 #####	
41.17	20 NOT_AVAILABLE	0 #####	
	NOT_AVAILABLE	0 #####	
	NOT_AVAILABLE	0 #####	
	VARIABLE	0 #####	
	NOT_AVAILABLE	0 #####	
	NOT_AVAILABLE	0 #####	
	NOT_AVAILABLE	0 #####	
	NOT_AVAILABLE	0 PRAVDA	
37.10	10 NOT_AVAILABLE	0 #####	
	NOT_AVAILABLE	0 #####	
31.64	20 NOT_AVAILABLE	0 #####	
	NOT_AVAILABLE	0 #####	
57.30	19 NOT_AVAILABLE	0 #####	
	NOT_AVAILABLE	0 #####	
24.64	7 NOT_AVAILABLE	0 #####	
	NOT_AVAILABLE	0 #####	
6.36	18 NOT_AVAILABLE	0 #####	
	NOT_AVAILABLE	0 #####	
12.57	20 NOT_AVAILABLE	0 #####	
7.74	10 NOT_AVAILABLE	0 #####	127.831871
	NOT_AVAILABLE	0 #####	
	VARIABLE	0 #####	
12.57	9 NOT_AVAILABLE	0 #####	
	NOT_AVAILABLE	0 #####	
	NOT_AVAILABLE	0 #####	
	NOT_AVAILABLE	0 #####	
20.96	14 NOT_AVAILABLE	0 #####	
	VARIABLE	0 #####	
	VARIABLE	0 #####	
121.66	19 NOT_AVAILABLE	0 #####	
	NOT_AVAILABLE	0 #####	
	NOT_AVAILABLE	0 #####	
	NOT_AVAILABLE	0 #####	
	VARIABLE	0 #####	
15.35	15 NOT_AVAILABLE	0 #####	
	NOT_AVAILABLE	0 #####	
	VARIABLE	0 #####	
	NOT_AVAILABLE	0 #####	
8.21	22 NOT_AVAILABLE	0 #####	
	NOT_AVAILABLE	0 #####	
	NOT_AVAILABLE	0 #####	
	NOT_AVAILABLE	0 #####	
16.31	6 NOT_AVAILABLE	0 #####	
3.39	12 VARIABLE	2 #####	

		NOT_AVAILABLE	0 #####	
		NOT_AVAILABLE	0 #####	
		NOT_AVAILABLE	0 #####	
33.42	22	NOT_AVAILABLE	0 #####	
		NOT_AVAILABLE	0 #####	
83.82	10	NOT_AVAILABLE	0 #####	
65.53	9	NOT_AVAILABLE	0 #####	
		NOT_AVAILABLE	0 #####	
		VARIABLE	0 #####	
		NOT_AVAILABLE	0 #####	
99.47	9	NOT_AVAILABLE	0 #####	
69.10	9	NOT_AVAILABLE	0 #####	
		VARIABLE	0 #####	
37.52	8	NOT_AVAILABLE	0 #####	
		NOT_AVAILABLE	0 #####	
		NOT_AVAILABLE	0 #####	
		NOT_AVAILABLE	0 #####	
		NOT_AVAILABLE	0 #####	
		NOT_AVAILABLE	0 #####	
		NOT_AVAILABLE	0 #####	
		NOT_AVAILABLE	0 #####	
		NOT_AVAILABLE	0 #####	
		NOT_AVAILABLE	0 #####	
		NOT_AVAILABLE	0 #####	
13.41	6	NOT_AVAILABLE	0 #####	
		VARIABLE	0 #####	
		NOT_AVAILABLE	0 #####	
		NOT_AVAILABLE	0 #####	
		NOT_AVAILABLE	0 PRAVDA	
		NOT_AVAILABLE	0 #####	85.2464981
0.86	14	NOT_AVAILABLE	0 #####	84.2219238
1.33	12	NOT_AVAILABLE	0 #####	84.7561035
		NOT_AVAILABLE	0 #####	83.6462479
0.71	15	NOT_AVAILABLE	0 #####	84.5812378
0.65	14	NOT_AVAILABLE	0 #####	85.0856628
		NOT_AVAILABLE	0 #####	
1.30	10	NOT_AVAILABLE	0 #####	106.122269
		NOT_AVAILABLE	0 #####	
		NOT_AVAILABLE	0 #####	
		VARIABLE	0 #####	
		NOT_AVAILABLE	0 #####	

r_med_photgeo	Source	RA_ICRS	DE_ICRS	mass16	mass50	mass84
	0 3112503838100168064	103.4213201	-0.5694145	1.343	1.433	1.499
121.279762						
160.744324	0 418831539835312384	8.2226447	57.1848693	1.558	1.688	1.799
134.318573	0 68306099020642432	56.0012213	24.5567929	1.614	1.787	1.934
	0 942757008080290048	96.0187608	35.7443786	1.385	1.615	1.759
4.013	3451985101220374400	90.3006522	35.2716184	0.951	1.106	1.243
94.2558136	0 3215630405220742912	84.5637944	-4.1083321	1.695	1.804	1.902
45.4098778						
	0 1965035361417045760	318.5415734	38.6717069	1.870	2.191	2.423
	0 3326140429144285440	98.6528088	8.3743400	2.687	2.958	2.993
48.2309418						
	0 337182253025154176	40.8152505	42.9522958	1.479	1.677	1.786
	0 3029919592765618304	114.0411512	-14.6715067	1.564	1.760	1.974
44.9399834						
	0 5357556537356380160	155.4510232	-51.8361373	1.556	1.693	1.890
	0 260999016486018944	72.2220000	52.5175143	1.715	1.805	2.284
	0 2013522385393935232	344.1432368	59.4622502	1.678	1.738	1.863
	0 3433662839452831744	95.9286046	28.5876465	1.640	1.670	1.849
	0 5321582715910437376	129.8186965	-52.3137332	1.458	1.550	1.647
	0 3435234655749875200	97.0509336	29.6310326	1.702	1.934	2.277
	0 5338659295415520384	166.5465282	-58.7664118	1.733	1.886	2.005
	0 3220857895815103872	83.4655195	-0.0767818	2.162	2.246	2.744
	0 5807992263304737792	256.4452486	-70.3982003	1.549	1.693	1.761
173.665573	0 45567820600586240	61.9777697	16.5305537	2.638	2.660	2.788
24.7639027						
	0 5249564154539418752	148.3980205	-64.1922666	1.531	1.657	1.739
	0 4477214822952598528	276.7649137	6.4315277	1.802	1.928	2.426
	0 2926994824683234944	101.5886102	-20.8562021	1.938	1.982	2.254
	0 945471564850314624	101.8197092	40.8376834	1.613	1.730	1.901
	0 1835118514902246528	301.3230799	26.5145435	1.536	1.690	1.751
	0 661290758744228224	130.0752332	19.5319360	1.877	2.174	2.276
	0 853037683885957632	155.2737049	55.5679406	1.668	1.930	2.186
	0 3127258837469863296	100.8369279	2.7680936	1.445	1.577	1.681
	0 52744642232957184	62.7119203	22.2135641	1.342	1.577	1.650
	0 4040823326499265536	268.6398876	-34.7488147	1.475	1.694	1.956
	0 3128060351384986624	103.4114695	3.4021039	1.482	1.668	1.795
	0 4477223820897301248	276.8712728	6.5890233	2.061	2.167	2.488
147.075195						
95.1983795	0 1739879367436438400	318.3706883	7.1673804	1.611	1.635	1.636
	0 364936224316342912	9.2216533	33.7094240	1.418	1.580	1.727
	0 2069769311452939392	308.2266191	43.3721928	1.330	1.441	1.543
	0 661297321454333312	130.0862812	19.6866771	1.841	1.866	2.005
	0 5290672695270366592	119.6335566	-60.8975159	1.538	1.675	1.751
	0 182519243748537344	81.3680702	33.7312760	1.580	1.724	1.844
	0 3139486819817895040	110.0180836	4.1806130	1.437	1.486	1.591
	0 4473687177317598336	266.2536777	5.5228616	1.814	2.108	2.350
	0 3371875302496497792	99.0311254	19.5584168	1.593	1.892	1.980
	0 2030067183556796800	299.8267526	29.5818085	1.792	1.842	2.091

	0 3064540529557052416	123.1797863	-5.5885269	1.555	1.597	1.758
136.210022	0 64929391436043264	57.4206048	23.3413696	1.558	1.638	1.803
	0 5338661808024777856	166.3869425	-58.7304889	2.220	2.247	2.799
58.4450455	0 2907397747897070336	84.0430257	-28.7080270	1.451	1.599	1.747
	0 3064482294097982208	123.4956633	-5.8444906	1.820	1.987	2.201
	0 138253627165829888	48.9848934	35.7083304	1.466	1.557	1.669
	0 3115480941932942336	105.6145786	2.0386946	1.335	1.428	1.591
	0 3113601494302329472	102.9156344	0.6911746	1.584	1.682	1.900
	0 271675270091583232	63.8376384	51.3574979	1.577	1.711	1.951
	0 966833254711456256	101.9566509	48.2979088	1.386	1.453	1.644
	0 954209173301594496	105.0466209	45.2438016	1.583	1.673	1.899
	0 945473626434606976	101.8882998	40.9035345	1.599	1.844	1.965
	0 2090735108414133120	282.5289754	33.3853348	1.342	1.455	1.530
45.3335953						
	0 4040847760668408832	268.6130332	-34.4667470	3.165	3.894	4.175
45.6387062						
	0 183346931186059776	82.2112140	35.7567316	1.600	1.794	1.958
	0 1888598657376560384	339.2622458	30.5902947	1.754	1.939	2.138
	0 661268253115601792	129.9905403	19.5414206	1.730	1.757	1.910
	0 1869154103493503872	312.6906816	33.8104798	1.929	2.166	2.370
	0 183300682978217728	82.4056888	35.7455024	1.439	1.727	1.982
	0 2877047790994974080	0.2836889	35.7466426	1.764	1.767	1.898
	0 2927019529334958848	101.5406853	-20.5909380	1.711	1.748	1.824
	0 1963606305532820864	320.9871041	36.1785659	1.372	1.547	1.603
	0 5948755860757947264	266.2739816	-47.1801162	1.471	1.582	1.645
	0 2127997042083463936	294.3534167	45.7169052	1.479	1.746	1.847
	0 3030026588989698048	114.0608350	-14.5697928	1.554	1.765	1.898
	0 4477231281267550080	276.6132965	6.5269972	1.498	1.584	1.687
	0 3116944082669558272	95.5559700	-3.1832443	1.638	1.662	1.769
	0 3217786616242183424	84.0244668	-0.3282122	2.505	2.677	2.858
	0 1978648487910597504	322.9565256	48.4817405	1.677	1.808	2.016
	0 2067419345868633600	307.2064786	40.6490051	1.688	1.788	1.984
	0 3132826867431756800	102.7756849	6.2259527	1.536	1.569	1.623
	0 3375885079667828608	95.7174856	21.0862874	1.635	1.821	2.146
86.1834564	0 4008227724472564864	185.3613539	24.9969855	1.335	1.503	1.656
	0 3110130988929059328	109.0145370	-0.9356220	1.383	1.507	1.628
	0 661291136701346304	130.1123709	19.5447584	2.459	2.526	2.722
137.821075	0 65207709611941376	56.8518214	23.9144779	1.914	2.089	2.278
	0 942819783322707840	96.8536740	35.9921193	1.593	1.758	1.912
	0 5338662289061289472	166.2297461	-58.7495915	2.967	3.147	3.449
	0 3153001741868736384	107.0573116	6.6263542	1.232	1.432	1.587
47.2951584						
159.736862	0 2167272967518154624	313.6085216	48.9298259	1.561	1.686	1.887
	0 954976357539960960	95.9643105	36.9589217	1.448	1.555	1.651
	0 4474106297406021632	266.6517539	6.1205852	2.850	3.406	3.961
	0 2204463918269731072	328.4697609	62.6345181	1.636	1.757	1.918
	0 6704782087543886464	278.1021588	-48.8721216	1.738	1.880	2.167
	0 2030176310093960448	300.7165223	29.8218202	1.719	1.898	2.150
	0 945432910144840064	101.7015582	40.3880319	1.723	2.075	2.244
	0 968525471826352000	95.1953803	46.7643466	1.364	1.493	1.640
	0 3345225339662644608	92.5262050	14.2627143	1.392	1.543	1.590

	0 5338663251133967616	166.1991169	-58.6587226	1.685	1.791	1.856
	0 3444548588684710272	85.1237302	30.6047319	1.499	1.559	1.698
	0 1991458382473970432	349.8524638	50.8710221	1.485	1.617	1.746
	0 5807090010937964416	247.2651246	-70.5023680	1.511	1.628	1.791
	0 951670366592305280	102.0365986	41.2106119	1.274	1.374	1.523
	0 865401619125252608	114.6223540	21.5752651	0.763	2.171	2.367
	0 2004641561267854464	333.9723170	53.9673353	3.427	3.925	4.730
	0 274241362732108672	71.3545527	55.0831281	1.877	2.137	2.549
	0 400290092993766656	22.0929636	48.7787836	1.461	1.628	1.700
	0 951699164349694976	101.8075680	41.6246085	1.398	1.510	1.616
	0 183365970780899072	82.1735457	36.0203092	1.348	1.490	1.591
	0 3331822254261577344	93.6525855	11.5697724	1.590	1.676	2.037
	0 661322060465742336	130.0475531	19.9710744	2.208	2.465	2.853
	0 3087960646923284096	120.6464289	2.2884898	1.366	1.430	1.534
	0 1978656218831726848	323.0610218	48.6394144	2.030	2.308	2.531
	0 3394759094406004480	78.0981420	16.8156950	1.532	1.665	1.823
	0 963062651383624576	90.1208363	45.5489858	1.417	1.437	1.689
48.0124092						
	0 187093929376637696	79.6636483	37.1020915	1.533	1.641	1.753
	0 3345268594274500096	91.9262090	14.3488442	1.475	1.642	1.739
	0 3375172256830894976	91.9583348	20.2636723	1.549	1.609	1.788
	0 3377448142822741120	94.9764006	23.1494468	1.640	1.775	1.825
	0 1984260768899534208	343.2246376	46.7638376	1.536	1.614	1.747
	0 2079914947621734400	294.1465224	45.1286354	1.648	1.829	2.016
136.008667						
	0 64933759417769984	57.1829904	23.2596150	1.570	1.673	1.845
	0 2014001871236711936	348.2605527	60.3591008	1.434	1.547	1.628
	0 268244866827784832	85.7935607	56.5373603	1.448	1.585	1.694
	0 4658714677689040640	79.5087328	-68.3553530	2.393	2.436	2.992
	0 2170750761468059392	321.6688391	48.5798743	1.536	1.598	1.728
	0 1987866999545593856	337.4247597	48.8894775	1.275	1.285	1.420
	0 5510540588065227904	109.1497770	-46.2379733	2.031	2.094	2.271
	0 5340149241088915712	166.7133568	-58.7067673	2.835	2.899	3.247
	0 280808019831595008	76.6219461	57.8945812	1.454	1.551	1.625
	0 435140149130984320	48.3292488	47.7958769	1.440	1.495	1.593
	0 4658761887972710144	79.6859252	-67.6593861	1.677	1.736	1.979
	0 3366470343851591936	106.9974209	19.9607941	1.346	1.459	1.667
	0 2009643548883018112	350.7265911	58.0137669	1.499	1.599	1.738
	0 2026834138316792960	298.6115377	25.7982922	1.443	1.553	1.603
	0 434554487386834560	44.5602966	47.4188791	1.468	1.543	1.679
	0 423493366057379072	15.1510336	55.5218621	1.573	1.744	1.940
	0 2128132556891272320	294.3626714	46.3815420	1.404	1.594	1.693
174.333313						
	0 4839725112282144640	67.0082841	-42.7538455	1.538	1.629	1.723
	0 182660324835122048	82.1317653	34.4829171	1.463	1.594	1.746
	0 4658812053194570240	79.1861549	-67.5435137	2.377	2.741	2.926
	0 5948764691213154176	265.8472845	-47.5646483	1.538	1.723	1.805
	0 2025481361110620544	293.6774545	28.2774698	1.754	1.840	1.924
	0 3064536067088101504	123.2285731	-5.6797915	1.495	1.543	1.643
137.045593						
	0 66715273197982848	56.8307004	24.1389201	1.584	1.703	1.817
	0 2081881355448238720	301.0804734	44.1232682	1.953	2.062	2.282
	0 5318567958108066944	130.0066464	-52.7033803	1.370	1.550	1.653
	0 188488762954006016	77.6242010	39.2769596	2.149	2.312	2.693

0	507532338299505920	32.5395969	60.3249194	1.730	2.167	2.604	
0	4477227982735117440	276.8342000	6.6485512	1.362	1.577	1.764	
0	456330590054201984	31.1357039	54.3675999	1.702	1.784	1.922	
0	2005011061580230912	335.4347560	54.5566036	2.167	2.186	2.334	
0	195096316740023552	79.4003432	41.6845820	1.416	1.510	1.694	
0	206042710912025600	72.7932916	43.5959673	1.689	1.795	2.134	
0	1983962388931972864	342.5415488	46.1890462	1.412	1.502	1.636	
0	192697491604454144	86.4239697	41.5284912	1.346	1.488	1.621	
0	2075875552369147904	300.9011183	44.0473276	1.773	1.979	2.187	
0	3394755486633539584	78.0692286	16.6841783	1.463	1.629	1.800	
0	1964813161291727104	319.4803369	38.3029589	1.399	1.509	1.731	
0	3426309301393630080	92.4091139	24.5842093	1.430	1.582	1.695	
0	3426281886618521728	92.0968216	24.3882861	1.421	1.555	1.630	
0	2085197658620931968	299.7552824	45.5525549	1.456	1.542	1.803	
0	661319552204833024	130.2370595	19.9347962	1.563	1.709	1.777	
0	270665540461150592	65.2931811	50.1927356	1.548	1.626	1.700	
0	244283209928155648	58.4106438	46.0261251	1.402	1.557	1.697	
0	170829648434312960	62.8298959	34.5035502	1.362	1.593	1.760	
0	1989240736244940672	343.9551446	51.3287043	1.543	1.633	1.792	
0	1984191744484890240	341.7813342	46.4392176	1.524	1.587	1.698	
0	195557660649524096	83.1188183	43.2111343	1.549	1.686	1.859	
0	2005132317096030464	336.6988764	55.0172628	2.190	2.237	2.273	
0	233778097879472768	64.5345494	46.2501980	1.699	1.838	1.947	
0	274242634040878336	71.6519314	55.1794659	1.570	1.745	1.840	
0	942821806250968320	96.8879823	36.0777806	1.332	1.485	1.600	
0	3294768373105579904	72.0629841	11.0093773	1.462	1.776	1.941	
127.810448	0	5263920473552849408	107.6249402	-72.3426894	1.506	1.635	1.783
0	3382210917956987520	98.4913137	22.2805270	1.530	1.546	1.800	
0	206064735502854528	72.7199930	43.9084695	1.585	1.751	1.994	
0	212627784827385984	81.4195421	48.4874181	1.423	1.655	1.737	
0	3377428347316647296	95.0672446	22.9101647	1.527	1.814	2.034	
0	3374793676936484480	91.8970648	20.1380347	1.448	1.650	1.759	
0	3453681785100987776	91.1819920	36.7014794	1.648	1.950	2.118	
0	274449853326037120	71.5781794	55.4972110	1.567	1.714	2.050	
0	1978441951523767168	323.2544840	48.2348531	1.424	1.567	1.754	
0	453660048109361280	43.5223529	55.2239647	1.404	1.699	2.142	
0	273463217735731712	73.4990741	54.6348657	1.555	1.726	1.952	
0	183364145417644160	82.1544170	35.9769444	1.323	1.492	1.583	
0	3426262576445945344	92.1488211	24.2537763	1.414	1.580	1.731	
0	181171272552565376	80.4823141	33.3784167	1.607	1.756	1.835	
0	269245658630851840	84.5662074	57.0245086	1.620	1.714	1.837	
0	3445205168927696512	86.7318690	32.1483256	1.622	1.867	2.030	
0	2076066351994581120	300.8165753	44.2183212	1.603	1.714	1.818	
0	4283927722544152576	279.6542718	5.0264636	2.058	2.417	2.726	
0	3294744905404303616	72.2236789	10.7117142	1.404	1.527	1.706	
0	3368697576454232320	95.5726356	14.6240590	1.478	1.613	1.708	
0	4372778329448528640	266.9825499	1.3497965	1.329	1.410	1.528	
0	423486318006267008	15.1502799	55.3649119	1.706	1.799	1.904	
0	139218616121308288	48.6503022	36.9685689	1.365	1.449	1.535	
0	203866292062876416	68.4788865	40.9133435	1.525	1.592	1.661	

	0 182618646471746176	82.2363264	34.2258125	1.929	2.027	2.287
	0 3418477346924711424	76.2519023	23.5360508	1.237	1.394	1.496
	0 1990587908566162432	344.7159395	54.1563605	1.600	1.787	1.907
	0 274284342463700864	71.7505841	55.4500515	1.399	1.581	1.683
	0 3429745103428651392	90.6604437	26.1710826	4.992	5.584	7.902
	0 206299683094193024	74.5772037	45.3693117	1.412	1.578	1.769
	0 3403245533170152704	86.1217155	21.8272445	1.950	1.967	2.011
	0 3446809631267385344	80.1084124	30.2514011	1.693	1.812	1.936
	0 225759497014865152	63.4015015	37.6159112	1.320	1.429	1.632
	0 4273851209555523328	277.9709634	1.6235691	1.300	1.471	1.949
	0 246499580550740992	63.4952556	49.1460098	1.150	1.470	1.619
	0 505794972494480512	27.1467420	57.7352438	1.496	1.596	1.733
	0 154335633988977280	71.4876381	26.7232907	1.388	1.550	1.660
	0 3418695874860692736	76.1868561	23.8521444	1.405	1.477	1.731
	0 434875785302958976	48.8109984	47.1788629	1.575	1.649	1.785
	0 256872583705407616	67.3026830	46.2175006	1.412	1.509	1.606
	0 423480584234852736	15.1409111	55.2183168	1.528	1.647	1.721
	0 442244845370098816	53.4593444	51.2665711	1.508	1.663	1.951
	0 200979940900703744	77.3535754	40.4675461	1.452	1.593	1.996
	0 3408356823426209664	75.4946400	19.7757426	1.194	1.277	1.488
	0 337099617854498688	40.6922093	42.4644646	1.528	1.691	1.856
	0 3127892160466596096	104.7052798	3.0707019	1.535	1.563	1.639
	0 3142519307246004352	111.1744733	6.9501566	1.456	1.577	1.714
	0 3059845378689854592	110.0301870	-3.8080873	1.425	1.585	1.652
	0 3342851528417997440	88.7414212	11.3709772	1.642	1.882	2.268
	0 3383777309709400448	96.8594615	25.0560660	1.491	1.555	1.683
	0 3113576690873416960	102.9171778	0.4519469	2.013	2.039	2.209
85.2648468	0 4008571356215936896	184.7583776	26.0083116	1.666	1.794	1.972
84.2565536	0 3953900747569804928	184.8299102	23.0346298	1.750	1.882	2.120
84.6871948	0 4010203993544316032	184.9608729	28.4643160	1.610	1.861	1.956
83.3750305						
84.5162201	0 4008390933229933184	186.9097878	25.9120656	1.681	1.767	1.919
85.0693817	0 3959212286380277632	188.3925221	24.2829442	1.738	1.770	2.042
	0 335146575966201088	40.6185600	40.2556935	1.686	1.779	2.055
106.219269	0 2418919297570805888	357.6154512	-14.9837429	1.680	1.720	1.754
	0 3135766136891650048	111.2450612	2.2366033	1.535	1.650	1.753
	0 3116838422174509568	95.1959324	-3.4865032	1.755	1.922	2.089
	0 3329295134163716096	91.5626002	8.5749199	1.476	1.658	1.807
	0 888515312046165120	103.7955823	29.8960684	1.859	1.999	2.186

teff16	teff50	teff84	logg16	logg50	logg84	met16	met50	met84	dist05	dist16	dist50
7307	7594	7869	4.241	4.305	4.331	-0.43	-0.22	-0.10	1.4826	1.5050	1.5765
7647	8010	8261	4.140	4.158	4.195	-0.43	-0.01	0.10	0.1589	0.1597	0.1607
8611	9405	10159	4.264	4.328	4.385	-0.58	-0.39	-0.19	0.1328	0.1332	0.1349
8125	8631	9328	4.253	4.341	4.394	-0.62	-0.32	-0.20	0.3962	0.3987	0.4049
6077	6301	6532	4.129	4.237	4.304	-0.61	-0.27	0.11	0.2736	0.2758	0.2788
8613	9019	9076	4.233	4.265	4.290	-0.41	-0.21	0.02	0.0937	0.0939	0.0941
8034	9270	9962	3.935	4.040	4.121	-0.22	-0.11	0.20	0.5404	0.5513	0.5531
8890	10758	10856	3.651	3.762	3.769	-0.21	-0.20	0.10	1.2745	1.3113	1.3154
7659	8310	9024	4.187	4.278	4.332	-0.43	-0.22	0.01	0.4754	0.4813	0.4901
8415	8732	9174	4.151	4.216	4.284	-0.54	-0.21	0.09	0.4603	0.4675	0.4732
8221	8736	9654	4.230	4.289	4.375	-0.50	-0.31	-0.10	0.4670	0.4708	0.4770
7470	8142	10988	4.101	4.137	4.356	-0.32	0.01	0.29	0.2889	0.2916	0.2949
8637	9025	9916	4.308	4.339	4.394	-0.51	-0.22	-0.10	0.4044	0.4081	0.4112
6935	7200	7874	3.897	3.906	3.981	-0.12	-0.03	0.19	0.6458	0.6572	0.6656
7943	8260	8738	4.265	4.282	4.320	-0.51	-0.22	-0.10	0.1481	0.1494	0.1508
7927	8644	9544	3.957	4.030	4.114	-0.41	-0.09	0.19	0.4616	0.4642	0.4695
8463	9017	9651	4.193	4.233	4.291	-0.42	-0.11	0.11	0.4651	0.4750	0.4793
9606	10551	11209	4.086	4.185	4.283	-0.32	-0.10	0.20	0.3122	0.3142	0.3169
7968	8347	8778	4.267	4.304	4.341	-0.42	-0.10	0.10	0.2138	0.2147	0.2158
11889	11943	12327	4.271	4.278	4.318	-0.30	-0.18	-0.09	0.1707	0.1710	0.1734
7467	7887	8365	4.144	4.211	4.235	-0.21	-0.10	0.11	0.2127	0.2135	0.2146
7631	7952	9378	3.833	3.881	4.023	-0.30	-0.02	0.20	0.3753	0.3772	0.3840
8668	9269	10444	4.125	4.139	4.244	-0.32	-0.02	0.12	0.6920	0.6950	0.7056
7973	8374	9080	4.137	4.178	4.247	-0.35	-0.08	0.10	0.4984	0.5031	0.5101
7964	8225	8795	4.247	4.291	4.316	-0.43	-0.01	0.02	0.4378	0.4433	0.4484
8161	8429	9673	3.887	3.951	4.041	-0.31	-0.10	0.20	0.1811	0.1816	0.1834
7960	8813	9242	3.978	4.034	4.067	-0.43	-0.32	0.09	0.2299	0.2406	0.2569
7882	8029	8418	4.228	4.280	4.308	-0.51	-0.21	-0.01	0.2921	0.2949	0.2972
7078	7714	8341	4.192	4.269	4.336	-0.43	-0.11	0.11	0.6886	0.6927	0.7055
8529	8679	8955	4.129	4.201	4.265	-0.81	-0.33	0.09	0.2737	0.2753	0.2782
8162	8565	9043	4.207	4.276	4.333	-0.61	-0.22	-0.08	1.2509	1.2748	1.3122
8431	9301	9947	3.896	3.937	4.021	-0.50	-0.20	0.20	0.3818	0.3832	0.3906
7206	7790	7848	4.028	4.049	4.050	-0.23	-0.20	-0.03	0.0942	0.0950	0.0951
7870	8143	8475	4.197	4.238	4.302	-0.62	-0.13	0.01	0.1709	0.1721	0.1737
7270	7511	7789	4.199	4.235	4.280	-0.44	-0.23	-0.01	0.4610	0.4659	0.4711
7974	8478	8496	3.896	3.909	3.971	-0.43	-0.41	-0.01	0.1807	0.1821	0.1856
7957	8395	9045	4.157	4.207	4.258	-0.43	-0.30	-0.11	0.3973	0.4009	0.4063
8187	8982	9438	4.164	4.309	4.363	-0.50	-0.21	-0.10	0.9707	0.9843	1.0406
7868	8224	8721	4.270	4.314	4.354	-0.61	-0.32	-0.11	0.4250	0.4277	0.4403
8353	9108	10101	3.940	4.027	4.110	-0.43	-0.11	0.20	0.3206	0.3229	0.3255
7496	7652	8168	3.916	3.926	3.962	-0.52	-0.08	0.08	0.1821	0.1922	0.2118
8231	8442	8929	4.097	4.136	4.192	-0.29	-0.01	0.20	0.6687	0.6806	0.6877

7860	8044	8416	4.193	4.219	4.293	-0.24	-0.21	0.10	0.6587	0.6893	0.7382
8088	8500	9390	4.239	4.283	4.346	-0.49	-0.30	-0.01	0.1333	0.1343	0.1362
9093	9290	10401	3.853	3.860	3.984	-0.41	-0.21	0.30	0.4516	0.4550	0.4560
8201	8546	8925	4.269	4.308	4.369	-0.52	-0.32	-0.09	0.0582	0.0582	0.0584
7820	8612	8929	3.906	3.946	4.014	-0.50	-0.11	0.28	0.7169	0.7211	0.7481
7585	8025	8494	4.237	4.286	4.326	-0.41	-0.21	-0.01	0.6169	0.6237	0.6433
7286	7507	7727	4.125	4.189	4.249	-0.52	-0.24	0.00	0.2879	0.2906	0.2967
8325	8759	9233	4.207	4.262	4.331	-0.51	-0.21	0.00	0.7810	0.8015	0.8205
7561	8268	9066	4.062	4.132	4.230	-0.33	-0.21	0.00	0.9579	0.9736	1.0026
7114	7191	7799	4.121	4.176	4.234	-0.25	-0.21	0.11	0.3838	0.3966	0.4055
7394	8115	9008	3.915	3.972	4.069	-0.42	-0.32	0.09	0.4198	0.4258	0.4318
8357	8693	9409	4.158	4.220	4.275	-0.53	-0.12	0.10	0.4899	0.4919	0.5018
7165	7344	7642	4.179	4.239	4.262	-0.43	-0.12	0.09	0.2801	0.2809	0.2828
8877	10157	11396	3.197	3.396	3.469	-0.09	0.10	0.30	0.2724	0.2725	0.2765
8003	8535	9280	4.105	4.172	4.248	-0.43	-0.29	0.10	1.0455	1.0644	1.1236
7378	7525	7814	3.672	3.686	3.812	-0.52	-0.15	0.09	0.3318	0.3393	0.3525
7542	7553	8002	3.736	3.740	3.816	-0.55	-0.43	-0.32	0.1834	0.1838	0.1857
8514	8971	9690	3.843	3.967	4.056	-0.51	-0.19	0.21	0.7077	0.7365	0.8545
7171	7757	9258	3.934	4.043	4.125	-0.61	-0.23	0.01	1.0360	1.0593	1.1060
7456	7466	7946	3.871	3.871	3.915	-0.12	-0.12	-0.01	0.3495	0.3525	0.3525
7220	7730	7880	3.939	3.953	4.002	-0.22	-0.02	0.08	0.6761	0.6869	0.6958
7486	7817	8278	4.258	4.307	4.345	-0.44	-0.11	0.01	0.6309	0.6381	0.6499
7479	7692	7913	4.191	4.235	4.260	-0.24	-0.09	0.10	0.2043	0.2051	0.2056
7671	7975	8417	4.088	4.176	4.214	-0.43	-0.02	0.28	1.1851	1.1967	1.2405
7976	9004	9884	4.212	4.312	4.362	-0.50	-0.22	-0.02	0.4575	0.4633	0.4690
7401	7652	8125	4.168	4.208	4.239	-0.32	-0.02	0.11	0.3798	0.3817	0.3855
7745	8015	8069	4.021	4.041	4.067	-0.33	-0.31	-0.02	1.3384	1.3563	1.3771
10513	11113	12905	4.142	4.173	4.267	-0.42	-0.10	0.21	0.3548	0.3613	0.3696
8090	8470	8773	3.974	4.023	4.082	-0.42	-0.22	0.09	0.2901	0.2916	0.2942
7772	8475	8576	3.986	4.036	4.077	-0.32	-0.30	0.18	0.3441	0.3474	0.3481
7541	7971	8057	4.148	4.175	4.199	-0.34	-0.24	-0.02	0.8496	0.8650	0.8761
7047	7347	8154	3.725	3.806	3.871	-0.33	-0.12	0.29	1.2333	1.2767	1.3626
7477	7669	7934	4.147	4.206	4.267	-0.63	-0.20	0.09	0.0851	0.0857	0.0869
7041	7547	7821	4.152	4.214	4.269	-0.35	-0.13	0.18	0.7719	0.7929	0.8127
7709	7932	8170	3.456	3.488	3.519	-0.04	0.10	0.40	0.1802	0.1831	0.1856
9391	10229	10583	4.209	4.251	4.309	-0.49	-0.22	0.00	0.1362	0.1370	0.1381
7153	8054	8074	3.957	4.058	4.099	-0.21	-0.12	0.09	1.0898	1.1067	1.1125
9635	10712	12266	3.711	3.768	3.875	-0.10	-0.08	0.22	0.4640	0.4676	0.4785
6934	7475	7784	4.080	4.218	4.269	-0.55	-0.31	0.08	0.9629	0.9787	1.0489
7474	7505	8058	3.961	3.988	4.059	-0.33	-0.12	0.14	0.1586	0.1589	0.1597
7512	8042	8375	4.184	4.227	4.271	-0.42	-0.32	-0.01	0.5539	0.5666	0.5763
11591	12934	14823	3.934	4.057	4.159	-0.41	-0.09	0.22	0.3236	0.3266	0.3343
7443	8322	9668	4.205	4.260	4.333	-0.42	0.00	0.29	0.8616	0.8661	0.8818
8483	8734	9230	4.033	4.089	4.142	-0.52	-0.10	0.10	0.4366	0.4372	0.4457
8312	8805	9715	4.103	4.175	4.255	-0.33	-0.10	0.11	0.7394	0.7467	0.7615
8497	9074	10090	4.100	4.198	4.259	-0.42	-0.01	0.21	0.4923	0.4978	0.5063
7236	7563	8197	4.185	4.240	4.299	-0.43	-0.22	0.07	0.5850	0.5958	0.6040
6959	7267	7422	4.077	4.153	4.159	-0.25	0.06	0.10	0.2142	0.2180	0.2191

8346	8757	9215	4.249	4.277	4.312	-0.32	-0.03	0.09	0.4569	0.4592	0.4633
7869	8359	8767	4.208	4.256	4.296	-0.52	-0.31	-0.01	0.5309	0.5337	0.5454
7498	7797	8146	4.063	4.098	4.160	-0.61	-0.14	0.19	0.6910	0.7056	0.7231
7803	8208	8627	4.186	4.232	4.283	-0.43	-0.12	0.10	0.2390	0.2402	0.2424
7153	7523	7845	4.204	4.248	4.302	-0.61	-0.41	-0.09	0.4776	0.4799	0.4882
7825	7976	8685	3.300	3.689	3.797	-1.97	-0.11	0.09	1.8812	2.0278	2.1884
12621	13228	16342	3.857	3.882	4.092	-0.30	-0.20	0.11	2.8023	2.9577	3.0726
7760	8884	10984	3.950	4.036	4.179	-0.31	-0.02	0.28	0.5793	0.5872	0.6088
7574	7846	8000	4.098	4.127	4.165	-0.43	-0.12	0.09	0.8243	0.8288	0.8421
7534	7690	8071	4.192	4.249	4.268	-0.43	-0.32	0.00	0.4815	0.4855	0.4897
7375	7916	8125	4.202	4.271	4.321	-0.62	-0.29	-0.09	1.0757	1.0850	1.1210
7363	7708	8516	3.894	3.955	4.042	-0.41	-0.25	0.27	1.2469	1.2526	1.2810
9430	9890	10924	3.757	3.810	3.916	-0.60	-0.30	-0.02	0.1816	0.1818	0.1841
7467	7726	8082	4.248	4.300	4.344	-0.44	-0.31	-0.11	0.5828	0.5912	0.6038
8637	9248	9942	3.897	3.949	4.044	-0.32	-0.10	0.30	0.2948	0.2967	0.3020
7534	7837	8034	3.920	3.977	4.024	-0.62	-0.32	-0.02	1.6091	1.6509	1.7095
7121	7199	7763	4.014	4.027	4.089	-0.43	-0.32	0.07	0.2001	0.2026	0.2044
8003	8587	9115	4.265	4.311	4.355	-0.42	-0.21	-0.10	0.5062	0.5118	0.5224
7021	7398	7693	4.065	4.135	4.175	-0.34	0.09	0.37	0.7304	0.7430	0.7513
6609	7075	7663	3.824	3.882	3.926	-0.33	-0.13	-0.12	0.7425	0.7495	0.7628
7810	8921	9112	4.185	4.273	4.295	-0.33	-0.21	0.09	1.1379	1.1758	1.2094
7893	8405	8747	4.221	4.264	4.308	-0.50	-0.22	-0.02	0.6903	0.6996	0.7048
7829	8232	8501	3.969	4.008	4.070	-0.51	-0.04	0.09	1.1332	1.1904	1.2477
8072	8421	9512	4.245	4.290	4.351	-0.33	-0.12	-0.02	0.1346	0.1353	0.1362
7511	7876	8283	4.243	4.271	4.309	-0.42	-0.21	0.02	0.3075	0.3103	0.3143
7457	7871	8569	4.223	4.253	4.305	-0.33	-0.12	0.08	0.4555	0.4579	0.4618
11282	11340	11556	4.050	4.080	4.159	-0.62	-0.50	-0.28	0.3953	0.3956	0.3964
7912	8143	8374	4.235	4.255	4.291	-0.32	-0.20	0.01	0.2888	0.2898	0.2911
6838	6886	6938	4.080	4.084	4.132	-0.46	-0.43	-0.12	0.4869	0.5073	0.5277
8344	8372	8972	3.821	3.831	3.900	-0.42	-0.11	0.19	0.2723	0.2744	0.2769
10399	10972	12287	3.861	3.883	3.995	-0.30	-0.09	0.02	0.4612	0.4668	0.4737
7591	7840	8183	4.261	4.295	4.327	-0.32	-0.19	0.00	0.2226	0.2237	0.2242
7651	7826	8332	4.263	4.277	4.320	-0.43	-0.22	-0.01	0.8047	0.8108	0.8273
8118	8178	9889	4.197	4.203	4.352	-0.12	-0.10	-0.01	0.4023	0.4065	0.4069
7253	7456	7920	4.121	4.187	4.273	-0.44	-0.31	0.10	2.4160	2.4697	2.6851
7563	8031	9003	4.254	4.298	4.372	-0.32	-0.12	-0.08	0.3140	0.3149	0.3160
7214	7681	7802	4.150	4.191	4.212	-0.34	-0.12	0.00	0.5324	0.5387	0.5491
7443	7774	8177	4.205	4.238	4.302	-0.34	-0.11	0.10	0.4796	0.4889	0.4968
7774	8776	9377	4.055	4.132	4.222	-0.53	-0.32	-0.01	1.2965	1.3348	1.3933
7393	7591	7964	4.062	4.101	4.151	-0.45	-0.23	0.08	1.0797	1.0933	1.1263
7096	7320	7609	4.027	4.059	4.093	-0.23	0.06	0.19	0.1712	0.1713	0.1728
7670	8428	8828	4.189	4.265	4.326	-0.43	-0.30	-0.01	1.1823	1.2025	1.2287
8561	9515	10447	3.718	3.805	3.868	-0.33	0.10	0.23	0.3984	0.4007	0.4056
7540	8030	8942	4.011	4.089	4.153	-0.41	-0.30	-0.01	0.2026	0.2043	0.2055
7464	8130	8385	3.854	3.938	3.941	-0.32	-0.32	0.28	0.8715	0.8749	0.8800
7461	7690	7918	4.214	4.228	4.271	-0.22	-0.10	0.08	0.7014	0.7100	0.7267
7890	8551	9317	4.240	4.291	4.338	-0.43	-0.12	-0.01	0.1353	0.1359	0.1368
8179	9072	9556	4.006	4.067	4.106	-0.30	-0.01	0.18	1.3204	1.3421	1.3972
7717	8216	8561	4.215	4.281	4.317	-0.63	-0.40	-0.09	0.1479	0.1483	0.1487
8636	9451	11211	3.868	3.954	4.126	-0.42	-0.07	0.30	0.8550	0.8611	0.9228

7602	9344	11458	3.948	4.117	4.263	-0.31	-0.11	0.19	0.3618	0.3641	0.3690
6540	7019	7604	3.864	3.966	4.049	-0.34	-0.03	0.18	0.3817	0.3848	0.3854
7450	7621	7711	3.802	3.902	3.927	-0.32	-0.12	0.19	2.3549	2.4319	2.5745
7740	7847	8570	3.600	3.637	3.651	-0.32	-0.11	-0.01	1.3449	1.3938	1.3959
7613	8061	8259	4.237	4.265	4.318	-0.51	-0.30	-0.02	0.8507	0.8643	0.8703
7956	8521	9373	3.970	4.105	4.203	-0.42	-0.31	0.08	1.2282	1.3075	1.3985
7119	7487	7934	4.128	4.179	4.218	-0.34	-0.12	0.10	0.6769	0.6842	0.6930
7272	7387	7628	4.119	4.130	4.200	-0.44	-0.21	0.00	0.5473	0.5821	0.6022
8317	8752	9480	4.026	4.087	4.155	-0.42	-0.12	0.19	1.3194	1.3607	1.3908
7276	7740	8221	4.015	4.085	4.164	-0.44	-0.02	0.28	1.5065	1.5215	1.6404
7465	7760	8131	4.022	4.060	4.139	-0.69	-0.44	-0.01	1.4233	1.4502	1.5181
7647	7783	8391	4.170	4.245	4.280	-0.43	-0.12	0.00	0.8249	0.8326	0.8416
7558	8103	8434	4.237	4.286	4.333	-0.61	-0.22	0.00	0.8244	0.8418	0.8608
7675	7892	8378	4.145	4.197	4.264	-0.44	-0.22	0.20	1.2222	1.2247	1.2479
7229	7472	7748	4.088	4.153	4.169	-0.13	0.10	0.38	0.1816	0.1826	0.1847
7610	7934	8265	4.190	4.217	4.253	-0.32	-0.10	0.01	0.6710	0.6848	0.6940
7429	7858	8314	4.183	4.222	4.279	-0.44	-0.13	-0.01	0.9127	0.9233	0.9661
7320	7884	8542	4.110	4.195	4.265	-0.63	-0.23	0.08	0.5342	0.5408	0.5543
7361	7387	7658	4.028	4.063	4.098	-0.22	-0.02	0.19	1.2808	1.3122	1.3267
7152	7405	7655	3.952	3.975	3.997	-0.45	-0.12	-0.01	0.6746	0.6776	0.6955
6838	7263	8072	3.936	3.975	4.091	-0.44	0.06	0.18	1.1575	1.1699	1.2145
7560	7562	7695	3.588	3.629	3.630	-0.11	0.09	0.09	1.3588	1.3927	1.3935
8681	9068	9573	4.212	4.239	4.288	-0.42	-0.31	-0.01	1.0338	1.0592	1.0785
7214	7788	7902	3.981	4.022	4.062	-0.41	-0.03	0.08	0.5842	0.5976	0.6302
7095	7478	7746	4.159	4.226	4.276	-0.44	-0.09	0.10	1.1114	1.1194	1.1536
7670	8774	9782	4.169	4.301	4.380	-0.49	-0.21	-0.09	0.3872	0.3884	0.3963
7574	7803	8473	4.147	4.182	4.264	-0.33	-0.02	0.10	0.1262	0.1266	0.1273
7777	7969	8068	4.091	4.153	4.211	-0.34	-0.31	0.10	1.3640	1.4061	1.4149
7955	8284	9008	4.112	4.154	4.221	-0.33	-0.11	0.10	1.2496	1.2581	1.2755
7515	8098	8537	4.169	4.235	4.279	-0.62	-0.12	0.09	0.5926	0.5974	0.6081
7972	8702	9602	4.069	4.195	4.264	-0.52	-0.22	-0.01	1.1848	1.1985	1.2407
7271	7834	8306	4.138	4.200	4.252	-0.25	-0.03	0.20	0.7551	0.7657	0.7857
7772	8633	9816	4.029	4.149	4.194	-0.43	-0.19	0.11	1.9154	1.9891	2.0601
7925	8480	10505	4.103	4.197	4.328	-0.53	-0.31	0.01	0.5814	0.5906	0.6176
7761	8205	8664	4.176	4.245	4.302	-0.52	-0.32	0.00	0.2827	0.2838	0.2903
7279	7804	10241	4.059	4.141	4.325	-0.44	-0.03	0.25	0.6770	0.6790	0.7006
7729	8245	9046	4.118	4.169	4.277	-0.34	-0.21	0.19	0.5800	0.5868	0.6114
7348	7998	8783	4.244	4.311	4.356	-0.53	-0.40	-0.20	1.0437	1.0785	1.1011
7678	8126	8683	4.177	4.253	4.337	-0.52	-0.21	-0.07	0.8522	0.8608	0.8774
8435	9016	9782	4.280	4.341	4.381	-0.50	-0.22	-0.10	1.0310	1.0710	1.1079
7008	7221	7941	3.979	3.998	4.065	-0.24	0.17	0.30	0.4541	0.4602	0.4767
7514	8466	9974	3.981	4.157	4.264	-0.43	-0.03	0.19	1.9939	2.0902	2.2454
7578	7939	8328	4.171	4.205	4.262	-0.22	0.09	0.29	1.3122	1.3433	1.3971
8206	8798	10064	3.779	3.868	3.989	-0.21	-0.10	0.33	0.4639	0.4667	0.4705
7016	7753	8147	4.172	4.224	4.282	-0.33	-0.21	0.09	0.3958	0.3974	0.4075
7187	7644	8208	4.115	4.164	4.215	-0.43	-0.03	0.28	1.5529	1.6121	1.6661
6414	6685	7308	3.989	3.997	4.054	-0.36	-0.13	-0.03	0.3631	0.3636	0.3658
7575	7823	7870	3.977	4.026	4.031	-0.11	-0.02	0.28	1.1082	1.1231	1.1313
6933	7343	7750	4.198	4.238	4.284	-0.34	-0.10	0.08	0.6420	0.6481	0.6604
6755	6882	7244	3.984	3.993	4.026	-0.04	0.06	0.18	0.3225	0.3258	0.3273

8797	9434	10918	4.161	4.231	4.336	-0.41	-0.11	0.10	1.1630	1.1777	1.2221
6588	7049	7223	4.072	4.153	4.222	-0.34	-0.13	0.08	0.6754	0.6835	0.7030
7778	8115	8295	4.075	4.121	4.198	-0.24	-0.02	0.20	1.1596	1.1775	1.2267
7450	7713	8033	4.191	4.228	4.279	-0.44	-0.12	0.10	0.5930	0.5963	0.6055
7489	7502	8477	1.858	2.043	2.069	-0.67	-0.67	-0.09	2.8190	2.8595	3.4072
7350	7642	8170	4.011	4.031	4.127	-0.57	-0.23	0.08	0.6466	0.6503	0.6678
7340	7509	7633	3.599	3.647	3.689	-0.32	-0.31	-0.11	1.1391	1.1503	1.1931
8318	9199	9512	4.035	4.152	4.294	-0.50	-0.32	-0.09	1.6851	1.6990	1.9779
7037	7284	7899	4.146	4.214	4.246	-0.49	-0.13	0.18	0.9738	0.9970	1.0312
6144	6381	8699	3.733	3.820	4.028	-0.51	-0.33	-0.11	0.4501	0.4574	0.4780
6474	7251	8035	4.050	4.198	4.281	-0.45	-0.18	0.11	0.5488	0.5502	0.5668
7772	8184	8762	4.188	4.267	4.307	-0.35	-0.29	0.00	1.4863	1.5417	1.6071
7010	7436	7973	4.175	4.250	4.293	-0.13	-0.03	0.19	0.5885	0.5905	0.5946
6943	7367	8011	4.021	4.060	4.167	-0.44	-0.33	0.09	0.8247	0.8359	0.8610
7551	7653	7941	4.026	4.083	4.164	-0.23	-0.12	0.10	2.3964	2.6534	2.9909
7571	7893	8598	4.251	4.297	4.341	-0.33	-0.30	-0.10	1.0421	1.0483	1.0843
7479	7808	8319	4.171	4.218	4.250	-0.21	-0.02	0.10	1.1968	1.2068	1.2416
7849	8346	9540	4.186	4.260	4.355	-0.42	-0.32	-0.01	0.5406	0.5507	0.5582
7232	7258	8081	3.790	3.805	3.979	-0.71	-0.33	0.18	2.0544	2.2289	2.2842
6630	6695	7589	4.098	4.131	4.245	-0.46	-0.25	-0.10	1.1357	1.1553	1.1797
7776	8333	9102	4.187	4.223	4.296	-0.43	-0.13	0.09	0.4762	0.4842	0.4902
7936	8327	8468	4.278	4.312	4.336	-0.40	-0.30	-0.09	0.5835	0.6044	0.6139
7472	7744	8020	4.088	4.188	4.240	-0.42	-0.11	0.10	1.5812	1.5940	1.6800
7745	7967	8363	4.147	4.192	4.231	-0.54	-0.23	-0.01	0.4546	0.4640	0.4840
8193	8343	9551	3.877	4.027	4.166	-0.51	-0.04	0.01	1.8801	1.8922	1.9138
7474	7812	8319	4.153	4.282	4.330	-0.40	-0.11	0.01	2.4448	2.7028	2.9619
8694	8705	9494	3.893	3.924	3.973	-0.31	-0.21	-0.21	0.8564	0.8725	0.8738
7842	8284	8723	4.013	4.066	4.116	-0.41	-0.11	0.10	0.0847	0.0848	0.0855
8026	8114	8558	4.025	4.060	4.136	-0.32	0.08	0.39	0.0835	0.0839	0.0843
7810	8171	8830	4.074	4.144	4.188	-0.41	-0.02	0.09	0.0841	0.0844	0.0848
8083	8352	8486	4.116	4.152	4.195	-0.21	-0.10	0.01	0.0838	0.0839	0.0847
8189	8516	8792	4.045	4.065	4.132	-0.43	-0.23	0.19	0.0842	0.0845	0.0852
8665	8786	9379	4.138	4.174	4.253	-0.50	-0.34	0.09	0.2092	0.2115	0.2155
8083	8441	8572	4.255	4.278	4.299	-0.12	-0.10	0.01	0.1051	0.1055	0.1059
6940	7540	8017	3.808	3.989	4.022	-0.52	-0.31	0.05	2.2102	2.2425	2.3748
7544	7889	8102	3.800	3.857	3.882	-0.22	-0.11	0.16	1.3572	1.3660	1.4442
7213	7801	8678	4.046	4.093	4.197	-0.61	-0.11	0.11	1.7737	1.9115	2.1096
8265	9062	9871	4.110	4.162	4.245	-0.31	-0.01	0.28	1.0380	1.0628	1.0934

dist84	dist95	AV05	AV16	AV50	AV84	AV95	fidelity	XGal	YGal	ZGal
1.6471	1.7119	0.4380	0.4733	0.5828	0.7116	0.8617	1.0000	-9.5117	-0.8746	0.0066
0.1611	0.1617	-0.0237	-0.0116	0.1760	0.2108	0.4235	1.0000	-8.2809	0.1379	-0.0157
0.1355	0.1359	0.1862	0.3751	0.5547	0.6837	0.7663	1.0000	-8.3198	0.0305	-0.0541
0.4102	0.4126	0.1358	0.1533	0.3764	0.5426	0.6758	1.0000	-8.5980	0.0143	0.0730
0.2814	0.2841	0.1484	0.2314	0.3692	0.5056	0.7107	1.0000	-8.4767	0.0184	0.0294
0.0945	0.0947	-0.0285	0.0642	0.1942	0.2111	0.3131	1.0000	-8.2788	-0.0422	-0.0293
0.5604	0.5642	0.1751	0.1817	0.5697	0.7145	0.8102	1.0000	-8.1353	0.5453	-0.0666
1.3566	1.4230	0.2741	0.5804	0.8289	0.8445	0.8866	1.0000	-9.4057	-0.5259	0.0024
0.5008	0.5049	-0.0465	0.0749	0.3443	0.5677	0.5879	1.0000	-8.5813	0.2793	-0.1297
0.4777	0.4838	0.1024	0.2072	0.3204	0.4249	0.5409	1.0000	-8.4969	-0.3676	0.0244
0.4811	0.4845	0.0217	0.0308	0.1918	0.4003	0.4786	1.0000	-8.1108	-0.4671	0.0374
0.2982	0.3021	0.6871	0.7261	1.0573	1.5859	1.6364	1.0000	-8.4655	0.1259	0.0253
0.4148	0.4175	0.4202	0.4800	0.5933	0.7431	0.8268	1.0000	-8.3325	0.3892	-0.0016
0.6719	0.6890	-0.0179	-0.0031	0.1721	0.4775	0.5734	1.0000	-8.8586	-0.0505	0.0825
0.1526	0.1535	0.0607	0.1273	0.2372	0.4200	0.4521	1.0000	-8.2009	-0.1498	-0.0172
0.4825	0.4889	0.1866	0.1994	0.4780	0.6928	0.7812	1.0000	-8.6633	-0.0315	0.0691
0.4877	0.4885	0.1602	0.2331	0.3914	0.5466	0.6292	1.0000	-8.0389	-0.4513	0.0114
0.3256	0.3290	0.0757	0.2490	0.3859	0.4660	0.5186	1.0000	-8.4768	-0.1226	-0.0939
0.2172	0.2180	0.0201	0.0991	0.2892	0.4091	0.5244	1.0000	-8.0392	-0.1290	-0.0640
0.1742	0.1765	0.5237	0.6499	0.6625	0.6761	0.7940	1.0000	-8.3563	0.0102	-0.0743
0.2154	0.2161	0.0603	0.1096	0.2842	0.4981	0.5073	1.0000	-8.1449	-0.2054	-0.0287
0.3868	0.3889	0.2255	0.2781	0.4284	0.8290	0.8400	1.0000	-7.8923	0.2229	0.0557
0.7262	0.7367	0.0510	0.0575	0.2141	0.4061	0.4474	1.0000	-8.6354	-0.5404	-0.1276
0.5180	0.5258	0.1085	0.2163	0.3503	0.5504	0.6358	1.0000	-8.6870	0.0421	0.1459
0.4528	0.4533	0.1881	0.2020	0.3061	0.4965	0.6871	1.0000	-8.0089	0.4051	-0.0218
0.1857	0.1880	0.0588	0.0790	0.1839	0.4591	0.6977	1.0000	-8.3391	-0.0680	0.0983
0.2627	0.2961	-0.0544	0.0782	0.3938	0.5014	0.6066	1.0000	-8.3484	0.0661	0.1991
0.2997	0.3017	-0.0655	0.0009	0.0712	0.2169	0.3167	1.0000	-8.4585	-0.1465	-0.0028
0.7256	0.7318	0.9815	1.0372	1.3987	1.6508	1.8363	1.0000	-8.8525	0.0890	-0.2532
0.2819	0.2850	0.2727	0.3941	0.4641	0.5235	0.5905	1.0000	-7.9234	-0.0195	-0.0223
1.3446	1.3875	0.5130	0.7230	0.8510	1.0032	1.1307	1.0000	-9.3339	-0.6587	0.0467
0.3936	0.3965	0.3751	0.4526	0.6717	0.7917	0.9103	1.0000	-7.8878	0.2278	0.0565
0.0951	0.0959	0.0481	0.1328	0.3468	0.3532	0.3555	1.0000	-8.1549	0.0716	-0.0434
0.1751	0.1757	0.0080	0.0268	0.1577	0.2599	0.3168	1.0000	-8.2747	0.1322	-0.0844
0.4767	0.4786	0.0072	0.1219	0.2257	0.3428	0.4265	1.0000	-8.1332	0.4661	0.0170
0.1858	0.1859	-0.0264	0.1026	0.2489	0.2520	0.2555	1.0000	-8.3408	-0.0684	0.0997
0.4108	0.4149	0.2294	0.3201	0.4627	0.6732	0.6839	1.0000	-8.1729	-0.3898	-0.1111
1.1729	1.2124	0.6374	0.7149	0.9472	1.0573	1.1362	1.0000	-9.2341	0.1152	-0.0187
0.4451	0.4513	-0.0217	0.0571	0.1741	0.3557	0.4021	1.0000	-8.5677	-0.2338	0.0633
0.3299	0.3325	0.3899	0.6089	0.8365	1.0028	1.0880	1.0000	-7.9316	0.1568	0.0967
0.2152	0.2286	-0.0564	0.0062	0.0824	0.2825	0.3899	0.9995	-8.4048	-0.0502	0.0205
0.7103	0.7155	0.3019	0.4142	0.4906	0.6351	0.7456	1.0000	-7.9274	0.6314	-0.0005

0.7587	0.7959	0.0815	0.1784	0.2819	0.4081	0.4762	1.0000	-8.6802	-0.5259	0.1943
0.1377	0.1384	0.0321	0.1603	0.3016	0.5262	0.6305	1.0000	-8.3218	0.0267	-0.0547
0.4802	0.4846	0.1231	0.1273	0.1926	0.3309	0.3996	1.0000	-8.0475	-0.4296	0.0108
0.0584	0.0586	0.0076	0.0838	0.1839	0.3180	0.4165	1.0000	-8.2312	-0.0410	-0.0275
0.7647	0.7711	-0.1393	0.0249	0.3190	0.4413	0.5688	1.0000	-8.6827	-0.5359	0.1987
0.6489	0.6567	0.3550	0.4753	0.6860	0.8574	0.9575	1.0000	-8.7447	0.2745	-0.2043
0.2985	0.3013	0.0636	0.1084	0.1732	0.2936	0.4046	1.0000	-8.4502	-0.1586	0.0175
0.8329	0.8513	0.1073	0.1187	0.2561	0.3974	0.4440	1.0000	-8.8932	-0.4390	0.0052
1.0286	1.0408	0.3910	0.4982	0.7517	1.0205	1.1912	1.0000	-9.0848	0.4714	0.0062
0.4293	0.4558	0.0002	0.0117	0.0626	0.3584	0.4139	1.0000	-8.5740	0.0812	0.1343
0.4348	0.4351	-0.1082	-0.0782	0.2787	0.5298	0.5485	1.0000	-8.6005	0.0594	0.1501
0.5101	0.5143	0.1147	0.2988	0.4109	0.5982	0.6509	1.0000	-8.6789	0.0417	0.1441
0.2868	0.2880	-0.0152	0.0420	0.1571	0.3077	0.4203	1.0000	-8.0768	0.2441	0.0722
0.2832	0.2873	0.1932	0.2369	0.4361	0.5862	0.6179	1.0000	-7.9250	-0.0182	-0.0214
1.1808	1.1993	0.6361	0.6763	0.8858	1.0863	1.1808	1.0000	-9.3135	0.1497	0.0132
0.3706	0.3714	-0.1799	0.0362	0.1232	0.2559	0.3431	1.0000	-8.2085	0.3220	-0.1431
0.1858	0.1877	-0.0586	-0.0022	0.0065	0.2129	0.2232	1.0000	-8.3410	-0.0688	0.0993
0.9223	0.9646	0.2880	0.3298	0.4423	0.6119	0.7471	1.0000	-8.0007	0.8252	-0.0975
1.1308	1.1730	0.3750	0.3881	0.6507	1.1716	1.1873	1.0000	-9.2963	0.1455	0.0154
0.3548	0.3589	0.1668	0.3006	0.3130	0.5664	0.6898	1.0000	-8.3166	0.2946	-0.1546
0.7128	0.7142	-0.1064	-0.0923	0.1500	0.2210	0.2729	1.0000	-8.6318	-0.5310	-0.1249
0.6609	0.6695	0.1141	0.2181	0.3660	0.5269	0.6397	1.0000	-8.1196	0.6349	-0.1133
0.2075	0.2078	0.0432	0.0894	0.1771	0.2922	0.3534	1.0000	-8.0047	-0.0551	-0.0333
1.2548	1.2683	-0.0028	0.1838	0.3222	0.4503	0.6354	1.0000	-7.9601	1.1909	0.2514
0.4763	0.4786	0.0950	0.1052	0.4430	0.6084	0.6551	1.0000	-8.4948	-0.3640	0.0247
0.3895	0.3924	0.2087	0.3288	0.4614	0.6696	0.7475	1.0000	-7.8913	0.2238	0.0571
1.4195	1.5360	0.3157	0.5316	0.6016	0.6534	0.7726	1.0000	-9.3510	-0.7317	-0.1904
0.3743	0.3758	0.2355	0.2815	0.3478	0.4642	0.4842	1.0000	-8.5221	-0.1461	-0.1072
0.2972	0.2991	0.0066	0.0362	0.1547	0.2761	0.3564	1.0000	-8.2125	0.2938	-0.0113
0.3497	0.3533	-0.0997	0.0413	0.2714	0.3478	0.3628	1.0000	-8.1347	0.3419	0.0065
0.9018	0.9028	-0.0170	0.2688	0.4057	0.4392	0.4845	1.0000	-8.9773	-0.4020	0.0422
1.6215	1.6371	0.5214	0.6589	0.8145	1.2189	1.4544	1.0000	-9.5351	-0.2591	0.0829
0.0873	0.0877	0.0097	0.1315	0.2195	0.3441	0.8102	1.0000	-8.2070	-0.0080	0.0862
0.8487	0.8675	-0.0279	-0.0169	0.1782	0.3526	0.4228	1.0000	-8.8501	-0.4825	0.0715
0.1867	0.1923	-0.0231	-0.0201	0.0885	0.2035	0.4357	1.0000	-8.3407	-0.0688	0.0996
0.1385	0.1395	0.0948	0.1340	0.2966	0.3404	0.4250	1.0000	-8.3232	0.0289	-0.0553
1.1711	1.1855	0.0821	0.1010	0.5099	0.5463	0.8523	1.0000	-9.2910	0.0378	0.2143
0.4887	0.4897	0.0201	0.1658	0.2969	0.4136	0.4379	1.0000	-8.0404	-0.4510	0.0110
1.0748	1.1136	-0.1020	-0.0690	0.1484	0.3307	0.3967	1.0000	-9.1118	-0.5037	0.1231
0.1599	0.1604	0.0036	0.0044	0.0131	0.3116	0.3389	1.0000	-8.1959	0.1595	0.0072
0.5841	0.5918	0.2330	0.4127	0.6225	0.7605	0.9011	1.0000	-8.7651	0.0314	0.1088
0.3414	0.3507	0.1253	0.2242	0.3191	0.4367	0.5093	1.0000	-7.9263	0.1646	0.0988
0.9003	0.9111	0.3514	0.5059	0.8645	1.2133	1.3763	1.0000	-8.4127	0.8500	0.0993
0.4561	0.4573	0.0799	0.1945	0.2804	0.4275	0.4440	1.0000	-7.7863	-0.1013	-0.1315
0.7763	0.7822	0.5227	0.6265	0.7986	0.9819	1.0493	1.0000	-7.9056	0.7023	-0.0076
0.5127	0.5206	0.0899	0.2656	0.4195	0.5998	0.6903	1.0000	-8.6843	0.0384	0.1427
0.6154	0.6260	0.0803	0.1265	0.2912	0.5562	0.6505	1.0000	-8.7708	0.1269	0.1515
0.2209	0.2226	-0.0608	-0.0561	0.0826	0.1514	0.3029	1.0000	-8.4109	-0.0587	-0.0093

0.4693	0.4732	0.1129	0.2032	0.3371	0.4753	0.5332	1.0000	-8.0459	-0.4368	0.0112
0.5646	0.5815	0.5578	0.6559	0.8306	0.9513	1.0396	1.0000	-8.7451	0.0191	-0.0007
0.7373	0.7453	0.3434	0.4367	0.5981	0.7240	0.7431	1.0000	-8.4258	0.6767	-0.1180
0.2443	0.2452	-0.0304	0.0316	0.1683	0.3407	0.4626	1.0000	-8.0225	-0.1530	-0.0623
0.4941	0.4991	0.1012	0.2397	0.3755	0.5405	0.6250	1.0000	-8.6652	0.0426	0.1420
2.2588	2.3648	0.0098	0.0250	0.0779	0.3298	0.5319	1.0000	-10.1587	-0.6408	0.7362
3.4303	3.8166	1.0729	1.0798	1.1300	1.2684	1.3268	1.0000	-8.7986	3.0113	-0.1191
0.6173	0.6265	0.4547	0.5497	0.9195	1.2147	1.2382	1.0000	-8.7361	0.2811	0.0656
0.8821	0.8865	0.1119	0.2567	0.3858	0.4644	0.5317	1.0000	-8.7169	0.6343	-0.1986
0.4977	0.5011	0.1014	0.2179	0.2902	0.4642	0.4770	1.0000	-8.6662	0.0466	0.1423
1.1433	1.1463	0.7013	0.7231	0.9944	1.0884	1.2533	1.0000	-9.3103	0.1539	0.0156
1.3666	1.4364	0.6801	0.7678	0.9472	1.2430	1.3204	1.0000	-9.4139	-0.4047	-0.0616
0.1893	0.1893	-0.0096	0.0721	0.1986	0.3239	0.3242	1.0000	-8.3400	-0.0669	0.0990
0.6210	0.6225	-0.1339	-0.0533	0.0870	0.2694	0.3845	1.0000	-8.6482	-0.3648	0.1750
0.3066	0.3091	-0.0423	0.0102	0.1523	0.2447	0.2974	1.0000	-8.2137	0.3015	-0.0113
1.7541	1.7680	0.5338	0.5852	0.7710	0.8476	0.9775	1.0000	-9.8563	-0.1761	-0.3845
0.2076	0.2099	-0.0674	-0.0563	0.0465	0.2487	0.3672	1.0000	-8.3956	0.0452	0.0384
0.5339	0.5389	0.5103	0.5872	0.8175	0.9329	1.1127	1.0000	-8.7146	0.0900	-0.0024
0.7725	0.7808	0.0901	0.1505	0.3339	0.4746	0.6356	1.0000	-8.9241	-0.1966	-0.0380
0.7766	0.8035	-0.0705	-0.0074	0.2268	0.5208	0.7632	1.0000	-8.9512	-0.1329	0.0000
1.2590	1.2854	0.7762	0.8720	1.2506	1.2852	1.3820	1.0000	-9.3923	-0.1853	0.0811
0.7098	0.7184	0.4029	0.4466	0.6211	0.7449	0.9453	1.0000	-8.3521	0.6740	-0.1393
1.3116	1.3408	-0.0467	0.2491	0.4423	0.5032	0.5149	1.0000	-7.9460	1.1958	0.2499
0.1374	0.1376	0.3465	0.4353	0.5825	0.8293	0.9175	1.0000	-8.3216	0.0269	-0.0551
0.3171	0.3184	0.1214	0.1859	0.2998	0.5054	0.6206	1.0000	-8.3129	0.2933	-0.0012
0.4740	0.4762	0.1298	0.2840	0.4960	0.7314	0.7647	1.0000	-8.6092	0.1841	0.1092
0.3968	0.4053	0.7237	0.7607	0.8071	0.8248	0.9539	1.0000	-8.1488	-0.3261	-0.2196
0.2918	0.2943	-0.0040	0.0875	0.1782	0.2604	0.3473	1.0000	-8.2096	0.2909	-0.0079
0.5290	0.5459	-0.0241	-0.0010	0.0095	0.0906	0.1926	1.0000	-8.2936	0.5146	-0.0703
0.2796	0.2806	0.1401	0.1833	0.2331	0.4735	0.6415	1.0000	-8.2578	-0.2609	-0.0725
0.4871	0.4875	0.1694	0.2934	0.3502	0.4723	0.4887	1.0000	-8.0404	-0.4458	0.0120
0.2259	0.2273	0.1196	0.1620	0.2690	0.3914	0.5218	1.0000	-8.3946	0.1039	0.0397
0.8449	0.8638	0.4453	0.6484	0.7334	0.9501	1.0573	1.0000	-8.8794	0.4557	-0.1234
0.4115	0.4117	0.3616	0.3657	0.3962	0.7807	0.9761	1.0000	-8.1523	-0.3352	-0.2258
2.9956	3.1719	-0.1573	-0.0449	0.0783	0.2554	0.3478	1.0000	-10.7111	-0.7535	0.5800
0.3177	0.3192	0.5377	0.6453	0.8570	1.1627	1.3100	1.0000	-8.3152	0.2939	-0.0158
0.5535	0.5583	0.1005	0.2074	0.4229	0.4733	0.5606	1.0000	-7.9496	0.4885	-0.0105
0.5152	0.5213	0.0548	0.1285	0.2722	0.4350	0.6473	1.0000	-8.5962	0.2867	-0.0877
1.4770	1.5782	0.6335	0.7471	1.1102	1.2699	1.2857	1.0000	-8.9776	1.1425	-0.1777
1.1501	1.1755	0.1613	0.2145	0.2800	0.4408	0.6756	1.0000	-7.9939	1.0823	0.2339
0.1750	0.1763	-0.0693	0.0246	0.1283	0.2659	0.3647	1.0000	-8.2480	-0.1151	-0.1196
1.2609	1.2842	0.7433	0.7619	1.1072	1.1959	1.3217	1.0000	-9.4205	0.1419	-0.0018
0.4084	0.4104	0.4483	0.5614	0.8149	0.9255	1.0334	1.0000	-8.1532	-0.3333	-0.2263
0.2081	0.2086	0.0180	0.1266	0.3138	0.5753	0.6823	1.0000	-8.0053	-0.0567	-0.0330
0.8999	0.9015	0.4244	0.4914	0.7993	0.8716	0.9076	1.0000	-7.7988	0.7809	0.0606
0.7351	0.7408	-0.1065	0.0109	0.0859	0.1882	0.2665	1.0000	-8.6718	-0.5186	0.1912
0.1378	0.1384	0.1482	0.2460	0.5149	0.7011	0.8130	1.0000	-8.3221	0.0291	-0.0545
1.4555	1.4797	0.2499	0.3216	0.6009	0.6844	0.8134	1.0000	-7.9488	1.3646	0.1644
0.1489	0.1496	0.0112	0.1026	0.3138	0.4125	0.4968	1.0000	-8.1999	-0.1477	-0.0173
0.9923	1.0379	0.3859	0.6258	0.7831	1.0298	1.0472	1.0000	-9.1005	0.2017	-0.0047

0.3721	0.3753	0.4591	0.6768	1.3163	1.5663	1.6430	1.0000	-8.4494	0.2719	-0.0069
0.3939	0.3976	0.1313	0.2956	0.5014	0.8305	0.8410	1.0000	-7.8921	0.2249	0.0561
2.7753	2.8015	0.5305	0.6518	0.7539	0.8327	0.9236	1.0000	-9.9603	1.8524	-0.3134
1.5205	1.5373	0.7286	0.8405	0.8718	1.1852	1.2181	1.0000	-8.4967	1.3630	-0.0536
0.9058	0.9130	0.4408	0.4857	0.6595	0.7645	0.9662	1.0000	-9.0446	0.2072	0.0336
1.5406	1.5742	0.5569	0.5717	0.8030	1.0036	1.1840	1.0000	-9.5280	0.4380	-0.0119
0.7033	0.7067	0.2751	0.4285	0.5938	0.8319	0.9923	1.0000	-8.3414	0.6638	-0.1406
0.6353	0.6485	0.5165	0.6341	0.6767	0.8299	0.9483	1.0000	-8.7878	0.1120	0.0685
1.4128	1.4540	0.1798	0.3873	0.5442	0.7200	0.8490	1.0000	-7.9468	1.3575	0.1654
1.7238	1.7363	0.3757	0.5288	0.7432	0.9296	1.0426	1.0000	-9.7885	-0.1716	-0.3716
1.5577	1.5893	0.1404	0.1977	0.3770	0.4902	0.6273	1.0000	-8.0289	1.4946	-0.2034
0.8676	0.8807	0.6685	0.7111	0.7470	1.0139	1.2046	1.0000	-9.0355	-0.0945	0.0361
0.8771	0.8914	0.3646	0.6121	0.8145	0.9639	1.0742	1.0000	-9.0547	-0.0972	0.0318
1.2726	1.2875	0.1865	0.5294	0.6399	0.8153	1.0608	1.0000	-7.9922	1.2172	0.1802
0.1853	0.1864	-0.0362	0.0285	0.1287	0.2509	0.3385	1.0000	-8.3401	-0.0674	0.0998
0.7105	0.7231	0.7205	0.8310	0.9769	1.0970	1.2394	1.0000	-8.8207	0.3104	0.0020
0.9810	1.0026	1.0051	1.0863	1.2636	1.4327	1.6988	1.0000	-9.0547	0.4388	-0.1010
0.5708	0.5799	0.4850	0.6329	0.9128	1.1638	1.3113	1.0000	-8.7183	0.1568	-0.1183
1.3650	1.3808	0.3825	0.4219	0.4547	0.6113	0.7684	1.0000	-8.5448	1.2693	-0.1736
0.7014	0.7061	0.2207	0.3915	0.5252	0.6219	0.6419	1.0000	-8.3379	0.6681	-0.1355
1.2249	1.2407	0.4702	0.5573	0.7851	1.1971	1.4434	1.0000	-9.3757	0.2826	0.1131
1.4570	1.4594	0.7324	0.8166	0.8183	0.8888	1.1365	1.0000	-8.5167	1.3560	-0.0535
1.1130	1.1270	1.0857	1.1397	1.2912	1.3697	1.4802	1.0000	-9.1826	0.4409	-0.0564
0.6416	0.6635	0.3889	0.4528	0.7519	0.8071	1.0697	1.0000	-8.7549	0.2905	0.0700
1.2049	1.2154	0.2141	0.3784	0.5538	0.7050	0.8930	1.0000	-9.3310	0.0405	0.2234
0.4010	0.4064	0.7989	0.9774	1.4055	1.6016	1.7393	1.0000	-8.5665	-0.0489	-0.1428
0.1276	0.1289	0.1094	0.2074	0.2958	0.5050	0.7096	1.0000	-8.1728	-0.1128	-0.0525
1.5009	1.5664	0.1990	0.2534	0.3269	0.3668	0.5139	1.0000	-9.5799	-0.2708	0.1559
1.3223	1.3544	0.6644	0.7171	0.8298	1.0555	1.2311	1.0000	-9.4094	0.4053	-0.0073
0.6162	0.6260	0.1885	0.5361	0.7795	0.9337	1.1233	1.0000	-8.7717	0.1926	0.0765
1.2794	1.3228	0.5120	0.6455	0.8857	1.1220	1.2807	1.0000	-9.4224	-0.1955	0.0823
0.8066	0.8262	0.3961	0.5312	0.7652	0.9660	1.1281	1.0000	-8.9735	-0.1380	-0.0015
2.1958	2.2534	0.8395	0.9502	1.2868	1.5474	1.6460	1.0000	-10.2362	0.1683	0.2639
0.6497	0.6546	0.6306	0.7964	1.0212	1.3651	1.4541	1.0000	-8.7422	0.2872	0.0704
0.2929	0.2957	-0.0462	-0.0077	0.1782	0.3165	0.3651	1.0000	-8.2122	0.2898	-0.0128
0.7191	0.7200	0.6072	0.8006	1.0952	1.6861	1.8090	1.0000	-8.7347	0.4506	-0.0435
0.6307	0.6393	0.3890	0.5381	0.7296	0.9874	1.0417	1.0000	-8.7431	0.2712	0.0729
1.1132	1.1249	0.6931	0.9378	1.2265	1.5052	1.5253	1.0000	-9.2906	0.1506	0.0146
0.8953	0.9040	0.4950	0.6346	0.8022	1.0126	1.0987	1.0000	-9.0710	-0.1012	0.0320
1.1536	1.1797	0.6158	0.7202	0.8887	1.0193	1.1106	1.0000	-9.3002	0.1250	-0.0355
0.4909	0.4958	0.4718	0.6002	0.7112	1.0203	1.2005	1.0000	-8.6204	0.1959	0.1099
2.5525	2.6827	0.7883	1.0581	1.4937	1.8481	1.9027	1.0000	-10.4418	0.1018	0.0748
1.4304	1.4397	0.4228	0.5268	0.7082	0.8224	0.9485	1.0000	-7.9485	1.3638	0.1695
0.4740	0.4798	0.5624	0.8071	0.9987	1.2541	1.3717	1.0000	-7.8207	0.2751	0.0421
0.4164	0.4197	0.7311	0.9794	1.3440	1.5354	1.7127	1.0000	-8.5764	-0.0526	-0.1471
1.7490	1.7914	0.5178	0.6136	0.8242	1.0779	1.1428	1.0000	-9.7964	-0.4769	0.0098
0.3746	0.3750	0.4005	0.4657	0.5954	0.9224	1.1529	1.0000	-7.8842	0.1594	0.0930
1.1561	1.1880	0.5788	0.6410	0.7348	0.7543	0.9470	1.0000	-8.8312	0.9272	-0.1473
0.6662	0.6759	0.3422	0.3797	0.6069	0.8100	0.9566	1.0000	-8.7572	0.2927	-0.1998
0.3302	0.3303	0.1430	0.1638	0.2656	0.4568	0.5186	1.0000	-8.5097	0.1026	-0.0266

1.2853	1.3012	0.5224	0.5930	0.7384	0.9449	0.9945	1.0000	-9.4146	0.1355	-0.0033
0.7356	0.7940	0.6147	0.6976	0.9696	1.0612	1.2223	1.0000	-8.8910	0.0069	-0.1289
1.2375	1.2762	0.5447	0.6568	0.8256	0.8763	0.9400	1.0000	-8.5538	1.1694	-0.1103
0.6122	0.6218	0.5800	0.7149	0.8105	0.9737	1.1419	1.0000	-8.7321	0.2806	0.0695
4.3717	4.6548	1.2457	1.3340	1.4010	1.7266	1.9015	0.9995	-11.5958	-0.2550	0.1102
0.6744	0.6919	0.7758	1.0482	1.2151	1.4297	1.6249	1.0000	-8.8318	0.2155	0.0189
1.2424	1.2623	1.1178	1.2610	1.3950	1.4264	1.7150	1.0000	-9.3839	-0.1232	-0.0816
2.1840	2.1955	1.2353	1.4088	1.6419	1.7166	1.7634	1.0000	-10.1684	0.1406	-0.1337
1.0527	1.0734	0.8055	0.8594	1.0256	1.3178	1.4916	1.0000	-9.1626	0.3260	-0.1750
0.4833	0.4895	0.7481	1.0161	1.2174	2.2512	2.5520	1.0000	-7.7969	0.2533	0.0424
0.5740	0.5833	0.5323	0.7248	1.1550	1.5118	1.7326	1.0000	-8.7063	0.2544	-0.0138
1.6737	1.7526	0.3647	0.6594	0.8065	1.0154	1.1383	1.0000	-9.2413	1.2182	-0.1203
0.6087	0.6258	1.1277	1.1660	1.4427	1.6460	1.7976	1.0000	-8.7785	0.0590	-0.1242
0.8737	0.8966	0.8745	1.0031	1.2330	1.5267	1.6202	1.0000	-9.0467	0.0128	-0.1558
3.2173	3.5353	0.6225	0.7472	0.7736	0.8811	1.1440	1.0000	-10.6711	1.6197	-0.4643
1.1079	1.1270	1.4413	1.5303	1.6786	1.9356	1.9928	1.0000	-9.1992	0.4199	-0.0313
1.2772	1.2829	0.6149	0.7703	0.9468	1.1368	1.1829	1.0000	-8.8925	1.0173	-0.1649
0.5627	0.5659	1.2806	1.3184	1.5263	1.8443	1.9920	1.0000	-8.6672	0.3032	-0.0375
2.4119	2.6647	0.6630	0.8138	0.8184	1.2610	1.2885	1.0000	-10.4191	0.5411	0.0100
1.2025	1.2196	0.8487	0.8622	0.8866	1.4279	1.4602	1.0000	-9.3471	-0.0425	-0.2721
0.5011	0.5061	-0.0460	-0.0092	0.2149	0.3954	0.5043	1.0000	-8.5811	0.2778	-0.1337
0.6341	0.6536	0.0098	0.0887	0.2491	0.2709	0.4254	1.0000	-8.7252	-0.3161	0.0326
1.8808	1.9327	-0.0685	-0.0145	0.0898	0.2360	0.3575	1.0000	-9.6235	-0.8375	0.3073
0.5070	0.5083	-0.0226	0.0274	0.0959	0.2649	0.2898	1.0000	-8.5717	-0.3076	0.0390
2.4074	2.6540	0.7904	0.9507	0.9728	1.2955	1.3625	0.9971	-10.0232	-0.5322	-0.2353
3.2829	3.3419	0.5878	0.6053	0.7198	0.9260	1.0621	0.9854	-11.1162	-0.4064	0.3224
0.9696	0.9994	0.1536	0.2392	0.2450	0.4030	0.4400	1.0000	-8.9365	-0.4702	0.0039
0.0859	0.0861	-0.0007	0.0976	0.2333	0.3395	0.4944	1.0000	-8.2084	-0.0070	0.0848
0.0848	0.0850	-0.0617	-0.0278	0.0284	0.1758	0.3004	1.0000	-8.2060	-0.0107	0.0834
0.0849	0.0852	0.0058	0.0353	0.2187	0.4109	0.4159	1.0000	-8.2098	-0.0036	0.0842
0.0850	0.0850	0.0525	0.1223	0.2386	0.3032	0.4273	1.0000	-8.2058	-0.0056	0.0843
0.0859	0.0862	-0.0672	-0.0155	0.1033	0.2002	0.3225	1.0000	-8.2028	-0.0067	0.0849
0.2196	0.2213	-0.0600	0.0069	0.0517	0.1741	0.3101	1.0000	-8.3678	0.1181	-0.0660
0.1068	0.1070	0.0510	0.1113	0.2386	0.2715	0.3180	1.0000	-8.1886	0.0320	-0.1004
2.6457	3.2207	0.0875	0.1418	0.4766	0.6752	0.8390	1.0000	-10.1295	-1.3395	0.3503
1.4665	1.5193	0.4439	0.6248	0.8158	0.9107	0.9575	1.0000	-9.4043	-0.7687	-0.2111
2.2247	2.3796	0.3800	0.6133	0.9023	1.1874	1.3397	1.0000	-10.1704	-0.7207	-0.2203
1.1557	1.2054	0.0556	0.0819	0.3120	0.4617	0.4913	1.0000	-9.2553	-0.1141	0.2623

RGal	FlagPhoto	FlagOut	BP/RPCorr	AG50	ABP50	ARP50	GMAGO	BP-RP0
9.5518	GBPRPzy/grizJH	0	-0.007	0.519	0.624	0.358	2.756	0.307
8.2821	GBPRPJHKsW1W2	0	0.002	0.160	0.191	0.109	1.999	0.185
8.3198	GBPRPJHKsW1W2	0	0.000	0.514	0.607	0.345	1.877	0.009
8.5980	GBPRPJHKsW1W2	0	-0.006	0.345	0.410	0.233	2.238	0.117
8.4767	GBPRP	0	0.019	0.321	0.390	0.226	3.646	0.645
8.2789	GBPRPJHKsW1W2	0	0.000	0.181	0.213	0.121	1.814	0.034
8.1535	GBPRPJHKsW1W2	0	-0.004	0.526	0.623	0.354	0.978	0.018
9.4204	GBPRPJHKsW1W2	0	0.004	0.781	0.917	0.517	-0.423	-0.105
8.5858	GBPRPJHKsW1W2	0	-0.005	0.314	0.374	0.213	2.179	0.171
8.5048	GBPRP/gizJHKsW1W2	0	-0.004	0.295	0.350	0.199	1.819	0.065
8.1242	GBPRP/grizJHKsW1W2	0	-0.007	0.177	0.210	0.119	2.028	0.096
8.4664	GBPRPJHKsW1W2	10	0.001	0.938	1.131	0.649	1.812	0.211
8.3416	GBPRPJHKsW1W2	0	-0.006	0.545	0.646	0.368	2.014	0.070
8.8587	GBPRPJHKsW1W2	0	0.067	0.154	0.185	0.106	1.844	0.358
8.2022	GBPRPJHKsW1W2	0	0.001	0.217	0.258	0.147	2.333	0.172
8.6634	GBPRPJHKsW1W2	0	-0.004	0.437	0.520	0.296	1.263	0.082
8.0516	GBPRP/grizJHKsW1W2	0	-0.007	0.362	0.428	0.243	1.704	0.046
8.4777	GBPRP/grizJHKsW1W2	0	-0.001	0.368	0.429	0.241	0.961	-0.099
8.0402	GBPRP/grizJHKsW1W2	0	-0.001	0.264	0.314	0.179	2.219	0.167
8.3563	GBPRPJHKsW1W2	0	0.006	0.641	0.744	0.416	0.748	-0.166
8.1475	GBPRP/rizJHKsW1W2	0	-0.002	0.257	0.307	0.176	2.208	0.261
7.8954	GBPRPJHKsW1W2	0	0.000	0.386	0.462	0.264	1.158	0.184
8.6523	GBPRP/grizJHKsW1W2	0	-0.004	0.200	0.235	0.133	1.328	0.000
8.6871	GBPRPJHKsW1W2	0	-0.005	0.320	0.380	0.217	1.883	0.162
8.0192	GBPRPJHKsW1W2	0	-0.005	0.279	0.332	0.189	2.231	0.197
8.3393	GBPRPJW1W2	0	0.000	0.169	0.200	0.114	1.030	0.112
8.3486	GBPRPJHKsW1W2	0	0.006	0.362	0.429	0.244	1.218	0.060
8.4598	GBPRPJHKsW1W2	0	-0.004	0.065	0.077	0.044	2.353	0.214
8.8529	GBPRPJHKsW1W2	0	0.002	1.215	1.481	0.853	2.526	0.306
7.9234	GBPRP/grizJHKsW1W2	0	-0.001	0.425	0.505	0.287	1.809	0.058
9.3571	GBPRPy/JHKsW1W2	0	-0.010	0.767	0.918	0.525	2.081	0.109
7.8911	GBPRPJHKsW1W2	0	0.001	0.619	0.733	0.417	0.678	0.006
8.1552	GBPRPJHKsW1W2	1	0.004	0.312	0.374	0.214	1.880	0.270
8.2757	GBPRPJHKsW1W2	0	-0.001	0.144	0.171	0.098	2.245	0.184
8.1465	GBPRPJHKs	0	-0.006	0.203	0.243	0.139	2.637	0.333
8.3411	GBPRPJHKsW1W2	0	-0.001	0.228	0.271	0.154	1.097	0.119
8.1822	GBPRP/grizJHKsW1W2	0	-0.001	0.421	0.501	0.286	2.004	0.109
9.2348	GBPRPJHKsW1W2	0	-0.006	0.859	1.025	0.585	1.967	0.025
8.5708	GBPRPJHKsW1W2	0	-0.006	0.159	0.189	0.108	2.435	0.211
7.9331	GBPRPJHKsW1W2	0	-0.001	0.763	0.909	0.517	0.997	0.030
8.4049	GBPRPJHKsW1W2	0	0.001	0.075	0.089	0.051	1.483	0.270
7.9525	GBPRPJHKsW1W2	0	-0.006	0.446	0.532	0.303	1.666	0.115

8.6961	GBPRP/grizJHKsW1W2	0	-0.008	0.256	0.305	0.174	2.163	0.207
8.3219	GBPRPJHKsW1W2	0	0.000	0.276	0.328	0.187	2.147	0.132
8.0589	GBPRPJHKsW1W2	0	0.003	0.180	0.212	0.120	0.439	-0.024
8.2313	GBPRPJHKsW1W2	0	0.002	0.169	0.201	0.114	2.239	0.124
8.6992	GBPRP/grizJHKsW1W2	0	-0.006	0.293	0.348	0.198	1.078	0.110
8.7490	GBPRPJHKsW1W2	0	-0.005	0.614	0.737	0.422	2.364	0.214
8.4517	GBPRPJHKsW1W2	0	-0.004	0.156	0.187	0.107	2.505	0.314
8.9041	GBPRP/grizJHKsW1W2	0	-0.007	0.236	0.280	0.159	1.974	0.069
9.0970	GBPRPJHKsW1W2	0	-0.008	0.675	0.810	0.463	1.830	0.150
8.5744	GBPRPJHKsW1W2	0	0.007	0.056	0.067	0.039	2.636	0.375
8.6007	GBPRPJHKsW1W2	0	-0.004	0.253	0.302	0.172	1.489	0.185
8.6790	GBPRPJHKsW1W2	0	-0.006	0.377	0.447	0.255	1.787	0.103
8.0805	GBPRPJHKsW1W2	0	-0.001	0.141	0.169	0.097	2.709	0.366
7.9250	GBPRPJHKs	10	0.010	0.412	0.483	0.272	-1.543	-0.073
9.3147	GBPRPJHKsW1W2	0	-0.006	0.797	0.955	0.546	1.754	0.114
8.2148	GBPRPJHKsW1W2	0	0.000	0.111	0.133	0.076	0.993	0.296
8.3413	GBPRPJHKsW1W2	0	0.001	0.006	0.007	0.004	1.152	0.309
8.0431	GBPRPJHKsW1W2	0	0.056	0.408	0.483	0.274	0.823	0.024
9.2975	GBPRPJHKsW1W2	10	-0.004	0.580	0.698	0.400	1.765	0.283
8.3218	GBPRPJHKsW1W2	0	-0.002	0.280	0.336	0.193	1.513	0.328
8.6482	GBPRP/izJHKsW1W2	0	-0.003	0.136	0.162	0.093	1.617	0.246
8.1443	GBPRPJHKsW1W2	0	-0.006	0.330	0.395	0.226	2.564	0.269
8.0049	GBPRPJHKsW1W2	0	-0.001	0.160	0.191	0.109	2.437	0.278
8.0487	GBPRPJHKsW1W2	0	-0.010	0.292	0.348	0.199	1.994	0.239
8.5026	GBPRP/grizJHKsW1W2	0	-0.007	0.409	0.484	0.275	1.940	0.058
7.8945	GBPRPJHKs	0	-0.003	0.413	0.496	0.284	2.364	0.304
9.3796	GBPRPy/grizJHKsW1W2	0	-0.007	0.540	0.648	0.371	1.738	0.194
8.5234	GBPRPJHKsW1W2	10	0.000	0.335	0.389	0.218	0.629	-0.144
8.2178	GBPRPJHKsW1W2	0	-0.001	0.142	0.169	0.096	1.389	0.146
8.1419	GBPRPJHKsW1W2	0	-0.003	0.249	0.295	0.168	1.447	0.138
8.9863	GBPRPJHKsW1W2	0	-0.005	0.366	0.438	0.250	2.178	0.198
9.5386	GBPRPJHKsW1W2	0	-0.002	0.715	0.867	0.499	1.408	0.349
8.2070	GBPRPJHKsW1W2	0	-0.002	0.198	0.237	0.136	2.433	0.283
8.8632	GBPRP/grizJHKsW1W2	0	-0.006	0.160	0.192	0.110	2.534	0.324
8.3410	GBPRPJHKsW1W2	0	0.000	0.081	0.096	0.055	-0.155	0.180
8.3233	GBPRPJHKs	0	0.002	0.282	0.329	0.185	1.303	-0.101
9.2911	GBPRPJHKsW1W2	0	-0.007	0.460	0.550	0.315	1.691	0.219
8.0531	GBPRPJHKsW1W2	10	0.005	0.285	0.331	0.186	-0.490	-0.123
9.1257	GBPRP	0	0.003	0.134	0.160	0.092	2.563	0.357
8.1974	GBPRPJHKsW1W2	0	0.002	0.012	0.014	0.008	1.881	0.331
8.7652	GBPRPJHKsW1W2	0	-0.005	0.559	0.670	0.384	2.279	0.191
7.9281	GBPRPJHKsW1W2	10	0.011	0.318	0.364	0.202	-0.214	-0.158
8.4556	GBPRPJHKsW1W2	10	-0.004	0.775	0.930	0.532	2.075	0.184
7.7870	GBPRP/grizJHKsW1W2	0	-0.003	0.258	0.306	0.174	1.407	0.093
7.9368	GBPRPJHKs	0	-0.006	0.725	0.865	0.493	1.567	0.049
8.6843	GBPRPJHKsW1W2	0	-0.007	0.388	0.459	0.260	1.463	0.048
8.7717	GBPRPJHKsW1W2	0	-0.007	0.261	0.313	0.180	2.566	0.323
8.4111	GBPRPJHKsW1W2	0	0.000	0.074	0.089	0.051	2.455	0.365

8.0578	GBPRP/izJHKsW1W2	0	-0.008	0.310	0.368	0.209	1.941	0.109
8.7451	GBPRPJHKsW1W2	0	0.002	0.746	0.894	0.512	2.196	0.130
8.4529	GBPRPJHKsW1W2	0	-0.006	0.534	0.642	0.368	2.016	0.250
8.0240	GBPRP/rJHKs	0	-0.001	0.154	0.183	0.104	2.146	0.180
8.6653	GBPRPJHKsW1W2	0	-0.005	0.336	0.403	0.231	2.742	0.341
10.1789	GBPRPJHKsW1W2	10	-0.008	0.071	0.085	0.048	0.588	0.190
9.2996	GBPRPJHKsW1W2	10	0.000	1.099	1.273	0.710	-0.760	-0.147
8.7406	GBPRPJHKsW1W2	10	-0.003	0.832	0.995	0.567	1.042	0.078
8.7400	GBPRPJHKsW1W2	0	-0.008	0.347	0.416	0.238	2.110	0.234
8.6663	GBPRPJHKsW1W2	0	-0.007	0.261	0.313	0.179	2.490	0.314
9.3115	GBPRPy/JHKsW1W2	0	-0.002	0.879	1.062	0.610	2.495	0.262
9.4226	GBPRPJHKsW1W2	0	-0.002	0.835	1.010	0.581	1.586	0.254
8.3402	GBPRPJHKsW1W2	0	0.005	0.188	0.220	0.124	0.086	-0.075
8.6558	GBPRPJHKsW1W2	0	-0.006	0.079	0.094	0.054	2.692	0.302
8.2192	GBPRPJHKs	0	0.005	0.143	0.168	0.095	0.710	-0.016
9.8579	GBPRPy/JHKsW1W2	0	-0.005	0.686	0.826	0.474	1.645	0.214
8.3957	GBPRPJHKsW1W2	0	0.000	0.042	0.050	0.029	2.218	0.365
8.7151	GBPRPJHKsW1W2	0	-0.006	0.738	0.883	0.504	2.182	0.109
8.9263	GBPRPJHKsW1W2	0	-0.011	0.298	0.358	0.206	2.283	0.419
8.9521	GBPRPJHKsW1W2	0	-0.002	0.202	0.243	0.140	1.836	0.430
9.3941	GBPRPy/JHKsW1W2	0	-0.005	1.121	1.346	0.769	1.854	0.053
8.3793	GBPRPJHKsW1W2	0	-0.007	0.562	0.672	0.384	2.155	0.158
8.0355	GBPRPJHKsW1W2	0	-0.008	0.401	0.479	0.273	1.437	0.141
8.3216	GBPRPJHKsW1W2	0	0.010	0.528	0.630	0.360	2.138	0.114
8.3181	GBPRPJHKsW1W2	0	-0.006	0.271	0.324	0.185	2.484	0.272
8.6112	GBPRPJHKsW1W2	0	-0.007	0.445	0.534	0.306	2.371	0.228
8.1553	GBPRP/gJHKsW1W2	0	-0.003	0.769	0.898	0.505	0.460	-0.136
8.2147	GBPRPJHKsW1W2	0	-0.003	0.163	0.193	0.110	2.245	0.200
8.3096	GBPRPJHKsW1W2	0	-0.007	0.008	0.010	0.006	2.755	0.458
8.2619	GBPRPJHKsW1W2	0	0.000	0.214	0.254	0.144	0.778	0.138
8.0528	GBPRPJHKsW1W2	0	0.006	0.337	0.391	0.220	-0.102	-0.132
8.3953	GBPRPJHKsW1W2	0	-0.002	0.243	0.291	0.166	2.526	0.269
8.8911	GBPRPJHKsW1W2	0	-0.005	0.653	0.786	0.451	2.548	0.306
8.1592	GBPRP/grizJHKsW1W2	0	-0.008	0.359	0.429	0.245	2.000	0.186
10.7376	GBPRPgzy/JHKsW1W2	0	-0.009	0.071	0.084	0.048	2.487	0.341
8.3204	GBPRPJHKsW1W2	0	-0.001	0.763	0.919	0.527	2.400	0.227
7.9646	GBPRPJHKsW1W2	0	-0.004	0.379	0.455	0.261	2.356	0.293
8.6009	GBPRPJHKsW1W2	0	-0.007	0.246	0.294	0.168	2.467	0.270
9.0500	GBPRPy/JHKsW1W2	0	-0.004	0.997	1.196	0.683	1.607	0.074
8.0668	GBPRPJHKsW1W2	0	-0.002	0.252	0.301	0.173	2.144	0.313
8.2488	GBPRPJHKsW1W2	0	0.000	0.115	0.138	0.079	2.131	0.368
9.4216	GBPRPy/JHKsW1W2	0	-0.005	0.987	1.188	0.680	2.150	0.136
8.1600	GBPRPJHKsW1W2	0	0.000	0.750	0.890	0.505	0.020	-0.002
8.0055	GBPRPJHKsW1W2	0	0.000	0.284	0.339	0.194	1.805	0.182
7.8379	GBPRPJHKsW1W2	0	-0.003	0.715	0.859	0.492	1.254	0.178
8.6873	GBPRP/grizJHKsW1W2	0	-0.008	0.078	0.093	0.053	2.453	0.297
8.3222	GBPRPJHKsW1W2	0	0.003	0.469	0.559	0.319	2.094	0.114
8.0651	GBPRPJHKs	0	-0.008	0.552	0.655	0.372	1.087	0.042
8.2012	GBPRPJHKsW1W2	0	0.000	0.286	0.340	0.194	2.336	0.189
9.1027	GBPRPJHKsW1W2	10	-0.001	0.721	0.855	0.485	0.674	-0.005

8.4538	GBPRPJHKsW1W2	10	0.004	1.188	1.422	0.811	1.110	0.029
7.8953	GBPRPJHKsW1W2	0	0.001	0.441	0.534	0.308	2.165	0.453
10.1310	GBPRPzy/JHKsW1W2	0	-0.005	0.667	0.806	0.463	1.406	0.310
8.6053	GBPRPJHKsW1W2	0	-0.004	0.773	0.932	0.535	0.497	0.239
9.0470	GBPRPJHKsW1W2	0	-0.008	0.592	0.710	0.406	2.428	0.213
9.5381	GBPRPy/JHKsW1W2	0	-0.004	0.724	0.867	0.495	1.531	0.109
8.3677	GBPRPJHKsW1W2	0	-0.005	0.527	0.635	0.365	2.460	0.334
8.7885	GBPRPJHKsW1W2	0	-0.002	0.597	0.722	0.415	2.459	0.360
8.0619	GBPRPJHKs	0	-0.009	0.497	0.592	0.337	1.317	0.080
9.7900	GBPRPy/JHKsW1W2	0	-0.003	0.660	0.796	0.457	2.020	0.287
8.1668	GBPRPy/JHKsW1W2	0	-0.007	0.339	0.406	0.233	1.976	0.221
9.0360	GBPRPJHKsW1W2	0	-0.004	0.664	0.800	0.459	2.419	0.294
9.0552	GBPRPJHKsW1W2	0	-0.006	0.728	0.875	0.501	2.409	0.229
8.0844	GBPRPy/JHKsW1W2	0	-0.008	0.572	0.687	0.394	2.225	0.261
8.3404	GBPRPJHKsW1W2	0	-0.001	0.116	0.139	0.079	2.206	0.348
8.8261	GBPRPJHKsW1W2	0	-0.003	0.865	1.044	0.599	2.241	0.220
9.0654	GBPRPy/JHKsW1W2	0	0.000	1.106	1.343	0.773	2.303	0.260
8.7197	GBPRPJHKsW1W2	0	-0.001	0.809	0.976	0.560	2.226	0.238
8.6385	GBPRPy/JHKsW1W2	0	-0.007	0.404	0.487	0.280	2.114	0.367
8.3647	GBPRPJHKsW1W2	0	-0.004	0.466	0.562	0.323	1.904	0.335
9.3799	GBPRPJHKsW1W2	0	-0.002	0.689	0.835	0.481	1.924	0.396
8.6239	GBPRPJHKsW1W2	0	-0.003	0.722	0.873	0.502	0.575	0.290
9.1932	GBPRPJHKsW1W2	0	-0.003	1.159	1.391	0.795	1.720	0.039
8.7597	GBPRPJHKsW1W2	0	-0.002	0.668	0.805	0.462	1.721	0.278
9.3311	GBPRPy/JHKsW1W2	0	-0.007	0.492	0.593	0.340	2.613	0.343
8.5666	GBPRPJHKsW1W2	10	0.002	1.250	1.507	0.863	1.976	0.089
8.1736	GBPRPJHKsW1W2	0	0.091	0.267	0.319	0.183	2.276	0.218
9.5838	GBPRPy/JHKsW1W2	0	-0.012	0.296	0.353	0.202	2.112	0.217
9.4181	GBPRPy/JHKsW1W2	0	-0.007	0.744	0.893	0.511	1.830	0.165
8.7738	GBPRPJHKsW1W2	0	-0.004	0.697	0.837	0.480	2.186	0.198
9.4244	GBPRPy/JHKsW1W2	0	-0.009	0.800	0.957	0.546	1.745	0.108
8.9746	GBPRPJHKsW1W2	0	-0.004	0.681	0.820	0.470	2.214	0.265
10.2376	GBPRPgzy/JHKs	10	-0.005	1.145	1.380	0.790	1.524	0.118
8.7469	GBPRPJHKsW1W2	10	0.018	0.914	1.098	0.628	1.857	0.135
8.2173	GBPRPJHKsW1W2	0	-0.004	0.163	0.194	0.110	2.194	0.153
8.7463	GBPRPJHKsW1W2	10	0.000	0.963	1.167	0.671	2.030	0.274
8.7473	GBPRPJHKsW1W2	0	-0.005	0.656	0.786	0.450	1.931	0.165
9.2919	GBPRPy/JHKsW1W2	0	-0.001	1.079	1.307	0.751	2.538	0.251
9.0716	GBPRPHKsW1W2	0	-0.006	0.717	0.862	0.494	2.285	0.207
9.3011	GBPRPy/JHKsW1W2	0	-0.009	0.808	0.963	0.549	2.000	0.057
8.6226	GBPRPJHKsW1W2	0	0.001	0.625	0.757	0.436	1.998	0.405
10.4423	GBPRPgzy/JHKs	10	0.003	1.316	1.593	0.914	1.701	0.136
8.0646	GBPRPy/JHKsW1W2	0	-0.009	0.633	0.760	0.436	2.119	0.246
7.8256	GBPRPJHKsW1W2	0	0.000	0.900	1.078	0.616	0.549	0.083
8.5766	GBPRPJHKsW1W2	0	0.005	1.171	1.425	0.821	2.427	0.287
9.8080	GBPRPzy/JHKsW1W2	0	-0.001	0.728	0.880	0.506	2.300	0.297
7.8858	GBPRPJHKsW1W2	0	0.004	0.518	0.630	0.364	2.555	0.517
8.8797	GBPRPJHKsW1W2	0	-0.006	0.654	0.787	0.452	1.674	0.264
8.7621	GBPRPJHKsW1W2	0	-0.005	0.536	0.648	0.373	2.714	0.401
8.5103	GBPRPJHKsW1W2	0	0.000	0.235	0.283	0.163	2.245	0.461

9.4155	GBPRPJHKsW1W2	10	-0.006	0.680	0.806	0.458	1.457	0.027
8.8910	GBPRPJHKsW1W2	0	0.000	0.841	1.025	0.592	2.748	0.402
8.6333	GBPRPJHKsW1W2	0	-0.007	0.737	0.887	0.508	1.790	0.152
8.7366	GBPRPJHKsW1W2	0	-0.004	0.718	0.866	0.498	2.428	0.320
11.5986	GBPRPJHKsW1W2	0	0.016	1.212	1.480	0.854	-4.617	0.184
8.8344	GBPRPJHKsW1W2	0	0.004	1.060	1.289	0.742	1.998	0.287
9.3847	GBPRPJHKsW1W2	0	0.005	1.207	1.474	0.850	0.787	0.233
10.1694	GBPRPgzy/JHKsW1W2	0	0.002	1.461	1.762	1.008	1.505	0.011
9.1683	GBPRPy/JHKsW1W2	0	0.001	0.893	1.087	0.627	2.622	0.358
7.8010	GBPRPJHKsW1W2	10	0.009	1.031	1.271	0.738	2.191	0.559
8.7100	GBPRPJHKsW1W2	0	0.000	1.001	1.221	0.705	2.635	0.380
9.3213	GBPRPzy/JHKs	0	-0.003	0.722	0.867	0.496	2.263	0.197
8.7787	GBPRPJHKsW1W2	0	0.002	1.244	1.522	0.878	2.572	0.369
9.0467	GBPRPJHKsW1W2	0	0.002	1.069	1.303	0.752	2.252	0.335
10.7933	GBPRPgzy/JHKs	0	0.001	0.685	0.827	0.475	1.903	0.303
9.2088	GBPRPgy/JHKsW1W2	0	0.004	1.451	1.773	1.022	2.523	0.290
8.9505	GBPRPy/JHKsW1W2	0	-0.003	0.837	1.011	0.581	2.266	0.261
8.6725	GBPRPJHKsW1W2	0	0.006	1.339	1.625	0.933	2.103	0.179
10.4332	GBPRPgzy/JHKsW1W2	0	-0.001	0.717	0.870	0.501	1.691	0.374
9.3472	GBPRPgy/JHKsW1W2	0	0.001	0.765	0.934	0.541	2.991	0.528
8.5856	GBPRPJHKsW1W2	0	-0.007	0.197	0.234	0.133	2.023	0.140
8.7309	GBPRPJHKsW1W2	0	-0.008	0.228	0.271	0.154	2.330	0.165
9.6599	GBPRPy/JHKs	0	-0.011	0.082	0.097	0.056	2.304	0.286
8.5772	GBPRP/grizJHKsW1W2	0	-0.002	0.087	0.104	0.059	2.188	0.189
10.0373	GBPRPy/JHKsW1W2	0	-0.004	0.869	1.045	0.598	1.520	0.116
11.1236	GBPRPgrizy/JHKsW1W2	0	-0.001	0.641	0.771	0.443	2.474	0.258
8.9488	GBPRP/gizJHKsW1W2	0	0.007	0.226	0.268	0.152	0.926	0.026
8.2084	GBPRPJHKsW1W2	0	0.002	0.213	0.253	0.145	1.541	0.137
8.2060	GBPRPJHKs	0	-0.002	0.026	0.031	0.018	1.575	0.188
8.2099	GBPRPJHKs	0	0.001	0.200	0.237	0.135	1.763	0.151
8.2058	GBPRPJHKsW1W2	0	0.001	0.218	0.259	0.148	1.790	0.121
8.2028	GBPRPJHKsW1W2	0	0.000	0.095	0.113	0.064	1.496	0.097
8.3686	GBPRPJHKsW1W2	0	0.003	0.048	0.057	0.032	1.649	0.043
8.1887	GBPRPJHKsW1W2	0	0.001	0.219	0.260	0.148	2.119	0.140
10.2177	GBPRPzy/JHKsW1W2	0	-0.008	0.425	0.511	0.293	1.838	0.282
9.4356	GBPRP/grizJHKsW1W2	0	-0.003	0.725	0.874	0.501	1.123	0.219
10.1959	GBPRPgzy/JHKsW1W2	0	-0.003	0.798	0.964	0.554	1.959	0.227
9.2560	GBPRPJHKsW1W2	0	-0.007	0.289	0.342	0.194	1.460	0.052

g1-y	a	Delta a	name	id
12.325	1.329	-0.985	FSR_1085	1620
13.314	1.955	-0.718	HSC_1448	2959
11.899	1.689	-0.470	HSC_995	2625
12.167	1.808	-0.449	Melotte_22	4423
12.994	2.136	-0.421	Theia_925	5679
10.877	1.400	-0.389	HSC_1142	2740
11.209	1.526	-0.383	HSC_1684	3145
11.246	1.560	-0.363	Melotte_20	4422
11.777	1.780	-0.335	Melotte_25	4424
12.159	1.933	-0.321	ASCC_113	59
9.978	1.144	-0.319	NGC_2251	4528
12.139	1.944	-0.302	Melotte_25	4424
12.281	2.014	-0.284	NGC_1039	4465
11.348	1.690	-0.269	NGC_2422	4566
12.068	1.970	-0.251	Melotte_25	4424
11.106	1.631	-0.241	NGC_3228	4618
12.753	2.229	-0.240	Teutsch_J0450.9+5209	5469
11.657	1.844	-0.227	NGC_7429	4864
11.912	1.938	-0.226	UPK_381	7082
12.204	2.047	-0.222	IC_2391	4289
11.771	1.897	-0.216	Theia_834	5664
11.744	1.893	-0.210	NGC_6633	4780
11.261	1.719	-0.209	NGC_3532	4624
10.843	1.572	-0.204	Theia_139	5518
12.120	2.041	-0.198	UPK_612	7132
10.493	1.461	-0.187	HSC_1288	2837
11.647	1.885	-0.183	HSC_906	2549
12.573	2.228	-0.176	HSC_2327	3662
11.262	1.754	-0.174	NGC_6633	4780
10.684	1.545	-0.174	NGC_2287	4537
11.766	1.939	-0.172	NGC_2281	4535
11.826	1.962	-0.171	NGC_6882	4825
11.439	1.823	-0.169	NGC_2632	4598
11.254	1.757	-0.168	CWNU_1095	596
12.444	2.189	-0.168	Theia_379	5581
11.927	2.005	-0.165	HSC_1346	2881
11.303	1.781	-0.163	NGC_6475	4753
11.149	1.726	-0.161	CWNU_2103	980
11.309	1.785	-0.160	NGC_6633	4780
11.875	1.992	-0.159	HSC_1964	3370
13.242	2.491	-0.155	HSC_396	2100
11.946	2.028	-0.148	HSC_921	2562
11.900	2.018	-0.142	HSC_633	2309
12.457	2.224	-0.138	NGC_2632	4598
11.648	1.934	-0.134	NGC_2516	4585
11.441	1.863	-0.131	Gulliver_54	1797
12.005	2.067	-0.130	Theia_172	5524
11.361	1.840	-0.124	IC_4665	4299
12.077	2.107	-0.117	Theia_792	5657
11.435	1.876	-0.115	UPK_93	7015

11.971	2.072	-0.113	NGC_2548	4591
11.565	1.928	-0.110	Melotte_22	4423
10.296	1.472	-0.105	NGC_3532	4624
11.192	1.798	-0.104	HSC_1900	3319
11.687	1.979	-0.104	NGC_2548	4591
11.308	1.842	-0.103	Alessi-Teutsch_9	114
12.437	2.254	-0.101	Theia_379	5581
11.081	1.764	-0.098	NGC_2301	4539
11.448	1.909	-0.087	NGC_1528	4477
12.305	2.231	-0.076	UPK_350	7079
11.616	1.981	-0.075	UPK_350	7079
11.456	1.925	-0.073	NGC_2281	4535
12.412	2.278	-0.068	Gaia_8	1749
12.367	2.265	-0.065	Melotte_25	4424
9.930	1.380	-0.064	NGC_6475	4753
12.298	2.241	-0.063	Melotte_25	4424
11.472	1.945	-0.059	NGC_1912	4500
12.446	2.303	-0.055	Theia_1188	5708
12.153	2.199	-0.053	NGC_2632	4598
11.027	1.794	-0.049	Theia_7478	6026
11.229	1.871	-0.045	NGC_1912	4500
12.576	2.365	-0.040	Alessi_22	81
11.682	2.043	-0.038	NGC_2287	4537
11.818	2.093	-0.037	NGC_7063	4842
12.533	2.352	-0.037	Alessi_9	73
12.178	2.224	-0.037	Theia_4877	5981
11.480	1.974	-0.034	NGC_2422	4566
12.008	2.166	-0.032	NGC_6633	4780
10.661	1.681	-0.029	FoF_658	1715
10.217	1.523	-0.026	OCSN_61	5102
11.423	1.963	-0.023	Theia_517	5605
12.229	2.256	-0.023	Roslund_6	5216
11.384	1.959	-0.013	HSC_1635	3103
11.559	2.023	-0.013	CWNU_1355	679
12.113	2.226	-0.011	Melotte_111	4430
12.194	2.258	-0.009	UPK_429	7089
11.866	2.145	-0.003	NGC_2632	4598
10.434	1.633	0.006	Melotte_22	4423
11.206	1.917	0.009	Theia_3747	5935
9.973	1.473	0.013	NGC_3532	4624
11.687	2.097	0.015	HSC_1647	3113
10.291	1.600	0.024	Melotte_25	4424
12.485	2.407	0.035	OCSN_24	5089
11.628	2.098	0.037	Theia_390	5584
9.723	1.408	0.039	IC_4665	4299
11.485	2.052	0.043	NGC_7160	4852
11.134	1.926	0.044	Mamajek_4	4417
11.498	2.059	0.045	UPK_93	7015
11.543	2.079	0.049	NGC_2281	4535
11.828	2.185	0.051	ASCC_23	14
11.736	2.153	0.053	HSC_1553	3043

11.853	2.197	0.054	NGC_3532	4624
11.217	1.967	0.055	Theia_943	5681
12.116	2.293	0.055	HSC_842	2493
11.525	2.082	0.059	UPK_612	7132
11.767	2.171	0.059	NGC_2281	4535
11.092	1.927	0.061	NGC_2420	4564
9.992	1.529	0.062	UBC_164	6159
11.421	2.048	0.062	Alessi_2	68
11.436	2.054	0.063	HSC_1029	2655
12.488	2.444	0.071	NGC_2281	4535
12.534	2.465	0.075	NGC_1912	4500
11.253	2.012	0.087	HSC_1573	3059
9.816	1.494	0.091	NGC_2632	4598
11.769	2.203	0.091	Alessi_145	101
10.200	1.636	0.093	Theia_517	5605
11.495	2.106	0.094	NGC_1817	4491
12.090	2.323	0.094	OCSN_49	5097
12.649	2.530	0.099	Melotte_25	4424
11.763	2.209	0.099	Theia_387	5583
14.812	3.319	0.102	CWNU_80	362
11.491	2.114	0.103	COIN-Gaia_25	313
11.210	2.014	0.105	HSC_1500	3000
11.512	2.124	0.105	Alessi_37	87
11.842	2.246	0.107	Theia_4877	5981
12.350	2.437	0.114	Melotte_22	4423
11.870	2.266	0.117	HSC_878	2523
11.247	2.040	0.117	Renou_23	5208
11.829	2.252	0.118	NGC_1901	4497
12.005	2.316	0.119	Theia_517	5605
11.917	2.288	0.122	UPK_167	7042
11.178	2.019	0.122	Alessi_3	69
10.251	1.689	0.128	NGC_3532	4624
12.005	2.327	0.129	HSC_1142	2740
11.862	2.276	0.130	COIN-Gaia_9	299
12.489	2.510	0.137	NGC_1901	4497
10.847	1.917	0.139	UBC_616	6460
12.066	2.361	0.141	HSC_878	2523
11.879	2.298	0.146	UPK_82	7011
11.553	2.191	0.158	UPK_296	7069
11.635	2.225	0.161	AT_21	67
12.063	2.384	0.165	NGC_6811	4813
12.495	2.541	0.166	HSC_1986	3389
11.337	2.126	0.171	COIN-Gaia_19	308
12.506	2.551	0.171	NGC_1901	4497
11.784	2.290	0.172	Alessi_9	73
11.658	2.250	0.178	UPK_80	7010
12.180	2.454	0.193	NGC_2548	4591
11.523	2.220	0.197	Melotte_22	4423
11.524	2.225	0.202	NGC_6866	4823
11.990	2.403	0.211	IC_2391	4289
10.673	1.932	0.218	COIN-Gaia_14	304

11.346	2.179	0.221	Stock_2	5361
12.943	2.762	0.224	NGC_6633	4780
11.626	2.286	0.226	Patchick_12	5166
12.108	2.472	0.237	Theia_4535	5976
11.631	2.310	0.248	COIN-Gaia_12	302
11.328	2.204	0.252	NGC_1664	4485
12.048	2.467	0.253	Alessi_37	87
12.337	2.582	0.263	HSC_1330	2870
11.678	2.353	0.274	NGC_6866	4823
12.976	2.838	0.288	NGC_1817	4491
11.431	2.279	0.289	HSC_651	2324
11.952	2.470	0.291	NGC_2168	4511
12.122	2.553	0.313	NGC_2168	4511
11.996	2.511	0.316	UBC_143	6143
12.574	2.721	0.317	NGC_2632	4598
11.888	2.477	0.322	NGC_1545	4478
11.243	2.256	0.334	Teutsch_176	5440
11.686	2.427	0.345	UBC_4	6077
12.618	2.766	0.346	UBC_6	6078
11.746	2.450	0.346	Alessi_37	87
11.329	2.300	0.348	HSC_1303	2848
12.010	2.551	0.351	Theia_4535	5976
10.587	2.051	0.368	UBC_54	6092
11.443	2.368	0.374	Theia_1040	5695
11.679	2.459	0.380	Theia_3747	5935
11.411	2.366	0.384	NGC_1662	4484
10.619	2.087	0.392	HSC_2407	3730
11.585	2.442	0.397	FSR_0905	1593
11.271	2.328	0.397	NGC_1664	4485
11.637	2.474	0.410	HSC_1330	2870
11.578	2.457	0.414	HSC_1500	3000
11.799	2.548	0.425	COIN-Gaia_25	313
12.137	2.673	0.427	UBC_68	6097
11.898	2.594	0.435	Alessi_2	68
10.440	2.083	0.453	Theia_517	5605
10.418	2.091	0.469	UBC_54	6092
10.780	2.235	0.482	Theia_862	5669
12.061	2.708	0.490	Alessi_2	68
12.635	2.925	0.498	NGC_1912	4500
11.819	2.656	0.525	NGC_2168	4511
12.920	3.067	0.537	HXWHB_8	4238
11.446	2.532	0.537	Renou_23	5208
10.723	2.288	0.556	UBC_1285	6686
11.889	2.713	0.557	NGC_6866	4823
12.207	2.838	0.567	IC_4756	4301
11.978	2.760	0.572	NGC_1662	4484
12.232	2.857	0.577	FSR_0951	1605
12.064	2.799	0.580	Collinder_350	1344
11.273	2.513	0.581	AT_21	67
12.172	2.881	0.623	Alessi-Teutsch_9	114
12.815	3.117	0.625	HSC_1314	2857

11.133	2.515	0.634	COIN-Gaia_19	308
11.491	2.655	0.644	Theia_754	5648
11.730	2.760	0.662	UBC_175	6166
11.497	2.706	0.692	Alessi_2	68
10.609	2.402	0.711	Teutsch_92	5424
11.104	2.583	0.713	Theia_560	5611
10.919	2.519	0.716	HSC_1472	2980
11.576	2.767	0.725	UBC_614	6459
11.837	2.904	0.767	NGC_1664	4485
11.792	2.888	0.767	HSC_1271	2828
11.595	2.826	0.777	UPK_39	6990
11.625	2.839	0.779	HSC_1213	2785
11.687	2.870	0.787	ASCC_6	4
12.119	3.084	0.845	CWNU_52	351
11.529	2.900	0.875	NGC_1758	4488
13.024	3.450	0.882	NGC_1245	4468
10.870	2.679	0.893	FoF_2139	1736
11.475	2.908	0.902	AT_21	67
10.682	2.670	0.953	HSC_1179	2762
11.231	2.871	0.954	CWNU_1807	887
12.801	3.458	0.971	OC_0298	4969
			NGC_1039	4465
			HSC_1666	3129
			HSC_1663	3126
			Theia_546	5607
			CWNU_2644	1199
			HSC_1494	2997
			OC_0322	4978
			NGC_2301	4539
			Melotte_111	4430
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			Melotte_111	4430
			UPK_303	7071
			CWNU_1066	583
			CWNU_2456	1110
			FoF_658	1715
			UBC_80	6100
			FSR_0866	1584

name_all

ASCC_28,FSR_1085,MWSC_1007,MWSC_1011,SAI_71

Collinder_42,Escorial_1,M45,MWSC_305,Melotte_22,OCL_421,Pleiades,Theia_369
Theia_925

Melotte_20

Collinder_50,Hyades,MWSC_379,Melotte_25,OCL_456,Taurus_Moving_Cluster
ASCC_113,MWSC_3480,Theia_461

Collinder_101,MWSC_916,NGC_2251,OCL_499,Theia_2992

Collinder_50,Hyades,MWSC_379,Melotte_25,OCL_456,Taurus_Moving_Cluster

Collinder_31,MWSC_223,Melotte_17,NGC_1039,OCL_382,Theia_251

Collinder_152,Escorial_21,MWSC_1278,Melotte_68,NGC_2422,OCL_596,Theia_320

Collinder_50,Hyades,MWSC_379,Melotte_25,OCL_456,Taurus_Moving_Cluster

BH_93,Collinder_218,ESO_214-1,MWSC_1794,NGC_3228,OCL_800,Theia_102

CWNU_1191,TRSG_9,Teutsch_J0450.9+5209

MWSC_3676,NGC_7429,OCL_249,RSG_7,RSG_8

Theia_859,UPK_381

IC_2391,Theia_114

Theia_834

Collinder_380,MWSC_2917,Melotte_201,NGC_6633,OCL_90,Theia_924

BH_109,Collinder_238,ESO_128-31,MWSC_1890,Melotte_103,NGC_3532,OCL_839,Theia_720

ASCC_19,Theia_139

UPK_612

Collinder_380,MWSC_2917,Melotte_201,NGC_6633,OCL_90,Theia_924

Collinder_118,ESO_557-14,MWSC_978,Melotte_52,NGC_2287,OCL_597,Theia_476

Collinder_116,MWSC_989,Melotte_51,NGC_2281,OCL_446,Theia_635

Collinder_416,FSR_168,MWSC_3277,MWSC_3278,NGC_6882,OCL_133,OCSN_20,Theia_170

Collinder_189,MWSC_1527,M_44,Melotte_88,NGC_2632,OCL_507,Praesepe

CWNU_1095

Theia_379

BH_254,Collinder_354,ESO_394-9,MWSC_2739,Melotte_183,NGC_6475,OCL_1028,Theia_692

CWNU_2103

Collinder_380,MWSC_2917,Melotte_201,NGC_6633,OCL_90,Theia_924

Collinder_189,MWSC_1527,M_44,Melotte_88,NGC_2632,OCL_507,Praesepe

Collinder_172,ESO_124-6,FSR_1487,MWSC_1393,Melotte_82,NGC_2516,OCL_776,Theia_613

Gulliver_54

CWNU_254,Theia_172,Tian_1

Collinder_349,IC_4665,MWSC_2689,Melotte_179,OCL_85,Theia_76

OCSN_55,Theia_792

Theia_1065,UPK_93

Collinder_179,FSR_1217,MWSC_1454,Melotte_85,NGC_2548,OCL_584,Theia_870
Collinder_42,Escorial_1,M45,MWSC_305,Melotte_22,OCL_421,Pleiades,Theia_369
BH_109,Collinder_238,ESO_128-31,MWSC_1890,Melotte_103,NGC_3532,OCL_839,Theia_720

Collinder_179,FSR_1217,MWSC_1454,Melotte_85,NGC_2548,OCL_584,Theia_870
ASCC_10,AT_9,Alessi-Teutsch_9,Alessi_Teutsch_9,MWSC_275,Theia_557
Theia_379

Collinder_119,MWSC_1000,Melotte_54,NGC_2301,OCL_540
Collinder_47,MWSC_353,Melotte_23,NGC_1528,OCL_397,Theia_5062,Theia_5528,Theia_593,Theia_7064
Theia_826,UPK_350
Theia_826,UPK_350

Collinder_116,MWSC_989,Melotte_51,NGC_2281,OCL_446,Theia_635
CWWL_3595,Gaia_8,PHOC_41

Collinder_50,Hyades,MWSC_379,Melotte_25,OCL_456,Taurus_Moving_Cluster
BH_254,Collinder_354,ESO_394-9,MWSC_2739,Melotte_183,NGC_6475,OCL_1028,Theia_692
Collinder_50,Hyades,MWSC_379,Melotte_25,OCL_456,Taurus_Moving_Cluster
Collinder_67,MWSC_557,Melotte_36,NGC_1912,OCL_433,Theia_2549
OCSN_26,Theia_1188

Collinder_189,MWSC_1527,M_44,Melotte_88,NGC_2632,OCL_507,Praesepe
Theia_7478

Collinder_67,MWSC_557,Melotte_36,NGC_1912,OCL_433,Theia_2549
Alessi_22,CWNU_1254,Theia_1106

Collinder_118,ESO_557-14,MWSC_978,Melotte_52,NGC_2287,OCL_597,Theia_476
Collinder_435,MWSC_3507,NGC_7063,OCL_192
Alessi_9,MWSC_2670

Theia_4877

Collinder_152,Escorial_21,MWSC_1278,Melotte_68,NGC_2422,OCL_596,Theia_320
Collinder_380,MWSC_2917,Melotte_201,NGC_6633,OCL_90,Theia_924
FoF_658,Theia_3904,Theia_4142,UBC_211

Collinder_70,OCSN_61

Collinder_438,MWSC_3521,Melotte_236,NGC_7092,OCL_211,Theia_517,Theia_822
Roslund_6,TRSG_6

CWNU_1355

Collinder_256,Coma_Berenices,MWSC_2020,Melotte_111,OCL_558
Theia_360,UPK_429

Collinder_189,MWSC_1527,M_44,Melotte_88,NGC_2632,OCL_507,Praesepe

Collinder_42,Escorial_1,M45,MWSC_305,Melotte_22,OCL_421,Pleiades,Theia_369
CWNU_200,Theia_3747

BH_109,Collinder_238,ESO_128-31,MWSC_1890,Melotte_103,NGC_3532,OCL_839,Theia_720

Collinder_50,Hyades,MWSC_379,Melotte_25,OCL_456,Taurus_Moving_Cluster
OCSN_24

Theia_390

Collinder_349,IC_4665,MWSC_2689,Melotte_179,OCL_85,Theia_76

Collinder_443,MWSC_3572,NGC_7160,OCL_236,Theia_42

Alessi_71,MWSC_2914,Mamajek_4

Theia_1065,UPK_93

Collinder_116,MWSC_989,Melotte_51,NGC_2281,OCL_446,Theia_635

ASCC_23,FSR_746,Ferrero_16,MWSC_839,Theia_552

BH_109,Collinder_238,ESO_128-31,MWSC_1890,Melotte_103,NGC_3532,OCL_839,Theia_720
Theia_943

UPK_612

Collinder_116,MWSC_989,Melotte_51,NGC_2281,OCL_446,Theia_635
Collinder_154,FSR_972,MWSC_1292,Melotte_69,NGC_2420,OCL_488,Theia_6042
IC_1442,MWSC_3606,OCL_224,Theia_4265,UBC_164
Alessi_2,LeDrew_4,MWSC_419

Collinder_116,MWSC_989,Melotte_51,NGC_2281,OCL_446,Theia_635
Collinder_67,MWSC_557,Melotte_36,NGC_1912,OCL_433,Theia_2549

Collinder_189,MWSC_1527,M_44,Melotte_88,NGC_2632,OCL_507,Praesepe
Alessi_145,Theia_467,UBC_13
Collinder_438,MWSC_3521,Melotte_236,NGC_7092,OCL_211,Theia_517,Theia_822
Collinder_60,MWSC_484,NGC_1817,OCL_463,Theia_4898
OCSN_49
Collinder_50,Hyades,MWSC_379,Melotte_25,OCL_456,Taurus_Moving_Cluster
Theia_387
CWNU_80
COIN-Gaia_25,Theia_991

ASCC_124,Alessi_37,MWSC_3663
Theia_4877
Collinder_42,Escorial_1,M45,MWSC_305,Melotte_22,OCL_421,Pleiades,Theia_369

LISC-III_3517,Renou_23,Theia_938,UBC_8
AFF_5,Bok_1,MWSC_500,NGC_1901,OCL_791.1
Collinder_438,MWSC_3521,Melotte_236,NGC_7092,OCL_211,Theia_517,Theia_822
Theia_7983,UPK_167
Alessi_3,MWSC_1157,Theia_1011
BH_109,Collinder_238,ESO_128-31,MWSC_1890,Melotte_103,NGC_3532,OCL_839,Theia_720

COIN-Gaia_9
AFF_5,Bok_1,MWSC_500,NGC_1901,OCL_791.1
UBC_616

FoF_2417,UPK_82
UPK_296
AT_21,Alessi-Teutsch_1,Alessi-Teutsch_21,Alessi_23,COIN-Gaia_2,Theia_2869,Theia_3945
Collinder_402,FSR_228,Melotte_222,NGC_6811,OCL_185,Theia_5603

COIN-Gaia_19,Stock_8,Theia_3889
AFF_5,Bok_1,MWSC_500,NGC_1901,OCL_791.1
Alessi_9,MWSC_2670
UPK_80
Collinder_179,FSR_1217,MWSC_1454,Melotte_85,NGC_2548,OCL_584,Theia_870
Collinder_42,Escorial_1,M45,MWSC_305,Melotte_22,OCL_421,Pleiades,Theia_369
NGC_6866,Theia_4895
IC_2391,Theia_114
COIN-Gaia_14

Stock_2,Theia_524
Collinder_380,MWSC_2917,Melotte_201,NGC_6633,OCL_90,Theia_924
Patchick_12,UBC_44
HXHWL_23,Theia_4535
COIN-Gaia_12,LISC_3479,Theia_675
Collinder_56,MWSC_430,Melotte_27,NGC_1664,OCL_411
ASCC_124,Alessi_37,MWSC_3663

NGC_6866,Theia_4895
Collinder_60,MWSC_484,NGC_1817,OCL_463,Theia_4898

Collinder_82,MWSC_754,Melotte_41,NGC_2168,OCL_466,Theia_203
Collinder_82,MWSC_754,Melotte_41,NGC_2168,OCL_466,Theia_203
UBC_143
Collinder_189,MWSC_1527,M_44,Melotte_88,NGC_2632,OCL_507,Praesepe
Collinder_49,MWSC_369,NGC_1545,OCL_399,Theia_749
Ferrero_53,Teutsch_176,Teutsch_J0352+4558,Theia_297,UBC_88,UPK_322
Theia_733,UBC_4
Theia_5006,UBC_6
ASCC_124,Alessi_37,MWSC_3663

HXHWL_23,Theia_4535
Theia_2574,UBC_54
Theia_1040
CWNU_200,Theia_3747
Collinder_55,MWSC_425,NGC_1662,OCL_470,Theia_1018

FSR_0905,FSR_905,MWSC_904,Theia_3923
Collinder_56,MWSC_430,Melotte_27,NGC_1664,OCL_411

COIN-Gaia_25,Theia_991
UBC_68
Alessi_2,LeDrew_4,MWSC_419
Collinder_438,MWSC_3521,Melotte_236,NGC_7092,OCL_211,Theia_517,Theia_822
Theia_2574,UBC_54
Theia_742,Theia_862
Alessi_2,LeDrew_4,MWSC_419
Collinder_67,MWSC_557,Melotte_36,NGC_1912,OCL_433,Theia_2549
Collinder_82,MWSC_754,Melotte_41,NGC_2168,OCL_466,Theia_203
Gulliver_8,HXWHB_6,HXWHB_8,Melotte_31,Theia_504
LISC-III_3517,Renou_23,Theia_938,UBC_8
UBC_1285
NGC_6866,Theia_4895
Collinder_386,Graff_1,IC_4756,LISC-III_3449,MWSC_2967,Melotte_210,OCL_94,Theia_1115
Collinder_55,MWSC_425,NGC_1662,OCL_470,Theia_1018
FSR_0951,FSR_951,MWSC_849,Theia_2489
Collinder_350,MWSC_2700,OCL_75,Theia_919
AT_21,Alessi-Teutsch_1,Alessi-Teutsch_21,Alessi_23,COIN-Gaia_2,Theia_2869,Theia_3945
ASCC_10,AT_9,Alessi-Teutsch_9,Alessi_Teutsch_9,MWSC_275,Theia_557

COIN-Gaia_19,Stock_8,Theia_3889
Collinder_57,FSR_822,MWSC_461,MWSC_462,Melotte_28,NGC_1746,NGC_1750,OCL_452,OCL_454,Theia_3!
MWSC_3682,NGC_7438,Theia_4429,Theia_866,UBC_175
Alessi_2,LeDrew_4,MWSC_419
DSH_J0602.2+2608,Teutsch_92,UBC_1301
CWNU_449,Theia_560

UBC_614
Collinder_56,MWSC_430,Melotte_27,NGC_1664,OCL_411

UPK_39

ASCC_6,MWSC_141,Theia_2326
CWNU_52
Collinder_57,FSR_822,MWSC_461,MWSC_463,Melotte_28,NGC_1746,NGC_1758,OCL_452,OCL_453,Theia_8!
Collinder_38,FSR_648,MWSC_264,Melotte_18,NGC_1245,OCL_389,Theia_5374
FoF_2139,Theia_2461,UBC_195
AT_21,Alessi-Teutsch_1,Alessi-Teutsch_21,Alessi_23,COIN-Gaia_2,Theia_2869,Theia_3945

CWNU_1807
CWNU_33,OC_0298
Collinder_31,MWSC_223,Melotte_17,NGC_1039,OCL_382,Theia_251

CWNU_100,Theia_546
CWNU_2644

CWNU_216,OC_0322
Collinder_119,MWSC_1000,Melotte_54,NGC_2301,OCL_540
Collinder_256,Coma_Berenices,MWSC_2020,Melotte_111,OCL_558
Collinder_256,Coma_Berenices,MWSC_2020,Melotte_111,OCL_558
Collinder_256,Coma_Berenices,MWSC_2020,Melotte_111,OCL_558
Collinder_256,Coma_Berenices,MWSC_2020,Melotte_111,OCL_558
Collinder_256,Coma_Berenices,MWSC_2020,Melotte_111,OCL_558
Collinder_256,Coma_Berenices,MWSC_2020,Melotte_111,OCL_558
UPK_303
CWNU_1066
CWNU_2456
FoF_658,Theia_3904,Theia_4142,UBC_211
UBC_80
FSR_0866,FSR_866,MWSC_1022,Theia_6736

kind	cst	n_stars	cst_tidal	n_stars_tidal	ra	dec	l
o	17.3047622	128	17.3047622	128	103.2962781	-0.1972969	213.3066953
m	11.8936219	65	11.8936219	65	46.2612639	-4.5699789	183.5843071
o	3.2250734	13	4.5964818	10	16.4051652	58.5025107	124.7888222
o	99.0000000	1721	99.0000000	1014	56.6797832	24.1084545	166.5249552
o	4.7834504	49	5.3320993	44	96.0317958	35.7419914	177.9521376
m	10.7192161	159	10.7192161	159	68.2886089	66.6550073	142.4666680
o	4.1881188	14	4.1881188	14	85.7075688	-9.3761204	213.6803997
o	99.0000000	938	34.5941591	616	51.3319384	49.1186585	147.1198757
o	27.4379342	927	29.6677975	386	66.7086458	16.0807978	179.8733492
o	32.2741278	491	25.9347625	344	317.9625957	38.5453047	82.8245062
o	18.1112030	221	18.7039112	203	98.6763011	8.3443848	203.6049999
o	27.4379342	927	29.6677975	386	66.7086458	16.0807978	179.8733492
o	99.0000000	1095	99.0000000	589	40.5481756	42.7220782	143.6944550
o	99.0000000	1129	27.8898661	510	114.1690869	-14.4926546	230.9772471
o	27.4379342	927	29.6677975	386	66.7086458	16.0807978	179.8733492
o	21.3796378	200	16.4383023	102	155.2778300	-51.8450645	280.7275323
o	14.0781274	90	12.1576474	65	72.5701942	52.2642234	154.9667050
o	12.8662022	67	12.8662022	67	344.0898907	59.9116457	108.9693468
o	11.0272808	92	11.0272808	92	95.2698362	29.5171439	183.2880125
o	26.0630563	376	22.9005882	264	130.2601512	-53.0416992	270.4153375
o	9.6215303	61	11.2876223	54	96.6376031	29.8865395	183.4989220
o	31.4629405	515	26.4733916	368	276.8054786	6.5592005	36.0541155
o	99.0000000	3414	37.1684390	1842	166.3935389	-58.6937864	289.5381592
o	14.3915848	105	14.5093186	104	82.5103576	-2.1103825	205.2919191
o	23.4995734	228	23.4995734	228	255.0985345	-68.5235622	322.6094542
m	4.8589756	88	6.5326482	57	54.9954119	25.2116984	164.4750658
o	3.5877922	19	3.8373269	17	200.9510725	55.7081665	113.5686042
o	14.7293584	91	14.7293584	91	148.2335502	-62.2012740	283.6912384
o	31.4629405	515	26.4733916	368	276.8054786	6.5592005	36.0541155
o	99.0000000	948	28.8837029	593	101.4951399	-20.7030497	230.9665509
o	99.0000000	717	29.8170760	447	102.0899494	41.0939708	174.8917381
o	14.1267058	114	14.1267058	114	302.8972114	26.7507441	65.7059743
o	99.0000000	1314	34.6870013	793	130.0881040	19.6658732	205.9158318
o	18.1204746	163	18.1732231	155	171.3524942	63.8398267	137.7313432
m	13.4203896	176	15.6489029	151	105.7020581	2.0292967	212.4201426
o	3.9029044	22	5.2277916	15	62.8470487	21.8637982	172.5987967
o	99.0000000	1427	99.0000000	961	268.4760553	-34.8283301	355.8359378
o	6.6849721	53	7.6781468	48	103.2002620	3.9491496	209.5708451
o	31.4629405	515	26.4733916	368	276.8054786	6.5592005	36.0541155
m	15.9618976	257	15.9618976	257	91.3803356	-37.4849869	244.0586419
o	9.4735251	134	9.6506419	133	317.1924130	-3.6713698	46.5511326
o	13.8400463	90	13.8400463	90	5.5135678	30.8795266	115.5318790
m	5.4886695	156	5.9479680	140	307.3753618	42.3936440	80.6829373
o	99.0000000	1314	34.6870013	793	130.0881040	19.6658732	205.9158318
o	99.0000000	3784	37.0556537	1651	119.5214987	-60.7929045	273.8533579
o	7.7098003	70	9.3704520	36	81.2719751	33.6777722	173.6416320
o	26.5365459	322	26.6434776	320	110.2769009	4.0815290	212.6637997
o	24.0540126	308	23.0258718	274	266.5324446	5.6347429	30.5227014
o	14.7477496	119	13.2519295	92	99.0184040	19.6134776	193.7197477
o	13.3620630	84	13.3620630	84	300.3154016	29.9446521	67.1799351

o	99.0000000	778	30.1363239	489	123.4548205	-5.7696807	227.9034386
o	99.0000000	1721	99.0000000	1014	56.6797832	24.1084545	166.5249552
o	99.0000000	3414	37.1684390	1842	166.3935389	-58.6937864	289.5381592
o	6.5800038	35	6.5800038	35	81.2027003	-33.8633307	237.7061924
o	99.0000000	778	30.1363239	489	123.4548205	-5.7696807	227.9034386
o	19.6197355	200	19.6197355	200	51.8627686	34.8864766	155.7769094
m	13.4203896	176	15.6489029	151	105.7020581	2.0292967	212.4201426
o	32.8200037	828	27.9376427	643	102.9374573	0.4620692	212.5562426
o	29.8574562	463	27.4916290	411	63.9055698	51.1949611	152.0977148
o	13.0223657	97	13.0295174	87	101.7474859	48.3321398	167.6732997
o	13.0223657	97	13.0295174	87	101.7474859	48.3321398	167.6732997
o	99.0000000	717	29.8170760	447	102.0899494	41.0939708	174.8917381
o	17.6992990	150	17.9057223	147	282.5431401	33.3928236	63.2241354
o	27.4379342	927	29.6677975	386	66.7086458	16.0807978	179.8733492
o	99.0000000	1427	99.0000000	961	268.4760553	-34.8283301	355.8359378
o	27.4379342	927	29.6677975	386	66.7086458	16.0807978	179.8733492
o	99.0000000	1072	35.0380493	743	82.1667431	35.8208235	172.2724737
o	11.9778181	71	12.1321817	69	338.7423849	29.9912665	90.7460738
o	99.0000000	1314	34.6870013	793	130.0881040	19.6658732	205.9158318
o	4.5650120	39	5.4399770	30	312.7649136	33.8063772	76.4551817
o	99.0000000	1072	35.0380493	743	82.1667431	35.8208235	172.2724737
o	8.9144209	49	9.6733815	43	357.1723142	36.2292495	109.0135106
o	99.0000000	948	28.8837029	593	101.4951399	-20.7030497	230.9665509
o	18.9644073	206	17.6404551	110	321.1173695	36.4889040	83.0772004
o	25.1550748	310	14.5328846	110	265.6423870	-46.7440077	344.4001060
o	7.7210377	50	8.0473089	49	294.1660209	45.1265698	78.0117432
o	99.0000000	1129	27.8898661	510	114.1690869	-14.4926546	230.9772471
o	31.4629405	515	26.4733916	368	276.8054786	6.5592005	36.0541155
o	20.1098897	155	20.1098897	155	95.2716101	-3.4681296	212.5692837
o	10.0694473	147	10.0694473	147	84.0836513	-0.4021664	204.4898980
o	31.6198006	511	22.4989659	284	322.8305068	48.3491318	92.2871384
o	27.2764241	452	26.4021819	278	307.5933066	40.3559052	79.1294471
o	4.4398317	60	6.8328493	34	102.3285947	6.3110030	207.0705916
o	9.3480511	43	9.4274673	41	96.0592137	21.0981500	191.1210058
o	21.8118415	271	17.4198932	117	186.0171988	26.4226748	217.9701647
o	13.9866086	101	13.9866086	101	108.9344575	-0.8202290	216.4422132
o	99.0000000	1314	34.6870013	793	130.0881040	19.6658732	205.9158318
o	99.0000000	1721	99.0000000	1014	56.6797832	24.1084545	166.5249552
o	10.3451195	53	10.3451195	53	96.9362153	36.0547002	177.9899443
o	99.0000000	3414	37.1684390	1842	166.3935389	-58.6937864	289.5381592
o	6.3649428	17	6.3649428	17	107.1026196	6.5415196	209.0130224
o	27.4379342	927	29.6677975	386	66.7086458	16.0807978	179.8733492
o	12.5900485	58	12.5900485	58	314.7721801	48.7610523	88.8854028
m	17.6026798	255	17.6026798	255	93.0973895	42.2375951	170.9960240
o	24.0540126	308	23.0258718	274	266.5324446	5.6347429	30.5227014
o	18.7786563	151	18.7786563	151	328.4556331	62.5792304	104.0105598
o	34.2082840	655	28.2432094	480	276.3709764	-50.6373438	344.0948206
o	13.3620630	84	13.3620630	84	300.3154016	29.9446521	67.1799351
o	99.0000000	717	29.8170760	447	102.0899494	41.0939708	174.8917381
o	21.3346729	194	21.5124444	193	95.0298283	46.6856953	167.4900251
o	23.4024026	330	23.4024026	330	93.0127446	13.9818774	196.0195916

o	99.0000000	3414	37.1684390	1842	166.3935389	-58.6937864	289.5381592
m	7.8705774	93	9.1273232	86	78.4087247	36.8809195	169.6767760
o	7.6233017	30	8.2364133	27	349.0479327	50.8859329	107.9794155
o	23.4995734	228	23.4995734	228	255.0985345	-68.5235622	322.6094542
o	99.0000000	717	29.8170760	447	102.0899494	41.0939708	174.8917381
o	30.0802052	761	27.7027849	356	114.6020789	21.5740677	198.1087493
o	15.5547559	152	16.3629685	141	333.9821734	53.9916123	101.2610836
o	21.7786711	249	22.3357185	233	71.5570480	55.1840708	152.3271837
o	9.3826881	41	9.3826881	41	20.8556640	48.9988006	128.3183857
o	99.0000000	717	29.8170760	447	102.0899494	41.0939708	174.8917381
o	99.0000000	1072	35.0380493	743	82.1667431	35.8208235	172.2724737
o	4.0422770	36	6.7515922	23	93.3851723	11.9039081	198.0199548
o	99.0000000	1314	34.6870013	793	130.0881040	19.6658732	205.9158318
m	11.7777813	143	13.7934329	130	120.9535869	3.9850883	217.7198266
o	31.6198006	511	22.4989659	284	322.8305068	48.3491318	92.2871384
o	36.1251409	718	31.0885656	530	78.1410295	16.6931842	186.1965213
m	24.8915529	265	24.8915529	265	89.9167759	45.4963087	166.9759541
o	27.4379342	927	29.6677975	386	66.7086458	16.0807978	179.8733492
o	11.6965648	119	14.3224128	100	79.1530404	37.1991422	169.7644202
o	8.7480874	65	9.5450256	62	93.9598488	11.8910876	198.2991651
o	18.2593087	158	18.6535685	156	91.6614975	20.4569036	189.7269311
o	6.7111761	46	6.7163940	42	94.9560602	23.1430708	188.8304848
o	28.3538811	396	28.3538811	396	341.9706911	46.2901708	101.7137193
o	7.7210377	50	8.0473089	49	294.1660209	45.1265698	78.0117432
o	99.0000000	1721	99.0000000	1014	56.6797832	24.1084545	166.5249552
o	11.8018840	88	11.8018840	88	348.3134891	60.3596567	111.0760221
o	25.1498428	335	22.1125522	232	84.5261355	57.1084192	154.9238396
o	22.5537351	231	20.2782290	193	79.2883688	-68.4409136	279.0510377
o	31.6198006	511	22.4989659	284	322.8305068	48.3491318	92.2871384
o	21.2705067	198	21.2776439	197	336.6616063	49.5157687	100.2142460
o	17.9498957	186	18.5994554	173	109.1867026	-46.6802815	257.9355323
o	99.0000000	3414	37.1684390	1842	166.3935389	-58.6937864	289.5381592
m	10.7192161	159	10.7192161	159	68.2886089	66.6550073	142.4666680
o	17.7934485	193	17.7934485	193	47.7142944	48.0296692	145.6703393
o	22.5537351	231	20.2782290	193	79.2883688	-68.4409136	279.0510377
o	7.5193832	26	8.0794576	24	106.9778165	19.9339637	196.7189960
o	11.8018840	88	11.8018840	88	348.3134891	60.3596567	111.0760221
o	14.1090613	142	14.2439367	131	298.4636261	26.2019508	63.1345147
o	9.4849679	86	11.1338715	69	42.3231744	48.6071637	142.2040691
o	21.1734930	196	21.1734930	196	15.0978668	55.4063363	124.2133567
o	29.5723229	435	20.2897140	205	294.3438912	46.3641147	79.1957861
m	9.7303686	98	10.2785698	67	72.2708796	-42.3459202	246.8609139
o	14.6807627	138	15.6707941	126	82.1913561	34.3361242	173.5198997
o	22.5537351	231	20.2782290	193	79.2883688	-68.4409136	279.0510377
o	25.1550748	310	14.5328846	110	265.6423870	-46.7440077	344.4001060
o	7.7323401	78	8.0623216	73	293.8430972	28.1282100	62.7510870
o	99.0000000	778	30.1363239	489	123.4548205	-5.7696807	227.9034386
o	99.0000000	1721	99.0000000	1014	56.6797832	24.1084545	166.5249552
o	27.9377910	393	25.3829911	310	300.9821613	44.1659755	79.5680691
o	26.0630563	376	22.9005882	264	130.2601512	-53.0416992	270.4153375
o	7.0523268	51	8.6057442	38	77.6935408	39.2029063	167.4686859

o	99.0000000	3011	24.3327381	1103	33.8500429	59.5770090	133.3868193
o	31.4629405	515	26.4733916	368	276.8054786	6.5592005	36.0541155
o	12.8196447	96	12.9411878	95	31.0912792	54.3627272	133.5149485
o	12.5439366	121	12.6967395	116	335.5200261	54.5625981	102.3257838
o	12.4924794	137	12.4924794	137	79.4200839	41.6798583	166.2271516
o	32.9031916	650	30.1563681	381	72.7664814	43.6747818	161.6730593
o	28.3538811	396	28.3538811	396	341.9706911	46.2901708	101.7137193
o	4.4296279	67	6.2411385	27	86.6451227	40.4051315	170.2695630
o	27.9377910	393	25.3829911	310	300.9821613	44.1659755	79.5680691
o	36.1251409	718	31.0885656	530	78.1410295	16.6931842	186.1965213
o	4.8714737	32	5.4437937	19	319.6218468	38.3995778	83.6177859
o	99.0000000	1609	99.0000000	1106	92.2838081	24.3262176	186.6230994
o	99.0000000	1609	99.0000000	1106	92.2838081	24.3262176	186.6230994
o	11.2324190	93	11.2324190	93	299.8078466	45.7509674	80.5040629
o	99.0000000	1314	34.6870013	793	130.0881040	19.6658732	205.9158318
o	24.0740184	250	24.0740184	250	65.2770670	50.2475070	153.3808571
o	17.2817013	139	17.2817013	139	58.2103680	45.9751080	152.7510107
o	10.1787339	117	11.1003887	111	60.6581992	35.5611550	161.0969831
o	28.5605394	386	26.4032396	290	344.0718194	51.1448850	105.1815349
o	28.3538811	396	28.3538811	396	341.9706911	46.2901708	101.7137193
m	6.8229427	85	8.1626362	57	84.7145197	43.1749528	167.1366073
o	12.5439366	121	12.6967395	116	335.5200261	54.5625981	102.3257838
o	23.0072657	336	21.9083540	269	64.7247249	46.4145351	155.8148947
o	9.3521619	54	9.3521619	54	69.4426275	56.5141171	150.5339777
o	10.3451195	53	10.3451195	53	96.9362153	36.0547002	177.9899443
o	26.2870840	384	23.7492259	259	72.1139981	10.9037603	187.7247878
m	13.9276717	81	14.1822223	80	104.5933119	-79.4247295	291.1229181
o	18.4976256	157	18.6428791	155	98.4309604	22.3130751	191.0487642
o	32.9031916	650	30.1563681	381	72.7664814	43.6747818	161.6730593
o	4.4296279	67	6.2411385	27	86.6451227	40.4051315	170.2695630
o	6.7111761	46	6.7163940	42	94.9560602	23.1430708	188.8304848
o	18.2593087	158	18.6535685	156	91.6614975	20.4569036	189.7269311
o	13.0443137	73	13.2408668	72	91.1849285	36.7943235	175.1942530
o	21.7786711	249	22.3357185	233	71.5570480	55.1840708	152.3271837
o	31.6198006	511	22.4989659	284	322.8305068	48.3491318	92.2871384
o	23.0072657	336	21.9083540	269	64.7247249	46.4145351	155.8148947
o	15.7094059	175	15.7094059	175	37.4004717	56.7455628	136.1233610
o	21.7786711	249	22.3357185	233	71.5570480	55.1840708	152.3271837
o	99.0000000	1072	35.0380493	743	82.1667431	35.8208235	172.2724737
o	99.0000000	1609	99.0000000	1106	92.2838081	24.3262176	186.6230994
o	13.6150076	119	13.6150076	119	80.5725603	33.7828456	173.2266840
o	25.1498428	335	22.1125522	232	84.5261355	57.1084192	154.9238396
o	8.4978244	59	9.9865889	51	86.7297504	32.1599435	177.3904108
o	27.9377910	393	25.3829911	310	300.9821613	44.1659755	79.5680691
o	37.5451337	718	27.9994888	397	279.6274683	5.4370895	36.3139372
o	26.2870840	384	23.7492259	259	72.1139981	10.9037603	187.7247878
o	21.7554279	221	21.7554279	221	95.5436049	14.6576431	196.5890595
o	24.3530425	283	15.9490817	136	267.0649627	1.4176177	26.8758178
o	21.1734930	196	21.1734930	196	15.0978668	55.4063363	124.2133567
o	19.6197355	200	19.6197355	200	51.8627686	34.8864766	155.7769094
o	11.5701300	116	11.5701300	116	74.4218852	35.9311157	168.4983134

o	14.6807627	138	15.6707941	126	82.1913561	34.3361242	173.5198997
o	33.3651166	572	28.5453206	309	75.9672894	23.6744410	179.1583827
o	20.1670361	193	20.1670361	193	344.4885599	54.4340801	106.8283042
o	21.7786711	249	22.3357185	233	71.5570480	55.1840708	152.3271837
o	12.3349673	87	12.3349673	87	90.5591187	26.1509409	184.2676996
o	7.3237471	47	8.1685264	42	73.5948847	45.8691915	160.3489177
o	3.7296448	15	4.4295659	12	86.1460552	21.8471866	185.9341211
o	9.0345198	56	9.5966512	38	80.1190753	30.2344475	175.9323838
o	32.9031916	650	30.1563681	381	72.7664814	43.6747818	161.6730593
o	4.7917579	26	5.6613908	17	63.2927984	37.6950504	161.1726021
o	13.7289292	190	13.7526176	189	277.4777187	1.0762701	31.4332513
o	6.0215199	68	8.1511518	39	63.3933501	49.5066873	153.0253737
o	19.2585700	209	19.2585700	209	26.8421588	57.7386068	130.3636862
o	8.2144295	67	8.5525202	64	72.3388329	26.1853899	175.0899578
o	22.5666728	288	19.0607515	204	76.1748967	23.8125587	179.1586717
o	99.0000000	1165	25.5531004	401	48.7113470	47.2350799	146.6694658
o	25.7447067	309	24.8567707	284	67.6906665	46.3163657	157.3179502
o	21.1734930	196	21.1734930	196	15.0978668	55.4063363	124.2133567
o	5.8966596	55	6.4669274	18	53.4845025	51.2875809	147.0185224
o	4.0900311	26	4.8787911	22	77.2786594	40.5045257	166.2326796
o	9.8822162	40	9.8822162	40	75.6120381	19.6904485	182.2611156
o	99.0000000	1095	99.0000000	589	40.5481756	42.7220782	143.6944550
o	8.2330744	110	8.4193354	106	104.7519287	3.3172797	210.8388422
o	3.5896273	12	3.5896273	12	111.1646008	6.9457303	210.4692777
o	15.8496618	102	15.8496618	102	110.1718962	-4.3802574	220.1835399
o	7.8947944	41	8.8557834	38	88.6732809	11.3059676	196.2960323
m	9.7394375	91	10.2330603	84	96.6997689	24.9005806	188.0057503
o	8.3017286	53	8.3017286	53	79.4176919	7.1641227	195.2056697
o	32.8200037	828	27.9376427	643	102.9374573	0.4620692	212.5562426
o	21.8118415	271	17.4198932	117	186.0171988	26.4226748	217.9701647
o	21.8118415	271	17.4198932	117	186.0171988	26.4226748	217.9701647
o	21.8118415	271	17.4198932	117	186.0171988	26.4226748	217.9701647
o	21.8118415	271	17.4198932	117	186.0171988	26.4226748	217.9701647
o	21.8118415	271	17.4198932	117	186.0171988	26.4226748	217.9701647
o	21.8118415	271	17.4198932	117	186.0171988	26.4226748	217.9701647
o	21.4388777	261	21.5812424	259	38.6308564	40.8071249	143.1738165
o	10.1910751	56	10.5346110	53	357.9591422	-18.7854153	61.1407268
o	4.5437039	17	4.6553197	10	111.1946425	2.2955232	214.6932069
o	20.1098897	155	20.1098897	155	95.2716101	-3.4681296	212.5692837
o	7.2711194	59	9.6361496	43	91.6095130	8.7749255	199.9372363
o	22.1060489	242	18.6229738	187	103.8356675	29.7409746	186.3307548

b	ang_radius_50	ang_radius_c	ang_radius_t	ang_radius_total	radius_50_pc
0.2987783	0.0657	0.0379	0.3926	0.3926	1.7610
-50.9829342	11.0236	23.0881	23.0881	23.0881	22.9945
-4.3180926	1.7337	3.6878	3.6878	5.9455	5.1239
-23.5703531	1.1456	0.9868	4.7101	14.7807	2.6963
10.3976833	1.8700	3.6950	3.6950	5.2753	13.3901
12.6232735	21.8639	39.9667	39.9667	39.9667	98.3544
-19.4657295	2.4073	5.3888	5.3888	5.3888	3.6847
-6.3893032	1.3898	1.2425	5.5439	11.4170	4.2113
-22.2202846	4.2092	10.3512	10.3512	49.3997	3.4731
-6.6692846	0.5761	0.5027	2.3438	3.1019	5.6049
0.1111752	0.1519	0.1911	0.4791	0.6460	3.6917
-22.2202846	4.2092	10.3512	10.3512	49.3997	3.4731
-15.6404790	0.3039	0.2414	1.3390	3.1075	2.5976
3.1453805	0.2535	0.2481	0.9430	3.1653	2.0718
-22.2202846	4.2092	10.3512	10.3512	49.3997	3.4731
4.4258604	0.2876	0.2004	1.4273	2.4780	2.3946
4.9270362	0.8831	0.8729	3.2606	4.3629	4.5893
0.1968202	0.4952	0.6685	1.5029	1.5029	3.6078
7.0286380	0.7879	1.3937	2.1250	2.1250	9.6316
-6.7830525	0.7026	0.5884	2.9571	11.8314	1.8417
8.2551076	1.0829	1.0827	3.9652	7.2745	8.7964
8.3567225	0.4623	0.4203	1.8199	3.3027	3.1432
1.3975680	0.4015	0.3745	1.5488	3.5149	3.3065
-19.0301515	1.5978	2.0524	4.9813	5.5282	8.9691
-15.8162174	1.7134	1.5039	6.9369	6.9369	6.7812
-23.7579332	7.3823	12.2298	12.2298	23.4650	22.3344
60.8278005	8.1301	14.1284	22.0675	31.6541	3.5835
-6.1975576	2.4928	3.0093	8.0546	8.0546	9.7020
8.3567225	0.4623	0.4203	1.8199	3.3027	3.1432
-10.4293929	0.2663	0.4210	0.7502	1.9821	3.3233
16.9003608	0.3415	0.2931	1.4085	5.3332	3.0335
-3.8453928	1.1659	0.9906	4.8489	4.8489	9.6350
32.4734998	1.0129	1.2233	3.2722	9.8854	3.2442
50.7447469	4.2913	3.7624	17.3902	20.2977	18.3738
3.4544643	7.9579	17.7613	17.7613	26.3689	38.8820
-21.1771836	0.3184	0.4348	0.4348	0.7848	3.9137
-4.5277932	0.6756	0.6771	2.4693	4.8620	3.2544
2.1023664	0.2722	0.2710	0.9998	1.4927	6.3992
8.3567225	0.4623	0.4203	1.8199	3.3027	3.1432
-24.7106309	8.1682	15.0427	21.7235	21.7235	21.4223
-32.0137096	11.3285	19.6403	30.7753	34.0802	19.8605
-31.5696613	5.6876	12.1594	12.1594	12.1594	17.2239
1.9883905	2.5230	2.4092	9.5600	12.8411	20.1011
32.4734998	1.0129	1.2233	3.2722	9.8854	3.2442
-15.8720507	0.4457	0.3686	1.8961	6.9496	3.1665
-1.1252235	0.0834	0.1982	0.1982	1.0497	1.7431
8.4565048	1.0878	0.7611	5.3782	6.0797	8.8220
17.0829268	0.5105	0.3377	2.6636	3.9543	3.0594
5.5607538	1.9558	1.8609	7.4308	8.9334	7.1226
-0.2132920	0.3588	0.2896	1.5589	1.5589	4.4479

15.4050561	0.3348	0.2923	1.3615	3.0122	4.3656
-23.5703531	1.1456	0.9868	4.7101	14.7807	2.6963
1.3975680	0.4015	0.3745	1.5488	3.5149	3.3065
-31.7903147	5.9504	12.5072	15.2042	15.2042	6.0230
15.4050561	0.3348	0.2923	1.3615	3.0122	4.3656
-17.8499099	1.0779	0.7664	5.2495	5.2495	12.1927
3.4544643	7.9579	17.7613	17.7613	26.3689	38.8820
0.2800934	0.1745	0.1929	0.5960	1.1011	2.5574
0.2691610	0.1984	0.1212	1.1203	1.2070	3.4485
19.2167419	1.1875	1.1233	4.5320	7.4295	8.8810
19.2167419	1.1875	1.1233	4.5320	7.4295	8.8810
16.9003608	0.3415	0.2931	1.4085	5.3332	3.0335
14.7774469	0.6894	0.4424	3.7041	4.9031	3.4803
-22.2202846	4.2092	10.3512	10.3512	49.3997	3.4731
-4.5277932	0.6756	0.6771	2.4693	4.8620	3.2544
-22.2202846	4.2092	10.3512	10.3512	49.3997	3.4731
0.6799369	0.1860	0.1890	0.6730	1.1599	3.5234
-24.2189625	1.4763	3.1985	3.7420	4.6489	8.3806
32.4734998	1.0129	1.2233	3.2722	9.8854	3.2442
-6.6032842	0.4012	0.8846	0.8846	1.6626	6.0648
0.6799369	0.1860	0.1890	0.6730	1.1599	3.5234
-24.9407918	1.3275	3.1400	3.1400	3.8807	8.2013
-10.4293929	0.2663	0.4210	0.7502	1.9821	3.3233
-9.8980946	0.1761	0.1469	0.7437	2.6557	2.0180
-8.7181948	0.8963	1.0220	3.0000	8.5678	3.2601
11.5387690	0.2889	0.4363	0.8302	0.9967	6.3955
3.1453805	0.2535	0.2481	0.9430	3.1653	2.0718
8.3567225	0.4623	0.4203	1.8199	3.3027	3.1432
-8.3308261	0.1375	0.1106	0.5991	0.5991	3.3675
-16.8370431	0.5202	0.7683	1.5103	1.5103	3.4286
-2.2494399	0.9525	0.8010	3.9955	9.4053	4.9192
0.6590367	0.9482	1.1478	3.0590	4.1243	5.7939
2.4029944	0.2408	0.4721	0.4721	1.5931	3.7076
3.7739977	0.0949	0.1073	0.3192	0.5163	2.5139
83.8515446	2.5112	2.4743	9.2940	35.7579	3.7388
5.0284360	0.2253	0.2939	0.6963	0.6963	3.3590
32.4734998	1.0129	1.2233	3.2722	9.8854	3.2442
-23.5703531	1.1456	0.9868	4.7101	14.7807	2.6963
11.1933913	0.1385	0.1214	0.5613	0.5613	2.8183
1.3975680	0.4015	0.3745	1.5488	3.5149	3.3065
6.7402179	0.1375	0.1722	0.4346	0.4346	2.6463
-22.2202846	4.2092	10.3512	10.3512	49.3997	3.4731
1.8767564	2.1045	2.7049	6.5588	6.5588	5.7577
11.2325372	3.0767	3.8127	9.7893	9.7893	30.7595
17.0829268	0.5105	0.3377	2.6636	3.9543	3.0594
6.4271451	0.2011	0.1577	0.8958	0.8958	3.1408
-16.7835592	2.4071	1.5588	12.8199	13.2088	18.6720
-0.2132920	0.3588	0.2896	1.5589	1.5589	4.4479
16.9003608	0.3415	0.2931	1.4085	5.3332	3.0335
14.3948501	0.3146	0.2164	1.5808	1.5808	3.3147
-2.1501183	2.5838	2.7042	9.1572	9.1572	9.5608

1.3975680	0.4015	0.3745	1.5488	3.5149	3.3065
-1.2031665	2.5756	2.1614	10.8231	14.2644	25.1463
-9.1997457	0.2584	0.6165	0.6399	0.9753	3.3035
-15.8162174	1.7134	1.5039	6.9369	6.9369	6.7812
16.9003608	0.3415	0.2931	1.4085	5.3332	3.0335
19.6396844	0.0461	0.0501	0.1592	0.3388	1.8595
-2.2046401	0.1457	0.3559	0.3559	0.5595	8.6555
6.3358369	0.4481	0.5002	1.5206	3.3039	4.7249
-13.5381420	0.3268	0.3496	1.1411	1.1411	5.0745
16.9003608	0.3415	0.2931	1.4085	5.3332	3.0335
0.6799369	0.1860	0.1890	0.6730	1.1599	3.5234
-2.8252602	0.1541	0.2938	0.2938	0.7675	3.3536
32.4734998	1.0129	1.2233	3.2722	9.8854	3.2442
17.9045665	2.0144	4.8934	4.8934	7.4795	22.0171
-2.2494399	0.9525	0.8010	3.9955	9.4053	4.9192
-13.0318882	0.1701	0.2249	0.5221	0.7222	4.8590
10.6893606	6.6146	7.6977	21.8572	21.8572	24.8973
-22.2202846	4.2092	10.3512	10.3512	49.3997	3.4731
-0.5349114	0.6405	0.4838	2.9505	7.8904	5.8825
-2.3368128	0.7861	1.1482	2.2943	3.7891	10.2788
-0.1471402	0.3448	0.3701	1.2011	1.3690	4.7486
3.8236710	0.4446	0.9448	0.9448	1.2347	10.0589
-11.4290132	0.8844	0.5292	5.0956	5.0956	11.0174
11.5387690	0.2889	0.4363	0.8302	0.9967	6.3955
-23.5703531	1.1456	0.9868	4.7101	14.7807	2.6963
-0.2322370	2.9988	6.2989	6.2989	6.2989	16.8250
13.3481259	0.4030	0.2957	1.9066	5.3697	3.3208
-33.7010721	0.8429	0.5930	4.1457	6.3102	6.1252
-2.2494399	0.9525	0.8010	3.9955	9.4053	4.9192
-6.8616276	0.9214	1.5027	2.5628	3.0063	8.7646
-15.3344869	1.1142	2.3520	2.8436	4.2368	5.3790
1.3975680	0.4015	0.3745	1.5488	3.5149	3.3065
12.6232735	21.8639	39.9667	39.9667	39.9667	98.3544
-8.5911657	0.8533	0.5912	4.2578	4.2578	12.9361
-33.7010721	0.8429	0.5930	4.1457	6.3102	6.1252
12.4476934	0.0727	0.1733	0.1733	0.3234	3.4996
-0.2322370	2.9988	6.2989	6.2989	6.2989	16.8250
-0.7714739	0.5184	1.2338	1.2338	2.2059	4.8664
-9.8047336	0.6869	1.3334	1.7961	4.9479	6.2240
-7.4431324	0.1688	0.1240	0.7970	0.7970	3.6316
11.9896038	0.1159	0.0990	0.4797	0.6641	2.2455
-39.9320688	7.4915	11.0455	11.0455	22.9087	20.6600
-0.1254997	0.1821	0.1669	0.7118	1.6733	3.8824
-33.7010721	0.8429	0.5930	4.1457	6.3102	6.1252
-8.7181948	0.8963	1.0220	3.0000	8.5678	3.2601
3.7515835	0.4541	0.9505	0.9505	1.1457	7.0859
15.4050561	0.3348	0.2923	1.3615	3.0122	4.3656
-23.5703531	1.1456	0.9868	4.7101	14.7807	2.6963
6.8414672	0.1464	0.1502	0.5260	0.6964	3.5815
-6.7830525	0.7026	0.5884	2.9571	11.8314	1.8417
-0.2899207	0.1544	0.3637	0.3637	1.1379	2.5644

-1.5795868	0.6657	0.6111	2.6003	13.6952	4.3020
8.3567225	0.4623	0.4203	1.8199	3.3027	3.1432
-7.0036743	0.0961	0.0818	0.3996	0.4966	4.2187
-2.2212054	0.2385	0.3235	0.7221	1.4025	6.0480
2.2241019	0.3775	0.2948	1.6874	1.6874	6.2294
-0.4509037	0.1258	0.1027	0.5415	1.5686	2.8285
-11.4290132	0.8844	0.5292	5.0956	5.0956	11.0174
6.1035473	1.0248	1.8026	1.8026	9.8431	10.8906
6.8414672	0.1464	0.1502	0.5260	0.6964	3.5815
-13.0318882	0.1701	0.2249	0.5221	0.7222	4.8590
-7.7129702	0.1256	0.2631	0.3213	0.7700	3.3160
2.2347265	0.2304	0.2654	0.7664	2.2514	3.3724
2.2347265	0.2304	0.2654	0.7664	2.2514	3.3724
8.3717740	0.2818	0.3228	0.9407	0.9407	6.3998
32.4734998	1.0129	1.2233	3.2722	9.8854	3.2442
0.1981078	0.3238	0.2301	1.5769	1.5769	3.9344
-6.1309035	0.1869	0.1609	0.7687	0.7687	3.0609
-12.7766552	1.1818	1.6995	3.4750	5.2501	12.0289
-7.7147768	0.1641	0.1285	0.7322	2.0490	3.9439
-11.4290132	0.8844	0.5292	5.0956	5.0956	11.0174
6.3079209	0.9858	1.6953	1.6953	3.0275	20.8257
-2.2212054	0.2385	0.3235	0.7221	1.4025	6.0480
-2.7862012	0.2053	0.1882	0.8030	1.2811	3.7762
6.3081027	1.2247	2.3591	3.2100	3.2100	13.2710
11.1933913	0.1385	0.1214	0.5613	0.5613	2.8183
-21.1319135	0.5342	0.4601	2.1967	12.9602	3.7727
-26.3144179	9.5690	19.6888	19.6888	21.6573	25.8142
6.2892059	0.1217	0.1181	0.4557	0.5926	3.0698
-0.4509037	0.1258	0.1027	0.5415	1.5686	2.8285
6.1035473	1.0248	1.8026	1.8026	9.8431	10.8906
3.8236710	0.4446	0.9448	0.9448	1.2347	10.0589
-0.1471402	0.3448	0.3701	1.2011	1.3690	4.7486
7.4056611	0.1088	0.1389	0.3401	0.4416	3.8757
6.3358369	0.4481	0.5002	1.5206	3.3039	4.7249
-2.2494399	0.9525	0.8010	3.9955	9.4053	4.9192
-2.7862012	0.2053	0.1882	0.8030	1.2811	3.7762
-3.5908870	1.5544	1.8234	5.1113	5.1113	18.9180
6.3358369	0.4481	0.5002	1.5206	3.3039	4.7249
0.6799369	0.1860	0.1890	0.6730	1.1599	3.5234
2.2347265	0.2304	0.2654	0.7664	2.2514	3.3724
-1.5462912	0.3660	0.3287	1.4549	1.4549	6.8590
13.3481259	0.4030	0.2957	1.9066	5.3697	3.3208
1.9140077	0.0892	0.1167	0.2751	0.6066	3.7287
6.8414672	0.1464	0.1502	0.5260	0.6964	3.5815
5.3452458	0.4251	0.4179	1.5762	3.2459	3.4632
-21.1319135	0.5342	0.4601	2.1967	12.9602	3.7727
0.3289492	0.1436	0.1559	0.4962	0.4962	4.1135
14.6818126	0.5675	0.6423	1.9088	5.2194	3.6225
-7.4431324	0.1688	0.1240	0.7970	0.7970	3.6316
-17.8499099	1.0779	0.7664	5.2495	5.2495	12.1927
-4.3353912	2.9151	2.5064	12.0042	12.0042	17.6356

-0.1254997	0.1821	0.1669	0.7118	1.6733	3.8824
-10.6949330	0.3262	0.3347	1.1727	6.9435	3.9958
-4.8506158	0.3295	0.2527	1.4971	1.4971	7.4611
6.3358369	0.4481	0.5002	1.5206	3.3039	4.7249
1.7636920	0.0670	0.0542	0.2907	0.2907	3.9313
1.3951841	0.7972	1.3714	2.1721	3.0106	8.9108
-3.8921491	0.0636	0.0644	0.2306	0.3636	1.4316
-3.8777057	0.0670	0.1485	0.1485	0.4414	2.1157
-0.4509037	0.1258	0.1027	0.5415	1.5686	2.8285
-9.7738640	0.1068	0.1968	0.1968	0.7119	1.8398
5.2800208	0.4050	0.4438	1.3910	1.4961	3.0714
-1.1788031	0.4398	0.8117	0.8117	3.1203	4.4776
-4.3238499	0.1436	0.0821	0.8666	0.8666	3.7642
-11.7930874	0.7355	1.8053	1.8053	2.0179	7.7528
-10.4600082	0.1159	0.0930	0.5063	0.7334	1.7350
-8.9192795	0.0629	0.0708	0.2124	1.0826	3.3048
-1.3926719	0.1866	0.0926	1.3067	1.5798	3.4577
-7.4431324	0.1688	0.1240	0.7970	0.7970	3.6316
-3.8220101	0.6757	1.2292	1.2292	6.1400	6.8401
0.2277078	0.0613	0.0793	0.1906	0.2939	2.6448
-13.2972263	0.1501	0.3529	0.3529	0.3529	3.3682
-15.6404790	0.3039	0.2414	1.3390	3.1075	2.5976
3.1945666	1.7832	1.4320	7.7807	8.5340	19.0585
10.5301170	0.1551	0.3627	0.3860	0.3860	4.9008
4.4805385	0.8416	1.4391	2.2979	2.2979	7.5815
-7.1510336	0.2752	0.5807	0.5807	0.7623	9.6142
6.0485480	0.5520	0.8044	0.8044	0.8913	26.0987
-17.1228660	0.3328	0.1861	2.0546	2.0546	2.2438
0.2800934	0.1745	0.1929	0.5960	1.1011	2.5574
83.8515446	2.5112	2.4743	9.2940	35.7579	3.7388
83.8515446	2.5112	2.4743	9.2940	35.7579	3.7388
83.8515446	2.5112	2.4743	9.2940	35.7579	3.7388
83.8515446	2.5112	2.4743	9.2940	35.7579	3.7388
83.8515446	2.5112	2.4743	9.2940	35.7579	3.7388
83.8515446	2.5112	2.4743	9.2940	35.7579	3.7388
-17.9778200	4.0299	4.4103	13.8543	16.9146	14.8797
-73.9634131	3.0912	3.0630	11.3936	16.3904	5.3664
8.4633120	0.0732	0.1247	0.1247	0.2088	3.4292
-8.3308261	0.1375	0.1106	0.5991	0.5991	3.3675
-5.8562748	0.1173	0.2425	0.3010	0.7681	4.2648
13.8493424	0.1288	0.1480	0.4291	0.9186	2.6560

radius_c_pc	radius_t_pc	radius_total_pc	pmra	pmra_std	pmra_error	pmdec	pmdec_std
1.0164	10.5220	10.5220	-1.0105	0.0982	0.0087	0.2682	0.0852
50.3181	50.3181	50.3181	4.4288	3.3850	0.4199	-10.1932	2.5812
10.9107	10.9107	17.6291	19.7331	0.7569	0.2393	-2.4143	1.1396
2.3225	11.1098	35.5780	19.9552	0.9963	0.0313	-45.4567	1.1401
26.4849	26.4849	37.8668	-3.4062	0.4562	0.0688	-1.8054	0.5660
205.4295	205.4295	205.4295	-7.0988	1.7836	0.1414	-14.2794	1.1269
8.2675	8.2675	8.2675	16.6212	1.5689	0.4193	-20.7312	2.0479
3.7648	16.8482	35.0537	22.9182	0.9219	0.0371	-25.4626	0.9476
8.6195	8.6195	55.0577	104.1355	14.7813	0.7523	-28.7323	10.7860
4.8907	22.8146	30.2070	0.8278	0.1727	0.0093	-3.6864	0.2020
4.6440	11.6451	15.7004	0.6419	0.1826	0.0128	-3.7954	0.1895
8.6195	8.6195	55.0577	104.1355	14.7813	0.7523	-28.7323	10.7860
2.0630	11.4474	26.5869	0.6521	0.2253	0.0093	-5.7909	0.2389
2.0275	7.7074	25.8963	-7.0690	0.2414	0.0107	1.0423	0.2220
8.6195	8.6195	55.0577	104.1355	14.7813	0.7523	-28.7323	10.7860
1.6687	11.8881	20.6483	-14.8555	0.2114	0.0209	-0.5946	0.1957
4.5363	16.9625	22.7162	9.1261	0.5573	0.0691	-16.9513	0.3965
4.8706	10.9521	10.9521	4.7706	0.2018	0.0246	-2.2445	0.1767
17.0393	25.9859	25.9859	0.3835	0.3525	0.0368	-2.9360	0.2351
1.5424	7.7585	31.4624	-24.7970	0.9043	0.0557	23.2672	0.7499
8.7947	32.2568	59.4030	-6.6163	0.2649	0.0361	-3.9276	0.2285
2.8575	12.3765	22.4785	1.2041	0.3228	0.0168	-1.8037	0.3188
3.0842	12.7592	28.9852	-10.4024	0.3430	0.0080	5.2286	0.3424
11.5226	28.0248	31.1196	-2.9015	0.5272	0.0517	-4.2705	0.4553
5.9519	27.5813	27.5813	-13.3270	1.0449	0.0692	-12.2082	1.0220
37.3639	37.3639	74.8283	-0.0944	2.0388	0.2700	-15.1785	1.4521
6.3140	10.1692	15.4648	113.3260	32.0830	7.7813	-7.3186	15.9072
11.7156	31.5371	31.5371	-26.6401	2.5890	0.2714	23.2282	1.5865
2.8575	12.3765	22.4785	1.2041	0.3228	0.0168	-1.8037	0.3188
5.2539	9.3636	24.7463	-4.3687	0.1500	0.0062	-1.3620	0.1598
2.6034	12.5137	47.5101	-2.9804	0.2197	0.0104	-8.2777	0.2064
8.1858	40.1621	40.1621	1.7191	0.4561	0.0427	-9.2149	0.4387
3.9181	10.4907	31.9761	-35.9435	1.0167	0.0361	-12.9030	0.8674
16.1022	76.6885	90.5651	10.3970	1.7126	0.1376	2.0757	0.8893
89.0949	89.0949	137.8831	-11.1710	0.8537	0.0695	-7.5086	1.8078
5.3448	5.3448	9.6483	-1.0177	0.1885	0.0487	-2.6884	0.3079
3.2619	11.9017	23.4762	3.0800	0.4740	0.0153	-5.3659	0.4721
6.3713	23.5065	35.0990	-0.8627	0.1136	0.0164	-3.6344	0.1278
2.8575	12.3765	22.4785	1.2041	0.3228	0.0168	-1.8037	0.3188
40.1099	59.4638	59.4638	-2.6883	4.6584	0.2906	-5.6633	6.9210
35.3791	59.0387	67.0698	21.7951	6.4110	0.5559	-8.7219	3.1651
37.2630	37.2630	37.2630	14.0055	0.9584	0.1010	-2.6978	0.7465
19.1930	76.8298	103.9855	3.3861	0.6542	0.0553	-0.1945	0.4674
3.9181	10.4907	31.9761	-35.9435	1.0167	0.0361	-12.9030	0.8674
2.6187	13.4768	49.6209	-4.6336	0.4178	0.0103	11.2257	0.3575
4.1434	4.1434	21.9492	-0.5071	0.1695	0.0283	-7.2655	0.1720
6.1721	43.7390	49.4844	-6.4593	0.2733	0.0153	-5.0357	0.4471
2.0236	15.9730	23.7336	-0.8809	0.3031	0.0183	-8.5324	0.3084
6.7768	27.2035	32.7867	3.0526	0.9279	0.0967	-11.1745	2.3791
3.5901	19.3281	19.3281	-0.8880	0.1534	0.0167	-8.1399	0.2893

3.8115	17.7561	39.3120	-1.2938	0.1500	0.0068	1.0373	0.1602
2.3225	11.1098	35.5780	19.9552	0.9963	0.0313	-45.4567	1.1401
3.0842	12.7592	28.9852	-10.4024	0.3430	0.0080	5.2286	0.3424
12.8185	15.7048	15.7048	29.0620	5.9615	1.0077	-0.1261	8.9251
3.8115	17.7561	39.3120	-1.2938	0.1500	0.0068	1.0373	0.1602
8.6686	59.5405	59.5405	-1.8530	0.2354	0.0166	-1.3587	0.2423
89.0949	89.0949	137.8831	-11.1710	0.8537	0.0695	-7.5086	1.8078
2.8266	8.7342	16.1370	-1.3680	0.1593	0.0063	-2.1853	0.1622
2.1061	19.4728	20.9789	2.1493	0.1414	0.0070	-2.3042	0.1344
8.4008	33.9592	55.8683	-4.8510	0.2508	0.0269	-6.3432	0.2486
8.4008	33.9592	55.8683	-4.8510	0.2508	0.0269	-6.3432	0.2486
2.6034	12.5137	47.5101	-2.9804	0.2197	0.0104	-8.2777	0.2064
2.2335	18.7253	24.8124	1.7426	0.3601	0.0297	-3.9554	0.4320
8.6195	8.6195	55.0577	104.1355	14.7813	0.7523	-28.7323	10.7860
3.2619	11.9017	23.4762	3.0800	0.4740	0.0153	-5.3659	0.4721
8.6195	8.6195	55.0577	104.1355	14.7813	0.7523	-28.7323	10.7860
3.5814	12.7507	21.9773	1.5452	0.1348	0.0049	-4.4300	0.1286
18.1720	21.2682	26.4434	-7.8475	0.5610	0.0675	-4.5358	0.4317
3.9181	10.4907	31.9761	-35.9435	1.0167	0.0361	-12.9030	0.8674
13.3746	13.3746	25.1427	3.2066	0.3619	0.0661	-1.6594	0.1767
3.5814	12.7507	21.9773	1.5452	0.1348	0.0049	-4.4300	0.1286
19.4153	19.4153	24.0076	-4.3644	0.5342	0.0815	-12.7917	0.5747
5.2539	9.3636	24.7463	-4.3687	0.1500	0.0062	-1.3620	0.1598
1.6837	8.5227	30.4555	1.5331	0.1176	0.0112	-2.5483	0.1347
3.7176	10.9212	31.3960	9.8309	0.4777	0.0456	-9.1509	0.4191
9.6585	18.3820	22.0695	-0.5711	0.2375	0.0339	-0.4987	0.2015
2.0275	7.7074	25.8963	-7.0690	0.2414	0.0107	1.0423	0.2220
2.8575	12.3765	22.4785	1.2041	0.3228	0.0168	-1.8037	0.3188
2.7082	14.6732	14.6732	-1.4877	0.1214	0.0098	1.6191	0.1163
5.0643	9.9566	9.9566	-1.0447	0.2117	0.0175	-0.6303	0.2020
4.1367	20.6661	49.0090	-7.4004	0.4004	0.0238	-19.7040	0.4890
7.0134	18.7075	25.2417	5.9498	0.2751	0.0165	2.1304	0.2309
7.2701	7.2701	24.5367	-1.3921	0.1837	0.0315	-3.3077	0.2431
2.8434	8.4588	13.6833	-0.7781	0.1793	0.0280	-4.0745	0.0977
3.6838	13.9513	61.3903	-12.1546	0.5913	0.0547	-8.8553	0.7376
4.3824	10.3828	10.3828	-1.9401	0.1185	0.0118	0.0948	0.1151
3.9181	10.4907	31.9761	-35.9435	1.0167	0.0361	-12.9030	0.8674
2.3225	11.1098	35.5780	19.9552	0.9963	0.0313	-45.4567	1.1401
2.4701	11.4236	11.4236	-0.3822	0.1660	0.0228	-3.6214	0.1342
3.0842	12.7592	28.9852	-10.4024	0.3430	0.0080	5.2286	0.3424
3.3160	8.3668	8.3668	-1.5670	0.1057	0.0256	-2.5099	0.0659
8.6195	8.6195	55.0577	104.1355	14.7813	0.7523	-28.7323	10.7860
7.4022	18.0145	18.0145	13.3393	1.8732	0.2460	2.8319	0.6706
38.1373	98.7367	98.7367	-1.8371	0.2712	0.0170	-2.8547	0.3246
2.0236	15.9730	23.7336	-0.8809	0.3031	0.0183	-8.5324	0.3084
2.4629	13.9921	13.9921	-3.4835	0.1295	0.0105	-1.3943	0.1422
12.0875	101.0791	104.2553	3.6594	1.5958	0.0728	-21.6695	1.3005
3.5901	19.3281	19.3281	-0.8880	0.1534	0.0167	-8.1399	0.2893
2.6034	12.5137	47.5101	-2.9804	0.2197	0.0104	-8.2777	0.2064
2.2802	16.6599	16.6599	1.0786	0.1922	0.0138	-0.6361	0.2043
10.0073	34.1529	34.1529	5.6298	1.5948	0.0878	-16.3300	2.3313

3.0842	12.7592	28.9852	-10.4024	0.3430	0.0080	5.2286	0.3424
21.0983	106.8717	142.1224	-2.4864	0.2671	0.0288	-4.2952	0.3172
7.8833	8.1831	12.4727	-0.6110	0.2307	0.0444	-3.1127	0.1326
5.9519	27.5813	27.5813	-13.3270	1.0449	0.0692	-12.2082	1.0220
2.6034	12.5137	47.5101	-2.9804	0.2197	0.0104	-8.2777	0.2064
2.0206	6.4221	13.6678	-1.2149	0.0705	0.0037	-2.0392	0.0742
21.1411	21.1411	33.2392	-3.3277	0.0615	0.0052	-3.3307	0.0577
5.2738	16.0373	34.8758	-0.9279	0.2048	0.0134	-1.0945	0.1765
5.4280	17.7189	17.7189	-5.8014	0.2537	0.0396	-2.5492	0.1976
2.6034	12.5137	47.5101	-2.9804	0.2197	0.0104	-8.2777	0.2064
3.5814	12.7507	21.9773	1.5452	0.1348	0.0049	-4.4300	0.1286
6.3932	6.3932	16.6987	0.0892	0.1349	0.0281	-3.0390	0.1507
3.9181	10.4907	31.9761	-35.9435	1.0167	0.0361	-12.9030	0.8674
53.5919	53.5919	82.1827	-7.6642	0.4387	0.0385	-1.2262	0.3512
4.1367	20.6661	49.0090	-7.4004	0.4004	0.0238	-19.7040	0.4890
6.4229	14.9132	20.6277	0.4304	0.1025	0.0045	-0.9317	0.0926
29.0199	86.1232	86.1232	-4.0113	0.6130	0.0377	-7.5839	0.6560
8.6195	8.6195	55.0577	104.1355	14.7813	0.7523	-28.7323	10.7860
4.4434	27.1202	72.9239	-0.4737	0.3651	0.0365	-9.1460	0.3060
15.0153	30.0134	49.6141	-1.8437	0.2336	0.0297	-4.4972	0.1633
5.0966	16.5423	18.8557	-0.4916	0.1919	0.0154	-2.6512	0.1845
21.3770	21.3770	27.9392	1.5923	0.1230	0.0190	-4.6893	0.1311
6.5923	63.6417	63.6417	0.3348	0.3169	0.0159	-1.6432	0.2184
9.6585	18.3820	22.0695	-0.5711	0.2375	0.0339	-0.4987	0.2015
2.3225	11.1098	35.5780	19.9552	0.9963	0.0313	-45.4567	1.1401
35.4514	35.4514	35.4514	13.6477	0.8485	0.0905	1.6128	0.8748
2.4361	15.7156	44.3746	-3.2554	0.2087	0.0137	-3.9894	0.2235
4.3092	30.1770	46.0395	1.7031	0.6681	0.0481	12.7010	0.3668
4.1367	20.6661	49.0090	-7.4004	0.4004	0.0238	-19.7040	0.4890
14.2960	24.3924	28.6205	1.5399	0.3114	0.0222	-0.1376	0.2066
11.3600	13.7378	20.4892	-9.7933	0.4594	0.0349	11.9159	0.5192
3.0842	12.7592	28.9852	-10.4024	0.3430	0.0080	5.2286	0.3424
205.4295	205.4295	205.4295	-7.0988	1.7836	0.1414	-14.2794	1.1269
8.9624	64.6660	64.6660	-2.0355	0.1844	0.0133	-3.0726	0.2481
4.3092	30.1770	46.0395	1.7031	0.6681	0.0481	12.7010	0.3668
8.3451	8.3451	15.5716	-1.3168	0.0781	0.0159	-0.7212	0.1201
35.4514	35.4514	35.4514	13.6477	0.8485	0.0905	1.6128	0.8748
11.5844	11.5844	20.7180	2.2782	0.2541	0.0222	-2.1691	0.1882
12.0840	16.2788	44.9435	1.7867	0.4021	0.0484	-6.7878	0.3013
2.6688	17.1514	17.1514	-4.4385	0.1365	0.0097	-2.0647	0.1143
1.9185	9.2944	12.8677	-3.3549	0.0968	0.0068	-8.8000	0.1063
30.6683	30.6683	66.3932	-20.5367	1.6690	0.2039	5.2168	2.2433
3.5593	15.1797	35.6920	-1.4484	0.2261	0.0201	-4.6948	0.1372
4.3092	30.1770	46.0395	1.7031	0.6681	0.0481	12.7010	0.3668
3.7176	10.9212	31.3960	9.8309	0.4777	0.0456	-9.1509	0.4191
14.8323	14.8323	17.8793	1.2539	0.1838	0.0215	-0.9480	0.3152
3.8115	17.7561	39.3120	-1.2938	0.1500	0.0068	1.0373	0.1602
2.3225	11.1098	35.5780	19.9552	0.9963	0.0313	-45.4567	1.1401
3.6754	12.8709	17.0408	-1.3721	0.1049	0.0060	-5.7635	0.0961
1.5424	7.7585	31.4624	-24.7970	0.9043	0.0557	23.2672	0.7499
6.0401	6.0401	18.9013	1.2992	0.1342	0.0218	-6.6373	0.1657

3.9492	16.8145	90.2231	15.8289	0.5315	0.0160	-13.7130	0.4505
2.8575	12.3765	22.4785	1.2041	0.3228	0.0168	-1.8037	0.3188
3.5874	17.5350	21.7894	-2.2889	0.0940	0.0096	-0.2219	0.1161
8.2036	18.3115	35.5680	1.6697	0.1786	0.0166	-2.2901	0.1422
4.8658	27.8541	27.8541	2.5588	0.2266	0.0194	-4.7190	0.1635
2.3088	12.1706	35.2644	1.6077	0.1288	0.0066	-5.8026	0.1297
6.5923	63.6417	63.6417	0.3348	0.3169	0.0159	-1.6432	0.2184
19.1597	19.1597	105.6285	0.0631	0.1857	0.0357	-2.7410	0.1851
3.6754	12.8709	17.0408	-1.3721	0.1049	0.0060	-5.7635	0.0961
6.4229	14.9132	20.6277	0.4304	0.1025	0.0045	-0.9317	0.0926
6.9448	8.4813	20.3293	-3.4524	0.1371	0.0315	-6.7415	0.1290
3.8841	11.2171	32.9662	2.2528	0.1920	0.0058	-2.8950	0.1869
3.8841	11.2171	32.9662	2.2528	0.1920	0.0058	-2.8950	0.1869
7.3301	21.3627	21.3627	-3.1410	0.1588	0.0165	-7.7655	0.2318
3.9181	10.4907	31.9761	-35.9435	1.0167	0.0361	-12.9030	0.8674
2.7968	19.1680	19.1680	-2.0215	0.1820	0.0115	-0.1347	0.1686
2.6356	12.5894	12.5894	-1.4389	0.1553	0.0132	-3.0313	0.1535
17.3009	35.4078	53.5793	-0.7169	0.3442	0.0327	-5.7278	0.3666
3.0879	17.5984	49.2634	-4.6214	0.1231	0.0072	-4.9627	0.1286
6.5923	63.6417	63.6417	0.3348	0.3169	0.0159	-1.6432	0.2184
35.8211	35.8211	64.0106	0.0446	0.1654	0.0219	-6.9817	0.1763
8.2036	18.3115	35.5680	1.6697	0.1786	0.0166	-2.2901	0.1422
3.4610	14.7678	23.5635	3.2752	0.1481	0.0090	-3.8095	0.1309
25.5744	34.8151	34.8151	-1.7935	0.2162	0.0294	-5.6473	0.1942
2.4701	11.4236	11.4236	-0.3822	0.1660	0.0228	-3.6214	0.1342
3.2491	15.5201	93.1132	-1.1538	0.2445	0.0152	-1.9664	0.2096
54.7935	54.7935	60.8041	-1.9271	0.7735	0.0865	-0.2172	1.1218
2.9790	11.4929	14.9444	1.8512	0.1307	0.0105	-3.8050	0.1251
2.3088	12.1706	35.2644	1.6077	0.1288	0.0066	-5.8026	0.1297
19.1597	19.1597	105.6285	0.0631	0.1857	0.0357	-2.7410	0.1851
21.3770	21.3770	27.9392	1.5923	0.1230	0.0190	-4.6893	0.1311
5.0966	16.5423	18.8557	-0.4916	0.1919	0.0154	-2.6512	0.1845
4.9510	12.1201	15.7366	-0.5401	0.0785	0.0093	-1.6150	0.0900
5.2738	16.0373	34.8758	-0.9279	0.2048	0.0134	-1.0945	0.1765
4.1367	20.6661	49.0090	-7.4004	0.4004	0.0238	-19.7040	0.4890
3.4610	14.7678	23.5635	3.2752	0.1481	0.0090	-3.8095	0.1309
22.1930	62.3565	62.3565	0.2275	0.3053	0.0231	-3.7082	0.2108
5.2738	16.0373	34.8758	-0.9279	0.2048	0.0134	-1.0945	0.1765
3.5814	12.7507	21.9773	1.5452	0.1348	0.0049	-4.4300	0.1286
3.8841	11.2171	32.9662	2.2528	0.1920	0.0058	-2.8950	0.1869
6.1592	27.2704	27.2704	-0.3973	0.1813	0.0166	-3.2247	0.2187
2.4361	15.7156	44.3746	-3.2554	0.2087	0.0137	-3.9894	0.2235
4.8802	11.5050	25.3682	0.4151	0.0902	0.0126	-2.8518	0.0887
3.6754	12.8709	17.0408	-1.3721	0.1049	0.0060	-5.7635	0.0961
3.4043	12.8433	26.4709	1.2843	0.2176	0.0109	-4.9682	0.2360
3.2491	15.5201	93.1132	-1.1538	0.2445	0.0152	-1.9664	0.2096
4.4673	14.2155	14.2155	0.2256	0.1031	0.0069	0.0133	0.1008
4.0999	12.1875	33.4055	-4.8691	0.2897	0.0248	-0.0662	0.2124
2.6688	17.1514	17.1514	-4.4385	0.1365	0.0097	-2.0647	0.1143
8.6686	59.5405	59.5405	-1.8530	0.2354	0.0166	-1.3587	0.2423
15.1597	73.6397	73.6397	3.3964	0.6181	0.0574	-10.6409	0.4939

3.5593	15.1797	35.6920	-1.4484	0.2261	0.0201	-4.6948	0.1372
4.0993	14.3650	85.4601	-0.9948	0.1483	0.0084	-2.4113	0.1333
5.7221	33.9116	33.9116	1.4660	0.1438	0.0103	-0.8008	0.1248
5.2738	16.0373	34.8758	-0.9279	0.2048	0.0134	-1.0945	0.1765
3.1799	17.0569	17.0569	0.1508	0.0783	0.0084	-1.0165	0.1361
15.3304	24.2876	33.6786	-1.2826	0.2158	0.0333	-2.9301	0.1475
1.4504	5.1908	8.1858	0.9882	0.1307	0.0377	-2.9587	0.1197
4.6885	4.6885	13.9361	0.8349	0.0982	0.0159	-0.7948	0.1426
2.3088	12.1706	35.2644	1.6077	0.1288	0.0066	-5.8026	0.1297
3.3902	3.3902	12.2627	-1.2188	0.2741	0.0665	-3.4812	0.2861
3.3661	10.5515	11.3490	3.2706	0.3937	0.0286	-8.6675	0.4592
8.2641	8.2641	31.7988	3.8210	0.2530	0.0405	-4.9992	0.2485
2.1533	22.7174	22.7174	-0.8341	0.1092	0.0076	0.1492	0.0886
19.0343	19.0343	21.2784	-1.7280	0.1932	0.0242	-2.2814	0.1601
1.3919	7.5794	10.9792	3.1255	0.1388	0.0097	-3.4887	0.1271
3.7194	11.1545	56.8721	0.4696	0.0634	0.0032	-1.6598	0.0564
1.7158	24.2214	29.2855	0.2596	0.1588	0.0094	-4.2709	0.1449
2.6688	17.1514	17.1514	-4.4385	0.1365	0.0097	-2.0647	0.1143
12.4445	12.4445	62.3920	-3.6213	0.1710	0.0403	-0.3051	0.1222
3.4192	8.2156	12.6716	0.1439	0.0801	0.0171	-0.8086	0.0832
7.9188	7.9188	7.9188	0.4698	0.1318	0.0208	-3.6041	0.1981
2.0630	11.4474	26.5869	0.6521	0.2253	0.0093	-5.7909	0.2389
15.3033	83.6471	91.8620	-1.6682	0.2035	0.0198	-1.1442	0.1796
11.4592	12.1946	12.1946	-4.6783	0.1120	0.0323	0.6138	0.2171
12.9661	20.7114	20.7114	-2.1360	0.1850	0.0183	-3.7115	0.2612
20.2869	20.2869	26.6341	0.3364	0.0949	0.0154	-2.7480	0.0871
38.0337	38.0337	42.1474	0.7362	0.0984	0.0107	-2.7101	0.0881
1.2550	13.8594	13.8594	2.2911	0.2835	0.0389	-3.6660	0.2889
2.8266	8.7342	16.1370	-1.3680	0.1593	0.0063	-2.1853	0.1622
3.6838	13.9513	61.3903	-12.1546	0.5913	0.0547	-8.8553	0.7376
3.6838	13.9513	61.3903	-12.1546	0.5913	0.0547	-8.8553	0.7376
3.6838	13.9513	61.3903	-12.1546	0.5913	0.0547	-8.8553	0.7376
3.6838	13.9513	61.3903	-12.1546	0.5913	0.0547	-8.8553	0.7376
3.6838	13.9513	61.3903	-12.1546	0.5913	0.0547	-8.8553	0.7376
3.6838	13.9513	61.3903	-12.1546	0.5913	0.0547	-8.8553	0.7376
16.2899	52.0897	64.2286	18.2105	0.9286	0.0577	-23.9494	3.3961
5.3173	20.0250	29.2282	26.7709	2.1877	0.3005	-3.6973	2.0330
5.8374	5.8374	9.7731	-1.6626	0.0819	0.0259	0.4037	0.0914
2.7082	14.6732	14.6732	-1.4877	0.1214	0.0098	1.6191	0.1163
8.8185	10.9464	27.9293	-0.5406	0.0805	0.0123	-1.0225	0.0997
3.0510	8.8483	18.9438	1.3594	0.0954	0.0070	-0.3879	0.1034

pmdec_error	parallax	parallax_std	parallax_error	distance_16	distance_50	distance_84
0.0075	0.6133	0.0476	0.0042	1528.62	1535.70	1542.85
0.3202	8.4237	0.3879	0.0481	117.98	118.04	118.10
0.3604	5.8738	0.1561	0.0494	169.11	169.28	169.45
0.0358	7.3783	0.1739	0.0055	134.82	134.84	134.86
0.0853	2.4070	0.0663	0.0100	409.39	410.11	410.83
0.0894	4.0046	0.2528	0.0200	244.97	245.11	245.25
0.5473	11.9253	1.0961	0.2930	87.59	87.64	87.70
0.0382	5.7409	0.1547	0.0062	173.55	173.58	173.62
0.5490	21.2320	1.5487	0.0788	47.19	47.19	47.20
0.0109	1.7710	0.0448	0.0024	557.08	557.42	557.75
0.0133	0.6783	0.0708	0.0050	1388.82	1392.48	1396.16
0.5490	21.2320	1.5487	0.0788	47.19	47.19	47.20
0.0098	2.0035	0.0666	0.0027	489.38	489.73	490.08
0.0098	2.1001	0.0482	0.0021	468.02	468.27	468.52
0.5490	21.2320	1.5487	0.0788	47.19	47.19	47.20
0.0194	2.0727	0.0413	0.0041	476.63	477.12	477.62
0.0492	3.3104	0.0696	0.0086	297.46	297.75	298.03
0.0216	2.3712	0.0331	0.0040	417.03	417.43	417.84
0.0245	1.3817	0.0576	0.0060	699.07	700.33	701.60
0.0462	6.6216	0.1216	0.0075	150.16	150.19	150.22
0.0311	2.1044	0.0805	0.0110	464.46	465.36	466.26
0.0166	2.5404	0.0841	0.0044	389.33	389.53	389.73
0.0080	2.0875	0.0462	0.0011	471.78	471.88	471.99
0.0446	3.0539	0.1258	0.0123	321.20	321.53	321.87
0.0677	4.3789	0.2050	0.0136	226.60	226.70	226.79
0.1923	5.9171	0.6247	0.0827	172.26	172.38	172.51
3.8581	40.1870	10.0448	2.4362	25.08	25.08	25.09
0.1663	4.3436	0.2518	0.0264	222.73	222.86	222.98
0.0166	2.5404	0.0841	0.0044	389.33	389.53	389.73
0.0066	1.3627	0.0486	0.0020	714.57	715.06	715.55
0.0098	1.9305	0.0754	0.0036	508.56	508.93	509.31
0.0411	2.0891	0.0772	0.0072	472.85	473.44	474.02
0.0308	5.4041	0.1117	0.0040	183.45	183.49	183.53
0.0714	3.9972	0.1865	0.0150	244.74	244.86	244.98
0.1471	3.5429	0.2314	0.0188	277.96	278.14	278.32
0.0795	1.3494	0.0710	0.0183	701.49	704.31	707.16
0.0152	3.5830	0.0875	0.0028	275.91	275.99	276.06
0.0185	0.6915	0.0583	0.0084	1339.09	1346.92	1354.84
0.0166	2.5404	0.0841	0.0044	389.33	389.53	389.73
0.4317	7.3289	1.7303	0.1079	149.20	149.25	149.29
0.2744	9.7230	1.5801	0.1370	99.10	99.14	99.17
0.0787	5.7553	0.2626	0.0277	172.84	172.94	173.04
0.0395	2.1586	0.0840	0.0071	455.75	456.18	456.61
0.0308	5.4041	0.1117	0.0040	183.45	183.49	183.53
0.0088	2.4272	0.0605	0.0015	407.00	407.09	407.18
0.0287	0.8204	0.0566	0.0094	1192.79	1197.97	1203.20
0.0250	2.1126	0.1233	0.0069	464.22	464.60	464.97
0.0186	2.8669	0.1369	0.0083	343.11	343.35	343.58
0.2480	4.7369	0.1898	0.0198	208.43	208.58	208.72
0.0316	1.3763	0.0879	0.0096	708.99	710.20	711.42

0.0072	1.2908	0.0605	0.0027	746.39	747.08	747.78
0.0358	7.3783	0.1739	0.0055	134.82	134.84	134.86
0.0080	2.0875	0.0462	0.0011	471.78	471.88	471.99
1.5086	16.9933	2.0801	0.3516	57.77	57.79	57.80
0.0072	1.2908	0.0605	0.0027	746.39	747.08	747.78
0.0171	1.5073	0.0547	0.0039	647.09	648.03	648.98
0.1471	3.5429	0.2314	0.0188	277.96	278.14	278.32
0.0064	1.1487	0.0692	0.0027	838.79	839.61	840.43
0.0066	0.9635	0.0596	0.0029	994.44	995.74	997.05
0.0267	2.3176	0.0716	0.0077	427.83	428.43	429.04
0.0267	2.3176	0.0716	0.0077	427.83	428.43	429.04
0.0098	1.9305	0.0754	0.0036	508.56	508.93	509.31
0.0356	3.4365	0.1228	0.0101	289.04	289.24	289.44
0.5490	21.2320	1.5487	0.0788	47.19	47.19	47.20
0.0152	3.5830	0.0875	0.0028	275.91	275.99	276.06
0.5490	21.2320	1.5487	0.0788	47.19	47.19	47.20
0.0047	0.8765	0.0469	0.0017	1084.27	1085.46	1086.64
0.0520	3.0266	0.1517	0.0183	324.89	325.19	325.49
0.0308	5.4041	0.1117	0.0040	183.45	183.49	183.53
0.0323	1.0920	0.0556	0.0102	862.82	866.19	869.58
0.0047	0.8765	0.0469	0.0017	1084.27	1085.46	1086.64
0.0876	2.8040	0.0693	0.0106	353.46	353.92	354.37
0.0066	1.3627	0.0486	0.0020	714.57	715.06	715.55
0.0128	1.4924	0.0303	0.0029	655.77	656.60	657.43
0.0400	4.7783	0.1361	0.0130	208.27	208.39	208.51
0.0288	0.7585	0.0374	0.0053	1264.50	1268.49	1272.49
0.0098	2.1001	0.0482	0.0021	468.02	468.27	468.52
0.0166	2.5404	0.0841	0.0044	389.33	389.53	389.73
0.0093	0.6774	0.0438	0.0035	1399.10	1403.35	1407.62
0.0167	2.5903	0.0712	0.0059	377.18	377.62	378.07
0.0290	3.3658	0.0985	0.0058	295.74	295.87	296.01
0.0138	2.8313	0.0619	0.0037	349.91	350.06	350.21
0.0417	1.1019	0.0442	0.0076	879.15	882.23	885.33
0.0153	0.6072	0.0554	0.0087	1505.80	1518.53	1531.48
0.0682	11.7093	0.3066	0.0283	85.23	85.25	85.27
0.0115	1.1174	0.0661	0.0066	852.27	854.26	856.26
0.0308	5.4041	0.1117	0.0040	183.45	183.49	183.53
0.0358	7.3783	0.1739	0.0055	134.82	134.84	134.86
0.0184	0.8154	0.0572	0.0079	1160.60	1166.13	1171.72
0.0080	2.0875	0.0462	0.0011	471.78	471.88	471.99
0.0160	0.8535	0.0388	0.0094	1095.14	1103.06	1111.10
0.5490	21.2320	1.5487	0.0788	47.19	47.19	47.20
0.0881	6.3128	0.1884	0.0247	156.61	156.68	156.75
0.0203	1.7006	0.0826	0.0052	571.67	572.26	572.86
0.0186	2.8669	0.1369	0.0083	343.11	343.35	343.58
0.0116	1.0896	0.0423	0.0034	893.43	894.88	896.34
0.0594	2.2188	0.0772	0.0035	443.94	444.19	444.44
0.0316	1.3763	0.0879	0.0096	708.99	710.20	711.42
0.0098	1.9305	0.0754	0.0036	508.56	508.93	509.31
0.0147	1.6093	0.0807	0.0058	602.88	603.67	604.47
0.1283	4.6205	0.4078	0.0225	211.78	211.87	211.97

0.0080	2.0875	0.0462	0.0011	471.78	471.88	471.99
0.0342	1.7527	0.0752	0.0081	558.13	559.02	559.91
0.0255	1.3399	0.0419	0.0081	730.51	732.62	734.76
0.0677	4.3789	0.2050	0.0136	226.60	226.70	226.79
0.0098	1.9305	0.0754	0.0036	508.56	508.93	509.31
0.0039	0.3905	0.0372	0.0020	2302.69	2311.42	2320.22
0.0049	0.2635	0.0268	0.0023	3379.37	3403.72	3428.42
0.0116	1.6178	0.0676	0.0044	603.49	604.13	604.78
0.0309	1.0886	0.0536	0.0084	886.52	889.53	892.57
0.0098	1.9305	0.0754	0.0036	508.56	508.93	509.31
0.0047	0.8765	0.0469	0.0017	1084.27	1085.46	1086.64
0.0314	0.7818	0.0400	0.0083	1238.00	1246.59	1255.31
0.0308	5.4041	0.1117	0.0040	183.45	183.49	183.53
0.0308	1.5597	0.0874	0.0077	625.09	625.97	626.84
0.0290	3.3658	0.0985	0.0058	295.74	295.87	296.01
0.0040	0.5728	0.0494	0.0021	1633.29	1636.46	1639.64
0.0403	4.5829	0.2785	0.0171	214.62	214.70	214.79
0.5490	21.2320	1.5487	0.0788	47.19	47.19	47.20
0.0306	1.8478	0.0789	0.0079	525.38	526.18	526.98
0.0207	1.2926	0.0676	0.0086	746.97	749.14	751.32
0.0148	1.2263	0.0537	0.0043	787.67	789.01	790.36
0.0202	0.7189	0.0515	0.0080	1289.54	1296.28	1303.09
0.0110	1.3838	0.0680	0.0034	713.13	713.71	714.29
0.0288	0.7585	0.0374	0.0053	1264.50	1268.49	1272.49
0.0358	7.3783	0.1739	0.0055	134.82	134.84	134.86
0.0933	3.1001	0.0920	0.0098	320.93	321.17	321.41
0.0147	2.0699	0.0931	0.0061	471.67	472.10	472.53
0.0264	2.3666	0.0706	0.0051	416.09	416.34	416.59
0.0290	3.3658	0.0985	0.0058	295.74	295.87	296.01
0.0147	1.7963	0.1004	0.0072	544.47	544.96	545.45
0.0395	3.5748	0.1520	0.0116	276.47	276.58	276.69
0.0080	2.0875	0.0462	0.0011	471.78	471.88	471.99
0.0894	4.0046	0.2528	0.0200	244.97	245.11	245.25
0.0179	1.1134	0.0663	0.0048	867.05	868.58	870.12
0.0264	2.3666	0.0706	0.0051	416.09	416.34	416.59
0.0245	0.3270	0.0314	0.0064	2715.19	2758.35	2802.90
0.0933	3.1001	0.0920	0.0098	320.93	321.17	321.41
0.0164	1.8219	0.0533	0.0047	537.27	537.87	538.47
0.0363	1.8997	0.0818	0.0098	518.13	519.14	520.15
0.0082	0.7596	0.0774	0.0055	1229.74	1232.90	1236.09
0.0074	0.8791	0.0279	0.0019	1108.78	1110.08	1111.39
0.2741	6.0075	0.8883	0.1085	157.04	157.11	157.18
0.0122	0.7819	0.0705	0.0063	1218.02	1221.81	1225.62
0.0264	2.3666	0.0706	0.0051	416.09	416.34	416.59
0.0400	4.7783	0.1361	0.0130	208.27	208.39	208.51
0.0369	1.0872	0.0669	0.0078	892.15	894.04	895.95
0.0072	1.2908	0.0605	0.0027	746.39	747.08	747.78
0.0358	7.3783	0.1739	0.0055	134.82	134.84	134.86
0.0055	0.6922	0.0382	0.0022	1399.85	1402.03	1404.22
0.0462	6.6216	0.1216	0.0075	150.16	150.19	150.22
0.0269	1.0073	0.0577	0.0094	948.47	951.57	954.69

0.0136	2.6747	0.0680	0.0020	370.15	370.25	370.34
0.0166	2.5404	0.0841	0.0044	389.33	389.53	389.73
0.0119	0.3637	0.0548	0.0056	2495.60	2514.13	2532.94
0.0132	0.6381	0.0594	0.0055	1448.60	1452.80	1457.02
0.0140	1.0013	0.0949	0.0081	943.32	945.54	947.77
0.0066	0.7356	0.0533	0.0027	1285.35	1287.78	1290.23
0.0110	1.3838	0.0680	0.0034	713.13	713.71	714.29
0.0356	1.6407	0.0335	0.0064	607.42	608.80	610.18
0.0055	0.6922	0.0382	0.0022	1399.85	1402.03	1404.22
0.0040	0.5728	0.0494	0.0021	1633.29	1636.46	1639.64
0.0296	0.6278	0.0292	0.0067	1503.56	1512.56	1521.66
0.0056	1.1538	0.0490	0.0015	837.95	838.53	839.12
0.0056	1.1538	0.0490	0.0015	837.95	838.53	839.12
0.0240	0.7386	0.0372	0.0039	1297.51	1301.04	1304.59
0.0308	5.4041	0.1117	0.0040	183.45	183.49	183.53
0.0107	1.3818	0.0953	0.0060	695.27	696.29	697.31
0.0130	1.0354	0.0796	0.0067	936.04	938.32	940.61
0.0348	1.6690	0.0793	0.0075	582.22	583.09	583.96
0.0076	0.6993	0.0429	0.0025	1374.80	1376.99	1379.18
0.0110	1.3838	0.0680	0.0034	713.13	713.71	714.29
0.0234	0.7885	0.0597	0.0079	1205.18	1210.30	1215.45
0.0132	0.6381	0.0594	0.0055	1448.60	1452.80	1457.02
0.0080	0.9078	0.0710	0.0043	1051.62	1053.68	1055.75
0.0264	1.5795	0.0629	0.0086	619.53	620.77	622.01
0.0184	0.8154	0.0572	0.0079	1160.60	1166.13	1171.72
0.0130	2.4386	0.0848	0.0053	404.32	404.60	404.88
0.1254	7.1792	0.7815	0.0874	153.03	153.13	153.22
0.0100	0.6444	0.0648	0.0052	1439.67	1444.85	1450.07
0.0066	0.7356	0.0533	0.0027	1285.35	1287.78	1290.23
0.0356	1.6407	0.0335	0.0064	607.42	608.80	610.18
0.0202	0.7189	0.0515	0.0080	1289.54	1296.28	1303.09
0.0148	1.2263	0.0537	0.0043	787.67	789.01	790.36
0.0106	0.4349	0.0378	0.0045	2027.33	2041.86	2056.60
0.0116	1.6178	0.0676	0.0044	603.49	604.13	604.78
0.0290	3.3658	0.0985	0.0058	295.74	295.87	296.01
0.0080	0.9078	0.0710	0.0043	1051.62	1053.68	1055.75
0.0159	1.3946	0.0476	0.0036	696.26	697.13	698.00
0.0116	1.6178	0.0676	0.0044	603.49	604.13	604.78
0.0047	0.8765	0.0469	0.0017	1084.27	1085.46	1086.64
0.0056	1.1538	0.0490	0.0015	837.95	838.53	839.12
0.0201	0.8825	0.0632	0.0058	1070.61	1073.70	1076.82
0.0147	2.0699	0.0931	0.0061	471.67	472.10	472.53
0.0124	0.3801	0.0345	0.0048	2371.18	2396.22	2421.80
0.0055	0.6922	0.0382	0.0022	1399.85	1402.03	1404.22
0.0118	2.1075	0.0527	0.0026	466.50	466.75	467.01
0.0130	2.4386	0.0848	0.0053	404.32	404.60	404.88
0.0068	0.5616	0.0382	0.0026	1636.07	1641.27	1646.50
0.0182	2.6855	0.0733	0.0063	365.42	365.69	365.96
0.0082	0.7596	0.0774	0.0055	1229.74	1232.90	1236.09
0.0171	1.5073	0.0547	0.0039	647.09	648.03	648.98
0.0459	2.8555	0.1226	0.0114	345.97	346.32	346.67

0.0122	0.7819	0.0705	0.0063	1218.02	1221.81	1225.62
0.0076	1.3868	0.0533	0.0030	700.99	701.74	702.49
0.0090	0.7377	0.0376	0.0027	1295.10	1297.55	1300.02
0.0116	1.6178	0.0676	0.0044	603.49	604.13	604.78
0.0146	0.2582	0.0482	0.0052	3312.77	3362.18	3413.09
0.0228	1.5100	0.0559	0.0086	639.01	640.36	641.71
0.0345	0.7327	0.0362	0.0104	1275.44	1289.98	1304.85
0.0231	0.5120	0.0373	0.0060	1795.19	1808.97	1822.97
0.0066	0.7356	0.0533	0.0027	1285.35	1287.78	1290.23
0.0694	0.9712	0.0746	0.0181	979.27	986.86	994.57
0.0334	2.2505	0.1153	0.0084	433.94	434.53	435.12
0.0398	1.6908	0.0751	0.0120	581.95	583.33	584.71
0.0061	0.6297	0.0508	0.0035	1497.86	1501.89	1505.93
0.0200	1.6160	0.0539	0.0067	602.72	603.91	605.11
0.0089	1.1343	0.0599	0.0042	856.27	857.66	859.06
0.0028	0.2974	0.0342	0.0017	2996.76	3009.51	3022.37
0.0086	0.9051	0.0684	0.0041	1059.66	1061.83	1064.00
0.0082	0.7596	0.0774	0.0055	1229.74	1232.90	1236.09
0.0288	1.7042	0.0360	0.0085	578.68	579.99	581.30
0.0177	0.3708	0.0307	0.0066	2436.98	2470.09	2504.12
0.0313	0.7292	0.0499	0.0079	1277.30	1285.52	1293.85
0.0098	2.0035	0.0666	0.0027	489.38	489.73	490.08
0.0174	1.6042	0.0682	0.0066	611.13	612.17	613.23
0.0627	0.5092	0.0366	0.0106	1773.83	1810.21	1848.11
0.0259	1.9100	0.0769	0.0076	515.37	516.13	516.89
0.0141	0.4537	0.0317	0.0051	1977.97	2001.71	2026.03
0.0096	0.3312	0.0323	0.0035	2677.28	2709.03	2741.55
0.0397	2.5495	0.0973	0.0134	385.48	386.33	387.19
0.0064	1.1487	0.0692	0.0027	838.79	839.61	840.43
0.0682	11.7093	0.3066	0.0283	85.23	85.25	85.27
0.0682	11.7093	0.3066	0.0283	85.23	85.25	85.27
0.0682	11.7093	0.3066	0.0283	85.23	85.25	85.27
0.0682	11.7093	0.3066	0.0283	85.23	85.25	85.27
0.0682	11.7093	0.3066	0.0283	85.23	85.25	85.27
0.0682	11.7093	0.3066	0.0283	85.23	85.25	85.27
0.2110	4.6962	0.2679	0.0166	211.11	211.21	211.31
0.2793	10.0899	0.4525	0.0622	99.33	99.37	99.41
0.0289	0.3274	0.0168	0.0053	2619.64	2682.33	2748.09
0.0093	0.6774	0.0438	0.0035	1399.10	1403.35	1407.62
0.0152	0.4156	0.0454	0.0069	2065.99	2083.34	2100.98
0.0076	0.8018	0.0418	0.0031	1178.88	1181.43	1184.00

n_stars_used_for_distance	global_parallax_correction_only	x	y	z
125	NEPRAVDA	-9405.38	-843.27	32.09
61	NEPRAVDA	-8196.37	-4.65	-70.72
10	NEPRAVDA	-8218.31	138.63	8.30
907	NEPRAVDA	-8242.30	28.80	-32.81
43	NEPRAVDA	-8524.90	14.41	95.85
130	NEPRAVDA	-8311.51	145.72	74.85
12	NEPRAVDA	-8190.81	-45.83	-8.23
522	NEPRAVDA	-8266.89	93.65	1.85
334	NEPRAVDA	-8165.70	0.10	3.07
318	NEPRAVDA	-8052.98	549.31	-44.11
220	NEPRAVDA	-9397.93	-557.59	26.77
334	NEPRAVDA	-8165.70	0.10	3.07
547	NEPRAVDA	-8502.36	279.23	-110.26
457	NEPRAVDA	-8416.30	-363.25	47.25
334	NEPRAVDA	-8165.70	0.10	3.07
87	NEPRAVDA	-8033.33	-467.39	57.39
52	NEPRAVDA	-8390.69	125.52	47.06
60	NEPRAVDA	-8257.66	394.76	22.58
89	NEPRAVDA	-8815.68	-39.87	108.27
236	NEPRAVDA	-8120.94	-149.14	3.06
57	NEPRAVDA	-8581.48	-28.11	88.79
339	NEPRAVDA	-7810.25	226.82	76.62
1706	NEPRAVDA	-7964.18	-444.58	31.90
91	NEPRAVDA	-8397.06	-129.86	-83.34
176	NEPRAVDA	-7948.84	-132.45	-41.43
69	NEPRAVDA	-8274.17	42.23	-48.26
14	NEPRAVDA	-8126.81	11.21	42.72
75	NEPRAVDA	-8069.60	-215.26	-3.39
339	NEPRAVDA	-7810.25	226.82	76.62
585	NEPRAVDA	-8565.19	-546.26	-107.51
409	NEPRAVDA	-8606.61	43.36	169.99
88	NEPRAVDA	-7927.71	430.54	-11.45
728	NEPRAVDA	-8260.95	-67.66	119.67
133	NEPRAVDA	-8236.14	104.21	210.70
141	NEPRAVDA	-8356.29	-148.85	38.16
22	NEPRAVDA	-8773.90	84.60	-231.97
842	NEPRAVDA	-7847.63	-19.98	-1.69
51	NEPRAVDA	-9292.53	-664.26	73.21
339	NEPRAVDA	-7810.25	226.82	76.62
212	NEPRAVDA	-8181.44	-121.92	-41.44
119	NEPRAVDA	-8064.30	61.03	-31.90
72	NEPRAVDA	-8185.71	132.96	-69.58
125	NEPRAVDA	-8048.12	449.89	36.44
728	NEPRAVDA	-8260.95	-67.66	119.67
1362	NEPRAVDA	-8095.94	-390.68	-90.60
70	NEPRAVDA	-9312.40	132.65	0.32
276	NEPRAVDA	-8508.67	-248.02	90.11
192	NEPRAVDA	-7839.00	166.68	120.94
83	NEPRAVDA	-8323.59	-49.24	41.53
80	NEPRAVDA	-7846.54	654.61	17.45

480	NEPRAVDA	-8604.30	-534.43	220.49
907	NEPRAVDA	-8242.30	28.80	-32.81
1706	NEPRAVDA	-7964.18	-444.58	31.90
31	NEPRAVDA	-8148.29	-41.52	-9.58
480	NEPRAVDA	-8604.30	-534.43	220.49
187	NEPRAVDA	-8685.01	253.08	-176.40
141	NEPRAVDA	-8356.29	-148.85	38.16
631	NEPRAVDA	-8829.63	-451.81	26.72
399	NEPRAVDA	-9001.93	465.97	27.73
83	NEPRAVDA	-8516.85	86.37	162.83
83	NEPRAVDA	-8516.85	86.37	162.83
409	NEPRAVDA	-8606.61	43.36	169.99
115	NEPRAVDA	-7995.79	249.69	94.25
334	NEPRAVDA	-8165.70	0.10	3.07
842	NEPRAVDA	-7847.63	-19.98	-1.69
334	NEPRAVDA	-8165.70	0.10	3.07
738	NEPRAVDA	-9197.46	145.94	36.43
68	NEPRAVDA	-8126.18	296.54	-112.59
728	NEPRAVDA	-8260.95	-67.66	119.67
36	NEPRAVDA	-7920.71	836.51	-79.32
738	NEPRAVDA	-9197.46	145.94	36.43
37	NEPRAVDA	-8226.91	303.40	-128.17
585	NEPRAVDA	-8565.19	-546.26	-107.51
104	NEPRAVDA	-8044.30	642.11	-92.27
95	NEPRAVDA	-7923.66	-55.39	-11.29
50	NEPRAVDA	-7863.17	1215.74	273.88
457	NEPRAVDA	-8416.30	-363.25	47.25
339	NEPRAVDA	-7810.25	226.82	76.62
155	NEPRAVDA	-9292.67	-747.48	-179.53
132	NEPRAVDA	-8451.17	-149.83	-87.74
255	NEPRAVDA	-8133.80	295.41	9.22
217	NEPRAVDA	-8055.95	343.75	24.66
59	NEPRAVDA	-8906.77	-401.14	59.80
43	NEPRAVDA	-9608.49	-292.26	124.56
98	NEPRAVDA	-8128.95	-5.62	105.58
99	NEPRAVDA	-8806.35	-505.49	97.43
728	NEPRAVDA	-8260.95	-67.66	119.67
907	NEPRAVDA	-8242.30	28.80	-32.81
52	NEPRAVDA	-9264.64	40.12	250.10
1706	NEPRAVDA	-7964.18	-444.58	31.90
17	NEPRAVDA	-9079.61	-531.30	152.71
334	NEPRAVDA	-8165.70	0.10	3.07
48	NEPRAVDA	-8118.91	156.57	25.92
240	NEPRAVDA	-8676.07	87.85	133.69
192	NEPRAVDA	-7839.00	166.68	120.94
130	NEPRAVDA	-8337.01	862.80	121.52
409	NEPRAVDA	-7713.32	-116.54	-108.51
80	NEPRAVDA	-7846.54	654.61	17.45
409	NEPRAVDA	-8606.61	43.36	169.99
173	NEPRAVDA	-8692.43	126.66	172.34
275	NEPRAVDA	-8325.49	-58.43	13.37

1706	NEPRAVDA	-7964.18	-444.58	31.90
90	NEPRAVDA	-8671.85	100.16	10.47
30	NEPRAVDA	-8345.51	687.89	-95.76
176	NEPRAVDA	-7948.84	-132.45	-41.43
409	NEPRAVDA	-8606.61	43.36	169.99
356	NEPRAVDA	-10189.10	-676.64	802.97
152	NEPRAVDA	-8786.49	3335.72	-108.43
231	NEPRAVDA	-8653.56	278.86	88.83
39	NEPRAVDA	-8658.72	678.52	-186.06
409	NEPRAVDA	-8606.61	43.36	169.99
738	NEPRAVDA	-9197.46	145.94	36.43
36	NEPRAVDA	-9306.13	-385.16	-37.61
728	NEPRAVDA	-8260.95	-67.66	119.67
128	NEPRAVDA	-8592.65	-364.42	214.45
255	NEPRAVDA	-8133.80	295.41	9.22
529	NEPRAVDA	-9707.91	-172.09	-344.15
216	NEPRAVDA	-8327.42	47.55	61.15
334	NEPRAVDA	-8165.70	0.10	3.07
111	NEPRAVDA	-8639.77	93.50	17.21
61	NEPRAVDA	-8832.71	-235.02	-7.93
155	NEPRAVDA	-8899.64	-133.30	20.76
45	NEPRAVDA	-9399.81	-198.55	110.51
371	NEPRAVDA	-8264.36	684.99	-120.26
50	NEPRAVDA	-7863.17	1215.74	273.88
907	NEPRAVDA	-8242.30	28.80	-32.81
65	NEPRAVDA	-8237.47	299.69	19.79
197	NEPRAVDA	-8537.75	194.68	130.86
171	NEPRAVDA	-8068.08	-342.06	-210.35
255	NEPRAVDA	-8133.80	295.41	9.22
175	NEPRAVDA	-8218.08	532.48	-44.06
158	NEPRAVDA	-8177.91	-260.84	-52.20
1706	NEPRAVDA	-7964.18	-444.58	31.90
130	NEPRAVDA	-8311.51	145.72	74.85
190	NEPRAVDA	-8831.53	484.34	-107.13
171	NEPRAVDA	-8068.08	-342.06	-210.35
26	NEPRAVDA	-10700.09	-774.86	621.96
65	NEPRAVDA	-8237.47	299.69	19.79
124	NEPRAVDA	-7878.95	479.77	12.94
72	NEPRAVDA	-8526.43	313.51	-66.57
195	NEPRAVDA	-8809.77	1010.96	-137.15
203	NEPRAVDA	-7917.83	1066.62	250.88
87	NEPRAVDA	-8169.57	-110.78	-79.92
138	NEPRAVDA	-9335.97	137.89	21.23
171	NEPRAVDA	-8068.08	-342.06	-210.35
95	NEPRAVDA	-7923.66	-55.39	-11.29
75	NEPRAVDA	-7713.36	793.12	78.25
480	NEPRAVDA	-8604.30	-534.43	220.49
907	NEPRAVDA	-8242.30	28.80	-32.81
305	NEPRAVDA	-7869.49	1369.03	187.17
236	NEPRAVDA	-8120.94	-149.14	3.06
50	NEPRAVDA	-9050.87	206.46	18.36

967	NEPRAVDA	-8376.23	268.97	11.25
339	NEPRAVDA	-7810.25	226.82	76.62
96	NEPRAVDA	-9840.92	1809.63	-281.35
121	NEPRAVDA	-8432.01	1418.24	-34.71
134	NEPRAVDA	-9039.54	224.94	59.84
380	NEPRAVDA	-9344.42	404.92	13.80
371	NEPRAVDA	-8264.36	684.99	-120.26
64	NEPRAVDA	-8718.44	102.31	87.06
305	NEPRAVDA	-7869.49	1369.03	187.17
529	NEPRAVDA	-9707.91	-172.09	-344.15
32	NEPRAVDA	-7955.88	1489.58	-182.62
1090	NEPRAVDA	-8954.19	-96.64	55.63
1090	NEPRAVDA	-8954.19	-96.64	55.63
87	NEPRAVDA	-7909.13	1269.54	209.68
728	NEPRAVDA	-8260.95	-67.66	119.67
234	NEPRAVDA	-8744.45	311.98	24.80
135	NEPRAVDA	-8951.64	427.16	-77.29
109	NEPRAVDA	-8660.29	184.23	-106.77
294	NEPRAVDA	-8479.78	1316.90	-163.13
371	NEPRAVDA	-8264.36	684.99	-120.26
81	NEPRAVDA	-9294.41	267.81	156.78
121	NEPRAVDA	-8432.01	1418.24	-34.71
265	NEPRAVDA	-9082.16	431.17	-27.96
52	NEPRAVDA	-8659.00	303.51	90.38
52	NEPRAVDA	-9264.64	40.12	250.10
237	NEPRAVDA	-8496.31	-50.73	-124.11
63	NEPRAVDA	-8072.68	-128.04	-47.21
157	NEPRAVDA	-9531.10	-275.23	182.69
380	NEPRAVDA	-9344.42	404.92	13.80
64	NEPRAVDA	-8718.44	102.31	87.06
45	NEPRAVDA	-9399.81	-198.55	110.51
155	NEPRAVDA	-8899.64	-133.30	20.76
73	NEPRAVDA	-10139.00	169.64	289.15
231	NEPRAVDA	-8653.56	278.86	88.83
255	NEPRAVDA	-8133.80	295.41	9.22
265	NEPRAVDA	-9082.16	431.17	-27.96
164	NEPRAVDA	-8623.61	482.24	-21.58
231	NEPRAVDA	-8653.56	278.86	88.83
738	NEPRAVDA	-9197.46	145.94	36.43
1090	NEPRAVDA	-8954.19	-96.64	55.63
116	NEPRAVDA	-9187.86	126.59	-5.45
197	NEPRAVDA	-8537.75	194.68	130.86
59	NEPRAVDA	-10514.16	109.04	106.96
305	NEPRAVDA	-7869.49	1369.03	187.17
385	NEPRAVDA	-7747.40	275.21	63.32
237	NEPRAVDA	-8496.31	-50.73	-124.11
219	NEPRAVDA	-9694.88	-468.58	34.25
124	NEPRAVDA	-7806.19	159.92	112.68
195	NEPRAVDA	-8809.77	1010.96	-137.15
187	NEPRAVDA	-8685.01	253.08	-176.40
86	NEPRAVDA	-8460.44	68.86	-4.51

138	NEPRAVDA	-9335.97	137.89	21.23
302	NEPRAVDA	-8811.78	10.13	-107.66
190	NEPRAVDA	-8496.55	1237.54	-87.96
231	NEPRAVDA	-8653.56	278.86	88.83
87	NEPRAVDA	-11472.97	-250.08	132.86
47	NEPRAVDA	-8724.81	215.28	37.93
15	NEPRAVDA	-9402.30	-133.06	-63.49
56	NEPRAVDA	-9922.57	128.03	-96.93
380	NEPRAVDA	-9344.42	404.92	13.80
25	NEPRAVDA	-9042.90	313.86	-144.37
115	NEPRAVDA	-7752.68	225.65	59.84
56	NEPRAVDA	-8641.76	264.54	10.13
208	NEPRAVDA	-9092.17	1141.10	-89.95
65	NEPRAVDA	-8711.28	50.60	-101.12
201	NEPRAVDA	-8965.69	12.39	-132.75
401	NEPRAVDA	-10607.24	1633.64	-439.44
280	NEPRAVDA	-9101.45	409.34	-2.50
195	NEPRAVDA	-8809.77	1010.96	-137.15
49	NEPRAVDA	-8607.51	315.02	-16.62
26	NEPRAVDA	-10521.05	587.83	36.76
39	NEPRAVDA	-9372.81	-49.36	-271.67
547	NEPRAVDA	-8502.36	279.23	-110.26
95	NEPRAVDA	-8646.69	-313.33	56.26
12	NEPRAVDA	-9655.07	-902.46	355.54
99	NEPRAVDA	-8514.98	-332.01	62.13
41	NEPRAVDA	-10028.95	-557.31	-223.50
91	NEPRAVDA	-10788.93	-375.19	313.08
47	NEPRAVDA	-8478.55	-96.84	-92.03
631	NEPRAVDA	-8829.63	-451.81	26.72
98	NEPRAVDA	-8128.95	-5.62	105.58
98	NEPRAVDA	-8128.95	-5.62	105.58
98	NEPRAVDA	-8128.95	-5.62	105.58
98	NEPRAVDA	-8128.95	-5.62	105.58
98	NEPRAVDA	-8128.95	-5.62	105.58
98	NEPRAVDA	-8128.95	-5.62	105.58
206	NEPRAVDA	-8282.95	120.42	-43.98
51	NEPRAVDA	-8108.97	24.04	-74.74
17	NEPRAVDA	-10302.38	-1510.11	421.15
155	NEPRAVDA	-9292.67	-747.48	-179.53
59	NEPRAVDA	-10070.77	-706.69	-186.78
187	NEPRAVDA	-9261.34	-126.49	306.52

radial_velocity	radial_velocity_std	radial_velocity_error	radial_velocity_n_stars	class_2.5
43.11	4.77	3.37	2	0.9921
19.65	9.33	1.80	27	0.9647
2.89	4.55	2.63	3	0.7627
5.34	21.89	1.10	398	0.9412
-13.70	10.36	2.59	16	0.9694
-4.85	11.14	1.48	57	0.9548
24.99	1.14	0.38	9	0.9610
-0.87	18.56	1.25	220	0.9711
39.26	6.66	0.42	252	0.9583
-6.49	6.24	0.51	148	0.9870
27.10	17.96	4.36	17	0.9667
39.26	6.66	0.42	252	0.9583
-7.08	10.62	0.70	228	0.9730
34.31	9.40	0.67	197	0.9717
39.26	6.66	0.42	252	0.9583
11.61	10.63	1.68	40	0.8676
13.83	3.77	0.67	32	0.0005
-12.04	5.74	1.05	30	0.9908
2.48	12.96	2.00	42	0.8652
13.46	11.58	1.22	90	0.9735
5.56	5.51	1.34	17	0.1449
-27.90	10.23	0.75	188	0.9648
4.62	8.24	0.29	826	0.9780
16.19	14.69	2.48	35	0.8481
2.52	7.17	0.82	76	0.9806
11.10	4.17	0.91	21	0.5020
-7.35	4.29	1.07	16	0.3459
9.58	10.79	1.85	34	0.4974
-27.90	10.23	0.75	188	0.9648
22.95	5.10	0.32	256	0.9905
19.47	8.11	0.64	160	0.9745
-22.09	12.62	2.20	33	0.9617
33.94	11.21	0.60	348	0.9575
-8.23	5.81	0.74	61	0.4432
14.21	12.66	1.71	55	0.9263
-4.32	19.78	8.84	5	0.9838
-14.55	8.71	0.44	387	0.9765
37.57	3.16	2.24	2	0.8719
-27.90	10.23	0.75	188	0.9648
27.98	12.20	1.16	110	0.0038
-2.51	13.51	1.62	70	0.0026
2.34	16.26	2.67	37	0.0467
-7.21	9.06	1.43	40	0.8993
33.94	11.21	0.60	348	0.9575
23.07	7.20	0.32	513	0.8690
6.03	12.92	7.46	3	0.6625
15.36	16.99	1.76	93	0.9670
-17.29	20.15	2.46	67	0.9216
38.21	11.78	2.15	30	0.8226
16.02	8.64	1.42	37	0.8586

8.03	8.31	0.58	205	0.9905
5.34	21.89	1.10	398	0.9412
4.62	8.24	0.29	826	0.9780
24.64	2.30	0.53	19	0.6128
8.03	8.31	0.58	205	0.9905
-16.81	13.23	1.44	84	0.9705
14.21	12.66	1.71	55	0.9263
25.80	13.25	0.96	189	0.9757
-12.02	11.97	1.12	114	0.9974
2.09	4.47	0.88	26	0.5509
2.09	4.47	0.88	26	0.5509
19.47	8.11	0.64	160	0.9745
-21.80	9.17	1.76	27	0.7203
39.26	6.66	0.42	252	0.9583
-14.55	8.71	0.44	387	0.9765
39.26	6.66	0.42	252	0.9583
-3.66	18.83	1.49	160	0.9984
4.22	9.68	1.53	40	0.4377
33.94	11.21	0.60	348	0.9575
-5.56	7.36	2.60	8	0.0427
-3.66	18.83	1.49	160	0.9984
-5.51	6.78	1.41	23	0.3096
22.95	5.10	0.32	256	0.9905
-2.18	6.17	0.93	44	0.9354
-8.73	8.80	1.31	45	0.8855
-12.96	8.28	2.39	12	0.9230
34.31	9.40	0.67	197	0.9717
-27.90	10.23	0.75	188	0.9648
22.77	14.80	4.27	12	0.7909
26.82	16.99	2.79	37	0.9396
-5.36	5.83	0.63	87	0.9912
-8.08	8.33	0.81	107	0.9783
19.30	9.27	3.28	8	0.7721
			0	0.9756
-0.17	4.66	0.55	73	0.8833
13.44	13.29	2.61	26	0.9971
33.94	11.21	0.60	348	0.9575
5.34	21.89	1.10	398	0.9412
-7.36	25.77	8.15	10	0.7012
4.62	8.24	0.29	826	0.9780
24.21	27.65	15.96	3	0.9766
39.26	6.66	0.42	252	0.9583
-24.59	10.41	2.39	19	0.9287
-3.66	14.51	1.51	93	0.9708
-17.29	20.15	2.46	67	0.9216
-25.24	11.96	2.67	20	0.9916
-29.69	7.49	0.56	179	0.8565
16.02	8.64	1.42	37	0.8586
19.47	8.11	0.64	160	0.9745
-13.25	8.00	0.95	71	0.9613
21.32	20.92	2.08	101	0.3348

4.62	8.24	0.29	826	0.9780
-0.89	16.06	2.75	34	0.1150
-9.77	8.41	2.25	14	0.0695
2.52	7.17	0.82	76	0.9806
19.47	8.11	0.64	160	0.9745
72.16	15.63	2.17	52	0.8706
-56.54	12.16	8.60	2	0.9917
-10.27	6.37	0.72	79	0.9807
-31.97	7.61	1.79	18	0.7774
19.47	8.11	0.64	160	0.9745
-3.66	18.83	1.49	160	0.9984
			0	0.8458
33.94	11.21	0.60	348	0.9575
25.75	9.72	1.29	57	0.8453
-5.36	5.83	0.63	87	0.9912
66.74	22.88	2.75	69	0.9806
-0.24	9.10	0.91	99	0.9731
39.26	6.66	0.42	252	0.9583
5.62	14.68	2.45	36	0.9532
5.25	25.48	6.18	17	0.2360
-13.56	10.84	1.37	63	0.8775
17.62	8.92	4.46	4	0.9771
-13.91	8.14	0.69	139	0.9730
-12.96	8.28	2.39	12	0.9230
5.34	21.89	1.10	398	0.9412
-19.28	20.99	3.90	29	0.1973
-6.63	5.67	0.63	82	0.9747
0.33	5.59	0.61	83	0.9778
-5.36	5.83	0.63	87	0.9912
-12.72	6.35	0.75	72	0.8191
0.32	4.80	0.55	76	0.9473
4.62	8.24	0.29	826	0.9780
-4.85	11.14	1.48	57	0.9548
-14.03	11.81	1.82	42	0.9752
0.33	5.59	0.61	83	0.9778
59.94	2.35	2.35	1	0.9084
-19.28	20.99	3.90	29	0.1973
-16.12	7.94	1.24	41	0.9028
-4.15	8.84	1.88	22	0.9519
-33.14	9.58	1.67	33	0.9894
7.54	7.89	0.88	80	0.9956
8.17	20.36	3.54	33	0.1195
4.79	21.73	5.12	18	0.9976
0.33	5.59	0.61	83	0.9778
-8.73	8.80	1.31	45	0.8855
-18.03	12.76	2.66	23	0.1161
8.03	8.31	0.58	205	0.9905
5.34	21.89	1.10	398	0.9412
15.18	16.48	2.35	49	0.9959
13.46	11.58	1.22	90	0.9735
4.23	16.02	4.28	14	0.9757

8.17	7.59	0.34	495	0.9323
-27.90	10.23	0.75	188	0.9648
-44.59	14.73	6.01	6	0.8788
-11.30	16.47	3.99	17	0.9411
-9.39	14.40	2.47	34	0.9842
4.11	14.50	2.14	46	0.9851
-13.91	8.14	0.69	139	0.9730
-12.41	5.80	1.67	12	0.9700
15.18	16.48	2.35	49	0.9959
66.74	22.88	2.75	69	0.9806
-24.50	16.57	6.77	6	0.9200
-9.30	19.53	1.04	356	0.9942
-9.30	19.53	1.04	356	0.9942
11.44	18.18	4.29	18	0.9635
33.94	11.21	0.60	348	0.9575
-13.30	12.48	1.55	65	0.9427
-6.33	15.97	2.97	29	0.9974
0.44	7.98	1.14	49	0.4430
-32.07	7.92	0.92	74	0.9762
-13.91	8.14	0.69	139	0.9730
-7.92	20.28	6.76	9	0.5683
-11.30	16.47	3.99	17	0.9411
-20.36	14.93	2.30	42	0.9928
-15.00	9.55	1.69	32	0.6767
-7.36	25.77	8.15	10	0.7012
-13.26	4.95	0.46	114	0.9679
1.81	13.44	2.24	36	0.7940
2.16	12.61	3.37	14	0.9701
4.11	14.50	2.14	46	0.9851
-12.41	5.80	1.67	12	0.9700
17.62	8.92	4.46	4	0.9771
-13.56	10.84	1.37	63	0.8775
			0	0.9886
-10.27	6.37	0.72	79	0.9807
-5.36	5.83	0.63	87	0.9912
-20.36	14.93	2.30	42	0.9928
-26.48	11.76	1.60	54	0.0068
-10.27	6.37	0.72	79	0.9807
-3.66	18.83	1.49	160	0.9984
-9.30	19.53	1.04	356	0.9942
4.46	31.36	6.84	21	0.7848
-6.63	5.67	0.63	82	0.9747
-23.56	0.44	0.31	2	0.7255
15.18	16.48	2.35	49	0.9959
-24.88	9.88	0.66	221	0.9453
-13.26	4.95	0.46	114	0.9679
42.08	9.74	2.44	16	0.9771
-14.90	4.94	0.57	75	0.9177
-33.14	9.58	1.67	33	0.9894
-16.81	13.23	1.44	84	0.9705
4.19	9.99	1.56	41	0.5631

4.79	21.73	5.12	18	0.9976
-12.93	17.94	1.65	118	0.9989
-29.31	13.58	2.12	41	0.9740
-10.27	6.37	0.72	79	0.9807
43.83	18.74	10.82	3	0.9526
-8.82	6.80	1.60	18	0.9845
18.09	2.31	1.33	3	0.0010
1.86	12.12	3.83	10	0.1349
4.11	14.50	2.14	46	0.9851
-11.07	1.77	1.25	2	0.0008
14.75	90.67	16.03	32	0.1235
-11.52	15.85	4.78	11	0.6715
-28.84	22.55	10.09	5	0.9907
-7.85	8.76	1.57	31	0.4152
2.04	10.30	1.47	49	0.9948
-32.84	17.08	2.30	55	0.8816
19.58	35.28	7.89	20	0.0567
-33.14	9.58	1.67	33	0.9894
-14.21	7.94	3.97	4	0.1668
-28.88	5.07	3.59	2	0.0245
-15.05	11.22	5.61	4	0.9693
-7.08	10.62	0.70	228	0.9730
7.67	15.59	2.90	29	0.9566
24.59	1.09	0.77	1	0.2206
8.38	7.59	1.25	37	0.3029
45.28	6.17	3.56	1	0.4033
16.35	9.87	6.98	2	0.8292
6.22	20.30	5.24	15	0.2707
25.80	13.25	0.96	189	0.9757
-0.17	4.66	0.55	73	0.8833
-0.17	4.66	0.55	73	0.8833
-0.17	4.66	0.55	73	0.8833
-0.17	4.66	0.55	73	0.8833
-0.17	4.66	0.55	73	0.8833
-0.17	4.66	0.55	73	0.8833
-7.78	18.53	2.05	82	0.6643
15.21	9.32	1.76	28	0.6428
56.98	23.46	16.59	2	0.0031
22.77	14.80	4.27	12	0.7909
			0	0.9843
65.25	11.84	1.40	72	0.4192

class_16	class_50	class_84	class_97.5	human_class	log_age_16	log_age_50	log_age_84	a_v_16
0.9986	0.9993	1.0000	1.0000		8.065	8.309	8.517	0.357
0.9938	0.9972	1.0000	1.0000		8.020	8.318	8.647	0.000
0.9601	0.9821	1.0000	1.0000		7.686	8.033	8.394	0.000
0.9911	0.9957	1.0000	1.0000		7.744	8.085	8.294	0.000
0.9930	0.9959	0.9999	1.0000		7.932	8.202	8.417	0.003
0.9895	0.9941	1.0000	1.0000		8.409	8.634	8.870	0.005
0.9969	0.9987	1.0000	1.0000		7.223	7.484	7.767	0.000
0.9948	0.9972	1.0000	1.0000		7.477	7.745	7.972	0.068
0.9915	0.9954	1.0000	1.0000		8.549	8.761	8.996	0.022
0.9976	0.9988	1.0000	1.0000		7.997	8.265	8.486	0.001
0.9884	0.9930	0.9992	0.9998		8.495	8.691	8.868	0.385
0.9915	0.9954	1.0000	1.0000		8.549	8.761	8.996	0.022
0.9953	0.9979	1.0000	1.0000		7.855	8.087	8.367	0.012
0.9950	0.9977	1.0000	1.0000		7.800	8.036	8.292	0.018
0.9915	0.9954	1.0000	1.0000		8.549	8.761	8.996	0.022
0.9787	0.9896	0.9999	0.9999		7.261	7.482	7.750	0.000
0.0008	0.0578	0.1193	0.5049		8.281	8.452	8.720	0.586
0.9984	0.9992	1.0000	1.0000		7.664	7.893	8.136	0.258
0.9707	0.9839	0.9996	0.9998		8.101	8.304	8.554	0.139
0.9944	0.9974	1.0000	1.0000		7.159	7.437	7.677	0.000
0.6559	0.8277	0.9995	0.9995		8.133	8.339	8.621	0.040
0.9924	0.9954	0.9999	1.0000		8.478	8.674	8.902	0.238
0.9960	0.9979	1.0000	1.0000		8.161	8.376	8.659	0.016
0.9689	0.9831	0.9997	0.9997		7.705	7.978	8.254	0.000
0.9962	0.9982	1.0000	1.0000		7.806	8.078	8.300	0.000
0.9131	0.9590	0.9999	0.9999		7.906	8.168	8.448	0.200
0.8179	0.9092	0.9994	0.9992		8.205	8.443	8.840	0.007
0.8877	0.9482	0.9982	0.9986		8.677	8.884	9.104	0.006
0.9924	0.9954	0.9999	1.0000		8.478	8.674	8.902	0.238
0.9987	0.9995	1.0000	1.0000		7.986	8.189	8.454	0.000
0.9951	0.9974	1.0000	1.0000		8.141	8.438	8.653	0.060
0.9931	0.9964	1.0000	1.0000		7.643	7.918	8.148	0.139
0.9930	0.9967	1.0000	1.0000		8.305	8.539	8.793	0.013
0.8804	0.9480	0.9994	0.9994		8.187	8.405	8.693	0.007
0.9875	0.9940	0.9998	1.0000		7.866	8.146	8.428	0.000
0.9971	0.9985	1.0000	1.0000		7.580	7.773	7.987	1.522
0.9954	0.9976	1.0000	1.0000		8.046	8.232	8.524	0.063
0.9545	0.9723	0.9972	0.9989		8.104	8.326	8.496	0.964
0.9924	0.9954	0.9999	1.0000		8.478	8.674	8.902	0.238
0.0038	0.0951	0.1774	0.5345		7.637	7.944	8.180	0.018
0.0040	0.1863	0.3315	0.7285		7.758	8.129	8.413	0.000
0.3119	0.5407	0.9766	0.9805		7.398	7.635	7.914	0.000
0.9826	0.9914	0.9998	0.9999		7.486	7.759	8.027	0.000
0.9930	0.9967	1.0000	1.0000		8.305	8.539	8.793	0.013
0.9778	0.9894	1.0000	1.0000		7.863	8.098	8.402	0.028
0.9408	0.9665	0.9997	0.9997		8.379	8.567	8.793	0.500
0.9937	0.9968	1.0000	1.0000		7.786	8.085	8.345	0.000
0.9793	0.9869	0.9988	0.9996		7.263	7.515	7.723	0.336
0.9702	0.9840	0.9999	0.9999		8.028	8.291	8.651	0.000
0.9796	0.9898	0.9999	0.9999		8.561	8.751	8.979	0.045

0.9984	0.9994	1.0000	1.0000	8.376	8.579	8.827	0.002
0.9911	0.9957	1.0000	1.0000	7.744	8.085	8.294	0.000
0.9960	0.9979	1.0000	1.0000	8.161	8.376	8.659	0.016
0.9349	0.9694	0.9999	0.9999	7.167	7.426	7.699	0.000
0.9984	0.9994	1.0000	1.0000	8.376	8.579	8.827	0.002
0.9938	0.9965	0.9999	1.0000	7.623	7.891	8.053	0.460
0.9875	0.9940	0.9998	1.0000	7.866	8.146	8.428	0.000
0.9974	0.9989	1.0000	1.0000	7.906	8.144	8.404	0.006
0.9994	0.9997	1.0000	1.0000	8.147	8.320	8.549	0.732
0.9393	0.9717	0.9999	0.9999	7.971	8.301	8.577	0.000
0.9393	0.9717	0.9999	0.9999	7.971	8.301	8.577	0.000
0.9951	0.9974	1.0000	1.0000	8.141	8.438	8.653	0.060
0.9584	0.9793	0.9993	0.9998	7.067	7.324	7.577	0.003
0.9915	0.9954	1.0000	1.0000	8.549	8.761	8.996	0.022
0.9954	0.9976	1.0000	1.0000	8.046	8.232	8.524	0.063
0.9915	0.9954	1.0000	1.0000	8.549	8.761	8.996	0.022
0.9998	0.9999	1.0000	1.0000	8.234	8.431	8.632	0.540
0.8814	0.9379	0.9984	0.9988	8.519	8.756	8.992	0.078
0.9930	0.9967	1.0000	1.0000	8.305	8.539	8.793	0.013
0.3710	0.6297	0.9980	0.9980	7.976	8.236	8.489	0.010
0.9998	0.9999	1.0000	1.0000	8.234	8.431	8.632	0.540
0.8188	0.9163	0.9993	0.9993	8.646	8.827	9.059	0.143
0.9987	0.9995	1.0000	1.0000	7.986	8.189	8.454	0.000
0.9899	0.9947	1.0000	1.0000	7.947	8.169	8.428	0.029
0.9787	0.9892	0.9999	0.9999	8.381	8.614	8.838	0.006
0.9891	0.9953	1.0000	1.0000	8.655	8.858	9.067	0.071
0.9950	0.9977	1.0000	1.0000	7.800	8.036	8.292	0.018
0.9924	0.9954	0.9999	1.0000	8.478	8.674	8.902	0.238
0.9524	0.9737	0.9987	0.9997	8.893	9.087	9.231	0.175
0.9863	0.9921	0.9999	0.9999	6.869	7.069	7.310	0.060
0.9983	0.9992	1.0000	1.0000	7.824	8.102	8.346	0.000
0.9951	0.9977	1.0000	1.0000	7.980	8.225	8.509	0.000
0.9589	0.9768	0.9998	0.9998	7.761	7.996	8.239	0.330
0.9949	0.9976	1.0000	1.0000	8.294	8.476	8.729	0.586
0.9769	0.9881	0.9998	1.0000	8.621	8.816	9.036	0.000
0.9998	0.9999	1.0000	1.0000	8.020	8.225	8.516	0.014
0.9930	0.9967	1.0000	1.0000	8.305	8.539	8.793	0.013
0.9911	0.9957	1.0000	1.0000	7.744	8.085	8.294	0.000
0.9605	0.9835	0.9999	0.9999	8.435	8.641	8.898	0.186
0.9960	0.9979	1.0000	1.0000	8.161	8.376	8.659	0.016
0.9983	0.9994	1.0000	1.0000	8.428	8.632	8.881	0.023
0.9915	0.9954	1.0000	1.0000	8.549	8.761	8.996	0.022
0.9864	0.9930	1.0000	1.0000	7.453	7.745	8.066	0.000
0.9931	0.9965	1.0000	1.0000	7.959	8.218	8.460	0.078
0.9793	0.9869	0.9988	0.9996	7.263	7.515	7.723	0.336
0.9985	0.9992	1.0000	1.0000	6.778	6.954	7.115	0.762
0.9764	0.9881	0.9998	1.0000	8.236	8.494	8.729	0.047
0.9796	0.9898	0.9999	0.9999	8.561	8.751	8.979	0.045
0.9951	0.9974	1.0000	1.0000	8.141	8.438	8.653	0.060
0.9938	0.9972	1.0000	1.0000	8.180	8.464	8.664	0.032
0.7946	0.8973	0.9954	0.9989	7.252	7.585	7.805	0.000

0.9960	0.9979	1.0000	1.0000	8.161	8.376	8.659	0.016
0.4625	0.6542	0.9925	0.9966	7.929	8.186	8.394	0.424
0.5406	0.7730	0.9994	0.9994	7.577	7.806	8.034	0.404
0.9962	0.9982	1.0000	1.0000	7.806	8.078	8.300	0.000
0.9951	0.9974	1.0000	1.0000	8.141	8.438	8.653	0.060
0.9825	0.9913	1.0000	1.0000	9.187	9.352	9.525	0.000
0.9983	0.9992	1.0000	1.0000	7.490	7.665	7.877	1.315
0.9966	0.9983	1.0000	1.0000	8.158	8.421	8.625	0.361
0.9666	0.9818	0.9997	0.9999 TP	8.662	8.852	9.080	0.052
0.9951	0.9974	1.0000	1.0000	8.141	8.438	8.653	0.060
0.9998	0.9999	1.0000	1.0000	8.234	8.431	8.632	0.540
0.9681	0.9826	0.9999	0.9999	8.299	8.504	8.734	0.894
0.9930	0.9967	1.0000	1.0000	8.305	8.539	8.793	0.013
0.9732	0.9872	0.9999	0.9999	7.981	8.225	8.444	0.000
0.9983	0.9992	1.0000	1.0000	7.824	8.102	8.346	0.000
0.9960	0.9981	1.0000	1.0000	8.931	9.124	9.269	0.197
0.9943	0.9968	1.0000	1.0000	8.445	8.672	8.940	0.017
0.9915	0.9954	1.0000	1.0000	8.549	8.761	8.996	0.022
0.9902	0.9950	1.0000	1.0000	7.798	8.042	8.260	0.245
0.6708	0.8256	0.9945	0.9987	7.825	8.090	8.325	0.116
0.9794	0.9891	0.9998	0.9999	8.566	8.759	8.967	0.213
0.9963	0.9984	1.0000	1.0000	8.633	8.815	8.991	0.519
0.9943	0.9973	1.0000	1.0000	7.896	8.096	8.302	0.253
0.9891	0.9953	1.0000	1.0000	8.655	8.858	9.067	0.071
0.9911	0.9957	1.0000	1.0000	7.744	8.085	8.294	0.000
0.6996	0.8499	0.9978	0.9983	7.676	7.941	8.201	0.061
0.9934	0.9964	1.0000	1.0000	8.081	8.296	8.535	0.838
0.9940	0.9967	0.9999	1.0000	8.214	8.451	8.705	0.021
0.9983	0.9992	1.0000	1.0000	7.824	8.102	8.346	0.000
0.9711	0.9838	0.9998	0.9999	7.837	8.093	8.316	0.069
0.9890	0.9941	0.9999	1.0000	8.578	8.796	9.006	0.008
0.9960	0.9979	1.0000	1.0000	8.161	8.376	8.659	0.016
0.9895	0.9941	1.0000	1.0000	8.409	8.634	8.870	0.005
0.9936	0.9964	1.0000	1.0000	7.982	8.175	8.415	0.728
0.9940	0.9967	0.9999	1.0000	8.214	8.451	8.705	0.021
0.9885	0.9948	1.0000	1.0000	8.879	9.050	9.261	0.000
0.6996	0.8499	0.9978	0.9983	7.676	7.941	8.201	0.061
0.9867	0.9932	1.0000	1.0000	7.631	7.892	8.177	0.023
0.9940	0.9975	1.0000	1.0000	8.307	8.578	8.835	0.118
0.9983	0.9991	1.0000	1.0000	8.328	8.566	8.734	0.608
0.9993	0.9997	1.0000	1.0000	8.883	9.032	9.249	0.006
0.4933	0.7016	0.9967	0.9984	8.528	8.789	8.991	0.002
0.9995	0.9998	1.0000	1.0000	8.078	8.316	8.508	0.558
0.9940	0.9967	0.9999	1.0000	8.214	8.451	8.705	0.021
0.9787	0.9892	0.9999	0.9999	8.381	8.614	8.838	0.006
0.6280	0.8020	0.9972	0.9991	8.216	8.419	8.676	0.330
0.9984	0.9994	1.0000	1.0000	8.376	8.579	8.827	0.002
0.9911	0.9957	1.0000	1.0000	7.744	8.085	8.294	0.000
0.9993	0.9997	1.0000	1.0000	8.606	8.799	8.975	0.146
0.9944	0.9974	1.0000	1.0000	7.159	7.437	7.677	0.000
0.9956	0.9980	1.0000	1.0000	8.011	8.252	8.446	0.489

0.9804	0.9879	0.9999	0.9999	8.208	8.463	8.658	0.669
0.9924	0.9954	0.9999	1.0000	8.478	8.674	8.902	0.238
0.9616	0.9785	0.9995	0.9998	8.845	9.011	9.194	0.260
0.9874	0.9927	0.9998	0.9998	8.433	8.589	8.822	0.592
0.9976	0.9989	1.0000	1.0000	8.543	8.730	8.979	0.111
0.9978	0.9989	1.0000	1.0000	8.329	8.532	8.733	0.575
0.9943	0.9973	1.0000	1.0000	7.896	8.096	8.302	0.253
0.9954	0.9980	1.0000	1.0000	8.107	8.378	8.602	0.212
0.9993	0.9997	1.0000	1.0000	8.606	8.799	8.975	0.146
0.9960	0.9981	1.0000	1.0000	8.931	9.124	9.269	0.197
0.9897	0.9953	1.0000	1.0000	8.381	8.572	8.824	0.159
0.9991	0.9995	1.0000	1.0000	8.002	8.209	8.414	0.432
0.9991	0.9995	1.0000	1.0000	8.002	8.209	8.414	0.432
0.9948	0.9975	1.0000	1.0000	8.506	8.699	8.900	0.427
0.9930	0.9967	1.0000	1.0000	8.305	8.539	8.793	0.013
0.9849	0.9909	0.9998	0.9997	7.739	7.996	8.208	0.790
0.9996	0.9998	1.0000	1.0000	7.720	7.921	8.133	0.872
0.8053	0.8961	0.9981	0.9981	8.088	8.315	8.526	0.536
0.9951	0.9975	1.0000	1.0000	8.804	8.985	9.164	0.130
0.9943	0.9973	1.0000	1.0000	7.896	8.096	8.302	0.253
0.8995	0.9399	0.9996	0.9996 TP	8.246	8.440	8.668	0.736
0.9874	0.9927	0.9998	0.9998	8.433	8.589	8.822	0.592
0.9982	0.9991	1.0000	1.0000 TP	8.247	8.447	8.653	0.791
0.9313	0.9621	0.9980	0.9990	8.575	8.775	8.960	0.427
0.9605	0.9835	0.9999	0.9999	8.435	8.641	8.898	0.186
0.9922	0.9962	1.0000	1.0000	8.338	8.538	8.769	0.672
0.9675	0.9844	0.9998	0.9999	7.908	8.160	8.408	0.075
0.9929	0.9959	0.9999	0.9999	8.682	8.888	9.081	0.095
0.9978	0.9989	1.0000	1.0000	8.329	8.532	8.733	0.575
0.9954	0.9980	1.0000	1.0000	8.107	8.378	8.602	0.212
0.9963	0.9984	1.0000	1.0000	8.633	8.815	8.991	0.519
0.9794	0.9891	0.9998	0.9999	8.566	8.759	8.967	0.213
0.9976	0.9986	1.0000	1.0000	7.991	8.167	8.427	0.725
0.9966	0.9983	1.0000	1.0000	8.158	8.421	8.625	0.361
0.9983	0.9992	1.0000	1.0000	7.824	8.102	8.346	0.000
0.9982	0.9991	1.0000	1.0000 TP	8.247	8.447	8.653	0.791
0.0205	0.3358	0.5194	0.8444	8.188	8.412	8.585	0.851
0.9966	0.9983	1.0000	1.0000	8.158	8.421	8.625	0.361
0.9998	0.9999	1.0000	1.0000	8.234	8.431	8.632	0.540
0.9991	0.9995	1.0000	1.0000	8.002	8.209	8.414	0.432
0.9568	0.9786	0.9996	0.9996 TP	7.313	7.527	7.704	0.692
0.9934	0.9964	1.0000	1.0000	8.081	8.296	8.535	0.838
0.9274	0.9589	0.9977	0.9991	8.688	8.864	9.057	0.746
0.9993	0.9997	1.0000	1.0000	8.606	8.799	8.975	0.146
0.9885	0.9936	0.9999	1.0000	8.744	8.923	9.127	0.183
0.9922	0.9962	1.0000	1.0000	8.338	8.538	8.769	0.672
0.9941	0.9965	0.9999	0.9999	8.606	8.757	8.964	0.607
0.9812	0.9887	0.9995	0.9999	8.164	8.393	8.569	1.038
0.9983	0.9991	1.0000	1.0000	8.328	8.566	8.734	0.608
0.9938	0.9965	0.9999	1.0000	7.623	7.891	8.053	0.460
0.9139	0.9483	0.9966	0.9973	7.867	8.070	8.300	0.988

0.9995	0.9998	1.0000	1.0000	8.078	8.316	8.508	0.558
0.9998	0.9999	1.0000	1.0000	7.953	8.172	8.364	0.832
0.9937	0.9963	1.0000	1.0000 TP	8.416	8.555	8.782	0.634
0.9966	0.9983	1.0000	1.0000	8.158	8.421	8.625	0.361
0.9840	0.9902	0.9993	0.9997	8.500	8.682	8.864	0.861
0.9966	0.9982	1.0000	1.0000	8.081	8.326	8.510	0.565
0.0010	0.0789	0.1492	0.5427	7.568	7.939	8.317	1.479
0.4546	0.6239	0.9739	0.9899	8.688	8.866	9.046	0.828
0.9978	0.9989	1.0000	1.0000	8.329	8.532	8.733	0.575
0.0004	0.1140	0.2669	0.8207	7.831	8.079	8.318	0.751
0.4332	0.5803	0.9320	0.9413	6.440	6.614	6.718	2.012
0.9387	0.9678	1.0000	1.0000	8.097	8.338	8.585	0.926
0.9985	0.9993	1.0000	1.0000	7.773	7.961	8.185	0.494
0.8433	0.9008	0.9955	0.9955	7.562	7.744	8.002	1.783
0.9993	0.9997	1.0000	1.0000 TP	8.300	8.485	8.713	0.798
0.9730	0.9856	0.9998	0.9998	8.807	8.991	9.157	0.369
0.0845	0.3875	0.5819	0.8633	7.904	8.129	8.374	1.760
0.9983	0.9991	1.0000	1.0000	8.328	8.566	8.734	0.608
0.5969	0.7484	0.9669	0.9798	8.304	8.525	8.828	1.541
0.0256	0.3927	0.5832	0.9261	8.434	8.620	8.817	0.899
0.9922	0.9958	0.9999	1.0000	8.122	8.338	8.555	1.596
0.9953	0.9979	1.0000	1.0000	7.855	8.087	8.367	0.012
0.9919	0.9962	1.0000	1.0000	8.088	8.396	8.668	0.000
0.6638	0.8063	0.9990	0.9981	8.653	8.916	9.250	0.139
0.7946	0.9078	0.9984	0.9984	8.181	8.466	8.709	0.000
0.8619	0.9305	0.9998	0.9998	8.635	8.817	9.044	0.284
0.9332	0.9581	0.9944	0.9977 TP	8.478	8.672	8.863	0.445
0.6106	0.7471	0.9581	0.9745	6.502	6.728	6.853	0.605
0.9974	0.9989	1.0000	1.0000	7.906	8.144	8.404	0.006
0.9769	0.9881	0.9998	1.0000	8.621	8.816	9.036	0.000
0.9769	0.9881	0.9998	1.0000	8.621	8.816	9.036	0.000
0.9769	0.9881	0.9998	1.0000	8.621	8.816	9.036	0.000
0.9769	0.9881	0.9998	1.0000	8.621	8.816	9.036	0.000
0.9769	0.9881	0.9998	1.0000	8.621	8.816	9.036	0.000
0.9769	0.9881	0.9998	1.0000	8.621	8.816	9.036	0.000
0.9476	0.9765	0.9993	0.9996	7.731	8.045	8.311	0.000
0.9367	0.9679	0.9995	0.9995	7.673	7.969	8.258	0.000
0.0095	0.1289	0.2262	0.6442	8.889	9.102	9.347	0.027
0.9524	0.9737	0.9987	0.9997	8.893	9.087	9.231	0.175
0.9958	0.9974	1.0000	1.0000	7.659	7.867	8.078	0.520
0.8092	0.9051	0.9995	0.9995	9.152	9.323	9.489	0.003

a_v_50	a_v_84	differential_a_v_16	differential_a_v_50	differential_a_v_84
0.588	0.707	0.119	0.514	0.720
0.060	0.117	0.000	0.355	0.555
0.071	0.155	0.000	0.322	0.518
0.102	0.166	0.121	0.634	0.961
0.108	0.170	0.091	0.531	0.767
0.128	0.194	0.625	1.146	1.526
0.040	0.088	0.000	0.334	0.557
0.242	0.354	0.155	0.610	0.945
0.165	0.237	0.097	0.604	0.914
0.108	0.160	0.050	0.482	0.691
0.584	0.708	0.618	1.027	1.358
0.165	0.237	0.097	0.604	0.914
0.143	0.225	0.265	0.777	1.085
0.159	0.231	0.137	0.598	0.892
0.165	0.237	0.097	0.604	0.914
0.102	0.168	0.071	0.519	0.772
0.783	0.990	1.428	1.920	2.300
0.448	0.626	0.011	0.396	0.597
0.302	0.404	0.838	1.236	1.639
0.091	0.143	0.017	0.465	0.706
0.216	0.300	0.078	0.500	0.747
0.387	0.521	0.414	0.960	1.273
0.120	0.184	0.124	0.557	0.819
0.176	0.272	0.381	0.879	1.278
0.101	0.153	0.149	0.623	0.959
0.387	0.543	0.350	0.929	1.300
0.196	0.295	0.000	0.350	0.610
0.104	0.153	0.088	0.464	0.758
0.387	0.521	0.414	0.960	1.273
0.086	0.132	0.045	0.450	0.652
0.216	0.305	0.437	0.891	1.250
0.310	0.448	0.425	0.907	1.276
0.159	0.226	0.017	0.527	0.749
0.113	0.184	0.068	0.496	0.755
0.079	0.137	0.070	0.539	0.779
1.702	1.880	0.012	0.335	0.531
0.208	0.296	0.138	0.654	0.950
1.144	1.335	1.930	2.242	2.589
0.387	0.521	0.414	0.960	1.273
0.188	0.287	0.755	1.259	1.765
0.117	0.200	0.265	0.810	1.179
0.109	0.173	0.103	0.551	0.832
0.089	0.154	0.081	0.530	0.781
0.159	0.226	0.017	0.527	0.749
0.205	0.298	0.380	0.867	1.228
0.704	0.869	0.742	1.150	1.521
0.091	0.149	0.086	0.539	0.763
0.559	0.736	0.402	0.978	1.317
0.078	0.145	0.004	0.411	0.642
0.165	0.248	0.047	0.436	0.634

0.096	0.149	0.076	0.431	0.671
0.102	0.166	0.121	0.634	0.961
0.120	0.184	0.124	0.557	0.819
0.095	0.156	0.000	0.520	0.783
0.096	0.149	0.076	0.431	0.671
0.702	0.811	0.573	1.095	1.415
0.079	0.137	0.070	0.539	0.779
0.123	0.182	0.077	0.533	0.753
0.918	1.072	0.619	1.021	1.373
0.100	0.172	0.116	0.513	0.809
0.100	0.172	0.116	0.513	0.809
0.216	0.305	0.437	0.891	1.250
0.181	0.257	0.100	0.644	0.886
0.165	0.237	0.097	0.604	0.914
0.208	0.296	0.138	0.654	0.950
0.165	0.237	0.097	0.604	0.914
0.729	0.890	0.589	0.984	1.335
0.226	0.326	0.194	0.656	0.981
0.159	0.226	0.017	0.527	0.749
0.165	0.239	0.000	0.327	0.502
0.729	0.890	0.589	0.984	1.335
0.302	0.407	0.247	0.655	0.984
0.086	0.132	0.045	0.450	0.652
0.133	0.203	0.040	0.472	0.691
0.116	0.165	0.002	0.405	0.600
0.215	0.304	0.001	0.290	0.439
0.159	0.231	0.137	0.598	0.892
0.387	0.521	0.414	0.960	1.273
0.289	0.421	0.156	0.530	0.737
0.190	0.285	0.091	0.655	0.947
0.065	0.113	0.001	0.378	0.574
0.070	0.122	0.060	0.438	0.668
0.514	0.672	0.310	0.770	1.128
0.814	0.999	0.384	0.847	1.182
0.071	0.112	0.013	0.436	0.657
0.122	0.183	0.036	0.377	0.560
0.159	0.226	0.017	0.527	0.749
0.102	0.166	0.121	0.634	0.961
0.358	0.497	0.448	0.849	1.211
0.120	0.184	0.124	0.557	0.819
0.142	0.214	0.000	0.230	0.368
0.165	0.237	0.097	0.604	0.914
0.106	0.194	0.007	0.476	0.705
0.215	0.320	0.449	0.924	1.284
0.559	0.736	0.402	0.978	1.317
0.976	1.122	0.727	1.183	1.603
0.198	0.283	0.367	0.851	1.214
0.165	0.248	0.047	0.436	0.634
0.216	0.305	0.437	0.891	1.250
0.180	0.256	0.256	0.666	1.032
0.045	0.095	0.093	0.612	0.875

0.120	0.184	0.124	0.557	0.819
0.608	0.784	0.820	1.291	1.683
0.605	0.754	0.211	0.626	0.973
0.101	0.153	0.149	0.623	0.959
0.216	0.305	0.437	0.891	1.250
0.030	0.068	0.000	0.133	0.235
1.512	1.685	0.701	1.064	1.502
0.572	0.735	0.360	0.753	1.128
0.188	0.271	0.063	0.483	0.693
0.216	0.305	0.437	0.891	1.250
0.729	0.890	0.589	0.984	1.335
1.125	1.313	0.099	0.528	0.752
0.159	0.226	0.017	0.527	0.749
0.078	0.133	0.388	0.858	1.206
0.065	0.113	0.001	0.378	0.574
0.341	0.469	0.176	0.506	0.749
0.139	0.214	0.115	0.559	0.798
0.165	0.237	0.097	0.604	0.914
0.494	0.624	0.463	0.882	1.303
0.298	0.424	0.618	1.072	1.528
0.359	0.479	0.235	0.708	0.941
0.695	0.865	0.001	0.229	0.352
0.411	0.559	0.754	1.153	1.575
0.215	0.304	0.001	0.290	0.439
0.102	0.166	0.121	0.634	0.961
0.237	0.337	0.276	0.752	1.114
1.077	1.268	0.856	1.378	1.733
0.124	0.202	0.020	0.401	0.610
0.065	0.113	0.001	0.378	0.574
0.228	0.324	0.299	0.757	1.135
0.108	0.163	0.025	0.435	0.621
0.120	0.184	0.124	0.557	0.819
0.128	0.194	0.625	1.146	1.526
0.926	1.088	0.888	1.332	1.693
0.124	0.202	0.020	0.401	0.610
0.059	0.101	0.000	0.168	0.284
0.237	0.337	0.276	0.752	1.114
0.177	0.267	0.321	0.697	1.097
0.304	0.424	0.294	0.854	1.153
0.807	0.972	0.254	0.672	0.929
0.088	0.128	0.001	0.277	0.426
0.122	0.181	0.004	0.385	0.585
0.743	0.927	0.595	1.034	1.372
0.124	0.202	0.020	0.401	0.610
0.116	0.165	0.002	0.405	0.600
0.544	0.669	0.333	0.813	1.151
0.096	0.149	0.076	0.431	0.671
0.102	0.166	0.121	0.634	0.961
0.314	0.411	0.405	0.759	1.095
0.091	0.143	0.017	0.465	0.706
0.707	0.887	0.476	0.935	1.243

0.900	1.080	1.639	2.019	2.389
0.387	0.521	0.414	0.960	1.273
0.417	0.554	0.947	1.362	1.759
0.786	0.982	0.527	0.893	1.224
0.272	0.360	0.109	0.513	0.755
0.716	0.912	0.131	0.520	0.738
0.411	0.559	0.754	1.153	1.575
0.417	0.547	0.188	0.619	0.910
0.314	0.411	0.405	0.759	1.095
0.341	0.469	0.176	0.506	0.749
0.334	0.436	0.002	0.312	0.494
0.593	0.777	0.701	1.135	1.528
0.593	0.777	0.701	1.135	1.528
0.592	0.780	0.178	0.533	0.779
0.159	0.226	0.017	0.527	0.749
0.987	1.175	1.218	1.630	2.052
1.076	1.231	0.468	0.902	1.226
0.741	0.913	0.832	1.242	1.732
0.252	0.341	0.133	0.464	0.682
0.411	0.559	0.754	1.153	1.575
0.938	1.096	0.920	1.381	1.701
0.786	0.982	0.527	0.893	1.224
0.974	1.125	0.470	0.821	1.202
0.641	0.763	0.074	0.506	0.713
0.358	0.497	0.448	0.849	1.211
0.928	1.110	0.980	1.412	1.802
0.255	0.366	0.084	0.593	0.865
0.215	0.298	0.588	0.985	1.376
0.716	0.912	0.131	0.520	0.738
0.417	0.547	0.188	0.619	0.910
0.695	0.865	0.001	0.229	0.352
0.359	0.479	0.235	0.708	0.941
0.964	1.141	0.831	1.335	1.647
0.572	0.735	0.360	0.753	1.128
0.065	0.113	0.001	0.378	0.574
0.974	1.125	0.470	0.821	1.202
1.079	1.258	2.120	2.407	2.751
0.572	0.735	0.360	0.753	1.128
0.729	0.890	0.589	0.984	1.335
0.593	0.777	0.701	1.135	1.528
0.868	1.049	1.282	1.684	2.099
1.077	1.268	0.856	1.378	1.733
0.970	1.145	0.293	0.708	0.953
0.314	0.411	0.405	0.759	1.095
0.360	0.470	0.194	0.642	0.890
0.928	1.110	0.980	1.412	1.802
0.789	0.967	0.731	1.084	1.455
1.213	1.403	0.942	1.377	1.759
0.807	0.972	0.254	0.672	0.929
0.702	0.811	0.573	1.095	1.415
1.178	1.366	1.027	1.457	1.903

0.743	0.927	0.595	1.034	1.372
1.048	1.197	0.307	0.678	0.997
0.802	0.971	0.191	0.532	0.790
0.572	0.735	0.360	0.753	1.128
1.079	1.262	1.467	1.823	2.195
0.775	0.940	0.314	0.742	1.058
1.819	2.179	0.955	1.439	2.025
1.103	1.290	0.870	1.307	1.657
0.716	0.912	0.131	0.520	0.738
0.950	1.143	0.133	0.591	0.835
2.315	2.607	1.751	2.228	2.805
1.176	1.405	0.838	1.295	1.766
0.657	0.865	0.316	0.758	1.105
1.987	2.225	2.122	2.461	2.793
1.007	1.174	0.305	0.685	0.982
0.545	0.723	0.015	0.359	0.510
1.977	2.207	2.248	2.550	2.875
0.807	0.972	0.254	0.672	0.929
1.737	2.012	1.816	2.163	2.565
1.149	1.312	0.831	1.196	1.638
1.794	1.980	0.271	0.733	0.967
0.143	0.225	0.265	0.777	1.085
0.087	0.148	0.031	0.450	0.662
0.326	0.534	0.233	0.755	1.099
0.095	0.158	0.214	0.669	1.001
0.446	0.581	0.450	0.866	1.179
0.656	0.843	1.409	1.834	2.174
0.899	1.181	1.227	1.762	2.346
0.123	0.182	0.077	0.533	0.753
0.071	0.112	0.013	0.436	0.657
0.071	0.112	0.013	0.436	0.657
0.071	0.112	0.013	0.436	0.657
0.071	0.112	0.013	0.436	0.657
0.071	0.112	0.013	0.436	0.657
0.071	0.112	0.013	0.436	0.657
0.081	0.145	0.080	0.589	0.862
0.059	0.118	0.000	0.443	0.655
0.232	0.341	0.636	1.096	1.505
0.289	0.421	0.156	0.530	0.737
0.747	0.926	0.866	1.229	1.704
0.095	0.142	0.397	0.775	1.152

distance_modulus_16	distance_modulus_50	distance_modulus_84	min_cluster_size
10.749	10.914	11.065	80
5.189	5.327	5.462	40
5.976	6.133	6.303	10
5.429	5.590	5.715	20
7.844	7.990	8.170	40
6.740	6.918	7.060	80
4.633	4.751	4.919	10
6.051	6.185	6.358	20
3.294	3.352	3.413	40
8.462	8.654	8.819	80
10.571	10.712	10.891	80
3.294	3.352	3.413	40
8.245	8.390	8.595	20
8.111	8.273	8.430	20
3.294	3.352	3.413	40
8.185	8.358	8.509	10
7.142	7.305	7.453	10
7.839	8.015	8.163	40
9.007	9.150	9.330	80
5.713	5.854	6.006	80
8.107	8.266	8.429	40
7.671	7.847	7.997	80
8.125	8.280	8.452	20
7.352	7.503	7.688	80
6.626	6.778	6.921	20
6.049	6.168	6.325	80
3.200	3.200	3.200	10
6.520	6.690	6.842	20
7.671	7.847	7.997	80
9.025	9.210	9.373	80
8.304	8.458	8.628	80
8.147	8.315	8.483	80
6.166	6.326	6.474	80
6.784	6.938	7.096	20
7.057	7.192	7.359	80
9.027	9.160	9.322	20
6.984	7.148	7.282	20
10.473	10.626	10.780	40
7.671	7.847	7.997	80
5.654	5.814	5.960	80
4.885	4.997	5.144	40
6.055	6.202	6.352	80
8.100	8.274	8.454	80
6.166	6.326	6.474	80
7.823	7.974	8.132	20
10.199	10.376	10.513	40
8.082	8.271	8.429	80
7.452	7.634	7.776	80
6.501	6.660	6.818	10
9.007	9.163	9.349	80

9.135	9.303	9.479	80
5.429	5.590	5.715	20
8.125	8.280	8.452	20
3.728	3.822	3.948	20
9.135	9.303	9.479	80
8.817	8.996	9.121	80
7.057	7.192	7.359	80
9.407	9.568	9.728	80
9.788	9.958	10.096	80
7.934	8.110	8.267	80
7.934	8.110	8.267	80
8.304	8.458	8.628	80
7.124	7.298	7.448	80
3.294	3.352	3.413	40
6.984	7.148	7.282	20
3.294	3.352	3.413	40
9.995	10.150	10.306	80
7.313	7.483	7.629	40
6.166	6.326	6.474	80
9.453	9.670	9.798	20
9.995	10.150	10.306	80
7.512	7.678	7.829	40
9.025	9.210	9.373	80
8.813	8.992	9.179	20
6.459	6.607	6.753	20
10.359	10.526	10.720	40
8.111	8.273	8.430	20
7.671	7.847	7.997	80
10.577	10.736	10.907	80
7.689	7.855	7.999	80
7.156	7.322	7.466	40
7.479	7.645	7.805	10
9.546	9.694	9.843	40
10.738	10.904	11.053	40
4.553	4.708	4.840	10
9.436	9.595	9.759	80
6.166	6.326	6.474	80
5.429	5.590	5.715	20
10.202	10.337	10.527	40
8.125	8.280	8.452	20
9.942	10.135	10.290	10
3.294	3.352	3.413	40
5.822	5.954	6.149	10
8.557	8.714	8.896	80
7.452	7.634	7.776	80
9.549	9.719	9.853	40
8.021	8.161	8.352	20
9.007	9.163	9.349	80
8.304	8.458	8.628	80
8.663	8.840	8.989	80
6.540	6.690	6.871	20

8.125	8.280	8.452	20
8.477	8.651	8.788	40
9.119	9.283	9.452	10
6.626	6.778	6.921	20
8.304	8.458	8.628	80
11.595	11.787	12.014	10
12.580	12.731	12.923	80
8.699	8.841	9.002	80
9.496	9.672	9.863	40
8.304	8.458	8.628	80
9.995	10.150	10.306	80
10.351	10.497	10.681	20
6.166	6.326	6.474	80
8.761	8.920	9.107	80
7.156	7.322	7.466	40
10.912	11.063	11.240	80
6.510	6.679	6.824	40
3.294	3.352	3.413	40
8.377	8.528	8.687	80
9.208	9.351	9.550	20
9.255	9.439	9.589	80
10.364	10.511	10.709	40
9.063	9.205	9.393	80
10.359	10.526	10.720	40
5.429	5.590	5.715	20
7.292	7.478	7.603	20
8.163	8.302	8.461	80
7.845	8.008	8.198	80
7.156	7.322	7.466	40
8.423	8.594	8.747	80
6.947	7.142	7.270	80
8.125	8.280	8.452	20
6.740	6.918	7.060	80
9.473	9.639	9.776	80
7.845	8.008	8.198	80
12.252	12.472	12.738	20
7.292	7.478	7.603	20
8.448	8.602	8.771	80
8.349	8.514	8.685	80
10.306	10.427	10.606	80
9.977	10.163	10.342	10
5.775	5.935	6.073	20
10.251	10.413	10.572	80
7.845	8.008	8.198	80
6.459	6.607	6.753	20
9.573	9.727	9.909	40
9.135	9.303	9.479	80
5.429	5.590	5.715	20
10.552	10.716	10.886	80
5.713	5.854	6.006	80
9.699	9.855	10.023	40

7.632	7.767	7.935	40
7.671	7.847	7.997	80
11.803	11.979	12.153	80
10.631	10.796	10.954	80
9.678	9.826	10.005	80
10.369	10.515	10.673	80
9.063	9.205	9.393	80
8.699	8.863	9.018	20
10.552	10.716	10.886	80
10.912	11.063	11.240	80
10.723	10.889	11.115	20
9.420	9.566	9.751	80
9.420	9.566	9.751	80
10.400	10.544	10.718	80
6.166	6.326	6.474	80
9.029	9.166	9.326	80
9.697	9.819	9.981	80
8.600	8.779	8.915	80
10.480	10.671	10.823	80
9.063	9.205	9.393	80
10.238	10.391	10.537	10
10.631	10.796	10.954	80
9.912	10.092	10.228	80
8.713	8.869	9.020	40
10.202	10.337	10.527	40
7.798	7.950	8.095	80
5.754	5.886	6.067	20
10.627	10.813	10.981	80
10.369	10.515	10.673	80
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9.255	9.439	9.589	80
11.407	11.566	11.742	40
8.699	8.841	9.002	80
7.156	7.322	7.466	40
9.912	10.092	10.228	80
8.983	9.162	9.304	80
8.699	8.841	9.002	80
9.995	10.150	10.306	80
9.420	9.566	9.751	80
9.981	10.120	10.305	80
8.163	8.302	8.461	80
11.719	11.870	12.052	40
10.552	10.716	10.886	80
8.091	8.245	8.409	20
7.798	7.950	8.095	80
10.914	11.059	11.209	80
7.587	7.726	7.860	20
10.306	10.427	10.606	80
8.817	8.996	9.121	80
7.481	7.632	7.761	20

10.251	10.413	10.572	80
8.999	9.156	9.289	20
10.417	10.547	10.728	80
8.699	8.841	9.002	80
12.445	12.663	12.798	10
8.805	8.956	9.120	40
10.439	10.594	10.787	10
11.197	11.381	11.550	40
10.369	10.515	10.673	80
9.794	9.957	10.105	20
7.933	8.124	8.247	40
8.617	8.782	8.922	40
10.703	10.891	11.056	80
8.693	8.823	8.976	40
9.499	9.622	9.785	80
12.483	12.643	12.850	10
9.965	10.110	10.249	80
10.306	10.427	10.606	80
8.613	8.755	8.882	40
11.835	12.036	12.227	20
10.359	10.540	10.653	40
8.245	8.390	8.595	20
8.745	8.889	9.074	40
11.110	11.285	11.462	10
8.308	8.483	8.644	80
11.317	11.499	11.635	10
11.993	12.130	12.332	10
7.709	7.873	8.020	40
9.407	9.568	9.728	80
4.553	4.708	4.840	10
4.553	4.708	4.840	10
4.553	4.708	4.840	10
4.553	4.708	4.840	10
4.553	4.708	4.840	10
4.553	4.708	4.840	10
6.522	6.664	6.836	20
4.859	4.991	5.116	40
11.976	12.170	12.401	10
10.577	10.736	10.907	80
11.441	11.612	11.777	40
10.151	10.319	10.507	80

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NEPRAVDA	NEPRAVDA	0	
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NEPRAVDA	NEPRAVDA	2	1:m
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2015662722215630080		Gaia DR2 2015662722215630080	R8041
5240688278217818624		Gaia DR2 5240688278217818624	R4080
5963931358914492160		Gaia DR2 5963931358914492160	R5801
4054318564734602752		Gaia DR2 4054318564734602752	R6019
5835123984094812544		Gaia DR2 5835123984094812544	R5568
5967201096026903808		Gaia DR2 5967201096026903808	R5818
4092908772859867648		Gaia DR2 4092908772859867648	R6354
5240688278217814144		Gaia DR2 5240688278217814144	R4083
5260177534138699904		Gaia DR2 5260177534138699904	R3678
4252502954359718784		Gaia DR2 4252502954359718784	R6481
3131335689146178432		Gaia DR2 3131335689146178432	R2110
201045980314029184		Gaia DR2 201045980314029184	L283
1996853411155856384		Gaia DR2 1996853411155856384	L987
942821088992726016		Gaia DR2 942821088992726016	L588
888458622775254656		Gaia DR2 888458622775254656	L692
183262612388074496		Gaia DR2 183262612388074496	L341
72049489436410752		Gaia DR2 72049489436410752	L140
2061067845160938880		Gaia DR2 2061067845160938880	L939
3423316331959721600		Gaia DR2 3423316331959721600	L487
3427146510778976896		Gaia DR2 3427146510778976896	L527
1966710707894388608		Gaia DR2 1966710707894388608	L957
271765228187699328		Gaia DR2 271765228187699328	L201
3373847718978934656		Gaia DR2 3373847718978934656	L535
271669914274685312		Gaia DR2 271669914274685312	L199
2068901212668308864		Gaia DR2 2068901212668308864	L941
187964609445409536		Gaia DR2 187964609445409536	L311
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4092406197334316672		Gaia DR2 4092406197334316672	R6396
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375033078249501696		Gaia DR2 375033078249501696	R145
3466791945137514368		Gaia DR2 3466791945137514368	R4263
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248229528957381248		Gaia DR2 248229528957381248	R677
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5436355580767094144		Gaia DR2 5436355580767094144	R3518
5938814282779278080		Gaia DR2 5938814282779278080	R5837
5368269388368281600		Gaia DR2 5368269388368281600	R3836
1561439694084279552		Gaia DR2 1561439694084279552	R4791
5491666203962574080		Gaia DR2 5491666203962574080	R2518

243185278842565376	Gaia DR2 243185278842565376	R625
1978652748518359808	Gaia DR2 1978652748518359808	R7556
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SpecType

␣\textit{B9 III Si}*␣

␣A0 IV-V Cr ␣

␣A0 IV-V SrCr ␣

␣A0 V CrEuSi ␣

␣A2 III-IV SrCrEu ␣

␣A4 IV CrEuSi ␣

␣B7 V Si ␣

␣B8 III Si ␣

␣B8 III-IV Si ␣

␣B8 IV Si ␣

␣B8 IV Si ␣

␣B9 IV-V Cr ␣

␣B9 V Cr ␣

␣B9.5 II Si ␣

␣B9.5 III-IV Cr ␣

␣kA0hA3mA7 CrSi ␣

A

A

A

A

A Si

A Si

A Sr Eu

A0

A0

A0

A0

A0

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A0 Eu Cr

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A8 Sr
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F3 Sr

F4

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kB9hA1mA2 bl4077*

kB9hF0mK2 Si5056Eu4205

Si

Si Sr

Si?

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	351.1133316	61.5435830	0.6268	0.0121	-1.870	0.013	-1.226
	169.9251613	-63.4760371	0.4418	0.0176	-6.916	0.019	2.164
	254.5220956	-45.8938696	0.9910	0.0178	0.354	0.022	-2.432
	265.1046960	-32.1031188	2.1792	0.0179	-1.798	0.020	-5.739
	244.7069608	-57.9084355	0.9805	0.0265	-1.362	0.031	-2.603
	255.5758826	-39.7032719	0.6856	0.0202	0.791	0.026	-0.736
Delta p	277.9285103	-19.0691184	1.4746	0.0183	-1.569	0.022	-6.411
marginal	169.9360023	-63.4865878	0.4204	0.0155	-6.905	0.018	2.127
positive	150.1895758	-54.7818819	0.0838	0.0453	-4.152	0.055	2.745
positive	282.7889077	-6.2604558	0.4976	0.0335	-1.598	0.024	-4.199
Delta p	97.9780217	4.9440127	0.6725	0.0159	-1.871	0.014	0.320
	77.0552283	40.7536408	1.1028	0.0206	-0.675	0.026	-3.718
	350.2764467	55.4355065	1.1842	0.0172	0.551	0.017	-1.730
	96.9726342	36.0547530	0.9029	0.0314	-0.441	0.030	-3.606
	102.5000597	29.5493072	3.0627	0.0251	-7.344	0.026	-9.819
	82.0005774	35.2788813	0.6040	0.0197	-0.180	0.023	-3.318
	56.3096886	29.7265039	2.4593	0.0266	2.541	0.022	-5.201
	305.2342942	38.0686857	1.1177	0.0140	3.031	0.014	-1.275
	91.2209332	20.9140844	1.0135	0.0204	1.536	0.024	-2.222
	93.4271821	26.6415626	1.1257	0.0208	1.177	0.020	-1.691
	324.7123956	41.7544785	1.5528	0.0205	-0.818	0.018	-5.512
	64.0320287	51.3320768	0.7959	0.0248	0.723	0.029	-1.937
	93.7599430	18.7532623	0.4822	0.0230	-0.098	0.025	-1.388
	63.8761726	51.2182685	0.9213	0.0237	2.140	0.028	-2.298
	306.6508061	42.7141760	0.5262	0.0101	0.216	0.010	-2.144
	79.9841923	39.3551813	0.3220	0.0202	0.461	0.026	-1.387
	325.9075115	49.6783254	0.4236	0.0173	-3.752	0.019	-3.378
	253.6858012	-41.7956846	0.6245	0.0341	-0.464	0.043	-1.990
	253.4669125	-41.8150331	0.5817	0.0205	-0.693	0.023	-2.025
	125.4265027	-42.0892536	0.6591	0.0121	-4.355	0.013	5.187
	326.0475631	53.7383801	0.2781	0.0185	-4.079	0.022	-4.086
	279.3769249	-19.6040197	1.7272	0.0217	-2.604	0.022	-6.596
	138.4428432	-56.4112024	2.2766	0.0227	-10.699	0.028	6.993
	12.7916745	41.1979310	2.9064	0.0167	6.189	0.014	-4.187
	179.2653333	-33.3154812	8.5308	0.0402	-51.398	0.041	-4.959
	119.0201045	-30.0441230	0.4678	0.0141	-2.536	0.012	2.020
B	211.8545370	-48.3118138	1.4143	0.0276	-6.808	0.028	-3.444
Delta p	73.9400115	-7.8938026	5.5866	0.0311	-3.230	0.032	0.822
	206.6492991	-62.9051555	0.6159	0.0131	-4.599	0.009	-2.403
	323.2920739	48.3033199	3.3251	0.0311	-8.080	0.031	-19.576
	97.0250109	-4.0702336	2.5774	0.0308	0.362	0.032	-4.074
	121.3127040	-46.7426455	2.9246	0.0184	-11.008	0.022	4.451
	54.5650704	47.5768586	5.8381	0.1103	21.888	0.113	-27.175
	111.9287849	-11.7960245	1.9330	0.0308	-6.150	0.027	-1.541
	142.9546052	-36.5376376	2.3889	0.0188	-0.166	0.015	-2.162
	256.4048168	-47.9164519	1.7128	0.0315	1.485	0.035	-5.125
	157.8053705	-42.2293850	5.5264	0.0306	-16.024	0.024	-7.345
	206.6484281	54.4326577	10.7417	0.0418	-18.559	0.041	-4.742
	108.4160797	-53.6678038	6.0840	0.0282	-9.023	0.035	2.344

51.2171934	47.9150119	5.5793	0.0254	22.687	0.026	-25.060
322.9265491	48.5845300	3.3241	0.0290	-7.769	0.028	-19.771
90.4506274	9.4942933	0.1186	0.0512	0.483	0.052	-0.195
83.2968548	30.3952021	0.5387	0.0288	0.861	0.034	-2.599
94.7898828	14.5222603	0.2498	0.0240	0.543	0.026	-1.923
77.7488086	36.4577810	0.6087	0.0200	1.073	0.022	-4.076
305.7257939	64.1840742	2.1286	0.0137	3.785	0.020	0.306
262.4089958	-35.7739850	1.1448	0.0169	-1.329	0.020	-3.725
268.4004885	-24.4352090	0.9381	0.0216	-0.084	0.024	-5.704
146.6785035	-55.3405045	1.5345	0.0199	-17.253	0.024	11.509
203.5302901	55.3484081	10.8300	0.0558	-19.066	0.048	-5.966
278.4616566	-14.4258298	3.2749	0.0310	-2.092	0.028	-8.719
301.2937247	16.6760904	4.2086	0.0220	2.016	0.020	-6.646
116.1791239	-38.0977049	2.7493	0.0180	-9.857	0.018	4.880
323.0280370	48.7163570	3.3215	0.0220	-7.353	0.023	-19.852
294.1940217	25.2883006	2.5020	0.0194	6.061	0.014	0.334
111.9538488	-12.6862545	1.9474	0.0204	-5.827	0.018	-1.069
276.7203929	6.4233222	2.4992	0.0313	1.177	0.044	-1.999
97.8201484	4.6238473	1.4875	0.0306	-1.874	0.031	-4.762
287.3995453	-18.9721038	1.1279	0.0329	-0.555	0.036	-5.323
138.7288694	-69.8669911	1.8625	0.0375	-7.285	0.049	8.010
278.8367692	-14.6854699	3.5467	0.0362	-2.704	0.035	-10.030
152.1224664	-57.7221644	1.7202	0.0456	-19.000	0.053	10.514
249.6288497	-39.1524244	5.7224	0.0331	-12.452	0.041	-21.168
79.4123228	7.1508072	2.4212	0.0423	2.331	0.047	-4.026
98.0690425	-35.9801233	1.4571	0.0196	-2.096	0.021	6.250
140.8431001	-49.5927993	1.8810	0.0253	-11.165	0.028	4.403
336.7299445	49.7119691	1.9035	0.0300	1.905	0.031	0.314
11.7972827	50.6546153	2.1785	0.0363	7.491	0.031	-2.856
98.7189569	8.3089630	0.7260	0.0157	0.691	0.020	-3.813
118.4959694	-45.6432508	3.0605	0.0227	-11.398	0.026	4.843
288.3722006	39.0377535	3.1896	0.0265	-4.616	0.030	2.560
270.0794878	-42.6164703	1.4466	0.0209	2.536	0.023	-2.629
353.9617821	52.6151140	2.3003	0.0187	8.736	0.016	-2.064
222.8748692	-77.1760168	3.5129	0.0280	-14.060	0.025	-10.327
92.8577023	-2.0072237	2.0794	0.0194	0.195	0.023	-3.764
146.2771957	-52.3619047	2.0229	0.0230	-12.656	0.025	3.990
326.9018317	-17.2947418	3.4180	0.0467	12.780	0.051	1.015
231.8896139	-29.5292524	2.6537	0.0212	-8.072	0.021	-5.074
98.0264856	-12.4434165	1.6069	0.0238	-2.370	0.023	-1.357
288.5565599	14.3917904	1.6775	0.0158	2.342	0.013	0.913
283.0187450	-20.6047744	1.3603	0.0257	-1.514	0.026	-5.751
92.1005154	13.9466245	1.0920	0.0445	-0.946	0.054	-1.548
105.7883574	-15.7842820	1.6923	0.0295	-6.357	0.021	-0.483
119.0944558	-61.2838769	2.4582	0.0166	-4.594	0.020	11.256
330.1666429	-6.4325132	2.9711	0.0407	16.391	0.046	1.180
88.0037259	33.5535824	1.3917	0.0238	1.939	0.027	-6.449
304.2164328	27.0548117	6.1340	0.0220	24.715	0.016	20.760
56.4495623	32.0162390	3.0693	0.0325	3.913	0.039	-5.655
81.6201036	30.3612915	1.0472	0.0224	-0.706	0.023	-4.580
80.9318106	-8.2895994	7.0268	0.0302	-0.589	0.027	-2.417

	90.1187255	-27.8884894	3.2528	0.0459	-7.081	0.041	0.082
	352.9291366	28.4034240	7.0059	0.0333	-30.510	0.030	-14.296
	157.6449619	-22.5211070	2.5155	0.0213	2.527	0.025	-5.221
	116.9728134	-52.5596756	1.7625	0.0212	-8.095	0.026	7.234
	322.9359891	48.4842664	3.3084	0.0249	-8.004	0.026	-19.684
	268.5159819	-34.7348676	3.5432	0.0245	3.171	0.028	-5.276
	315.0276394	48.6794552	6.3996	0.0247	13.845	0.029	3.274
	75.1662182	41.2700846	0.2050	0.0253	0.253	0.032	-1.009
	102.0868384	41.0840970	1.9770	0.0319	-2.920	0.034	-8.218
	129.9972042	-53.2608523	6.5470	0.0351	-23.783	0.040	24.012
	1.2118642	-29.6330262	4.2978	0.0341	19.342	0.042	2.916
	114.2843677	-14.5540704	2.0965	0.0335	-6.954	0.032	0.807
	72.3610910	10.9883906	2.4390	0.0165	-1.241	0.019	-1.283
	93.4297766	41.6972167	4.3238	0.0331	-3.923	0.033	-7.398
	83.2762249	42.3072850	1.9429	0.0250	-3.928	0.028	-1.545
Delta p	127.1261213	24.5412658	4.9783	0.0251	-12.170	0.026	-20.002
positive	118.7676335	-60.6399061	2.4252	0.0202	-3.712	0.031	11.337
	125.8788592	-41.0334248	2.9783	0.0182	-7.570	0.018	10.443
	127.5271960	-43.0447155	1.3598	0.0312	-8.676	0.030	8.943
	113.3728774	0.2696910	2.1315	0.0278	-1.761	0.031	-0.358
	200.9823734	54.9252591	40.2133	0.4623	122.467	0.335	-22.682
	72.1724579	10.8673003	2.4728	0.0171	-0.939	0.020	-2.072
	187.7522745	24.5671255	12.0785	0.1214	-12.474	0.082	-9.085
	282.0511941	-61.0052241	2.4376	0.0160	5.847	0.014	-26.006
	110.0514369	-20.1322411	1.7933	0.0168	-5.719	0.013	5.181
A5 SrCrEu, very peculiar	177.6063448	-55.6505137	0.4186	0.0163	-6.450	0.015	1.842
	67.1660805	15.8707845	21.8125	0.3735	106.148	0.434	-20.294
	117.9857742	-38.4136265	0.6910	0.0120	-2.468	0.014	0.764
	158.3883872	-46.9834017	3.1071	0.0169	-22.468	0.017	6.228
	121.4443344	-33.5692136	1.4748	0.0244	-7.395	0.022	5.561
	122.7569850	-37.2923528	0.7521	0.0325	-5.096	0.027	4.941
	130.6055958	-53.1138797	6.6507	0.0930	-24.545	0.094	23.532
	183.4399974	-62.9316085	0.4402	0.0213	-5.592	0.020	0.088
	150.4663411	-59.9819434	1.0039	0.0334	-7.271	0.044	3.823
	324.2701861	-19.4660090	3.6777	0.2002	11.978	0.234	0.497
	299.8140127	52.0557027	4.0354	0.0461	9.362	0.059	2.548
	94.8816393	18.5232145	0.5335	0.0241	-0.497	0.023	-1.347
	298.0346221	31.7961293	1.4487	0.0274	2.797	0.025	1.738
	352.3590684	59.6027217	2.1439	0.0141	5.939	0.015	-1.465
	100.3038864	9.5971825	1.3346	0.0354	-2.296	0.042	-3.698
	89.3872537	19.0088306	0.8919	0.0272	-0.204	0.032	-3.077
	105.3015200	22.3352515	1.0799	0.0359	1.280	0.036	-2.710
	298.2848303	26.1940436	1.8221	0.0197	2.348	0.015	-2.189
	333.7975153	49.7584419	1.1533	0.0168	0.466	0.019	-2.975
	92.3643858	24.2435109	1.1461	0.0291	2.237	0.033	-2.775
	119.0497554	-30.0420981	0.4854	0.0119	-2.499	0.010	2.117
	250.0654387	-43.3541004	0.6207	0.0147	1.700	0.019	-0.164
	61.9200422	62.2612714	0.9620	0.0115	-0.712	0.014	-1.144
	287.1821120	4.7144076	0.3461	0.0200	-1.508	0.020	-3.699
B	277.9356584	-19.1204655	1.5101	0.0223	-1.686	0.025	-5.826
	185.7056570	-57.6761832	9.6087	0.0722	-37.155	0.059	-11.919

Delta a
B8IVp

77.7445682	44.3245075	0.8920	0.0342	-0.822	0.041	-1.866
102.2564049	12.2459033	0.2474	0.0249	0.083	0.026	-0.326
82.7365530	38.4587753	1.2534	0.0251	-0.679	0.027	-1.992
52.3324400	31.4158037	3.4802	0.0237	6.582	0.029	-9.475
304.5287953	40.7182044	0.9636	0.0173	-2.462	0.019	-6.031
199.4937951	-56.1993587	1.0656	0.0402	-8.056	0.026	-2.811
138.1270453	-43.6131975	5.2721	0.0451	-22.431	0.044	12.917
253.5064162	-41.8236714	0.5850	0.0156	-0.666	0.018	-2.289
222.7206814	-66.5228993	2.4253	0.0256	-7.205	0.016	-11.156
47.3509007	60.4396131	1.8995	0.0193	-6.139	0.020	-1.572
251.6324269	-45.7654298	1.1923	0.0207	0.205	0.026	-4.110
123.7991719	-50.4389780	1.6143	0.0141	-5.721	0.017	7.509
245.5758258	-55.1216629	1.4344	0.0216	-1.834	0.023	-10.499
240.3341057	-60.5372886	1.2576	0.0238	-2.737	0.025	-2.893
97.6960544	10.0628772	1.6278	0.0436	-2.283	0.044	-5.091
94.9250651	19.8035774	1.1063	0.0176	1.034	0.022	-3.414
89.3559606	27.4481019	0.6672	0.0348	0.286	0.035	-2.318
18.2913318	61.7061590	5.3093	0.0713	25.610	0.055	-5.771
108.8277345	-31.9096605	1.5248	0.0411	-4.323	0.040	3.640
344.2340181	59.9617129	3.1636	0.0298	13.801	0.031	2.584
101.3128592	-20.9576859	1.3469	0.0382	-4.548	0.023	-1.453
175.6833387	18.2420378	3.1991	0.0596	-9.317	0.055	-1.491
97.1893484	19.4556713	0.2119	0.0267	-0.013	0.031	-0.295
74.9684641	38.1787691	0.8220	0.0188	-0.444	0.022	-2.991
95.3597069	29.2468676	1.3293	0.0326	0.392	0.029	-2.972
106.2896281	3.7641449	1.2787	0.0343	-5.061	0.040	-1.260
108.1793738	0.8862782	0.5442	0.0269	-1.838	0.037	-0.491
110.4838115	-37.4926890	1.5385	0.1707	-8.150	0.206	7.750
150.4239493	-60.1129234	1.0107	0.0241	-7.550	0.033	3.851
92.5585314	24.4124938	1.2155	0.0366	2.233	0.033	-2.804
119.1878949	-60.8150290	2.4885	0.0194	-4.719	0.025	11.331
118.9858335	-43.1918006	0.8565	0.0273	-3.929	0.032	5.645
193.3411861	-60.3284942	0.4436	0.0310	-4.536	0.024	-1.121
144.4780773	-80.3504142	2.6424	0.0214	-13.612	0.028	13.517
284.7193279	69.5313423	5.1153	0.0366	3.903	0.046	11.466
130.0346998	-51.9415151	2.8498	0.0319	-13.345	0.036	9.939
106.5923904	-7.3114936	0.8820	0.0965	-4.220	0.105	1.307
84.0099483	34.1141298	0.8523	0.0234	-0.224	0.026	-3.460
162.6331665	-55.9830703	1.9339	0.0239	-18.212	0.029	6.889
159.5729557	-65.0418833	6.6063	0.0300	-17.409	0.032	11.777
235.4987525	-64.2998928	1.7895	0.0247	-3.979	0.017	-5.396
161.1632463	-60.9656420	2.5656	0.0180	-15.338	0.021	2.328
317.7042390	38.2177224	1.8040	0.0260	0.541	0.024	-3.752
256.0388842	-37.7675083	2.1128	0.0196	-1.133	0.025	-9.565
125.0337637	-47.6601681	2.5159	0.0281	-10.260	0.034	9.150
84.8927472	-25.1481713	2.3397	0.0699	1.442	0.062	6.652
205.7529403	-38.3356887	1.3894	0.0613	-10.089	0.074	0.007
354.0044221	52.6325257	2.2573	0.0211	8.386	0.018	-1.995
244.9972798	-57.9078518	1.0369	0.0407	-1.675	0.044	-2.190
189.5657026	-61.6020267	1.8897	0.0366	-9.759	0.035	-3.617
102.9432358	0.4657262	1.1569	0.0299	-1.361	0.032	-2.242

229.7886811	-52.0671104	1.2688	0.0294	-3.620	0.029	-7.422
305.7263612	64.1829335	2.1291	0.0202	3.332	0.028	0.435
22.0236241	43.8774376	2.0609	0.1067	3.876	0.086	-4.531
201.2988162	-49.8297017	1.1638	0.0385	-8.739	0.035	-2.622
308.0536434	43.0659810	2.0241	0.0594	3.185	0.061	-0.603
240.5852006	-49.9691292	1.9790	0.0189	-7.526	0.019	-5.059
273.2641392	-18.3123189	1.7275	0.0321	0.684	0.033	-8.459
339.8455531	75.6576325	2.9785	0.0254	7.792	0.031	1.006
153.8932613	-49.2241086	3.5774	0.0319	-25.018	0.034	7.863
97.0448390	-4.8990376	3.1836	0.0448	-4.289	0.042	-1.503
272.4027285	-19.3575372	1.7715	0.0299	0.726	0.032	-8.533
268.3165982	-34.6208769	3.5661	0.0359	3.399	0.042	-6.060
40.5547296	42.6991916	1.9134	0.0417	0.877	0.048	-5.804
245.0228316	-20.0565075	7.6496	0.0297	-11.641	0.037	-24.776
86.7681430	28.2290833	1.4606	0.0249	1.734	0.026	-1.268
82.1254268	34.3358551	0.7964	0.0187	-1.554	0.021	-4.614
80.2257946	30.0962656	1.2478	0.0228	3.287	0.024	-5.975
119.5120868	-60.6147365	2.4073	0.0312	-5.023	0.037	11.201
86.9769087	35.2391646	1.4202	0.0214	1.942	0.021	-6.480
58.1030673	34.4635214	2.5408	0.0228	3.520	0.025	-4.511
357.8390382	-18.9091817	9.9804	0.1542	27.346	0.177	-3.941
57.4919880	23.8484873	7.3890	0.0383	18.378	0.046	-45.870
211.8970419	-48.3301273	1.4015	0.0315	-6.682	0.033	-3.346
87.9215606	33.9809937	1.3612	0.0194	2.287	0.023	-6.902
86.9389786	27.1675141	1.1040	0.0239	-0.319	0.030	-0.988
87.4192821	26.9422152	1.0778	0.0236	-0.470	0.028	-0.698
82.0741888	34.1198822	0.7280	0.2729	-1.644	0.284	-4.642
114.1074406	-14.4854608	2.1182	0.0203	-7.104	0.019	1.110
98.4950353	-48.1505289	2.1283	0.0220	-6.643	0.028	10.494
102.0921372	40.9624880	1.8537	0.0383	-2.910	0.044	-8.313
100.3969324	-5.7694595	0.8634	0.0179	-0.144	0.020	-1.099
62.3167453	52.8967693	0.3200	0.0221	-0.283	0.024	-0.379
58.0762374	52.4715178	0.4320	0.0237	0.961	0.024	-1.570
76.1863676	52.8551540	1.1057	0.0158	0.024	0.022	-1.394
95.0108501	1.8715340	0.3739	0.0171	0.670	0.018	-2.296
97.2036383	16.8698767	0.1541	0.0270	0.479	0.026	-0.046
80.0340100	39.3824537	0.3236	0.0219	0.500	0.031	-1.297
169.9300279	-63.4815790	0.4462	0.0149	-6.847	0.016	2.359
87.2625154	17.8013918	0.5377	0.0235	1.122	0.024	-2.640
337.0444010	52.3038662	0.3829	0.0133	-2.927	0.016	-2.724
94.7969387	18.6228363	0.6053	0.0188	-0.612	0.023	-1.422
91.0696855	22.0407038	0.3201	0.0199	0.857	0.025	-1.525
102.0783000	20.0929010	1.3164	0.0311	0.570	0.035	-1.367
72.0251823	52.6062239	3.3134	0.0178	9.323	0.017	-16.975
94.9494918	22.3188310	0.5768	0.0227	0.512	0.020	-2.449
101.7679959	7.5243683	0.6888	0.0120	-0.423	0.013	-2.214
87.8383975	25.5242084	0.9431	0.0315	-0.260	0.029	-2.548
330.8911355	48.1916256	0.4437	0.0170	-2.521	0.019	-3.081
64.2460063	50.9513118	0.9217	0.0280	2.029	0.028	-2.324
315.1193295	30.1592223	1.1848	0.0200	1.077	0.013	-4.783
92.0529125	-6.1956720	1.2045	0.0172	-2.892	0.018	0.822

91.2699666	-2.6352201	1.7602	0.0392	-0.777	0.037	0.363
22.4555910	62.6441038	0.3481	0.0128	-1.644	0.009	-0.333
92.7665315	17.2745877	1.7363	0.0417	-0.613	0.038	-4.509
92.0863806	5.2204019	0.4711	0.0168	0.047	0.019	-1.392
91.7761128	5.0217041	0.3965	0.0180	0.024	0.022	-1.333
73.7687379	23.1561736	0.7511	0.0231	1.618	0.027	-6.032
63.7812199	51.1060224	0.9911	0.0148	2.242	0.016	-2.165
302.4654362	35.5716868	0.5422	0.0130	-3.097	0.013	-6.877
325.3526121	37.2330115	1.1209	0.0244	-4.102	0.020	-6.866
80.9632208	34.1105950	0.3753	0.0163	0.288	0.018	-3.152
99.9485516	-3.6875629	0.4585	0.0197	0.191	0.017	-0.608
99.0296878	17.2117813	0.2145	0.0277	-0.147	0.031	-0.335
71.4730530	41.5025008	0.2956	0.0207	-0.089	0.026	-1.345
330.0334677	46.3118264	0.4212	0.0144	-6.257	0.015	-4.626
303.2392761	35.8774649	0.2720	0.0163	-2.448	0.016	-4.560
66.2331069	44.3263135	0.3451	0.0215	-0.522	0.021	-1.018
71.3181662	41.4504381	0.2741	0.0210	-0.219	0.024	-1.336
298.1542846	29.3859255	0.2802	0.0137	-2.490	0.012	-5.089
85.4840356	27.3004018	0.7733	0.0182	-0.157	0.025	-4.455
105.5347170	-1.9077618	0.2599	0.0154	-0.882	0.017	0.848
72.2290465	41.6548598	0.9578	0.0236	-0.847	0.028	-3.044
338.8886836	57.4718156	0.3346	0.0137	-2.855	0.015	-2.289
34.8833918	57.1217896	0.3881	0.0153	-0.617	0.012	-1.172
343.0343862	58.3286992	0.3255	0.0155	-2.634	0.017	-2.002
27.6258720	62.3906065	0.3344	0.0169	-1.100	0.013	-0.275
8.1731981	61.8003871	0.2831	0.0154	-2.319	0.014	-0.880
327.9559699	51.4296369	0.5055	0.0153	-2.494	0.018	-3.326
26.3597162	60.6094855	0.2450	0.0191	-0.837	0.012	-0.297
300.3318914	33.6158170	0.2931	0.0229	-2.326	0.021	-5.026
19.3939137	61.3002497	0.3158	0.0173	-0.318	0.014	-0.379
29.8411331	60.7229317	0.7789	0.0143	-1.793	0.010	-0.356
67.2765449	44.4080960	0.3501	0.0205	0.339	0.021	-1.288
7.6026559	59.4984500	0.6032	0.0130	-2.009	0.012	-2.173
53.0965398	52.4778809	0.4016	0.0228	0.855	0.022	-1.995
243.2308309	-52.3582985	0.3715	0.0208	-4.440	0.022	-4.584
303.6335368	41.1772103	0.5140	0.0150	-3.962	0.016	-4.526
91.5265716	37.3801820	0.7491	0.0164	0.828	0.016	-4.433
102.7132394	1.2965888	0.1975	0.0394	-0.505	0.035	-0.101
101.0647725	2.5768291	0.6577	0.0198	-1.646	0.018	0.787
99.2978462	6.0570636	0.6677	0.0249	-1.589	0.026	0.576
100.0349308	13.4563269	0.2265	0.0440	0.173	0.048	-0.608
94.8562983	15.3365834	0.2395	0.0409	0.065	0.053	-0.421
96.3690695	17.6868095	0.2672	0.0354	0.201	0.037	-0.905
299.8584800	30.0577509	0.2028	0.0261	-3.351	0.024	-6.159
303.6689715	34.7628443	0.3419	0.0252	-1.139	0.024	-3.469
68.6809646	47.2596881	0.3319	0.0317	-0.668	0.035	-0.987
7.4993755	62.8208064	0.2408	0.0238	-2.047	0.022	-0.423
7.5238997	62.8426467	0.2289	0.0247	-2.032	0.023	-0.313
243.2290137	-52.4003052	0.3731	0.0282	-4.359	0.030	-4.612
287.1823930	4.7151176	0.3016	0.0338	-1.582	0.033	-3.821
292.6385749	20.2546906	0.3816	0.0351	-2.845	0.034	-6.496

282.5219824	-24.2340330	1.8976	0.0157	-3.133	0.019	-8.003
356.6529685	36.1142344	2.7946	0.0166	-4.408	0.016	-13.068
29.3213021	37.4357734	2.2405	0.0166	9.617	0.017	-11.828
279.3775556	5.0484327	2.1545	0.0185	1.192	0.023	-5.158
76.0797052	23.6060128	1.0984	0.0155	3.142	0.019	-3.655
93.1008171	14.5547101	0.4164	0.0203	-0.034	0.023	-3.068
53.1911780	51.5529284	0.3239	0.0189	0.366	0.020	-1.548
92.5889940	12.7395846	0.2272	0.0303	-0.650	0.024	-0.676
82.0302491	32.7251037	0.5954	0.0197	1.408	0.022	-3.644
123.2367923	-22.0515452	0.9246	0.0238	-1.194	0.018	0.392
190.7673070	-66.3645277	2.4579	0.0153	-13.481	0.014	-3.390
253.8685837	-39.4525247	0.7422	0.0204	1.159	0.025	-0.719

e_pmDE	2MASS	J	e_j	H	e_H	K	e_K	Qf	Rf	Bf	Xf	Af
0.016	11194401-6328557	12.644	0.036	12.498	0.043	12.455	0.041	AAA	222	111	ccc	0
0.012	23242719+6132368	11.559	0.023	11.459	0.024	11.396	0.025	AAA	222	111	0	0
0.020	11194204-6328337	13.503	0.059	13.355	0.071	13.251	0.069	AAA	222	111	ccc	0
0.017	16580530-4553378	11.250	0.026	11.066	0.025	11.060	0.025	AAA	222	111	0	0
0.011	17402512-3206110	10.239	0.023	10.098	0.026	10.013	0.026	AAA	222	111	0	0
0.023	16184967-5754303	9.702	0.022	9.751	0.024	9.695	0.023	AAA	222	111	0	0
0.025	17021821-3942117	11.820	0.062	11.678	0.083	11.559	0.059	AAA	222	222	ccc	0
0.018	18314284-1904087	11.085	0.024	10.935	0.024	10.812	0.021	AAA	222	111	0	0
0.018	11194465-6329117	13.198	0.058	13.064	0.118	12.961	0.085	AEA	222	212	ccc	0
0.045	10004549-5446548	14.721	0.140	14.389	0.154	14.202	0.086	BBA	222	111	ccc	0
0.021	18510933-0615375	10.770	0.040	10.126	0.000	9.899	0.000	EUU	200	100	0	0
0.013	06315472+0456383	11.170	0.056	10.996	0.062	10.865	0.044	AAA	222	111	ccc	0
0.019	05081324+4045132	10.097	0.023	10.155	0.026	10.113	0.022	AAA	222	111	0	0
0.015	23210635+5526079	11.040	0.022	11.035	0.023	11.018	0.018	AAA	222	111	0	0
0.023	06275344+3603171	11.274	0.022	11.245	0.022	11.237	0.017	AAA	222	111	0	0
0.021	06500002+2932576	8.856	0.020	8.940	0.024	8.954	0.022	AAA	122	111	0	0
0.017	05280013+3516440	11.949	0.021	11.789	0.016	11.737	0.020	AAA	222	111	0	0
0.015	03451432+2943355	9.547	0.027	9.509	0.030	9.453	0.019	AAA	222	111	0	0
0.015	20205622+3804073	10.369	0.022	10.357	0.018	10.313	0.014	AAA	222	111	0	0
0.016	06045302+2054507	10.351	0.022	10.348	0.024	10.343	0.019	AAA	222	111	0	0
0.015	06134252+2638296	10.376	0.022	10.377	0.016	10.336	0.017	AAA	222	111	0	0
0.020	21385097+4145162	9.862	0.022	9.907	0.029	9.899	0.021	AAA	222	111	0	0
0.022	04160769+5119555	11.270	0.022	11.248	0.021	11.218	0.020	AAA	222	111	0	0
0.019	06150238+1845117	11.532	0.022	11.378	0.018	11.309	0.020	AAA	222	111	0	0
0.022	04153028+5113058	11.145	0.022	11.079	0.021	11.041	0.019	AAA	222	111	0	0
0.012	20263618+4242510	11.442	0.027	11.283	0.037	11.158	0.029	AAA	222	111	ccc	0
0.018	05195620+3921187	13.500	0.026	13.342	0.034	13.231	0.033	AAA	222	111	0	0
0.016	21433780+4940419	13.542	0.032	13.393	0.038	13.356	0.045	AAA	222	111	0	0
0.034	16544460-4147444	12.378	0.022	12.151	0.023	12.041	0.024	AAA	222	111	0	0
0.019	16535205-4148541	11.378	0.029	11.275	0.035	11.238	0.034	AAA	222	111	0	0
0.015	08214236-4205214	11.659	0.028	11.321	0.024	11.125	0.021	AAA	222	111	0	0
0.019	21441141+5344183	13.217	0.033	13.057	0.042	12.863	0.039	AAA	222	111	0	0
0.017	18373046-1936145	9.356	0.025	9.285	0.021	9.256	0.020	AAA	222	111	0	0
0.028	09134629-5624404	9.286	0.024	9.312	0.022	9.359	0.024	AAA	222	111	0	0
0.013	00510999+4111526	9.603	0.029	9.605	0.035	9.547	0.026	AAA	222	222	ccc	0
0.029	11570375-3318557	6.218	0.023	6.297	0.038	6.278	0.024	AAA	111	111	0	0
0.014	07560483-3002389	12.934	0.026	12.754	0.023	12.695	0.026	AAA	222	111	0	0
0.031	14072510-4818424	9.885	0.021	9.926	0.028	9.883	0.023	AAA	222	111	0	0
0.028	04554560-0753376	7.710	0.023	7.703	0.042	7.656	0.029	AAA	111	111	0	0
0.011	13463584-6254184	12.181	0.000	12.568	0.094	12.525	0.119	UAB	622	33	Occ	0
0.032	21331009+4818121	6.697	0.026	6.778	0.049	6.728	0.020	AAA	111	111	0	0
0.028	06280600-0404127	9.300	0.024	9.311	0.026	9.340	0.023	AAA	222	111	0	0
0.024	08051506-4644336	9.064	0.023	9.100	0.021	9.123	0.021	AAA	122	111	0	0
0.094	03381557+4734372	7.363	0.023	7.393	0.023	7.375	0.021	AAA	111	111	0	0
0.025	07274291-1147456	9.662	0.022	9.714	0.026	9.685	0.019	AAA	222	111	0	0
0.016	09314910-3632154	9.151	0.027	9.155	0.022	9.131	0.021	AAA	122	111	0	0
0.032	17053715-4754590	9.549	0.024	9.523	0.027	9.490	0.021	AAA	222	111	0	0
0.030	10311332-4213457	7.425	0.023	7.471	0.024	7.459	0.017	AAA	111	111	0	0
0.039	13463567+5425576	5.707	0.035	5.777	0.016	5.758	0.016	AAA	111	111	0	0
0.038	07133987-5340041	6.775	0.023	6.877	0.029	6.838	0.023	AAA	111	111	0	0

0.026	03245209+4754544	7.320	0.017	7.334	0.020	7.312	0.018	AAA	111	111	0	0
0.029	21314238+4835044	6.826	0.020	6.846	0.031	6.890	0.021	AAA	111	111	0	0
0.041	06014815+0929394	15.272	0.051	15.210	0.096	15.095	0.167	AAC	222	111	ccc	0
0.022	05331124+3023428	13.279	0.025	13.040	0.025	12.844	0.025	AAA	222	111	0	0
0.021	06190956+1431202	13.759	0.024	13.579	0.038	13.489	0.042	AAA	222	111	0	0
0.017	05105970+3627281	13.017	0.019	12.852	0.024	12.687	0.022	AAA	222	111	0	0
0.017	20225417+6411026	8.853	0.024	9.396	0.027	9.384	0.023	AAA	122	122	ccc	0
0.014	17293816-3546262	9.164	0.023	9.153	0.035	9.101	0.032	AAA	222	111	0	0
0.015	17533611-2426067	9.155	0.025	9.023	0.027	8.833	0.020	AAA	222	111	0	0
0.020	09464286-5520260	8.705	0.024	8.690	0.055	8.669	0.021	AAA	112	111	0	0
0.051	13340732+5520546	5.600	0.027	5.653	0.020	5.635	0.021	AAA	111	111	0	0
0.024	18335080-1425328	7.285	0.021	7.281	0.053	7.230	0.027	AAA	111	111	0	0
0.016	20051048+1640341	8.613	0.041	8.547	0.029	8.570	0.033	AAA	111	111	0	0
0.021	07444299-3805517	8.354	0.020	8.394	0.044	8.319	0.036	AAA	111	111	0	0
0.022	21320674+4842591	8.435	0.019	8.532	0.053	8.526	0.018	AAA	112	111	0	0
0.019	19364655+2517179	9.006	0.021	8.938	0.038	8.904	0.018	AAA	212	111	0	0
0.017	07274893-1241105	9.427	0.022	9.458	0.023	9.464	0.023	AAA	222	111	0	0
0.042	18265289+0625235	7.287	0.037	7.254	0.042	7.241	0.020	AAA	111	111	0	0
0.028	06311683+0437259	9.020	0.023	9.131	0.023	9.115	0.021	AAA	122	111	0	0
0.031	19093589-1858195	9.088	0.027	9.077	0.022	9.077	0.021	AAA	122	111	0	0
0.043	09145495-6952012	9.682	0.026	9.671	0.026	9.682	0.019	AAA	222	111	0	0
0.034	18352082-1441076	7.642	0.027	7.592	0.046	7.549	0.018	AAA	111	111	Oss	0
0.052	10082942-5743199	8.641	0.020	8.650	0.038	8.659	0.023	AAA	112	111	0	0
0.036	16383094-3909083	6.883	0.021	6.927	0.029	6.926	0.026	AAA	111	111	0	0
0.029	05173894+0709029	8.607	0.032	8.564	0.021	8.603	0.021	AAA	112	111	0	0
0.025	06321657-3558485	10.131	0.026	10.210	0.025	10.194	0.023	AAA	222	111	0	0
0.028	09232236-4935341	9.712	0.026	9.721	0.023	9.699	0.019	AAA	222	111	0	0
0.028	22265518+4942429	8.120	0.020	8.163	0.018	8.154	0.015	AAA	112	111	0	0
0.026	00471132+5039166	8.577	0.030	8.639	0.029	8.650	0.019	AAA	112	111	0	0
0.017	06345254+0818323	10.435	0.027	10.461	0.027	10.392	0.026	AAA	222	111	0	0
0.027	07535904-4538357	8.881	0.032	8.945	0.049	8.905	0.019	AAA	112	111	0	0
0.033	19132933+3902159	8.131	0.019	8.238	0.017	8.235	0.024	AAA	111	111	0	0
0.016	18001907-4236593	9.360	0.024	9.380	0.022	9.346	0.024	AAA	222	111	0	0
0.016	23355080+5236543	8.687	0.021	8.724	0.018	8.742	0.018	AAA	112	111	0	0
0.034	14513006-7710336	6.428	0.019	6.487	0.029	6.460	0.024	AAA	111	111	0	0
0.019	06112584-0200258	8.755	0.024	8.795	0.033	8.800	0.019	AAA	112	111	sss	0
0.024	09450654-5221429	9.481	0.026	9.526	0.022	9.565	0.024	AAA	222	111	0	0
0.047	21473641-1717410	7.848	0.029	7.957	0.033	7.938	0.026	AAA	111	111	d0d	0
0.017	15273351-2931450	8.843	0.023	8.853	0.042	8.779	0.021	AAA	112	111	0	0
0.023	06320635-1226361	10.112	0.023	10.190	0.022	10.168	0.019	AAA	222	111	0	0
0.013	19141356+1423304	8.853	0.020	8.837	0.038	8.797	0.018	AAA	112	111	0	0
0.023	18520450-2036171	8.819	0.024	8.856	0.024	8.850	0.023	AAA	122	111	0	0
0.034	06082412+1356478	10.458	0.023	10.382	0.021	10.357	0.020	AAA	222	111	0	0
0.022	07030921-1547033	9.808	0.026	9.867	0.024	9.867	0.019	AAA	222	111	0	0
0.021	07562268-6117022	9.194	0.023	9.184	0.022	9.194	0.023	AAA	222	111	0	0
0.038	22003996-0625569	8.828	0.018	8.921	0.025	8.907	0.021	AAA	122	111	0	0
0.015	05520089+3333130	8.582	0.044	8.469	0.033	8.431	0.016	AAA	111	111	0	0
0.019	20165192+2703169	7.498	0.019	7.474	0.021	7.438	0.023	AAA	111	111	0	0
0.025	03454789+3200585	8.574	0.026	8.498	0.024	8.394	0.017	AAA	112	111	0	0
0.018	05262882+3021408	11.065	0.023	11.057	0.024	11.009	0.023	AAA	222	111	0	0
0.021	05234363-0817224	7.445	0.021	7.496	0.046	7.446	0.024	AAA	111	111	0	0

0.046	06002850-2753186	8.139	0.024	8.131	0.031	8.123	0.016	AAA	111	111	0	0
0.023	23314303+2824126	6.262	0.021	6.318	0.026	6.309	0.017	AAA	111	111	0	0
0.023	10303478-2231159	9.353	0.022	9.366	0.025	9.348	0.023	AAA	222	111	0	0
0.024	07475348-5233348	10.408	0.028	10.418	0.023	10.373	0.021	AAA	222	111	0	0
0.029	21314463+4829036	7.633	0.032	7.608	0.038	7.668	0.021	AAA	111	111	0	0
0.018	17540382-3444055	8.195	0.023	8.186	0.046	8.155	0.021	AAA	111	111	0	0
0.028	21000662+4840460	7.208	0.018	7.271	0.020	7.264	0.016	AAA	111	111	0	0
0.025	05003988+4116122	14.114	0.039	13.929	0.057	14.185	0.069	AAA	222	111	0	0
0.027	06482082+4105028	8.662	0.020	8.724	0.019	8.645	0.018	AEE	122	111	0	0
0.043	08395937-5315393	7.212	0.021	7.254	0.036	7.160	0.021	AAA	111	111	0	0
0.028	00045082-2937589	8.275	0.018	8.325	0.029	8.273	0.022	AAA	112	111	0	0
0.029	07370825-1433146	10.195	0.024	10.186	0.023	10.125	0.019	AAA	222	111	0	0
0.013	04492666+1059180	8.256	0.020	8.174	0.017	8.118	0.022	AAA	112	111	0	0
0.028	06134315+4141501	6.824	0.027	6.859	0.049	6.843	0.018	AAA	111	111	0	0
0.021	05330629+4218263	10.489	0.023	10.460	0.027	10.411	0.021	AAA	222	111	0	0
0.019	08283028+2432289	8.211	0.021	8.206	0.018	8.153	0.026	AAA	111	111	0	0
0.029	07550424-6038237	10.044	0.024	9.973	0.026	9.945	0.022	AAA	222	111	0	0
0.023	08233093-4102004	9.489	0.026	9.481	0.024	9.416	0.019	AAA	222	111	0	0
0.041	08300653-4302411	10.162	0.024	10.257	0.025	10.239	0.025	AAA	222	111	0	0
0.026	07332949+0016108	9.042	0.032	9.052	0.022	9.029	0.023	AAA	122	111	0	0
0.751	13235563+5455292	1.320	0.532	1.152	0.650	1.603	9.996	DDF	333	111	0	0
0.014	04484139+1052022	8.386	0.023	8.266	0.040	8.157	0.021	AAA	111	111	0	0
0.128	12310056+2434018	5.293	0.037	5.308	0.027	5.269	0.017	EAA	111	111	0	0
0.013	18481224-6100181	9.873	0.030	9.710	0.035	9.598	0.023	AAA	222	111	0	0
0.015	07201235-2007561	9.278	0.029	9.124	0.022	9.094	0.021	AAA	122	111	0	0
0.015	11502553-5539018	13.321	0.026	13.193	0.032	13.190	0.045	AAA	222	111	0	0
0.314	04283971+1552151	2.994	0.206	2.997	0.212	2.880	0.264	CCD	333	111	0	0
0.014	07515658-3824490	12.343	0.023	12.152	0.027	12.076	0.026	AAA	222	111	0	0
0.016	10333325-4659003	9.552	0.024	9.494	0.024	9.439	0.025	AAA	222	111	0	0
0.028	08054664-3334092	8.674	0.029	8.775	0.046	8.783	0.024	AAA	112	111	ddd	0
0.040	08110168-3717324	6.431	0.026	6.444	0.034	6.474	0.029	AAA	111	111	0	0
0.119	08422538-5306501	5.197	0.017	5.268	0.027	5.263	0.021	EAA	111	111	0	0
0.022	12134563-6255538	8.020	0.000	7.963	0.000	7.579	0.021	UUA	661	1	00c	0
0.036	10015193-5958550	8.416	0.032	8.514	0.061	8.513	0.036	AAA	111	111	0	0
0.115	21370483-1927580	4.871	0.037	4.909	0.036	4.788	0.020	EAA	111	111	0	0
0.059	19591536+5203206	6.458	0.041	6.527	0.027	6.639	0.024	AAA	111	111	0	0
0.018	06193159+1831236	11.116	0.021	11.137	0.033	11.113	0.021	AAA	222	111	0	0
0.028	19520830+3147459	8.849	0.030	8.954	0.031	8.903	0.016	AAA	112	111	0	0
0.014	23292616+5936097	9.546	0.022	9.461	0.032	9.432	0.024	AAA	222	111	s00	0
0.035	06411293+0935499	9.366	0.026	9.397	0.023	9.376	0.021	AAA	222	111	0	0
0.022	05573293+1900319	10.376	0.020	10.399	0.021	10.412	0.018	AAA	222	111	0	0
0.031	07011236+2220069	9.486	0.021	9.547	0.025	9.566	0.018	AAA	222	111	0	0
0.020	19530836+2611385	9.500	0.019	9.527	0.019	9.515	0.015	AAA	222	111	0	0
0.018	22151140+4945304	9.838	0.019	9.897	0.028	9.863	0.025	AAA	222	111	0	0
0.021	06092746+2414366	8.398	0.019	8.400	0.015	8.379	0.024	AAA	111	111	0	0
0.012	07561194-3002315	12.018	0.031	11.858	0.029	11.760	0.027	AAA	222	111	0	0
0.015	16401570-4321148	11.796	0.026	11.615	0.039	11.592	0.034	AAA	222	111	0	0
0.011	04074082+6215406	11.213	0.022	11.060	0.021	11.038	0.016	AAA	222	111	ss0	0
0.018	19084372+0442524	11.639	0.057	11.413	0.065	10.966	0.062	EEE	222	111	0	0
0.019	18314455-1907135	9.261	0.024	9.135	0.021	9.025	0.019	AAA	122	111	0	0
0.068	12224942-5740339	5.591	0.018	5.595	0.029	5.636	0.016	AAA	111	111	0	0

0.033	05105869+4419282	10.872	0.024	10.769	0.027	10.789	0.019	AAA	222	111	0	0
0.022	06490154+1214452	14.129	0.032	14.025	0.043	14.037	0.044	AAA	222	111	0	0
0.020	05305677+3827316	9.760	0.020	9.778	0.016	9.791	0.016	AAA	222	111	0	0
0.019	03291977+3124572	8.833	0.020	8.538	0.038	8.351	0.023	AAA	111	111	0	0
0.020	20180691+4043055	10.681	0.022	10.649	0.018	10.568	0.018	AAA	222	112	00c	0
0.030	13175853-5611576	10.199	0.024	10.232	0.023	10.253	0.022	AAA	222	111	0	0
0.052	09123046-4336476	5.774	0.029	5.867	0.033	5.863	0.031	AAA	111	111	00d	0
0.017	16540154-4149251	12.069	0.029	11.919	0.034	11.853	0.030	AAA	222	111	0	0
0.025	14505298-6631222	8.833	0.024	8.862	0.024	8.879	0.023	AAA	122	111	0	0
0.025	03092422+6026226	8.917	0.026	8.937	0.018	8.867	0.016	AAA	112	111	0	0
0.022	16463177-4545555	9.082	0.023	9.122	0.027	9.088	0.030	AAA	122	111	0	0
0.017	08151180-5026204	8.890	0.024	8.905	0.042	8.849	0.023	AAA	112	111	0	0
0.018	16221820-5507177	9.774	0.024	9.792	0.026	9.769	0.023	AAA	222	111	0	0
0.021	16012018-6032141	9.992	0.023	10.007	0.022	10.038	0.024	AAA	222	111	0	0
0.035	06304705+1003469	9.325	0.032	9.419	0.035	9.385	0.030	AEA	222	111	0	0
0.015	06194201+1948130	10.511	0.019	10.527	0.029	10.496	0.022	AAA	222	111	s0s	0
0.024	05572542+2726532	12.050	0.024	11.980	0.026	11.925	0.021	AAA	222	111	0	0
0.073	01130978+6142223	6.228	0.021	6.228	0.020	6.220	0.024	AAA	111	111	0	0
0.042	07151866-3154348	9.355	0.024	9.387	0.023	9.403	0.021	AAA	222	111	0	0
0.030	22565612+5957421	7.312	0.018	7.395	0.026	7.416	0.016	AAA	111	111	0	0
0.035	06451509-2057276	10.225	0.023	10.240	0.023	10.249	0.023	AAA	222	111	0	0
0.041	11424401+1814312	7.599	0.020	7.713	0.020	7.757	0.017	AAA	111	111	0	0
0.024	06284544+1927203	14.485	0.035	14.543	0.075	14.540	0.090	AAA	222	111	0	0
0.017	04595243+3810436	11.594	0.021	11.543	0.018	11.510	0.018	AAA	222	111	0	0
0.021	06212632+2914487	9.549	0.024	9.572	0.024	9.523	0.023	AAA	222	111	0	0
0.035	07050951+0345509	10.373	0.024	10.406	0.023	10.380	0.023	AAA	222	111	0	0
0.041	07124304+0053106	12.136	0.027	12.158	0.025	12.162	0.032	AAA	222	111	0	0
0.171	07215614-3729334	9.180	0.026	9.162	0.027	9.136	0.023	AAA	222	111	0	0
0.026	10014177-6006465	7.677	0.024	7.681	0.057	7.659	0.027	AAA	111	111	0	0
0.024	06101404+2424450	10.142	0.022	10.119	0.022	10.083	0.021	AAA	222	111	0	0
0.023	07564511-6048541	8.236	0.023	8.345	0.084	8.230	0.031	AAA	111	111	0	0
0.031	07555660-4311305	10.020	0.024	10.066	0.026	10.077	0.023	AAA	222	111	0	0
0.029	12532189-6019424	4.863	0.037	4.807	0.234	4.641	0.021	EDA	131	111	0d0	0
0.029	09375486-8021016	7.821	0.023	7.874	0.034	7.852	0.018	AAA	111	111	0	0
0.041	18585261+6931525	6.753	0.027	6.831	0.016	6.881	0.020	AAA	111	111	0	0
0.037	08400835-5156296	7.634	0.026	7.707	0.044	7.691	0.024	AAA	111	111	0	0
0.094	07062217-0718414	9.719	0.023	9.796	0.026	9.744	0.023	AAA	222	111	0	0
0.019	05360239+3406508	9.874	0.022	9.885	0.020	9.890	0.017	AAA	222	111	0	0
0.025	10503199-5558592	8.926	0.026	8.970	0.027	8.971	0.024	AAA	222	111	0	0
0.031	10381755-6502310	6.809	0.021	6.893	0.034	6.863	0.020	AAA	111	111	0	0
0.025	15415971-6417595	8.612	0.021	8.612	0.036	8.593	0.024	AAA	112	111	0	0
0.019	10443921-6057563	8.671	0.020	8.692	0.047	8.682	0.020	AAA	112	111	0	0
0.024	21104901+3813038	8.878	0.021	8.906	0.018	8.913	0.013	AAA	122	111	0	0
0.017	17040933-3746029	8.486	0.021	8.479	0.021	8.480	0.023	AAA	112	111	0	0
0.033	08200812-4739367	8.432	0.026	8.548	0.061	8.557	0.023	AAA	112	111	0	0
0.069	05393429-2508534	8.154	0.024	8.202	0.042	8.397	0.036	AAE	112	111	0	0
0.043	13430072-3820084	8.982	0.029	9.053	0.024	9.053	0.022	AAA	122	111	0	0
0.018	23360104+5237571	9.158	0.030	9.251	0.021	9.271	0.018	AAA	122	111	0	0
0.036	16195934-5754282	10.107	0.026	10.114	0.022	10.119	0.021	AAA	222	111	0	0
0.037	12381580-6136071	8.111	0.019	8.115	0.031	8.058	0.024	AAA	111	111	0	0
0.028	06514637+0027566	9.250	0.029	9.245	0.024	9.281	0.027	AAA	222	111	0	0

0.034	15190928-5204014	10.063	0.024	10.073	0.025	10.077	0.023	AAA	222	111	0	0
0.024	20225430+6410586	8.632	0.026	8.877	0.037	8.821	0.036	AAA	122	122	ccc	0
0.087	01280566+4352387	8.274	0.020	8.365	0.024	8.375	0.019	AAA	112	111	0	0
0.038	13251172-4949468	10.414	0.024	10.459	0.022	10.465	0.019	AAA	222	111	0	0
0.064	20321287+4303574	9.154	0.020	9.214	0.024	9.181	0.014	AAA	122	111	0	0
0.015	16022045-4958087	9.696	0.031	9.675	0.037	9.637	0.036	AAA	222	222	ccc	0
0.025	18130339-1818441	8.749	0.018	8.817	0.030	8.811	0.030	AAA	122	111	0	0
0.030	22392289+7539274	8.136	0.020	8.164	0.020	8.199	0.026	AAA	111	111	0	0
0.035	10153442-4913271	7.966	0.026	8.077	0.021	8.061	0.031	AAA	111	111	0	0
0.045	06281076-0453566	8.150	0.027	8.207	0.046	8.237	0.018	AAA	111	111	0	0
0.025	18093665-1921269	7.944	0.023	7.943	0.051	7.921	0.024	AAA	111	111	0	0
0.026	17531596-3437151	6.872	0.023	6.906	0.031	6.872	0.021	AAA	111	111	0	0
0.044	02421315+4241574	7.921	0.019	7.961	0.029	7.963	0.018	AAA	111	111	0	0
0.028	16200549-2003228	6.754	0.021	6.750	0.036	6.677	0.018	AAA	111	111	0	0
0.017	05470435+2813447	8.847	0.021	8.885	0.016	8.862	0.017	AAA	112	111	0	0
0.016	05283010+3420091	10.251	0.018	10.225	0.018	10.184	0.018	AAA	222	111	0	0
0.017	05205418+3005467	10.666	0.021	10.611	0.021	10.520	0.017	AAA	222	111	0	0
0.031	07580290-6036531	7.648	0.020	7.729	0.036	7.697	0.020	AAA	111	111	0	0
0.014	05475445+3514210	9.045	0.023	9.015	0.022	8.972	0.018	AAA	122	111	0	0
0.020	03522472+3427488	9.251	0.021	9.255	0.020	9.218	0.017	AAA	222	111	0	0
0.097	23512132-1854327	5.416	0.024	5.507	0.017	5.505	0.018	AAA	111	111	0	0
0.026	03495805+2350554	6.545	0.019	6.587	0.059	6.514	0.023	AAA	111	111	0	0
0.038	14073529-4819484	8.798	0.020	8.841	0.036	8.810	0.019	AAA	112	111	0	0
0.014	05514117+3358516	10.368	0.023	10.325	0.030	10.279	0.023	AAA	222	111	0	0
0.018	05474535+2710030	11.596	0.021	11.572	0.021	11.536	0.019	AAA	222	111	0	0
0.016	05494062+2656320	10.268	0.021	10.244	0.018	10.217	0.018	AAA	222	111	0	0
0.204	05281780+3407116	11.020	0.019	10.940	0.018	10.901	0.018	AAA	222	111	os0	0
0.016	07362578-1429077	9.331	0.025	9.351	0.027	9.345	0.023	AAA	222	111	0	0
0.027	06335882-4809021	9.636	0.024	9.670	0.024	9.642	0.023	AAA	222	111	0	0
0.036	06482211+4057452	8.552	0.023	8.541	0.017	8.500	0.018	AAA	112	111	0	0
0.016	06413526-0546100	11.371	0.026	11.300	0.022	11.332	0.024	AAA	222	111	0	0
0.018	04091601+5253484	13.350	0.027	13.195	0.039	13.084	0.034	AAA	222	111	0	0
0.023	03521828+5228174	13.300	0.044	13.041	0.035	12.855	0.034	AAA	222	211	c00	0
0.017	05044473+5251186	11.477		11.282	0.039	11.172	0.030	UAA	622	22	occ	0
0.017	06200259+0152175	12.864	0.022	12.734	0.022	12.657	0.027	AAA	222	111	0	0
0.023	06284888+1652116	13.642	0.026	13.587	0.029	13.498	0.040	AAA	222	111	0	0
0.019	05200815+3922569	13.292	0.026	13.170	0.032	13.146	0.030	AAA	222	111	0	0
0.018	11194328-6328500	10.116	0.033	9.444	0.032	9.225	0.027	EEE	222	111	0	0
0.016	05490300+1748050	12.061	0.021	12.050	0.022	12.042	0.018	AAA	222	111	0	0
0.014	22281065+5218139	12.979	0.026	12.891	0.031	12.864	0.027	AAA	222	221	0	0
0.018	06191126+1837222	12.274	0.024	12.164	0.033	12.082	0.021	AAA	222	111	0	0
0.018	06041672+2202266	12.904	0.025	12.719	0.024	12.622	0.022	AAA	222	111	0	0
0.029	06481879+2005344	9.233	0.022	9.295	0.022	9.293	0.021	AAA	222	111	0	0
0.015	04480602+5236227	8.094	0.024	8.084	0.036	7.994	0.021	AAA	111	111	0	0
0.017	06194787+2219078	11.728	0.023	11.577	0.028	11.523	0.021	AAA	222	111	0	0
0.011	06470431+0731277	11.145	0.022	11.099	0.027	11.053	0.023	AAA	222	111	0	0
0.020	05512122+2531271	10.622	0.018	10.594	0.016	10.575	0.018	AAA	222	111	0	0
0.017	22033387+4811298	13.826	0.032	13.842	0.044	13.719	0.055	AAA	222	111	0	0
0.024	04165904+5057047	10.647	0.023	10.554	0.023	10.476	0.020	AAA	222	111	0	0
0.019	21002863+3009333	10.538	0.025	10.562	0.034	10.529	0.020	AAA	222	111	0	0
0.016	06081270-0611444	10.352	0.026	10.212	0.025	10.213	0.026	AAA	222	111	0	0

0.035	06050478-0238067	10.085	0.027	9.989	0.023	9.952	0.028	AAA	222	111	0	0
0.012	01294934+6238386	12.545	0.023	12.431	0.033	12.382	0.026	AAA	222	111	0	0
0.031	06110397+1716286	9.002	0.023	9.120	0.030	9.111	0.018	AAA	122	111	0	0
0.015	06082072+0513134	12.216	0.024	12.204	0.023	12.202	0.027	AAA	222	111	0	0
0.017	06070626+0501181	13.382	0.026	13.322	0.024	13.224	0.037	AAA	222	111	0	0
0.020	04550449+2309222	10.821	0.021	10.723	0.022	10.671	0.020	AAA	222	111	0	0
0.014	04150748+5106217	11.430	0.023	11.327	0.023	11.283	0.020	AAA	222	111	Os0	0
0.015	20095170+3534182	12.970	0.021	12.864	0.019	12.759	0.024	AAA	222	111	0	0
0.021	21412462+3713589	11.101	0.026	11.033	0.033	11.070	0.022	AAA	222	111	0	0
0.014	05235116+3406383	12.531	0.023	12.333	0.027	12.268	0.026	AAA	222	111	0	0
0.016	06394764-0341152	11.506	0.026	11.488	0.026	11.405	0.021	AAA	222	111	0	0
0.027	06360712+1712424	14.142	0.029	14.053	0.035	14.004	0.045	AAA	222	111	0	0
0.020	04455353+4130091	13.621	0.022	13.533	0.031	13.479	0.042	AAA	222	111	0	0
0.013	22000803+4618426	13.354	0.078	13.263	0.033	13.232	0.051	AAA	222	311	c00	0
0.018	20125742+3552388	13.166	0.023	12.902	0.019	12.816	0.038	AAA	222	111	0	0
0.014	04245594+4419347	12.947	0.023	12.818	0.026	12.722	0.025	AAA	222	111	0	0
0.019	04451636+4127016	13.483	0.025	13.412	0.033	13.424	0.045	AAA	222	111	0	0
0.014	19523703+2923094	13.001	0.024	12.913	0.026	12.855	0.030	AAA	222	111	0	0
0.013	05415616+2718015	11.622	0.022	11.492	0.021	11.426	0.022	AAA	222	111	0	0
0.015	07020833-0154280	13.469	0.025	13.450	0.036	13.398	0.032	AAA	222	111	0	0
0.023	04485496+4139175	10.758	0.021	10.773	0.019	10.755	0.018	AAA	222	111	0	0
0.011	22353329+5728185	12.555	0.019	12.497	0.023	12.447	0.026	AAA	222	111	0	0
0.014	02193201+5707184	12.630	0.022	12.542	0.031	12.510	0.000	AAU	226	120	Oc0	0
0.015	22520825+5819433	12.933	0.024	12.757	0.031	12.691	0.028	AAA	222	111	0	0
0.014	01503021+6223263	13.356	0.029	13.245	0.036	13.200	0.036	AAA	222	111	0	0
0.015	00324157+6148014	12.788	0.029	12.664	0.034	12.574	0.022	AAA	222	111	0	0
0.015	21514943+5125467	13.134	0.023	12.967	0.033	12.900	0.029	AAA	222	111	0	0
0.013	01452634+6036341	13.196	0.029	13.005	0.037	12.933	0.040	AAA	222	111	0	0
0.025	20011965+3336569	13.320	0.024	13.144	0.023	13.046	0.030	AAA	222	111	0	0
0.017	01173454+6118010	12.709	0.031	12.418	0.032	12.247	0.031	AAA	222	111	0	0
0.012	01592188+6043225	12.274	0.023	12.042	0.026	11.947	0.026	AAA	222	111	Os0	0
0.014	04290637+4424292	13.407	0.025	13.246	0.024	13.190	0.028	AAA	222	111	0	0
0.013	00302464+5929544	12.388	0.023	12.231	0.024	12.187	0.022	AAA	222	111	0	0
0.022	03322315+5228403	12.893	0.024	12.630	0.030	12.559	0.024	AAA	222	111	0	0
0.017	16125540-5221298	12.450	0.036	12.147	0.039	11.917	0.051	AAA	222	111	0	0
0.018	20143205+4110380	12.638	0.021	12.383	0.022	12.236	0.024	AAA	222	111	0	0
0.012	06060637+3722486	9.192	0.022	8.666	0.026	8.526	0.016	AAA	212	111	0	0
0.032	06505117+0117476	14.183	0.024	14.096	0.048	13.899	0.052	AAA	222	111	0	0
0.015	06441554+0234366	12.740	0.025	12.653	0.026	12.570	0.029	AAA	222	111	0	0
0.022	06371147+0603254	11.587	0.022	11.578	0.026	11.579	0.019	AAA	222	111	0	0
0.042	06400838+1327227	15.281	0.047	15.081	0.067	14.881	0.116	AAB	222	111	0	0
0.040	06192550+1520116	14.540	0.031	14.360	0.042	14.091	0.062	AAA	222	111	0	0
0.029	06252857+1741126	14.260	0.026	14.183	0.037	14.125	0.062	AAA	222	111	0	0
0.027	19592603+3003278	14.010	0.037	13.800	0.042	13.705	0.040	AAA	222	111	0	0
0.025	20144055+3445462	13.869	0.033	13.604	0.033	13.579	0.050	AAA	222	111	00p	0
0.023	04344343+4715349	13.745	0.028	13.485	0.030	13.305	0.038	AAA	222	111	sss	0
0.025	00295985+6249149	13.846	0.028	13.610	0.037	13.546	0.045	AAA	222	111	0	0
0.024	00300573+6250335	13.725	0.039	13.458	0.040	13.411	0.050	AAA	222	211	c00	0
0.023	16125497-5224011	13.434	0.026	13.241	0.031	13.162	0.030	AAA	222	111	0	0
0.030	19084372+0442524	11.639	0.057	11.413	0.065	10.966	0.062	EEE	222	111	0	0
0.033	19303325+2015169	13.917	0.046	13.686	0.046	13.633	0.051	AAA	222	121	0	0

0.015	18500527-2414024	9.260	0.029	9.146	0.022	9.087	0.023	AAA	122	111	0	0
0.012	23463671+3606513	8.270	0.034	8.057	0.042	8.040	0.038	AAA	111	111	0	0
0.019	01571709+3726089	9.302	0.018	9.122	0.017	9.047	0.020	AAA	222	111	0	0
0.018	18373059+0502545	8.654	0.027	8.483	0.027	8.406	0.019	AAA	112	111	0	0
0.013	05041912+2336217	10.986	0.021	10.930	0.021	10.868	0.018	AAA	222	111	0	0
0.018	06122419+1433169	13.303	0.024	13.195	0.037	13.124	0.029	AAA	222	111	0	0
0.017	03324587+5133105	12.873	0.024	12.719	0.031	12.679	0.024	AAA	222	111	0	0
0.020	06102135+1244225	13.256	0.027	13.068	0.034	12.980	0.024	AAA	222	111	0	0
0.017	05280725+3243304	11.684	0.019	11.643	0.016	11.596	0.020	AAA	222	111	0	0
0.020	08125683-2203056	10.595	0.026	10.656	0.022	10.679	0.019	AAA	222	111	0	0
0.017	12430419-6621522	9.591	0.024	9.531	0.021	9.483	0.019	AAA	222	111	0	0
0.019	16552845-3927090	9.935	0.024	9.930	0.023	9.844	0.021	AAA	222	111	0	0

source_id_combined	name_2	id	source_id	within_r_t	probability
5240688273900935040	Melotte_105	4429	5240688273900935040	PRAVDA	0.974
2015662722215630080	NGC_7654	4868	2015662722215630080	PRAVDA	1.000
5240688278217818624	Melotte_105	4429	5240688278217818624	PRAVDA	0.957
5963931358914492160	NGC_6250	4708	5963931358914492160	PRAVDA	1.000
4054318564734602752	NGC_6405	4743	4054318564734602752	PRAVDA	0.767
5835123984094812544	NGC_6087	4683	5835123984094812544	PRAVDA	0.715
5967201096026903808	NGC_6268	4714	5967201096026903808	PRAVDA	0.837
4092908772859867648	IC_4725	4300	4092908772859867648	PRAVDA	0.989
5240688278217814144	Melotte_105	4429	5240688278217814144	PRAVDA	1.000
5260177534138699904	NGC_3105	4615	5260177534138699904	PRAVDA	0.990
4252502954359718784	NGC_6705	4793	4252502954359718784	PRAVDA	0.714
3131335689146178432	NGC_2244	4527	3131335689146178432	PRAVDA	1.000
201045980314029184	UPK_347	7078	201045980314029184	PRAVDA	1.000
1996853411155856384	Theia_4245	5963	1996853411155856384	NEPRAVDA	0.892
942821088992726016	Theia_3747	5935	942821088992726016	PRAVDA	1.000
888458622775254656	HSC_1447	2958	888458622775254656	PRAVDA	0.981
183262612388074496	NGC_1907	4499	183262612388074496	PRAVDA	1.000
72049489436410752	Alessi-Teutsch_10	115	72049489436410752	PRAVDA	1.000
2061067845160938880	UPK_110	7020	2061067845160938880	PRAVDA	1.000
3423316331959721600	CWNU_406	503	3423316331959721600	PRAVDA	1.000
3427146510778976896	HSC_1467	2975	3427146510778976896	PRAVDA	1.000
1966710707894388608	HSC_699	2363	1966710707894388608	PRAVDA	1.000
271765228187699328	CWNU_1140	607	271765228187699328	PRAVDA	1.000
3373847718978934656	IRAS_06117+1901	4307	3373847718978934656	PRAVDA	0.793
271669914274685312	NGC_1528	4477	271669914274685312	PRAVDA	1.000
2068901212668308864	HSC_632	2308	2068901212668308864	PRAVDA	1.000
187964609445409536	NGC_1857	4493	187964609445409536	PRAVDA	1.000
1978967483714383616	CWNU_2034	965	1978967483714383616	PRAVDA	1.000
5966508030054972288	NGC_6231	4704	5966508030054972288	PRAVDA	0.966
5966515967154648064	NGC_6231	4704	5966515967154648064	PRAVDA	0.914
5527255299411894656	Majaess_99	4409	5527255299411894656	PRAVDA	1.000
2173516720403054208	NGC_7128	4849	2173516720403054208	PRAVDA	1.000
4092406197334316672	Alessi_40	88	4092406197334316672	PRAVDA	0.957
5309847593959975808	CWNU_1020	568	5309847593959975808	PRAVDA	0.854
375033078249501696	HSC_979	2612	375033078249501696	PRAVDA	0.953
3466791945137514368	HSC_2303	3642	3466791945137514368	PRAVDA	0.915
5597184548183516032	NGC_2489	4582	5597184548183516032	PRAVDA	0.778
6094112367404775680	NGC_5460	4658	6094112367404775680	PRAVDA	1.000
3186573508353330816	CWNU_1010	563	3186573508353330816	PRAVDA	0.708
5864665177106408448	NGC_5281	4653	5864665177106408448	PRAVDA	1.000
1978443325910675712	Theia_517	5605	1978443325910675712	PRAVDA	0.827
3104635771552173696	HSC_1687	3148	3104635771552173696	PRAVDA	1.000
5519518615906685696	OC_0450	5015	5519518615906685696	PRAVDA	0.721
248229528957381248	Melotte_20	4422	248229528957381248	PRAVDA	0.718
3034556645614043520	OCSN_77	5109	3034556645614043520	PRAVDA	0.741
5436355580767094144	Turner_5	6074	5436355580767094144	PRAVDA	0.900
5938814282779278080	Theia_643	5623	5938814282779278080	PRAVDA	0.833
5368269388368281600	HSC_2253	3609	5368269388368281600	PRAVDA	1.000
1561439694084279552	HSC_759	2418	1561439694084279552	PRAVDA	1.000
5491666203962574080	HSC_1964	3370	5491666203962574080	PRAVDA	0.996

243185278842565376	Melotte_20	4422	243185278842565376	PRAVDA	0.812
1978652748518359808	Theia_517	5605	1978652748518359808	PRAVDA	1.000
3329642167521481728	Theia_3250	5890	3329642167521481728	PRAVDA	0.906
3446274443983572864	HSC_1392	2915	3446274443983572864	PRAVDA	0.923
3344712726726459520	UBC_1316	6703	3344712726726459520	PRAVDA	1.000
185682744859022976	HXHWL_49	4222	185682744859022976	PRAVDA	1.000
2244529022468154880	UPK_160	7039	2244529022468154880	PRAVDA	1.000
5974923417167995904	Theia_290	5561	5974923417167995904	PRAVDA	1.000
4067753497327490304	Theia_2619	5847	4067753497327490304	PRAVDA	1.000
5307943377256129536	HSC_2266	3616	5307943377256129536	PRAVDA	1.000
1562168842092340352	HSC_759	2418	1562168842092340352	PRAVDA	0.934
4104468355326255616	UBC_32	6082	4104468355326255616	PRAVDA	0.782
1809673097101528960	HSC_452	2150	1809673097101528960	PRAVDA	1.000
5538811888178960000	NGC_2451B	4873	5538811888178960000	PRAVDA	1.000
1978660410740287104	Theia_517	5605	1978660410740287104	PRAVDA	1.000
2021468448546718080	Stock_1	5360	2021468448546718080	PRAVDA	0.871
3033686450880903936	OCSN_77	5109	3033686450880903936	PRAVDA	0.946
4477214749926383104	NGC_6633	4780	4477214749926383104	PRAVDA	1.000
3131297485415238784	OC_0343	4981	3131297485415238784	PRAVDA	1.000
4087060749697961984	UPK_16	6974	4087060749697961984	PRAVDA	1.000
5222602750727559552	ASCC_51	23	5222602750727559552	PRAVDA	0.875
4103695119364941568	UBC_32	6082	4103695119364941568	PRAVDA	0.819
5258821011647816960	HSC_2280	3626	5258821011647816960	PRAVDA	1.000
6017520318720281216	UPK_640	7143	6017520318720281216	PRAVDA	0.909
3241266270439474048	OC_0322	4978	3241266270439474048	PRAVDA	1.000
5581262245413519360	HSC_1961	3367	5581262245413519360	PRAVDA	1.000
5314072570457128320	HSC_2215	3578	5314072570457128320	PRAVDA	1.000
1988151635620519040	UPK_167	7042	1988151635620519040	PRAVDA	1.000
415178992264005632	LISC_3534	4378	415178992264005632	PRAVDA	1.000
3326127475522924032	NGC_2251	4528	3326127475522924032	PRAVDA	1.000
5531044487058453632	OC_0450	5015	5531044487058453632	PRAVDA	1.000
2099676195231124736	HSC_572	2256	2099676195231124736	PRAVDA	0.828
6725093022278251264	UPK_645	7146	6725093022278251264	PRAVDA	0.758
1993166095832054912	Stock_12	5367	1993166095832054912	PRAVDA	1.000
5791924653210500352	HSC_2615	3891	5791924653210500352	PRAVDA	1.000
3121021896418348928	CWNU_232	433	3121021896418348928	PRAVDA	1.000
5309451116934582400	HSC_2215	3578	5309451116934582400	PRAVDA	0.973
6837329073258602880	CWNU_1012	564	6837329073258602880	PRAVDA	0.775
6209786213322993152	HSC_2810	4049	6209786213322993152	PRAVDA	0.990
2952071798690696448	UPK_442	7093	2952071798690696448	PRAVDA	1.000
4320297093326819712	UPK_53	6999	4320297093326819712	PRAVDA	0.908
4085145194298893440	Collinder_394	1347	4085145194298893440	PRAVDA	0.862
3345191014284099200	NGC_2169	4512	3345191014284099200	PRAVDA	0.909
2936143757857184384	Theia_458	5599	2936143757857184384	PRAVDA	1.000
5290657336465950976	NGC_2516	4585	5290657336465950976	PRAVDA	0.839
2620491557404674816	HSC_448	2146	2620491557404674816	PRAVDA	0.995
3451399606983976960	Theia_874	5674	3451399606983976960	PRAVDA	1.000
1836133982608735488	Theia_213	5534	1836133982608735488	PRAVDA	1.000
216648703146774016	IC_348	4277	216648703146774016	PRAVDA	0.874
3446957305127623680	Theia_780	5655	3446957305127623680	PRAVDA	1.000
3014986300704795520	CWNU_1057	580	3014986300704795520	PRAVDA	1.000

2909808113606368000	Theia_229	5539	2909808113606368000	PRAVDA	1.000
2865971035979516928	HSC_778	2436	2865971035979516928	PRAVDA	1.000
5474655900086475904	HSC_2133	3511	5474655900086475904	PRAVDA	1.000
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1978647762043764608	Theia_517	5605	1978647762043764608	PRAVDA	0.803
4040825839145829760	NGC_6475	4753	4040825839145829760	PRAVDA	0.938
2168511429924111360	OCSN_24	5089	2168511429924111360	PRAVDA	1.000
201683108647509760	SAI_40	5323	201683108647509760	PRAVDA	0.839
951481083091175808	NGC_2281	4535	951481083091175808	PRAVDA	1.000
5318117330136955392	IC_2391	4289	5318117330136955392	PRAVDA	0.902
2320926178443221888	Blanco_1	281	2320926178443221888	PRAVDA	0.758
3030015215917673088	NGC_2422	4566	3030015215917673088	PRAVDA	0.895
3294776344564853888	NGC_1662	4484	3294776344564853888	PRAVDA	0.778
960144100846942464	OCSN_49	5097	960144100846942464	PRAVDA	0.813
194667713362828800	COIN-Gaia_13	303	194667713362828800	PRAVDA	1.000
678716196978038144	HSC_1555	3045	678716196978038144	PRAVDA	1.000
5290923143401218432	NGC_2516	4585	5290923143401218432	PRAVDA	0.742
5527699330314830720	CWNU_1083	589	5527699330314830720	PRAVDA	0.996
5526502099592757376	Theia_986	5689	5526502099592757376	PRAVDA	0.901
3086489534725024896	Theia_383	5582	3086489534725024896	PRAVDA	1.000
1563590579347125632	HSC_906	2549	1563590579347125632	PRAVDA	1.000
3294750261225993600	NGC_1662	4484	3294750261225993600	PRAVDA	1.000
3959965486205062528	Melotte_111	4430	3959965486205062528	PRAVDA	1.000
6632075261948379520	Theia_1203	5709	6632075261948379520	PRAVDA	0.978
2930057647456047616	HSC_1856	3285	2930057647456047616	PRAVDA	0.833
5343949118887295104	NGC_3960	4630	5343949118887295104	PRAVDA	1.000
3312744219988782720	Melotte_25	4424	3312744219988782720	PRAVDA	1.000
5538882802373686784	NGC_2477	4578	5538882802373686784	PRAVDA	0.769
5364898182642742016	UPK_552	7116	5364898182642742016	PRAVDA	1.000
5546088112527125632	UPK_492	7103	5546088112527125632	PRAVDA	1.000
5541472465805985024	Gulliver_2	1750	5541472465805985024	PRAVDA	0.847
5318486456810851072	IC_2391	4289	5318486456810851072	PRAVDA	1.000
6054414912436414464	UBC_517	6391	6054414912436414464	PRAVDA	0.858
5256713454040430336	NGC_3114	4616	5256713454040430336	PRAVDA	1.000
6830611400810571648	CWNU_1012	564	6830611400810571648	PRAVDA	0.992
2089014299695630720	HSC_704	2368	2089014299695630720	PRAVDA	0.972
3370788946352956416	Skiff_J0619+18.5	5354	3370788946352956416	PRAVDA	1.000
2033819301358898304	HSC_533	2221	2033819301358898304	NEPRAVDA	1.000
2012040312433901056	HSC_899	2544	2012040312433901056	PRAVDA	1.000
3326696507149141120	Mon_OB1-D	4434	3326696507149141120	PRAVDA	1.000
3398673454584155648	CWNU_334	473	3398673454584155648	PRAVDA	1.000
3368008594979467520	HSC_1536	3027	3368008594979467520	PRAVDA	1.000
2027052116500700032	UPK_82	7011	2027052116500700032	PRAVDA	1.000
1999976707072522368	NGC_7243	4856	1999976707072522368	PRAVDA	1.000
3426265256505487104	NGC_2168	4511	3426265256505487104	PRAVDA	1.000
5597185235378262528	NGC_2489	4582	5597185235378262528	PRAVDA	1.000
5967636541310787584	NGC_6192	4695	5967636541310787584	PRAVDA	1.000
476268957813243136	NGC_1502	4475	476268957813243136	PRAVDA	1.000
4293416301715862784	NGC_6756	4805	4293416301715862784	PRAVDA	1.000
4092907986980076672	IC_4725	4300	4092907986980076672	PRAVDA	0.913
6071548670839838848	HSC_2468	3776	6071548670839838848	PRAVDA	0.845

202582307298898304	ASCC_13	8	202582307298898304	PRAVDA	0.954
3351591920008250752	Juchert_J0649.4+1202	4324	3351591920008250752	PRAVDA	0.731
190596565402626560	Theia_415	5591	190596565402626560	PRAVDA	0.959
121406905707934464	NGC_1333	4470	121406905707934464	PRAVDA	0.900
2062359084127740032	Collinder_419	1348	2062359084127740032	PRAVDA	0.879
6063513783470884352	CWNU_382	494	6063513783470884352	PRAVDA	1.000
5427054429650918528	Platais_9	5198	5427054429650918528	PRAVDA	0.967
5966510018617341952	NGC_6231	4704	5966510018617341952	PRAVDA	1.000
5848717967876097280	BH_164	161	5848717967876097280	PRAVDA	0.759
462979302507491968	Theia_638	5622	462979302507491968	PRAVDA	1.000
5943109804152088576	ASCC_85	42	5943109804152088576	PRAVDA	1.000
5513441859956191104	UPK_537	7111	5513441859956191104	PRAVDA	0.945
5931882759702002560	Harvard_10	4263	5931882759702002560	PRAVDA	0.875
5833048415366810240	NGC_6025	4680	5833048415366810240	PRAVDA	0.936
3327312302381307776	Collinder_95	1315	3327312302381307776	PRAVDA	0.827
3374031754037085184	HSC_1516	3011	3374031754037085184	PRAVDA	1.000
3430866811447421440	HSC_1440	2952	3430866811447421440	PRAVDA	1.000
522575547156998528	HSC_958	2596	522575547156998528	PRAVDA	1.000
5605017086754595328	Collinder_132	1322	5605017086754595328	PRAVDA	0.913
2014304550472800128	HSC_878	2523	2014304550472800128	PRAVDA	1.000
2926911227438548352	NGC_2287	4537	2926911227438548352	PRAVDA	0.885
3974052600978768256	CWNU_1062	581	3974052600978768256	PRAVDA	1.000
3372304008952260608	Theia_2725	5852	3372304008952260608	PRAVDA	1.000
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3433937545564326784	UPK_381	7082	3433937545564326784	PRAVDA	1.000
3116319040369359360	HSC_1664	3127	3116319040369359360	PRAVDA	1.000
3111410236349692800	Gulliver_47	1790	3111410236349692800	PRAVDA	0.962
5589122928917991040	HSC_2012	3412	5589122928917991040	PRAVDA	1.000
5256705997976814080	NGC_3114	4616	5256705997976814080	PRAVDA	0.878
3426291747863689856	NGC_2168	4511	3426291747863689856	PRAVDA	0.742
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5533803780207858304	HSC_2072	3462	5533803780207858304	PRAVDA	0.969
6056408567538569088	NGC_4755	4641	6056408567538569088	PRAVDA	0.811
5195939769849346560	HSC_2455	3768	5195939769849346560	PRAVDA	1.000
2262275415015759872	HSC_782	2440	2262275415015759872	PRAVDA	1.000
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3052494490626007168	Theia_2649	5849	3052494490626007168	PRAVDA	1.000
3449518106367398784	NGC_1960	4502	3449518106367398784	PRAVDA	0.954
5352758229939579136	CWNU_1053	577	5352758229939579136	PRAVDA	0.883
5239734932919731456	IC_2602	4293	5239734932919731456	PRAVDA	0.847
5825859086765268864	Theia_181	5529	5825859086765268864	PRAVDA	1.000
5254158979301634560	Alessi_5	70	5254158979301634560	PRAVDA	0.914
1868977047756756352	ASCC_113	59	1868977047756756352	PRAVDA	0.814
5976384702519997824	HSC_2873	4098	5976384702519997824	PRAVDA	0.804
5516418203578671232	CWNU_1044	576	5516418203578671232	PRAVDA	0.835
2909237260914886272	Theia_169	5522	2909237260914886272	PRAVDA	0.882
6115171824705184640	UPK_599	7127	6115171824705184640	PRAVDA	1.000
1993166130192090624	Stock_12	5367	1993166130192090624	PRAVDA	1.000
5835126217495038336	NGC_6087	4683	5835126217495038336	PRAVDA	0.962
6056235222657917696	Theia_954	5683	6056235222657917696	PRAVDA	1.000
3113576072398100096	NGC_2301	4539	3113576072398100096	PRAVDA	1.000

5889672748790799360	HSC_2706	3968	5889672748790799360	NEPRAVDA	0.991
2244529022468155008	UPK_160	7039	2244529022468155008	PRAVDA	1.000
396587148287748736	HSC_1058	2676	396587148287748736	PRAVDA	0.842
6082432255383245568	UPK_587	7124	6082432255383245568	PRAVDA	1.000
2068255902418555392	HSC_633	2309	2068255902418555392	PRAVDA	1.000
5983384949429882112	UPK_626	7138	5983384949429882112	PRAVDA	1.000
4095676316659123328	UPK_5	6970	4095676316659123328	PRAVDA	1.000
2279650069555318784	Theia_11	5479	2279650069555318784	PRAVDA	0.927
5359135229887129344	HSC_2263	3614	5359135229887129344	PRAVDA	1.000
3104244792087711360	NGC_2232	4524	3104244792087711360	PRAVDA	0.772
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4040842056948543232	NGC_6475	4753	4040842056948543232	PRAVDA	0.763
337152875448699392	NGC_1039	4465	337152875448699392	PRAVDA	0.702
6244725050721030528	HSC_2931	4146	6244725050721030528	NEPRAVDA	1.000
3443294419580026112	Theia_3582	5922	3443294419580026112	NEPRAVDA	1.000
182623319396154496	COIN-Gaia_19	308	182623319396154496	PRAVDA	1.000
3446802621883768576	NGC_1896	4496	3446802621883768576	PRAVDA	0.984
5290820682661822848	NGC_2516	4585	5290820682661822848	PRAVDA	0.783
3454807788087775872	Theia_874	5674	3454807788087775872	PRAVDA	1.000
218807078833972224	HSC_1262	2823	218807078833972224	PRAVDA	1.000
2390144081839340288	CWNU_1066	583	2390144081839340288	PRAVDA	1.000
66507469798631808	Melotte_22	4423	66507469798631808	PRAVDA	0.812
6091115545386323712	NGC_5460	4658	6091115545386323712	PRAVDA	1.000
3454429075052387584	Theia_874	5674	3454429075052387584	PRAVDA	0.992
3441493075934604672	COIN-Gaia_23	311	3441493075934604672	PRAVDA	0.945
3429468236952165376	COIN-Gaia_23	311	3429468236952165376	PRAVDA	1.000
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5552038050980574976	CWNU_1121	601	5552038050980574976	PRAVDA	1.000
951475379375151488	NGC_2281	4535	951475379375151488	PRAVDA	0.915
3100570842705851008	Teutsch_177	5441	3100570842705851008	PRAVDA	1.000
275061735847138048	CWNU_2049	969	275061735847138048	NEPRAVDA	0.958
251943988474735872	Teutsch_194	5446	251943988474735872	PRAVDA	1.000
266079374381737344	NGC_1708	4486	266079374381737344	PRAVDA	1.000
3124515178002448640	CWNU_1313	663	3124515178002448640	PRAVDA	1.000
3369484689340578816	UBC_1313	6701	3369484689340578816	NEPRAVDA	1.000
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5240688273899649792	Melotte_105	4429	5240688273899649792	PRAVDA	0.72653079
3398075805593109888	CWNU_1423	710	3398075805593109888	NEPRAVDA	1.000
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260640094657119104	Teutsch_J0450.9+5209	5469	260640094657119104	PRAVDA	1.000
3376828602380009984	OC_0315	4975	3376828602380009984	PRAVDA	0.918
3133228017376424832	Theia_2812	5859	3133228017376424832	PRAVDA	1.000
3429076913894849664	CWNU_15	336	3429076913894849664	PRAVDA	0.971
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271554358174335744	NGC_1528	4477	271554358174335744	PRAVDA	0.775
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3373216878480424320	Theia_399	5587	3373216878480424320	PRAVDA	1.000
3318304793888036736	UBC_1327	6713	3318304793888036736	PRAVDA	0.982
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5933387372597401216	Ruprecht_115	5283	5933387372597401216	PRAVDA	1
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3448993635021179008	HXHWL_53	4225	3448993635021179008	PRAVDA	0.978
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ra	ra_error	dec	dec_error	l	b	pmra	pmra_error
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146.6785035	0.0173321	-55.3405045	0.0163137	278.6983413	-1.4112734	-17.2527	0.0240
203.5302901	0.0407198	55.3484081	0.0440271	110.4939567	60.7371540	-19.0661	0.0476
278.4616566	0.0239302	-14.4258298	0.0243861	18.1066922	-2.7228061	-2.0916	0.0284
301.2937247	0.0139727	16.6760904	0.0120312	56.3451579	-7.9751081	2.0159	0.0204
116.1791239	0.0143278	-38.0977049	0.0162951	252.4554574	-6.8913500	-9.8574	0.0184
323.0280370	0.0177755	48.7163570	0.0185089	92.6333797	-2.0698684	-7.3526	0.0235
294.1940217	0.0101703	25.2883006	0.0145958	60.4170606	2.0992396	6.0606	0.0136
111.9538488	0.0143000	-12.6862545	0.0144472	228.3552726	2.1260835	-5.8266	0.0183
276.7203929	0.0307491	6.4233222	0.0304281	35.8930572	8.3715875	1.1772	0.0437
97.8201484	0.0248438	4.6238473	0.0236715	206.5149592	-2.3591421	-1.8737	0.0305
287.3995453	0.0295692	-18.9721038	0.0256128	17.7839886	-12.4076062	-0.5550	0.0356
138.7288694	0.0348258	-69.8669911	0.0350167	286.1956321	-14.3963341	-7.2848	0.0493
278.8367692	0.0280770	-14.6854699	0.0297774	18.0422722	-3.1645025	-2.7035	0.0350
152.1224664	0.0383522	-57.7221644	0.0405877	282.5295399	-1.4552980	-19.0004	0.0526
249.6288497	0.0296755	-39.1524244	0.0177879	343.5730682	5.1815755	-12.4520	0.0408
79.4123228	0.0367889	7.1508072	0.0280072	195.2146725	-17.1343389	2.3314	0.0469
98.0690425	0.0157198	-35.9801233	0.0181738	244.3232200	-19.1496904	-2.0958	0.0213
140.8431001	0.0227061	-49.5927993	0.0212352	272.2060821	0.4489584	-11.1654	0.0284
336.7299445	0.0231194	49.7119691	0.0237891	100.3565848	-6.7185338	1.9046	0.0312
11.7972827	0.0202700	50.6546153	0.0211117	122.2429266	-12.2114506	7.4913	0.0310
98.7189569	0.0150819	8.3089630	0.0130595	203.6558729	0.1323242	0.6910	0.0198
118.4959694	0.0194812	-45.6432508	0.0215442	259.9435565	-9.1095099	-11.3976	0.0255
288.3722006	0.0226923	39.0377535	0.0245164	70.4933340	12.7550951	-4.6158	0.0296
270.0794878	0.0186553	-42.6164703	0.0155401	349.6095728	-9.4311327	2.5358	0.0233
353.9617821	0.0133620	52.6151140	0.0126917	111.4612385	-8.5649615	8.7361	0.0164
222.8748692	0.0204502	-77.1760168	0.0241431	309.5605354	-15.8763900	-14.0601	0.0246
92.8577023	0.0169046	-2.0072237	0.0148858	210.1412995	-9.8138804	0.1947	0.0234
146.2771957	0.0192853	-52.3619047	0.0201418	276.5979033	0.7140127	-12.6561	0.0246
326.9018317	0.0430221	-17.2947418	0.0402136	36.1077537	-46.5767498	12.7796	0.0506
231.8896139	0.0184456	-29.5292524	0.0139942	339.1977055	22.1363487	-8.0721	0.0210
98.0264856	0.0162768	-12.4434165	0.0190144	221.9400526	-9.8735806	-2.3702	0.0225
288.5565599	0.0112497	14.3917904	0.0115712	48.3080415	1.5907058	2.3422	0.0132
283.0187450	0.0234625	-20.6047744	0.0219128	14.4964746	-9.3686016	-1.5140	0.0259
92.1005154	0.0389474	13.9466245	0.0283228	195.6239236	-2.9430314	-0.9456	0.0544
105.7883574	0.0160772	-15.7842820	0.0184597	228.3207511	-4.6043533	-6.3570	0.0214
119.0944558	0.0154203	-61.2838769	0.0152537	274.2084088	-16.2812117	-4.5937	0.0202
330.1666429	0.0377946	-6.4325132	0.0325801	52.0323866	-44.5159427	16.3914	0.0460
88.0037259	0.0216157	33.5535824	0.0153556	176.7415516	3.5472044	1.9392	0.0271
304.2164328	0.0105596	27.0548117	0.0151862	66.6099310	-4.6601506	24.7152	0.0155
56.4495623	0.0276541	32.0162390	0.0175260	160.7990870	-17.7473196	3.9131	0.0391
81.6201036	0.0180923	30.3612915	0.0136462	176.5579314	-2.7350360	-0.7058	0.0234
80.9318106	0.0213185	-8.2895994	0.0183856	210.4252558	-23.2424740	-0.5886	0.0270

90.1187255	0.0324499	-27.8884894	0.0389957	233.7278922	-22.7536464	-7.0811	0.0405
352.9291366	0.0205438	28.4034240	0.0179463	102.3955594	-31.2694748	-30.5098	0.0303
157.6449619	0.0137446	-22.5211070	0.0163568	265.0634540	29.8027352	2.5266	0.0246
116.9728134	0.0211772	-52.5596756	0.0189749	265.6423876	-13.3037838	-8.0955	0.0263
322.9359891	0.0193209	48.4842664	0.0216811	92.4306067	-2.1983658	-8.0044	0.0257
268.5159819	0.0226960	-34.7348676	0.0189305	355.9335292	-4.5092315	3.1709	0.0276
315.0276394	0.0206208	48.6794552	0.0226697	88.9343865	1.6960218	13.8448	0.0285
75.1662182	0.0220383	41.2700846	0.0146306	164.6560346	-0.5788464	0.2535	0.0316
102.0868384	0.0263467	41.0840970	0.0254204	174.9004290	16.8945494	-2.9195	0.0336
129.9972042	0.0318169	-53.2608523	0.0337369	270.4952806	-7.0411114	-23.7832	0.0401
1.2118642	0.0301240	-29.6330262	0.0244345	16.4670972	-79.4560204	19.3416	0.0423
114.2843677	0.0253675	-14.5540704	0.0251044	231.0853298	3.2130439	-6.9540	0.0323
72.3610910	0.0136214	10.9883906	0.0071537	187.7989948	-20.8844974	-1.2409	0.0190
93.4297766	0.0296375	41.6972167	0.0289683	171.6014552	11.2121985	-3.9234	0.0325
83.2762249	0.0211894	42.3072850	0.0172828	167.3089713	4.9517690	-3.9281	0.0278
127.1261213	0.0222782	24.5412658	0.0150349	199.4261334	31.4745572	-12.1704	0.0257
118.7676335	0.0200160	-60.6399061	0.0201136	273.5360332	-16.1296054	-3.7124	0.0313
125.8788592	0.0133884	-41.0334248	0.0166854	258.9259736	-2.1106717	-7.5702	0.0183
127.5271960	0.0228745	-43.0447155	0.0299398	261.2760401	-2.2800193	-8.6764	0.0298
113.3728774	0.0228775	0.2696910	0.0199194	217.5264019	9.4703139	-1.7612	0.0314
200.9823734	0.2624593	54.9252591	0.5479759	113.1093380	61.5790156	122.4675	0.3345
72.1724579	0.0152239	10.8673003	0.0077213	187.7920451	-21.1056861	-0.9386	0.0195
187.7522745	0.0816318	24.5671255	0.1026107	240.9269467	84.7391711	-12.4743	0.0819
282.0511941	0.0113025	-61.0052241	0.0119491	334.7369428	-23.1255236	5.8467	0.0142
110.0514369	0.0071781	-20.1322411	0.0107479	234.0576421	-2.9997041	-5.7186	0.0128
177.6063448	0.0112435	-55.6505137	0.0116203	294.3446365	6.2006767	-6.4501	0.0148
67.1660805	0.3330508	15.8707845	0.2027398	180.3479550	-22.0101193	106.1478	0.4338
117.9857742	0.0097813	-38.4136265	0.0105665	253.4401239	-5.8167688	-2.4679	0.0138
158.3883872	0.0124580	-46.9834017	0.0130591	279.8756871	9.6223711	-22.4680	0.0166
121.4443344	0.0173545	-33.5692136	0.0228995	250.7588465	-0.9049405	-7.3952	0.0215
122.7569850	0.0218898	-37.2923528	0.0289853	254.4688349	-2.0230299	-5.0962	0.0269
130.6055958	0.0735173	-53.1138797	0.1030057	270.5999945	-6.6620517	-24.5452	0.0936
183.4399974	0.0151899	-62.9316085	0.0172968	298.6607867	-0.3727355	-5.5919	0.0195
150.4663411	0.0308641	-59.9819434	0.0310498	283.1751480	-3.7841649	-7.2714	0.0445
324.2701861	0.1524445	-19.4660090	0.1044338	31.9422481	-44.9905644	11.9779	0.2335
299.8140127	0.0392244	52.0557027	0.0477858	86.0406009	11.5374275	9.3618	0.0589
94.8816393	0.0196117	18.5232145	0.0185298	192.8795601	1.5895006	-0.4966	0.0233
298.0346221	0.0185266	31.7961293	0.0222299	67.7444441	2.4213012	2.7972	0.0248
352.3590684	0.0109020	59.6027217	0.0118106	112.7206776	-1.6334355	5.9391	0.0146
100.3038864	0.0328900	9.5971825	0.0283482	203.2289212	2.1143326	-2.2964	0.0415
89.3872537	0.0262544	19.0088306	0.0211119	189.9299859	-2.7235504	-0.2043	0.0319
105.3015200	0.0309635	22.3352515	0.0293731	193.8188583	12.0263580	1.2802	0.0355
298.2848303	0.0107816	26.1940436	0.0149766	63.0452152	-0.6379526	2.3481	0.0146
333.7975153	0.0127544	49.7584419	0.0136248	98.7852110	-5.6446067	0.4663	0.0185
92.3643858	0.0259221	24.2435109	0.0223696	186.7310691	2.2590970	2.2365	0.0327
119.0497554	0.0074617	-30.0420981	0.0093153	246.6888845	-0.7715562	-2.4986	0.0104
250.0654387	0.0126354	-43.3541004	0.0083702	340.6420751	2.1470975	1.7000	0.0193
61.9200422	0.0082539	62.2612714	0.0070382	143.7073295	7.5937821	-0.7120	0.0144
287.1821120	0.0156415	4.7144076	0.0158057	39.1000365	-1.6834129	-1.5076	0.0200
277.9356584	0.0190825	-19.1204655	0.0178870	13.6945938	-4.4268037	-1.6861	0.0246
185.7056570	0.0435385	-57.6761832	0.0498596	299.0993469	4.9824722	-37.1551	0.0593

77.7445682	0.0318573	44.3245075	0.0213403	163.3619202	2.7725441	-0.8219	0.0413
102.2564049	0.0223514	12.2459033	0.0201315	201.7333649	5.0234429	0.0826	0.0258
82.7365530	0.0229459	38.4587753	0.0179501	170.3205732	2.5125298	-0.6785	0.0272
52.3324400	0.0214589	31.4158037	0.0144689	158.3005901	-20.4026004	6.5823	0.0285
304.5287953	0.0132654	40.7182044	0.0154174	78.0869804	2.7730850	-2.4624	0.0189
199.4937951	0.0176797	-56.1993587	0.0239178	306.6406558	6.4811776	-8.0557	0.0256
138.1270453	0.0313249	-43.6131975	0.0387802	266.6249423	3.2975250	-22.4306	0.0443
253.5064162	0.0127722	-41.8236714	0.0099541	343.4488140	1.2053144	-0.6658	0.0175
222.7206814	0.0146197	-66.5228993	0.0197211	314.4444812	-6.3588029	-7.2046	0.0162
47.3509007	0.0122272	60.4396131	0.0147562	139.1646195	1.9912657	-6.1385	0.0197
251.6324269	0.0176281	-45.7654298	0.0131263	339.5541480	-0.2772066	0.2051	0.0257
123.7991719	0.0128195	-50.4389780	0.0133338	265.9510418	-8.5667479	-5.7207	0.0175
245.5758258	0.0167164	-55.1216629	0.0128918	330.0590740	-3.7719964	-1.8343	0.0225
240.3341057	0.0162368	-60.5372886	0.0140995	324.2998720	-5.8044583	-2.7365	0.0254
97.6960544	0.0368912	10.0628772	0.0340077	201.6338893	0.0463830	-2.2827	0.0444
94.9250651	0.0162514	19.8035774	0.0135224	191.7691021	2.2292478	1.0343	0.0225
89.3559606	0.0283385	27.4481019	0.0233760	182.6077597	1.4761530	0.2858	0.0348
18.2913318	0.0429788	61.7061590	0.0517950	125.5040292	-1.0570344	25.6097	0.0547
108.8277345	0.0300978	-31.9096605	0.0337277	244.1003054	-9.3502997	-4.3233	0.0400
344.2340181	0.0234848	59.9617129	0.0263743	109.0560140	0.2112269	13.8007	0.0313
101.3128592	0.0214597	-20.9576859	0.0298495	231.1272570	-10.6918888	-4.5481	0.0235
175.6833387	0.0516300	18.2420378	0.0381458	238.6614324	71.8601983	-9.3170	0.0547
97.1893484	0.0255303	19.4556713	0.0223325	193.0719180	3.9546653	-0.0133	0.0310
74.9684641	0.0168965	38.1787691	0.0100243	166.9982900	-2.6031956	-0.4438	0.0219
95.3597069	0.0243664	29.2468676	0.0234438	183.5662048	6.9744384	0.3917	0.0291
106.2896281	0.0297622	3.7641449	0.0273753	211.1375768	4.7650316	-5.0607	0.0401
108.1793738	0.0262815	0.8862782	0.0296308	214.5719997	5.1382735	-1.8383	0.0370
110.4838115	0.1425603	-37.4926890	0.1357417	249.7966639	-10.5940843	-8.1498	0.2056
150.4239493	0.0221697	-60.1129234	0.0219903	283.2371837	-3.9015216	-7.5502	0.0331
92.5585314	0.0272887	24.4124938	0.0262138	186.6682475	2.4955522	2.2328	0.0326
119.1878949	0.0195640	-60.8150290	0.0190807	273.7957924	-16.0266717	-4.7193	0.0254
118.9858335	0.0237801	-43.1918006	0.0246320	257.9770868	-7.5776390	-3.9289	0.0323
193.3411861	0.0182602	-60.3284942	0.0238194	303.1706102	2.5423628	-4.5359	0.0241
144.4780773	0.0209104	-80.3504142	0.0216147	295.2428877	-20.5148690	-13.6124	0.0275
284.7193279	0.0356446	69.5313423	0.0359614	100.3156145	24.6512486	3.9027	0.0463
130.0346998	0.0274698	-51.9415151	0.0313305	269.4502145	-6.2264943	-13.3451	0.0359
106.5923904	0.0801538	-7.3114936	0.0818555	221.1365408	-0.0319798	-4.2198	0.1049
84.0099483	0.0198721	34.1141298	0.0147313	174.5272890	1.0126969	-0.2242	0.0260
162.6331665	0.0204648	-55.9830703	0.0195744	286.5513795	2.9950108	-18.2124	0.0291
159.5729557	0.0250410	-65.0418833	0.0280741	289.4737883	-5.7091465	-17.4088	0.0316
235.4987525	0.0194761	-64.2998928	0.0175120	320.1584079	-7.2937520	-3.9790	0.0170
161.1632463	0.0160412	-60.9656420	0.0154964	288.1508664	-1.7858679	-15.3383	0.0209
317.7042390	0.0172917	38.2177224	0.0199601	82.4438746	-6.7429474	0.5412	0.0242
256.0388842	0.0168853	-37.7675083	0.0104805	347.8404827	2.1871549	-1.1332	0.0247
125.0337637	0.0243856	-47.6601681	0.0252689	264.0603243	-6.3617886	-10.2603	0.0342
84.8927472	0.0452993	-25.1481713	0.0546177	229.1763032	-26.2496304	1.4417	0.0618
205.7529403	0.0617389	-38.3356887	0.0372047	313.9290432	23.4322565	-10.0888	0.0742
354.0044221	0.0142139	52.6325257	0.0145174	111.4914073	-8.5558412	8.3857	0.0178
244.9972798	0.0325342	-57.9078518	0.0219603	327.8544223	-5.5145010	-1.6749	0.0438
189.5657026	0.0271633	-61.6020267	0.0262408	301.3657292	1.2296514	-9.7592	0.0346
102.9432358	0.0264886	0.4657262	0.0255101	212.5556164	0.2869016	-1.3612	0.0322

229.7886811	0.0206984	-52.0671104	0.0243906	324.6766278	4.4563132	-3.6197	0.0288
305.7263612	0.0196716	64.1829335	0.0179291	98.3780357	15.0616250	3.3316	0.0281
22.0236241	0.0729370	43.8774376	0.0681000	129.8849636	-18.4988699	3.8756	0.0858
201.2988162	0.0179079	-49.8297017	0.0304216	308.5004366	12.6767092	-8.7395	0.0345
308.0536434	0.0476910	43.0659810	0.0571183	81.5202289	1.9818936	3.1847	0.0608
240.5852006	0.0147572	-49.9691292	0.0099726	331.3715535	2.0587191	-7.5261	0.0194
273.2641392	0.0268415	-18.3123189	0.0234785	12.3350587	-0.1392573	0.6836	0.0331
339.8455531	0.0245781	75.6576325	0.0224152	114.9041390	14.8864778	7.7923	0.0314
153.8932613	0.0243119	-49.2241086	0.0272352	278.5343292	6.1211566	-25.0177	0.0340
97.0448390	0.0368829	-4.8990376	0.0381492	214.6642162	-7.3989173	-4.2894	0.0417
272.4027285	0.0268037	-19.3575372	0.0229732	11.0264048	0.0718616	0.7260	0.0320
268.3165982	0.0335857	-34.6208769	0.0267968	355.9496754	-4.3101850	3.3988	0.0423
40.5547296	0.0338610	42.6991916	0.0320037	143.7091735	-15.6590814	0.8768	0.0481
245.0228316	0.0260191	-20.0565075	0.0147901	355.4948362	20.8819414	-11.6407	0.0366
86.7681430	0.0223497	28.2290833	0.0168208	180.7698251	-0.0950567	1.7342	0.0263
82.1254268	0.0168189	34.3358551	0.0128831	173.4899584	-0.1709754	-1.5542	0.0210
80.2257946	0.0203326	30.0962656	0.0141318	176.0988945	-3.8802626	3.2871	0.0243
119.5120868	0.0290436	-60.6147365	0.0296021	273.6870044	-15.7936073	-5.0231	0.0367
86.9769087	0.0178591	35.2391646	0.0148693	174.8559139	3.6792308	1.9416	0.0213
58.1030673	0.0182257	34.4635214	0.0136462	160.2394661	-14.9881823	3.5196	0.0247
357.8390382	0.1378499	-18.9091817	0.0872844	60.5399954	-73.9377939	27.3456	0.1767
57.4919880	0.0354120	23.8484873	0.0198440	167.3121798	-23.2597992	18.3778	0.0460
211.8970419	0.0195262	-48.3301273	0.0281376	315.7727337	12.6338820	-6.6823	0.0331
87.9215606	0.0180016	33.9809937	0.0142779	176.3377524	3.7051426	2.2867	0.0227
86.9389786	0.0230134	27.1675141	0.0171659	181.7563348	-0.5153398	-0.3194	0.0303
87.4192821	0.0204344	26.9422152	0.0154639	182.1699048	-0.2649552	-0.4696	0.0279
82.0741888	0.2344005	34.1198822	0.1713603	173.6462067	-0.3259784	-1.6439	0.2845
114.1074406	0.0144910	-14.4854608	0.0143699	230.9419078	3.0967028	-7.1035	0.0188
98.4950353	0.0217227	-48.1505289	0.0205005	256.8151500	-22.6343746	-6.6426	0.0284
102.0921372	0.0360869	40.9624880	0.0324010	175.0201430	16.8535520	-2.9101	0.0439
100.3969324	0.0146413	-5.7694595	0.0146332	216.9586418	-4.8118556	-0.1440	0.0196
62.3167453	0.0162694	52.8967693	0.0105719	150.2206169	0.8413952	-0.2831	0.0236
58.0762374	0.0175190	52.4715178	0.0156780	148.5552895	-1.1620723	0.9612	0.0244
76.1863676	0.0125860	52.8551540	0.0101447	155.8643736	7.0208037	0.0242	0.0222
95.0108501	0.0144421	1.8715340	0.0143128	207.6634247	-6.1180295	0.6701	0.0185
97.2036383	0.0245865	16.8698767	0.0239133	195.3762856	2.7736127	0.4793	0.0257
80.0340100	0.0189030	39.3824537	0.0126588	168.3771738	1.2873356	0.4996	0.0313
169.9300279	0.0123856	-63.4815790	0.0130727	292.9054264	-2.4094910	-6.8468	0.0156
87.2625154	0.0202745	17.8013918	0.0156599	189.9559536	-5.0733295	1.1225	0.0243
337.0444010	0.0111468	52.3038662	0.0111161	101.8942509	-4.6171157	-2.9269	0.0156
94.7969387	0.0169295	18.6228363	0.0151095	192.7537905	1.5657343	-0.6120	0.0234
91.0696855	0.0177652	22.0407038	0.0151650	188.0757771	0.1467099	0.8566	0.0252
102.0783000	0.0290644	20.0929010	0.0259643	194.5754582	8.3520360	0.5698	0.0347
72.0251823	0.0130988	52.6062239	0.0098436	154.4895593	4.8900125	9.3234	0.0175
94.9494918	0.0190154	22.3188310	0.0178992	189.5571463	3.4319053	0.5122	0.0200
101.7679959	0.0110217	7.5243683	0.0101162	205.7356563	2.4589061	-0.4232	0.0130
87.8383975	0.0246246	25.5242084	0.0194712	183.5803004	-0.6686773	-0.2598	0.0293
330.8911350	0.0138089	48.1916252	0.0141730	96.3101289	-5.8110828	-2.5212	0.0189
64.2460063	0.0205355	50.9513118	0.0148563	152.4208018	0.2420827	2.0287	0.0284
315.1193295	0.0100867	30.1592223	0.0148472	74.8985824	-10.4656855	1.0770	0.0132
92.0529125	0.0137242	-6.1956720	0.0129795	213.5806087	-12.4216525	-2.8923	0.0183

91.2699666	0.0284560	-2.6352201	0.0276922	209.9724666	-11.5119962	-0.7769	0.0365
22.4555910	0.0080949	62.6441038	0.0095200	127.3252129	0.1002289	-1.6436	0.0093
92.7665315	0.0319609	17.2745877	0.0291984	193.0173291	-0.7750182	-0.6130	0.0378
92.0863806	0.0149911	5.2204019	0.0131578	203.3097497	-7.1332859	0.0469	0.0192
91.7761128	0.0154728	5.0217041	0.0141636	203.3388499	-7.4995464	0.0239	0.0222
73.7687379	0.0207947	23.1561736	0.0101495	178.3536405	-12.6230667	1.6179	0.0265
63.7812199	0.0104350	51.1060224	0.0075845	152.1028627	0.1509725	2.2418	0.0156
302.4654362	0.0094733	35.5716868	0.0110395	72.8982903	1.2806166	-3.0969	0.0130
325.3526121	0.0150745	37.2330115	0.0164473	86.0961158	-11.6983200	-4.1019	0.0196
80.9632208	0.0141154	34.1105950	0.0112214	173.1395123	-1.0936907	0.2879	0.0185
99.9485516	0.0150104	-3.6875629	0.0170411	214.8933461	-4.2684714	0.1906	0.0171
99.0296878	0.0253332	17.2117813	0.0219272	195.8738385	4.4819479	-0.1469	0.0313
71.4730530	0.0189845	41.5025008	0.0120215	162.7227824	-2.5779169	-0.0887	0.0259
330.0334677	0.0101939	46.3118264	0.0111222	94.7009972	-6.9579150	-6.2567	0.0149
303.2392761	0.0119963	35.8774649	0.0142045	73.4984280	0.9226550	-2.4475	0.0156
66.2331069	0.0150488	44.3263135	0.0108489	158.0452480	-3.5098032	-0.5224	0.0212
71.3181662	0.0193120	41.4504381	0.0117126	162.6868797	-2.6999447	-0.2189	0.0239
298.1542846	0.0091982	29.3859255	0.0109457	65.7254652	1.0993926	-2.4900	0.0120
85.4840356	0.0178845	27.3004018	0.0138558	180.9673082	-1.5491870	-0.1566	0.0245
105.5347170	0.0136751	-1.9077618	0.0128066	215.8505111	1.5091716	-0.8817	0.0168
72.2290465	0.0202412	41.6548598	0.0137532	162.9719390	-2.0477821	-0.8466	0.0281
338.8886836	0.0106376	57.4718156	0.0105405	105.4453624	-0.7120811	-2.8545	0.0152
34.8833918	0.0089009	57.1217896	0.0118222	134.7027479	-3.7229376	-0.6168	0.0116
343.0343862	0.0137342	58.3286992	0.0125199	107.7922699	-0.9921419	-2.6336	0.0169
27.6258720	0.0110717	62.3906065	0.0121792	129.7157015	0.2993581	-1.1003	0.0129
8.1731981	0.0114847	61.8003871	0.0113501	120.7190292	-0.9907955	-2.3191	0.0144
327.9559699	0.0133742	51.4296369	0.0127505	96.8016057	-2.0926659	-2.4936	0.0175
26.3597162	0.0092314	60.6094855	0.0118102	129.5130826	-1.5704042	-0.8369	0.0122
300.3318914	0.0165144	33.6158170	0.0193523	70.3048493	1.7141722	-2.3257	0.0212
19.3939137	0.0108070	61.3002497	0.0131333	126.0655992	-1.4123659	-0.3182	0.0143
29.8411331	0.0066889	60.7229317	0.0096952	131.1449638	-1.0610776	-1.7933	0.0104
67.2765449	0.0168966	44.4080960	0.0113174	158.5045779	-2.9158619	0.3392	0.0206
7.6026559	0.0090984	59.4984500	0.0098466	120.2622034	-3.2642585	-2.0094	0.0118
53.0965398	0.0147377	52.4778809	0.0151368	146.1333160	-2.9893355	0.8548	0.0224
243.2308309	0.0147117	-52.3582985	0.0094314	330.9936886	-0.8249171	-4.4396	0.0218
303.6335368	0.0119342	41.1772103	0.0137994	78.0921524	3.5903296	-3.9625	0.0157
91.5265716	0.0137158	37.3801820	0.0116465	174.8046832	7.9237745	0.8281	0.0162
102.7132394	0.0289759	1.2965888	0.0302420	211.7112719	0.4610590	-0.5049	0.0347
101.0647725	0.0148544	2.5768291	0.0161497	209.8203364	-0.4207999	-1.6457	0.0177
99.2978462	0.0222154	6.0570636	0.0199923	205.9196427	-0.3933078	-1.5886	0.0262
100.0349308	0.0432405	13.4563269	0.0403671	199.6690368	3.6382450	0.1727	0.0485
94.8562983	0.0406528	15.3365834	0.0362015	195.6773910	0.0632504	0.0650	0.0527
96.3690695	0.0310702	17.6868095	0.0301892	194.2817706	2.4465804	0.2007	0.0372
299.8584800	0.0164181	30.0577509	0.0209036	67.0676594	0.1826449	-3.3506	0.0236
303.6689715	0.0174708	34.7628443	0.0199689	72.7636543	0.0141139	-1.1395	0.0238
68.6809646	0.0261386	47.2596881	0.0162288	157.0893501	-0.2536740	-0.6682	0.0353
7.4993755	0.0189998	62.8208064	0.0178773	120.4863850	0.0509070	-2.0470	0.0223
7.5238997	0.0196504	62.8426467	0.0186697	120.4993559	0.0717432	-2.0320	0.0226
243.2290137	0.0207492	-52.4003052	0.0126934	330.9640811	-0.8547395	-4.3586	0.0304
287.1823930	0.0263506	4.7151176	0.0264532	39.1007960	-1.6833348	-1.5816	0.0335
292.6385749	0.0213836	20.2546906	0.0250395	55.3162209	0.9191731	-2.8447	0.0345

282.5219824	0.0144016	-24.2340330	0.0133904	10.9674523	-10.5087015	-3.1332	0.0188
356.6529685	0.0110250	36.1142344	0.0094297	108.5340709	-24.9384918	-4.4076	0.0156
29.3213021	0.0139902	37.4357734	0.0145203	137.1474124	-23.6115970	9.6170	0.0171
279.3775556	0.0165936	5.0484327	0.0153217	35.8527684	5.3919310	1.1922	0.0227
76.0797052	0.0143704	23.6060128	0.0093583	179.2763746	-10.6520195	3.1424	0.0189
93.1008171	0.0173181	14.5547101	0.0155379	195.5575716	-1.8005205	-0.0340	0.0232
53.1911780	0.0134096	51.5529284	0.0118073	146.7150873	-3.7115765	0.3664	0.0201
92.5889940	0.0229856	12.7395846	0.0239185	196.9124116	-3.1081485	-0.6504	0.0243
82.0302491	0.0169490	32.7251037	0.0125096	174.7864443	-1.1302428	1.4078	0.0224
123.2367923	0.0151033	-22.0515452	0.0157180	241.9161997	6.6630340	-1.1935	0.0180
190.7673070	0.0111615	-66.3645277	0.0121946	302.0917172	-3.5064312	-13.4812	0.0139
253.8685837	0.0170379	-39.4525247	0.0112833	345.4663297	2.4827520	1.1594	0.0247

pmdec	pmdec_error	parallax	parallax_error	pseudocolour	pseudocolour_error
2.1204	0.0159	0.4472	0.0130		
-1.2259	0.0120	0.6268	0.0121		
2.1643	0.0199	0.4418	0.0176		
-2.4317	0.0167	0.9910	0.0178		
-5.7389	0.0111	2.1792	0.0179		
-2.6034	0.0230	0.9805	0.0265		
-0.7365	0.0248	0.6856	0.0202		
-6.4107	0.0181	1.4746	0.0183		
2.1274	0.0176	0.4204	0.0155		
2.7452	0.0449	0.0838	0.0453		
-4.1989	0.0208	0.4976	0.0335		
0.3200	0.0130	0.6725	0.0159		
-3.7177	0.0186	1.1028	0.0206		
-1.7295	0.0150	1.1842	0.0172		
-3.6056	0.0229	0.9029	0.0314		
-9.8186	0.0209	3.0627	0.0251		
-3.3183	0.0172	0.6040	0.0197		
-5.2014	0.0153	2.4593	0.0266		
-1.2754	0.0153	1.1177	0.0140		
-2.2221	0.0165	1.0135	0.0204		
-1.6908	0.0146	1.1257	0.0208		
-5.5120	0.0200	1.5528	0.0205		
-1.9372	0.0223	0.7959	0.0248		
-1.3881	0.0189	0.4822	0.0230		
-2.2978	0.0221	0.9213	0.0237		
-2.1441	0.0124	0.5262	0.0101		
-1.3867	0.0177	0.3220	0.0202		
-3.3780	0.0163	0.4236	0.0173		
-1.9895	0.0341	0.6245	0.0341		
-2.0246	0.0186	0.5817	0.0205		
5.1871	0.0146	0.6591	0.0121		
-4.0861	0.0192	0.2781	0.0185		
-6.5963	0.0167	1.7272	0.0217		
6.9934	0.0280	2.2766	0.0227		
-4.1871	0.0128	2.9064	0.0167		
-4.9587	0.0294	8.5308	0.0402		
2.0196	0.0144	0.4678	0.0141		
-3.4440	0.0309	1.4143	0.0276		
0.8217	0.0278	5.5866	0.0311		
-2.4030	0.0106	0.6159	0.0131		
-19.5763	0.0317	3.3251	0.0311		
-4.0738	0.0278	2.5774	0.0308		
4.4509	0.0244	2.9246	0.0184		
-27.1750	0.0938	5.8381	0.1103		
-1.5406	0.0248	1.9330	0.0308		
-2.1623	0.0164	2.3889	0.0188		
-5.1252	0.0317	1.7128	0.0315		
-7.3452	0.0297	5.5264	0.0306		
-4.7425	0.0395	10.7417	0.0418		
2.3437	0.0384	6.0840	0.0282		

-25.0597	0.0260	5.5793	0.0254
-19.7715	0.0290	3.3241	0.0290
-0.1953	0.0410	0.1186	0.0512
-2.5993	0.0224	0.5387	0.0288
-1.9226	0.0208	0.2498	0.0240
-4.0756	0.0169	0.6087	0.0200
0.3057	0.0166	2.1286	0.0137
-3.7249	0.0139	1.1448	0.0169
-5.7044	0.0148	0.9381	0.0216
11.5085	0.0198	1.5345	0.0199
-5.9663	0.0510	10.8300	0.0558
-8.7194	0.0243	3.2749	0.0310
-6.6459	0.0161	4.2086	0.0220
4.8803	0.0214	2.7493	0.0180
-19.8518	0.0223	3.3215	0.0220
0.3338	0.0191	2.5020	0.0194
-1.0688	0.0170	1.9474	0.0204
-1.9993	0.0425	2.4992	0.0313
-4.7622	0.0281	1.4875	0.0306
-5.3227	0.0305	1.1279	0.0329
8.0103	0.0433	1.8625	0.0375
-10.0304	0.0340	3.5467	0.0362
10.5137	0.0518	1.7202	0.0456
-21.1685	0.0356	5.7224	0.0331
-4.0259	0.0295	2.4212	0.0423
6.2501	0.0247	1.4571	0.0196
4.4029	0.0278	1.8810	0.0253
0.3140	0.0283	1.9035	0.0300
-2.8556	0.0260	2.1785	0.0363
-3.8130	0.0166	0.7260	0.0157
4.8427	0.0266	3.0605	0.0227
2.5602	0.0326	3.1896	0.0265
-2.6290	0.0157	1.4466	0.0209
-2.0641	0.0158	2.3003	0.0187
-10.3274	0.0344	3.5129	0.0280
-3.7638	0.0193	2.0794	0.0194
3.9905	0.0239	2.0229	0.0230
1.0147	0.0467	3.4180	0.0467
-5.0742	0.0174	2.6537	0.0212
-1.3569	0.0232	1.6069	0.0238
0.9130	0.0132	1.6775	0.0158
-5.7507	0.0233	1.3603	0.0257
-1.5480	0.0338	1.0920	0.0445
-0.4833	0.0216	1.6923	0.0295
11.2557	0.0206	2.4582	0.0166
1.1796	0.0383	2.9711	0.0407
-6.4491	0.0150	1.3917	0.0238
20.7603	0.0189	6.1340	0.0220
-5.6553	0.0246	3.0693	0.0325
-4.5802	0.0175	1.0472	0.0224
-2.4166	0.0214	7.0268	0.0302

0.0823	0.0465	3.2528	0.0459		
-14.2962	0.0229	7.0059	0.0333		
-5.2212	0.0234	2.5155	0.0213		
7.2336	0.0242	1.7625	0.0212	1.6943	0.0057
-19.6839	0.0285	3.3084	0.0249		
-5.2765	0.0181	3.5432	0.0245		
3.2744	0.0283	6.3996	0.0247		
-1.0088	0.0253	0.2050	0.0253		
-8.2183	0.0268	1.9770	0.0319		
24.0121	0.0434	6.5470	0.0351	1.7488	0.0087
2.9163	0.0278	4.2978	0.0341		
0.8066	0.0295	2.0965	0.0335	1.6997	0.0067
-1.2832	0.0129	2.4390	0.0165		
-7.3978	0.0277	4.3238	0.0331		
-1.5453	0.0208	1.9429	0.0250		
-20.0018	0.0187	4.9783	0.0251		
11.3369	0.0288	2.4252	0.0202	1.6749	0.0056
10.4431	0.0230	2.9783	0.0182		
8.9433	0.0407	1.3598	0.0312	1.7831	0.0075
-0.3583	0.0261	2.1315	0.0278		
-22.6819	0.7512	40.2133	0.4623	1.3844	0.1077
-2.0725	0.0144	2.4728	0.0171		
-9.0847	0.1285	12.0785	0.1214		
-26.0055	0.0132	2.4376	0.0160		
5.1808	0.0149	1.7933	0.0168		
1.8419	0.0151	0.4186	0.0163		
-20.2938	0.3136	21.8125	0.3735	1.7528	0.0641
0.7635	0.0141	0.6910	0.0120		
6.2277	0.0159	3.1071	0.0169		
5.5611	0.0279	1.4748	0.0244		
4.9408	0.0403	0.7521	0.0325		
23.5317	0.1194	6.6507	0.0930	1.8213	0.0223
0.0880	0.0222	0.4402	0.0213		
3.8226	0.0357	1.0039	0.0334		
0.4975	0.1150	3.6777	0.2002		
2.5478	0.0586	4.0354	0.0461		
-1.3469	0.0183	0.5335	0.0241		
1.7383	0.0281	1.4487	0.0274		
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-3.6976	0.0346	1.3346	0.0354		
-3.0766	0.0218	0.8919	0.0272		
-2.7102	0.0305	1.0799	0.0359		
-2.1887	0.0197	1.8221	0.0197		
-2.9755	0.0178	1.1533	0.0168		
-2.7747	0.0214	1.1461	0.0291		
2.1175	0.0118	0.4854	0.0119		
-0.1640	0.0149	0.6207	0.0147		
-1.1442	0.0112	0.9620	0.0115		
-3.6985	0.0183	0.3461	0.0200		
-5.8264	0.0186	1.5101	0.0223		
-11.9195	0.0682	9.6087	0.0722		

-1.8664	0.0334	0.8920	0.0342		
-0.3264	0.0216	0.2474	0.0249		
-1.9920	0.0204	1.2534	0.0251		
-9.4753	0.0194	3.4802	0.0237		
-6.0312	0.0202	0.9636	0.0173		
-2.8110	0.0302	1.0656	0.0402	1.7561	0.0039
12.9166	0.0523	5.2721	0.0451		
-2.2889	0.0165	0.5850	0.0156		
-11.1564	0.0255	2.4253	0.0256		
-1.5723	0.0254	1.8995	0.0193		
-4.1104	0.0216	1.1923	0.0207		
7.5089	0.0165	1.6143	0.0141		
-10.4992	0.0179	1.4344	0.0216		
-2.8926	0.0214	1.2576	0.0238		
-5.0911	0.0353	1.6278	0.0436		
-3.4143	0.0153	1.1063	0.0176		
-2.3181	0.0240	0.6672	0.0348		
-5.7707	0.0728	5.3093	0.0713		
3.6396	0.0418	1.5248	0.0411		
2.5836	0.0297	3.1636	0.0298		
-1.4529	0.0346	1.3469	0.0382	1.7249	0.0060
-1.4907	0.0414	3.1991	0.0596		
-0.2952	0.0243	0.2119	0.0267		
-2.9908	0.0169	0.8220	0.0188		
-2.9716	0.0206	1.3293	0.0326		
-1.2604	0.0350	1.2787	0.0343		
-0.4907	0.0413	0.5442	0.0269		
7.7499	0.1711	1.5385	0.1707		
3.8513	0.0258	1.0107	0.0241		
-2.8038	0.0241	1.2155	0.0366		
11.3311	0.0231	2.4885	0.0194		
5.6449	0.0308	0.8565	0.0273		
-1.1209	0.0289	0.4436	0.0310		
13.5169	0.0287	2.6424	0.0214		
11.4662	0.0411	5.1153	0.0366		
9.9393	0.0366	2.8498	0.0319		
1.3069	0.0937	0.8820	0.0965		
-3.4598	0.0193	0.8523	0.0234		
6.8894	0.0253	1.9339	0.0239		
11.7766	0.0305	6.6063	0.0300		
-5.3963	0.0247	1.7895	0.0247		
2.3279	0.0189	2.5656	0.0180		
-3.7520	0.0242	1.8040	0.0260		
-9.5645	0.0170	2.1128	0.0196		
9.1501	0.0329	2.5159	0.0281		
6.6516	0.0688	2.3397	0.0699		
0.0073	0.0431	1.3894	0.0613		
-1.9947	0.0183	2.2573	0.0211		
-2.1898	0.0358	1.0369	0.0407	1.7313	0.0067
-3.6174	0.0367	1.8897	0.0366	1.7109	0.0073
-2.2421	0.0275	1.1569	0.0299		

-7.4220	0.0340	1.2688	0.0294		
0.4347	0.0241	2.1291	0.0202		
-4.5311	0.0868	2.0609	0.1067		
-2.6219	0.0382	1.1638	0.0385		
-0.6028	0.0638	2.0241	0.0594		
-5.0590	0.0150	1.9790	0.0189		
-8.4590	0.0246	1.7275	0.0321		
1.0063	0.0302	2.9785	0.0254		
7.8632	0.0351	3.5774	0.0319		
-1.5034	0.0448	3.1836	0.0448		
-8.5329	0.0250	1.7715	0.0299		
-6.0603	0.0262	3.5661	0.0359		
-5.8041	0.0439	1.9134	0.0417		
-24.7762	0.0284	7.6496	0.0297		
-1.2679	0.0168	1.4606	0.0249		
-4.6138	0.0158	0.7964	0.0187		
-5.9746	0.0168	1.2478	0.0228		
11.2010	0.0309	2.4073	0.0312		
-6.4800	0.0140	1.4202	0.0214		
-4.5105	0.0195	2.5408	0.0228		
-3.9406	0.0969	9.9804	0.1542		
-45.8703	0.0258	7.3890	0.0383		
-3.3464	0.0376	1.4015	0.0315		
-6.9024	0.0139	1.3612	0.0194		
-0.9881	0.0181	1.1040	0.0239		
-0.6984	0.0164	1.0778	0.0236		
-4.6417	0.2035	0.7280	0.2729	1.4981	0.0489
1.1096	0.0163	2.1182	0.0203		
10.4941	0.0273	2.1283	0.0220		
-8.3129	0.0357	1.8537	0.0383	1.6800	0.0095
-1.0986	0.0162	0.8634	0.0179		
-0.3792	0.0181	0.3200	0.0221		
-1.5701	0.0226	0.4320	0.0237		
-1.3942	0.0172	1.1057	0.0158		
-2.2958	0.0165	0.3739	0.0171		
-0.0463	0.0228	0.1541	0.0270		
-1.2966	0.0192	0.3236	0.0219		
2.3590	0.0178	0.4462	0.0149		
-2.6398	0.0164	0.5377	0.0235		
-2.7243	0.0136	0.3829	0.0133		
-1.4221	0.0182	0.6053	0.0188		
-1.5245	0.0179	0.3201	0.0199		
-1.3673	0.0290	1.3164	0.0311		
-16.9753	0.0147	3.3134	0.0178		
-2.4491	0.0169	0.5768	0.0227		
-2.2143	0.0111	0.6888	0.0120		
-2.5476	0.0199	0.9431	0.0315		
-3.0811	0.0175	0.4437	0.0170		
-2.3242	0.0241	0.9217	0.0280		
-4.7830	0.0189	1.1848	0.0200		
0.8222	0.0165	1.2045	0.0172		

0.3631	0.0353	1.7602	0.0392
-0.3335	0.0119	0.3481	0.0128
-4.5087	0.0308	1.7363	0.0417
-1.3920	0.0153	0.4711	0.0168
-1.3331	0.0173	0.3965	0.0180
-6.0316	0.0197	0.7511	0.0231
-2.1649	0.0136	0.9911	0.0148
-6.8773	0.0146	0.5422	0.0130
-6.8664	0.0207	1.1209	0.0244
-3.1517	0.0144	0.3753	0.0163
-0.6082	0.0161	0.4585	0.0197
-0.3346	0.0268	0.2145	0.0277
-1.3454	0.0204	0.2956	0.0207
-4.6262	0.0129	0.4212	0.0144
-4.5600	0.0182	0.2720	0.0163
-1.0176	0.0143	0.3451	0.0215
-1.3358	0.0192	0.2741	0.0210
-5.0886	0.0139	0.2802	0.0137
-4.4552	0.0134	0.7733	0.0182
0.8477	0.0150	0.2599	0.0154
-3.0438	0.0227	0.9578	0.0236
-2.2891	0.0112	0.3346	0.0137
-1.1723	0.0142	0.3881	0.0153
-2.0019	0.0154	0.3255	0.0155
-0.2746	0.0143	0.3344	0.0169
-0.8798	0.0146	0.2831	0.0154
-3.3260	0.0148	0.5055	0.0153
-0.2972	0.0133	0.2450	0.0191
-5.0256	0.0247	0.2931	0.0229
-0.3789	0.0170	0.3158	0.0173
-0.3556	0.0123	0.7789	0.0143
-1.2880	0.0142	0.3501	0.0205
-2.1729	0.0131	0.6032	0.0130
-1.9954	0.0218	0.4016	0.0228
-4.5838	0.0169	0.3715	0.0208
-4.5264	0.0177	0.5140	0.0150
-4.4329	0.0116	0.7491	0.0164
-0.1009	0.0320	0.1975	0.0394
0.7869	0.0151	0.6577	0.0198
0.5757	0.0219	0.6677	0.0249
-0.6075	0.0418	0.2265	0.0440
-0.4211	0.0402	0.2395	0.0409
-0.9051	0.0292	0.2672	0.0354
-6.1592	0.0267	0.2028	0.0261
-3.4692	0.0251	0.3419	0.0252
-0.9868	0.0232	0.3319	0.0317
-0.4230	0.0252	0.2408	0.0238
-0.3126	0.0244	0.2289	0.0247
-4.6119	0.0234	0.3731	0.0282
-3.8207	0.0304	0.3016	0.0338
-6.4958	0.0330	0.3816	0.0351

-8.0029	0.0152	1.8976	0.0157
-13.0683	0.0115	2.7946	0.0166
-11.8282	0.0193	2.2405	0.0166
-5.1584	0.0185	2.1545	0.0185
-3.6546	0.0134	1.0984	0.0155
-3.0679	0.0176	0.4164	0.0203
-1.5479	0.0171	0.3239	0.0189
-0.6761	0.0201	0.2272	0.0303
-3.6441	0.0165	0.5954	0.0197
0.3923	0.0198	0.9246	0.0238
-3.3903	0.0170	2.4579	0.0153
-0.7188	0.0186	0.7422	0.0204

parallax_pmra_corr	parallax_pmdec_corr	pmra_pmdec_corr	parallax_pseudocolour_corr
0.0227	-0.0712	0.1947	
-0.1992	0.1391	-0.2753	
0.0792	-0.0038	0.0822	
0.1134	-0.0106	-0.0552	
0.0132	0.3662	0.2101	
-0.1905	-0.1494	0.2446	
-0.1910	0.3073	-0.5448	
-0.1484	-0.1365	0.2985	
0.1530	0.0174	0.1253	
0.0559	-0.0090	0.2167	
-0.3290	0.3850	0.0222	
0.1493	0.2883	-0.1515	
0.2063	0.0877	-0.0640	
-0.1511	-0.0062	-0.1521	
0.2180	0.2292	0.0597	
0.1969	0.2115	-0.0810	
0.1571	0.1989	-0.1316	
0.1754	-0.0954	0.1387	
0.0047	-0.1203	-0.1680	
0.2717	0.2768	0.2244	
0.1507	0.3244	0.0623	
-0.2192	-0.1426	-0.1668	
0.0338	0.0251	0.1663	
-0.0974	-0.0613	0.0334	
0.1309	0.0636	0.0127	
-0.0768	-0.0282	-0.0363	
-0.0403	0.0981	-0.0173	
-0.1789	0.0848	-0.0245	
0.0044	0.1610	0.0263	
0.1073	0.2941	-0.0443	
0.0557	0.0170	0.0737	
-0.2386	-0.0127	-0.1261	
0.0989	0.0689	-0.0718	
0.0044	-0.1038	0.1931	
-0.0722	0.1109	0.0671	
0.2661	-0.1276	0.0411	
0.2363	0.0454	0.0947	
-0.0828	0.0644	-0.0521	
0.1228	0.0478	-0.4393	
-0.0178	0.1051	0.4148	
-0.2178	-0.0124	0.0531	
0.0622	0.0394	-0.2657	
0.1095	0.0242	0.0997	
0.3149	-0.1328	0.1176	
0.3320	-0.3081	-0.4727	
0.0881	-0.0702	0.2499	
-0.3693	0.3483	-0.2453	
0.0885	0.0597	0.3744	
-0.1378	-0.2014	0.0397	
0.0473	-0.0716	0.0896	

0.0798	-0.0463	0.2279
-0.1818	0.1414	-0.0971
-0.1783	0.3684	-0.3829
0.0165	0.3793	-0.2261
0.1016	0.1635	-0.0357
0.0687	0.3882	0.1367
-0.1152	-0.0496	-0.1305
-0.1034	0.0694	0.1351
-0.1707	0.2719	0.2057
0.3074	0.0820	0.2069
-0.2465	-0.2229	0.0807
-0.2431	0.3080	-0.0085
-0.2597	-0.1871	-0.1061
0.0618	-0.0296	0.1600
-0.2637	0.0914	-0.0153
-0.0050	-0.1416	-0.1196
0.0093	-0.0153	-0.2905
-0.4492	-0.2262	0.6863
0.1081	0.2414	-0.2207
-0.2912	0.0458	0.2015
0.2190	-0.0967	0.0087
-0.0635	0.4343	0.1656
0.1919	-0.0260	0.2210
-0.0962	0.1634	-0.4606
0.3189	-0.0390	-0.5921
0.0071	-0.1035	0.1376
0.0684	-0.0543	0.1045
-0.2156	0.1325	-0.2943
-0.0156	0.0474	-0.6620
0.0435	0.0318	-0.3368
0.0960	-0.0659	-0.0017
-0.0044	-0.0705	-0.0542
-0.0382	0.1483	0.1606
-0.1421	0.0191	-0.2737
0.0398	0.2154	0.0099
-0.0565	0.0923	-0.0217
0.1341	-0.0400	0.0921
-0.2896	-0.1751	0.4917
-0.1613	0.1384	-0.1937
-0.1014	-0.0147	-0.3063
-0.0661	-0.0670	0.3398
-0.2124	0.3130	0.2779
-0.1693	0.3308	0.0940
0.0432	0.0075	-0.3915
-0.0741	-0.3057	0.1188
-0.1943	-0.3595	0.0900
0.1711	0.3460	-0.2618
-0.1953	-0.0064	-0.2267
0.3986	-0.0763	0.1833
-0.0350	0.3882	-0.0427
0.3637	0.0760	-0.1662

0.1214	-0.0411	-0.2266	
-0.1813	-0.1958	0.1373	
-0.1458	-0.2455	0.0524	
0.0809	-0.1528	0.0916	-0.0337
-0.2208	0.0124	-0.0322	
-0.1332	0.3058	0.1840	
-0.0463	-0.0892	-0.0017	
0.1084	0.2685	0.1392	
0.2618	0.0633	0.0516	
0.0521	-0.2207	0.0105	-0.0035
-0.0836	-0.3039	-0.0790	
0.2625	-0.0090	-0.2093	-0.0339
0.3058	0.1407	0.1420	
0.1024	0.3297	-0.3477	
0.2983	0.1613	-0.2014	
0.1786	-0.2796	-0.2441	
-0.0250	0.0984	-0.1741	0.0254
0.0849	0.0976	-0.0625	
0.1688	-0.0499	0.0570	0.0064
-0.0534	-0.0947	-0.1146	
0.0001	-0.5540	-0.2161	0.1454
0.0876	0.0019	0.1873	
-0.0321	-0.5254	-0.2581	
-0.1960	-0.1258	-0.1558	
0.0311	-0.0406	-0.0142	
0.1039	0.0070	0.3189	
0.1680	0.0928	-0.0291	0.1667
-0.0211	0.0727	-0.0064	
0.0062	0.1251	0.3273	
0.0644	-0.0586	-0.0233	
0.1564	0.3120	0.0482	
0.0223	0.0797	-0.0571	-0.0887
0.1817	0.1696	0.2545	
0.2613	0.0712	0.2038	
-0.6490	-0.1835	0.1454	
-0.1917	0.0030	0.0253	
-0.0117	0.1846	-0.2023	
-0.0753	-0.0885	-0.1742	
-0.1442	0.1364	-0.2298	
0.1021	0.1950	-0.1775	
-0.2137	0.1860	-0.2640	
-0.0173	0.2126	-0.1780	
-0.0962	-0.0719	-0.0127	
-0.2664	0.1549	-0.3465	
0.2996	0.2028	0.1668	
0.0550	-0.0270	0.1085	
0.0812	0.0601	-0.2317	
-0.0038	-0.2029	-0.0028	
0.0560	-0.1064	0.0392	
-0.1291	-0.0057	0.1344	
0.1310	0.1136	0.5368	

0.1076	0.0408	0.0411	
0.1274	-0.1312	-0.0554	
0.1368	0.2331	-0.1867	
-0.0690	0.2442	-0.1013	
-0.0716	-0.1280	-0.0879	
0.0561	0.1386	0.6078	0.0410
-0.0972	-0.0752	0.2606	
-0.1656	0.2504	-0.2754	
0.0512	0.1023	0.3686	
-0.1454	0.0700	0.0911	
0.0423	0.1087	-0.1687	
0.2825	0.0545	0.2482	
-0.1376	0.2385	0.0117	
-0.0264	-0.0505	0.1308	
-0.0898	0.1401	0.0173	
-0.0513	0.0509	-0.1277	
0.1888	0.3714	-0.2192	
-0.1781	0.1800	-0.3564	
0.1667	-0.1696	0.1121	
-0.1179	0.0584	-0.1193	
-0.0855	0.0146	0.1450	0.0174
-0.1998	-0.3445	-0.0925	
0.0040	-0.0801	-0.0085	
0.1100	0.1530	0.1005	
0.1690	0.2194	0.1839	
0.2078	0.0973	-0.3728	
0.1117	-0.0175	-0.7471	
-0.1229	-0.3117	0.1831	
0.3242	0.0707	0.2552	
0.3562	0.3873	0.1427	
0.0507	0.0580	0.0534	
0.0754	-0.2065	0.1080	
-0.0232	0.0823	0.3218	
0.2294	-0.0770	-0.2636	
-0.1737	-0.1382	0.1042	
0.1760	0.0261	0.1111	
0.1669	-0.1650	-0.3051	
0.0922	0.2416	-0.1812	
0.2035	0.1452	0.2927	
0.1660	0.0694	-0.0008	
0.0094	0.0436	-0.0965	
0.1666	0.0942	0.0963	
-0.1154	-0.0423	-0.0521	
0.0585	0.2445	-0.1149	
0.0879	-0.0729	-0.0334	
0.0433	-0.0046	-0.0330	
-0.0900	0.3319	0.0318	
-0.1035	-0.1033	-0.2942	
0.0330	0.0683	0.1028	-0.0983
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0.0522	0.0644	-0.0015	

0.1842	-0.1124	-0.4905	
-0.2336	-0.1344	-0.1028	
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-0.2817	0.4431	-0.1847	
-0.1547	-0.0515	-0.1186	
-0.0833	0.1400	-0.1592	
-0.2622	0.2280	0.2397	
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0.1021	0.1133	0.2087	
0.0794	0.0767	-0.1784	
-0.1426	0.2263	0.3484	
-0.0627	0.2496	0.1261	
-0.0613	0.2844	-0.0919	
-0.3599	0.1106	-0.2228	
0.1203	0.3306	-0.2658	
0.0063	0.1240	-0.0446	
0.0128	0.3082	-0.1004	
0.1840	-0.1979	0.0440	
0.3191	0.4392	-0.1100	
0.2479	-0.0073	0.2660	
-0.4413	-0.4674	0.1319	
0.3437	-0.3291	-0.0820	
-0.1194	0.1046	-0.0824	
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0.0295	0.3091	-0.2293	
0.1649	0.2903	-0.1547	-0.0279
0.1950	-0.2208	-0.0323	
-0.0814	-0.0936	0.0179	
0.2805	0.0187	-0.1895	-0.0451
-0.1098	0.1111	-0.0376	
0.1509	0.0953	-0.0359	
0.0029	0.0170	0.2323	
0.0345	0.1443	0.0458	
0.0694	0.2554	-0.2997	
0.1527	0.2587	-0.2909	
-0.2391	-0.0806	0.0689	
-0.0059	-0.0637	0.1671	
0.1818	0.2753	-0.1914	
-0.0363	0.0432	-0.1983	
0.1773	-0.0160	-0.3593	
-0.1386	0.2385	-0.4131	
0.1134	0.1359	-0.1663	
0.0079	0.0606	-0.2967	
0.1283	0.3571	-0.1686	
0.1578	0.0801	-0.0691	
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-0.0038	-0.1232	-0.3263	
0.0775	0.0309	-0.0011	
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0.0213	0.2985	-0.1627	

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-0.1106	0.1640	0.0420
0.0910	-0.2716	-0.3007
-0.1041	-0.1251	-0.2869
0.1054	0.2424	0.0899
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1.7279	0.9669	1.0000	236024.48
1.7307	6.1674	0.9370	1847018.88
1.7444	0.9067	1.0000	14101032.51
1.6905	1.2890	1.0000	1165941.19
1.7444	0.8396	1.0000	8823907.46
1.7742	1.1628	1.0000	1986932.13
1.6277	0.8377	1.0000	104897633.75
1.7273	0.9792	1.0000	11482937.73
1.8153	1.0114	1.0000	48288443.34
1.7939	0.9952	1.0000	20023302.60
1.7452	4.5863	0.9580	2337281.16
1.7317	0.9369	1.0000	1953663.89
1.7758	0.9307	1.0000	5612491.82
1.7830	0.9307	1.0000	38826500.61
1.7635	0.9399	1.0000	7074182.21
1.7354	0.8828	1.0000	5487268.50
1.7617	1.0123	1.0000	5367984.46
1.7169	0.8076	1.0000	5807862.69
1.7938	0.8051	1.0000	9241184.45
1.7813	2.5020	1.0000	8866572.57
1.7888	2.0111	1.0000	5728519.00
1.7448	0.9785	1.0000	3813466.50
	1.1265	1.0000	1540603.66
	0.9058	1.0000	8628333.67
1.7812	0.9731	1.0000	4453713.36

1.7536	0.9952	1.0000	1767990.46
1.6900	1.2948	1.0000	3984727.30
1.7852	1.9286	1.0000	10082477.71
1.7682	1.1657	1.0000	1355662.11
1.7672	2.6659	1.0000	4272061.92
1.6664	0.8709	1.0000	1551916.21
1.7537	0.8273	1.0000	5545140.64
1.7655	0.9709	1.0000	10669996.47
1.7885	0.9267	1.0000	14663450.87
1.7960	1.0766	1.0000	12532034.19
1.6963	1.0525	1.0000	8918655.62
1.7558	0.6388	1.0000	31472789.41
1.7385	1.1799	1.0000	7958717.30
1.6781	1.1094	1.0000	22639516.34
1.7254	1.0064	1.0000	4483925.94
1.6873	1.1081	1.0000	1035599.23
1.6459	1.0392	1.0000	561626.57
1.7653	1.1216	1.0000	17419177.77
1.6812	0.9952	1.0000	3294191.29
1.7085	1.0339	1.0000	2846483.83
1.8208	0.8814	1.0000	163485160.63
1.7389	0.9739	1.0000	35676181.95
1.7521	1.2291	1.0000	5587659.03
1.6896	0.9876	1.0000	942426.12
1.6792	0.9966	1.0000	283748.45
1.6982	1.0895	1.0000	1058294.60
	20.8753	0.7173	421162.74
1.7373	0.8856	1.0000	3186148.91
1.7650	1.1468	1.0000	2914959.36
	1.2144	1.0000	5539134.44
1.6544	0.8367	1.0000	325891.69
1.5316	1.0138	1.0000	27369.80
1.4822	1.0005	1.0000	21402.95
1.5908	1.0212	1.0000	228917.30
1.5871	1.0650	1.0000	57625.62
1.6368	1.1223	0.9717	35810.28
1.5842	0.9610	1.0000	40063.62
1.5977	1.0714	1.0000	117766.90
1.7086	1.1667	1.0000	220277.47
1.6627	1.0316	1.0000	73031.44
1.6343	1.0033	1.0000	126113.55
1.5539	0.9913	1.0000	45646.11
1.7790	1.0811	1.0000	4215811.76
1.6069	1.0097	1.0000	5052506.58
1.6046	1.2962	1.0000	173947.13
1.6081	0.8641	1.0000	319343.92
1.7038	1.3570	1.0000	773643.65
1.6099	1.0236	1.0000	31053.91
1.6295	1.2651	1.0000	550290.59
1.7177	1.3159	1.0000	928528.54
1.6364	0.9016	1.0000	751597.40

1.6430	2.3301	1.0000	1052393.27
1.5860	0.9639	1.0000	76193.29
1.7775	1.1897	1.0000	5088231.08
1.6963	1.1054	1.0000	178253.04
1.6593	0.9729	1.0000	51464.86
1.6258	1.0938	1.0000	434997.31
1.6026	0.9612	1.0000	237636.93
1.6034	1.0014	1.0000	55938.48
1.6713	1.5523	1.0000	485894.22
1.5837	1.0081	1.0000	65701.96
1.6656	1.2078	1.0000	287654.40
1.6143	0.9184	1.0000	21246.80
1.6285	1.0480	1.0000	35512.23
1.6628	0.9998	1.0000	54301.97
1.5037	0.9782	1.0000	26449.87
1.5387	1.0387	1.0000	42076.71
1.6280	1.0083	1.0000	39968.65
1.6085	0.9292	1.0000	56509.87
1.5846	1.2635	1.0000	183992.54
1.6747	0.9811	1.0000	56866.58
1.6721	1.2612	1.0000	613769.33
1.5997	0.9625	1.0000	84692.04
1.5785	1.0666	1.0000	67241.46
1.5332	1.0267	1.0000	39052.35
1.5985	0.9952	1.0000	39089.18
1.5436	0.9885	1.0000	49961.09
1.5327	0.9650	1.0000	35372.61
1.5304	1.0103	1.0000	31112.55
1.5156	1.4567	1.0000	26531.81
1.4375	1.0399	1.0000	29788.54
1.4819	0.9922	1.0000	60994.51
1.5971	1.0514	1.0000	37293.10
1.5539	0.9402	1.0000	76525.57
1.4700	0.9453	1.0000	30292.06
1.4402	0.9689	1.0000	33817.91
1.4836	1.0488	1.0000	37266.16
1.4449	1.1468	1.0000	836016.32
1.5649	1.0232	0.9907	14212.76
1.6172	0.9719	1.0000	76358.80
1.7250	1.1698	1.0000	374429.68
1.5609	0.9566	0.9985	6732.85
1.4983	1.0023	0.9985	8023.74
1.6183	1.0186	0.9976	19645.83
1.4831	0.9590	1.0000	11455.80
1.4906	0.9935	1.0000	13281.72
1.4525	0.9979	1.0000	12572.03
1.5248	1.0080	1.0000	16358.43
1.5145	1.0803	1.0000	16937.27
1.4758	0.9456	1.0000	17632.81
1.4426	1.8057	0.7856	39558.51
1.4222	0.9580	1.0000	9366.77

1.6078	0.7790	1.0000	1840199.99
1.6160	0.9997	1.0000	4632111.65
1.6055	1.1033	1.0000	1743955.81
1.5908	0.9941	1.0000	2739053.44
1.6073	0.9288	1.0000	363124.46
1.6016	0.9946	1.0000	40517.69
1.5263	1.0328	1.0000	41416.15
1.5700	0.9913	0.9937	38053.36
1.6802	1.0330	1.0000	271084.89
1.7722	1.0749	1.0000	1167175.06
1.7168	0.8197	1.0000	2401476.25
1.6732	0.8118	1.0000	1274943.23

phot_g_mean_flux_error	phot_bp_mean_flux	phot_bp_mean_flux_error	phot_rp_mean_flux
17.47	37974.67	35.84	40914.12
31.32	114172.40	70.91	118286.28
6.61	14215.82	23.93	17039.65
79.90	207360.22	97.02	179128.57
265.57	566419.25	541.43	481233.43
687.40	1341051.89	876.35	920304.03
28.84	77250.00	71.35	86171.34
53.18	161195.70	128.03	179602.03
9.59	20953.17	17.53	23379.02
2.60	1983.62	11.17	3871.81
250.65	186476.92	1718.22	194996.00
42.79	120519.92	113.58	142085.25
379.93	976288.79	392.42	651429.22
216.61	374922.71	229.20	261257.06
220.27	297596.19	436.04	211311.37
3229.45	3817920.37	6640.08	2222992.79
87.74	74765.84	118.53	82183.69
767.56	1223687.28	1130.52	976090.97
272.97	621991.93	399.35	471114.31
550.35	727689.68	1034.54	516050.44
478.72	541095.93	1033.75	453976.16
468.47	1414568.72	485.53	881633.98
136.97	253580.10	207.82	196290.77
65.39	94406.28	100.02	109943.61
220.09	253302.43	311.23	209310.00
53.40	85363.22	107.75	111793.55
36.20	20583.01	56.53	20867.32
15.08	15785.66	27.93	18308.34
25.69	37980.36	53.46	45581.30
327.30	205666.63	754.66	172675.13
18.07	38903.39	30.60	63055.96
33.81	9492.64	54.25	16934.79
777.87	1451757.07	933.67	1151272.99
1537.19	2795104.16	3107.83	1568798.34
600.19	1135852.67	1567.48	975032.84
24062.77	46941885.73	59216.34	25999381.94
9.88	29879.71	23.14	32934.66
763.50	1237312.94	516.73	793837.07
3439.62	8576545.31	3697.43	5680916.98
30.90	61365.55	54.71	49257.03
11017.37	25833225.05	35315.85	15154006.49
1605.55	2759625.60	2782.44	1574521.75
2037.24	3252467.34	3429.72	1890107.07
7578.96	14452829.37	8038.67	8542097.66
876.69	1805554.94	1628.40	1056919.25
1150.19	2695654.34	2123.57	1670768.04
747.93	1293739.83	1276.70	990939.86
7238.58	16219773.01	14122.74	8905880.30
45712.41	75141341.46	85401.98	42170739.77
22484.66	30089422.38	54407.23	16292775.32

5510.50	11640825.12	6871.65	8052362.62
11062.17	25851324.89	17166.14	14517053.00
6.74	4660.67	31.55	4252.28
8.51	9602.33	18.68	16758.26
18.06	12329.70	28.46	14533.61
13.33	25868.48	20.43	29787.78
906.59	1369060.80	1652.43	1036743.13
5126.63	2177050.58	11983.07	1530333.96
460.40	1174375.08	353.94	1166180.66
1172.22	3874265.03	1975.55	2407779.75
54221.17	80534598.18	93882.91	45732548.33
19276.93	8903299.39	34061.77	7414349.79
1379.27	4101231.07	1150.43	2655795.18
2033.44	4685433.82	3051.78	3142547.79
2215.13	5298572.02	2326.85	3102924.65
527.32	2018259.08	674.04	1589319.16
590.33	2019204.48	734.48	1245435.23
5825.15	10675307.65	32551.78	7113814.18
5045.64	3821353.50	12583.47	2058564.63
1522.34	2925096.88	2374.71	1802266.46
844.90	1781417.87	1413.98	1059089.87
3307.16	6800425.65	3290.22	5356341.76
1811.31	3963916.68	2993.54	2499055.80
28305.80	23652268.26	60981.33	14056418.53
2421.05	4492756.91	4200.24	2760647.62
862.75	1312638.14	1562.78	728849.33
1701.94	1618455.11	3487.46	958636.22
9201.76	7462446.36	19383.93	4468776.26
2765.32	5716897.27	4247.98	3139458.77
333.12	561738.31	601.94	421128.73
4443.24	4241301.62	11188.09	2331357.12
6446.24	8768224.12	13566.92	4716584.80
1778.56	1962383.03	3529.79	1277212.99
1754.82	4250248.35	2520.32	2622454.24
19240.46	37418621.76	42696.37	21755166.66
3056.90	3828810.22	5396.34	2351668.48
929.10	2572504.93	1439.92	1408949.23
12205.18	12413435.95	27263.34	6416718.15
1079.33	2152679.32	1269.99	1805419.61
833.39	1278720.14	1375.75	735096.51
1313.46	2081102.30	2208.70	1764067.01
5128.75	3177266.58	12141.46	2146816.54
1698.14	675854.68	4379.85	451905.50
627.91	1737652.66	870.78	973585.90
1968.83	2440459.56	3734.58	1579810.83
3176.83	4463535.82	4041.02	2456846.45
1168.80	3026405.64	1180.00	2354757.30
3550.53	10009981.00	4478.27	6880789.09
607.41	1512749.26	680.40	1755224.16
179.73	311482.19	169.75	232594.62
5564.18	11124136.75	8961.54	7793486.10

5377.75	7253132.56	8301.75	4371443.13
44765.05	37546089.33	86071.53	22508410.95
854.02	2097105.79	1158.03	1391582.70
316.49	673870.85	333.88	471412.23
4713.24	11896549.78	6903.01	6882340.51
2095.76	5686001.99	2315.09	3709771.91
10605.69	16144515.02	19328.98	9357764.60
12.69	13002.59	21.68	12587.54
2117.11	3561602.37	6475.63	2254596.51
12827.54	18173212.75	11334.13	10423404.41
3310.73	6735595.27	6204.05	3869091.57
498.72	827846.16	352.95	575036.33
1134.01	2830585.34	1463.97	2636174.64
12229.84	18321612.73	26858.15	12557563.15
268.81	569654.51	412.03	418363.56
2170.50	5260575.89	2658.83	3628897.24
349.23	837848.34	395.63	627178.18
651.41	1762573.55	689.09	1145012.40
1053.01	1362934.89	1048.43	730168.22
2156.54	3499759.82	4015.83	1984073.25
8618203.00	887477084.48	42137696.00	842624090.96
712.68	2415090.37	795.66	2331460.01
105295.66	90236356.97	124104.77	56453298.95
315.61	645024.46	3990.84	611487.96
202.18	1181388.22	238.53	1144801.64
9.15	21977.16	13.74	23573.98
1345924.80	507573483.82	6924584.00	425570283.74
11.41	34950.22	17.64	47031.96
396.33	1312206.75	715.53	992868.48
2332.26	5237895.91	4057.48	2806569.19
22033.45	38550818.73	39416.50	22445025.01
427409.28	176544016.77	476821.84	83383428.72
4154.57	8979272.02	5697.63	6290820.47
3609.49	7651128.33	5760.22	3879222.92
670315.90	235623564.80	1497243.10	112601161.51
85440.63	53674803.66	201373.11	25054848.68
346.43	288180.03	633.41	228746.13
1622.79	4194546.14	2132.94	2317245.15
493.99	733088.32	809.03	811460.83
1417.47	2892410.08	1497.33	1554107.74
732.68	807139.49	1675.97	517952.81
1766.80	2892533.14	2908.20	1473185.59
862.10	2067728.35	1190.36	1261294.72
634.38	1196692.49	1003.07	820700.63
2214.33	4300953.72	2434.15	3011325.15
21.29	62544.23	42.03	71069.02
23.60	56893.26	45.10	76893.19
293.92	124669.57	530.26	158415.73
22.15	21246.64	38.36	47376.15
1131.30	1022828.10	2584.94	1077607.64
81884.57	103283078.07	74982.94	53409231.52

317.18	404358.64	275.41	302596.40
29.40	21036.94	71.29	15402.33
1687.70	1469930.62	4146.25	942987.59
2199.92	718053.00	4118.54	1006779.08
1402.53	456780.04	2890.77	345150.21
873.07	1181147.45	1617.60	684890.60
61612.14	60534374.71	205113.22	30110182.78
36.02	91988.24	55.14	82259.68
4081.07	4008410.33	7686.15	2292699.00
814.37	2320389.35	1258.71	1811531.90
2359.43	2665314.07	5331.34	1701613.00
3869.02	2546297.68	8106.52	1792701.56
889.55	1480931.59	2120.73	938693.40
642.69	1093324.55	1049.74	718853.90
3030.97	2820959.65	59065.13	1515442.86
264.53	466352.91	448.16	387738.95
91.04	98556.49	217.94	87096.96
35551.47	37273229.58	191562.02	21680229.14
1598.07	2885250.77	2061.26	1562255.03
22620.06	18585831.44	50880.98	10019258.02
616.72	1053941.99	299.86	622141.23
15725.51	16443069.73	36244.13	7966100.94
19.15	13452.19	38.85	10681.81
54.27	142482.09	114.47	132047.27
919.60	1741301.43	1042.88	1113229.89
1312.12	1029151.93	2710.25	576039.50
116.42	167056.94	175.25	104968.04
4152.54	2334938.48	10104.56	1546676.92
4111.17	10249854.60	6870.00	6254654.01
428.05	783225.53	466.33	573725.73
1993.60	6389710.00	2758.38	3899708.10
622.58	1496285.03	672.24	810907.78
92563.84	63467829.24	139553.14	62153560.32
4937.55	8141694.59	10369.79	5272237.89
28566.00	37659038.88	70524.96	18196543.83
13267.85	15271992.62	38864.12	7903764.66
1302.12	1697610.05	1187.70	1009711.99
771.26	1402372.61	1248.18	875156.29
2048.32	4220706.01	2862.55	2280421.24
23145.68	29175470.25	58381.91	15641857.53
5872.05	5234499.55	12765.68	2997236.36
1714.59	3911566.36	3482.11	2482025.35
1370.64	3965644.73	1820.31	2250590.07
7330.43	4040014.20	15157.82	2753388.29
4204.42	7090802.57	9060.64	3643071.37
5210.24	6753402.73	11418.08	3642121.09
3442.96	4349521.57	5279.86	2269362.73
1438.16	2764589.71	2595.61	1648433.82
1155.22	1107783.85	1885.16	685679.56
3985.62	6014810.38	5033.42	4088871.90
1695.47	3373171.17	3180.32	1788508.51

1439.59	1291220.62	2674.63	757287.24
2829.54	2683437.65	6196.57	1978206.43
7731.30	7622554.06	12176.81	4043658.17
808.30	1004406.69	989.66	562894.39
3319.10	3165026.18	7521.64	1783810.77
743.14	1008930.14	1127.49	811578.53
2532.01	4047130.12	7138.34	2408220.44
11612.28	7842080.68	28200.14	4534862.52
4043.25	11209119.00	9995.66	5795002.16
9105.71	9644855.86	14773.08	4913459.24
21480.54	6065491.55	44147.55	4394647.68
10820.79	23044230.42	18440.91	13580851.55
8999.22	7445047.30	231032.20	4433950.12
16901.68	14881592.73	37484.57	11911567.41
2331.49	3176856.88	3156.34	2047341.23
306.79	694742.29	272.78	512146.84
186.17	354100.49	272.74	305085.22
5552.55	12922697.95	9311.77	7350070.12
3358.31	2185073.48	5478.99	1653032.66
1483.42	1963102.50	3078.92	1360799.68
321444.20	125196377.66	527477.20	63463907.29
11229.81	25749387.59	17326.08	15726898.66
1516.07	4070284.53	2232.37	2422027.29
222.83	634183.60	329.78	462099.23
105.68	187421.42	131.93	142121.43
232.07	718922.38	385.28	516965.68
224.40	270846.24	221.37	225197.24
736.57	2292331.89	978.60	1397421.38
1931.32	2155546.17	4815.31	1202622.81
3012.96	3793469.13	5484.21	2646975.20
411.79	207917.22	641.20	172568.26
7.09	14070.74	10.42	19382.38
12.50	9852.42	23.91	16788.01
46.72	131742.86	64.59	140657.87
112.15	32911.88	181.62	35913.54
20.61	22153.05	25.37	19927.52
101.23	22874.88	159.49	24986.09
31.73	69076.08	80.98	72485.73
75.83	150959.43	94.52	103950.59
22.81	47241.14	30.20	37910.82
96.08	77872.58	227.01	70354.16
16.04	24567.03	28.73	30663.29
1887.29	3166138.76	2275.98	1706594.17
1553.53	2989653.94	2281.49	3020626.46
88.41	102296.17	147.94	104747.04
67.13	188793.39	144.22	190429.93
508.37	530875.02	1069.83	375032.57
16.18	18458.18	43.94	17938.81
197.15	337989.48	157.08	309945.09
484.92	646940.65	990.38	429536.47
602.59	464866.42	1136.50	424862.57

762.97	660729.67	851.03	570598.55
42.45	43233.67	85.61	48049.54
1866.82	3820165.84	3560.20	2061282.56
78.07	120564.28	125.99	86264.68
27.33	32936.98	41.78	26924.12
297.73	265713.32	348.48	250301.75
61.90	139289.52	92.79	141588.26
33.71	32805.61	51.46	33278.65
184.58	317299.83	222.88	246392.02
56.67	37473.51	96.96	42196.04
220.18	186259.72	470.59	151275.19
42.13	12655.59	89.42	12579.17
9.57	21762.02	21.17	20291.93
38.37	35026.53	86.88	28237.48
14.83	12782.53	29.58	20171.76
33.69	21942.89	63.97	29358.36
77.05	24338.20	145.07	23004.24
37.96	33238.98	75.92	33705.77
67.60	104317.68	92.79	114651.61
120.98	37174.83	205.56	28814.55
347.44	401764.39	436.41	315255.67
58.03	49616.74	91.44	51090.07
77.80	37468.56	119.29	42709.08
52.43	20207.50	79.40	27535.10
21.46	22665.93	43.99	23926.26
67.39	26384.16	85.11	34014.31
23.98	18262.18	41.93	24710.01
17.98	15978.39	29.83	21993.03
29.36	13260.73	54.78	19320.26
28.90	12099.34	39.33	25854.80
26.99	28059.68	43.95	47692.76
33.33	21620.78	60.40	22724.87
73.02	41003.81	120.08	51555.44
46.36	13519.72	68.18	24294.07
19.56	13970.03	23.94	29144.44
29.90	17228.42	49.10	29487.25
197.52	348310.22	285.75	698518.44
15.85	7778.30	39.80	9385.23
64.33	45886.73	119.29	44240.90
131.53	262793.29	224.36	171189.20
10.80	3679.03	17.08	4271.52
19.14	3827.05	36.31	6076.17
13.11	11923.93	40.42	11292.54
14.11	5254.05	22.18	8964.23
10.08	6232.58	15.15	10243.84
9.09	5317.52	23.02	10553.09
14.18	8294.35	30.81	11818.88
23.31	8348.52	42.37	12544.16
4.13	7986.58	9.46	13955.24
17.35	16854.10	118.38	34964.01
3.26	3676.77	7.61	8324.78

1759.50	1084101.12	2364.08	1114699.82
838.94	2775161.73	1144.36	2712924.53
375.90	1028260.12	602.43	1041994.63
1922.82	1571152.62	3408.86	1700279.35
191.86	215247.59	200.75	214030.13
29.99	23684.54	49.04	24400.12
13.24	21094.82	30.49	29524.23
13.63	21052.30	41.36	24607.92
79.07	179451.98	161.50	136311.85
911.11	870268.73	1904.80	473640.57
1697.29	1678728.60	3626.57	1105176.07
288.90	834133.22	404.27	666718.57

phot_rp_mean_flux_error	phot_g_mean_mag	phot_bp_mean_mag	phot_rp_mean_mag	bp_rp
27.74	13.6394	13.8898	13.2182	0.6716
36.78	12.4613	12.6946	12.0656	0.6291
31.31	14.6596	14.9566	14.1692	0.7874
64.26	11.8993	12.0467	11.6150	0.4317
302.31	10.8085	10.9557	10.5420	0.4137
377.65	9.9690	10.0199	9.8381	0.1819
46.21	12.8472	13.1188	12.4095	0.7093
118.38	12.0522	12.3202	11.6121	0.7080
19.36	14.2680	14.5354	13.8258	0.7096
21.29	16.5477	17.0949	15.7781	1.3168
1726.76	12.0203	12.1620	11.5228	0.6391
100.36	12.3412	12.6359	11.8665	0.7694
163.71	10.3234	10.3646	10.2132	0.1514
127.34	11.3343	11.4037	11.2052	0.1985
333.44	11.5803	11.6545	11.4356	0.2189
2438.69	8.8907	8.8840	8.8806	0.0034
144.38	12.8871	13.1543	12.4609	0.6934
1087.32	10.0018	10.1194	9.7742	0.3452
428.25	10.7575	10.8541	10.5651	0.2890
600.48	10.6178	10.6837	10.4662	0.2175
853.97	10.8681	11.0054	10.6053	0.4000
237.70	9.9456	9.9620	9.8847	0.0773
117.14	11.7241	11.8283	11.5156	0.3126
104.33	12.6155	12.9010	12.1450	0.7561
274.33	11.6985	11.8294	11.4459	0.3835
80.77	12.6627	13.0104	12.1269	0.8835
76.19	14.3277	14.5548	13.9492	0.6055
39.49	14.5557	14.8429	14.0913	0.7516
37.94	13.5861	13.8896	13.1009	0.7887
555.76	11.9203	12.0556	11.6548	0.4008
15.49	13.4111	13.8636	12.7486	1.1150
95.09	14.8860	15.3951	14.1759	1.2191
709.67	9.8224	9.9338	9.5950	0.3389
1741.59	9.2466	9.2225	9.2590	-0.0364
846.21	10.0481	10.2002	9.7753	0.4249
28317.44	6.1895	6.1596	6.2105	-0.0508
16.83	13.8829	14.1501	13.4538	0.6963
278.85	10.0815	10.1073	9.9986	0.1088
2193.60	7.9672	8.0053	7.8618	0.1434
42.94	13.2412	13.3687	13.0167	0.3520
12866.64	6.8404	6.8081	6.7966	0.0115
1208.16	9.2509	9.2364	9.2550	-0.0186
2422.04	9.0668	9.0580	9.0567	0.0013
5285.76	7.4451	7.4387	7.4190	0.0197
806.24	9.7005	9.6970	9.6878	0.0092
1026.52	9.2467	9.2619	9.1906	0.0713
915.59	9.9816	10.0589	9.7578	0.3011
6813.96	7.3461	7.3134	7.3737	-0.0603
59238.36	5.6709	5.6488	5.6854	-0.0365
39376.66	6.6863	6.6425	6.7179	-0.0754

3801.13	7.6214	7.6736	7.4831	0.1905
4417.28	6.8308	6.8073	6.8432	-0.0359
42.50	15.9901	16.1674	15.6763	0.4911
24.85	14.8855	15.3826	14.1873	1.1953
48.41	14.8139	15.1112	14.3420	0.7692
34.02	14.0168	14.3066	13.5628	0.7438
1322.90	9.9103	9.9975	9.7087	0.2888
5452.10	9.4397	9.4939	9.2859	0.2079
318.95	9.9570	10.1640	9.5810	0.5830
599.54	8.8542	8.8681	8.7939	0.0742
65455.36	5.5929	5.5736	5.5973	-0.0237
36628.12	7.8378	7.9647	7.5727	0.3920
987.09	8.7729	8.8063	8.6874	0.1188
883.23	8.6202	8.6617	8.5047	0.1570
975.24	8.5344	8.5281	8.5185	0.0097
349.49	9.4629	9.5761	9.2449	0.3312
336.70	9.5636	9.5756	9.5096	0.0660
71935.91	7.7648	7.7676	7.6176	0.1500
3583.19	8.9238	8.8830	8.9640	-0.0810
1242.28	9.1654	9.1732	9.1083	0.0648
1048.55	9.7118	9.7116	9.6856	0.0261
4446.84	8.1558	8.2572	7.9257	0.3315
1698.44	8.8238	8.8432	8.7535	0.0898
53475.71	6.9129	6.9039	6.8782	0.0257
2293.79	8.6967	8.7073	8.6454	0.0619
721.68	10.0667	10.0432	10.0913	-0.0481
1686.19	9.8175	9.8158	9.7938	0.0220
11667.02	8.1748	8.1563	8.1224	0.0339
2642.37	8.4808	8.4456	8.5058	-0.0601
445.50	10.8759	10.9647	10.6869	0.2778
4074.97	8.7987	8.7698	8.8289	-0.0591
5411.05	8.0223	7.9813	8.0638	-0.0826
2799.88	9.5724	9.6066	9.4822	0.1243
1512.84	8.7559	8.7675	8.7011	0.0664
17815.50	6.4181	6.4058	6.4040	0.0018
3970.57	8.8733	8.8809	8.8195	0.0614
1035.79	9.3432	9.3127	9.3757	-0.0630
11206.78	7.6584	7.6038	7.7296	-0.1258
1648.39	9.3694	9.5061	9.1065	0.3996
856.70	10.0833	10.0716	10.0820	-0.0104
1739.97	9.4038	9.5428	9.1316	0.4112
6034.58	9.0414	9.0834	8.9184	0.1650
2392.37	10.7228	10.7639	10.6103	0.1536
285.07	9.7601	9.7386	9.7770	-0.0383
2773.85	9.3395	9.3699	9.2514	0.1185
1151.79	8.7440	8.7143	8.7720	-0.0576
603.19	9.0348	9.1362	8.8180	0.3182
2482.27	7.7829	7.8375	7.6538	0.1837
481.72	9.6029	9.8891	9.1371	0.7521
87.00	11.5132	11.6050	11.3314	0.2736
4483.03	7.6550	7.7229	7.5186	0.2043

6613.49	8.2820	8.1872	8.1463	0.0409
56189.63	6.4025	6.4021	6.3670	0.0351
1047.40	9.4863	9.5345	9.3891	0.1454
232.46	10.6999	10.7671	10.5644	0.2027
2311.66	7.6629	7.6500	7.6536	-0.0036
1139.52	8.4198	8.4515	8.3245	0.1270
14917.90	7.3308	7.3185	7.3200	-0.0015
33.38	14.8491	15.0535	14.4980	0.5554
11772.96	8.9503	8.9594	8.8652	0.0942
13032.63	7.2143	7.1900	7.2029	-0.0129
1191.59	8.2931	8.2676	8.2789	-0.0113
121.62	10.4794	10.5437	10.3487	0.1950
1676.81	9.0302	9.2089	8.6955	0.5134
24877.88	7.1310	7.1811	7.0006	0.1805
158.36	10.8622	10.9495	10.6940	0.2555
1305.14	8.4794	8.5360	8.3485	0.1875
169.20	10.4343	10.5306	10.2544	0.2762
405.95	9.6857	9.7232	9.6009	0.1223
313.82	10.0407	10.0024	10.0893	-0.0870
2562.84	8.9977	8.9784	9.0040	-0.0256
20863746.00	2.2826	2.9681	2.4338	0.5343
559.57	9.1847	9.3812	8.8288	0.5524
96072.60	5.4305	5.4501	5.3687	0.0814
7347.55	10.6991	10.8146	10.2819	0.5327
160.10	9.9495	10.1576	9.6011	0.5565
14.37	14.2300	14.4836	13.8168	0.6668
929437.00	3.3779	3.5748	3.1755	0.3993
22.18	13.6110	13.9799	13.0669	0.9130
358.28	9.9458	10.0435	9.7557	0.2879
1847.79	8.5859	8.5407	8.6275	-0.0868
20332.57	6.3936	6.3735	6.3701	0.0034
442247.97	4.8141	4.7214	4.9452	-0.2238
3396.15	7.9060	7.9554	7.7511	0.2043
1426.03	8.1961	8.1292	8.2760	-0.1468
1029802.00	4.4908	4.4080	4.6190	-0.2110
70106.27	6.1092	6.0141	6.2507	-0.2365
458.21	11.5734	11.6894	11.3495	0.3399
787.29	8.8146	8.7818	8.8355	-0.0536
847.09	10.4102	10.6757	9.9747	0.7009
603.30	9.2245	9.1854	9.2692	-0.0838
978.50	10.5438	10.5712	10.4622	0.1090
1152.17	9.2436	9.1853	9.3273	-0.1419
1128.24	9.5424	9.5498	9.4959	0.0540
647.08	10.0915	10.1436	9.9624	0.1812
1516.89	8.6999	8.7546	8.5510	0.2036
25.24	13.0698	13.3481	12.6187	0.7294
37.30	13.0863	13.4509	12.5332	0.9177
623.20	12.2626	12.5991	11.7484	0.8507
226.99	13.9018	14.5203	13.0590	1.4613
2116.63	10.0745	10.3140	9.6667	0.6473
92504.27	5.3560	5.3035	5.4289	-0.1254

195.01	11.2371	11.3216	11.0457	0.2759
66.17	14.4486	14.5311	14.2789	0.2522
1848.83	9.8965	9.9203	9.8116	0.1087
4721.29	10.3243	10.6982	9.7406	0.9576
2033.85	11.0929	11.1893	10.9029	0.2864
685.13	10.1739	10.1578	10.1588	-0.0011
135544.66	5.9660	5.8835	6.0511	-0.1676
62.85	12.7703	12.9292	12.4599	0.4693
4417.95	8.8491	8.8311	8.8470	-0.0159
512.78	9.3216	9.4246	9.1028	0.3219
3023.29	9.2556	9.2742	9.1707	0.1034
4321.04	9.2656	9.3238	9.1141	0.2096
790.65	9.8895	9.9122	9.8166	0.0956
471.70	10.2066	10.2417	10.1063	0.1354
31087.42	9.4031	9.2126	9.2965	-0.0840
247.73	11.0315	11.1668	10.7765	0.3902
73.85	12.6925	12.8543	12.3979	0.4564
146889.23	6.5010	6.4100	6.4077	0.0023
962.92	9.2222	9.1881	9.2635	-0.0754
25177.72	7.2064	7.1656	7.2458	-0.0802
126.73	10.2831	10.2815	10.2632	0.0183
16012.62	7.3778	7.2986	7.4948	-0.1962
42.34	14.8989	15.0166	14.6763	0.3403
45.53	12.2677	12.4541	11.9461	0.5081
493.60	9.7102	9.7364	9.6314	0.1049
1949.43	10.3237	10.3073	10.3468	-0.0394
145.23	12.2550	12.2814	12.1953	0.0861
5465.08	10.0212	9.4179	9.2744	0.1435
4159.98	7.8142	7.8117	7.7574	0.0544
264.24	10.5207	10.6038	10.3511	0.2527
943.34	8.3232	8.3248	8.2703	0.0545
299.27	9.9419	9.9010	9.9755	-0.0745
152835.14	5.6355	5.8322	5.2642	0.5679
5304.11	8.0372	8.0618	7.9429	0.1188
30209.60	6.4778	6.3989	6.5979	-0.1991
20650.39	7.4335	7.3788	7.5033	-0.1245
622.79	9.7656	9.7639	9.7374	0.0265
448.49	9.9602	9.9714	9.8927	0.0787
1357.22	8.8145	8.7751	8.8529	-0.0778
51727.69	6.7145	6.6760	6.7622	-0.0862
7192.14	8.5632	8.5414	8.5561	-0.0147
1915.63	8.8390	8.8577	8.7609	0.0968
916.53	8.8628	8.8428	8.8672	-0.0244
9498.23	8.7773	8.8226	8.6482	0.1744
3097.95	8.2730	8.2118	8.3442	-0.1324
10107.31	8.3180	8.2647	8.3445	-0.0798
2040.02	8.7923	8.7424	8.8581	-0.1157
1148.39	9.2341	9.2345	9.2052	0.0292
1066.00	10.2181	10.2274	10.1576	0.0698
2535.77	8.3475	8.3905	8.2189	0.1716
1383.96	9.0656	9.0184	9.1167	-0.0982

1307.72	10.0687	10.0610	10.0497	0.0113
3398.10	9.1864	9.2668	9.0072	0.2596
6563.45	8.1784	8.1333	8.2310	-0.0977
679.73	10.3570	10.3338	10.3718	-0.0381
3767.53	9.1108	9.0876	9.1195	-0.0319
859.47	10.2102	10.3289	9.9746	0.3543
3717.94	8.8276	8.8207	8.7937	0.0270
14942.95	8.1170	8.1025	8.1065	-0.0040
2997.65	7.7718	7.7146	7.8403	-0.1256
6695.91	7.9423	7.8778	8.0194	-0.1416
27161.87	8.3116	8.3814	8.1406	0.2408
9557.21	6.9425	6.9321	6.9156	0.0166
172578.60	8.4353	8.1589	8.1309	0.0280
28020.88	7.3002	7.4069	7.0580	0.3489
988.89	9.0582	9.0835	8.9699	0.1136
174.22	10.6494	10.7340	10.4744	0.2596
205.06	11.3137	11.4657	11.0368	0.4289
7364.98	7.5848	7.5602	7.5822	-0.0220
5362.45	9.3930	9.4899	9.2022	0.2877
1958.58	9.5516	9.6062	9.4134	0.1928
192676.12	5.1537	5.0946	5.2416	-0.1470
8551.68	6.8064	6.8116	6.7563	0.0553
712.73	8.8193	8.8145	8.7874	0.0270
94.04	10.7517	10.8330	10.5861	0.2469
58.42	12.0550	12.1565	11.8662	0.2902
208.89	10.6259	10.6968	10.4642	0.2326
116.32	11.6262	11.7567	11.3665	0.3902
516.77	9.4292	9.4378	9.3846	0.0533
2360.57	9.5258	9.5046	9.5476	-0.0429
2587.19	8.8288	8.8910	8.6910	0.1999
695.33	11.9047	12.0438	11.6555	0.3883
18.39	14.5942	14.9678	14.0294	0.9384
49.28	14.8612	15.3547	14.1854	1.1693
47.75	12.2882	12.5392	11.8775	0.6617
252.30	13.7858	14.0452	13.3598	0.6854
31.35	14.3023	14.4750	13.9993	0.4757
202.69	14.1805	14.4401	13.7537	0.6865
76.93	13.0098	13.2402	12.5973	0.6430
72.66	12.3299	12.3914	12.2058	0.1856
29.63	13.5286	13.6527	13.3010	0.3518
234.67	12.9355	13.1101	12.6297	0.4804
33.14	14.0389	14.3627	13.5313	0.8313
1198.61	9.1252	9.0872	9.1676	-0.0804
2122.18	8.9286	9.1495	8.5477	0.6018
161.72	12.5863	12.8139	12.1975	0.6164
66.81	11.9267	12.1486	11.5486	0.6000
662.30	10.9660	11.0261	10.8127	0.2133
35.94	14.4571	14.6731	14.1134	0.5597
97.26	11.3359	11.5163	11.0197	0.4966
655.42	10.7679	10.8114	10.6654	0.1460
774.36	10.9974	11.1702	10.6773	0.4929

1185.82	10.6319	10.7885	10.3571	0.4314
87.58	13.4826	13.7490	13.0437	0.7053
1465.44	8.9210	8.8833	8.9626	-0.0792
76.25	12.5598	12.6355	12.4083	0.2272
42.52	13.9086	14.0443	13.6725	0.3718
336.84	11.5912	11.7775	11.2517	0.5258
90.14	12.2476	12.4787	11.8703	0.6084
66.91	13.8181	14.0487	13.4425	0.6062
175.91	11.4710	11.5849	11.2688	0.3160
155.92	13.6434	13.9042	13.1847	0.7195
324.54	12.0402	12.1632	11.7985	0.3648
77.07	14.8691	15.0828	14.4988	0.5841
16.40	14.3114	14.4943	13.9796	0.5147
55.33	13.8503	13.9776	13.6208	0.3567
41.74	14.6313	15.0720	13.9860	1.0860
65.94	14.1273	14.4853	13.5786	0.9067
190.12	14.1831	14.3728	13.8434	0.5294
62.11	13.8071	14.0344	13.4286	0.6058
119.54	12.5254	12.7926	12.0994	0.6932
286.30	13.8002	13.9129	13.5989	0.3141
306.88	11.2174	11.3286	11.0012	0.3274
124.56	13.3678	13.5995	12.9771	0.6224
120.81	13.6183	13.9044	13.1716	0.7328
122.32	14.2082	14.5748	13.6482	0.9266
38.41	14.2072	14.4501	13.8007	0.6494
162.80	13.9408	14.2852	13.4187	0.8664
57.71	14.3157	14.6847	13.7657	0.9189
36.69	14.4550	14.8297	13.8922	0.9375
62.11	14.6280	15.0321	14.0329	0.9993
86.51	14.5022	15.1316	13.7165	1.4151
56.60	13.7241	14.2183	13.0518	1.1666
63.27	14.2583	14.5014	13.8566	0.6447
163.36	13.4779	13.8065	12.9672	0.8393
93.81	14.4840	15.0111	13.7841	1.2270
60.59	14.3645	14.9755	13.5865	1.3890
76.55	14.2591	14.7479	13.5738	1.1741
455.60	10.8818	11.4836	10.1375	1.3462
26.86	15.3057	15.6113	14.8168	0.7945
102.06	13.4802	13.6843	13.1333	0.5510
141.24	11.7539	11.7895	11.6642	0.1253
32.28	16.1169	16.4242	15.6714	0.7528
42.11	15.9264	16.3814	15.2888	1.0926
23.45	14.9542	15.1475	14.6159	0.5316
38.29	15.5398	16.0373	14.8666	1.1707
21.24	15.3792	15.8519	14.7217	1.1301
24.67	15.4389	16.0243	14.6894	1.3348
31.86	15.1530	15.5416	14.5665	0.9751
53.92	15.1153	15.5345	14.5018	1.0327
10.68	15.0716	15.5826	14.3861	1.1966
117.25	14.1943	14.7718	13.3888	1.3829
13.87	15.7584	16.4249	14.9470	1.4779

3090.17	10.0252	10.2509	9.6300	0.6209
748.43	9.0229	9.2303	8.6643	0.5660
395.87	10.0835	10.3083	9.7032	0.6051
2802.42	9.5934	9.8480	9.1716	0.6764
341.43	11.7872	12.0062	11.4217	0.5845
78.08	14.1683	14.4024	13.7794	0.6230
33.62	14.1444	14.5281	13.5724	0.9557
41.85	14.2364	14.5303	13.7702	0.7601
63.38	12.1046	12.2037	11.9116	0.2921
1212.87	10.5195	10.4894	10.5593	-0.0699
1853.84	9.7362	9.7761	9.6393	0.1368
244.03	10.4236	10.5355	10.1880	0.3474

bp_g	g_rp	radial_velocity	radial_velocity_error	rv_method_used	rv_nb_transits
0.2504	0.4212				
0.2334	0.3957	-18.69	23.35	1	15
0.2970	0.4903				
0.1474	0.2843	-25.98	23.23	1	11
0.1472	0.2665	-3.97	0.70	1	18
0.0510	0.1309				
0.2716	0.4377				
0.2680	0.4401	-5.75	9.45	1	9
0.2674	0.4421				
0.5472	0.7695				
0.1417	0.4974				
0.2947	0.4747	15.43	5.51	1	6
0.0411	0.1102				
0.0694	0.1291	-21.23	15.27	1	20
0.0741	0.1448	-14.55	20.17	1	15
-0.0067	0.0101	5.74	2.40	1	4
0.2671	0.4262				
0.1176	0.2276	16.34	2.75	1	9
0.0966	0.1924				
0.0659	0.1516				
0.1373	0.2628				
0.0164	0.0609	-3.96	2.38	1	18
0.1042	0.2084	-16.48	13.97	1	25
0.2856	0.4705				
0.1309	0.2526	-22.80	11.15	1	27
0.3476	0.5359				
0.2271	0.3785				
0.2872	0.4644				
0.3036	0.4851				
0.1354	0.2655				
0.4525	0.6625				
0.5091	0.7100				
0.1114	0.2275	1.52	4.00	1	6
-0.0240	-0.0124	23.42	2.41	1	10
0.1521	0.2728				
-0.0299	-0.0210				
0.2672	0.4291				
0.0259	0.0829	-14.45	5.19	1	10
0.0381	0.1053				
0.1275	0.2245				
-0.0323	0.0438	-8.51	0.78	1	27
-0.0145	-0.0041	26.29	2.95	1	6
-0.0088	0.0101	5.02	2.46	1	11
-0.0065	0.0262	1.80	1.27	1	15
-0.0035	0.0127	7.79	4.14	1	11
0.0152	0.0561	0.83	2.56	1	19
0.0773	0.2238	-29.63	1.39	1	13
-0.0327	-0.0276				
-0.0220	-0.0145				
-0.0438	-0.0316				

0.0522	0.1383	0.62	0.32	1	23
-0.0235	-0.0124				
0.1773	0.3137				
0.4971	0.6982				
0.2972	0.4720				
0.2898	0.4540				
0.0872	0.2016	14.25	17.14	1	11
0.0541	0.1538				
0.2071	0.3760	-2.70	1.34	1	9
0.0139	0.0604				
-0.0193	-0.0045	-4.23	0.60	1	16
0.1268	0.2651				
0.0334	0.0855	-21.22	0.27	1	16
0.0415	0.1155	7.82	4.05	1	10
-0.0062	0.0159	-6.53	0.23	1	17
0.1132	0.2180	-19.51	0.71	1	17
0.0120	0.0540	8.82	3.31	1	14
0.0028	0.1471	-29.90	3.84	1	28
-0.0408	-0.0402				
0.0078	0.0570				
-0.0002	0.0263				
0.1014	0.2300				
0.0194	0.0703				
-0.0090	0.0347				
0.0105	0.0514	9.54	2.35	1	16
-0.0235	-0.0246	26.97	4.60	1	16
-0.0017	0.0237	18.20	4.99	1	18
-0.0185	0.0524	-17.25	7.89	1	28
-0.0351	-0.0250	2.31	1.52	1	17
0.0888	0.1890	20.05	6.42	1	11
-0.0289	-0.0302	7.89	2.23	1	19
-0.0410	-0.0415	-16.60	0.82	1	21
0.0342	0.0902	-3.41	1.14	1	12
0.0116	0.0548	-3.64	0.79	1	10
-0.0123	0.0142	6.39	0.28	1	23
0.0076	0.0538				
-0.0306	-0.0324	14.80	2.00	1	22
-0.0546	-0.0712				
0.1367	0.2630	-10.62	3.05	1	6
-0.0117	0.0013	14.05	3.46	1	23
0.1390	0.2722	-5.56	1.62	1	6
0.0420	0.1230				
0.0411	0.1125	17.92	11.07	1	9
-0.0215	-0.0168	20.80	2.94	1	28
0.0304	0.0881	24.49	2.27	1	21
-0.0297	-0.0279	-12.84	1.32	1	6
0.1014	0.2168	-11.77	1.57	1	9
0.0546	0.1291	-25.50	0.60	1	40
0.2862	0.4658	6.48	1.97	1	16
0.0917	0.1818				
0.0679	0.1364	17.18	0.25	1	19

-0.0948	0.1357					
-0.0003	0.0354	-0.99	2.24	1	22	
0.0482	0.0972					
0.0672	0.1355	12.08	6.03	1	14	
-0.0129	0.0094					
0.0317	0.0953	-17.09	1.14	1	15	
-0.0124	0.0109					
0.2044	0.3510					
0.0092	0.0850					
-0.0243	0.0114	20.10	0.90	1	15	
-0.0255	0.0142	3.47	4.86	1	15	
0.0643	0.1308	30.71	1.32	1	22	
0.1787	0.3347					
0.0502	0.1303	1.67	0.62	1	15	
0.0873	0.1682	-9.03	3.00	1	11	
0.0566	0.1309	21.02	0.55	1	13	
0.0963	0.1799	21.76	1.93	1	23	
0.0375	0.0848	11.10	3.57	1	17	
-0.0383	-0.0487	22.58	1.62	1	17	
-0.0193	-0.0063	14.20	10.70	1	3	
0.6855	-0.1512					
0.1965	0.3558					
0.0196	0.0618	-3.63	1.23	1	12	
0.1155	0.4172	-27.14	3.89	1	12	
0.2080	0.3485	42.99	0.51	1	37	
0.2536	0.4132					
0.1969	0.2024					
0.3690	0.5441					
0.0978	0.1901	2.27	2.00	1	19	
-0.0452	-0.0416					
-0.0202	0.0235					
-0.0927	-0.1311					
0.0494	0.1549	-17.65	0.70	1	31	
-0.0669	-0.0799					
-0.0828	-0.1282	-11.72	1.66	1	24	
-0.0950	-0.1415					
0.1160	0.2238					
-0.0328	-0.0208					
0.2655	0.4354					
-0.0391	-0.0447					
0.0274	0.0816					
-0.0582	-0.0837					
0.0074	0.0465	-12.48	2.01	1	23	
0.0521	0.1290					
0.0547	0.1489					
0.2783	0.4511					
0.3646	0.5531					
0.3366	0.5142	0.42	30.87	1	24	
0.6185	0.8428					
0.2396	0.4077					
-0.0525	-0.0729					

0.0845	0.1914				
0.0825	0.1696				
0.0238	0.0849				
0.3739	0.5837				
0.0964	0.1900				
-0.0162	0.0151				
-0.0825	-0.0851				
0.1589	0.3104				
-0.0180	0.0021				
0.1030	0.2188				
0.0186	0.0848				
0.0582	0.1514				
0.0227	0.0729	-9.23	3.20	1	8
0.0351	0.1003	14.18	2.94	1	16
-0.1905	0.1065				
0.1353	0.2549	-12.41	11.78	1	12
0.1618	0.2946				
-0.0910	0.0933				
-0.0341	-0.0414	17.69	3.71	1	16
-0.0408	-0.0394				
-0.0016	0.0199	16.93	3.13	1	43
-0.0792	-0.1170				
0.1176	0.2226				
0.1864	0.3217	-14.57	31.29	1	16
0.0261	0.0788	2.27	11.28	1	7
-0.0163	-0.0231				
0.0264	0.0597				
-0.6033	0.7468				
-0.0025	0.0569	6.63	0.80	1	22
0.0831	0.1695	-12.71	11.52	1	5
0.0016	0.0529				
-0.0409	-0.0336	14.96	6.88	1	12
0.1967	0.3712				
0.0245	0.0943	2.57	0.77	1	20
-0.0789	-0.1202	-3.75	0.90	1	12
-0.0547	-0.0698				
-0.0016	0.0282	44.98	3.32	1	11
0.0111	0.0676				
-0.0394	-0.0384				
-0.0385	-0.0476				
-0.0218	0.0071				
0.0187	0.0781				
-0.0201	-0.0043	-6.32	2.03	1	16
0.0453	0.1291				
-0.0612	-0.0712				
-0.0532	-0.0265	24.79	2.72	1	18
-0.0498	-0.0659				
0.0004	0.0289	-0.26	2.39	1	12
0.0093	0.0605				
0.0429	0.1287	-12.40	0.88	1	15
-0.0471	-0.0511	44.38	5.51	1	7

-0.0076	0.0189				
0.0804	0.1792				
-0.0452	-0.0525				
-0.0232	-0.0148				
-0.0232	-0.0088	-11.91	2.48	1	20
0.1187	0.2356	-18.60	3.33	1	23
-0.0069	0.0339				
-0.0145	0.0105				
-0.0572	-0.0685	16.71	0.88	1	30
-0.0645	-0.0771	24.74	1.02	1	10
0.0698	0.1710				
-0.0104	0.0270	-14.06	0.38	1	21
-0.2764	0.3043				
0.1067	0.2422	2.95	0.49	1	38
0.0253	0.0883				
0.0846	0.1750	17.61	7.47	1	9
0.1520	0.2769	-12.61	6.44	1	13
-0.0246	0.0026				
0.0969	0.1908	19.43	6.09	1	14
0.0546	0.1382	15.67	3.34	1	21
-0.0591	-0.0879	21.36	0.69	1	10
0.0052	0.0501				
-0.0048	0.0318				
0.0813	0.1657	-12.18	6.28	1	18
0.1015	0.1888	5.76	24.31	1	20
0.0710	0.1616	9.29	6.62	1	19
0.1305	0.2598	-7.70	9.04	1	11
0.0086	0.0446	29.14	5.44	1	13
-0.0211	-0.0218	20.68	2.84	1	16
0.0622	0.1377	20.69	1.28	1	8
0.1391	0.2492	-0.86	18.06	1	7
0.3736	0.5648				
0.4935	0.6758				
0.2511	0.4107	-9.62	38.05	1	22
0.2593	0.4261				
0.1726	0.3031				
0.2597	0.4268				
0.2304	0.4125				
0.0615	0.1241				
0.1241	0.2276				
0.1746	0.3058				
0.3238	0.5075				
-0.0379	-0.0424	9.40	12.99	1	8
0.2209	0.3809	6.41	0.97	1	14
0.2276	0.3888				
0.2219	0.3782				
0.0600	0.1533				
0.2160	0.3437				
0.1804	0.3162	-12.13	5.62	1	13
0.0435	0.1025	-13.32	4.86	1	34
0.1728	0.3201				

0.1566	0.2749	38.89	1.81	1	16
0.2664	0.4389				
-0.0376	-0.0416	23.59	6.53	1	11
0.0757	0.1515				
0.1357	0.2360				
0.1864	0.3394	4.02	5.71	1	29
0.2312	0.3773	1.28	20.12	1	28
0.2306	0.3756				
0.1139	0.2022	-15.30	2.11	1	39
0.2608	0.4587				
0.1231	0.2417	26.13	25.61	1	10
0.2137	0.3704				
0.1829	0.3318				
0.1272	0.2295				
0.4407	0.6453				
0.3580	0.5487				
0.1898	0.3397				
0.2274	0.3784				
0.2673	0.4259	7.82	23.51	1	24
0.1127	0.2014				
0.1113	0.2161	-18.02	5.01	1	19
0.2317	0.3907				
0.2861	0.4467				
0.3665	0.5601				
0.2429	0.4065				
0.3444	0.5220				
0.3690	0.5500				
0.3747	0.5628				
0.4042	0.5951				
0.6294	0.7857				
0.4942	0.6724				
0.2431	0.4017				
0.3286	0.5106				
0.5271	0.6999				
0.6110	0.7780				
0.4888	0.6853				
0.6018	0.7444	-20.59	0.25	1	17
0.3057	0.4889				
0.2041	0.3469				
0.0356	0.0897	40.32	38.51	1	12
0.3073	0.4454				
0.4550	0.6376				
0.1933	0.3383				
0.4975	0.6732				
0.4726	0.6575				
0.5854	0.7494				
0.3886	0.5866				
0.4193	0.6135				
0.5111	0.6855				
0.5775	0.8054				
0.6665	0.8114				

0.2257	0.3952					
0.2074	0.3586	-7.16	0.39	1	16	
0.2248	0.3803	-5.39	2.11	1	11	
0.2546	0.4218	-27.84	0.67	1	5	
0.2190	0.3655	-4.19	5.47	1	13	
0.2341	0.3888					
0.3837	0.5720					
0.2939	0.4662					
0.0991	0.1930					
-0.0301	-0.0397					
0.0399	0.0969					
0.1118	0.2356					

rv_nb_deblended_transits	grvs_mag	grvs_mag_error	grvs_mag_nb_transits	vbroad
	5	11.8458	0.0141	10
	6	11.5118	0.0510	4
	6	10.4078	0.0122	11 12.14
	4	11.4171	0.0114	5
	5			
	3	11.1370	0.0159	16 77.46
	5	11.3830	0.0208	10
	3			
	4	9.6646	0.0237	3
	8	9.8305	0.0177	8
	6	11.4200	0.0400	19
	11	11.3169	0.0302	16
	4	9.4883	0.0041	2
	2	9.2393	0.0070	8 53.09
	6	9.9366	0.0138	2
	0	6.7650	0.0053	27 44.55
	1	9.2346	0.0053	4
	6	9.0421	0.0154	5
	0	7.3873	0.0064	16 50.60
	5	9.6684	0.0087	6
	6	9.1513	0.0074	8 69.46
	2	9.6608	0.0093	10 35.48

0	7.4124	0.0052	23	24.16
8	9.5884	0.0208	3	
6	9.3964	0.0120	3	
0	5.5913	0.0055	16	138.16
6	8.6425	0.0073	9	12.51
4	8.4489	0.0130	5	
4	8.4922	0.0725	12	
10	9.1446	0.0103	7	13.30
6	9.4467	0.0057	5	
0	7.5979	0.0159	29	140.51

6	8.5962	0.0098	5	
4	10.0756	0.0082	10	91.58
8	9.7364	0.0130	9	
1	8.0742	0.0205	30	237.69
2	8.4823	0.0061	13	154.81
4	10.6015	0.0236	7	13.47
7	8.8186	0.0062	11	31.63
0	8.0582	0.0067	22	117.30
8	9.4407	0.0248	3	
4	8.6685	0.0111	6	
0	6.3798	0.0062	23	29.30

5	9.3614	0.0074	14	
2	8.9827	0.0045	2	
9	10.0478	0.0100	10	68.53
1	8.9973	0.0111	4	

2	10.5483	0.0113	6	
10	9.7601	0.0058	16	26.25
5	9.1944	0.0121	15	59.30
2	8.7619	0.0043	4	
5	8.7103	0.0126	4	
1	7.5906	0.0044	39	186.79
4	8.9176	0.0089	9	115.86

0	7.4790	0.0063	19	30.37
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0	6.3491	0.0062	22	50.19
7	10.4845	0.0145	6	85.61
1	8.2648	0.0058	14	141.14
0	7.1921	0.0064	15	29.02
1	8.2625	0.0098	14	23.95
6	10.2790	0.0097	14	24.89
0	6.9287	0.0052	15	20.21
1	10.6200	0.0182	9	18.42
1	8.2941	0.0068	11	91.41
6	10.1642	0.0068	16	122.85
7	9.5520	0.0083	9	102.86
8	10.0771	0.0105	5	
2				
0	5.3562	0.0055	13	91.35
11				
17	9.4680	0.0062	18	25.76
9	9.6718	0.0079	8	164.88
0	7.6572	0.0050	31	138.07
0	4.6428	0.0070	24	39.61
9	9.4400	0.0097	10	82.90
6	11.5172	0.0123	18	

1	9.7777	0.0123	5	
8	10.0349	0.0082	6	20.66
8	10.6805	0.0268	4	
9	9.2658	0.0135	4	
11	10.2285	0.0056	30	76.49
4	11.7970	0.0299	12	
1	9.5725	0.0372	4	
0	7.6902	0.0060	22	154.00
3	10.2616	0.0204	2	
3	9.9680	0.0069	8	237.61
1	7.8827	0.0054	19	64.25
0	6.6240	0.0136	12	117.57
7	9.7107	0.0132	4	
8	8.8324	0.0058	6	30.84
2	8.3376	0.0268	18	71.68
3	9.1695	0.0179	7	72.57
1	8.1365	0.0052	14	22.89
3	9.1024	0.0111	3	

4	9.1022	0.0078	10	61.21
9	9.8568	0.0114	8	91.91
0	7.8460	0.0045	33	70.92
0	8.0246	0.0084	9	50.44
0	6.8725	0.0050	21	23.86
0	6.9405	0.0049	39	42.58
4	10.3793	0.0116	5	
6	10.8994	0.0140	7	132.46
1	9.1010	0.0235	11	11.67
11	9.3378	0.0160	6	
0	5.2668	0.0049	10	24.83
6	10.4995	0.0105	12	129.12
4	11.7508	0.0272	15	
4	10.3589	0.0076	13	185.33
2	11.2545	0.0225	9	6.91
8	9.3485	0.0097	2	
4	9.5454	0.0069	10	
1	8.6168	0.0116	6	11.73
1	11.5691	0.0187	6	
8	11.6882	0.0181	14	
1	9.1590	0.0684	5	
3	8.3992	0.0122	9	32.05
6	10.8445	0.0173	7	10.67
12	10.6122	0.0102	21	97.31

4	10.2353	0.0084	12	27.96
2	8.9508	0.0062	8	71.12
2	11.0863	0.0098	26	
6	11.7003	0.0229	22	
5	11.1898	0.0082	32	20.36
6	11.6769	0.0449	4	

4	11.8833	0.0201	20	
2	10.8835	0.0128	15	

5	9.8334	0.0120	12	14.06
7	11.5498	0.0273	5	

3	8.5148	0.0070	11	12.17
1	9.5485	0.0083	8	94.88
3				
2	11.2664	0.0174	11	25.58

vbroad_error	vbroad_nb_transits	phot_variable_flag	non_single_star	has_rvs	r_med_geo
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123.98	15	NOT AVAILABLE		0 #####	
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7.50	21	NOT AVAILABLE		0 #####	
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31.61	8	VARIABLE		0 PRAVDA	
4.60	10	VARIABLE		0 #####	
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		VARIABLE	0	#####	
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3.59	12	NOT_AVAILABLE	0	PRAVDA	92.1375046
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1.58	9	NOT_AVAILABLE	0	#####	
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10.87	7	NOT_AVAILABLE	0	#####	
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20.82	28	NOT_AVAILABLE	0	PRAVDA	
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53.18	10	VARIABLE	0	PRAVDA	
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22.30	13	VARIABLE	0	PRAVDA	
38.50	7	NOT_AVAILABLE	0	PRAVDA	
21.06	11	VARIABLE	0	PRAVDA	
16.73	21	VARIABLE	0	PRAVDA	
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3.23	23	NOT_AVAILABLE	0	PRAVDA	
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25.73	9	NOT_AVAILABLE	0	#####	
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21.07	16	NOT_AVAILABLE	0	PRAVDA	
33.67	8	VARIABLE	0	#####	
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3.97	39	NOT_AVAILABLE	0	#####	162.339355
29.39	9	NOT_AVAILABLE	0	#####	
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1.34	19	NOT_AVAILABLE	0	#####	141.685196

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8.74	14 NOT_AVAILABLE	0 #####	
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4.10	15 VARIABLE	0 PRAVDA	
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2.66	18 NOT_AVAILABLE	0 #####	
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38.31	7 NOT_AVAILABLE	0 #####	
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19.53	24 NOT_AVAILABLE	0 #####	
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8.14	6	NOT_AVAILABLE	0 PRAVDA	
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59.50	29	NOT_AVAILABLE	0 #####	
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20.81	20	NOT_AVAILABLE	0 #####	
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53.39	8	NOT_AVAILABLE	0 PRAVDA	
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21.17	18	VARIABLE	0 PRAVDA	
11.08	12	VARIABLE	0 PRAVDA	
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11.01	16	VARIABLE	0 PRAVDA	
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6.31	13	VARIABLE	0 #####	
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16.24	10 VARIABLE	0 PRAVDA	
46.32	7 VARIABLE	0 #####	
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13.76	24 NOT_AVAILABLE	0 PRAVDA	
8.50	8 VARIABLE	0 PRAVDA	
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5.76	21 NOT_AVAILABLE	0 PRAVDA	
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6.95	37 VARIABLE	0 #####	129.969482
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106.24	7 NOT_AVAILABLE	0 #####	
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7.22	11 VARIABLE	0 PRAVDA	
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91.69	12 NOT_AVAILABLE	0 PRAVDA	
159.39	8 NOT_AVAILABLE	0 #####	
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	VARIABLE	0 PRAVDA	
6.96	6 NOT_AVAILABLE	0 #####	
	NOT_AVAILABLE	0 #####	
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16.47	6 NOT_AVAILABLE	0 #####	
41.79	21 NOT_AVAILABLE	0 PRAVDA	
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6.04	9 NOT_AVAILABLE	0 #####
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79.17	11 NOT_AVAILABLE	0 #####
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r_med_photgeo	Source	RA_ICRS	DE_ICRS	mass16	mass50	mass84
	0 5240688273900935040	169.9333010	-63.4821426	1.881	2.302	2.587
	0 2015662722215630080	351.1133316	61.5435830	2.114	2.397	2.813
	0 5240688278217818624	169.9251613	-63.4760371	1.535	1.935	2.201
	0 5963931358914492160	254.5220956	-45.8938696	1.821	1.848	2.031
	0 4054318564734602752	265.1046960	-32.1031188	1.399	1.658	1.671
	0 5835123984094812544	244.7069608	-57.9084355	2.559	2.843	2.996
	0 5967201096026903808	255.5758826	-39.7032719	1.848	2.343	2.572
	0 4092908772859867648	277.9285103	-19.0691184	1.601	1.748	2.045
	0 5240688278217814144	169.9360023	-63.4865878	1.810	2.153	2.561
	0 5260177534138699904	150.1895758	-54.7818819	1.333	2.100	2.853
	0 4252502954359718784	282.7889077	-6.2604558	2.552	2.717	2.749
	0 201045980314029184	77.0552283	40.7536408	2.798	2.939	3.288
	0 1996853411155856384	350.2764467	55.4355065	1.885	2.202	2.437
	0 942821088992726016	96.9726342	36.0547530	1.949	2.306	2.533
	0 888458622775254656	102.5000597	29.5493072	2.073	2.241	2.428
	0 183262612388074496	82.0005774	35.2788813	1.898	2.093	2.400
	0 72049489436410752	56.3096886	29.7265039	1.819	2.103	2.438
	0 2061067845160938880	305.2342942	38.0686857	2.554	2.944	3.530
	0 3423316331959721600	91.2209332	20.9140844	2.650	3.384	3.788
	0 3427146510778976896	93.4271821	26.6415626	2.959	3.344	3.594
	0 1966710707894388608	324.7123956	41.7544785	2.982	3.206	3.470
	0 271765228187699328	64.0320287	51.3320768	2.436	2.933	3.193
	0 3373847718978934656	93.7599430	18.7532623	2.332	2.895	3.137
	0 271669914274685312	63.8761726	51.2182685	2.152	2.450	2.757
	0 187964609445409536	79.9841923	39.3551813	1.599	1.865	2.516
	0 1978967483714383616	325.9075115	49.6783254	2.011	2.206	2.414
	0 5966508030054972288	253.6858012	-41.7956846	1.445	1.921	2.033
	0 5966515967154648064	253.4669125	-41.8150331	2.837	3.046	3.439
	0 5527255299411894656	125.4265027	-42.0892536	0.729	0.966	1.520
	0 2173516720403054208	326.0475631	53.7383801	2.148	2.648	3.392
	0 4092406197334316672	279.3769249	-19.6040197	2.191	2.504	2.898
	0 5309847593959975808	138.4428432	-56.4112024	2.241	2.581	2.804
	0 375033078249501696	12.7916745	41.1979310	1.659	1.736	1.774
116.907753	0 3466791945137514368	179.2653333	-33.3154812	2.089	2.246	2.478
	0 5597184548183516032	119.0201045	-30.0441230	1.570	2.012	2.303
	0 6094112367404775680	211.8545370	-48.3118138	2.407	2.750	2.883
	0 3186573508353330816	73.9400116	-7.8938026	1.823	1.989	2.062
	0 5864665177106408448	206.6492991	-62.9051555	1.797	2.023	2.189
	0 1978443325910675712	323.2920739	48.3033199	2.770	2.771	2.778
	0 3104635771552173696	97.0250109	-4.0702336	2.091	2.248	2.355
	0 5519518615906685696	121.3127040	-46.7426455	2.168	2.244	2.401
	0 248229528957381248	54.5650704	47.5768586	1.898	2.089	2.329
	0 3034556645614043520	111.9287849	-11.7960245	2.189	2.284	2.543
	0 5436355580767094144	142.9546052	-36.5376376	2.054	2.279	2.524
	0 5938814282779278080	256.4048168	-47.9164519	2.577	2.897	3.247
	0 5368269388368281600	157.8053705	-42.2293850	2.253	2.407	2.542
92.8159714						
164.11705	0 5491666203962574080	108.4160797	-53.6678038	2.284	2.792	2.971

	0	243185278842565376	51.2171934	47.9150119	1.966	1.966	2.188
	0	1978652748518359808	322.9265491	48.5845300	2.766	2.776	3.126
	0	3329642167521481728	90.4506274	9.4942933	1.558	1.795	2.069
	0	3446274443983572864	83.2968548	30.3952021	1.830	2.068	2.139
	0	3344712726726459520	94.7898828	14.5222603	0.757	2.315	2.656
	0	185682744859022976	77.7488086	36.4577810	1.550	1.770	1.946
4.202	2244529022468155008	305.7263612	64.1829335	2.556	2.928	3.301	
	0	5974923417167995904	262.4089958	-35.7739850	3.139	3.564	4.230
	0	4067753497327490304	268.4004885	-24.4352090	2.853	3.506	3.546
	0	5307943377256129536	146.6785035	-55.3405045	2.729	3.044	3.094
92.0554352							
	0	4104468355326255616	278.4616566	-14.4258298	2.533	2.938	2.996
	0	1809673097101528960	301.2937247	16.6760904	1.728	1.890	2.023
	0	5538811888178960000	116.1791239	-38.0977049	2.061	2.160	2.558
	0	1978660410740287104	323.0280370	48.7163570	2.027	2.047	2.368
	0	2021468448546718080	294.1940217	25.2883006	1.743	2.033	2.293
	0	3033686450880903936	111.9538488	-12.6862545	2.252	2.573	2.806
	0	4477214749926383104	276.7203929	6.4233222	2.845	3.308	4.343
	0	3131297485415238784	97.8201484	4.6238473	3.256	3.309	4.148
	0	4087060749697961984	287.3995453	-18.9721038	3.265	3.581	3.916
	0	5222602750727559552	138.7288694	-69.8669911	2.139	2.248	2.523
	0	4103695119364941568	278.8367692	-14.6854699	2.220	2.299	2.665
	0	5258821011647816960	152.1224664	-57.7221644	2.574	2.964	3.202
173.630585	0	6017520318720281216	249.6288497	-39.1524244	2.584	2.958	3.337
	0	3241266270439474048	79.4123228	7.1508072	3.155	3.515	3.576
	0	5581262245413519360	98.0690425	-35.9801233	2.582	2.796	3.000
	0	5314072570457128320	140.8431001	-49.5927993	1.972	2.330	2.338
	0	1988151635620519040	336.7299445	49.7119691	2.924	3.218	3.555
	0	415178992264005632	11.7972827	50.6546153	3.024	3.412	3.760
	0	3326127475522924032	98.7189569	8.3089630	2.607	2.858	3.196
	0	5531044487058453632	118.4959694	-45.6432508	2.270	2.434	2.585
	0	2099676195231124736	288.3722006	39.0377535	2.842	3.020	3.259
	0	6725093022278251264	270.0794878	-42.6164703	2.529	2.735	3.020
	0	1993166095832054912	353.9617821	52.6151140	2.842	3.145	3.658
	0	5791924653210500352	222.8748692	-77.1760168	3.392	3.612	3.938
	0	3121021896418348928	92.8577023	-2.0072237	2.864	3.112	3.525
	0	5309451116934582400	146.2771957	-52.3619047	2.916	3.058	3.162
	0	6837329073258602880	326.9018317	-17.2947418	2.790	3.122	3.516
	0	6209786213322993152	231.8896139	-29.5292524	2.259	2.723	3.173
	0	2952071798690696448	98.0264856	-12.4434165	2.443	2.684	2.865
	0	4320297093326819712	288.5565599	14.3917904	2.899	3.163	4.183
	0	4085145194298893440	283.0187450	-20.6047744	3.448	3.792	4.680
	0	3345191014284099200	92.1005154	13.9466245	2.314	2.429	2.648
	0	2936143757857184384	105.7883574	-15.7842820	2.504	2.753	2.954
	0	5290657336465950976	119.0944558	-61.2838769	2.229	2.473	2.744
	0	2620491557404674816	330.1666429	-6.4325132	2.200	2.346	2.599
	0	3451399606983976960	88.0037259	33.5535824	2.949	3.106	3.169
162.381714	0	1836133982608735488	304.2164328	27.0548117	1.643	1.848	1.849
	0	216648703146774016	56.4495623	32.0162390	2.458	2.991	3.193
	0	3446957305127623680	81.6201036	30.3612915	2.037	2.262	2.544
141.720154	0	3014986300704795520	80.9318106	-8.2895994	1.749	1.869	1.973

	0 2909808113606368000	90.1187255	-27.8884894	2.177	2.405	2.609
142.086838	0 2865971035979516928	352.9291366	28.4034240	2.166	2.237	2.561
	0 5474655900086475904	157.6449619	-22.5211070	1.993	2.107	2.356
	0 5489753637848432896	116.9728134	-52.5596756	1.908	2.059	2.254
	0 1978647762043764608	322.9359891	48.4842664	2.289	2.512	2.937
	0 4040825839145829760	268.5159819	-34.7348676	1.940	2.134	2.352
155.672714	0 2168511429924111360	315.0276394	48.6794552	1.853	1.948	2.201
	0 201683108647509760	75.1662182	41.2700846	2.107	2.758	3.114
	0 951481083091175808	102.0868384	41.0840970	2.273	2.510	2.733
	0 2320926178443221888	1.2118642	-29.6330262	1.719	1.976	2.187
	0 3030015215917673088	114.2843677	-14.5540704	1.785	1.859	1.993
	0 3294776344564853888	72.3610910	10.9883906	2.600	2.917	3.097
	0 960144100846942464	93.4297766	41.6972167	2.145	2.707	3.274
	0 194667713362828800	83.2762249	42.3072850	1.612	1.727	1.840
199.890762	0 678716196978038144	127.1261213	24.5412658	1.662	1.802	2.003
	0 5290923143401218432	118.7676335	-60.6399061	1.548	1.750	1.858
	0 5527699330314830720	125.8788592	-41.0334248	1.643	1.683	2.070
	0 3086489534725024896	113.3728774	0.2696910	2.313	2.509	2.668
24.8672028						
	0 3294750261225993600	72.1724579	10.8673003	2.139	2.562	2.712
82.4254227						
	0 6632075261948379520	282.0511941	-61.0052241	1.344	1.344	1.421
	0 2930057647456047616	110.0514369	-20.1322411	1.816	2.033	2.086
	0 5343949118887295104	177.6063448	-55.6505137	1.667	2.206	2.594
45.8384323						
	0 5538882802373686784	117.9857742	-38.4136265	1.610	1.629	1.674
	0 5364898182642742016	158.3883872	-46.9834017	1.494	1.710	1.810
	0 5546088112527125632	121.4443344	-33.5692136	3.953	4.313	5.226
	0 5541472465805985024	122.7569850	-37.2923528	6.802	7.624	9.948
	0 5256713454040430336	150.4663411	-59.9819434	6.715	6.868	8.367
	0 2089014299695630720	299.8140127	52.0557027	3.757	4.623	5.168
	0 3370788946352956416	94.8816393	18.5232145	3.494	3.707	3.943
	0 2033819301358898304	298.0346221	31.7961293	2.975	3.019	3.391
	0 2012040312433901056	352.3590684	59.6027217	2.769	2.826	2.988
	0 3398673454584155648	89.3872537	19.0088306	2.814	3.627	3.909
	0 3368008594979467520	105.3015200	22.3352515	3.351	3.723	4.042
	0 2027052116500700032	298.2848303	26.1940436	2.784	2.969	3.449
	0 1999976707072522368	333.7975153	49.7584419	3.224	3.590	3.816
	0 3426265256505487104	92.3643858	24.2435109	4.084	4.511	5.254
	0 5597185235378262528	119.0497554	-30.0420981	1.898	2.022	2.288
	0 5967636541310787584	250.0654387	-43.3541004	2.147	2.443	2.827
	0 476268957813243136	61.9200422	62.2612714	2.999	3.156	3.287
	0 4293416301715862784	287.1821120	4.7144076	0.772	0.903	2.709
	0 4092907986980076672	277.9356584	-19.1204655	2.656	3.180	3.222

103.842476

	0	202582307298898304	77.7445682	44.3245075	2.317	2.814	3.159
	0	3351591920008250752	102.2564049	12.2459033	2.211	2.401	2.723
	0	190596565402626560	82.7365530	38.4587753	3.024	3.576	3.971
	0	2062359084127740032	304.5287953	40.7182044	2.365	2.987	3.290
2.883	5427054429650918400	138.1259588	-43.6130470	2.918	3.269	3.591	
	0	5966510018617341952	253.5064162	-41.8236714	1.865	2.495	2.527
	0	5848717967876097280	222.7206814	-66.5228993	2.389	2.557	2.968
	0	462979302507491968	47.3509007	60.4396131	2.942	3.368	3.928
	0	5943109804152088576	251.6324269	-45.7654298	3.196	3.765	4.355
	0	5513441859956191104	123.7991719	-50.4389780	2.554	2.782	3.334
	0	5931882759702002560	245.5758258	-55.1216629	2.342	2.842	3.158
	0	5833048415366810240	240.3341057	-60.5372886	2.805	3.014	3.392
	0	3327312302381307776	97.6960544	10.0628772	2.208	2.433	2.667
	0	3374031754037085184	94.9250651	19.8035774	2.448	3.010	3.309
	0	3430866811447421440	89.3559606	27.4481019	1.835	1.981	2.698
	0	522575547156998528	18.2913318	61.7061590	2.486	2.730	2.767
	0	5605017086754595328	108.8277345	-31.9096605	2.960	3.233	3.409
	0	2014304550472800128	344.2340181	59.9617129	3.769	4.284	4.692
	0	3974052600978768256	175.6833387	18.2420378	3.220	3.384	3.786
	0	3372304008952260608	97.1893484	19.4556713	1.984	2.323	2.737
	0	198787171115376768	74.9684641	38.1787691	1.848	2.386	2.828
	0	3433937545564326784	95.3597069	29.2468676	2.517	2.770	3.150
	0	3116319040369359360	106.2896281	3.7641449	2.181	2.345	2.571
	0	3111410236349692800	108.1793738	0.8862782	2.059	2.198	2.380
	0	5256705997976814080	150.4239493	-60.1129234	4.231	5.024	6.241
	0	3426291747863689856	92.5585314	24.4124938	2.169	2.656	2.863
	0	5290722929205920640	119.1878949	-60.8150290	2.616	2.975	3.384
	0	5533803780207858304	118.9858335	-43.1918006	3.662	4.292	4.605
	0	5195939769849346560	144.4780773	-80.3504142	2.340	2.659	3.172
	0	2262275415015759872	284.7193279	69.5313423	3.198	3.550	3.902
	0	5321626009181506688	130.0346998	-51.9415151	3.540	3.567	3.745
	0	3052494490626007168	106.5923904	-7.3114936	3.415	3.467	4.412
	0	3449518106367398784	84.0099483	34.1141298	3.717	4.033	4.592
	0	5352758229939579136	162.6331665	-55.9830703	3.397	3.569	3.968
151.145218	0	5239734932919731456	159.5729557	-65.0418833	2.309	2.558	2.867
	0	5825859086765268864	235.4987525	-64.2998928	2.519	2.946	3.442
	0	5254158979301634560	161.1632463	-60.9656420	2.419	2.592	2.795
	0	1868977047756756352	317.7042390	38.2177224	2.784	3.192	3.504
	0	5976384702519997824	256.0388842	-37.7675083	2.654	3.005	3.487
	0	5516418203578671232	125.0337637	-47.6601681	2.635	3.143	3.373
	0	2909237260914886272	84.8927472	-25.1481713	2.281	2.701	2.892
	0	6115171824705184640	205.7529403	-38.3356887	3.838	4.293	4.762
	0	1993166130192090624	354.0044221	52.6325257	2.282	2.733	2.862
	0	6056235222657917696	189.5657026	-61.6020267	2.615	3.256	3.638
	0	3113576072398100096	102.9432358	0.4657262	3.248	3.302	4.740

	0 5889672748790799360	229.7886811	-52.0671104	2.338	2.922	3.386
	0 2244529022468155008	305.7263612	64.1829335	2.556	2.928	3.301
	0 396587148287748736	22.0236241	43.8774376	2.878	3.301	4.182
	0 6082432255383245568	201.2988162	-49.8297017	3.098	3.394	3.579
	0 2068255902418555392	308.0536434	43.0659810	2.600	2.754	3.150
	0 5983384949429882112	240.5852006	-49.9691292	1.945	2.053	2.372
	0 4095676316659123328	273.2641392	-18.3123189	2.534	2.563	2.703
	0 2279650069555318784	339.8455531	75.6576325	3.027	3.412	3.616
	0 5359135229887129344	153.8932613	-49.2241086	2.860	3.153	3.368
	0 3104244792087711360	97.0448390	-4.8990376	3.131	3.136	3.477
	0 4095104845481820800	272.4027285	-19.3575372	3.128	3.372	4.158
	0 4040842056948543232	268.3165982	-34.6208769	2.788	3.051	3.288
130.114197	0 6244725050721030528	245.0228316	-20.0565075	1.639	1.737	1.863
	0 3443294419580026112	86.7681430	28.2290833	2.913	3.473	4.130
	0 3446802621883768576	80.2257946	30.0962656	1.899	1.977	2.220
	0 5290820682661822848	119.5120868	-60.6147365	3.007	3.583	3.981
	0 3454807788087775872	86.9769087	35.2391646	2.412	2.465	2.877
	0 218807078833972224	58.1030673	34.4635214	1.978	2.313	2.565
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134.492615	0 66507469798631808	57.4919880	23.8484873	2.122	2.266	2.541
	0 6091115545386323712	211.8970419	-48.3301273	3.530	3.971	4.342
	0 3454429075052387584	87.9215606	33.9809937	1.965	2.262	2.458
	0 3441493075934604672	86.9389786	27.1675141	1.754	1.843	1.996
	0 3429468236952165376	87.4192821	26.9422152	2.194	2.609	3.085
	0 182616172571982208	82.0741888	34.1198822	2.381	2.596	3.251
	0 3030028925451798400	114.1074406	-14.4854608	2.329	2.480	2.753
	0 5552038050980574976	98.4950353	-48.1505289	2.102	2.350	2.594
	0 951475379375151488	102.0921372	40.9624880	2.550	2.698	2.914
	0 3100570842705851008	100.3969324	-5.7694595	1.946	2.462	2.729
	0 275061735847138048	62.3167453	52.8967693	2.635	3.062	3.363
	0 251943988474735872	58.0762374	52.4715178	1.934	2.185	2.458
	0 266079374381737344	76.1863676	52.8551540	1.653	1.962	2.237
	0 3124515178002448640	95.0108501	1.8715340	1.980	2.317	2.706
	0 3369484689340578816	97.2036383	16.8698767	3.085	3.484	4.054
	0 187964708227242240	80.0340100	39.3824537	2.812	2.974	3.140
	0 3398075805593109888	87.2625154	17.8013918	2.441	2.716	2.961
	0 2001446071231691392	337.0444010	52.3038662	1.934	1.985	2.244
	0 3370793589214196224	94.7969387	18.6228363	1.812	2.027	2.225
	0 3423641753040056064	91.0696855	22.0407038	1.887	2.320	2.554
	0 3365830045829448832	102.0783000	20.0929010	2.806	3.315	3.741
	0 260640094657119104	72.0251823	52.6062239	2.563	2.991	3.106
	0 3376828602380009984	94.9494918	22.3188310	1.954	2.399	2.530
	0 3133228017376424832	101.7679959	7.5243683	3.016	3.441	3.881
	0 3429076913894849664	87.8383975	25.5242084	2.187	2.492	2.800
0.002	1976145862000260736	330.8911350	48.1916252	1.443	1.589	1.680
	0 271554358174335744	64.2460063	50.9513118	2.315	2.579	2.712
	0 1864493067538045568	315.1193295	30.1592223	2.132	2.567	2.905
	0 3019972890876467968	92.0529125	-6.1956720	2.731	3.014	3.371

0 3024860396158226048	91.2699666	-2.6352201	2.001	2.143	2.556
0 512374793672671872	22.4555910	62.6441038	3.323	3.651	3.916
0 3373216878480424320	92.7665315	17.2745877	2.411	3.053	3.529
0 3318304793888036736	92.0863806	5.2204019	2.000	2.745	2.976
0 3318272804971708544	91.7761128	5.0217041	1.889	2.106	2.267
0 3413337954697109632	73.7687379	23.1561736	2.414	2.673	3.199
0 271667474733308288	63.7812199	51.1060224	1.783	2.027	2.383
0 2058937850640472064	302.4654362	35.5716868	1.714	1.932	2.237
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0 182707943131604224	80.9632208	34.1105950	1.979	2.137	2.470
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0 3358965043122706688	99.0296878	17.2117813	2.717	3.171	3.612
0 203356054246421248	71.4730530	41.5025008	2.122	2.222	2.487
0 1975146852601737728	330.0334677	46.3118264	1.723	1.827	2.082
0 2058916169643761280	303.2392761	35.8774649	2.058	2.205	3.715
0 229594971530961024	66.2331069	44.3263135	2.506	3.043	3.481
0 203518472730004864	71.3181662	41.4504381	2.840	3.152	3.288
0 2028837276743490176	298.1542846	29.3859255	2.545	2.790	3.833
0 3441644469239015168	85.4840356	27.3004018	2.036	2.418	2.695
0 203445144752739968	72.2290465	41.6548598	2.261	2.573	2.779
0 2007680267805377152	338.8886836	57.4718156	3.448	3.777	4.010
0 458374135501713280	34.8833918	57.1217896	2.317	2.504	2.970
0 2007403019073163008	343.0343862	58.3286992	2.477	2.926	3.292
0 511792499184095104	27.6258720	62.3906065	2.798	2.934	3.199
0 430313980283811712	8.1731981	61.8003871	2.758	3.683	3.876
0 1980709453735087360	327.9559699	51.4296369	2.233	2.614	2.639
0 509675595705653120	26.3597162	60.6094855	2.573	2.993	3.548
0 2058428742392891264	300.3318914	33.6158170	2.441	3.024	3.319
0 510564860094218624	19.3939137	61.3002497	2.642	2.767	3.393
0 508046222551900544	29.8411331	60.7229317	1.888	2.294	2.642
0 253436747311206528	67.2765449	44.4080960	1.774	1.803	2.443
0 428478276900426368	7.6026559	59.4984500	1.933	2.450	2.567
0 443209293166008448	53.0965398	52.4778809	1.868	2.927	3.406
0 5933387372597401216	243.2308309	-52.3582985	2.357	2.987	3.043
0 2062618225278210560	303.6335368	41.1772103	1.883	1.884	2.634
0 3457078898074796416	91.5265716	37.3801820	1.229	2.186	2.585
0 3126063569552093568	102.7132394	1.2965888	2.362	2.846	3.281
0 3127204896981504768	101.0647725	2.5768291	1.605	1.674	1.927
0 3131891973309856640	99.2978462	6.0570636	2.436	2.878	3.192
0 3355753919414554624	100.0349308	13.4563269	1.508	1.595	1.726
0 3368982075084757632	94.8562983	15.3365834	1.558	1.574	2.600
0 3370523178072879360	96.3690695	17.6868095	1.998	2.249	2.651
0 2030235408848135936	299.8584800	30.0577509	2.508	2.839	3.156
0 2055783798439529088	303.6689715	34.7628443	2.378	2.853	2.899
0 257301977356949760	68.6809646	47.2596881	2.469	3.018	3.258
0 430752341826666112	7.4993755	62.8208064	3.128	3.332	3.788
0 430758247398854912	7.5238997	62.8426467	2.261	2.435	2.972
0 5933363561297041920	243.2290137	-52.4003052	1.885	2.208	2.772
0 4293416301731079936	287.1823930	4.7151176	1.320	1.906	3.312

0 4075078783059744128	282.5219824	-24.2340330	2.894	3.628	3.683
0 2879188162177317632	356.6529685	36.1142344	1.901	1.933	2.026
0 342855251987671040	29.3213021	37.4357734	1.538	1.597	1.699
0 4283884601070427904	279.3775556	5.0484327	2.064	2.558	2.561
0 3418665122894918016	76.0797052	23.6060128	1.909	2.265	2.765
0 3344865318324177792	93.1008171	14.5547101	1.995	2.203	2.633
0 442266805542755456	53.1911780	51.5529284	3.336	3.496	3.529
0 3344010104435893248	92.5889940	12.7395846	2.699	2.894	3.370
0 3448993635021179008	82.0302491	32.7251037	2.320	2.482	2.792
0 5700626842638303872	123.2367923	-22.0515452	2.630	2.941	3.195
0 5859948963782012160	190.7673070	-66.3645277	1.858	1.939	2.148
0 5970178023762816256	253.8685837	-39.4525247	3.528	3.652	3.815

teff16	teff50	teff84	logg16	logg50	logg84	met16	met50	met84	dist05	dist16	dist50
8387	9640	9832	3.891	3.993	4.053	-0.42	-0.12	0.29	1.9216	1.9809	2.0369
8270	9780	11713	3.782	3.903	4.030	-0.22	-0.14	0.11	1.4584	1.4618	1.4682
7714	9084	10451	4.112	4.207	4.315	-0.42	-0.12	0.09	1.8684	1.9454	2.0762
8086	8317	9289	3.970	3.977	4.084	-0.24	-0.21	-0.09	0.9160	0.9320	0.9489
7632	8454	9189	4.066	4.181	4.187	-0.63	-0.61	-0.31	0.4427	0.4468	0.4604
9067	9216	10683	3.550	3.569	3.698	-0.30	-0.21	0.00	0.9389	0.9869	1.0029
8307	9231	10610	3.893	4.008	4.089	-0.31	-0.02	0.29	1.2780	1.3348	1.3442
7552	8603	9591	4.104	4.208	4.289	-0.43	-0.11	0.19	0.6424	0.6519	0.6687
8300	9807	11344	4.028	4.160	4.309	-0.35	-0.19	0.11	1.9871	2.0275	2.1294
5144	7959	11040	2.630	3.704	3.906	-0.47	-0.21	0.00	3.9671	4.6174	6.0864
7453	8005	8081	3.420	3.440	3.453	0.07	0.11	0.30	1.5968	1.8273	1.8418
10941	11575	12567	3.951	4.019	4.076	-0.41	-0.07	0.20	0.8554	0.8733	0.8782
9177	9978	11818	4.164	4.272	4.377	-0.50	-0.19	0.09	0.7737	0.7912	0.8175
9043	9805	10652	4.109	4.158	4.224	-0.30	-0.02	0.20	0.9391	0.9803	1.0286
10102	10630	12184	4.241	4.284	4.368	-0.50	-0.30	0.00	0.3164	0.3187	0.3229
7779	7990	8811	3.797	3.844	3.946	-0.24	0.07	0.47	1.4502	1.5244	1.5627
8605	10035	11638	4.118	4.242	4.356	-0.50	-0.21	0.09	0.3904	0.3940	0.3995
9937	11674	14056	3.965	4.115	4.259	-0.10	0.01	0.28	0.8551	0.8669	0.8792
10830	13185	14119	3.978	4.148	4.218	-0.30	-0.09	0.19	0.9173	0.9346	0.9641
12323	13893	14807	4.132	4.229	4.281	-0.49	-0.29	0.11	0.8285	0.8441	0.8761
13209	14101	15092	4.316	4.365	4.408	-0.51	-0.30	-0.09	0.6140	0.6216	0.6343
11365	12434	13555	4.132	4.249	4.321	-0.49	-0.19	-0.08	1.0733	1.0946	1.1605
8522	9666	10191	3.597	3.638	3.683	-0.40	-0.09	0.10	1.6773	1.7135	1.9114
8845	10192	12090	4.015	4.167	4.219	-0.32	0.00	0.30	0.9514	0.9669	1.0100
7107	8113	9993	3.939	3.988	4.194	-0.40	0.09	0.38	2.3801	2.4278	2.6495
9400	10682	12137	4.229	4.299	4.408	-0.41	-0.13	0.00	1.9963	2.0521	2.1507
7094	8767	9209	3.898	4.037	4.103	-0.53	-0.24	0.07	1.2182	1.3214	1.4603
10182	10995	12878	3.880	3.964	4.113	-0.08	0.12	0.23	1.4165	1.4387	1.5807
5385	5975	8142	3.172	3.207	3.431	-1.91	-1.28	-0.52	1.3362	1.3409	1.4357
7892	10556	12542	3.687	3.942	4.059	-0.22	-0.12	0.26	2.7541	2.8805	3.0660
8718	9576	11034	3.825	3.909	4.022	-0.39	0.12	0.29	0.5493	0.5631	0.5718
10280	11647	12606	4.170	4.287	4.350	-0.41	-0.18	0.09	0.4223	0.4278	0.4341
7545	7817	8037	4.210	4.232	4.250	-0.02	0.20	0.31	0.3344	0.3381	0.3427
9379	9812	10191	4.032	4.042	4.102	-0.43	-0.12	0.10	0.1156	0.1159	0.1175
7754	8625	9867	3.943	4.032	4.166	-0.52	-0.02	0.20	1.8320	1.8675	1.9096
9435	10889	12278	3.930	4.079	4.158	-0.42	0.00	0.21	0.6693	0.6886	0.6973
8327	8791	9483	4.088	4.158	4.208	-0.34	0.00	0.20	0.1753	0.1754	0.1778
8930	9911	10781	4.204	4.307	4.352	-0.51	-0.29	-0.02	1.4301	1.4636	1.5408
8455	8466	8466	3.483	3.484	3.489	0.51	0.51	0.51	0.2971	0.2998	0.3003
9900	10118	11082	4.229	4.275	4.335	-0.40	-0.11	0.01	0.3729	0.3752	0.3830
10424	11169	12012	4.287	4.335	4.386	-0.59	-0.31	-0.09	0.3328	0.3345	0.3392
9110	9542	10170	4.111	4.144	4.221	-0.50	-0.20	0.29	0.1606	0.1649	0.1683
9567	10410	11435	4.143	4.214	4.273	-0.42	-0.09	0.01	0.4847	0.4966	0.5070
9030	9781	11113	4.052	4.115	4.203	-0.41	-0.10	0.09	0.4026	0.4066	0.4133
10533	11626	13083	4.067	4.124	4.254	-0.30	0.09	0.23	0.5523	0.5574	0.5742
10218	10998	11760	4.203	4.250	4.298	-0.40	-0.20	-0.01	0.1777	0.1780	0.1793
10805	11756	13292	4.070	4.190	4.259	-0.50	-0.39	0.08	0.1607	0.1621	0.1631

8566	8567	9079	4.001	4.001	4.066	-0.11	-0.11	-0.05	0.1767	0.1772	0.1776
9667	9703	9950	3.591	3.591	3.646	-0.30	-0.30	0.21	0.2932	0.2943	0.2971
7685	8693	9581	4.069	4.247	4.330	-0.41	-0.09	0.08	3.5577	3.8254	4.6346
9026	9398	9774	4.099	4.160	4.216	-0.32	-0.20	0.09	1.5780	1.6175	1.8373
8327	9286	11076	3.474	3.933	4.184	-2.14	-0.10	0.20	2.9488	3.0450	3.3081
7970	8181	9090	4.152	4.201	4.278	-0.31	-0.09	0.10	1.4414	1.4563	1.5119
10072	11726	13258	3.922	4.047	4.130	-0.33	-0.18	0.21	0.4511	0.4551	0.4632
9853	11639	13752	3.625	3.749	3.894	-0.28	0.10	0.29	0.8184	0.8235	0.8456
8196	9269	9685	3.198	3.356	3.425	-0.20	0.21	0.40	0.9635	0.9714	1.0398
9774	10081	10784	3.646	3.675	3.750	-0.41	-0.19	0.12	0.6214	0.6263	0.6399
8413	10343	10829	3.577	3.715	3.772	-0.23	-0.20	0.11	0.2908	0.2918	0.2954
8490	9029	9603	4.231	4.255	4.302	-0.33	-0.09	0.19	0.2324	0.2344	0.2373
8432	8990	9848	3.809	3.882	3.972	-0.43	-0.22	0.20	0.3545	0.3551	0.3628
9301	9474	10398	4.083	4.090	4.187	-0.31	-0.20	0.08	0.2917	0.2945	0.2988
7979	8539	9373	3.872	3.943	4.025	-0.50	-0.20	0.29	0.3878	0.3898	0.3966
9855	11169	12336	4.081	4.170	4.250	-0.41	-0.19	0.28	0.4955	0.4982	0.5066
9356	11302	15129	3.545	3.728	3.991	-0.31	-0.11	0.21	0.3799	0.3859	0.3939
12081	13094	15044	3.970	4.011	4.146	-0.50	-0.20	0.02	0.6270	0.6407	0.6448
10731	12079	13738	3.628	3.754	3.850	-0.41	-0.10	0.11	0.8038	0.8297	0.8492
9374	10166	11047	4.096	4.137	4.220	-0.39	-0.20	0.09	0.5023	0.5091	0.5212
8406	9026	10066	3.729	3.761	3.896	-0.44	-0.21	0.12	0.2706	0.2716	0.2789
9144	10481	11100	3.670	3.799	3.850	-0.10	0.00	0.11	0.5317	0.5339	0.5636
10884	12083	14130	4.108	4.199	4.307	-0.40	-0.09	0.11	0.1705	0.1711	0.1744
13094	14989	15047	4.162	4.253	4.262	-0.45	-0.40	-0.20	0.3872	0.4080	0.4182
11592	12713	13612	4.255	4.319	4.388	-0.49	-0.30	0.00	0.6499	0.6589	0.6768
9293	10980	11142	4.105	4.226	4.237	-0.33	-0.31	-0.30	0.5062	0.5069	0.5125
9439	11366	11917	3.614	3.729	3.792	-0.41	0.00	0.22	0.4938	0.5059	0.5138
11643	13592	14525	4.053	4.186	4.229	-0.41	-0.08	0.12	0.4326	0.4372	0.4513
9164	10079	11414	3.649	3.707	3.819	-0.31	-0.11	0.10	1.2369	1.2644	1.3099
10517	11785	12504	4.302	4.359	4.419	-0.48	-0.30	-0.20	0.3166	0.3186	0.3229
11663	12698	14118	4.170	4.246	4.333	-0.47	-0.10	0.12	0.3032	0.3051	0.3102
8843	10595	10851	3.783	3.894	3.943	-0.39	0.01	0.29	0.6558	0.6624	0.6760
11473	13352	14821	4.096	4.200	4.302	-0.39	-0.28	0.12	0.4192	0.4221	0.4264
10299	11611	12467	3.577	3.659	3.725	-0.21	-0.01	0.11	0.2764	0.2783	0.2832
10813	12281	13712	4.015	4.079	4.199	-0.31	-0.18	0.23	0.4614	0.4629	0.4666
13649	14516	15115	4.409	4.428	4.466	-0.67	-0.59	-0.21	0.4799	0.4799	0.4875
11769	13054	14816	4.134	4.236	4.318	-0.49	-0.20	0.01	0.2789	0.2812	0.2890
10193	11704	13012	4.067	4.184	4.300	-0.50	-0.10	0.10	0.3659	0.3695	0.3755
11396	12826	13793	4.304	4.378	4.452	-0.59	-0.31	-0.10	0.5878	0.5967	0.6171
11286	12316	14686	3.811	3.883	4.075	-0.49	-0.38	0.23	0.5683	0.5704	0.5820
12742	13368	15926	3.810	3.881	4.031	-0.50	-0.18	0.22	0.6838	0.6954	0.7149
9564	9893	10154	3.882	3.945	3.997	-0.21	-0.10	0.09	0.8232	0.8489	0.9540
11096	12072	13706	4.209	4.298	4.380	-0.58	-0.21	0.01	0.5572	0.5721	0.5856
10186	10982	11853	4.166	4.253	4.320	-0.42	-0.10	0.00	0.3939	0.3972	0.4011
10231	11171	12761	4.233	4.298	4.381	-0.51	-0.29	-0.02	0.3210	0.3281	0.3375
8560	9520	9662	3.422	3.479	3.495	-0.09	0.00	0.21	0.6694	0.6729	0.7058
8238	8753	8826	4.053	4.108	4.120	-0.43	-0.22	-0.02	0.1601	0.1621	0.1622
10767	11766	12060	4.072	4.179	4.238	-0.59	0.10	0.37	0.3102	0.3159	0.3231
9316	9603	11211	4.082	4.147	4.264	-0.33	-0.12	0.21	0.8521	0.8702	0.9190
8279	8485	8861	4.206	4.234	4.269	-0.30	0.08	0.21	0.1401	0.1409	0.1418

8989	9441	11152	3.937	4.011	4.089	-0.21	0.07	0.21	0.2915	0.2940	0.3002
8942	9528	10167	3.864	3.893	3.991	-0.47	-0.10	0.18	0.1397	0.1398	0.1424
8794	9698	10820	4.157	4.211	4.296	-0.41	-0.10	0.12	0.3840	0.3860	0.3924
8884	9983	11462	4.243	4.308	4.407	-0.49	-0.20	0.09	0.5392	0.5447	0.5547
9083	9876	10652	3.792	3.844	3.957	-0.40	-0.08	0.11	0.2926	0.2940	0.3006
8586	9342	10129	3.978	4.027	4.092	-0.60	-0.02	0.20	0.2731	0.2756	0.2790
9021	9389	10077	4.110	4.152	4.208	-0.50	-0.33	0.09	0.1532	0.1536	0.1551
9864	11402	13362	4.004	4.169	4.317	-0.42	-0.19	0.10	3.1577	3.5188	4.0537
8905	9459	10481	3.750	3.794	3.865	-0.39	-0.11	0.08	0.4729	0.4828	0.4973
9003	9424	10172	4.127	4.230	4.279	-0.51	-0.21	0.01	0.2253	0.2258	0.2323
8475	9524	9957	4.233	4.309	4.355	-0.42	-0.20	0.00	0.4451	0.4572	0.4743
9391	9961	11182	3.739	3.822	3.860	-0.22	0.11	0.31	0.3971	0.3989	0.4050
8158	10153	12092	3.608	3.804	3.936	-0.42	-0.09	0.13	0.2235	0.2279	0.2283
8356	8540	9257	4.238	4.273	4.329	-0.42	-0.11	-0.01	0.4908	0.4971	0.5052
8042	8337	9397	4.158	4.191	4.268	-0.31	-0.01	0.19	0.1964	0.1980	0.2009
8204	8506	9095	4.238	4.272	4.330	-0.61	-0.18	0.00	0.3971	0.4001	0.4062
8792	9188	11350	4.256	4.278	4.441	-0.64	-0.45	-0.41	0.3302	0.3328	0.3341
9353	9981	11029	3.979	4.036	4.104	-0.48	0.00	0.39	0.4409	0.4553	0.4629
8359	9342	10221	3.657	3.770	3.811	-0.41	-0.11	0.07	0.3902	0.3954	0.4005
6764	6764	7404	3.940	3.941	3.995	-0.53	-0.44	-0.25	0.4009	0.4016	0.4024
6765	6897	7330	3.598	3.646	3.693	-0.32	0.28	0.39	0.5384	0.5396	0.5450
8081	10407	11735	4.026	4.253	4.333	-0.39	-0.18	0.10	1.9687	2.0160	2.1887
6844	6849	7003	3.936	3.942	3.968	0.07	0.07	0.27	1.3121	1.3241	1.3539
8099	8439	8902	4.198	4.279	4.319	-0.41	-0.11	0.01	0.3141	0.3158	0.3193
14564	15508	17368	3.987	4.048	4.172	-0.38	-0.29	0.12	0.6333	0.6411	0.6570
10262	11306	16706	2.649	2.739	2.979	-0.43	-0.08	0.14	1.0914	1.2035	1.2138
17879	18193	22979	3.849	3.868	4.089	-0.30	0.33	0.40	0.8948	0.9091	1.0039
13880	15887	17155	3.908	4.097	4.157	-0.39	-0.01	0.21	0.2375	0.2412	0.2486
12717	13579	14773	4.007	4.022	4.107	-0.20	0.00	0.22	1.5558	1.5849	1.6182
10496	10634	12051	3.744	3.754	3.885	-0.31	-0.09	0.10	0.6504	0.6613	0.6825
11817	12869	13357	4.266	4.293	4.322	-0.42	-0.29	0.01	0.4509	0.4527	0.4630
11420	13566	14939	3.935	4.088	4.172	-0.58	-0.01	0.12	0.9797	1.0242	1.0749
12437	13675	14708	3.892	3.993	4.046	-0.58	-0.18	0.21	0.8221	0.8374	0.8967
11134	11650	16227	4.180	4.203	4.427	-0.67	0.00	0.32	0.5231	0.5342	0.5402
11869	13216	14954	4.029	4.128	4.175	-0.40	0.10	0.23	0.8109	0.8221	0.8334
11837	12772	15411	3.534	3.569	3.743	-0.19	0.01	0.12	0.7974	0.8109	0.8470
6867	7674	8315	3.604	3.722	3.769	-0.39	-0.02	0.20	1.7650	1.8425	1.8829
8351	9582	10979	3.825	3.896	4.052	-0.22	0.08	0.31	1.4340	1.4431	1.5027
12260	13810	15087	4.243	4.327	4.368	-0.49	-0.30	0.00	0.9786	1.0037	1.0256
4924	5450	7685	2.471	2.615	3.412	-1.10	-0.63	-0.07	2.3236	2.4356	2.7165
9028	10969	11184	3.688	3.846	3.857	-0.21	0.10	0.30	0.6246	0.6473	0.6493

9775	11735	12815	4.004	4.119	4.196	-0.32	-0.19	0.11	0.9635	0.9823	1.0509
10874	11681	12872	4.220	4.304	4.413	-0.60	-0.40	-0.11	3.0136	3.1723	3.4790
12779	13678	15537	4.032	4.175	4.248	-0.49	-0.29	0.21	0.7432	0.7631	0.7917
9976	13059	13981	3.954	4.225	4.250	-0.36	-0.30	-0.20	0.9278	0.9307	0.9839
11962	13319	14936	4.134	4.221	4.327	-0.51	-0.19	0.02	0.1817	0.1834	0.1846
7020	9785	10071	3.754	4.074	4.095	0.07	0.15	0.21	1.5491	1.5881	1.6049
9941	11031	12851	4.060	4.126	4.241	-0.41	-0.10	0.00	0.3961	0.4026	0.4059
12143	13635	15062	4.030	4.109	4.195	-0.32	-0.29	0.21	0.4990	0.5007	0.5184
10846	12295	15251	3.722	3.818	3.995	-0.21	-0.08	0.22	0.7868	0.7932	0.8280
9053	9969	11632	3.688	3.759	3.903	-0.11	-0.08	0.21	0.5984	0.6004	0.6049
10477	11106	12781	3.981	4.103	4.177	-0.42	-0.12	0.22	0.6603	0.6670	0.6809
11429	12079	13208	4.081	4.129	4.225	-0.29	0.00	0.22	0.7467	0.7577	0.7791
9406	9739	10123	3.766	3.854	3.893	-0.59	-0.23	0.11	0.5665	0.5927	0.6054
10834	12232	13648	4.066	4.207	4.279	-0.32	-0.09	0.10	0.8452	0.8554	0.8619
8336	8986	11253	3.978	4.001	4.203	-0.40	-0.22	0.01	1.2486	1.3375	1.4874
9602	9939	10579	3.660	3.742	3.749	-0.52	-0.20	-0.09	0.1775	0.1823	0.1835
11316	12211	13769	4.003	4.110	4.183	-0.21	-0.01	0.29	0.5853	0.6112	0.6334
14163	15384	17101	4.064	4.127	4.198	-0.50	-0.09	0.01	0.3057	0.3085	0.3140
12574	12879	14739	4.106	4.117	4.233	-0.31	-0.08	0.11	0.2950	0.3001	0.3039
9468	11479	13319	4.207	4.332	4.428	-0.61	-0.31	-0.01	3.2026	3.5131	3.9823
8556	10296	12569	4.004	4.168	4.314	-0.42	-0.10	0.11	1.1113	1.1154	1.1749
9038	10556	12036	3.783	3.889	3.985	-0.30	0.01	0.12	0.6986	0.7028	0.7421
9872	10206	11235	4.101	4.152	4.206	-0.41	-0.22	0.21	0.7167	0.7334	0.7655
8875	9604	10092	3.971	4.079	4.135	-0.50	-0.02	0.23	1.5515	1.5682	1.7006
10597	12911	15099	3.117	3.293	3.460	-0.30	-0.07	0.28	0.8642	0.8894	0.9202
9647	10552	11219	3.899	4.032	4.072	-0.50	0.00	0.31	0.7388	0.7590	0.7881
10282	11397	13038	3.864	3.981	4.092	-0.39	-0.19	0.23	0.3891	0.3931	0.3977
13752	15102	16132	3.923	4.069	4.160	-0.51	-0.01	0.23	1.0274	1.0644	1.1504
8639	9614	11185	3.653	3.737	3.865	-0.42	-0.10	0.21	0.3652	0.3667	0.3734
13459	14151	15531	4.175	4.230	4.304	-0.40	-0.29	0.10	0.1911	0.1918	0.1944
13930	14073	14169	4.026	4.032	4.065	-0.40	-0.39	-0.09	0.3448	0.3471	0.3494
11898	12159	13903	3.991	3.994	4.010	0.21	0.21	0.29	0.8654	0.8668	0.8721
13014	14314	15897	3.892	3.929	4.045	-0.59	0.00	0.21	1.0711	1.0898	1.1508
13245	14872	16159	4.182	4.238	4.334	-0.51	-0.31	0.21	0.4901	0.5012	0.5131
10529	11559	12693	4.161	4.219	4.314	-0.59	-0.27	0.00	0.1485	0.1497	0.1511
9414	11103	12558	3.672	3.793	3.941	-0.49	-0.29	0.20	0.5329	0.5428	0.5651
10117	11005	11623	4.040	4.111	4.146	-0.30	-0.10	0.11	0.3797	0.3811	0.3860
11067	12329	13059	3.930	4.045	4.100	-0.49	0.01	0.21	0.5254	0.5307	0.5449
9936	12098	13415	3.838	3.982	4.072	-0.40	-0.21	0.22	0.4515	0.4585	0.4634
11790	13158	14578	4.093	4.233	4.244	-0.59	-0.40	-0.04	0.3803	0.3825	0.3879
9415	9840	10416	3.744	3.802	3.896	-0.50	-0.29	0.30	0.3866	0.4099	0.4205
13027	15019	17245	3.922	4.076	4.183	-0.29	-0.09	0.22	0.6345	0.6639	0.7385
9890	11674	12755	4.133	4.262	4.338	-0.41	-0.10	0.09	0.4272	0.4315	0.4360
8826	10911	11915	3.542	3.694	3.754	-0.21	-0.10	0.22	0.4841	0.4926	0.5038
11407	11582	16625	3.747	3.772	4.133	-0.31	-0.19	0.02	0.7897	0.8100	0.8787

10238	12600	13871	3.954	4.199	4.257	-0.49	-0.42	-0.08	0.7341	0.7647	0.7946
10072	11726	13258	3.922	4.047	4.130	-0.33	-0.18	0.21	0.4511	0.4551	0.4632
10563	12301	15021	3.779	3.998	4.170	-0.30	0.00	0.21	0.4127	0.4300	0.4588
13111	14443	15785	4.286	4.368	4.432	-0.59	-0.40	-0.01	0.7670	0.8097	0.8423
10713	11725	13470	4.109	4.171	4.295	-0.41	0.01	0.21	0.4439	0.4626	0.4692
8335	8948	10316	4.016	4.062	4.175	-0.30	-0.02	0.21	0.4875	0.4926	0.4979
9070	9106	10233	3.686	3.692	3.754	-0.30	-0.15	-0.10	0.5319	0.5726	0.5827
12810	13664	15141	4.183	4.256	4.310	-0.49	-0.19	0.02	0.3237	0.3272	0.3290
12629	13275	14769	4.285	4.320	4.392	-0.59	-0.20	0.01	0.2701	0.2724	0.2795
13416	13811	15429	4.297	4.299	4.403	-0.49	-0.30	-0.30	0.2980	0.3039	0.3114
9911	11002	12851	3.524	3.606	3.753	-0.30	-0.19	0.11	0.5243	0.5363	0.5509
9260	10444	11299	3.628	3.710	3.773	-0.20	-0.01	0.30	0.2711	0.2715	0.2770
7560	7845	8075	3.913	3.933	3.966	-0.47	-0.12	0.08	0.1290	0.1292	0.1301
11082	12187	14467	3.765	3.882	4.008	-0.41	-0.20	0.20	0.6429	0.6532	0.6615
8497	8591	10180	3.968	4.005	4.099	-0.52	-0.13	-0.08	0.7394	0.7526	0.7775
10583	12098	14407	3.713	3.833	3.928	-0.40	-0.10	0.29	0.3897	0.3932	0.4089
8032	8054	9218	3.563	3.583	3.664	-0.10	0.09	0.30	0.6610	0.6711	0.6782
9268	10979	12005	4.139	4.258	4.301	-0.40	-0.21	-0.01	0.3803	0.3851	0.3895
9649	10068	10253	4.031	4.072	4.118	-0.41	-0.12	0.20	0.1331	0.1338	0.1349
11962	13962	14647	3.834	3.937	3.967	-0.30	-0.09	0.02	0.6439	0.6790	0.6942
8749	9246	9959	3.978	4.061	4.147	-0.31	-0.10	0.21	0.6937	0.6990	0.7165
9005	9441	10023	4.242	4.301	4.355	-0.42	-0.21	-0.10	0.8267	0.8495	0.8666
9375	10585	11638	3.799	3.968	4.053	-0.52	-0.10	0.31	0.8517	0.8692	0.8927
8813	9252	11393	3.586	3.729	4.049	-0.20	-0.10	-0.09	0.7990	0.9834	1.6387
9913	10922	11844	4.132	4.167	4.235	-0.40	-0.10	0.20	0.4539	0.4594	0.4667
10516	11018	12271	4.235	4.293	4.387	-0.52	-0.20	0.00	0.4525	0.4566	0.4629
9097	10119	10860	3.637	3.748	3.819	-0.41	-0.21	0.08	0.4983	0.5052	0.5168
8830	10585	11776	4.040	4.144	4.248	-0.40	-0.10	0.29	1.0346	1.0462	1.1220
11777	12401	13701	4.093	4.247	4.348	-0.40	-0.20	0.00	2.4750	2.4827	2.7469
8717	10030	10650	4.019	4.094	4.213	-0.41	-0.21	0.09	1.9098	1.9537	2.1000
8022	8899	10627	4.051	4.125	4.254	-0.54	-0.21	0.19	0.8440	0.8644	0.8842
7660	10301	11209	3.798	3.991	4.127	-0.41	-0.19	0.00	2.1584	2.2542	2.3676
11068	12710	14242	3.856	4.005	4.138	-0.39	0.00	0.22	3.8522	4.2595	4.7910
12059	12210	12812	4.184	4.203	4.258	-0.38	-0.08	0.12	2.3692	2.5921	2.8799
10496	11329	12557	4.060	4.190	4.231	-0.40	-0.18	0.20	1.5524	1.6445	1.7665
8520.31	8836.19	9342.96	3.938	3.977	4.042	-0.42	-0.21	0.09	2.2203	2.2964	2.3242
8106	8604	10247	3.962	4.041	4.123	-0.51	-0.29	0.21	1.4582	1.5025	1.5412
8431	8946	9663	3.600	3.729	3.969	-0.61	-0.41	0.21	2.3722	2.4001	2.6372
10388	12033	13594	3.809	3.936	4.048	-0.39	0.00	0.20	0.6928	0.7034	0.7437
10796	11776	12593	3.990	4.098	4.147	-0.21	0.00	0.02	0.2935	0.2966	0.2977
7686	8971	10012	3.721	3.819	3.893	-0.51	-0.11	-0.10	1.5089	1.5467	1.6151
11979	12753	14206	4.004	4.088	4.206	-0.28	-0.08	0.12	1.2878	1.3372	1.3838
9074	9554	11203	3.832	3.848	4.046	-0.51	-0.09	0.11	0.9215	0.9873	1.0486
7487	7743	8037	4.224	4.255	4.307	-0.33	-0.08	0.19	1.9266	2.0025	2.0907
8876	10148	10454	3.800	3.906	4.001	-0.42	-0.11	0.08	0.9376	0.9606	1.0150
8950	10401	11815	4.012	4.167	4.252	-0.21	0.00	0.23	0.7968	0.8011	0.8202
11123	12288	14072	4.071	4.140	4.257	-0.38	-0.28	0.23	0.7734	0.7848	0.8036

8416	9190	11642	4.040	4.126	4.289	-0.29	-0.08	0.20	0.5306	0.5342	0.5483
12799	13684	14538	4.083	4.088	4.115	-0.09	-0.09	-0.09	2.4221	2.4936	2.7074
10003	11745	14039	3.867	4.047	4.189	-0.41	-0.20	0.11	0.5286	0.5464	0.5638
8961	11054	11878	3.947	4.103	4.136	-0.32	-0.11	0.20	1.8159	1.8278	1.9666
8554	9774	11333	4.170	4.243	4.354	-0.41	-0.12	0.22	2.0212	2.1443	2.2779
8255	10341	12016	3.687	3.846	4.019	-0.41	0.08	0.22	1.1686	1.1897	1.2389
8049	9480	10411	4.036	4.131	4.237	-0.40	-0.11	0.28	0.9381	0.9510	0.9645
7822	9588	10374	4.131	4.240	4.326	-0.42	-0.11	0.10	1.6172	1.6475	1.6829
9281	10852	11671	4.176	4.267	4.328	-0.50	-0.10	0.18	0.8005	0.8264	0.8678
7300	8153	8955	3.582	3.689	3.798	-0.32	-0.22	0.20	2.2356	2.2534	2.4520
7973	9282	13181	3.591	3.630	4.011	-0.09	0.10	0.21	1.7892	1.8955	2.0395
12367	13798	15198	4.212	4.351	4.398	-0.61	-0.29	0.02	3.2504	3.4941	3.9939
9216	9861	10838	4.049	4.123	4.202	-0.50	-0.20	0.20	2.5285	2.7492	2.8716
8394	8848	9680	4.117	4.171	4.254	-0.42	-0.20	0.01	1.9891	2.0368	2.1711
7116	7456	13046	3.643	3.694	4.081	-0.02	0.19	0.21	2.8947	2.8959	3.2138
10316	11787	13637	3.981	4.129	4.203	-0.32	-0.02	0.38	2.1564	2.4174	2.5936
12212	12617	13547	4.156	4.186	4.281	-0.32	-0.07	0.12	2.7775	3.1043	3.3515
10418	10698	14541	3.946	3.959	4.185	-0.21	-0.19	0.20	2.8742	2.9105	3.0369
8292	9693	10803	3.929	4.029	4.142	-0.20	0.00	0.22	1.1633	1.1966	1.2508
9715	10752	11373	3.986	4.036	4.107	-0.51	-0.10	0.21	0.9257	0.9668	0.9926
12913	13925	14803	4.101	4.151	4.215	-0.29	0.02	0.28	2.4602	2.4824	2.5887
8563	9460	11839	3.813	3.926	4.095	-0.47	0.00	0.29	2.1585	2.2258	2.2948
9955	11551	12629	3.865	4.042	4.138	-0.09	0.00	0.21	2.5072	2.5632	2.6061
13086	13669	14812	4.329	4.364	4.394	-0.66	-0.40	-0.30	2.4279	2.5608	2.5926
10107	12866	13609	3.757	3.908	4.109	-0.20	0.01	0.39	2.7723	2.9591	3.3665
11464	12799	12949	4.309	4.423	4.447	-0.50	-0.40	-0.20	1.7221	1.7951	1.8552
10528	10839	12891	3.758	3.833	3.988	-0.22	-0.19	0.01	2.8113	3.0613	3.6147
9804	11691	12645	3.896	4.062	4.148	-0.40	0.21	0.22	2.5073	2.6530	2.8713
8127	10465	12357	3.617	3.654	3.915	-0.49	-0.09	0.49	2.4743	2.5923	2.7671
7857	10999	12253	4.049	4.239	4.362	-0.49	-0.22	0.21	1.1641	1.1920	1.2160
7285	7385	11432	3.864	3.873	4.228	-0.29	-0.03	-0.01	2.2431	2.4144	2.6896
8752	10334	10688	4.022	4.144	4.204	-0.41	-0.10	0.21	1.4803	1.5198	1.5408
7052	10740	12988	3.814	4.035	4.282	-0.10	0.21	0.48	1.9536	1.9926	2.1546
8426.98	10219.4	10565.59	3.546	3.733	3.801	-0.20	0.09	0.21	2.0200	2.2296	2.3753
8174	8192	10273	3.849	3.850	4.093	-0.32	-0.32	0.10	1.7360	1.7456	1.8382
4806	4950	5191	2.317	2.588	2.640	-0.57	-0.30	0.19	1.1780	1.2213	1.2470
10415	11908	13384	3.989	4.270	4.312	-0.20	-0.01	0.12	3.0401	3.5041	3.8304
7918	8197	9180	4.169	4.194	4.297	-0.33	-0.21	0.11	1.3474	1.3937	1.4317
9927	12152	13618	4.034	4.230	4.331	-0.49	-0.21	0.28	1.2614	1.2948	1.3528
6618	6704	7309	4.105	4.144	4.227	0.37	0.49	0.50	3.2752	3.6022	4.2099
6751	6812	12093	4.158	4.186	4.266	-0.43	0.44	0.50	2.4867	2.6475	2.6725
9369	11303	12417	4.229	4.312	4.353	-0.48	-0.20	-0.08	2.7457	2.9349	3.4964
10680	11450	12246	3.912	3.993	4.173	-0.30	-0.10	0.11	3.1277	3.5780	3.9055
12250	13003	13223	4.316	4.406	4.410	-0.58	-0.20	-0.20	2.4158	2.5692	2.6705
11175	11896	13496	4.142	4.207	4.310	-0.11	-0.09	0.12	2.2320	2.4038	2.8848
12812	13106	13742	4.082	4.199	4.296	-0.30	0.01	0.30	3.1367	3.3579	3.9641
8860	9904	11331	3.801	3.847	3.984	-0.40	-0.10	0.21	3.1033	3.5161	3.5908
7842.92	10521.9	11027.43	3.936	4.140	4.207	-0.22	-0.05	0.30	2.0110	2.1064	2.4211
4849.73	5301.27	10869.57	2.912	2.966	3.550	-0.29	0.00	0.18	2.3877	2.6554	2.7308

11854	13409	14219	4.045	4.196	4.219	-0.22	-0.10	0.20	0.5104	0.5172	0.5181
6564	6569	7320	3.590	3.591	3.638	-0.22	0.08	0.08	0.3507	0.3530	0.3532
6369	6382	6780	3.698	3.709	3.750	-0.33	-0.13	-0.12	0.4329	0.4385	0.4407
7437	9061	9178	3.582	3.729	3.746	-0.11	0.00	0.10	0.4419	0.4473	0.4503
7630	10086	12015	3.980	4.141	4.298	-0.31	-0.10	0.20	0.8314	0.8434	0.8790
8734	10088	12023	4.090	4.214	4.332	-0.32	-0.10	0.19	2.0016	2.0595	2.2686
12282	12819	12910	4.049	4.157	4.162	0.10	0.21	0.28	2.4842	2.5460	2.6225
10046	10636	12929	3.742	4.020	4.150	-0.26	0.10	0.21	2.8327	3.0125	3.0517
9243	10738	11164	3.946	4.000	4.102	-0.41	-0.21	0.29	1.4283	1.4632	1.5464
10621	11781	12807	4.030	4.141	4.214	-0.32	-0.19	0.21	0.9792	1.0046	1.0309
8756	9153	9989	4.171	4.204	4.278	-0.32	-0.11	0.09	0.3955	0.3976	0.4019
11035	11896	13277	3.667	3.703	3.793	-0.09	-0.09	-0.09	1.2574	1.2719	1.2736

dist84	dist95	AV05	AV16	AV50	AV84	AV95	fidelity	XGal	YGal	ZGal
2.0998	2.1623	1.1571	1.1872	1.5620	1.6024	1.7451	1.0000	-7.4079	-1.8746	-0.0856
1.5407	1.5717	0.9978	1.0071	1.3880	1.5578	1.6401	1.0000	-8.7681	1.3538	0.0103
2.1818	2.2420	0.8326	1.1503	1.6704	1.8797	1.9596	1.0000	-7.3928	-1.9108	-0.0871
0.9551	1.0155	0.6555	0.6715	0.7712	1.0366	1.1352	1.0000	-7.3048	-0.3129	-0.0317
0.4615	0.4616	0.2319	0.4226	0.7487	0.9126	0.9172	1.0000	-7.7404	-0.0264	-0.0057
1.0755	1.1238	0.3422	0.3691	0.3744	0.5628	0.6039	1.0000	-7.3556	-0.5329	-0.0945
1.4277	1.4975	0.8187	1.2446	1.5394	1.7497	1.8230	1.0000	-6.8956	-0.3232	0.0304
0.6816	0.6907	0.3824	0.8946	1.3297	1.5129	1.6680	1.0000	-7.5524	0.1583	-0.0513
2.2212	2.3353	0.4485	1.2559	1.6350	1.7774	1.8248	1.0000	-7.3718	-1.9597	-0.0897
11.6160	14.0054	0.5102	0.7381	2.5463	3.1622	3.2016	0.9976	-7.1512	-5.9953	0.0295
1.8612	1.9635	0.5808	0.7827	1.1084	1.1259	1.1315	1.0000	-6.5657	0.8444	-0.0896
0.9128	0.9153	0.3964	0.4589	0.5547	0.6401	0.7009	1.0000	-9.0518	0.2135	0.0037
0.8316	0.8424	0.2432	0.3512	0.4915	0.6851	0.7273	1.0000	-8.4824	0.7636	-0.0742
1.0796	1.1330	0.1926	0.3639	0.5123	0.6444	0.6745	1.0000	-9.2083	0.0352	0.2001
0.3306	0.3324	-0.0398	0.0481	0.1328	0.2638	0.2991	1.0000	-8.5132	-0.0331	0.0710
1.6396	1.6681	0.4974	0.9581	1.0238	1.3315	1.6513	1.0000	-9.7498	0.2000	0.0073
0.4070	0.4126	0.3537	0.4550	0.7466	0.9163	0.9762	1.0000	-8.5585	0.1147	-0.1338
0.8891	0.8958	0.2430	0.6473	0.8528	0.9818	0.9954	1.0000	-7.9904	0.8537	0.0127
0.9876	1.0191	0.4625	0.5474	0.7569	0.8053	0.8750	1.0000	-9.1519	-0.1529	-0.0048
0.9047	0.9215	0.8996	0.9776	1.0777	1.1271	1.1409	1.0000	-9.0703	-0.0774	0.0649
0.6515	0.6541	0.3799	0.4569	0.5056	0.5569	0.5925	1.0000	-8.1868	0.6280	-0.0884
1.2336	1.2652	0.7795	0.8079	0.9410	1.0011	1.0571	1.0000	-9.2252	0.5438	0.0086
2.2167	2.2253	1.4376	1.4704	1.7289	1.8299	1.8450	1.0000	-10.0683	-0.4030	0.0255
1.0497	1.1022	0.3884	0.6608	0.9242	1.1087	1.1396	1.0000	-9.0923	0.4731	0.0048
2.9131	2.9897	0.4135	0.4315	0.9421	1.3774	1.4403	1.0000	-10.7946	0.5337	0.0573
2.3108	2.4137	1.3093	1.5835	1.7265	1.8197	1.8491	1.0000	-8.3753	2.1413	-0.0978
1.4810	1.6458	0.9111	1.0010	1.6757	1.8174	1.9012	1.0000	-6.7997	-0.4133	0.0285
1.7548	1.7605	0.9106	0.9195	1.0392	1.1682	1.2688	1.0000	-6.6852	-0.4505	0.0340
1.4687	1.5024	0.7826	0.7874	1.3830	2.4619	2.6527	1.0000	-8.4588	-1.4102	-0.0749
3.1737	3.4202	2.1116	2.1891	2.7726	2.9020	2.9506	1.0000	-8.5940	3.0404	0.0227
0.5837	0.5907	0.2810	0.5480	0.7299	0.9052	1.0225	1.0000	-7.6478	0.1365	-0.0584
0.4395	0.4480	-0.0158	0.0379	0.2036	0.2652	0.3543	1.0000	-8.1543	-0.4297	-0.0405
0.3451	0.3471	-0.0197	0.0191	0.1473	0.2450	0.3281	1.0000	-8.3729	0.2675	-0.1266
0.1180	0.1185	-0.0697	-0.0554	0.0234	0.1001	0.2064	1.0000	-8.1645	-0.0973	0.0555
2.0046	2.1040	0.9178	0.9375	1.3121	1.5548	1.5866	1.0000	-8.9560	-1.7534	-0.0265
0.7348	0.7361	0.2374	0.2443	0.4649	0.5744	0.6372	1.0000	-7.7126	-0.4748	0.1528
0.1809	0.1811	-0.0631	0.0962	0.2440	0.3764	0.4856	1.0000	-8.3387	-0.0695	-0.0869
1.5797	1.6102	0.5103	0.6854	0.8694	0.9661	1.0060	1.0000	-7.2270	-1.1945	-0.0189
0.3005	0.3005	-0.0902	-0.0854	-0.0706	-0.0562	0.1476	1.0000	-8.2130	0.2997	-0.0131
0.3892	0.3964	-0.0044	0.0292	0.0592	0.1657	0.2744	1.0000	-8.5155	-0.2121	-0.0470
0.3421	0.3445	0.0259	0.1314	0.1905	0.2653	0.3441	1.0000	-8.2473	-0.3325	-0.0472
0.1773	0.1804	-0.0770	0.0379	0.0736	0.1751	0.2620	1.0000	-8.3445	0.0842	-0.0188
0.5182	0.5292	-0.0124	0.0257	0.1519	0.2844	0.3477	1.0000	-8.5418	-0.3738	0.0224
0.4183	0.4204	0.0333	0.0673	0.2109	0.3581	0.4635	1.0000	-8.2411	-0.4038	0.0781
0.5862	0.5947	0.6481	0.7426	0.8751	0.9482	0.9728	1.0000	-7.6621	-0.1966	-0.0417
0.1821	0.1831	-0.1176	-0.0171	0.0845	0.1667	0.2682	1.0000	-8.1788	-0.1731	0.0418
0.1643	0.1659	-0.0062	0.0067	0.1032	0.2135	0.2329	1.0000	-8.2148	-0.1540	-0.0516

0.1790	0.1799	0.0431	0.1811	0.1822	0.3009	0.4241	1.0000	-8.3489	0.0940	-0.0230
0.2992	0.3057	-0.0207	-0.0157	-0.0097	0.0879	0.1535	1.0000	-8.2129	0.2966	-0.0110
6.0343	6.5125	0.3581	0.4254	0.8855	1.0498	1.2135	0.9990	-12.5604	-1.4800	-0.5256
1.8855	1.9172	2.4824	2.5741	2.6568	2.6892	2.7498	1.0000	-10.0347	0.0857	-0.0484
3.6332	4.6434	0.8207	1.4169	1.6039	1.8532	1.9245	1.0000	-11.3740	-0.9320	-0.0218
1.5912	1.6523	0.8665	1.1299	1.2411	1.5248	1.6654	1.0000	-9.6868	0.2700	-0.0496
0.4702	0.4721	0.5223	0.6569	0.8146	0.9124	0.9801	1.0000	-8.2652	0.4425	0.1204
0.8744	0.8940	0.4367	0.4952	0.6736	0.8209	0.8811	1.0000	-7.3619	-0.1115	-0.0121
1.0770	1.0793	0.8678	1.0360	1.3173	1.3865	1.4371	1.0000	-7.1639	0.0866	0.0142
0.6467	0.6652	0.2432	0.3074	0.3348	0.4216	0.5414	1.0000	-8.1033	-0.6324	-0.0158
0.3083	0.3141	0.4262	0.5752	0.9470	0.9728	1.0747	1.0000	-7.9196	0.0917	-0.0140
0.2392	0.2398	-0.0432	0.0284	0.1704	0.3120	0.3501	1.0000	-8.0698	0.1956	-0.0329
0.3632	0.3672	0.1118	0.1166	0.2533	0.4300	0.6089	1.0000	-8.3086	-0.3435	-0.0435
0.3006	0.3030	-0.0096	0.0085	0.0490	0.2006	0.2678	1.0000	-8.2137	0.2982	-0.0108
0.4036	0.4062	0.1897	0.2442	0.4785	0.6849	0.7541	1.0000	-8.0043	0.3447	0.0145
0.5185	0.5211	0.1057	0.2474	0.3710	0.4854	0.4976	1.0000	-8.5364	-0.3783	0.0188
0.4012	0.4117	0.1504	0.3662	0.5478	0.7135	0.8307	1.0000	-7.8843	0.2285	0.0573
0.6750	0.6978	-0.0191	0.1423	0.1965	0.3059	0.3730	1.0000	-8.7765	-0.2876	-0.0265
0.8936	0.9052	0.2166	0.3157	0.4281	0.5247	0.5807	1.0000	-7.4103	0.2533	-0.1825
0.5597	0.5635	-0.0098	0.0443	0.1720	0.2798	0.3938	1.0000	-8.0592	-0.4848	-0.1296
0.2884	0.2893	0.4785	0.5152	0.6901	0.8420	0.9317	1.0000	-7.9352	0.0862	-0.0154
0.6175	0.6242	0.1214	0.1877	0.4008	0.4670	0.4923	1.0000	-8.0778	-0.5500	-0.0143
0.1752	0.1764	0.1331	0.1854	0.2916	0.4234	0.5095	1.0000	-8.0334	-0.0491	0.0157
0.4254	0.4285	0.4151	0.5178	0.6056	0.6170	0.6229	1.0000	-8.5857	-0.1049	-0.1232
0.6878	0.7019	0.0449	0.1116	0.2266	0.2665	0.3128	1.0000	-8.4770	-0.5762	-0.2220
0.5147	0.5176	0.0082	0.0973	0.3138	0.3361	0.3455	1.0000	-8.1803	-0.5121	0.0040
0.5275	0.5427	-0.0378	0.0832	0.3180	0.3670	0.4309	1.0000	-8.2917	0.5020	-0.0601
0.4710	0.4798	0.0629	0.1276	0.2514	0.3047	0.3849	1.0000	-8.4353	0.3731	-0.0955
1.3595	1.3742	0.4664	0.5377	0.6759	0.8066	0.8915	1.0000	-9.3998	-0.5256	0.0030
0.3282	0.3321	-0.0328	0.0215	0.1445	0.2141	0.2692	1.0000	-8.2557	-0.3140	-0.0511
0.3152	0.3194	0.0342	0.0483	0.1419	0.2185	0.2764	1.0000	-8.0990	0.2852	0.0685
0.6881	0.6989	0.1077	0.1285	0.4435	0.4871	0.5220	1.0000	-7.5441	-0.1203	-0.1108
0.4328	0.4380	0.1908	0.2946	0.4454	0.5308	0.5764	1.0000	-8.3543	0.3924	-0.0635
0.2848	0.2895	-0.0680	0.1311	0.2617	0.3379	0.3531	1.0000	-8.0265	-0.2100	-0.0775
0.4798	0.4880	0.1511	0.3325	0.4404	0.5537	0.6171	1.0000	-8.5976	-0.2309	-0.0795
0.4944	0.4950	0.1756	0.1879	0.2611	0.2830	0.2924	1.0000	-8.1440	-0.4843	0.0061
0.2972	0.2994	-0.0547	-0.0454	0.0612	0.1696	0.2234	1.0000	-8.0395	0.1171	-0.2099
0.3789	0.3822	0.6548	0.8727	1.0173	1.0978	1.1695	1.0000	-7.8748	-0.1235	0.1415
0.6340	0.6399	0.0535	0.1330	0.2493	0.3183	0.3685	1.0000	-8.6522	-0.4063	-0.1058
0.5985	0.6019	0.9167	1.0285	1.0747	1.2395	1.2850	1.0000	-7.8131	0.4344	0.0162
0.7332	0.7571	0.4741	0.6022	0.6373	0.7986	0.8344	1.0000	-7.5171	0.1766	-0.1164
0.9802	0.9927	0.4053	0.4458	0.4977	0.5404	0.6031	1.0000	-9.1176	-0.2566	-0.0490
0.6020	0.6123	0.0118	0.1250	0.1630	0.2961	0.3264	1.0000	-8.5881	-0.4359	-0.0470
0.4062	0.4086	0.2246	0.2996	0.4031	0.4912	0.5676	1.0000	-8.1717	-0.3840	-0.1125
0.3430	0.3459	-0.1496	-0.0731	0.0278	0.1663	0.2148	1.0000	-8.0519	0.1897	-0.2367
0.7086	0.7215	0.3422	0.5221	0.7112	0.8302	0.8502	1.0000	-8.9033	0.0400	0.0437
0.1626	0.1632	0.0844	0.1373	0.2720	0.2847	0.3405	1.0000	-8.1358	0.1484	-0.0132
0.3275	0.3324	1.6236	1.7102	1.7809	1.8450	1.8483	1.0000	-8.4906	0.1012	-0.0985
0.9468	0.9489	0.5803	0.5992	0.6463	0.8526	0.9469	1.0000	-9.1162	0.0551	-0.0439
0.1430	0.1435	-0.0952	-0.0545	0.0233	0.1466	0.3467	1.0000	-8.3124	-0.0660	-0.0560

0.3137	0.3187	-0.0506	0.0286	0.1593	0.3447	0.4817	1.0000	-8.3638	-0.2232	-0.1161
0.1435	0.1437	0.0202	0.0293	0.1234	0.2567	0.2696	1.0000	-8.2261	0.1189	-0.0739
0.4001	0.4027	-0.0296	0.0387	0.2190	0.3693	0.4534	1.0000	-8.2293	-0.3393	0.1950
0.5695	0.5793	0.1140	0.2855	0.4851	0.6408	0.6762	1.0000	-8.2410	-0.5382	-0.1276
0.3035	0.3064	-0.0658	-0.0560	0.1129	0.2170	0.3276	1.0000	-8.2127	0.3001	-0.0115
0.2842	0.2857	0.0547	0.0993	0.2816	0.4324	0.4562	1.0000	-7.9225	-0.0197	-0.0219
0.1568	0.1570	-0.0299	0.0087	0.0663	0.1650	0.2312	1.0000	-8.1971	0.1550	0.0046
4.9094	5.2353	0.9876	1.1855	1.3796	1.4652	1.4973	1.0000	-12.1090	1.0726	-0.0410
0.5110	0.5153	0.1096	0.1777	0.3301	0.4800	0.5498	1.0000	-8.6740	0.0423	0.1445
0.2350	0.2371	-0.1044	-0.0914	0.0169	0.1309	0.2176	1.0000	-8.1592	0.0121	-0.2284
0.4827	0.4895	0.1337	0.1851	0.4143	0.4927	0.5848	1.0000	-8.4975	-0.3685	0.0266
0.4117	0.4137	1.0608	1.1672	1.2274	1.3834	1.4336	1.0000	-8.5749	-0.0513	-0.1444
0.2333	0.2342	-0.0131	0.0253	0.4901	0.6662	0.7230	1.0000	-8.4216	0.0327	0.0444
0.5171	0.5289	0.0698	0.2304	0.3186	0.4639	0.5951	1.0000	-8.6910	0.1106	0.0436
0.2027	0.2033	-0.0430	-0.0170	0.1181	0.3390	0.3947	1.0000	-8.3616	-0.0570	0.1049
0.4143	0.4152	0.0933	0.2623	0.3592	0.5294	0.6908	1.0000	-8.1759	-0.3895	-0.1129
0.3344	0.3363	0.1546	0.1619	0.2193	0.5506	0.5661	1.0000	-8.2641	-0.3277	-0.0123
0.4814	0.4865	-0.0546	-0.0474	0.0645	0.1755	0.2322	1.0000	-8.5621	-0.2781	0.0762
0.4069	0.4110	0.6962	0.9900	1.2032	1.3634	1.4221	1.0000	-8.5702	-0.0507	-0.1442
0.4079	0.4093	0.0921	0.1837	0.1969	0.5033	0.7880	1.0000	-7.8653	-0.1579	-0.1581
0.5605	0.5629	-0.0451	0.0975	0.1524	0.3394	0.4015	1.0000	-8.5195	-0.4406	-0.0285
2.3212	2.3856	0.9110	0.9302	1.5192	1.6220	1.6923	1.0000	-7.3031	-1.9824	0.2364
1.3562	1.4012	0.6772	0.9474	0.9665	1.0104	1.2137	1.0000	-8.5839	-1.2910	-0.1372
0.3225	0.3244	-0.0043	0.1809	0.3389	0.4749	0.5659	1.0000	-8.1460	-0.3102	0.0534
0.6795	0.6883	0.2230	0.2506	0.3155	0.4161	0.4668	1.0000	-8.4165	-0.6203	-0.0104
1.2210	1.3043	0.1083	0.1083	0.1305	0.5229	0.5393	1.0000	-8.5248	-1.1687	-0.0428
1.0368	1.0520	0.1945	0.3249	0.3460	0.4841	0.4964	1.0000	-7.9717	-0.9754	-0.0663
0.2507	0.2556	-0.1263	-0.0589	0.0311	0.1041	0.1446	1.0000	-8.1832	0.2430	0.0497
1.7379	1.8244	0.7779	0.9595	0.9954	1.0664	1.1215	1.0000	-9.7768	-0.3606	0.0449
0.6848	0.6997	-0.1018	0.0676	0.0790	0.2026	0.3173	1.0000	-7.9417	0.6311	0.0288
0.4669	0.4672	1.5090	1.5399	1.5914	1.6293	1.6800	1.0000	-8.3787	0.4269	-0.0132
1.1474	1.2080	0.2783	0.4691	0.6208	0.7017	0.7379	1.0000	-9.2576	-0.1852	-0.0511
0.9746	0.9899	-0.1677	-0.0019	0.0735	0.1472	0.1757	1.0000	-9.0516	-0.2095	0.1868
0.5423	0.5494	0.2744	0.2745	0.3291	0.5807	0.6356	1.0000	-7.9552	0.4815	-0.0060
0.8562	0.8777	0.4911	0.6035	0.6788	0.7715	0.8223	1.0000	-8.3267	0.8196	-0.0820
0.9116	0.9304	0.6362	0.6856	0.7443	0.8968	0.9405	1.0000	-9.0405	-0.0992	0.0334
1.9382	1.9896	0.5356	0.6626	1.0814	1.3383	1.5109	1.0000	-8.9450	-1.7291	-0.0254
1.6014	1.6083	1.5027	1.7442	1.9693	2.1799	2.2467	1.0000	-6.7832	-0.4978	0.0563
1.0288	1.0500	1.0419	1.8813	1.9464	1.9637	2.0223	1.0000	-9.0194	0.6017	0.1355
2.9856	3.1131	0.9722	1.0347	1.4857	2.7447	3.4819	1.0000	-6.0927	1.7125	-0.0798
0.6671	0.6741	0.0821	1.2592	1.5054	1.5279	1.6492	1.0000	-7.5711	0.1532	-0.0501

1.1194	1.1671	0.5460	0.6231	0.8185	0.9124	0.9616	1.0000	-9.2057	0.3005	0.0508
3.8775	4.2712	0.6061	0.6712	0.7393	0.8289	0.8862	1.0000	-11.4192	-1.2833	0.3046
0.8097	0.8167	0.4302	0.5050	0.5718	0.6666	0.7337	1.0000	-8.9797	0.1330	0.0347
1.0159	1.0195	0.6900	0.7592	0.9459	1.0137	1.0766	1.0000	-7.9971	0.9615	0.0476
0.1869	0.1886	0.0574	0.1184	0.2059	0.2953	0.3491	1.0000	-8.2109	-0.1840	0.0106
1.6992	1.7355	0.0684	0.2402	1.1332	1.2240	1.3506	1.0000	-6.6620	-0.4571	0.0338
0.4129	0.4166	0.0347	0.0893	0.2132	0.3446	0.4070	1.0000	-7.9175	-0.2880	-0.0450
0.5294	0.5352	0.6039	0.8665	0.9426	1.0512	1.0777	1.0000	-8.5920	0.3388	0.0180
0.8373	0.8694	0.2649	0.3920	0.5567	0.6856	0.7252	1.0000	-7.4242	-0.2892	-0.0040
0.6136	0.6202	0.3958	0.4407	0.5851	0.7697	0.8627	1.0000	-8.2422	-0.5967	-0.0901
0.7004	0.7198	0.2669	0.3112	0.3903	0.5247	0.5517	1.0000	-7.6112	-0.3391	-0.0448
0.7963	0.8193	0.3948	0.4687	0.5499	0.6404	0.7011	1.0000	-7.5705	-0.4523	-0.0788
0.6325	0.6674	0.1034	0.1228	0.1836	0.2512	0.3422	1.0000	-8.7627	-0.2232	0.0005
0.8882	0.9041	0.7111	0.8749	1.0110	1.0964	1.1506	1.0000	-9.0432	-0.1757	0.0335
1.5783	1.7527	0.4574	0.6661	0.8746	1.1686	1.2615	1.0000	-9.6854	-0.0677	0.0383
0.1874	0.1917	0.1997	0.3310	0.3600	0.4173	0.5137	1.0000	-8.3066	0.1494	-0.0034
0.6838	0.7013	-0.0133	0.0630	0.1525	0.2384	0.2767	1.0000	-8.4730	-0.5622	-0.1029
0.3193	0.3210	0.1691	0.2812	0.3163	0.4023	0.4460	1.0000	-8.3025	0.2968	0.0012
0.3149	0.3259	-0.1026	-0.0438	-0.0288	0.0772	0.1422	1.0000	-8.2492	-0.0808	0.2888
4.3273	5.2196	0.5436	0.6426	0.8570	0.9727	1.0241	0.9995	-12.0699	-0.8986	0.2747
1.2062	1.2334	0.5029	0.7504	1.1043	1.2924	1.3329	1.0000	-9.3436	0.2640	-0.0534
0.7639	0.7928	0.1719	0.1788	0.4129	0.5377	0.6008	1.0000	-8.9352	-0.0458	0.0901
0.7862	0.8099	-0.0481	-0.0173	0.0413	0.1478	0.2308	1.0000	-8.8529	-0.3945	0.0636
1.8746	2.0111	-0.0034	0.0339	0.1872	0.2595	0.3749	1.0000	-9.5947	-0.9611	0.1523
0.9975	1.0299	0.3038	0.3713	0.5638	0.7193	0.7641	1.0000	-7.9898	-0.8937	-0.0626
0.8610	0.8828	0.4103	0.5687	0.6839	0.7569	0.8234	1.0000	-8.9821	-0.0914	0.0343
0.4026	0.4047	0.0412	0.2629	0.3623	0.4989	0.5542	1.0000	-8.1747	-0.3814	-0.1098
1.2267	1.2346	0.2337	0.2942	0.3597	0.4189	0.4690	1.0000	-8.4375	-1.1153	-0.1517
0.3797	0.3820	0.0232	0.0821	0.2725	0.4871	0.5826	1.0000	-8.0509	-0.3163	-0.1309
0.1975	0.1984	-0.0885	-0.0367	0.0334	0.0946	0.1433	1.0000	-8.2316	0.1738	0.0811
0.3536	0.3539	0.1684	0.1722	0.1910	0.2022	0.2971	1.0000	-8.2033	-0.3473	-0.0379
0.9539	1.1791	0.3486	0.3550	0.3771	0.4774	0.5683	0.9580	-8.8568	-0.5737	-0.0005
1.1793	1.2242	0.4789	0.5120	0.5379	0.6351	0.7202	1.0000	-9.3453	0.1097	0.0203
0.5267	0.5296	0.1786	0.2422	0.2880	0.3642	0.3963	1.0000	-8.0540	-0.4912	0.0268
0.1520	0.1530	-0.0576	-0.0129	0.0932	0.2000	0.2503	1.0000	-8.1499	-0.1418	-0.0150
0.5733	0.5813	-0.0980	-0.0879	0.1685	0.3213	0.3961	1.0000	-7.7696	-0.3591	-0.0717
0.3884	0.3921	0.2437	0.3086	0.4101	0.4789	0.5443	1.0000	-8.0798	-0.3666	-0.0120
0.5662	0.5744	0.0360	0.2039	0.2848	0.3589	0.4267	1.0000	-8.1288	0.5364	-0.0640
0.4757	0.4817	-0.0216	0.4420	0.6379	0.7530	0.8077	1.0000	-7.7473	-0.0975	0.0177
0.3921	0.3962	-0.0131	-0.0131	0.1004	0.1767	0.2287	1.0000	-8.2399	-0.3835	-0.0430
0.4455	0.4704	0.0411	0.0779	0.1566	0.2453	0.2797	1.0000	-8.4466	-0.2854	-0.1860
0.7778	0.8225	0.0234	0.1303	0.2157	0.3154	0.3533	1.0000	-7.7299	-0.4880	0.2937
0.4429	0.4488	-0.0659	0.0845	0.2794	0.3546	0.4295	1.0000	-8.3580	0.4012	-0.0649
0.5252	0.5488	0.1780	0.1859	0.5707	0.6423	0.8048	1.0000	-7.9378	-0.4301	0.0108
0.8819	0.9247	0.0369	0.0398	0.0488	0.3223	0.3930	1.0000	-8.9406	-0.4728	0.0044

0.8070	0.8173	0.1421	0.1469	0.3720	0.4239	0.5120	1.0000	-7.5536	-0.4580	0.0617
0.4702	0.4721	0.5223	0.6569	0.8146	0.9124	0.9801	1.0000	-8.2652	0.4425	0.1204
0.5173	0.5627	-0.0581	-0.0534	0.1246	0.3060	0.3644	1.0000	-8.4790	0.3339	-0.1456
0.9076	0.9218	0.2156	0.2571	0.3307	0.3989	0.4511	1.0000	-7.6884	-0.6431	0.1848
0.5051	0.5376	0.0330	0.0969	0.2185	0.3358	0.3894	1.0000	-8.1309	0.4638	0.0162
0.5025	0.5051	0.3287	0.4181	0.6178	0.8718	0.9616	1.0000	-7.7632	-0.2384	0.0179
0.5838	0.5838	0.0041	0.0462	0.0511	0.2590	0.2621	1.0000	-7.6308	0.1245	-0.0014
0.3351	0.3405	0.0400	0.3107	0.3538	0.4229	0.4987	1.0000	-8.3339	0.2884	0.0845
0.2832	0.2852	-0.0236	0.0269	0.0799	0.1687	0.2053	1.0000	-8.1588	-0.2748	0.0298
0.3189	0.3197	0.0673	0.1067	0.1159	0.1890	0.2494	1.0000	-8.4540	-0.1756	-0.0401
0.5672	0.5929	0.5007	0.5872	0.7215	0.8713	0.9440	1.0000	-7.6593	0.1054	0.0007
0.2834	0.2839	-0.0718	0.0810	0.2884	0.3490	0.3570	1.0000	-7.9244	-0.0195	-0.0208
0.1310	0.1312	0.0469	0.1032	0.2660	0.3123	0.3941	1.0000	-8.0788	-0.0096	0.0464
0.6826	0.7087	0.3990	0.4424	0.5406	0.6972	0.7368	1.0000	-8.8614	-0.0089	-0.0011
0.8023	0.8135	0.5535	0.7020	0.7197	1.0618	1.1275	1.0000	-8.9739	0.0528	-0.0526
0.4251	0.4294	0.0079	0.0464	0.2505	0.3503	0.4317	1.0000	-8.1747	-0.3927	-0.1113
0.7132	0.7200	0.1046	0.1389	0.1977	0.4939	0.7011	1.0000	-8.8741	0.0607	0.0435
0.3935	0.3976	0.2722	0.3896	0.6028	0.6871	0.7189	1.0000	-8.5541	0.1272	-0.1007
0.1357	0.1365	0.2754	0.3324	0.3859	0.4342	0.4979	1.0000	-8.3209	0.0272	-0.0533
0.7218	0.7426	0.2966	0.3113	0.4509	0.5067	0.5913	1.0000	-7.7146	-0.4725	0.1518
0.7340	0.7525	0.2642	0.4450	0.5556	0.6875	0.8318	1.0000	-8.9135	0.0457	0.0463
0.8989	0.9243	0.5016	0.5795	0.6828	0.7588	0.8426	1.0000	-9.0661	-0.0266	-0.0078
0.9437	0.9564	0.2196	0.4839	0.6466	0.7761	0.8283	1.0000	-9.0920	-0.0338	-0.0041
1.7474	1.8551	0.7757	0.7769	0.8390	1.1431	1.1699	0.7173	-9.8286	0.1813	-0.0093
0.4738	0.4772	0.1867	0.2243	0.3255	0.4170	0.4967	1.0000	-8.4936	-0.3618	0.0252
0.4685	0.4772	-0.1049	0.0245	0.0679	0.1764	0.2621	1.0000	-8.2974	-0.4160	-0.1781
0.5428	0.5542	0.1465	0.3769	0.5242	0.6136	0.6272	1.0000	-8.6928	0.0429	0.1498
1.1328	1.1618	0.4829	0.6309	0.9055	1.0426	1.1243	1.0000	-9.0934	-0.6722	-0.0941
2.9522	3.1589	2.1205	2.1251	2.2281	2.2977	2.3065	1.0000	-10.5839	1.3641	0.0403
2.2099	2.2563	2.2772	2.4402	2.6637	2.7385	2.8319	1.0000	-9.9913	1.0953	-0.0426
0.9121	0.9230	0.7550	0.9674	1.2802	1.5436	1.6110	1.0000	-9.0009	0.3588	0.1081
2.4259	2.4948	0.8557	0.8609	1.5434	1.6507	1.7366	1.0000	-10.2850	-1.0930	-0.2523
5.6934	6.3647	1.0549	1.1859	1.2775	1.3745	1.4173	0.9717	-12.8141	-1.2689	0.2318
2.9040	3.0634	1.5043	1.6139	1.6581	1.6720	1.6998	1.0000	-11.0202	0.5801	0.0647
1.8396	1.9613	0.3984	0.5073	0.5920	0.6905	0.7610	1.0000	-9.9331	-0.3042	-0.1562
2.4386	2.5730	0.4745	0.5965	0.7044	0.8339	0.8461	1.0000	-8.6775	2.2669	-0.1871
1.5888	1.7026	0.4666	0.6565	0.8403	1.1547	1.2492	1.0000	-9.7027	-0.3401	0.0421
3.3156	3.4101	1.5751	1.5787	1.7485	1.8390	2.0675	1.0000	-10.8111	-0.3705	0.0068
0.7624	0.7928	-0.1285	-0.0148	0.1256	0.2316	0.3257	1.0000	-8.9121	-0.1852	0.1080
0.3016	0.3038	1.0832	1.3382	1.4584	1.5132	1.6011	1.0000	-8.4677	0.1278	0.0254
1.6877	1.7725	0.7202	0.8007	1.2770	1.4101	1.5062	1.0000	-9.7898	-0.2677	0.0967
1.4002	1.4371	1.0172	1.4052	1.4640	1.5431	1.5903	1.0000	-9.4454	-0.6003	0.0594
1.1160	1.1566	0.2109	0.4332	0.4874	0.6952	0.8067	1.0000	-9.2465	-0.0655	-0.0122
2.1653	2.2288	0.1880	0.3025	0.4210	0.5683	0.7022	1.0000	-8.4286	2.0674	-0.2117
1.1084	1.1108	0.8176	0.9628	1.1454	1.2100	1.3129	1.0000	-9.0996	0.4699	0.0043
0.8415	0.8693	0.1848	0.2000	0.4407	0.5937	0.6419	1.0000	-7.9899	0.7787	-0.1490
0.8239	0.8304	0.7252	1.2301	1.2757	1.4062	1.4258	1.0000	-8.8538	-0.4341	-0.1729

0.5756	0.5877	0.4172	0.6136	0.8039	1.1091	1.1245	1.0000	-8.6655	-0.2684	-0.1094
2.7829	2.8340	1.6391	1.7301	1.7543	1.8006	1.8472	1.0000	-9.8416	2.1530	0.0047
0.5787	0.5959	-0.1233	-0.0971	0.0896	0.2528	0.3089	1.0000	-8.7492	-0.1270	-0.0076
2.0633	2.1327	0.1072	0.3695	0.6826	0.7593	0.8278	1.0000	-9.9921	-0.7722	-0.2442
2.3877	2.4785	0.3531	0.5323	0.8091	0.9789	1.0029	1.0000	-10.2736	-0.8947	-0.2973
1.2860	1.3606	0.7097	0.8394	1.2858	1.4226	1.5009	1.0000	-9.4085	0.0347	-0.2708
1.0072	1.0212	0.7757	0.8121	1.2202	1.3646	1.4965	1.0000	-9.0524	0.4513	0.0025
1.7493	1.8061	0.7485	0.7704	1.2965	1.4164	1.5062	1.0000	-7.7052	1.6081	0.0376
0.8879	0.9001	0.3131	0.5148	0.7397	0.8155	0.9170	1.0000	-8.1421	0.8478	-0.1759
2.5374	2.5613	0.9843	1.0032	1.3637	1.6325	1.7237	1.0000	-10.6340	0.2928	-0.0468
2.0550	2.1183	0.3423	0.3423	0.7265	1.1324	1.1640	1.0000	-9.8682	-1.1634	-0.1518
4.8652	4.9947	1.3866	1.4126	1.4651	1.5457	1.5708	1.0000	-12.0299	-1.0891	0.3121
3.0464	3.4010	0.8227	1.0500	1.1665	1.2680	1.3075	1.0000	-10.9393	0.8520	-0.1292
2.2675	2.3138	0.3661	0.4710	0.6435	0.8200	0.9003	1.0000	-8.3766	2.1479	-0.2630
3.2654	3.2813	1.4149	1.4622	1.6230	2.5945	2.6452	1.0000	-7.2873	3.0811	0.0518
2.7713	2.8843	1.1247	1.9211	2.0736	2.1737	2.2178	1.0000	-10.6010	0.9679	-0.1588
3.6249	3.6611	1.1175	1.2900	1.3370	1.3749	1.4187	1.0000	-11.3961	0.9963	-0.1579
3.2175	3.3327	1.2216	1.3051	1.3833	1.6268	1.6559	1.0000	-6.9517	2.7679	0.0583
1.2891	1.3128	0.9328	1.1207	1.4643	1.6196	1.7263	1.0000	-9.4501	-0.0211	-0.0338
1.0292	1.0650	0.5534	0.6671	0.7891	0.8572	0.9315	1.0000	-9.1484	0.2905	-0.0355
2.8318	2.9153	1.4021	1.5112	1.5695	1.6121	1.6577	1.0000	-8.8894	2.4950	-0.0322
2.5023	2.5575	1.2280	1.3290	1.5183	1.7442	1.8437	1.0000	-9.8108	1.6276	-0.1490
2.8144	2.9527	1.4429	2.0173	2.1865	2.2864	2.3154	1.0000	-8.9962	2.4811	-0.0451
2.6995	2.9078	1.5147	1.5560	1.5880	1.6638	1.6857	1.0000	-9.8566	1.9943	0.0135
3.5003	3.5554	1.2456	1.8385	2.0593	2.0979	2.1510	1.0000	-9.9195	2.8937	-0.0582
1.9014	1.9816	1.2716	2.0033	2.0911	2.1155	2.1488	1.0000	-8.4196	1.8409	-0.0677
3.9230	4.0880	1.9051	2.1272	2.1550	2.3290	2.3402	1.0000	-10.4990	2.7876	-0.0991
3.3926	3.5274	2.0904	2.1431	2.3427	2.3883	2.4110	1.0000	-7.2328	2.7021	0.0859
2.9282	3.0316	2.5276	2.6202	3.1428	3.2864	3.2917	1.0000	-9.8285	2.2361	-0.0682
1.2530	1.2602	1.7653	1.8947	2.5071	2.6503	2.6749	1.0000	-9.0000	0.9156	-0.0225
2.7059	2.8891	0.5593	0.5650	0.5825	1.5335	1.5800	1.0000	-10.6993	0.9843	-0.1368
1.6098	1.6135	1.2852	1.5157	1.8357	1.8758	1.9724	1.0000	-8.9753	1.3287	-0.0877
2.4643	2.6894	1.5332	1.6604	2.7171	2.8564	2.9068	1.0000	-9.9866	1.1991	-0.1124
2.6418	2.6854	2.5041	2.9320	3.2515	3.3864	3.3959	1.0000	-6.1229	-1.1517	-0.0342
1.8614	1.9163	1.8736	2.1961	2.2088	2.6967	2.8695	1.0000	-7.8215	1.7951	0.1151
1.3197	1.3387	0.3622	0.3800	0.5937	0.8255	0.8667	1.0000	-9.4300	0.1118	0.1719
4.3963	5.8227	1.0248	1.8131	1.9406	2.0153	2.0418	0.9907	-11.4584	-2.0133	0.0308
1.4928	1.5366	0.4211	0.6485	0.7690	1.0372	1.2499	1.0000	-9.4421	-0.7120	-0.0105
1.4480	1.5047	0.1347	0.3062	0.5549	0.6456	0.7019	1.0000	-9.4167	-0.5913	-0.0093
4.3914	5.0763	0.3623	0.3749	0.3961	0.7296	0.7861	0.9985	-12.1563	-1.4142	0.2671
3.7957	4.2807	1.1211	1.1540	1.1942	2.4414	2.5510	0.9985	-10.7730	-0.7222	0.0030
3.8498	4.0979	0.8260	1.0582	1.2801	1.3501	1.3981	0.9976	-11.5853	-0.8618	0.1493
4.6983	5.1187	2.3380	2.6122	2.6623	2.7199	2.7967	1.0000	-6.6783	3.5968	0.0125
2.6864	3.3984	2.5847	2.5917	2.6494	2.6514	2.7183	1.0000	-7.4087	2.5506	0.0007
3.1094	3.1284	2.2831	2.9570	3.0491	3.0819	3.0820	1.0000	-10.8572	1.1230	-0.0128
4.2007	4.2475	2.1928	2.3061	2.3434	2.3870	2.4335	1.0000	-10.2111	3.4161	0.0035
4.0377	4.3989	1.4838	2.1122	2.2924	2.4588	2.5015	1.0000	-10.0224	3.0940	0.0045
2.5369	2.6714	2.1289	2.1456	2.6949	2.7373	2.7905	1.0000	-6.0834	-1.1750	-0.0361
3.6455	4.0326	0.5299	0.5299	1.0329	3.1658	3.3362	0.7856	-6.0817	1.7215	-0.0802

0.5219	0.5259	1.2976	1.4248	1.5588	1.6221	1.6364	1.0000	-7.6999	0.0969	-0.0945
0.3569	0.3603	0.0545	0.0578	0.0806	0.5016	0.5125	1.0000	-8.3018	0.3037	-0.1489
0.4454	0.4501	-0.0450	-0.0397	-0.0317	0.2036	0.2967	1.0000	-8.4960	0.2746	-0.1765
0.4642	0.4706	0.6984	0.8344	1.4007	1.4026	1.5294	1.0000	-7.8366	0.2626	0.0423
0.8971	0.9062	0.4607	0.5244	1.2438	1.4429	1.5140	1.0000	-9.0638	0.0109	-0.1625
2.3519	2.4368	1.0845	1.1356	1.4001	1.5884	1.6121	1.0000	-10.3844	-0.6081	-0.0713
2.9098	2.9697	2.1912	2.2134	2.2618	2.2677	2.2709	1.0000	-10.3877	1.4362	-0.1698
3.6489	4.7478	0.8548	1.7198	1.7581	1.9442	1.9738	0.9937	-11.1154	-0.8865	-0.1655
1.6288	1.6828	0.5392	0.5610	0.7782	0.8390	0.9451	1.0000	-9.7397	0.1405	-0.0305
1.0670	1.1202	-0.0309	0.0466	0.1597	0.2345	0.2474	1.0000	-8.6820	-0.9034	0.1196
0.4055	0.4088	0.0459	0.1160	0.2143	0.3731	0.4507	1.0000	-7.9869	-0.3398	-0.0246
1.2867	1.2917	0.9083	0.9238	0.9744	1.0359	1.1309	1.0000	-6.9683	-0.3193	0.0552

RGal	FlagPhoto	FlagOut	BP/RPCorr	AG50	ABP50	ARP50	GMAGO	BP-RP0
7.6414	GBPRP/riJHKs	0	0.006	1.406	1.686	0.961	0.688	-0.053
8.8720	GBPRPJHKsW1W2	10	0.004	1.260	1.505	0.857	0.367	-0.020
7.6357	GBPRPJHKs	10	0.014	1.482	1.789	1.024	1.592	0.022
7.3115	GBPRP/grizJHKsW1W2	0	0.005	0.693	0.831	0.475	1.320	0.076
7.7404	GBPRP/grizJHKsW1W2	0	-0.003	0.676	0.808	0.462	1.817	0.067
7.3749	GBPRP/zJHKsW1W2	0	0.005	0.348	0.410	0.233	-0.385	0.004
6.9031	GBPRPJHKs	10	0.002	1.376	1.655	0.946	0.829	0.000
7.5540	GBPRP/grizJHKsW1W2	10	0.005	1.181	1.424	0.816	1.745	0.100
7.6278	GBPRPJ	10	0.007	1.473	1.766	1.006	1.154	-0.050
9.3318	GBPRPJHKs	10	0.044	2.146	2.657	1.538	0.480	0.198
6.6197	GBPRP/giz	0	0.114	0.979	1.183	0.679	-0.285	0.135
9.0543	GBPRPJHKsW1W2	0	0.004	0.536	0.622	0.348	0.070	-0.122
8.5167	GBPRPJHKsW1W2	10	-0.008	0.462	0.542	0.306	1.310	-0.037
9.2084	GBPRPJHKsW1W2	0	-0.005	0.479	0.564	0.319	1.040	-0.026
8.5133	GBPRPJHKsW1W2	10	0.000	0.128	0.149	0.083	1.217	-0.062
9.7519	GBPRPJHKsW1W2	0	-0.001	0.906	1.094	0.628	1.012	0.227
8.5593	GBPRPJHKsW1W2	10	0.000	0.696	0.821	0.464	1.298	-0.011
8.0359	GBPRPJHKsW1W2	10	-0.001	0.816	0.952	0.534	0.221	-0.129
9.1532	GBPRPJHKsW1W2	10	0.003	0.745	0.858	0.477	-0.048	-0.163
9.0706	GBPRPJHKsW1W2	10	0.002	1.061	1.222	0.680	0.095	-0.142
8.2109	GBPRPJHKsW1W2	0	0.002	0.509	0.580	0.321	0.425	-0.182
9.2412	GBPRPJHKsW1W2	10	0.001	0.910	1.056	0.591	0.491	-0.153
10.0763	GBPRPJHKsW1W2	0	0.010	1.549	1.862	1.063	-0.340	-0.043
9.1046	GBPRPJHKs	10	0.002	0.859	1.014	0.574	0.818	-0.057
10.8078	GBPRPgzy/JHKsW1W2	10	-0.001	0.838	1.010	0.579	1.374	0.175
8.6447	GBPRPgzy/JHKs	10	0.006	1.576	1.879	1.066	1.316	-0.061
6.8123	GBPRP/grizJHKsW1W2	10	0.008	1.477	1.788	1.026	1.287	0.026
6.7004	GBPRP/zJHKs	10	0.005	0.977	1.148	0.647	-0.051	-0.100
8.5756	GBPRP/grizJHKs	10	0.025	1.154	1.433	0.835	1.472	0.517
9.1160	GBPRPgzy/JHKs	10	0.025	2.440	2.963	1.694	0.013	-0.050
7.6491	GBPRP/ijHKsW1W2	10	0.004	0.675	0.798	0.453	0.362	-0.007
8.1656	GBPRP/izJHKsW1W2	10	0.004	0.199	0.230	0.128	0.860	-0.138
8.3771	GBPRPJHKs	0	-0.003	0.134	0.159	0.091	2.240	0.357
8.1651	GBPRPJHKsW1W2	0	0.006	0.022	0.026	0.015	0.817	-0.062
9.1260	GBPRPy/grizJHKsW1W2	10	0.000	1.166	1.406	0.805	1.312	0.095
7.7272	GBPRP/grizJHKsW1W2	10	0.004	0.445	0.518	0.291	0.420	-0.118
8.3390	GBPRPJHKsW1W2	0	0.004	0.225	0.267	0.152	1.492	0.028
7.3250	GBPRPHKs	0	-0.008	0.805	0.952	0.540	1.497	-0.061
8.2185	GBPRPJHKsW1W2	1	0.031	-0.065	-0.077	-0.044	-0.482	0.045
8.5181	GBPRP/rzJHKsW1W2	0	0.001	0.057	0.066	0.037	1.278	-0.047
8.2540	GBPRP/zJHKsW1W2	0	0.002	0.185	0.214	0.120	1.230	-0.093
8.3450	GBPRPJHKsW1W2	0	0.006	0.069	0.081	0.046	1.245	-0.016
8.5500	GBPRP/grizJHKsW1W2	0	-0.001	0.145	0.169	0.095	1.030	-0.065
8.2510	GBPRP/zJHKsW1W2	10	0.001	0.199	0.233	0.132	0.966	-0.030
7.6647	GBPRP/grizJHKsW1W2	10	0.025	0.836	0.976	0.548	0.350	-0.127
8.1806	GBPRPJHKsW1W2	0	0.005	0.082	0.095	0.053	0.996	-0.102
8.2163	GBPRPJHKsW1W2	10	0.012	0.102	0.117	0.065	0.523	-0.127

8.3494	GBPRPJHKsW1W2	0	0.007	0.168	0.199	0.113	1.206	0.105
8.2183	GBPRPJHKsW1W2	0	0.004	-0.009	-0.011	-0.006	-0.524	-0.031
12.6473	GBPRPgryzy/JHKs	0	-0.001	0.799	0.956	0.546	1.861	0.081
10.0350	GBPRPgzy/JHKsW1W2	0	0.023	2.297	2.811	1.615	1.267	-0.001
11.4121	GBPRPgzy/JHKsW1W2	10	0.004	1.432	1.724	0.985	0.784	0.030
9.6905	GBPRPy/JHKsW1W2	0	-0.001	1.095	1.325	0.760	2.024	0.179
8.2770	GBPRPJHKs	10	0.005	0.782	0.910	0.510	0.076	-0.140
7.3627	GBPRPJHKs	10	0.012	0.648	0.754	0.422	-0.844	-0.123
7.1644	GBPRP/grizJHKsW1W2	0	0.010	1.187	1.422	0.811	-1.314	-0.028
8.1279	GBPRPJHKsW1W2	0	0.004	0.317	0.371	0.209	-0.493	-0.087
7.9201	GBPRPJHKsW1W2	10	0.010	0.882	1.041	0.589	-0.396	-0.060
8.0721	GBPRPJHKsW1W2	0	0.000	0.159	0.187	0.106	1.738	0.038
8.3157	GBPRPJHKsW1W2	0	0.006	0.235	0.277	0.157	0.587	0.037
8.2191	GBPRPJHKsW1W2	0	0.002	0.046	0.054	0.031	1.112	-0.014
8.0118	GBPRPJHKs	0	-0.001	0.436	0.519	0.296	1.035	0.108
8.5448	GBPRP/grizJHKsW1W2	10	0.003	0.358	0.415	0.233	0.683	-0.116
7.8876	GBPRP	10	0.045	0.526	0.612	0.343	-0.739	-0.119
8.7812	GBPRPJHKsW1W2	10	0.007	0.197	0.225	0.125	-0.320	-0.181
7.4146	GBPRPJHKsW1W2	10	0.007	0.419	0.483	0.270	-0.898	-0.149
8.0738	GBPRPJHKsW1W2	0	0.001	0.164	0.191	0.108	0.963	-0.057
7.9357	GBPRPJHKsW1W2	0	0.012	0.631	0.751	0.427	0.297	0.008
8.0965	GBPRP/zJHKsW1W2	0	0.004	0.381	0.445	0.251	-0.312	-0.105
8.0336	GBPRPJHKsW1W2	10	0.011	0.287	0.330	0.184	0.419	-0.120
8.5863	GBPRPJHKsW1W2	2000	0.003	0.616	0.699	0.385	-0.026	-0.252
8.4966	GBPRP/grizJHKsW1W2	10	0.000	0.226	0.258	0.143	0.689	-0.163
8.1963	GBPRP/rizJHKsW1W2	0	0.001	0.302	0.351	0.197	0.967	-0.132
8.3069	GBPRPJHKsW1W2	10	0.024	0.308	0.357	0.200	-0.688	-0.123
8.4436	GBPRPJHKsW1W2	10	0.008	0.254	0.289	0.160	-0.045	-0.189
9.4145	GBPRPJHKsW1W2	10	0.003	0.632	0.744	0.421	-0.342	-0.046
8.2616	GBPRPJHKsW1W2	0	0.002	0.142	0.164	0.091	1.111	-0.131
8.1040	GBPRPJHKsW1W2	10	0.006	0.142	0.162	0.090	0.423	-0.155
7.5450	GBPRPJHKsW1W2	10	0.001	0.422	0.493	0.277	0.000	-0.091
8.3635	GBPRPJHKsW1W2	10	0.004	0.445	0.509	0.282	0.162	-0.160
8.0292	GBPRPJHKsW1W2	10	0.006	0.255	0.295	0.165	-1.098	-0.128
8.6007	GBPRPJHKsW1W2	10	0.006	0.432	0.498	0.278	0.096	-0.159
8.1584	GBPRP/zJHKsW1W2	0	0.002	0.267	0.302	0.166	0.636	-0.199
8.0404	GBPRPJHKs	10	0.006	0.062	0.070	0.039	0.293	-0.157
7.8758	GBPRPJHKsW1W2	10	0.003	0.969	1.132	0.636	0.527	-0.097
8.6617	GBPRP/grizJHKsW1W2	10	0.000	0.248	0.284	0.158	0.883	-0.137
7.8251	GBPRPJHKs	10	0.005	1.032	1.202	0.673	-0.453	-0.117
7.5192	GBPRP/rJHKsW1W2	10	0.008	0.632	0.725	0.403	-0.862	-0.157
9.1212	GBPRPJHKsW1W2	0	0.005	0.467	0.549	0.310	0.358	-0.085
8.5992	GBPRP/grizJHKsW1W2	10	0.001	0.161	0.185	0.103	0.761	-0.120
8.1808	GBPRPJHKsW1W2	0	0.003	0.387	0.450	0.253	0.936	-0.079
8.0542	GBPRPJHKsW1W2	10	0.003	0.027	0.031	0.018	1.075	-0.071
8.9034	GBPRPJHKsW1W2	0	0.006	0.657	0.778	0.441	-0.866	-0.018
8.1372	GBPRPJHKsW1W2	0	0.002	0.251	0.297	0.169	1.482	0.055
8.4912	GBPRPJHKsW1W2	0	0.008	1.654	1.957	1.105	0.402	-0.100
9.1164	GBPRPJHKsW1W2	0	-0.002	0.599	0.708	0.401	1.097	-0.033
8.3126	GBPRPJHKsW1W2	0	-0.004	0.022	0.025	0.014	1.875	0.193

8.3668	GBPRPJHKsW1W2	10	0.113	0.150	0.176	0.099	0.745	-0.035
8.2270	GBPRPJHKsW1W2	0	0.005	0.116	0.136	0.077	0.519	-0.024
8.2363	GBPRP/iJHKsW1W2	10	-0.006	0.206	0.242	0.137	1.311	0.040
8.2586	GBPRP/grizJHKsW1W2	10	-0.004	0.456	0.535	0.302	1.524	-0.030
8.2182	GBPRPJHKs	0	0.004	0.107	0.125	0.071	0.166	-0.058
7.9226	GBPRPJHKsW1W2	0	0.005	0.263	0.310	0.175	0.929	-0.007
8.1986	GBPRPJHKs	0	0.004	0.062	0.073	0.041	1.315	-0.033
12.1564	GBPRPgzy/JHKs	10	0.000	1.291	1.521	0.858	0.519	-0.108
8.6741	GBPRPJ	0	0.017	0.308	0.363	0.206	0.159	-0.063
8.1592	GBPRPJHKsW1W2	0	0.015	0.016	0.019	0.011	1.447	-0.019
8.5055	GBPRP/grizJHKsW1W2	0	-0.004	0.387	0.455	0.258	1.712	-0.002
8.5751	GBPRPJHKsW1W2	0	0.008	1.124	1.337	0.759	-0.131	-0.064
8.4216	GBPRPJHKsW1W2	10	0.006	0.462	0.542	0.306	-0.124	-0.055
8.6917	GBPRPJHKsW1W2	0	-0.004	0.292	0.347	0.197	2.053	0.106
8.3618	GBPRPJHKsW1W2	0	0.001	0.109	0.129	0.073	1.856	0.132
8.1852	GBPRP/grizJHKsW1W2	0	-0.006	0.329	0.391	0.223	2.062	0.108
8.2706	GBPRP/grizJHKsW1W2	10	-0.003	0.205	0.241	0.137	1.862	0.018
8.5667	GBPRP/grizJHKsW1W2	0	0.003	0.061	0.072	0.040	0.609	-0.057
8.5703	GBPRPJHKsW1W2	0	0.007	1.089	1.302	0.742	0.082	-0.008
7.8669	GBPRP/grizJHKsW1W2	0	0.089	0.174	0.210	0.121	2.502	0.444
8.5308	GBPRP/grizJHKsW1W2	0	-0.004	0.135	0.163	0.094	1.132	0.487
7.5673	GBPRP/grizJHKsW1W2	10	0.000	1.390	1.655	0.939	1.139	-0.049
8.6804	GBPRP/grizJHKsW1W2	0	0.002	0.835	1.019	0.589	2.119	0.483
8.1519	GBPRPJHKsW1W2	0	-0.003	0.310	0.368	0.210	2.115	0.129
8.4393	GBPRPJHKs	10	0.010	0.326	0.368	0.202	-0.828	-0.253
8.6045	GBPRPJHKsW1W2	1010	0.014	0.127	0.147	0.082	-4.154	-0.061
8.0311	GBPRPJHKsW1W2	10	0.012	0.369	0.411	0.223	-2.181	-0.334
8.1868	GBPRPJHKsW1W2	10	0.013	0.033	0.037	0.020	-0.901	-0.253
9.7835	GBPRPJHKsW1W2	10	-0.001	0.978	1.127	0.627	-0.450	-0.160
7.9668	GBPRPJHKsW1W2	0	0.008	0.076	0.088	0.050	-0.432	-0.092
8.3896	GBPRPJHKsW1W2	0	0.004	1.515	1.773	0.994	0.568	-0.077
9.2595	GBPRPJHKsW1W2	10	0.003	0.618	0.708	0.393	-0.231	-0.206
9.0540	GBPRPJHKsW1W2	10	0.005	0.075	0.085	0.047	-0.594	-0.180
7.9697	GBPRPJHKsW1W2	10	0.003	0.321	0.371	0.207	0.559	-0.109
8.3669	GBPRPJHKsW1W2	10	0.004	0.671	0.771	0.429	-0.183	-0.161
9.0411	GBPRPJHKsW1W2	10	0.010	0.728	0.841	0.469	-1.668	-0.168
9.1106	GBPRP/grizJHKs	0	0.005	0.949	1.150	0.662	0.747	0.241
6.8015	GBPRP/grizJHKs	10	0.009	1.747	2.111	1.207	0.455	0.014
9.0394	GBPRPJHKsW1W2	10	0.004	1.856	2.172	1.216	0.352	-0.105
6.3288	GBPRPgzy/	10	0.060	1.219	1.526	0.893	0.513	0.828
7.5726	GBPRPJHKs	10	0.006	1.392	1.649	0.933	-0.380	-0.069

9.2106	GBPRPJHKsW1W2	10	0.007	0.785	0.914	0.513	0.344	-0.126
11.4911	GBPRPgzy/JHKsW1W2	0	-0.001	0.711	0.827	0.463	1.031	-0.111
8.9807	GBPRPJHKsW1W2	10	0.006	0.571	0.653	0.362	-0.167	-0.182
8.0547	GBPRPJHKs	1010	-0.002	0.923	1.067	0.595	0.205	-0.186
8.2129	GBPRP	10	0.031	0.207	0.236	0.131	0.230	-0.185
6.6776	GBPRP/zJHKs	10	0.009	1.038	1.234	0.701	0.706	-0.064
7.9228	GBPRP/rzJHKsW1W2	10	0.005	0.206	0.239	0.134	0.601	-0.121
8.5987	GBPRPJHKsW1W2	10	0.006	0.929	1.069	0.595	-0.180	-0.153
7.4298	GBPRP/iJHKs	10	0.010	0.544	0.628	0.351	-0.879	-0.174
8.2638	GBPRPJHKsW1W2	10	0.008	0.548	0.644	0.364	-0.191	-0.070
7.6188	GBPRP/grizJHKsW1W2	10	0.003	0.376	0.437	0.245	0.348	-0.096
7.5840	GBPRP/grizJHKsW1W2	0	0.004	0.536	0.619	0.346	0.213	-0.138
8.7656	GBPRPW1W2	0	0.177	0.173	0.203	0.115	0.320	-0.172
9.0449	GBPRPJHKsW1W2	10	0.000	0.972	1.131	0.634	0.382	-0.107
9.6856	GBPRPJHKsW1W2	10	0.000	0.795	0.948	0.540	1.036	0.049
8.3079	GBPRPJHKsW1W2	0	0.093	0.339	0.398	0.225	-0.157	-0.171
8.4916	GBPRPJHKsW1W2	10	0.002	0.151	0.173	0.096	0.063	-0.152
8.3078	GBPRPJHKsW1W2	10	0.007	0.327	0.368	0.202	-0.605	-0.246
8.2496	GBPRPJHKsW1W2	10	0.009	-0.029	-0.033	-0.018	-0.007	-0.181
12.1033	GBPRPgizy/JHKs	10	-0.002	0.817	0.954	0.536	1.081	-0.078
9.3473	GBPRPJHKs	10	-0.003	1.022	1.210	0.685	0.896	-0.017
8.9353	GBPRPJHKsW1W2	10	0.002	0.393	0.459	0.258	-0.035	-0.096
8.8617	GBPRPJHKsW1W2	0	-0.005	0.040	0.046	0.026	0.864	-0.060
9.6427	GBPRP/grizJHKsW1W2	0	-0.005	0.176	0.207	0.117	0.926	-0.004
8.0396	GBPRPJHKsW1W2	10	0.014	0.557	0.640	0.356	-2.562	-0.229
8.9825	GBPRPJHKsW1W2	0	-0.001	0.645	0.757	0.427	0.392	-0.077
8.1836	GBPRPJHKs	10	0.010	0.351	0.407	0.228	-0.026	-0.124
8.5109	GBPRP/rizJHKsW1W2	10	0.009	0.369	0.417	0.230	-0.732	-0.262
8.0571	GBPRPJHKsW1W2	10	0.009	0.256	0.300	0.170	-0.080	-0.012
8.2335	GBPRPJHKsW1W2	10	0.008	0.034	0.039	0.021	0.001	-0.216
8.2107	GBPRPJHKsW1W2	0	0.007	0.194	0.220	0.122	-0.477	-0.223
8.8754	GBPRP/grizJHKsW1W2	11	0.003	0.370	0.426	0.238	-0.307	-0.162
9.3460	GBPRPJHKs	10	0.009	0.543	0.618	0.342	-0.888	-0.198
8.0690	GBPRP/grizJHKs	10	0.006	0.296	0.334	0.184	-0.032	-0.228
8.1511	GBPRPJHKsW1W2	10	0.003	0.091	0.105	0.059	0.726	-0.133
7.7779	GBPRPJHKsW1W2	10	0.010	0.163	0.189	0.106	-0.361	-0.098
8.0881	GBPRP/gizJHKsW1W2	0	0.007	0.394	0.458	0.257	0.512	-0.104
8.1465	GBPRPJHKsW1W2	0	0.004	0.281	0.323	0.180	-0.100	-0.168
7.7479	GBPRPJHKsW1W2	10	0.008	0.620	0.717	0.401	-0.172	-0.142
8.2488	GBPRPJHKsW1W2	10	0.011	0.101	0.115	0.064	0.228	-0.184
8.4514	GBPRPJHKsW1W2	0	0.021	0.148	0.174	0.098	0.051	-0.155
7.7453	GBPRP/rizJHKsW1W2	10	0.005	0.222	0.251	0.138	-0.772	-0.229
8.3676	GBPRPJHKsW1W2	10	0.002	0.273	0.315	0.176	0.764	-0.110
7.9495	GBPRPJHKsW1W2	10	0.010	0.544	0.635	0.357	-0.708	-0.106
8.9531	GBPRP/izJHKs	10	0.008	0.048	0.055	0.031	-0.702	-0.123

7.5675	GBPRP/grizJHKs	10	0.004	0.368	0.422	0.235	0.200	-0.176
8.2770	GBPRPJHKs	10	0.005	0.782	0.910	0.510	0.076	-0.140
8.4856	GBPRPJHKsW1W2	10	0.006	0.124	0.142	0.079	-0.253	-0.161
7.7153	GBPRP/grizJHKsW1W2	10	0.003	0.337	0.382	0.211	0.393	-0.209
8.1441	GBPRPJHKsW1W2	10	0.005	0.214	0.247	0.138	0.540	-0.141
7.7669	GBPRPJHKs	0	0.003	0.566	0.672	0.383	1.159	0.065
7.6318	GBPRP/zJHKsW1W2	0	0.009	0.048	0.056	0.032	-0.047	0.003
8.3389	GBPRPJHKsW1W2	10	0.006	0.356	0.406	0.225	0.175	-0.185
8.1634	GBPRPJHKsW1W2	10	0.009	0.081	0.092	0.051	0.459	-0.167
8.4558	GBPRPJHKsW1W2	10	0.011	0.118	0.134	0.074	0.358	-0.202
7.6600	GBPRPJHKsW1W2	10	0.008	0.686	0.801	0.451	-1.079	-0.110
7.9244	GBPRPJHKsW1W2	10	0.009	0.275	0.321	0.181	-0.546	-0.124
8.0788	GBPRPJHKsW1W2	0	0.013	0.241	0.287	0.164	1.488	0.226
8.8614	GBPRPJHKsW1W2	10	0.006	0.528	0.610	0.340	-0.572	-0.156
8.9741	GBPRPJHKsW1W2	0	-0.001	0.652	0.779	0.444	1.208	0.095
8.1841	GBPRPJHKsW1W2	10	0.010	0.247	0.284	0.158	-0.720	-0.148
8.8743	GBPRPJHKsW1W2	0	-0.002	0.180	0.214	0.122	0.056	0.196
8.5550	GBPRPJHKsW1W2	10	0.006	0.575	0.671	0.377	1.024	-0.101
8.3209	GBPRPJHKs	0	0.006	0.364	0.427	0.241	0.793	-0.131
7.7290	GBPRPJHKsW1W2	10	0.007	0.454	0.518	0.286	-0.842	-0.204
8.9137	GBPRPJHKsW1W2	0	-0.001	0.513	0.607	0.345	0.963	-0.016
9.0662	GBPRPJHKsW1W2	0	-0.005	0.630	0.746	0.424	1.736	-0.032
9.0921	GBPRPJHKsW1W2	10	0.004	0.611	0.716	0.404	0.261	-0.080
9.8303	GBPRPJHKsW1W2	10	0.005	0.768	0.913	0.519	-0.214	-0.003
8.5013	GBPRP/rizJHKsW1W2	0	0.002	0.313	0.364	0.204	0.771	-0.106
8.3079	GBPRP/rizJHKsW1W2	0	-0.001	0.066	0.076	0.043	1.132	-0.077
8.6929	GBPRPJHKsW1W2	0	0.000	0.493	0.579	0.327	-0.231	-0.052
9.1182	GBPRP/griJHKsW1W2	10	-0.005	0.848	0.998	0.564	0.806	-0.046
10.6714	GBPRPgzy/JHKsW1W2	0	0.011	2.060	2.444	1.380	0.340	-0.126
10.0511	GBPRPgzy/JHKs	0	0.011	2.330	2.837	1.625	0.920	-0.043
9.0080	GBPRPHKs	10	0.000	1.146	1.377	0.787	1.410	0.072
10.3429	GBPRPy/JHKsW1W2	10	0.003	1.408	1.678	0.953	0.506	-0.040
12.8768	GBPRPzy/JHKsW1W2	10	-0.003	1.226	1.429	0.800	-0.326	-0.153
11.0354	GBPRPzy/JHKsW1W2	0	0.003	1.558	1.834	1.032	0.325	-0.115
9.9378	GBPRPJHKsW1W2	10	-0.005	0.568	0.661	0.371	0.526	-0.105
8.9687	GBPRPy/JHKsW1W2	0	-0.004	0.642	0.764	0.436	1.056	0.023
9.7086	GBPRPJHKsW1W2	10	-0.003	0.758	0.907	0.518	1.238	0.091
10.8174	GBPRPy/JHKsW1W2	0	0.008	1.543	1.868	1.070	0.390	0.034
8.9140	GBPRPJHKsW1W2	10	0.004	0.124	0.142	0.079	-0.356	-0.143
8.4687	GBPRPJHKsW1W2	0	0.004	1.370	1.612	0.908	0.190	-0.102
9.7935	GBPRPJHKsW1W2	10	0.004	1.145	1.375	0.786	0.401	0.027
9.4644	GBPRPJHKsW1W2	10	0.002	1.397	1.633	0.915	-0.176	-0.117
9.2467	GBPRPJHKsW1W2	10	0.008	0.454	0.535	0.303	0.409	-0.019
8.6785	GBPRPgzy/JHKs	0	-0.011	0.378	0.453	0.260	2.478	0.366
9.1118	GBPRPJHKsW1W2	0	-0.002	1.056	1.252	0.710	0.248	-0.046
8.0277	GBPRPJHKsW1W2	10	-0.001	0.418	0.489	0.275	0.780	-0.067
8.8645	GBPRP/grizJHKs	10	0.005	1.216	1.421	0.798	0.256	-0.131

8.6696	GBPRP/grizJHKsW1W2	10	-0.005	0.735	0.874	0.497	1.201	0.054
10.0744	GBPRPy/JHKsW1W2	1	0.006	1.681	1.962	1.098	-0.361	-0.159
8.7502	GBPRPJHKsW1W2	10	0.004	0.088	0.101	0.057	0.077	-0.124
10.0219	GBPRPJHKsW1W2	10	-0.003	0.650	0.759	0.427	0.441	-0.105
10.3125	GBPRPzy/JHKsW1W2	10	-0.008	0.749	0.886	0.502	1.372	-0.012
9.4086	GBPRPJHKsW1W2	10	0.005	1.184	1.405	0.796	-0.058	-0.083
9.0637	GBPRPJHKsW1W2	10	-0.004	1.107	1.323	0.753	1.219	0.039
7.8713	GBPRPy/JHKsW1W2	10	-0.004	1.176	1.405	0.800	1.512	0.001
8.1862	GBPRPJHKsW1W2	10	-0.008	0.700	0.820	0.462	1.079	-0.042
10.6381	GBPRPy/JHKs	0	0.019	1.198	1.452	0.834	0.498	0.102
9.9365	GBPRP/grizJHKsW1W2	10	0.002	0.667	0.792	0.450	-0.175	0.023
12.0790	GBPRPgzy/JHKsW1W2	10	0.003	1.421	1.649	0.920	0.442	-0.145
10.9724	GBPRPzy/JHKsW1W2	0	0.004	1.069	1.271	0.722	0.952	-0.034
8.6476	GBPRPzy/JHKs	0	-0.005	0.588	0.699	0.398	1.579	0.056
7.9118	GBPRPgzy/JHKsW1W2	10	0.021	1.392	1.707	0.987	0.704	0.365
10.6451	GBPRPgy/JHKsW1W2	10	0.011	1.908	2.268	1.283	0.150	-0.078
11.4396	GBPRPzy/JHKsW1W2	0	0.003	1.279	1.492	0.837	0.278	-0.126
7.4825	GBPRPy/JHKsW1W2	10	-0.001	1.278	1.515	0.858	0.117	-0.051
9.4502	GBPRPJHKsW1W2	10	-0.002	1.324	1.584	0.902	0.716	0.011
9.1530	GBPRPJHKsW1W2	0	-0.001	0.745	0.873	0.492	0.489	-0.054
9.2329	GBPRPy/JHKsW1W2	0	0.002	1.519	1.765	0.985	-0.217	-0.157
9.9449	GBPRPy/JH	10	-0.002	1.364	1.637	0.934	0.451	0.030
9.3321	GBPRPgy/JHKsW1W2	10	0.012	1.996	2.382	1.350	0.132	-0.105
10.0564	GBPRPzy/JHKsW1W2	0	0.003	1.530	1.781	0.995	0.608	-0.136
10.3329	GBPRPy/JHKsW1W2	10	0.004	1.929	2.275	1.281	-0.624	-0.128
8.6185	GBPRPgzy/JHKsW1W2	0	0.005	1.955	2.308	1.299	1.019	-0.089
10.8628	GBPRPgzy/JHKs	10	0.009	1.945	2.333	1.326	-0.281	-0.069
7.7210	GBPRPgzy/JHKsW1W2	10	0.011	2.133	2.549	1.445	0.205	-0.104
10.0797	GBPRPgy/JHKsW1W2	10	0.014	2.729	3.336	1.912	-0.437	-0.009
9.0464	GBPRPy/JHKs	10	0.009	2.243	2.702	1.539	1.056	0.003
10.7445	GBPRPgzy/JHKsW1W2	10	0.001	0.516	0.622	0.358	1.594	0.380
9.0731	GBPRPy/JHKsW1W2	0	0.007	1.659	1.987	1.131	0.880	-0.017
10.0584	GBPRPgy/JHKsW1W2	10	0.009	2.404	2.911	1.662	0.413	-0.022
6.2302	GBPRPJHKs	10	0.018	2.801	3.437	1.973	-0.315	-0.075
8.0248	GBPRPgy/JHKsW1W2	10	0.020	1.890	2.323	1.340	1.047	0.192
9.4307	GBPRPJHKsW1W2	0	0.000	0.494	0.614	0.359	-0.091	1.092
11.6340	GBPRPgrizy/JHKsW1W2	10	0.008	1.797	2.130	1.203	0.592	-0.132
9.4689	GBPRPy/JHKsW1W2	0	-0.002	0.689	0.827	0.474	2.011	0.197
9.4352	GBPRPJHKsW1W2	10	0.000	0.541	0.625	0.349	0.557	-0.151
12.2383	GBPRPgrizy/JHKsW1W2	0	-0.015	0.347	0.421	0.243	2.648	0.575
10.7972	GBPRPgrizy/JHKsW1W2	10	0.009	1.023	1.254	0.726	2.769	0.564
11.6173	GBPRPgzy/JHKs	10	0.001	1.200	1.413	0.797	1.036	-0.084
7.5853	GBPRPgrizy/JHKs	0	0.008	2.389	2.875	1.635	0.193	-0.069
7.8354	GBPRPgrizy/JHKsW1W2	0	0.011	2.438	2.901	1.639	0.809	-0.132
10.9151	GBPRPgrizy/JHKsW1W2	10	0.011	2.721	3.285	1.869	0.417	-0.081
10.7674	GBPRPgrzy/JHKsW1W2	0	0.015	2.182	2.582	1.454	-0.020	-0.152
10.4891	GBPRPgrzy/JHKs	10	0.014	2.025	2.453	1.403	0.314	-0.017
6.1959	GBPRP/grizJHKs	10	0.008	2.377	2.883	1.647	0.775	-0.039
6.3207	GBPRP	10	0.053	0.856	1.066	0.623	1.157	0.940

7.7005	GBPRP/grizJHKsW1W2	10	0.008	1.498	1.745	0.976	-0.045	-0.148
8.3074	GBPRPJHKsW1W2	0	0.002	0.071	0.086	0.050	1.211	0.530
8.5005	GBPRPJHKsW1W2	0	0.001	-0.028	-0.034	-0.019	1.891	0.619
7.8410	GBPRPJHKsW1W2	0	0.004	1.253	1.507	0.861	0.073	0.031
9.0638	GBPRPJHKsW1W2	10	-0.002	1.141	1.356	0.770	0.926	-0.002
10.4022	GBPRPzy/JHKsW1W2	10	0.000	1.278	1.523	0.865	1.111	-0.035
10.4865	GBPRPgy/JHKsW1W2	0	0.009	2.102	2.489	1.403	-0.052	-0.130
11.1507	GBPRPgzy/JHKsW1W2	10	0.003	1.602	1.912	1.085	0.211	-0.066
9.7408	GBPRPJHKsW1W2	0	-0.002	0.734	0.861	0.485	0.424	-0.084
8.7289	GBPRP/grizJHKsW1W2	10	-0.001	0.157	0.181	0.101	0.297	-0.150
7.9941	GBPRP/rizJHKsW1W2	0	0.000	0.200	0.235	0.133	1.516	0.035
6.9756	GBPRP/grizJHKs	1011	0.007	0.932	1.087	0.610	-1.034	-0.130

g1-y	a	Delta a	name	id
10.419	1.777	0.156	Melotte_105	4429
10.319	1.750	0.164	NGC_7654	4868
10.830	1.982	0.211	Melotte_105	4429
10.294	1.808	0.231	NGC_6250	4708
12.068	2.632	0.411	NGC_6405	4743
9.846	1.886	0.472	NGC_6087	4683
10.847	2.562	0.784	NGC_6268	4714
11.861	2.028	-0.117	IC_4725	4300
11.213	1.803	-0.107	Melotte_105	4429
			NGC_3105	4615
			NGC_6705	4793
			NGC_2244	4527
10.208	1.660	0.114	UPK_347	7078
10.636	2.162	0.461	Theia_4245	5963
11.033	2.298	0.453	Theia_3747	5935
			HSC_1447	2958
11.852	3.199	1.057	NGC_1907	4499
11.654	3.228	1.157	Alessi-Teutsch_10	115
10.514	2.346	0.689	UPK_110	7020
10.578	2.142	0.462	CWNU_406	503
11.702	3.119	1.031	HSC_1467	2975
9.917	2.189	0.749	HSC_699	2363
10.792	2.929	1.171	CWNU_1140	607
11.663	3.379	1.305	IRAS_06117+1901	4307
11.931	2.689	0.518	NGC_1528	4477
9.987	3.150	1.684	HSC_632	2308
10.471	2.282	0.641	NGC_1857	4493
12.517	4.561	2.178	CWNU_2034	965
11.560	2.263	0.226	NGC_6231	4704
10.469	2.248	0.608	NGC_6231	4704
8.406	2.365	1.473	Majaess_99	4409
9.078	4.984	3.849	NGC_7128	4849
10.107	1.546	0.037	Alessi_40	88
10.889	2.510	0.717	CWNU_1020	568
16.402	4.119	0.325	HSC_979	2612
9.772	1.491	0.103	HSC_2303	3642
10.261	1.856	0.291	NGC_2489	4582
10.399	1.386	-0.229	NGC_5460	4658
11.509	1.962	-0.056	CWNU_1010	563
11.136	1.834	-0.048	NGC_5281	4653
9.606	1.587	0.260	Theia_517	5605
			HSC_1687	3148
10.886	2.451	0.659	OC_0450	5015
10.400	1.448	-0.167	Melotte_20	4422
11.300	2.146	0.204	OCSN_77	5109
10.877	2.241	0.453	Turner_5	6074
10.979	3.875	2.049	Theia_643	5623
10.831	2.334	0.562	HSC_2253	3609
10.417	1.986	0.364	HSC_759	2418
9.816	1.961	0.558	HSC_1964	3370

10.675	1.429	-0.286	Melotte_20	4422
9.868	1.472	0.050	Theia_517	5605
			Theia_3250	5890
10.244	2.930	1.371	HSC_1392	2915
11.040	3.461	1.613	UBC_1316	6703
13.003	3.701	1.141	HXHWL_49	4222
10.427	1.089	-0.536	UPK_160	7039
9.809	0.928	-0.472	Theia_290	5561
10.149	1.376	-0.149	Theia_2619	5847
10.270	1.463	-0.105	HSC_2266	3616
10.217	1.478	-0.071	HSC_759	2418
10.743	1.704	-0.035	UBC_32	6082
11.032	1.810	-0.034	HSC_452	2150
10.637	1.678	-0.023	NGC_2451B	4873
10.369	1.583	-0.021	Theia_517	5605
11.788	2.149	0.031	Stock_1	5360
9.603	1.387	0.061	OCSN_77	5109
10.435	1.761	0.133	NGC_6633	4780
9.886	1.621	0.193	OC_0343	4981
10.227	1.786	0.233	UPK_16	6974
10.246	1.806	0.246	ASCC_51	23
10.087	1.790	0.289	UBC_32	6082
10.630	2.019	0.320	HSC_2280	3626
10.204	1.896	0.352	UPK_640	7143
10.579	2.041	0.360	OC_0322	4978
10.691	2.117	0.396	HSC_1961	3367
10.507	2.052	0.397	HSC_2215	3578
9.481	1.709	0.427	UPK_167	7042
9.762	1.840	0.457	LISC_3534	4378
10.934	2.312	0.503	NGC_2251	4528
10.217	2.070	0.522	OC_0450	5015
10.212	2.077	0.530	HSC_572	2256
10.986	2.382	0.554	UPK_645	7146
10.807	2.325	0.562	Stock_12	5367
10.739	2.316	0.578	HSC_2615	3891
10.654	2.336	0.629	CWNU_232	433
10.549	2.344	0.675	HSC_2215	3578
9.540	1.984	0.681	CWNU_1012	564
11.497	2.733	0.720	HSC_2810	4049
10.880	2.629	0.839	UPK_442	7093
10.963	3.100	1.280	UPK_53	6999
			Collinder_394	1347
			NGC_2169	4512
11.007	2.260	0.424	Theia_458	5599
11.261	2.703	0.775	NGC_2516	4585
10.797	2.229	0.469	HSC_448	2146
10.539	1.913	0.248	Theia_874	5674
11.222	1.822	-0.092	Theia_213	5534
12.534	3.257	0.867	IC_348	4277
10.050	1.622	0.133	Theia_780	5655
13.299	2.586	-0.081	CWNU_1057	580

10.855	2.732	0.952	Theia_229	5539
10.797	2.075	0.315	HSC_778	2436
12.682	2.898	0.454	HSC_2133	3511
11.598	2.538	0.488	UPK_526	7108
10.566	1.614	-0.061	Theia_517	5605
10.778	1.971	0.219	NGC_6475	4753
11.324	2.233	0.282	OCSN_24	5089
10.629	2.886	1.188	SAI_40	5323
			NGC_2281	4535
10.562	2.078	0.404	IC_2391	4289
10.632	1.389	-0.310	Blanco_1	281
11.314	1.824	-0.123	NGC_2422	4566
10.734	2.013	0.276	NGC_1662	4484
11.244	2.105	0.184	OCSN_49	5097
11.546	1.815	-0.216	COIN-Gaia_13	303
11.606	1.699	-0.354	HSC_1555	3045
11.393	1.875	-0.100	NGC_2516	4585
10.963	1.638	-0.181	CWNU_1083	589
10.220	2.697	1.148	Theia_986	5689
			Theia_383	5582
			HSC_906	2549
11.138	2.090	0.207	NGC_1662	4484
			Melotte_111	4430
12.226	2.775	0.497	Theia_1203	5709
13.516	3.219	0.473	HSC_1856	3285
11.848	2.118	-0.023	NGC_3960	4630
13.013	1.490	-1.074	Melotte_25	4424
12.156	3.435	1.183	NGC_2477	4578
11.556	1.914	-0.121	UPK_552	7116
9.404	1.658	0.405	UPK_492	7103
8.670	1.041	0.054	Gulliver_2	1750
9.579	1.094	-0.223	IC_2391	4289
10.317	1.275	-0.310	UBC_517	6391
9.525	1.027	-0.271	NGC_3114	4616
9.115	1.082	-0.066	CWNU_1012	564
9.219	1.413	0.227	HSC_704	2368
10.110	2.391	0.880	Skiff_J0619+18.5	5354
9.589	1.477	0.157	HSC_533	2221
12.041	3.364	1.153	HSC_899	2544
9.398	1.395	0.144	Mon_OB1-D	4434
9.559	1.685	0.375	CWNU_334	473
9.143	1.404	0.245	HSC_1536	3027
10.551	2.655	0.985	UPK_82	7011
9.961	1.906	0.450	NGC_7243	4856
9.670	1.839	0.489	NGC_2168	4511
10.282	2.383	0.810	NGC_2489	4582
11.796	4.558	2.436	NGC_6192	4695
10.815	4.412	2.646	NGC_1502	4475
3.645	4.515	5.352	NGC_6756	4805
			IC_4725	4300
9.576	1.283	-0.033	HSC_2468	3776

9.620	1.810	0.477	ASCC_13	8
9.452	1.385	0.114	Juchert_J0649.4+1202	4324
9.082	1.302	0.165	Theia_415	5591
10.858	1.885	0.103	NGC_1333	4470
9.920	1.571	0.130	Collinder_419	1348
9.750	1.556	0.177	CWNU_382	494
9.276	1.490	0.283	Platais_9	5198
10.451	1.917	0.283	NGC_6231	4704
9.639	1.641	0.302	BH_164	161
10.189	1.890	0.351	Theia_638	5622
9.775	1.866	0.478	ASCC_85	42
9.232	2.103	0.912	UPK_537	7111
10.813	2.695	0.930	Harvard_10	4263
10.010	2.580	1.106	NGC_6025	4680
			Collinder_95	1315
11.037	1.833	-0.013	HSC_1516	3011
10.449	2.319	0.686	HSC_1440	2952
9.274	1.549	0.342	HSC_958	2596
9.364	1.845	0.606	Collinder_132	1322
9.924	1.349	-0.093	HSC_878	2523
9.929	1.413	-0.031	NGC_2287	4537
			CWNU_1062	581
10.625	2.928	1.231	Theia_2725	5852
11.532	3.413	1.387	FSR_0744	1571
10.095	1.659	0.155	UPK_381	7082
10.320	1.895	0.309	HSC_1664	3127
			Gulliver_47	1790
12.991	1.631	-0.925	HSC_2012	3412
10.135	1.283	-0.236	NGC_3114	4616
10.079	1.359	-0.139	NGC_2168	4511
10.061	1.391	-0.102	NGC_2516	4585
9.611	1.310	-0.019	HSC_2072	3462
10.450	1.620	-0.013	NGC_4755	4641
10.488	1.647	0.000	HSC_2455	3768
9.333	1.381	0.153	HSC_782	2440
9.908	1.651	0.214	CWNU_1044	576
9.925	1.684	0.241	Theia_2649	5849
9.782	1.683	0.292	NGC_1960	4502
9.218	1.486	0.300	CWNU_1053	577
9.686	1.659	0.303	IC_2602	4293
9.296	1.518	0.303	Theia_181	5529
9.943	1.753	0.304	Alessi_5	70
9.977	1.775	0.313	ASCC_113	59
9.788	1.726	0.333	HSC_2873	4098
9.957	1.909	0.454	CWNU_1044	576
9.542	1.769	0.465	Theia_169	5522
9.614	1.797	0.468	UPK_599	7127
10.894	2.278	0.483	Stock_12	5367
9.987	1.951	0.486	NGC_6087	4683
9.899	1.925	0.492	Theia_954	5683
9.470	1.816	0.538	NGC_2301	4539

9.913	2.032	0.594	HSC_2706	3968
11.236	2.535	0.616	UPK_160	7039
9.735	1.997	0.623	HSC_1058	2676
10.091	2.182	0.679	UPK_587	7124
9.381	1.952	0.706	HSC_633	2309
11.043	2.664	0.815	UPK_626	7138
9.351	2.063	0.829	UPK_5	6970
10.134	2.360	0.842	Theia_11	5479
9.955	2.357	0.904	HSC_2263	3614
9.486	2.211	0.927	NGC_2232	4524
			UPK_5	6970
9.826	1.580	0.174	NGC_6475	4753
			NGC_1039	4465
10.314	2.863	1.279	HSC_2931	4146
10.682	1.368	-0.349	Theia_3582	5922
9.981	1.379	-0.084	COIN-Gaia_19	308
10.304	1.896	0.316	NGC_1896	4496
9.940	1.865	0.417	NGC_2516	4585
10.704	2.456	0.730	Theia_874	5674
9.716	1.842	0.475	HSC_1262	2823
			CWNU_1066	583
			Melotte_22	4423
9.891	1.618	0.187	NGC_5460	4658
10.586	1.407	-0.276	Theia_874	5674
10.846	1.613	-0.164	COIN-Gaia_23	311
10.392	1.539	-0.073	COIN-Gaia_23	311
10.258	1.559	-0.005	COIN-Gaia_19	308
9.855	1.653	0.235	NGC_2422	4566
10.741	2.153	0.414	CWNU_1121	601
11.141	2.497	0.613	NGC_2281	4535
			Teutsch_177	5441
9.496	3.846	2.559	CWNU_2049	969
10.584	4.309	2.627	Teutsch_194	5446
11.079	2.781	0.919	NGC_1708	4486
10.392	1.302	-0.311	CWNU_1313	663
10.510	1.581	-0.074	UBC_1313	6701
11.633	2.005	-0.058	NGC_1857	4493
10.415	1.665	0.044	Melotte_105	4429
9.915	1.550	0.111	CWNU_1423	710
10.533	1.809	0.146	NGC_7296	4860
10.605	1.919	0.230	Skiff_J0619+18.5	5354
10.914	2.039	0.237	FSR_0883	1587
9.563	1.572	0.260	HSC_1534	3025
12.304	2.568	0.262	Teutsch_J0450.9+5209	5469
9.915	1.710	0.271	OC_0315	4975
11.193	2.189	0.286	Theia_2812	5859
9.892	1.747	0.316	CWNU_15	336
13.898	3.205	0.320	HSC_750	2412
11.783	2.448	0.330	NGC_1528	4477
11.303	2.290	0.347	Teutsch_312	5462
10.148	1.912	0.389	OC_0357	4987

12.825	2.894	0.399	Theia_1408	5717
9.743	1.797	0.421	OC_0237	4957
9.653	1.818	0.474	Theia_399	5587
9.581	1.799	0.481	UBC_1327	6713
11.306	2.431	0.487	UBC_1327	6713
10.113	2.019	0.507	HSC_1400	2920
12.246	2.838	0.553	NGC_1528	4477
11.033	2.415	0.570	Biurakan_2	280
12.262	2.878	0.587	UBC_150	6148
10.492	2.264	0.615	Gulliver_53	1796
9.706	2.036	0.672	UBC_441	6334
11.143	2.575	0.690	HSC_1552	3042
9.463	1.974	0.699	FSR_0723	1566
11.633	2.791	0.728	UBC_1600	6902
8.013	1.547	0.799	UBC_580	6436
8.799	1.868	0.834	UBC_1263	6670
9.606	2.200	0.873	FSR_0723	1566
9.508	2.264	0.973	NGC_6834	4818
12.323	3.292	0.979	Theia_1806	5750
10.080	2.556	1.057	HSC_1702	3161
10.543	2.866	1.199	ASCC_12	7
11.490	3.380	1.369	UBC_1168	6604
9.217	2.562	1.376	NGC_869	4461
11.404	3.363	1.383	King_18	4345
9.121	2.767	1.616	Berkeley_7	189
11.726	3.723	1.626	King_15	4342
11.366	3.626	1.660	FSR_0325	1508
10.410	3.298	1.679	NGC_659	4456
10.435	3.425	1.797	Toepler_1	6037
8.962	3.284	2.191	FSR_0534	1543
10.429	3.981	2.355	HSC_1063	2681
10.321	4.015	2.428	UBC_1264	6671
10.823	4.574	2.805	HSC_961	2599
8.997	4.443	3.337	Czernik_16	1367
10.440	5.232	3.602	Ruprecht_115	5283
11.927	5.872	3.702	FSR_0219	1483
13.223	8.997	6.357	HSC_1367	2898
			Teutsch_93	5425
			Theia_1734	5735
			Collinder_106	1318
			FSR_0975	1609
			UBC_438	6331
			FSR_0929	1596
			HSC_538	2226
			HSC_573	2257
			HSC_1246	2809
			Theia_1851	5756
			Theia_1851	5756
			Ruprecht_115	5283
			NGC_6756	4805
			NGC_6802	4811

11.541	3.013	0.983	HSC_137	1895
13.107	2.327	-0.271	Alessi_22	81
13.298	2.691	0.023	NGC_752	4460
12.404	2.677	0.335	IC_4756	4301
12.811	3.500	1.010	NGC_1758	4488
11.666	2.609	0.534	CWNU_1787	876
9.635	3.649	2.312	HSC_1177	2760
			CWNU_2471	1117
9.930	1.881	0.437	HXHWL_53	4225
9.580	1.604	0.287	Theia_2621	5848
11.680	2.609	0.529	OCSN_89	5113
9.691	1.375	0.017	NGC_6242	4706

name_all

BH_117,Collinder_246,ESO_93-7,FSR_1587,MWSC_1933,Melotte_105,OCL_856,OC_0564
Collinder_455,MWSC_3725,Melotte_243,NGC_7654,OCL_260,Theia_2085,Theia_2376
BH_117,Collinder_246,ESO_93-7,FSR_1587,MWSC_1933,Melotte_105,OCL_856,OC_0564
BH_206,Collinder_320,ESO_277-20,MWSC_2500,NGC_6250,OCL_991,Theia_132,Theia_354
NGC_6405,Theia_122
BH_188,Collinder_300,ESO_137-15,MWSC_2382,Melotte_141,NGC_6087,OCL_948,Theia_299
BH_212,Collinder_323,ESO_332-17,MWSC_2516,NGC_6268,OCL_1002
Collinder_382,ESO_591-6,IC_4725,MWSC_2940,M_25,Melotte_204,OCL_38,Theia_650
BH_117,Collinder_246,ESO_93-7,FSR_1587,MWSC_1933,Melotte_105,OCL_856,OC_0564
BH_82,Collinder_214,ESO_167-14,FSR_1519,MWSC_1742,NGC_3105,OCL_798
Collinder_391,FSR_82,MWSC_3008,Melotte_213,NGC_6705,OCL_76,OC_0048,Theia_1776,Theia_2170,Theia_2244
UPK_347
CWNU_225,OC_0198,Theia_4245
CWNU_200,Theia_3747

Collinder_66,FSR_774,MWSC_552,Melotte_35,NGC_1907,OCL_434,Theia_3773
Alessi-Teutsch_10,Alessi_Teutsch_10,OC_0278,UBC_19
UPK_110
CWNU_406

CWNU_1140,Collinder_47,MWSC_353,Melotte_23,NGC_1528,OCL_397,Theia_5062,Theia_593,Theia_7064
IRAS_06117+1901,OC_0318
Collinder_47,MWSC_353,Melotte_23,NGC_1528,OCL_397,Theia_5062,Theia_5528,Theia_593,Theia_7064

Collinder_61,FSR_755,MWSC_505,Melotte_32,NGC_1857,OCL_428,Theia_2630
CWNU_2034
NGC_6231
NGC_6231
Majaess_99,OC_0463
Collinder_440,FSR_327,MWSC_3554,NGC_7128,OCL_218,OC_0157
ASCC_97,Alessi_40,MWSC_2963,Theia_462
CWNU_1020

BH_15,Collinder_169,ESO_430-3,FSR_1330,MWSC_1386,Melotte_79,NGC_2489,OCL_690
Collinder_280,ESO_221-24,MWSC_2202,Melotte_123,NGC_5460,OCL_925,Theia_266
CWNU_1010
BH_152,Collinder_276,ESO_97-5,MWSC_2161,Melotte_120,NGC_5281,OCL_911,Theia_1873,Theia_1948
Collinder_438,MWSC_3521,Melotte_236,NGC_7092,OCL_211,Theia_517,Theia_822

OC_0450
Melotte_20
OCSN_77
MWSC_1684,Theia_443,Turner_5
Theia_643

Melotte_20

Collinder_438,MWSC_3521,Melotte_236,NGC_7092,OCL_211,Theia_517,Theia_822
Theia_3250

UBC_1316

HXHWL_49,UBC_1277

Theia_124,UPK_160

Theia_290

Theia_2619

Theia_223,UBC_32,UPK_19

BH_9,Collinder_161,ESO_311-8,Escorial_24,HIP_37742_Group,MWSC_1308,MWSC_1322,NGC_2451,NGC_24
Collinder_438,MWSC_3521,Melotte_236,NGC_7092,OCL_211,Theia_517,Theia_822

OCL_127,Stock_1,Theia_821

OCSN_77

Collinder_380,MWSC_2917,Melotte_201,NGC_6633,OCL_90,Theia_924

CWNU_1003,OC_0343,Theia_838

UPK_16

ASCC_51,MWSC_1647,Theia_185,Theia_245,Theia_966,UBC_260

Theia_223,UBC_32,UPK_19

FoF_2442,UPK_640

CWNU_216,OC_0322

Theia_7983,UPK_167

LISC_3534,Theia_322

Collinder_101,MWSC_916,NGC_2251,OCL_499,Theia_2992

OC_0450

Theia_337,UPK_645

MWSC_3743,OCL_258,Stock_12,Theia_451

CWNU_232

CWNU_1012

UPK_442

Theia_952,UPK_53

Collinder_394,ESO_592-3,MWSC_3011,OCL_42,Theia_407

NGC_2169,OC_0323

Theia_458

Collinder_172,ESO_124-6,FSR_1487,MWSC_1393,Melotte_82,NGC_2516,OCL_776,Theia_613

Theia_874

Theia_213

IC_348,Theia_17

CWNU_1104,Theia_780

CWNU_1057

OCSN_81,Theia_229

Theia_107,UPK_526

Collinder_438,MWSC_3521,Melotte_236,NGC_7092,OCL_211,Theia_517,Theia_822

BH_254,Collinder_354,ESO_394-9,MWSC_2739,Melotte_183,NGC_6475,OCL_1028,Theia_692

OCSN_24

HD_277249_Group,SAI_40,Teutsch_196,UBC_431

Collinder_116,MWSC_989,Melotte_51,NGC_2281,OCL_446,Theia_635

IC_2391,Theia_114

Blanco_1,ESO_409-9,MWSC_7,OCL_43,zeta_Scl

Collinder_152,Escorial_21,MWSC_1278,Melotte_68,NGC_2422,OCL_596,Theia_320

Collinder_55,MWSC_425,NGC_1662,OCL_470,Theia_1018

OCSN_49

COIN-Gaia_13,OC_0286

Collinder_172,ESO_124-6,FSR_1487,MWSC_1393,Melotte_82,NGC_2516,OCL_776,Theia_613

CWNU_1083

Theia_986

OCSN_73,Theia_383

Collinder_55,MWSC_425,NGC_1662,OCL_470,Theia_1018

Collinder_256,Coma_Berenices,MWSC_2020,Melotte_111,OCL_558

Theia_1203

BH_123,Collinder_250,ESO_170-14,FSR_1590,MWSC_1982,Melotte_108,NGC_3960,OCL_861,Theia_5390,UB

Collinder_50,Hyades,MWSC_379,Melotte_25,OCL_456,Taurus_Moving_Cluster

BH_13,Collinder_165,ESO_311-17,FSR_1369,MWSC_1363,Melotte_78,NGC_2477,OCL_720,Theia_5145

UPK_552

UPK_492

BH_22,Collinder_178,ESO_369-7,Gulliver_2,MWSC_1447,NGC_2546,OCL_726

IC_2391,Theia_114

Theia_2739,Theia_3053,Theia_3059,Theia_4856,UBC_517

BH_86,Collinder_215,ESO_127-2,MWSC_1749,Melotte_98,NGC_3114,OCL_802,Theia_293,Theia_295

CWNU_1012

Skiff_J0619+18.5,Theia_2067

Mon_OB1-D,NGC_2264

CWNU_334,Theia_3187

FoF_2417,UPK_82

Collinder_448,MWSC_3602,Melotte_240,NGC_7243,OCL_221,Theia_356

Collinder_82,MWSC_754,Melotte_41,NGC_2168,OCL_466,Theia_203

BH_15,Collinder_169,ESO_430-3,FSR_1330,MWSC_1386,Melotte_79,NGC_2489,OCL_690

BH_194,Collinder_309,ESO_277-3,MWSC_2440,Melotte_149,NGC_6192,OCL_988,Theia_3268

NGC_1502,Theia_1701

Collinder_398,FSR_113,MWSC_3052,NGC_6756,OCL_99

Collinder_382,ESO_591-6,IC_4725,MWSC_2940,M_25,Melotte_204,OCL_38,Theia_650

ASCC_13,MWSC_486,Theia_2043
Juchert_J0649.4+1202,UBC_204
Theia_415
NGC_1333
Collinder_419,Theia_286
CWNU_382
Platais_9
NGC_6231
Alessi_7,BH_164,MWSC_2255,vdBergh-Hagen_164
Theia_638
ASCC_85,MWSC_2465,Theia_156,Theia_3681,Theia_4023
Theia_1128,UPK_537
ESO_179-2,Harvard_10,MWSC_2381,OCL_954
BH_181,Collinder_296,ESO_136-14,MWSC_2347,Melotte_139,NGC_6025,OCL_939
Collinder_95

Collinder_132,Theia_1765

Collinder_118,ESO_557-14,MWSC_978,Melotte_52,NGC_2287,OCL_597,Theia_476
CWNU_1062
Theia_2725
CWNU_1068,FSR_0744,FSR_744,MWSC_447
Theia_859,UPK_381

Gulliver_47,Theia_3474

BH_86,Collinder_215,ESO_127-2,MWSC_1749,Melotte_98,NGC_3114,OCL_802,Theia_293,Theia_295
Collinder_82,MWSC_754,Melotte_41,NGC_2168,OCL_466,Theia_203
Collinder_172,ESO_124-6,FSR_1487,MWSC_1393,Melotte_82,NGC_2516,OCL_776,Theia_613

BH_141,Collinder_264,ESO_131-16,FSR_1633,MWSC_2072,Melotte_114,NGC_4755,OCL_892,Theia_1748,Theia_1749

CWNU_1044
CMa_1,HXHWL_54,PHOC_4,Theia_2649
NGC_1960,Theia_2010
CWNU_1053,Loden_189
BH_103,Collinder_229,ESO_93-2,IC_2602,MWSC_1840,Melotte_102,OCL_838
Theia_181
Alessi_5,MWSC_1844
ASCC_113,MWSC_3480,Theia_461

CWNU_1044
OCSN_79,Theia_169
Theia_24,UPK_599
MWSC_3743,OCL_258,Stock_12,Theia_451
BH_188,Collinder_300,ESO_137-15,MWSC_2382,Melotte_141,NGC_6087,OCL_948,Theia_299
Theia_954
Collinder_119,MWSC_1000,Melotte_54,NGC_2301,OCL_540

Theia_124,UPK_160

UPK_587

Theia_732,UPK_626

Theia_184,UPK_5

OCSN_39,OC_0209,Theia_11

Collinder_93,Escorial_8,MWSC_871,NGC_2232,OCL_545

Theia_184,UPK_5

BH_254,Collinder_354,ESO_394-9,MWSC_2739,Melotte_183,NGC_6475,OCL_1028,Theia_692

Collinder_31,MWSC_223,Melotte_17,NGC_1039,OCL_382,Theia_251

Theia_3582,Theia_412

COIN-Gaia_19,Stock_8,Theia_3889

MWSC_537,NGC_1896

Collinder_172,ESO_124-6,FSR_1487,MWSC_1393,Melotte_82,NGC_2516,OCL_776,Theia_613

Theia_874

CWNU_1066

Collinder_42,Escorial_1,M45,MWSC_305,Melotte_22,OCL_421,Pleiades,Theia_369

Collinder_280,ESO_221-24,MWSC_2202,Melotte_123,NGC_5460,OCL_925,Theia_266

Theia_874

Alessi_135,COIN-Gaia_23,Majaess_65,Theia_497

Alessi_135,COIN-Gaia_23,Majaess_65,Theia_497

COIN-Gaia_19,Stock_8,Theia_3889

Collinder_152,Escorial_21,MWSC_1278,Melotte_68,NGC_2422,OCL_596,Theia_320

CWNU_1121

Collinder_116,MWSC_989,Melotte_51,NGC_2281,OCL_446,Theia_635

LISC-III_3344,Teutsch_177,Theia_2851,UBC_216

CWNU_2049

CWNU_1486,Teutsch_194

MWSC_458,NGC_1708

CWNU_1313

UBC_1313

Collinder_61,FSR_755,MWSC_505,Melotte_32,NGC_1857,OCL_428,Theia_2630

BH_117,Collinder_246,ESO_93-7,FSR_1587,MWSC_1933,Melotte_105,OCL_856,OC_0564

CWNU_1423

Collinder_451,MWSC_3625,NGC_7296,OCL_228

Skiff_J0619+18.5,Theia_2067

FSR_0883,FSR_883,MWSC_717

CWNU_1191,TRSG_9,Teutsch_J0450.9+5209

OC_0315

OC_0342,Theia_2812

CWNU_15,Theia_648

Collinder_47,MWSC_353,Melotte_23,NGC_1528,OCL_397,Theia_5062,Theia_5528,Theia_593,Theia_7064

Teutsch_312,Teutsch_J2101.7+2938,Theia_276,UPK_108

OC_0357

MWSC_784,NGC_2184,Theia_1408
OC_0237
Theia_399
Dias_2,MWSC_756,Theia_1972,UBC_1327
Dias_2,MWSC_756,Theia_1972,UBC_1327

Collinder_47,MWSC_353,Melotte_23,NGC_1528,OCL_397,Theia_5062,Theia_5528,Theia_593,Theia_7064
Biurakan_2
Theia_487,UBC_150
Gulliver_53
LISC_3106,UBC_441

FSR_0723,FSR_723,MWSC_414,UBC_430
UBC_1600
UBC_580
UBC_1263
FSR_0723,FSR_723,MWSC_414,UBC_430
NGC_6834,Theia_1903
CWNU_127,Theia_1806

ASCC_12,MWSC_427
UBC_1168
NGC_869
FSR_392,King_18,MWSC_3669,OCL_247
Berkeley_7
FSR_501,King_15,MWSC_58,OCL_298
FSR_0325,FSR_325,MWSC_3566,UBC_160
NGC_659
OC_0098,OC_0099,Theia_6445,Toepler_1
FSR_0534,FSR_534,MWSC_112

Theia_2581,UBC_1264

Czernik_16,FSR_645,MWSC_282,OCL_387,OC_0270
OC_0646,Ruprecht_115
FSR_0219,OC_0118

DSH_J0650.8+0131,Teutsch_93
OC_0346,Theia_1734
Collinder_106,FSR_1008
FSR_0975,FSR_975,MWSC_948
UBC_438
FSR_0929,FSR_929,MWSC_865,UBC_1310

Theia_1851
Theia_1851
OC_0646,Ruprecht_115
Collinder_398,FSR_113,MWSC_3052,NGC_6756,OCL_99
Collinder_400,FSR_141,MWSC_3134,NGC_6802,OCL_114

Alessi_22,CWNU_1254,Theia_1106

Collinder_23,MWSC_151,Melotte_12,NGC_752,OCL_363

Collinder_386,Graff_1,IC_4756,LISC-III_3449,MWSC_2967,Melotte_210,OCL_94,Theia_1115

Collinder_57,FSR_822,MWSC_461,MWSC_463,Melotte_28,NGC_1746,NGC_1758,OCL_452,OCL_453,Theia_8'
CWNU_1787

CWNU_2471

HXHWL_53

CWNU_290,Theia_2621

OCSN_89,Theia_246

BH_204,Collinder_317,ESO_332-10,MWSC_2488,Melotte_155,NGC_6242,OCL_1001

kind	cst	n_stars	cst_tidal	n_stars_tidal	ra	dec	l
o	36.8114238	837	33.6869692	620	169.9173909	-63.4836311	292.9008496
o	99.0000000	1190	99.0000000	1008	351.1899515	61.5992575	112.8163195
o	36.8114238	837	33.6869692	620	169.9173909	-63.4836311	292.9008496
o	18.9110486	176	17.9168714	156	254.4777525	-45.9486090	340.6714771
o	99.0000000	974	29.2292383	533	265.0672502	-32.2280609	356.5944810
o	27.4724684	360	27.4724684	360	244.6830589	-57.9140854	327.7309822
o	22.7591234	280	22.1954302	217	255.5274215	-39.7225292	346.0465508
o	29.1283599	725	30.6136015	565	277.9424851	-19.1308430	13.6883007
o	36.8114238	837	33.6869692	620	169.9173909	-63.4836311	292.9008496
o	16.4441022	187	18.9648583	163	150.1726301	-54.7893962	279.9200042
o	35.1409776	1911	27.1075256	1157	282.7659900	-6.2752533	27.3001569
o	24.2061765	360	24.2363283	358	97.9853010	4.9267125	206.3219763
o	8.3107078	49	8.5361971	48	77.0507797	40.7647047	165.9207169
o	8.7255876	39	8.7151674	37	348.9585784	55.2004304	109.5072805
o	10.3451195	53	10.3451195	53	96.9362153	36.0547002	177.9899443
m	6.2832425	63	6.2832425	63	101.3792280	32.0069481	183.3247330
o	30.5957245	478	27.1735486	288	82.0290019	35.3240910	172.6237655
o	4.9703966	85	6.7933267	62	56.3306327	29.7415891	162.2702087
o	8.3393145	41	8.3393145	41	305.7737357	38.0056174	76.3970072
o	11.3087843	58	11.3087843	58	91.3987120	20.8140314	189.2951851
o	3.4262629	29	6.2394277	22	93.2412211	26.5650328	185.0704775
o	4.6613761	35	5.8635450	31	324.5391651	41.8317075	88.7525093
o	3.9585722	17	4.3361438	15	64.2469320	51.1843908	152.2591333
o	16.6271083	176	16.9659024	163	93.7016588	19.0058515	191.9243490
o	29.8574562	463	27.4916290	411	63.9055698	51.1949611	152.0977148
o	4.9867446	59	4.9867446	59	306.6804744	42.6612183	80.6018580
o	20.5010462	173	20.5010462	173	80.0287490	39.3288354	168.4188574
o	5.7154076	33	6.9385330	20	325.8799919	49.6421869	94.6420633
o	30.7597790	646	31.2554559	634	253.5709857	-41.8364518	343.4692431
o	30.7597790	646	31.2554559	634	253.5709857	-41.8364518	343.4692431
o	13.9466460	105	14.0986450	104	125.4891633	-42.0837656	259.6226699
o	24.9367380	286	24.9684983	285	325.9891682	53.7157478	97.3433148
o	20.0660916	290	20.0660916	290	279.2707085	-19.1682292	14.2268735
o	17.1530652	171	17.7999150	166	135.0060404	-54.5099512	273.3377880
m	7.0738625	84	7.0738625	84	12.5244302	40.8912454	122.6587929
o	17.6124219	153	17.6124219	153	169.1383512	-35.5980225	282.0518604
o	30.6602988	384	29.1155041	345	119.0670666	-30.0626236	246.7142145
o	22.6096097	267	23.4364925	255	211.8166135	-48.3027957	315.7287122
o	10.0207449	65	10.4387324	62	69.0960071	-8.3552535	204.5355112
o	21.7966662	202	21.7966662	202	206.5983746	-62.9161087	309.1400121
o	31.6198006	511	22.4989659	284	322.8305068	48.3491318	92.2871384
o	4.3997144	19	4.7479967	15	97.0286826	-4.1458576	213.9792835
o	20.7864190	398	21.2010001	386	118.1377952	-42.4318704	256.9987213
o	99.0000000	938	34.5941591	616	51.3319384	49.1186585	147.1198757
o	20.7552012	236	20.7552012	236	112.6611554	-12.5396810	228.5561341
o	16.8529467	116	16.8529467	116	143.1386317	-36.4292437	264.2142140
o	11.4521433	136	11.4521433	136	255.5624755	-48.9239165	338.7748432
o	8.5234572	28	8.5234572	28	157.9414512	-42.3790602	277.1677924
o	27.2886871	372	25.1537424	248	225.1466823	59.3861548	97.4056722
m	15.9618976	257	15.9618976	257	91.3803356	-37.4849869	244.0586419

o	99.0000000	938	34.5941591	616	51.3319384	49.1186585	147.1198757
o	31.6198006	511	22.4989659	284	322.8305068	48.3491318	92.2871384
m	3.9013659	111	4.9063234	87	90.2846005	9.3482911	198.7972093
o	4.7986941	18	4.9217115	15	83.4382947	30.2584072	177.5079674
o	7.4694290	74	9.7873604	63	94.7322959	14.6452606	196.2299594
o	9.1892057	51	10.0004930	41	77.7026665	36.3649777	169.7600736
o	11.5501105	76	12.4956566	61	305.6988849	64.2632186	98.4421400
o	7.5019534	39	8.1149004	27	262.4652580	-35.7499802	352.4653469
o	9.1659975	50	9.5515042	47	268.0702510	-25.2051606	3.9616174
o	5.8939223	50	7.0037106	34	146.9627807	-55.5185053	278.9363196
o	27.2886871	372	25.1537424	248	225.1466823	59.3861548	97.4056722
o	25.4601413	393	24.5184328	355	279.3217573	-14.0030268	18.8653184
o	6.7870432	39	7.0742898	38	299.8328699	16.6544862	55.5944591
o	28.6135637	615	28.6299969	549	116.1761223	-37.9420739	252.3175664
o	31.6198006	511	22.4989659	284	322.8305068	48.3491318	92.2871384
o	24.7232441	290	19.5180815	135	293.9845362	25.1883234	60.2373779
o	20.7552012	236	20.7552012	236	112.6611554	-12.5396810	228.5561341
o	31.4629405	515	26.4733916	368	276.8054786	6.5592005	36.0541155
o	16.4825484	104	16.4825484	104	97.6316468	4.3572979	206.6649280
o	8.5378648	59	9.6975142	44	287.3656562	-19.0689038	17.6802395
o	19.4677494	172	16.7550842	136	140.3967267	-69.8552943	286.5877367
o	25.4601413	393	24.5184328	355	279.3217573	-14.0030268	18.8653184
o	12.7318878	113	13.8597301	102	148.7797576	-56.2613606	280.1959831
o	22.7017381	764	28.9085031	427	249.6923902	-39.5071430	343.3396173
o	8.3017286	53	8.3017286	53	79.4176919	7.1641227	195.2056697
o	11.8620159	90	12.3298148	86	96.5543758	-36.0600548	243.9631286
o	15.4992748	148	15.4992748	148	141.9180523	-49.8298204	272.8700494
o	21.2705067	198	21.2776439	197	336.6616063	49.5157687	100.2142460
o	29.1132371	430	27.8943621	382	12.0877105	49.9056108	122.4218793
o	18.1112030	221	18.7039112	203	98.6763011	8.3443848	203.6049999
o	20.7864190	398	21.2010001	386	118.1377952	-42.4318704	256.9987213
o	9.0909482	32	9.0909482	32	290.6821016	40.6219395	72.7336521
o	13.5414741	95	12.1717793	71	270.1397199	-42.8397375	349.4316395
o	22.9093019	273	22.5340607	209	353.8700644	52.6234885	111.4098675
o	5.8131110	18	5.7464779	17	224.0223503	-77.2159558	309.7742804
o	13.0294779	138	13.3173271	136	92.3463390	-2.9941909	210.7973195
o	15.4992748	148	15.4992748	148	141.9180523	-49.8298204	272.8700494
o	22.7844708	225	22.7844708	225	324.3291868	-19.5270855	31.8866524
o	7.4703226	72	7.8099521	59	231.6196327	-30.5907838	338.3087826
o	14.1013330	121	14.1013330	121	97.8522353	-12.5573294	221.9690125
o	22.4286421	209	19.1448160	135	288.5294442	14.2690892	48.1871106
o	99.0000000	977	25.6905839	501	283.0582237	-20.2719084	14.8168887
o	16.4517157	133	16.9839401	121	92.1177248	13.9666308	195.6144716
o	6.3459128	73	6.5615783	72	106.2396058	-16.8273642	229.4505918
o	99.0000000	3784	37.0556537	1651	119.5214987	-60.7929045	273.8533579
o	12.2178037	163	13.6640208	127	328.6271726	-3.0393737	54.7642747
o	9.5009826	57	10.0717266	55	87.5724439	34.2278355	175.9774627
o	3.9464992	45	5.6572888	33	302.0790496	28.3921270	66.6913483
o	21.6520111	302	22.1089222	290	56.1372637	32.1771281	160.4776554
o	9.8216222	74	10.8680040	66	81.6588583	30.3197052	176.6111653
o	10.9591004	54	11.4846290	51	80.8837216	-8.3020801	210.4147338

o	14.0306436	185	14.8362712	167	90.2525554	-27.8504143	233.7323966
o	3.6032306	50	6.8065129	30	349.3976786	29.7949526	99.7086327
o	8.2269116	28	8.2269116	28	158.1631344	-21.3788863	264.7298702
o	17.8236869	173	17.8236869	173	115.9463966	-52.8355366	265.6034173
o	31.6198006	511	22.4989659	284	322.8305068	48.3491318	92.2871384
o	99.0000000	1427	99.0000000	961	268.4760553	-34.8283301	355.8359378
o	12.5900485	58	12.5900485	58	314.7721801	48.7610523	88.8854028
o	14.4663602	135	15.5763309	114	75.2114832	41.2249061	164.7125982
o	99.0000000	717	29.8170760	447	102.0899494	41.0939708	174.8917381
o	26.0630563	376	22.9005882	264	130.2601512	-53.0416992	270.4153375
o	99.0000000	841	26.8137913	422	0.9149839	-30.0106157	14.7575797
o	99.0000000	1129	27.8898661	510	114.1690869	-14.4926546	230.9772471
o	26.2870840	384	23.7492259	259	72.1139981	10.9037603	187.7247878
m	24.8915529	265	24.8915529	265	89.9167759	45.4963087	166.9759541
m	33.6447775	572	31.1790561	469	83.3915928	41.8279870	167.7603129
o	6.2381144	74	7.6138870	63	126.2439119	27.2248400	196.1444393
o	99.0000000	3784	37.0556537	1651	119.5214987	-60.7929045	273.8533579
o	6.6772456	100	7.0554011	60	126.1355017	-41.0182739	259.0247710
o	15.0536549	139	15.2397868	136	125.6472220	-42.4455596	259.9872030
o	12.3508305	95	13.1065288	82	113.1654160	0.3227470	217.3816896
o	3.5877922	19	3.8373269	17	200.9510725	55.7081665	113.5686042
o	26.2870840	384	23.7492259	259	72.1139981	10.9037603	187.7247878
o	21.8118415	271	17.4198932	117	186.0171988	26.4226748	217.9701647
o	14.6852367	136	14.6852367	136	281.0151032	-57.1779927	338.5622303
o	6.6582767	35	7.6850962	29	110.5303195	-20.2641214	234.3850281
o	33.5947299	670	26.3579273	358	177.6502013	-55.6765289	294.3749817
o	27.4379342	927	29.6677975	386	66.7086458	16.0807978	179.8733492
o	99.0000000	3543	34.2395384	1983	118.0450238	-38.5344444	253.5685138
o	14.0547115	79	13.5539479	72	158.4603285	-46.9855940	279.9196348
o	5.8289792	56	6.7279815	46	121.4346667	-33.5583771	250.7453837
o	18.9778315	192	19.8048384	182	122.8946019	-37.3932562	254.6132535
o	26.0630563	376	22.9005882	264	130.2601512	-53.0416992	270.4153375
o	13.0718662	256	13.0718662	256	182.4644317	-63.9660026	298.3882444
o	99.0000000	1624	99.0000000	1359	150.5655709	-60.0072092	283.2301221
o	22.7844708	225	22.7844708	225	324.3291868	-19.5270855	31.8866524
o	3.5426226	13	4.1876833	12	301.8747985	55.3255810	89.5554148
o	11.8672284	59	11.8722516	58	94.8313943	18.5338363	192.8477081
o	3.5660792	57	6.4465594	35	298.6663467	30.0773193	66.5472502
o	4.4713956	16	4.3986950	13	352.4224750	59.6556655	112.7676511
o	6.9618397	110	6.9618397	110	100.2735638	9.5725884	203.2371629
o	6.8903516	55	8.4766611	34	89.4020695	19.2648358	189.7149327
o	4.6655547	27	6.5031484	16	105.3035489	22.3625547	193.7942835
o	14.1090613	142	14.2439367	131	298.4636261	26.2019508	63.1345147
o	31.3162560	503	25.4747320	355	333.8173030	49.8247496	98.8333622
o	99.0000000	1609	99.0000000	1106	92.2838081	24.3262176	186.6230994
o	30.6602988	384	29.1155041	345	119.0670666	-30.0626236	246.7142145
o	99.0000000	774	29.8904149	516	250.0748436	-43.3564565	340.6448524
o	27.6127837	383	27.3251521	373	61.9609767	62.3256728	143.6773549
o	27.7610911	384	28.1609495	375	287.1809762	4.7111286	39.0966092
o	29.1283599	725	30.6136015	565	277.9424851	-19.1308430	13.6883007
o	15.3548490	210	15.4947946	206	182.2294233	-51.5402197	296.2249350

o	11.4156420	117	11.5234030	115	78.2206697	44.3650269	163.5297774
o	13.1751400	103	13.3441068	91	102.3694067	12.0422845	201.9658101
o	5.0804557	19	5.2046070	12	83.1334921	38.3312366	170.5976476
o	5.7853892	31	5.7792275	30	52.3282338	31.3581533	158.3346816
o	29.5123320	514	29.5123320	514	304.5270446	40.7256513	78.0924155
o	7.3444678	45	8.6623681	41	197.8520753	-56.4448639	305.7059708
o	20.7017442	251	18.2982228	213	138.3206864	-43.5575701	266.6809083
o	30.7597790	646	31.2554559	634	253.5709857	-41.8364518	343.4692431
o	26.3401197	819	22.4849024	352	222.3238529	-66.3924934	314.3596688
o	11.2885918	93	12.4619117	84	48.3975220	59.2610463	140.2190166
o	20.6617417	201	20.6617417	201	251.9243070	-45.5721040	339.8335457
o	13.3364174	125	14.4427742	111	125.6457800	-51.5692616	267.5513381
o	21.3450018	626	16.4777318	219	244.8130856	-54.9657480	329.8591982
o	32.3262696	555	27.4695855	429	240.7931864	-60.4321241	324.5402829
o	16.1033009	248	16.1033009	248	97.7834303	9.8390243	201.8721605
o	6.6369115	26	6.6369115	26	94.9831269	19.8452519	191.7580515
o	6.8340158	40	7.8625341	30	89.1425855	27.6512496	182.3370652
m	9.6233858	107	9.6233858	107	5.7004085	68.3278135	120.2813790
o	10.0875383	106	10.3755193	100	108.3461588	-30.9705320	243.0625341
o	11.8018840	88	11.8018840	88	348.3134891	60.3596567	111.0760221
o	99.0000000	948	28.8837029	593	101.4951399	-20.7030497	230.9665509
o	10.7444304	62	11.0129077	60	173.7014170	16.8449919	239.1012374
m	7.4183884	66	7.8386722	64	97.6085094	18.9332707	193.7194042
o	8.8247842	43	9.1432866	41	74.8504566	37.9787342	167.0985421
o	11.0272808	92	11.0272808	92	95.2698362	29.5171439	183.2880125
o	5.7951249	20	5.7951249	20	106.0662813	4.1292157	210.7097175
o	13.0472511	110	13.0472511	110	107.9200869	0.8046824	214.5260814
o	9.1799855	47	10.0915296	38	110.4681775	-37.4533463	249.7551818
o	99.0000000	1624	99.0000000	1359	150.5655709	-60.0072092	283.2301221
o	99.0000000	1609	99.0000000	1106	92.2838081	24.3262176	186.6230994
o	99.0000000	3784	37.0556537	1651	119.5214987	-60.7929045	273.8533579
o	9.5438575	59	9.5438575	59	119.0275191	-43.1985490	257.9984834
o	35.6386854	724	35.3457127	635	193.4137731	-60.3709849	303.2062167
m	10.4110048	72	10.4110048	72	145.0099018	-80.3284847	295.2936832
o	10.6709910	47	10.6709910	47	284.8394237	69.6114566	100.4113638
o	27.8747367	377	27.8747367	377	129.9304072	-51.8590449	269.3450032
o	12.9126220	92	13.6786179	89	106.8840338	-7.6649825	221.5834220
o	26.3482535	373	20.8878542	217	84.0853176	34.1342252	174.5439679
o	15.4920219	142	15.6022032	138	162.4193703	-56.6075558	286.7266279
o	29.9756858	638	27.3982786	314	160.9730827	-64.3932363	289.6865912
o	19.1656456	190	19.7861291	173	234.5458623	-64.8569516	319.4908028
o	22.0361204	571	23.0166487	427	160.9021557	-61.1115029	288.1077251
o	32.2741278	491	25.9347625	344	317.9625957	38.5453047	82.8245062
m	12.6167204	120	12.6167204	120	256.0601005	-37.6686196	347.9293454
o	27.8747367	377	27.8747367	377	129.9304072	-51.8590449	269.3450032
m	22.9317972	250	22.9317972	250	84.8208169	-25.1591903	229.1639506
o	15.7991588	150	15.7991588	150	206.0891972	-38.7697974	314.1048593
o	22.9093019	273	22.5340607	209	353.8700644	52.6234885	111.4098675
o	27.4724684	360	27.4724684	360	244.6830589	-57.9140854	327.7309822
o	4.0532002	18	4.8402915	16	190.5411008	-61.6548738	301.8311951
o	32.8200037	828	27.9376427	643	102.9374573	0.4620692	212.5562426

o	4.2449690	47	6.3726076	21	224.9411919	-50.6959026	322.7532350
o	11.5501105	76	12.4956566	61	305.6988849	64.2632186	98.4421400
m	13.5859368	144	13.5859368	144	22.9261731	43.7257909	130.5885395
o	6.7867505	53	8.4961917	35	201.1503369	-49.9270080	308.3900218
m	5.4886695	156	5.9479680	140	307.3753618	42.3936440	80.6829373
o	10.1583036	90	11.1001909	85	239.7905012	-50.4183432	330.6924615
o	16.9319047	156	17.1260981	155	273.2101894	-18.3260981	12.2984093
o	13.9738849	88	13.9738849	88	341.3275667	75.1553141	114.9854082
o	10.0000604	39	10.0000604	39	153.8667609	-49.4001527	278.6196385
o	25.9521590	286	25.9521590	286	96.9775450	-4.7717008	214.5191223
o	16.9319047	156	17.1260981	155	273.2101894	-18.3260981	12.2984093
o	99.0000000	1427	99.0000000	961	268.4760553	-34.8283301	355.8359378
o	99.0000000	1095	99.0000000	589	40.5481756	42.7220782	143.6944550
o	6.2335662	40	6.6185371	28	245.1274719	-21.6728313	354.2711013
o	6.5723944	50	7.8696272	41	84.4427477	31.0025907	177.3475689
o	14.6807627	138	15.6707941	126	82.1913561	34.3361242	173.5198997
o	7.0947383	53	7.6195001	51	81.4748193	29.2279727	177.4300166
o	99.0000000	3784	37.0556537	1651	119.5214987	-60.7929045	273.8533579
o	9.5009826	57	10.0717266	55	87.5724439	34.2278355	175.9774627
o	14.8348800	143	14.9392298	139	57.6435703	35.0748714	159.5311261
o	10.1910751	56	10.5346110	53	357.9591422	-18.7854153	61.1407268
o	99.0000000	1721	99.0000000	1014	56.6797832	24.1084545	166.5249552
o	22.6096097	267	23.4364925	255	211.8166135	-48.3027957	315.7287122
o	9.5009826	57	10.0717266	55	87.5724439	34.2278355	175.9774627
o	15.0022118	103	15.1303588	101	87.4302923	27.0132342	182.1140250
o	15.0022118	103	15.1303588	101	87.4302923	27.0132342	182.1140250
o	14.6807627	138	15.6707941	126	82.1913561	34.3361242	173.5198997
o	99.0000000	1129	27.8898661	510	114.1690869	-14.4926546	230.9772471
o	11.5747942	86	12.5775989	74	100.0494367	-50.5432683	259.6063292
o	99.0000000	717	29.8170760	447	102.0899494	41.0939708	174.8917381
o	19.9302630	232	20.0894878	226	100.3935125	-5.8078888	216.9915196
o	7.6007113	30	7.9764610	29	61.9730520	53.1064376	149.9264680
o	4.3160792	33	4.9690062	31	58.0445660	52.4836528	148.5326713
o	17.6839957	165	18.1799695	160	75.8849709	52.9224611	155.7002341
o	7.1039641	69	8.1595319	61	94.9972553	1.9226220	207.6115545
o	8.6999155	81	11.1704886	53	96.8923000	17.1889553	194.9551844
o	20.5010462	173	20.5010462	173	80.0287490	39.3288354	168.4188574
o	36.8114238	837	33.6869692	620	169.9173909	-63.4836311	292.9008496
o	5.1427481	25	5.7627400	19	87.3090000	17.9455967	189.8539950
o	19.1816107	171	17.8484245	116	336.9811176	52.3197957	101.8695280
o	11.8672284	59	11.8722516	58	94.8313943	18.5338363	192.8477081
o	19.7609738	191	18.3496148	164	91.0812320	22.0306142	188.0898274
o	3.5515562	77	3.5515562	77	101.3540742	20.7899176	193.6421032
o	14.0781274	90	12.1576474	65	72.5701942	52.2642234	154.9667050
o	8.0661886	38	8.0661886	38	94.9358855	22.1147342	189.7317705
o	12.9815468	84	13.6236088	80	101.9875115	7.6637340	205.7103813
o	6.6147843	59	6.9998013	53	87.5261722	26.1365860	182.9103542
o	7.6177030	32	8.4817323	30	330.9587199	48.1926661	96.3470644
o	29.8574562	463	27.4916290	411	63.9055698	51.1949611	152.0977148
o	11.4691538	116	11.7758761	110	315.4368713	29.6514522	74.6839405
o	19.0207014	182	19.0207014	182	91.9319684	-6.3958814	213.7093812

o	18.4203685	150	18.8254055	148	91.7011063	-2.0424517	209.6357804
o	12.5284113	95	13.5069916	91	22.6631553	62.4131852	127.4545136
o	5.7773969	51	8.0955486	39	93.6712231	17.3976228	193.3236488
o	4.2487091	110	7.7579928	88	92.2771810	4.6904498	203.8710557
o	4.2487091	110	7.7579928	88	92.2771810	4.6904498	203.8710557
o	5.5841276	36	6.2083876	30	73.7668180	23.1691982	178.3419169
o	29.8574562	463	27.4916290	411	63.9055698	51.1949611	152.0977148
o	10.1133122	71	10.3335943	70	302.3220121	35.4639032	72.7443041
o	11.5899984	63	11.6956369	60	325.5669659	37.5810087	86.4629823
o	11.1457193	67	11.1457193	67	81.0086122	34.0499541	173.2108127
o	13.6820009	95	13.7631606	94	100.0217539	-3.6177486	214.8641742
o	7.0588239	126	8.8824100	110	99.1423187	17.1645649	195.9650776
o	5.2560516	81	8.2953638	48	71.2334061	41.5193363	162.5931462
o	4.0194153	74	7.5321518	56	329.5967767	46.0477056	94.2972525
o	6.4106750	55	9.1863563	40	303.2082627	35.9017131	73.5048242
o	4.5134500	89	8.0230276	40	66.2225871	44.3090568	158.0523579
o	5.2560516	81	8.2953638	48	71.2334061	41.5193363	162.5931462
o	28.8005127	393	28.8005127	393	298.0540043	29.3951566	65.6886355
o	5.3758880	47	6.3629663	41	85.4333983	27.5003331	180.7736793
o	15.0131727	169	18.1826430	151	105.5864104	-1.8509488	215.8236082
o	19.4170691	157	19.5167808	155	72.4205974	41.7142971	163.0181692
o	6.8659268	51	8.5454074	41	339.2145801	57.4839604	105.6036115
o	20.9346732	403	20.9346732	403	34.7655055	57.1401124	134.6361868
o	14.9948950	143	15.5563237	126	343.0499890	58.2919677	107.7833672
o	10.9836208	148	12.9511449	110	28.5425983	62.3660620	130.1346993
o	17.7565723	140	18.1126845	136	8.2684184	61.8543913	120.7677695
o	13.4325906	107	13.6674229	99	327.7203029	51.3760112	96.6535549
o	23.4053657	286	24.1908179	272	26.0864628	60.6722067	129.3690251
o	12.9454906	107	14.3798623	99	300.3226919	33.6130172	70.2984305
o	11.6494325	57	11.6494325	57	19.3530399	61.2915952	126.0469431
o	6.3678090	32	6.5700924	24	29.1747034	60.7734963	130.8171362
o	7.8944676	271	10.8134768	226	67.8566182	44.3984325	158.7963948
o	3.7424917	22	4.9823499	17	8.0803077	59.6724412	120.5172457
o	14.9687920	114	16.4506176	102	52.7656388	52.6110129	145.8917900
o	15.3404651	126	15.7372614	124	243.2143253	-52.3969894	330.9598340
o	8.3413376	45	8.9844175	43	303.7420594	41.1904603	78.1484445
o	7.8861723	25	7.8861723	25	91.5257458	37.3793365	174.8051282
o	5.8439548	137	7.3128194	34	102.7152721	1.5264158	211.5076454
o	10.9554894	109	11.2531389	91	101.5422682	3.3800726	209.3234567
o	17.7612293	125	17.7612293	125	99.2952556	6.0502406	205.9245266
o	7.7990236	86	8.7550445	75	100.0058833	13.3111037	199.7857658
o	12.3410604	67	12.3410604	67	94.6866761	15.2844404	195.6459807
o	4.8034094	92	8.1684553	58	96.3934249	17.7088071	194.2730958
o	5.6602793	58	6.5268038	27	299.8420667	30.0626973	67.0644188
o	9.3242538	86	10.5607805	72	303.6320902	34.7889306	72.7685604
o	8.4099515	60	8.9537658	58	68.9611172	47.1369054	157.3084642
o	3.3696839	24	4.7631743	19	7.5032902	62.8340280	120.4892716
o	3.3696839	24	4.7631743	19	7.5032902	62.8340280	120.4892716
o	15.3404651	126	15.7372614	124	243.2143253	-52.3969894	330.9598340
o	27.7610911	384	28.1609495	375	287.1809762	4.7111286	39.0966092
o	33.2643540	528	32.0713859	432	292.6463481	20.2583368	55.3229280

o	7.9043343	45	8.3744299	41	281.5700763	-24.3503278	10.4838669
o	8.9144209	49	9.6733815	43	357.1723142	36.2292495	109.0135106
o	31.6395152	442	20.1470028	196	29.1600657	37.7927183	136.9070402
o	37.5451337	718	27.9994888	397	279.6274683	5.4370895	36.3139372
o	22.5666728	288	19.0607515	204	76.1748967	23.8125587	179.1586717
o	6.0050225	20	6.0481514	19	93.0879491	14.5345732	195.5692817
o	4.5289610	18	4.5289610	18	53.2439744	51.5605708	146.7375244
o	10.3649221	129	11.3619504	95	92.5575344	12.8307652	196.8175735
o	4.8897609	16	4.8897609	16	81.9539010	32.6618485	174.8034026
o	8.4576185	48	8.4576185	48	123.2736798	-22.0058403	241.8962404
o	12.7381783	161	14.6965971	145	186.4501193	-65.8834655	300.3137131
o	99.0000000	786	31.9863924	540	253.8775863	-39.4656596	345.4604515

b	ang_radius_50	ang_radius_c	ang_radius_t	ang_radius_total	radius_50_pc
-2.4133761	0.0475	0.0378	0.2091	0.4630	1.8400
0.4416624	0.0983	0.0701	0.4773	0.5585	2.6948
-2.4133761	0.0475	0.0378	0.2091	0.4630	1.8400
-1.9240617	0.1570	0.1090	0.7817	0.8774	2.5877
-0.7517697	0.2467	0.1815	1.1639	5.1674	1.9457
-5.4013587	0.2344	0.2262	0.8811	0.8811	3.8376
1.3119156	0.0951	0.0957	0.3466	0.5444	2.3949
-4.4372871	0.2703	0.2065	1.2323	2.3842	3.0424
-2.4133761	0.0475	0.0378	0.2091	0.4630	1.8400
0.2662496	0.0319	0.0217	0.1618	0.4077	3.8888
-2.7740759	0.0631	0.0984	0.1789	0.4890	2.4598
-2.0734397	0.1043	0.1144	0.3582	0.4508	2.5767
0.2444323	0.3741	0.5218	1.1166	1.3050	5.9187
-5.1598374	0.2380	0.5532	0.5930	0.7859	3.5098
11.1933913	0.1385	0.1214	0.5613	0.5613	2.8183
12.8374559	7.5703	16.2050	16.2050	16.2050	43.5083
0.3112925	0.0694	0.0590	0.2887	0.7367	1.8220
-19.5478034	0.2152	0.1935	0.8542	2.5587	1.4743
0.4427048	0.3446	0.4252	1.0990	1.0990	5.2640
-0.1873439	0.2563	0.2656	0.9145	0.9145	4.3899
4.0667774	0.2280	0.4561	0.4561	1.4089	3.5193
-7.8654244	0.7666	1.5488	1.5488	1.7327	8.2297
0.4099795	0.1431	0.1119	0.6386	0.8336	2.9572
0.8350621	0.1789	0.3471	0.4679	0.6886	5.9715
0.2691610	0.1984	0.1212	1.1203	1.2070	3.4485
2.5604707	0.3304	0.6554	0.8582	0.8582	10.5585
1.2533486	0.0638	0.0735	0.2120	0.2120	3.0121
-2.6212444	0.0675	0.1327	0.1758	0.4315	2.5313
1.1599107	0.0811	0.0715	0.3268	0.5566	2.1981
1.1599107	0.0811	0.0715	0.3268	0.5566	2.1981
-2.9496096	0.1294	0.1785	0.3883	0.4548	3.2643
0.4293466	0.0313	0.0137	0.2503	0.2856	1.8539
-5.5721379	0.4012	0.3614	1.5910	1.5910	3.9476
-5.5286813	1.2223	1.7424	3.6094	5.4019	9.3370
-21.9797914	4.4874	9.4940	11.4459	11.4459	24.8979
23.3971619	6.5705	6.3662	24.6237	24.6237	17.8116
-0.7694029	0.0697	0.0577	0.2968	0.3838	2.2757
12.6758596	0.2881	0.2381	1.2261	2.5951	3.5770
-33.7544040	2.5710	5.3864	5.3864	6.1161	7.2517
-0.7086510	0.0906	0.1109	0.2900	0.2900	2.3264
-2.2494399	0.9525	0.8010	3.9955	9.4053	4.9192
-7.0735798	0.8566	1.4129	1.4129	3.0620	5.7336
-7.7334332	3.1450	6.2807	6.2807	7.0614	17.7820
-6.3893032	1.3898	1.2425	5.5439	11.4170	4.2113
2.8025780	0.7467	0.9621	2.3239	2.3239	6.9212
11.0797626	1.5712	3.5071	3.5071	3.5071	11.2898
-4.3332659	1.4421	1.0985	6.5925	6.5925	14.2581
13.3989972	2.1680	2.3444	7.5138	7.5138	6.8221
50.8573701	9.3650	8.3880	37.3015	42.4862	15.8251
-24.7106309	8.1682	15.0427	21.7235	21.7235	21.4223

-6.3893032	1.3898	1.2425	5.5439	11.4170	4.2113
-2.2494399	0.9525	0.8010	3.9955	9.4053	4.9192
-6.7260748	0.2332	0.4852	0.5975	0.8622	22.5738
-1.4808140	0.1216	0.1974	0.1974	0.3383	3.5262
-0.3691281	0.1063	0.1940	0.2837	0.6605	5.7300
-1.9649849	0.1096	0.1986	0.2930	0.5133	2.8047
15.1141451	1.0718	2.4766	2.4766	4.1293	8.5233
-0.8426215	0.2489	0.4599	0.4599	0.9258	3.6515
0.6512364	0.5599	1.3569	1.3824	1.6431	10.1981
-1.4445567	0.5984	1.0767	1.0767	2.5163	6.8319
50.8573701	9.3650	8.3880	37.3015	42.4862	15.8251
-3.2705305	1.3278	0.8557	7.1048	9.6292	6.5383
-6.7898634	1.5503	1.9500	4.8907	6.2879	6.4440
-6.8173101	0.7721	0.4798	4.2841	5.6203	4.9534
-2.2494399	0.9525	0.8010	3.9955	9.4053	4.9192
2.2161108	0.5368	0.6723	1.6976	5.1881	3.7710
2.8025780	0.7467	0.9621	2.3239	2.3239	6.9212
8.3567225	0.4623	0.4203	1.8199	3.3027	3.1432
-2.6488257	0.3937	0.3026	1.7856	1.7856	4.4146
-12.4189638	0.1640	0.3999	0.3999	0.8423	2.3066
-13.9658113	0.5476	0.2464	4.2637	5.1068	5.2070
-3.2705305	1.3278	0.8557	7.1048	9.6292	6.5383
-1.3805248	1.2535	2.3644	3.3076	3.7659	12.2372
4.9092484	0.9906	0.8410	4.1219	13.9954	3.0061
-17.1228660	0.3328	0.1861	2.0546	2.0546	2.2438
-20.3296496	0.9745	1.4912	2.7842	4.0160	11.4944
0.7628778	1.7616	2.1850	5.6019	5.6019	16.0257
-6.8616276	0.9214	1.5027	2.5628	3.0063	8.7646
-12.9630795	0.9861	0.5823	5.7584	5.7584	7.7932
0.1111752	0.1519	0.1911	0.4791	0.6460	3.6917
-7.7334332	3.1450	6.2807	6.2807	7.0614	17.7820
11.8255265	1.5409	3.0841	3.0841	3.0841	8.5198
-9.5760721	0.2482	0.2143	1.0186	2.4544	2.9804
-8.5406815	0.5046	0.2319	3.8416	4.7774	3.7974
-16.0314055	0.5116	0.3928	2.3225	3.5962	2.4854
-10.7185424	1.3071	2.5102	3.4293	3.6806	11.0555
0.7628778	1.7616	2.1850	5.6019	5.6019	16.0257
-45.0632244	3.4923	3.4386	12.9319	12.9319	17.3154
21.4291809	1.7047	1.9218	5.7477	7.4894	11.3574
-10.0763195	1.0112	2.1192	2.1192	2.1192	11.1029
1.5570730	0.3968	0.4060	1.4289	1.6722	4.0489
-9.2581685	0.3918	0.4746	1.2633	1.8150	4.8111
-2.9187397	0.0904	0.0519	0.5440	0.6362	1.4765
-4.6906184	0.8872	1.7627	1.7627	2.0198	9.0186
-15.8720507	0.4457	0.3686	1.8961	6.9496	3.1665
-41.3740598	3.3251	5.4328	5.4328	10.7239	19.9974
3.5818342	1.1624	2.5121	2.5121	3.6536	14.4690
-2.3447337	2.9500	6.0755	7.5803	14.6109	7.6177
-17.7940288	0.1695	0.0654	1.5641	3.9237	0.9256
-2.7304113	0.5502	1.3513	1.3513	2.3103	8.8952
-23.2907074	2.6322	2.4982	10.0197	12.9633	6.6164

-22.6294313	2.8265	6.5925	6.5925	11.5251	15.0574
-28.8102217	4.4220	7.5953	7.5953	17.1395	11.2750
31.0080855	1.2989	3.1835	3.1835	3.1835	8.5909
-13.9831783	1.5861	1.7277	5.4700	5.4700	15.4150
-2.2494399	0.9525	0.8010	3.9955	9.4053	4.9192
-4.5277932	0.6756	0.6771	2.4693	4.8620	3.2544
1.8767564	2.1045	2.7049	6.5588	6.5588	5.7577
-0.5798182	0.0394	0.0321	0.1697	0.3951	2.8352
16.9003608	0.3415	0.2931	1.4085	5.3332	3.0335
-6.7830525	0.7026	0.5884	2.9571	11.8314	1.8417
-79.1273215	0.5844	0.7368	1.8410	12.4977	2.3907
3.1453805	0.2535	0.2481	0.9430	3.1653	2.0718
-21.1319135	0.5342	0.4601	2.1967	12.9602	3.7727
10.6893606	6.6146	7.6977	21.8572	21.8572	24.8973
4.7651734	2.3069	1.0946	16.9565	19.1219	20.2906
31.5140744	4.3517	6.5202	12.5522	20.5213	13.1588
-15.8720507	0.4457	0.3686	1.8961	6.9496	3.1665
-1.9434340	0.4339	0.7288	1.1931	3.2867	2.5590
-3.0594167	0.7107	1.5493	1.5493	1.9030	9.2894
9.3107285	1.0961	1.1804	3.8094	5.0688	8.9672
60.8278005	8.1301	14.1284	22.0675	31.6541	3.5835
-21.1319135	0.5342	0.4601	2.1967	12.9602	3.7727
83.8515446	2.5112	2.4743	9.2940	35.7579	3.7388
-21.5716129	1.9834	2.5521	6.1772	6.1772	13.9090
-2.6643427	0.5499	1.2985	1.2985	2.3239	5.2709
6.1812070	0.0631	0.0610	0.2372	0.5711	2.4331
-22.2202846	4.2092	10.3512	10.3512	49.3997	3.4731
-5.8376505	0.1316	0.2499	0.3465	1.2131	3.1787
9.6455370	0.8174	0.9095	2.7797	2.7797	4.4741
-0.9059201	0.3584	0.8518	0.8518	1.7445	4.3942
-1.9866683	0.0822	0.0534	0.4366	0.9467	1.8962
-6.7830525	0.7026	0.5884	2.9571	11.8314	1.8417
-1.4616824	0.4096	0.5740	1.2197	1.2197	16.0776
-3.7745519	0.2895	0.1762	1.6401	1.8710	4.9856
-45.0632244	3.4923	3.4386	12.9319	12.9319	17.3154
12.1240430	1.9081	3.9990	3.9990	4.9753	8.2959
1.5525133	0.1040	0.1226	0.3411	0.3881	2.6965
1.0737191	0.3309	0.5756	0.5756	1.8623	4.4141
-1.5931024	0.3668	0.6650	0.6650	1.1295	2.9596
2.0765049	0.1097	0.1737	0.3089	0.3089	1.3528
-2.5836078	0.2354	0.3843	0.3843	0.9557	4.4836
12.0394371	0.1699	0.3067	0.3067	0.9558	2.7114
-0.7714739	0.5184	1.2338	1.2338	2.2059	4.8664
-5.5970213	0.2166	0.2337	0.7518	1.8256	3.2670
2.2347265	0.2304	0.2654	0.7664	2.2514	3.3724
-0.7694029	0.0697	0.0577	0.2968	0.3838	2.2757
2.1404125	0.0664	0.0500	0.3066	0.5971	1.8499
7.6540075	0.1104	0.0441	0.9797	0.9797	1.9727
-1.6839183	0.0341	0.0239	0.1678	0.2852	1.7217
-4.4372871	0.2703	0.2065	1.2323	2.3842	3.0424
10.7769562	6.1861	12.3592	12.3592	12.5627	11.8119

3.0716610	0.2654	0.3148	0.8665	1.1641	4.9842
5.0306552	0.0783	0.0658	0.3285	0.5814	5.4984
2.7034290	0.1920	0.3587	0.3587	0.6081	2.7475
-20.4507241	0.0964	0.0592	0.5411	0.8794	0.4886
2.7783590	0.3385	0.6702	0.8799	0.8799	5.9241
6.3192811	0.1989	0.1455	0.9429	1.3711	3.2193
3.4376939	1.7498	1.8272	6.2118	8.0509	5.6596
1.1599107	0.0811	0.0715	0.3268	0.5566	2.1981
-6.1716685	0.4612	0.3404	2.1705	17.6541	3.3186
1.2466772	1.6171	3.7937	4.0208	6.7250	14.8180
-0.3075381	0.3511	0.1557	2.7781	2.7781	5.2240
-8.2187249	0.8971	1.8815	1.8815	3.2500	9.3513
-3.3530856	0.3434	0.5217	0.9843	10.0926	4.0396
-5.8752810	0.2492	0.1688	1.2706	1.7144	3.3055
0.0190633	0.2970	0.3122	1.0495	1.0495	3.3747
2.2970600	0.2912	0.4081	0.8671	0.8671	4.6435
1.4143021	0.1852	0.4528	0.4528	0.6612	4.7371
5.6035618	8.5031	10.5403	27.0497	27.0497	26.2449
-9.3046692	0.9537	2.2722	2.2722	2.8168	10.6118
-0.2322370	2.9988	6.2989	6.2989	6.2989	16.8250
-10.4293929	0.2663	0.4210	0.7502	1.9821	3.3233
69.5146693	1.2872	2.7021	3.2901	4.3130	6.8841
4.0661386	0.5799	1.0163	1.0163	1.0960	36.5273
-2.7997016	0.2206	0.2480	0.7448	0.9580	4.0863
7.0286380	0.7879	1.3937	2.1250	2.1250	9.6316
4.7317250	0.2382	0.3559	0.6881	0.6881	3.3027
4.8703576	0.1367	0.1547	0.4597	0.4597	4.5575
-10.5878626	0.5022	0.6452	1.5653	2.4573	5.2084
-3.7745519	0.2895	0.1762	1.6401	1.8710	4.9856
2.2347265	0.2304	0.2654	0.7664	2.2514	3.3724
-15.8720507	0.4457	0.3686	1.8961	6.9496	3.1665
-7.5548479	0.7881	1.4442	1.4442	1.4442	15.8009
2.4995819	0.0610	0.0333	0.3872	0.5378	2.1069
-20.4362475	3.0122	6.1640	6.1640	6.1640	20.8257
24.6267202	1.3025	0.9663	6.0989	6.0989	4.4216
-6.2279418	2.3045	4.7348	5.9257	5.9257	14.5524
0.0621926	0.2438	0.2050	1.0229	1.8515	4.4101
1.0760936	0.0699	0.0552	0.3096	1.1819	1.3731
2.3839327	0.9444	2.3113	2.3113	3.1263	8.6749
-4.8527956	1.1220	1.2876	3.7400	13.2983	2.9485
-7.4919757	1.0689	2.2882	2.2882	4.2808	10.2249
-1.9740159	0.3642	0.2979	1.5641	2.2715	2.4905
-6.6692846	0.5761	0.5027	2.3438	3.1019	5.6049
2.2338092	3.3505	4.7929	9.8768	9.8768	26.6524
-6.2279418	2.3045	4.7348	5.9257	5.9257	14.5524
-26.3147281	5.1383	5.9457	17.0397	17.0397	36.2466
22.9511253	0.6780	0.9449	2.0245	2.0245	7.8589
-8.5406815	0.5046	0.2319	3.8416	4.7774	3.7974
-5.4013587	0.2344	0.2262	0.8811	0.8811	3.8376
1.1970526	1.0029	1.6789	1.6789	2.4467	9.2302
0.2800934	0.1745	0.1929	0.5960	1.1011	2.5574

7.1705448	0.6941	1.1474	1.1474	3.5488	9.1143
15.1141451	1.0718	2.4766	2.4766	4.1293	8.5233
-18.5465081	2.4166	2.5200	8.5869	8.5869	21.1698
12.5929567	0.2132	0.3726	0.3726	1.3260	3.2844
1.9883905	2.5230	2.4092	9.5600	12.8411	20.1011
2.0523242	0.5014	0.5479	1.7257	4.1312	4.3762
-0.1009288	0.9016	0.8279	3.5211	4.6806	8.6929
14.2655738	0.3804	0.2881	1.7479	1.7479	2.2547
5.9659324	1.9678	3.2097	5.4731	5.4731	9.4283
-7.4014200	0.5250	0.2998	3.1726	3.1726	2.9142
-0.1009288	0.9016	0.8279	3.5211	4.6806	8.6929
-4.5277932	0.6756	0.6771	2.4693	4.8620	3.2544
-15.6404790	0.3039	0.2414	1.3390	3.1075	2.5976
19.7395629	0.7001	1.4188	1.4188	1.8694	1.6210
-0.3516191	0.8933	2.0876	2.2231	3.6073	10.0826
-0.1254997	0.1821	0.1669	0.7118	1.6733	3.8824
-3.4712558	0.5382	1.0891	1.3899	1.6613	7.6147
-15.8720507	0.4457	0.3686	1.8961	6.9496	3.1665
3.5818342	1.1624	2.5121	2.5121	3.6536	14.4690
-14.7701215	0.6100	1.3939	1.5259	2.0134	4.1132
-73.9634131	3.0912	3.0630	11.3936	16.3904	5.3664
-23.5703531	1.1456	0.9868	4.7101	14.7807	2.6963
12.6758596	0.2881	0.2381	1.2261	2.5951	3.5770
3.5818342	1.1624	2.5121	2.5121	3.6536	14.4690
-0.2200436	0.2107	0.1800	0.8722	1.0355	3.3671
-0.2200436	0.2107	0.1800	0.8722	1.0355	3.3671
-0.1254997	0.1821	0.1669	0.7118	1.6733	3.8824
3.1453805	0.2535	0.2481	0.9430	3.1653	2.0718
-22.3209767	1.1721	1.1224	4.4318	7.2726	9.6707
16.9003608	0.3415	0.2931	1.4085	5.3332	3.0335
-4.8322369	0.1851	0.2779	0.5333	0.6836	3.6618
0.8566202	0.0701	0.1144	0.1950	0.2945	3.5864
-1.1648462	0.0970	0.2050	0.2050	0.2664	3.6103
6.9156732	0.2247	0.3426	0.6430	1.3944	3.5928
-6.1064524	0.2512	0.4337	0.6836	0.9928	10.0227
2.6574456	0.0586	0.0793	0.1778	0.5083	4.3639
1.2533486	0.0638	0.0735	0.2120	0.2120	3.0121
-2.4133761	0.0475	0.0378	0.2091	0.4630	1.8400
-4.9618143	0.0840	0.1481	0.1481	0.3100	2.8425
-4.5833060	0.0537	0.0443	0.2289	0.2898	2.2808
1.5525133	0.1040	0.1226	0.3411	0.3881	2.6965
0.1510848	0.0739	0.0782	0.2598	0.3253	3.5723
8.0472282	1.1076	1.3764	3.5185	3.5185	14.2542
4.9270362	0.8831	0.8729	3.2606	4.3629	4.5893
3.3250031	0.1130	0.1630	0.3318	0.3318	3.3363
2.7160667	0.1718	0.2392	0.5132	0.5554	4.0719
-0.5965529	0.4561	0.8121	0.8121	1.5592	8.7976
-5.8371828	0.1449	0.2545	0.2545	0.4213	5.4513
0.2691610	0.1984	0.1212	1.1203	1.2070	3.4485
-11.0033867	0.4732	0.5898	1.5005	1.8223	6.9421
-12.6184594	0.1631	0.1268	0.7323	0.7323	2.3541

-10.8578918	0.3021	0.2189	1.4458	1.8779	2.9728
-0.1137180	0.0955	0.1371	0.2809	0.3988	4.5046
0.0417516	0.6937	1.1800	1.1800	3.2130	7.1738
-7.2159811	0.2433	0.5970	0.5992	0.9869	8.9273
-7.2159811	0.2433	0.5970	0.5992	0.9869	8.9273
-12.6166033	0.2628	0.4770	0.4770	0.8268	5.7749
0.2691610	0.1984	0.1212	1.1203	1.2070	3.4485
1.3199051	0.1139	0.2356	0.2356	0.2693	3.4378
-11.5534977	0.2722	0.4572	0.7484	0.9959	3.9477
-1.0968068	0.0984	0.1664	0.2699	0.2699	4.0429
-4.1717011	0.1336	0.1731	0.4143	0.4514	4.4564
4.5563518	0.1722	0.3902	0.4317	0.7241	11.3785
-2.7032769	0.1155	0.2036	0.2036	0.5092	5.9813
-6.9817502	0.2413	0.3876	0.6754	1.1965	9.8951
0.9569835	0.0645	0.1020	0.1020	0.3164	4.1313
-3.5272407	0.0627	0.1268	0.1268	0.8181	3.1078
-2.7032769	0.1155	0.2036	0.2036	0.5092	5.9813
1.1791611	0.0574	0.0454	0.2540	0.2540	3.2914
-1.4819138	0.1367	0.3192	0.3192	0.4608	3.0673
1.5811002	0.0914	0.1003	0.3136	0.9451	5.3263
-1.8999177	0.2234	0.1300	1.3244	1.4267	3.9561
-0.7882995	0.0624	0.1053	0.1712	0.4612	3.1051
-3.7270049	0.0745	0.1346	0.1996	0.1996	2.9659
-1.0287057	0.0434	0.0468	0.1508	0.2747	2.1884
0.3748321	0.0643	0.0696	0.2229	0.6040	2.9894
-0.9401652	0.0723	0.0901	0.2295	0.2749	4.0059
-2.0416957	0.0932	0.2168	0.2321	0.3086	3.0045
-1.5365912	0.0648	0.0571	0.2617	0.4101	3.3565
1.7192011	0.0352	0.0340	0.1322	0.4444	2.0107
-1.4229564	0.0667	0.1079	0.1860	0.1860	3.2876
-1.0952314	0.1036	0.1847	0.2787	0.4312	2.2285
-2.6210966	0.3391	0.6764	0.6764	1.2195	16.2685
-3.1096491	0.2437	0.3545	0.3545	0.6168	6.5836
-2.9957402	0.0678	0.0619	0.2655	0.5930	2.8435
-0.8461850	0.0379	0.0307	0.1636	0.1825	1.5516
3.5295820	0.0797	0.1732	0.1732	0.3457	2.3808
7.9227994	0.1678	0.2868	0.4582	0.4582	3.7263
0.5676521	0.0351	0.0758	0.0758	0.5672	2.5467
0.3702087	0.3962	0.8684	1.0012	1.5493	9.6644
-0.3987277	0.1000	0.0938	0.3840	0.3840	2.4936
3.5470464	0.0494	0.0579	0.1625	0.4720	3.7609
-0.1055592	0.1346	0.3256	0.3256	0.3256	9.2676
2.4773570	0.0463	0.0830	0.1245	0.5636	2.5495
0.1973323	0.0358	0.0294	0.1534	0.3134	3.1538
0.0537903	0.1371	0.3009	0.3009	0.6569	5.9747
-0.1962046	0.1451	0.2650	0.2650	0.3653	7.1284
0.0639367	0.0345	0.0215	0.1906	0.4343	2.3284
0.0639367	0.0345	0.0215	0.1906	0.4343	2.3284
-0.8461850	0.0379	0.0307	0.1636	0.1825	1.5516
-1.6839183	0.0341	0.0239	0.1678	0.2852	1.7217
0.9145266	0.0488	0.0395	0.2115	0.2604	2.3600

-9.7740716	1.0179	2.3283	2.3283	3.9073	9.3122
-24.9407918	1.3275	3.1400	3.1400	3.8807	8.2013
-23.3032171	0.3983	0.3477	1.6197	10.8220	3.0144
5.3452458	0.4251	0.4179	1.5762	3.2459	3.4632
-10.4600082	0.1159	0.0930	0.5063	0.7334	1.7350
-1.8211043	0.0717	0.1052	0.2090	0.2315	2.8007
-3.6863768	0.0492	0.0362	0.2320	0.2320	2.3183
-3.0912342	0.1994	0.3447	0.3447	0.7290	11.8060
-1.2187968	0.0706	0.1127	0.1980	0.1980	1.8716
6.7165600	0.3117	0.4902	0.8801	0.8801	5.8442
-3.1421325	1.0062	1.6837	2.7703	4.8317	7.2410
2.4691006	0.1027	0.0891	0.4202	0.7531	2.2220

radius_c_pc	radius_t_pc	radius_total_pc	pmra	pmra_std	pmra_error	pmdec	pmdec_std
1.4639	8.0916	17.9189	-6.7709	0.1088	0.0044	2.1751	0.1028
1.9225	13.0864	15.3111	-1.8953	0.1383	0.0044	-1.1906	0.1367
1.4639	8.0916	17.9189	-6.7709	0.1088	0.0044	2.1751	0.1028
1.7971	12.8887	14.4668	0.3799	0.1595	0.0128	-2.4603	0.2131
1.4315	9.1806	40.8644	-1.3684	0.2709	0.0117	-5.8471	0.2359
3.7035	14.4274	14.4274	-1.6013	0.2017	0.0106	-2.4271	0.1627
2.4100	8.7280	13.7091	0.9272	0.1066	0.0072	-0.7949	0.1154
2.3248	13.8728	26.8530	-1.6916	0.1880	0.0079	-6.1655	0.2181
1.4639	8.0916	17.9189	-6.7709	0.1088	0.0044	2.1751	0.1028
2.6497	19.7176	49.6924	-4.2064	0.0819	0.0064	2.7111	0.0756
3.8340	6.9716	19.0589	-1.5355	0.1267	0.0037	-4.1655	0.1297
2.8256	8.8472	11.1358	-1.7368	0.1521	0.0080	0.2527	0.1870
8.2561	17.6677	20.6495	-0.5292	0.1472	0.0212	-3.7673	0.2031
8.1584	8.7456	11.5900	0.5052	0.2115	0.0348	-1.7898	0.1349
2.4701	11.4236	11.4236	-0.3822	0.1660	0.0228	-3.6214	0.1342
95.1422	95.1422	95.1422	-7.9251	0.4984	0.0628	-9.6325	1.0311
1.5481	7.5736	19.3283	-0.1406	0.0945	0.0056	-3.4101	0.1024
1.3261	5.8534	17.5439	2.6707	0.3068	0.0390	-5.2383	0.1904
6.4962	16.7910	16.7910	2.8284	0.1947	0.0304	-1.1613	0.1717
4.5500	15.6656	15.6656	1.6125	0.1240	0.0163	-2.2812	0.1455
7.0389	7.0389	21.7469	1.0369	0.1725	0.0368	-1.7806	0.1403
16.6294	16.6294	18.6053	-0.8718	0.2866	0.0515	-5.7613	0.2874
2.3136	13.1983	17.2283	0.8267	0.0759	0.0196	-2.0895	0.0834
11.5844	15.6173	22.9823	-0.0643	0.1322	0.0104	-1.2684	0.1486
2.1061	19.4728	20.9789	2.1493	0.1414	0.0070	-2.3042	0.1344
20.9461	27.4289	27.4289	-0.1117	0.2051	0.0267	-2.2500	0.2712
3.4702	10.0173	10.0173	0.4698	0.0619	0.0047	-1.3844	0.0558
4.9774	6.5932	16.1827	-3.6249	0.0670	0.0150	-3.3445	0.0575
1.9397	8.8591	15.0916	-0.5758	0.1487	0.0059	-2.1837	0.1533
1.9397	8.8591	15.0916	-0.5758	0.1487	0.0059	-2.1837	0.1533
4.5030	9.7970	11.4772	-4.3441	0.1236	0.0121	5.2315	0.1654
0.8136	14.8490	16.9454	-4.0542	0.1126	0.0067	-4.1310	0.1151
3.5555	15.6572	15.6572	-2.4179	0.1985	0.0117	-6.4192	0.2025
13.3115	27.6034	41.3792	-10.5877	0.4394	0.0341	7.6075	0.5528
53.0550	64.2326	64.2326	6.2862	0.6041	0.0659	-3.7750	0.7851
17.2531	70.8762	70.8762	-42.0726	6.1712	0.4989	-2.1957	4.0337
1.8819	9.6880	12.5272	-2.5253	0.0751	0.0040	2.1679	0.0870
2.9568	15.2278	32.2476	-6.6520	0.2199	0.0138	-3.3985	0.1910
15.2277	15.2277	17.3053	-4.4911	0.6366	0.0808	-0.9345	0.9144
2.8498	7.4511	7.4511	-4.7083	0.0945	0.0067	-2.3502	0.0816
4.1367	20.6661	49.0090	-7.4004	0.4004	0.0238	-19.7040	0.4890
9.4589	9.4589	20.5139	0.3422	0.2128	0.0549	-4.0914	0.2477
35.6188	35.6188	40.0890	-11.3978	0.3835	0.0195	4.6586	0.3351
3.7648	16.8482	35.0537	22.9182	0.9219	0.0371	-25.4626	0.9476
8.9182	21.5504	21.5504	-5.7672	0.2578	0.0168	-1.0222	0.3443
25.2246	25.2246	25.2246	0.0670	0.4661	0.0433	-3.0194	0.5480
10.8606	65.4571	65.4571	1.1816	0.4838	0.0415	-5.0299	0.5590
7.3776	23.7684	23.7684	-15.0574	0.8017	0.1515	-8.1356	0.9294
14.1490	73.1029	87.8849	-16.1946	2.7828	0.1767	-3.6398	2.9160
40.1099	59.4638	59.4638	-2.6883	4.6584	0.2906	-5.6633	6.9210

3.7648	16.8482	35.0537	22.9182	0.9219	0.0371	-25.4626	0.9476
4.1367	20.6661	49.0090	-7.4004	0.4004	0.0238	-19.7040	0.4890
46.9711	57.8399	83.4689	0.2564	0.1114	0.0119	-0.1850	0.1585
5.7226	5.7226	9.8072	0.8150	0.1340	0.0346	-2.7078	0.0815
10.4516	15.2884	35.5884	0.5277	0.0877	0.0110	-1.8346	0.1351
5.0841	7.5000	13.1398	1.1177	0.0887	0.0138	-4.0199	0.0988
19.7048	19.7048	32.8905	4.0612	0.4924	0.0630	-0.0461	0.4332
6.7477	6.7477	13.5853	-1.3272	0.1263	0.0243	-3.7784	0.1205
24.7166	25.1816	29.9331	-0.1134	0.1165	0.0170	-5.7258	0.1300
12.2948	12.2948	28.7474	-16.2324	0.5678	0.0974	10.8919	0.3596
14.1490	73.1029	87.8849	-16.1946	2.7828	0.1767	-3.6398	2.9160
4.2133	35.1594	47.8587	-1.8081	0.4220	0.0224	-9.2289	0.7871
8.1065	20.3729	26.2353	0.7073	0.6931	0.1124	-7.5802	0.6291
3.0777	27.5323	36.1683	-9.4003	0.5929	0.0253	4.7444	0.2981
4.1367	20.6661	49.0090	-7.4004	0.4004	0.0238	-19.7040	0.4890
4.7227	11.9285	36.5441	6.0606	0.2259	0.0194	0.2184	0.2318
8.9182	21.5504	21.5504	-5.7672	0.2578	0.0168	-1.0222	0.3443
2.8575	12.3765	22.4785	1.2041	0.3228	0.0168	-1.8037	0.3188
3.3932	20.0264	20.0264	-1.7586	0.1590	0.0156	-4.7142	0.1563
5.6242	5.6242	11.8465	-0.3797	0.2228	0.0336	-5.1489	0.2063
2.3432	40.6190	48.6900	-7.6130	0.2928	0.0251	7.9636	0.3317
4.2133	35.1594	47.8587	-1.8081	0.4220	0.0224	-9.2289	0.7871
23.0912	32.3203	36.8105	-18.5908	0.5521	0.0547	11.2288	0.6860
2.5522	12.5295	43.3341	-11.8825	0.4990	0.0241	-21.3905	0.5630
1.2550	13.8594	13.8594	2.2911	0.2835	0.0389	-3.6660	0.2889
17.5921	32.8645	47.4442	-2.0463	0.2627	0.0283	6.1933	0.3457
19.8810	51.1089	51.1089	-11.7694	0.7060	0.0580	4.3428	0.3652
14.2960	24.3924	28.6205	1.5399	0.3114	0.0222	-0.1376	0.2066
4.6015	45.6595	45.6595	7.3681	0.3412	0.0175	-3.0816	0.2978
4.6440	11.6451	15.7004	0.6419	0.1826	0.0128	-3.7954	0.1895
35.6188	35.6188	40.0890	-11.3978	0.3835	0.0195	4.6586	0.3351
17.0643	17.0643	17.0643	-3.9194	0.3233	0.0572	2.8784	0.6295
2.5732	12.2306	29.4852	2.7597	0.1612	0.0191	-2.8926	0.1675
1.7447	28.9511	36.0328	8.5707	0.3112	0.0215	-1.9174	0.2665
1.9083	11.2879	17.4920	-14.0132	0.8072	0.1958	-10.4667	1.0357
21.2405	29.0347	31.1678	0.1082	0.4090	0.0351	-2.9958	0.6272
19.8810	51.1089	51.1089	-11.7694	0.7060	0.0580	4.3428	0.3652
17.0486	65.1491	65.1491	12.5896	1.5324	0.1022	0.6345	0.4262
12.8048	38.4113	50.1690	-8.2159	0.6819	0.0888	-5.3042	0.4543
23.2757	23.2757	23.2757	-2.5510	0.1821	0.0166	-1.3398	0.2248
4.1428	14.5837	17.0682	2.4647	0.1499	0.0129	1.0322	0.1661
5.8285	15.5157	22.2955	-1.4534	0.2690	0.0120	-5.8742	0.3300
0.8476	8.8803	10.3871	-1.0858	0.1709	0.0155	-1.6119	0.1534
17.9235	17.9235	20.5392	-6.4522	0.5895	0.0695	0.0273	0.2783
2.6187	13.4768	49.6209	-4.6336	0.4178	0.0103	11.2257	0.3575
32.7351	32.7351	65.1850	15.7984	1.1599	0.1029	1.2309	0.8021
31.2841	31.2841	45.5314	2.0511	0.1272	0.0172	-6.4193	0.1939
15.7337	19.6719	38.5349	25.0390	4.5396	0.7902	23.9428	4.5969
0.3570	8.5456	21.4653	4.4230	0.4350	0.0255	-6.3430	0.5177
21.8491	21.8491	37.3687	-0.6184	0.2059	0.0253	-4.3409	0.2857
6.2791	25.4282	33.1298	-0.9979	0.7983	0.1118	-2.6699	1.3251

35.2471	35.2471	62.1882	-6.2622	1.0949	0.0847	-0.2976	1.1356
19.4415	19.4415	44.9633	-29.7065	1.9591	0.3577	-14.3303	1.6773
21.0737	21.0737	21.0737	2.9650	0.5200	0.0983	-5.3107	0.5003
16.7920	53.3114	53.3114	-7.7743	0.3724	0.0283	7.8039	0.5202
4.1367	20.6661	49.0090	-7.4004	0.4004	0.0238	-19.7040	0.4890
3.2619	11.9017	23.4762	3.0800	0.4740	0.0153	-5.3659	0.4721
7.4022	18.0145	18.0145	13.3393	1.8732	0.2460	2.8319	0.6706
2.3125	12.2135	28.4426	0.2986	0.0956	0.0090	-1.2190	0.0958
2.6034	12.5137	47.5101	-2.9804	0.2197	0.0104	-8.2777	0.2064
1.5424	7.7585	31.4624	-24.7970	0.9043	0.0557	23.2672	0.7499
3.0144	7.5340	51.9534	18.7245	0.3634	0.0177	2.5926	0.3236
2.0275	7.7074	25.8963	-7.0690	0.2414	0.0107	1.0423	0.2220
3.2491	15.5201	93.1132	-1.1538	0.2445	0.0152	-1.9664	0.2096
29.0199	86.1232	86.1232	-4.0113	0.6130	0.0377	-7.5839	0.6560
9.6236	153.5721	174.6306	-3.9501	0.4616	0.0213	-1.5878	0.4076
19.7634	38.5004	64.7249	-17.0248	4.0748	0.5134	-21.2061	2.8109
2.6187	13.4768	49.6209	-4.6336	0.4178	0.0103	11.2257	0.3575
4.2981	7.0367	19.4031	-7.1375	0.1744	0.0225	10.1091	0.2079
20.2556	20.2556	24.8829	-7.9819	0.3303	0.0283	8.6667	0.2232
9.6572	31.2060	41.5703	-1.7363	0.2225	0.0246	-0.0862	0.4038
6.3140	10.1692	15.4648	113.3260	32.0830	7.7813	-7.3186	15.9072
3.2491	15.5201	93.1132	-1.1538	0.2445	0.0152	-1.9664	0.2096
3.6838	13.9513	61.3903	-12.1546	0.5913	0.0547	-8.8553	0.7376
17.9022	43.4701	43.4701	5.6398	0.6512	0.0558	-24.9045	0.7866
12.4484	12.4484	22.2874	-5.4962	0.2364	0.0439	4.3426	0.2799
2.3502	9.1408	22.0060	-6.5199	0.0858	0.0045	1.8805	0.0689
8.6195	8.6195	55.0577	104.1355	14.7813	0.7523	-28.7323	10.7860
6.0354	8.3691	29.3057	-2.4272	0.1508	0.0034	0.9077	0.1578
4.9781	15.2252	15.2252	-23.0874	0.9720	0.1146	6.5008	0.4644
10.4436	10.4436	21.3942	-7.3558	0.1785	0.0263	5.4061	0.2369
1.2312	10.0744	21.8453	-4.8858	0.1456	0.0108	4.6258	0.1793
1.5424	7.7585	31.4624	-24.7970	0.9043	0.0557	23.2672	0.7499
22.5297	47.8828	47.8828	-5.6853	0.0942	0.0059	0.0499	0.0859
3.0338	28.2478	32.2270	-7.3652	0.1772	0.0048	3.8230	0.1791
17.0486	65.1491	65.1491	12.5896	1.5324	0.1022	0.6345	0.4262
17.4086	17.4086	21.6780	9.3361	0.3641	0.1051	3.2021	0.5826
3.1771	8.8432	10.0607	-0.5586	0.0778	0.0102	-1.3390	0.0916
7.6775	7.6775	24.8490	2.1484	0.2649	0.0448	0.8977	0.3396
5.3665	5.3665	9.1154	6.0295	0.1885	0.0523	-1.5590	0.1680
2.1416	3.8091	3.8091	-2.3776	0.1818	0.0173	-3.7229	0.1608
7.3201	7.3201	18.2027	-0.2170	0.1655	0.0284	-3.1252	0.1674
4.8935	4.8935	15.2512	1.3457	0.1166	0.0292	-2.7300	0.1508
11.5844	11.5844	20.7180	2.2782	0.2541	0.0222	-2.1691	0.1882
3.5249	11.3398	27.5435	0.4418	0.1513	0.0080	-2.8917	0.1372
3.8841	11.2171	32.9662	2.2528	0.1920	0.0058	-2.8950	0.1869
1.8819	9.6880	12.5272	-2.5253	0.0751	0.0040	2.1679	0.0870
1.3939	8.5422	16.6371	1.6291	0.1347	0.0059	-0.2088	0.1274
0.7879	17.5090	17.5090	-0.6519	0.1965	0.0102	-0.8964	0.1785
1.2076	8.4840	14.4176	-1.5465	0.1262	0.0065	-3.6654	0.1325
2.3248	13.8728	26.8530	-1.6916	0.1880	0.0079	-6.1655	0.2181
23.8786	23.8786	24.2847	-35.2701	1.5055	0.1049	-11.9620	2.3498

5.9129	16.2770	21.8681	-0.5482	0.1153	0.0108	-1.8095	0.1282
4.6205	23.0800	40.8461	0.0405	0.0967	0.0101	-0.3860	0.0788
5.1329	5.1329	8.7014	-0.6302	0.1276	0.0368	-2.0465	0.1165
0.3001	2.7419	4.4563	6.8358	0.5727	0.1046	-9.7111	0.3273
11.7284	15.3987	15.3987	-2.5576	0.2670	0.0118	-6.3555	0.3123
2.3557	15.2660	22.2006	-8.1285	0.1751	0.0274	-2.5665	0.1070
5.9099	20.1641	26.2043	-24.5592	2.0919	0.1433	13.3009	0.6186
1.9397	8.8591	15.0916	-0.5758	0.1487	0.0059	-2.1837	0.1533
2.4488	15.6237	131.1953	-7.4367	0.3499	0.0186	-10.6961	0.2971
34.8048	36.8949	61.8912	-5.7629	0.2437	0.0266	-1.5037	0.1850
2.3163	41.3680	41.3680	0.1632	0.1409	0.0099	-4.1084	0.1644
19.6166	19.6166	33.9099	-6.4919	0.3928	0.0373	7.7164	0.2844
6.1374	11.5800	119.9724	-2.0003	0.1945	0.0131	-10.6095	0.1795
2.2390	16.8548	22.7444	-2.9513	0.1918	0.0093	-3.0339	0.1927
3.5471	11.9259	11.9259	-2.2399	0.2668	0.0169	-4.9865	0.3652
6.5080	13.8280	13.8280	0.9494	0.0998	0.0196	-3.1687	0.2115
11.5838	11.5838	16.9160	0.1314	0.0723	0.0132	-2.2941	0.0627
32.6630	89.6361	89.6361	26.0016	1.3737	0.1328	-7.7456	7.2181
25.2933	25.2933	31.3642	-4.1255	0.1558	0.0156	3.7273	0.1519
35.4514	35.4514	35.4514	13.6477	0.8485	0.0905	1.6128	0.8748
5.2539	9.3636	24.7463	-4.3687	0.1500	0.0062	-1.3620	0.1598
14.4598	17.6122	23.1063	-9.1932	0.8906	0.1150	-1.5817	0.7632
64.0194	64.0194	69.0433	-0.0512	0.0753	0.0094	-0.2283	0.0775
4.5957	13.7993	17.7509	-0.4944	0.1371	0.0214	-2.9925	0.1599
17.0393	25.9859	25.9859	0.3835	0.3525	0.0368	-2.9360	0.2351
4.9341	9.5396	9.5396	-5.1127	0.1987	0.0444	-1.2126	0.1188
5.1572	15.3303	15.3303	-1.8960	0.1175	0.0112	-0.4800	0.0977
6.6922	16.2379	25.5014	-7.7726	0.2605	0.0423	7.6356	0.3696
3.0338	28.2478	32.2270	-7.3652	0.1772	0.0048	3.8230	0.1791
3.8841	11.2171	32.9662	2.2528	0.1920	0.0058	-2.8950	0.1869
2.6187	13.4768	49.6209	-4.6336	0.4178	0.0103	11.2257	0.3575
28.9605	28.9605	28.9605	-4.1126	0.1785	0.0232	5.5826	0.1288
1.1484	13.3717	18.5695	-4.6966	0.1232	0.0049	-1.0708	0.1200
42.7426	42.7426	42.7426	-11.2923	1.5600	0.1838	14.4481	0.9716
3.2799	20.7788	20.7788	4.3619	0.5501	0.0802	10.3334	1.4274
29.9509	37.5325	37.5325	-11.6403	1.3797	0.0711	9.7614	0.5138
3.7076	18.5044	33.5001	-3.9355	0.1236	0.0131	1.1837	0.1468
1.0842	6.0775	23.2071	-0.2180	0.1145	0.0078	-3.4136	0.1157
21.2408	21.2408	28.7437	-17.2134	0.9469	0.0806	6.2187	0.5348
3.3838	9.8414	35.5842	-17.7750	0.9798	0.0553	10.6692	0.9534
21.8982	21.8982	41.0221	-4.0072	0.2805	0.0213	-5.2760	0.2948
2.0371	10.6989	15.5421	-15.3998	0.2841	0.0137	2.5439	0.2973
4.8907	22.8146	30.2070	0.8278	0.1727	0.0093	-3.6864	0.2020
38.1716	79.2643	79.2643	-1.9076	0.7967	0.0727	-10.3879	0.6034
29.9509	37.5325	37.5325	-11.6403	1.3797	0.0711	9.7614	0.5138
41.9803	123.5427	123.5427	1.4879	1.1263	0.0712	5.4144	0.6878
10.9534	23.4750	23.4750	-10.0217	0.3479	0.0284	0.2840	0.2489
1.7447	28.9511	36.0328	8.5707	0.3112	0.0215	-1.9174	0.2665
3.7035	14.4274	14.4274	-1.6013	0.2017	0.0106	-2.4271	0.1627
15.4549	15.4549	22.5302	-10.1022	0.2902	0.0725	-3.5814	0.2883
2.8266	8.7342	16.1370	-1.3680	0.1593	0.0063	-2.1853	0.1622

15.0680	15.0680	46.6577	-4.7673	0.3772	0.0823	-7.1555	0.1778
19.7048	19.7048	32.8905	4.0612	0.4924	0.0630	-0.0461	0.4332
22.0767	75.7455	75.7455	4.4935	0.5347	0.0446	-4.9240	0.5515
5.7385	5.7385	20.4272	-8.7882	0.2127	0.0360	-2.6207	0.1533
19.1930	76.8298	103.9855	3.3861	0.6542	0.0553	-0.1945	0.4674
4.7818	15.0648	36.1155	-7.4642	0.3607	0.0391	-5.6044	0.2709
7.9817	33.9889	45.2254	0.6823	0.2760	0.0222	-8.4474	0.2929
1.7076	10.3643	10.3643	7.3320	0.5280	0.0563	0.5213	0.4483
15.3883	26.2926	26.2926	-25.5368	0.6619	0.1060	8.3574	0.9061
1.6641	17.6285	17.6285	-4.7168	0.2683	0.0159	-1.7699	0.2835
7.9817	33.9889	45.2254	0.6823	0.2760	0.0222	-8.4474	0.2929
3.2619	11.9017	23.4762	3.0800	0.4740	0.0153	-5.3659	0.4721
2.0630	11.4474	26.5869	0.6521	0.2253	0.0093	-5.7909	0.2389
3.2857	3.2857	4.3301	-11.4439	0.3167	0.0598	-25.0565	0.2451
23.5710	25.1023	40.7653	1.7793	0.1908	0.0298	-1.0583	0.1616
3.5593	15.1797	35.6920	-1.4484	0.2261	0.0201	-4.6948	0.1372
15.4102	19.6682	23.5102	3.2193	0.1861	0.0261	-6.0397	0.2710
2.6187	13.4768	49.6209	-4.6336	0.4178	0.0103	11.2257	0.3575
31.2841	31.2841	45.5314	2.0511	0.1272	0.0172	-6.4193	0.1939
9.4006	10.2915	13.5819	3.3748	0.1904	0.0162	-4.3794	0.1920
5.3173	20.0250	29.2282	26.7709	2.1877	0.3005	-3.6973	2.0330
2.3225	11.1098	35.5780	19.9552	0.9963	0.0313	-45.4567	1.1401
2.9568	15.2278	32.2476	-6.6520	0.2199	0.0138	-3.3985	0.1910
31.2841	31.2841	45.5314	2.0511	0.1272	0.0172	-6.4193	0.1939
2.8767	13.9406	16.5506	-0.3362	0.1290	0.0128	-0.9967	0.1434
2.8767	13.9406	16.5506	-0.3362	0.1290	0.0128	-0.9967	0.1434
3.5593	15.1797	35.6920	-1.4484	0.2261	0.0201	-4.6948	0.1372
2.0275	7.7074	25.8963	-7.0690	0.2414	0.0107	1.0423	0.2220
9.2604	36.6322	60.3179	-6.4132	0.3435	0.0399	10.4256	0.4026
2.6034	12.5137	47.5101	-2.9804	0.2197	0.0104	-8.2777	0.2064
5.4988	10.5516	13.5262	-0.0813	0.1320	0.0088	-0.8729	0.1437
5.8521	9.9744	15.0612	-0.3345	0.0761	0.0141	-0.4502	0.0758
7.6283	7.6283	9.9150	0.8924	0.0916	0.0164	-1.5252	0.1210
5.4779	10.2825	22.3018	0.1968	0.1405	0.0111	-1.4167	0.1324
17.3012	27.2725	39.6102	0.5075	0.0939	0.0120	-2.3709	0.1364
5.9028	13.2292	37.8313	0.7091	0.0819	0.0113	-0.0025	0.0801
3.4702	10.0173	10.0173	0.4698	0.0619	0.0047	-1.3844	0.0558
1.4639	8.0916	17.9189	-6.7709	0.1088	0.0044	2.1751	0.1028
5.0089	5.0089	10.4849	1.0955	0.0793	0.0182	-2.5627	0.0916
1.8832	9.7213	12.3069	-2.9291	0.0708	0.0066	-2.7529	0.0661
3.1771	8.8432	10.0607	-0.5586	0.0778	0.0102	-1.3390	0.0916
3.7820	12.5618	15.7322	0.7741	0.0993	0.0078	-1.4948	0.0800
17.7145	45.3306	45.3306	0.7996	0.3136	0.0357	-1.3983	0.2690
4.5363	16.9625	22.7162	9.1261	0.5573	0.0691	-16.9513	0.3965
4.8128	9.7948	9.7948	0.6238	0.1316	0.0213	-2.5023	0.1388
5.6689	12.1646	13.1640	-0.5956	0.1030	0.0115	-2.2002	0.1085
15.6645	15.6645	30.0827	-0.4012	0.1258	0.0173	-2.6319	0.1465
9.5700	9.5700	15.8455	-2.5428	0.0569	0.0104	-3.0797	0.0436
2.1061	19.4728	20.9789	2.1493	0.1414	0.0070	-2.3042	0.1344
8.6534	22.0179	26.7438	0.9937	0.2309	0.0220	-4.7446	0.2762
1.8304	10.5705	10.5705	-2.7901	0.4189	0.0311	0.9898	0.3461

2.1541	14.2299	18.4857	-0.6364	0.2102	0.0173	-0.2834	0.2972
6.4683	13.2543	18.8144	-1.5948	0.0469	0.0049	-0.4074	0.0516
12.2046	12.2046	33.2618	-0.4510	0.2698	0.0432	-4.5589	0.2260
21.9011	21.9838	36.2111	0.0086	0.1213	0.0129	-1.2348	0.1193
21.9011	21.9838	36.2111	0.0086	0.1213	0.0129	-1.2348	0.1193
10.4824	10.4824	18.1698	1.7495	0.2305	0.0421	-6.0066	0.3300
2.1061	19.4728	20.9789	2.1493	0.1414	0.0070	-2.3042	0.1344
7.1139	7.1139	8.1293	-3.1945	0.1039	0.0124	-6.8931	0.1036
6.6303	10.8543	14.4444	-4.0865	0.1805	0.0233	-6.6880	0.2474
6.8355	11.0874	11.0874	0.3928	0.1002	0.0122	-2.8734	0.0942
5.7761	13.8248	15.0614	0.0756	0.0722	0.0074	-0.4277	0.0948
25.7838	28.5225	47.8460	0.0010	0.1837	0.0175	-0.5114	0.2128
10.5449	10.5449	26.3732	0.0042	0.1974	0.0285	-1.2320	0.1240
15.8919	27.6959	49.0672	-6.0483	0.1317	0.0176	-4.6673	0.1007
6.5355	6.5355	20.2665	-2.4437	0.0640	0.0101	-4.5182	0.0730
6.2805	6.2805	40.5290	-0.5384	0.1829	0.0289	-0.9921	0.1081
10.5449	10.5449	26.3732	0.0042	0.1974	0.0285	-1.2320	0.1240
2.6014	14.5541	14.5541	-2.4980	0.0736	0.0037	-5.1116	0.0836
7.1644	7.1644	10.3436	-0.2077	0.2744	0.0429	-4.3686	0.1015
5.8456	18.2740	55.0874	-0.9197	0.0730	0.0059	0.8494	0.0853
2.3018	23.4550	25.2681	-0.6760	0.1325	0.0106	-2.9164	0.1287
5.2417	8.5198	22.9557	-2.7147	0.0701	0.0110	-2.2876	0.0623
5.3557	7.9414	7.9414	-0.6544	0.0785	0.0039	-1.1433	0.0785
2.3581	7.6035	13.8527	-2.6203	0.0801	0.0071	-2.0955	0.0917
3.2330	10.3578	28.0712	-1.0190	0.1121	0.0107	-0.2457	0.0738
4.9914	12.7076	15.2242	-2.3021	0.0904	0.0078	-0.8926	0.0706
6.9921	7.4844	9.9525	-2.5106	0.0849	0.0085	-3.2730	0.0783
2.9550	13.5509	21.2371	-0.8380	0.0841	0.0051	-0.3243	0.0724
1.9422	7.5510	25.3768	-2.3485	0.0687	0.0069	-5.0704	0.0663
5.3214	9.1739	9.1739	-0.3644	0.0490	0.0065	-0.4162	0.0524
3.9724	5.9933	9.2738	-1.8023	0.1024	0.0209	-0.3894	0.0970
32.4515	32.4515	58.5126	0.5809	0.2386	0.0159	-1.4952	0.2173
9.5784	9.5784	16.6682	-2.0324	0.0978	0.0237	-2.0885	0.1063
2.5985	11.1420	24.8830	0.7872	0.0950	0.0094	-2.2210	0.1018
1.2593	6.7040	7.4813	-4.3133	0.1301	0.0117	-4.5869	0.1662
5.1763	5.1763	10.3306	-3.9301	0.1272	0.0194	-4.6093	0.1097
6.3692	10.1768	10.1768	0.8520	0.1525	0.0305	-4.4327	0.1019
5.4971	5.4971	41.1292	-0.4342	0.0812	0.0139	0.0606	0.1052
21.1846	24.4263	37.8012	-1.8089	0.1317	0.0138	0.8652	0.0977
2.3387	9.5787	9.5787	-1.6232	0.1066	0.0095	0.5244	0.0936
4.4069	12.3736	35.9473	0.1627	0.0881	0.0102	-0.7976	0.1218
22.4227	22.4227	22.4227	0.1382	0.0814	0.0099	-0.4268	0.0845
4.5654	6.8466	31.0047	0.1679	0.0823	0.0108	-0.7999	0.0868
2.5913	13.5064	27.5931	-3.3415	0.0413	0.0080	-6.0345	0.0424
13.1116	13.1116	28.6239	-1.1083	0.0828	0.0098	-3.4400	0.1106
13.0244	13.0244	17.9516	-0.3924	0.1492	0.0196	-0.9580	0.0926
1.4512	12.8734	29.3293	-2.0052	0.0633	0.0145	-0.4404	0.0575
1.4512	12.8734	29.3293	-2.0052	0.0633	0.0145	-0.4404	0.0575
1.2593	6.7040	7.4813	-4.3133	0.1301	0.0117	-4.5869	0.1662
1.2076	8.4840	14.4176	-1.5465	0.1262	0.0065	-3.6654	0.1325
1.9107	10.2227	12.5829	-2.8467	0.0901	0.0043	-6.4548	0.0948

21.3096	21.3096	35.7970	-3.0445	0.2642	0.0413	-8.0291	0.2214
19.4153	19.4153	24.0076	-4.3644	0.5342	0.0815	-12.7917	0.5747
2.6313	12.2621	82.8941	9.7718	0.2187	0.0156	-11.8240	0.2274
3.4043	12.8433	26.4709	1.2843	0.2176	0.0109	-4.9682	0.2360
1.3919	7.5794	10.9792	3.1255	0.1388	0.0097	-3.4887	0.1271
4.1069	8.1585	9.0372	-0.0591	0.0875	0.0201	-3.0761	0.0854
1.7050	10.9434	10.9434	0.3226	0.0846	0.0200	-1.5475	0.0702
20.4078	20.4078	43.1547	-0.4841	0.1186	0.0122	-0.6644	0.1147
2.9884	5.2508	5.2508	1.3679	0.0653	0.0163	-3.5709	0.1306
9.1917	16.5029	16.5029	-1.1882	0.0991	0.0143	0.3928	0.1046
12.1192	19.9501	34.8506	-13.7510	0.7101	0.0590	-2.6849	0.7478
1.9266	9.0884	16.2906	1.1071	0.1459	0.0063	-0.8579	0.1503

pmdec_error	parallax	parallax_std	parallax_error	distance_16	distance_50	distance_84
0.0041	0.4241	0.0427	0.0017	2212.44	2217.37	2222.33
0.0043	0.6058	0.0437	0.0014	1569.07	1570.82	1572.56
0.0041	0.4241	0.0427	0.0017	2212.44	2217.37	2222.33
0.0171	1.0164	0.0483	0.0039	942.54	944.59	946.64
0.0102	2.1769	0.0646	0.0028	451.60	451.87	452.14
0.0086	1.0286	0.0536	0.0028	936.86	938.11	939.37
0.0078	0.6458	0.0384	0.0026	1438.99	1442.66	1446.35
0.0092	1.5117	0.0452	0.0019	644.49	644.94	645.38
0.0041	0.4241	0.0427	0.0017	2212.44	2217.37	2222.33
0.0059	0.1119	0.0447	0.0035	6860.03	6983.86	7112.25
0.0038	0.4112	0.0467	0.0014	2227.91	2233.07	2238.25
0.0099	0.6567	0.0687	0.0036	1411.03	1415.24	1419.47
0.0293	1.0565	0.0489	0.0071	903.32	906.45	909.61
0.0222	1.1524	0.0557	0.0092	841.99	844.95	847.92
0.0184	0.8154	0.0572	0.0079	1160.60	1166.13	1171.72
0.1299	3.0803	0.1384	0.0174	326.98	327.38	327.78
0.0060	0.6246	0.0447	0.0026	1499.10	1503.25	1507.42
0.0242	2.4909	0.0846	0.0107	391.69	392.60	393.51
0.0268	1.1266	0.0464	0.0072	872.70	875.29	877.89
0.0191	0.9797	0.0447	0.0059	977.88	981.38	984.91
0.0299	1.1086	0.0494	0.0105	879.44	884.19	889.00
0.0516	1.5833	0.0375	0.0067	613.50	615.05	616.60
0.0215	0.8082	0.0253	0.0065	1174.46	1184.10	1193.89
0.0116	0.4769	0.0466	0.0036	1901.97	1912.27	1922.67
0.0066	0.9635	0.0596	0.0029	994.44	995.74	997.05
0.0353	0.4946	0.0339	0.0044	1816.62	1831.12	1845.87
0.0042	0.3311	0.0299	0.0023	2691.35	2706.95	2722.73
0.0129	0.4372	0.0239	0.0054	2128.89	2148.75	2168.99
0.0061	0.6084	0.0420	0.0017	1551.03	1553.38	1555.74
0.0061	0.6084	0.0420	0.0017	1551.03	1553.38	1555.74
0.0162	0.6605	0.0437	0.0043	1440.20	1445.72	1451.28
0.0068	0.2774	0.0637	0.0038	3376.03	3398.90	3422.09
0.0119	1.7372	0.0535	0.0031	563.16	563.70	564.24
0.0429	2.2443	0.0859	0.0067	437.22	437.59	437.96
0.0857	3.1162	0.1682	0.0183	316.89	317.25	317.61
0.3261	7.0789	1.3339	0.1078	154.55	154.64	154.72
0.0047	0.4985	0.0356	0.0019	1866.01	1870.22	1874.45
0.0120	1.3575	0.0737	0.0046	710.55	711.49	712.43
0.1161	5.9598	0.4265	0.0542	161.39	161.50	161.61
0.0057	0.6447	0.0290	0.0020	1468.44	1471.88	1475.35
0.0290	3.3658	0.0985	0.0058	295.74	295.87	296.01
0.0640	2.5971	0.0480	0.0124	382.45	383.49	384.54
0.0171	3.0514	0.0805	0.0041	323.50	323.63	323.77
0.0382	5.7409	0.1547	0.0062	173.55	173.58	173.62
0.0224	1.8248	0.1367	0.0089	530.47	531.04	531.60
0.0509	2.4023	0.1381	0.0128	411.19	411.58	411.98
0.0479	1.7092	0.0738	0.0063	565.57	566.38	567.19
0.1756	5.5116	0.0719	0.0136	180.07	180.20	180.34
0.1852	10.1617	0.9415	0.0598	95.88	95.96	95.98
0.4317	7.3289	1.7303	0.1079	149.20	149.25	149.29

0.0382	5.7409	0.1547	0.0062	173.55	173.58	173.62
0.0290	3.3658	0.0985	0.0058	295.74	295.87	296.01
0.0170	0.1360	0.0289	0.0031	5409.43	5546.24	5690.15
0.0211	0.5582	0.0205	0.0053	1632.95	1661.00	1690.03
0.0170	0.2823	0.0417	0.0053	3039.80	3087.20	3136.12
0.0154	0.6440	0.0420	0.0066	1458.52	1466.59	1474.76
0.0555	2.1362	0.0814	0.0104	454.88	455.58	456.28
0.0232	1.1500	0.0333	0.0064	837.93	840.67	843.43
0.0190	0.9187	0.0326	0.0047	1038.81	1043.50	1048.22
0.0617	1.4670	0.0635	0.0109	652.64	654.16	655.69
0.1852	10.1617	0.9415	0.0598	95.88	95.96	95.98
0.0418	3.4984	0.2250	0.0119	281.95	282.08	282.22
0.1021	4.1199	0.1712	0.0278	237.84	238.10	238.35
0.0127	2.6758	0.1725	0.0074	367.39	367.54	367.68
0.0290	3.3658	0.0985	0.0058	295.74	295.87	296.01
0.0199	2.4591	0.0363	0.0031	402.20	402.48	402.75
0.0224	1.8248	0.1367	0.0089	530.47	531.04	531.60
0.0166	2.5404	0.0841	0.0044	389.33	389.53	389.73
0.0153	1.5237	0.0624	0.0061	641.21	642.38	643.55
0.0311	1.2142	0.0581	0.0088	803.11	805.81	808.53
0.0284	1.8183	0.0472	0.0040	544.31	544.83	545.36
0.0418	3.4984	0.2250	0.0119	281.95	282.08	282.22
0.0679	1.7640	0.0655	0.0065	558.60	559.24	559.88
0.0272	5.7060	0.1488	0.0072	173.82	173.86	173.91
0.0397	2.5495	0.0973	0.0134	385.48	386.33	387.19
0.0373	1.4314	0.0630	0.0068	674.71	675.78	676.85
0.0300	1.9088	0.0790	0.0065	520.61	521.07	521.53
0.0147	1.7963	0.1004	0.0072	544.47	544.96	545.45
0.0152	2.1887	0.1095	0.0056	452.42	452.78	453.14
0.0133	0.6783	0.0708	0.0050	1388.82	1392.48	1396.16
0.0171	3.0514	0.0805	0.0041	323.50	323.63	323.77
0.1113	3.1266	0.0949	0.0168	316.39	316.71	317.03
0.0199	1.4099	0.0427	0.0051	686.12	687.90	689.69
0.0184	2.2874	0.0838	0.0058	430.83	431.14	431.45
0.2512	3.5182	0.0776	0.0188	277.94	278.32	278.70
0.0538	2.0294	0.0858	0.0074	483.88	484.52	485.16
0.0300	1.9088	0.0790	0.0065	520.61	521.07	521.53
0.0284	3.4863	0.2291	0.0153	283.53	283.73	283.93
0.0591	2.5825	0.0740	0.0096	381.00	381.62	382.24
0.0204	1.5386	0.1010	0.0092	627.93	629.02	630.10
0.0143	1.6776	0.0448	0.0039	583.97	584.66	585.36
0.0147	1.3356	0.0800	0.0036	703.00	703.60	704.20
0.0139	1.0354	0.0725	0.0066	931.86	935.36	938.88
0.0328	1.6633	0.1261	0.0149	581.26	582.40	583.55
0.0088	2.4272	0.0605	0.0015	407.00	407.09	407.18
0.0712	2.8330	0.1482	0.0131	343.84	344.20	344.56
0.0261	1.3581	0.0362	0.0049	711.33	713.06	714.79
0.8002	6.5204	0.7585	0.1320	147.69	147.82	147.95
0.0304	3.1643	0.1034	0.0061	312.68	312.96	313.24
0.0352	1.0336	0.0517	0.0064	923.52	926.23	928.95
0.1856	7.0045	0.3163	0.0443	143.83	143.92	144.01

0.0879	3.1775	0.1939	0.0150	304.80	304.98	305.16
0.3062	6.8771	0.4372	0.0798	145.71	145.80	145.89
0.0946	2.5973	0.1092	0.0206	378.08	378.88	379.69
0.0396	1.7499	0.0817	0.0062	556.12	556.72	557.32
0.0290	3.3658	0.0985	0.0058	295.74	295.87	296.01
0.0152	3.5830	0.0875	0.0028	275.91	275.99	276.06
0.0881	6.3128	0.1884	0.0247	156.61	156.68	156.75
0.0090	0.2008	0.0519	0.0049	4063.51	4124.40	4187.14
0.0098	1.9305	0.0754	0.0036	508.56	508.93	509.31
0.0462	6.6216	0.1216	0.0075	150.16	150.19	150.22
0.0158	4.2318	0.0923	0.0045	234.30	234.39	234.49
0.0098	2.1001	0.0482	0.0021	468.02	468.27	468.52
0.0130	2.4386	0.0848	0.0053	404.32	404.60	404.88
0.0403	4.5829	0.2785	0.0171	214.62	214.70	214.79
0.0188	1.9480	0.0767	0.0035	503.34	503.68	504.02
0.3541	5.5962	0.4993	0.0629	172.76	172.92	173.16
0.0088	2.4272	0.0605	0.0015	407.00	407.09	407.18
0.0268	2.9300	0.0520	0.0067	337.50	337.87	338.24
0.0191	1.2947	0.0779	0.0067	747.67	748.89	750.12
0.0446	2.1028	0.1094	0.0121	468.05	468.67	469.29
3.8581	40.1870	10.0448	2.4362	25.08	25.08	25.09
0.0130	2.4386	0.0848	0.0053	404.32	404.60	404.88
0.0682	11.7093	0.3066	0.0283	85.23	85.25	85.27
0.0674	2.4430	0.0887	0.0076	401.22	401.64	402.06
0.0520	1.7857	0.0306	0.0057	547.87	549.19	550.51
0.0036	0.4185	0.0357	0.0019	2201.75	2207.78	2213.85
0.5490	21.2320	1.5487	0.0788	47.19	47.19	47.20
0.0035	0.6921	0.0329	0.0007	1383.16	1383.92	1384.68
0.0547	3.1657	0.1422	0.0168	313.28	313.57	313.87
0.0349	1.3928	0.1218	0.0180	700.78	702.44	704.10
0.0133	0.7137	0.0643	0.0048	1318.31	1321.94	1325.60
0.0462	6.6216	0.1216	0.0075	150.16	150.19	150.22
0.0054	0.4057	0.0227	0.0014	2241.95	2248.98	2256.05
0.0049	0.9784	0.0449	0.0012	985.98	986.55	987.11
0.0284	3.4863	0.2291	0.0153	283.53	283.73	283.93
0.1682	4.0738	0.0598	0.0173	248.58	249.02	249.45
0.0120	0.6228	0.0484	0.0064	1477.17	1485.39	1493.70
0.0574	1.2418	0.0665	0.0112	762.35	764.23	766.12
0.0466	2.1494	0.0181	0.0050	461.24	462.33	463.43
0.0153	1.3777	0.0420	0.0040	704.50	706.46	708.43
0.0287	0.8686	0.0449	0.0077	1086.34	1091.21	1096.13
0.0377	1.0596	0.0468	0.0117	909.59	914.20	918.85
0.0164	1.8219	0.0533	0.0047	537.27	537.87	538.47
0.0073	1.1305	0.0451	0.0024	863.24	864.15	865.05
0.0056	1.1538	0.0490	0.0015	837.95	838.53	839.12
0.0047	0.4985	0.0356	0.0019	1866.01	1870.22	1874.45
0.0056	0.5917	0.0488	0.0021	1593.19	1596.26	1599.34
0.0092	0.9258	0.0817	0.0042	1022.39	1023.87	1025.35
0.0068	0.3116	0.0724	0.0037	2877.08	2896.69	2916.57
0.0092	1.5117	0.0452	0.0019	644.49	644.94	645.38
0.1637	9.0839	0.3244	0.0226	108.96	108.98	108.99

0.0120	0.8816	0.0739	0.0069	1073.26	1076.15	1079.06
0.0083	0.2147	0.0477	0.0050	3955.65	4025.43	4097.72
0.0336	1.1747	0.0381	0.0110	815.64	819.88	824.16
0.0598	3.3716	0.0595	0.0109	289.51	290.30	291.10
0.0138	0.9716	0.0799	0.0035	1001.32	1002.61	1003.91
0.0167	1.0506	0.0518	0.0081	924.13	927.55	931.00
0.0424	5.4479	0.3809	0.0261	185.20	185.26	185.32
0.0061	0.6084	0.0420	0.0017	1551.03	1553.38	1555.74
0.0158	2.3749	0.1038	0.0055	411.92	412.23	412.54
0.0202	1.8602	0.0553	0.0060	524.16	524.88	525.60
0.0116	1.1367	0.0477	0.0034	851.09	852.50	853.91
0.0270	1.6371	0.0546	0.0052	596.53	597.17	597.82
0.0121	1.4482	0.0426	0.0029	673.27	674.03	674.78
0.0093	1.2840	0.0557	0.0027	759.17	759.89	760.61
0.0232	1.4950	0.0780	0.0050	649.84	651.03	652.21
0.0415	1.0726	0.0565	0.0111	908.64	913.64	918.71
0.0115	0.6467	0.0289	0.0053	1457.42	1465.86	1474.40
0.6978	5.5739	0.3125	0.0302	175.45	175.54	175.63
0.0152	1.5251	0.0557	0.0056	636.48	637.46	638.45
0.0933	3.1001	0.0920	0.0098	320.93	321.17	321.41
0.0066	1.3627	0.0486	0.0020	714.57	715.06	715.55
0.0985	3.2024	0.1388	0.0179	305.90	306.38	306.86
0.0097	0.2249	0.0311	0.0039	3547.51	3608.81	3672.26
0.0250	0.9053	0.0404	0.0063	1056.80	1061.55	1066.34
0.0245	1.3817	0.0576	0.0060	699.07	700.33	701.60
0.0266	1.1813	0.0835	0.0187	788.47	794.31	800.24
0.0093	0.4695	0.0479	0.0046	1900.29	1910.58	1920.98
0.0600	1.6391	0.0681	0.0111	592.93	594.23	595.54
0.0049	0.9784	0.0449	0.0012	985.98	986.55	987.11
0.0056	1.1538	0.0490	0.0015	837.95	838.53	839.12
0.0088	2.4272	0.0605	0.0015	407.00	407.09	407.18
0.0168	0.8300	0.0290	0.0038	1144.61	1148.72	1152.85
0.0048	0.4727	0.0315	0.0012	1975.19	1978.42	1981.66
0.1145	2.5042	0.1063	0.0125	395.35	395.77	396.18
0.2082	5.0979	0.1369	0.0200	194.36	194.47	194.57
0.0265	2.7062	0.2073	0.0107	361.44	361.61	361.78
0.0156	0.9107	0.0726	0.0077	1033.22	1036.34	1039.48
0.0079	0.8431	0.0360	0.0024	1122.69	1124.82	1126.96
0.0455	1.8755	0.1400	0.0119	525.73	526.26	526.79
0.0538	6.6003	0.1284	0.0072	150.52	150.55	150.58
0.0224	1.7892	0.0653	0.0050	547.49	548.03	548.58
0.0144	2.4966	0.0808	0.0039	391.63	391.82	392.01
0.0109	1.7710	0.0448	0.0024	557.08	557.42	557.75
0.0551	2.1475	0.0673	0.0061	454.69	455.25	455.82
0.0265	2.7062	0.2073	0.0107	361.44	361.61	361.78
0.0435	2.4614	0.1955	0.0124	402.84	403.09	403.34
0.0203	1.4626	0.0999	0.0082	662.37	664.10	665.84
0.0184	2.2874	0.0838	0.0058	430.83	431.14	431.45
0.0086	1.0286	0.0536	0.0028	936.86	938.11	939.37
0.0721	1.8666	0.0295	0.0074	525.72	527.29	528.86
0.0064	1.1487	0.0692	0.0027	838.79	839.61	840.43

0.0388	1.2780	0.0327	0.0071	750.00	752.33	754.69
0.0555	2.1362	0.0814	0.0104	454.88	455.58	456.28
0.0460	1.9522	0.0831	0.0069	500.91	501.62	502.33
0.0259	1.1030	0.0555	0.0094	879.49	882.46	885.46
0.0395	2.1586	0.0840	0.0071	455.75	456.18	456.61
0.0294	1.9584	0.0650	0.0070	499.31	500.01	500.72
0.0235	1.7645	0.0706	0.0057	551.60	552.37	553.14
0.0478	2.9129	0.0585	0.0062	339.28	339.63	339.98
0.1451	3.5877	0.0630	0.0101	274.13	274.41	274.69
0.0168	3.1196	0.0948	0.0056	317.81	318.04	318.26
0.0235	1.7645	0.0706	0.0057	551.60	552.37	553.14
0.0152	3.5830	0.0875	0.0028	275.91	275.99	276.06
0.0098	2.0035	0.0666	0.0027	489.38	489.73	490.08
0.0463	7.4475	0.0987	0.0186	132.58	132.66	132.75
0.0252	1.4709	0.0617	0.0096	644.79	646.63	648.49
0.0122	0.7819	0.0705	0.0063	1218.02	1221.81	1225.62
0.0379	1.1718	0.0653	0.0091	807.79	810.59	813.42
0.0088	2.4272	0.0605	0.0015	407.00	407.09	407.18
0.0261	1.3581	0.0362	0.0049	711.33	713.06	714.79
0.0163	2.5633	0.0659	0.0056	385.87	386.35	386.82
0.2793	10.0899	0.4525	0.0622	99.33	99.37	99.41
0.0358	7.3783	0.1739	0.0055	134.82	134.84	134.86
0.0120	1.3575	0.0737	0.0046	710.55	711.49	712.43
0.0261	1.3581	0.0362	0.0049	711.33	713.06	714.79
0.0143	1.0596	0.0610	0.0061	913.47	915.68	917.90
0.0143	1.0596	0.0610	0.0061	913.47	915.68	917.90
0.0122	0.7819	0.0705	0.0063	1218.02	1221.81	1225.62
0.0098	2.1001	0.0482	0.0021	468.02	468.27	468.52
0.0468	2.0806	0.0595	0.0069	472.05	472.65	473.25
0.0098	1.9305	0.0754	0.0036	508.56	508.93	509.31
0.0096	0.8372	0.0773	0.0051	1130.78	1133.65	1136.53
0.0141	0.2996	0.0250	0.0046	2883.60	2930.01	2977.95
0.0217	0.4212	0.0460	0.0083	2101.74	2132.13	2163.41
0.0105	1.0435	0.0574	0.0045	914.30	916.22	918.14
0.0175	0.3942	0.0395	0.0051	2259.53	2285.71	2312.50
0.0110	0.1844	0.0397	0.0055	4176.98	4264.10	4354.92
0.0042	0.3311	0.0299	0.0023	2691.35	2706.95	2722.73
0.0041	0.4241	0.0427	0.0017	2212.44	2217.37	2222.33
0.0210	0.4564	0.0494	0.0113	1916.17	1938.13	1960.61
0.0061	0.3818	0.0302	0.0028	2419.61	2432.90	2446.34
0.0120	0.6228	0.0484	0.0064	1477.17	1485.39	1493.70
0.0062	0.3120	0.0478	0.0037	2747.29	2770.65	2794.40
0.0307	1.2646	0.0714	0.0081	734.77	737.25	739.75
0.0492	3.3104	0.0696	0.0086	297.46	297.75	298.03
0.0225	0.5472	0.0205	0.0033	1679.41	1691.46	1703.68
0.0121	0.6967	0.0457	0.0051	1352.63	1358.01	1363.43
0.0201	0.8634	0.0471	0.0065	1100.54	1105.16	1109.82
0.0080	0.4426	0.0222	0.0041	2135.89	2154.79	2174.03
0.0066	0.9635	0.0596	0.0029	994.44	995.74	997.05
0.0263	1.1574	0.0747	0.0071	838.34	840.56	842.79
0.0257	1.1245	0.1071	0.0079	824.41	826.95	829.49

0.0244	1.7399	0.0674	0.0055	563.08	563.82	564.55
0.0054	0.3419	0.0294	0.0031	2685.65	2703.26	2721.10
0.0362	1.6688	0.0649	0.0104	590.86	592.52	594.20
0.0127	0.4059	0.0662	0.0071	2088.49	2101.98	2115.65
0.0127	0.4059	0.0662	0.0071	2088.49	2101.98	2115.65
0.0602	0.7525	0.0554	0.0101	1250.34	1258.99	1267.76
0.0066	0.9635	0.0596	0.0029	994.44	995.74	997.05
0.0124	0.5443	0.0245	0.0029	1722.20	1729.67	1737.21
0.0319	1.1741	0.0404	0.0052	828.90	830.91	832.93
0.0115	0.3709	0.0455	0.0056	2333.08	2353.64	2374.55
0.0098	0.4709	0.0477	0.0049	1900.43	1911.76	1923.23
0.0203	0.2171	0.0392	0.0037	3720.75	3785.78	3853.13
0.0179	0.2984	0.0290	0.0042	2934.38	2967.43	3001.24
0.0135	0.4026	0.0353	0.0047	2331.08	2349.23	2367.68
0.0115	0.2562	0.0320	0.0051	3618.24	3669.52	3722.27
0.0171	0.3054	0.0436	0.0069	2803.55	2838.19	2873.69
0.0179	0.2984	0.0290	0.0042	2934.38	2967.43	3001.24
0.0042	0.2709	0.0358	0.0018	3269.50	3283.01	3296.64
0.0159	0.7342	0.0922	0.0144	1276.80	1285.99	1295.30
0.0069	0.2537	0.0433	0.0035	3310.98	3339.20	3367.90
0.0103	0.9550	0.0466	0.0037	1012.08	1014.52	1016.97
0.0097	0.3211	0.0260	0.0041	2820.19	2851.99	2884.51
0.0039	0.4036	0.0191	0.0010	2273.81	2279.62	2285.47
0.0082	0.3252	0.0469	0.0042	2869.25	2889.74	2910.54
0.0070	0.3383	0.0279	0.0027	2647.27	2662.82	2678.56
0.0061	0.2849	0.0471	0.0040	3142.12	3173.11	3204.73
0.0079	0.5132	0.0462	0.0046	1840.69	1847.90	1855.16
0.0044	0.3009	0.0450	0.0027	2952.73	2967.24	2981.88
0.0067	0.2789	0.0366	0.0037	3241.54	3272.03	3303.11
0.0069	0.3214	0.0354	0.0047	2795.51	2825.43	2855.99
0.0198	0.7731	0.0341	0.0070	1224.35	1232.20	1240.16
0.0145	0.3236	0.0482	0.0032	2726.45	2748.74	2771.39
0.0258	0.6142	0.0198	0.0048	1535.31	1548.16	1561.24
0.0101	0.3766	0.0424	0.0042	2381.82	2404.02	2426.64
0.0149	0.3905	0.0320	0.0029	2331.99	2348.14	2364.52
0.0167	0.5577	0.0220	0.0033	1704.11	1712.02	1720.00
0.0204	0.7480	0.0272	0.0054	1264.01	1272.59	1281.28
0.0180	0.1945	0.0331	0.0057	4091.84	4154.32	4218.74
0.0102	0.6733	0.0295	0.0031	1392.33	1397.64	1403.00
0.0084	0.6660	0.0502	0.0045	1423.05	1429.14	1435.28
0.0141	0.1804	0.0472	0.0055	4259.12	4363.56	4473.25
0.0103	0.2212	0.0266	0.0033	3876.76	3945.36	4016.44
0.0114	0.3148	0.0766	0.0101	3090.36	3151.73	3215.58
0.0082	0.1771	0.0261	0.0050	4932.43	5043.99	5160.71
0.0130	0.3703	0.0321	0.0038	2475.62	2496.55	2517.85
0.0122	0.3145	0.0324	0.0043	2771.05	2815.56	2861.53
0.0132	0.2205	0.0162	0.0037	3770.37	3868.92	3972.75
0.0132	0.2205	0.0162	0.0037	3770.37	3868.92	3972.75
0.0149	0.3905	0.0320	0.0029	2331.99	2348.14	2364.52
0.0068	0.3116	0.0724	0.0037	2877.08	2896.69	2916.57
0.0046	0.3263	0.0449	0.0022	2755.29	2768.78	2782.41

0.0346	1.8734	0.0394	0.0062	522.99	524.11	525.23
0.0876	2.8040	0.0693	0.0106	353.46	353.92	354.37
0.0162	2.2693	0.0418	0.0030	433.33	433.64	433.96
0.0118	2.1075	0.0527	0.0026	466.50	466.75	467.01
0.0089	1.1343	0.0599	0.0042	856.27	857.66	859.06
0.0196	0.4003	0.0336	0.0077	2197.94	2236.78	2277.02
0.0166	0.3242	0.0304	0.0072	2646.87	2702.09	2759.66
0.0118	0.2535	0.0488	0.0050	3351.34	3391.74	3433.12
0.0327	0.6223	0.0321	0.0080	1501.77	1519.48	1537.60
0.0151	0.8917	0.0433	0.0063	1069.66	1074.24	1078.85
0.0621	2.4097	0.1181	0.0098	411.99	412.29	412.59
0.0065	0.7717	0.0519	0.0022	1237.35	1239.32	1241.30

n_stars_used_for_distance	global_parallax_correction_only	x	y	z
620	NEPRAVDA	-7260.12	-2040.79	-74.78
1001	NEPRAVDA	-8731.05	1447.86	34.47
620	NEPRAVDA	-7260.12	-2040.79	-74.78
141	NEPRAVDA	-7231.21	-312.47	-13.19
481	NEPRAVDA	-7670.96	-26.84	13.72
351	NEPRAVDA	-7332.50	-498.63	-69.53
217	NEPRAVDA	-6722.17	-347.78	50.25
562	NEPRAVDA	-7497.36	152.16	-30.70
620	NEPRAVDA	-7260.12	-2040.79	-74.78
185	NEPRAVDA	-6918.78	-6879.37	50.16
1203	NEPRAVDA	-6140.24	1023.00	-92.35
308	NEPRAVDA	-9389.77	-627.12	-27.16
49	NEPRAVDA	-9001.18	220.51	26.92
38	NEPRAVDA	-8403.17	793.22	-54.47
52	NEPRAVDA	-9264.64	40.12	250.10
57	NEPRAVDA	-8440.44	-18.51	94.35
288	NEPRAVDA	-9612.74	192.99	32.78
71	NEPRAVDA	-8474.71	112.67	-109.66
35	NEPRAVDA	-7916.10	850.71	27.04
55	NEPRAVDA	-9090.47	-158.51	20.07
27	NEPRAVDA	-9000.32	-77.95	85.75
24	NEPRAVDA	-8108.92	609.12	-63.40
17	NEPRAVDA	-9169.92	551.15	31.96
170	NEPRAVDA	-9992.70	-395.07	53.46
399	NEPRAVDA	-9001.93	465.97	27.73
51	NEPRAVDA	-7823.05	1804.74	101.84
173	NEPRAVDA	-10773.02	543.31	86.80
33	NEPRAVDA	-8295.94	2139.47	-77.02
603	NEPRAVDA	-6633.03	-441.89	48.43
603	NEPRAVDA	-6633.03	-441.89	48.43
96	NEPRAVDA	-8382.24	-1420.19	-52.93
281	NEPRAVDA	-8556.32	3370.93	47.39
281	NEPRAVDA	-7578.28	137.88	-35.33
130	NEPRAVDA	-8096.72	-434.82	-21.42
62	NEPRAVDA	-8281.03	247.68	-97.53
115	NEPRAVDA	-8092.18	-138.79	82.13
345	NEPRAVDA	-8861.30	-1717.72	-2.42
259	NEPRAVDA	-7624.54	-484.55	175.65
56	NEPRAVDA	-8244.35	-55.76	-68.62
201	NEPRAVDA	-7193.02	-1141.52	0.22
255	NEPRAVDA	-8133.80	295.41	9.22
16	NEPRAVDA	-8437.68	-212.70	-25.62
306	NEPRAVDA	-8194.23	-312.47	-22.57
522	NEPRAVDA	-8266.89	93.65	1.85
205	NEPRAVDA	-8472.97	-397.59	47.66
100	NEPRAVDA	-8162.49	-401.85	100.00
122	NEPRAVDA	-7595.64	-204.46	-23.34
25	NEPRAVDA	-8099.99	-173.93	62.50
211	NEPRAVDA	-8129.59	60.07	95.24
212	NEPRAVDA	-8181.44	-121.92	-41.44

522	NEPRAVDA	-8266.89	93.65	1.85
255	NEPRAVDA	-8133.80	295.41	9.22
111	NEPRAVDA	-13337.92	-1774.80	-615.45
18	NEPRAVDA	-9780.95	72.20	-17.88
74	NEPRAVDA	-11086.13	-862.83	8.50
51	NEPRAVDA	-9564.48	260.57	-25.80
55	NEPRAVDA	-8186.24	435.05	139.75
38	NEPRAVDA	-7288.68	-110.22	6.30
49	NEPRAVDA	-7081.01	72.09	30.00
45	NEPRAVDA	-8020.43	-646.01	4.05
211	NEPRAVDA	-8129.59	60.07	95.24
303	NEPRAVDA	-7855.52	91.06	4.03
31	NEPRAVDA	-7988.45	195.07	-7.69
446	NEPRAVDA	-8232.93	-347.69	-22.54
255	NEPRAVDA	-8133.80	295.41	9.22
125	NEPRAVDA	-7922.29	349.12	35.85
205	NEPRAVDA	-8472.97	-397.59	47.66
339	NEPRAVDA	-7810.25	226.82	76.62
93	NEPRAVDA	-8695.49	-287.97	-7.42
56	NEPRAVDA	-7372.64	239.00	-154.41
113	NEPRAVDA	-7971.37	-506.73	-111.08
303	NEPRAVDA	-7855.52	91.06	4.03
100	NEPRAVDA	-8023.04	-550.25	7.07
387	NEPRAVDA	-7955.98	-49.66	35.25
47	NEPRAVDA	-8478.55	-96.84	-92.03
76	NEPRAVDA	-8400.73	-569.37	-213.27
125	NEPRAVDA	-8095.87	-520.37	27.67
175	NEPRAVDA	-8218.08	532.48	-44.06
303	NEPRAVDA	-8358.80	372.46	-80.16
220	NEPRAVDA	-9397.93	-557.59	26.77
306	NEPRAVDA	-8194.23	-312.47	-22.57
28	NEPRAVDA	-8029.80	296.02	85.47
68	NEPRAVDA	-7455.46	-124.41	-95.34
175	NEPRAVDA	-8277.77	396.94	-42.83
12	NEPRAVDA	-7951.04	-205.59	-56.50
114	NEPRAVDA	-8531.13	-243.75	-68.27
125	NEPRAVDA	-8095.87	-520.37	27.67
188	NEPRAVDA	-7952.32	105.86	-180.48
56	NEPRAVDA	-7791.54	-131.30	159.38
100	NEPRAVDA	-8582.72	-414.15	-88.07
128	NEPRAVDA	-7732.28	435.60	35.69
476	NEPRAVDA	-7450.92	177.59	-94.11
114	NEPRAVDA	-9021.76	-251.44	-24.53
65	NEPRAVDA	-8499.45	-441.05	-25.86
1362	NEPRAVDA	-8095.94	-390.68	-90.60
129	NEPRAVDA	-7973.54	210.97	-207.08
55	NEPRAVDA	-8831.77	49.92	67.16
33	NEPRAVDA	-8063.55	135.64	14.60
237	NEPRAVDA	-8403.07	99.58	-74.12
73	NEPRAVDA	-9045.64	54.69	-20.96
45	NEPRAVDA	-8236.12	-66.92	-35.81

140	NEPRAVDA	-8288.80	-226.96	-96.12
43	NEPRAVDA	-8143.70	125.92	-49.41
25	NEPRAVDA	-8151.30	-323.37	216.06
121	NEPRAVDA	-8163.73	-538.63	-113.62
255	NEPRAVDA	-8133.80	295.41	9.22
842	NEPRAVDA	-7847.63	-19.98	-1.69
48	NEPRAVDA	-8118.91	156.57	25.92
135	NEPRAVDA	-12100.32	1087.39	-10.75
409	NEPRAVDA	-8606.61	43.36	169.99
236	NEPRAVDA	-8120.94	-149.14	3.06
338	NEPRAVDA	-8079.81	11.26	-209.49
457	NEPRAVDA	-8416.30	-363.25	47.25
237	NEPRAVDA	-8496.31	-50.73	-124.11
216	NEPRAVDA	-8327.42	47.55	61.15
442	NEPRAVDA	-8612.39	106.41	63.90
58	NEPRAVDA	-8263.34	-40.99	111.55
1362	NEPRAVDA	-8095.94	-390.68	-90.60
88	NEPRAVDA	-8186.29	-331.50	9.51
127	NEPRAVDA	-8252.10	-736.44	-18.84
80	NEPRAVDA	-8489.28	-280.79	97.57
14	NEPRAVDA	-8126.81	11.21	42.72
237	NEPRAVDA	-8496.31	-50.73	-124.11
98	NEPRAVDA	-8128.95	-5.62	105.58
103	NEPRAVDA	-7774.69	-136.51	-127.76
34	NEPRAVDA	-8441.50	-445.98	-3.91
358	NEPRAVDA	-7215.50	-1999.30	256.20
334	NEPRAVDA	-8165.70	0.10	3.07
2073	NEPRAVDA	-8511.77	-1320.51	-118.96
63	NEPRAVDA	-8068.58	-304.52	73.20
50	NEPRAVDA	-8353.61	-663.06	10.29
165	NEPRAVDA	-8472.64	-1273.79	-24.13
236	NEPRAVDA	-8120.94	-149.14	3.06
252	NEPRAVDA	-7053.21	-1977.89	-39.31
1310	NEPRAVDA	-7896.85	-958.28	-44.72
188	NEPRAVDA	-7952.32	105.86	-180.48
9	NEPRAVDA	-8119.95	243.46	73.10
59	NEPRAVDA	-9569.53	-330.17	64.75
53	NEPRAVDA	-7817.83	700.97	34.34
15	NEPRAVDA	-8300.86	426.14	8.40
103	NEPRAVDA	-8770.63	-278.54	48.06
55	NEPRAVDA	-9196.56	-183.95	-25.64
25	NEPRAVDA	-8989.78	-213.18	213.71
124	NEPRAVDA	-7878.95	479.77	12.94
344	NEPRAVDA	-8254.25	849.83	-63.14
1090	NEPRAVDA	-8954.19	-96.64	55.63
345	NEPRAVDA	-8861.30	-1717.72	-2.42
513	NEPRAVDA	-6616.83	-528.67	76.57
314	NEPRAVDA	-8939.19	601.06	159.26
382	NEPRAVDA	-5875.10	1825.95	-70.07
562	NEPRAVDA	-7497.36	152.16	-30.70
191	NEPRAVDA	-8074.61	-96.03	41.06

116	NEPRAVDA	-9152.33	304.67	81.10
103	NEPRAVDA	-11839.89	-1499.92	383.30
18	NEPRAVDA	-8929.83	133.79	61.54
25	NEPRAVDA	-8375.02	100.42	-79.99
367	NEPRAVDA	-7915.22	979.88	68.87
43	NEPRAVDA	-7583.66	-748.62	121.52
172	NEPRAVDA	-8132.65	-184.61	31.94
603	NEPRAVDA	-6633.03	-441.89	48.43
245	NEPRAVDA	-7835.54	-293.02	-24.25
85	NEPRAVDA	-8525.22	335.77	33.25
193	NEPRAVDA	-7321.76	-293.89	14.18
102	NEPRAVDA	-8147.44	-590.50	-64.50
228	NEPRAVDA	-7540.18	-337.87	-20.11
419	NEPRAVDA	-7506.48	-438.52	-58.56
219	NEPRAVDA	-8726.14	-242.53	22.56
25	NEPRAVDA	-9015.63	-186.03	59.71
40	NEPRAVDA	-9586.07	-59.76	60.73
87	NEPRAVDA	-8210.02	150.87	38.17
90	NEPRAVDA	-8407.22	-560.82	-81.54
65	NEPRAVDA	-8237.47	299.69	19.79
585	NEPRAVDA	-8565.19	-546.26	-107.51
51	NEPRAVDA	-8176.30	-92.00	307.94
66	NEPRAVDA	-11618.33	-853.73	285.64
42	NEPRAVDA	-9155.62	236.74	-28.41
89	NEPRAVDA	-8815.68	-39.87	108.27
20	NEPRAVDA	-8802.40	-404.26	88.06
110	NEPRAVDA	-9689.94	-1078.97	187.02
44	NEPRAVDA	-8324.37	-548.03	-87.87
1310	NEPRAVDA	-7896.85	-958.28	-44.72
1090	NEPRAVDA	-8954.19	-96.64	55.63
1362	NEPRAVDA	-8095.94	-390.68	-90.60
57	NEPRAVDA	-8359.15	-1113.85	-129.62
629	NEPRAVDA	-7039.30	-1653.78	104.31
55	NEPRAVDA	-7963.88	-335.30	-117.79
39	NEPRAVDA	-8153.71	173.87	101.92
328	NEPRAVDA	-8126.18	-359.45	-18.42
87	NEPRAVDA	-8897.14	-687.83	23.91
214	NEPRAVDA	-9241.44	106.93	44.79
129	NEPRAVDA	-7970.59	-503.56	42.30
282	NEPRAVDA	-8071.47	-141.24	7.93
168	NEPRAVDA	-7709.04	-352.95	-51.71
294	NEPRAVDA	-8000.30	-372.20	6.99
318	NEPRAVDA	-8052.98	549.31	-44.11
103	NEPRAVDA	-7677.08	-95.13	37.41
328	NEPRAVDA	-8126.18	-359.45	-18.42
201	NEPRAVDA	-8358.70	-273.37	-157.29
116	NEPRAVDA	-7695.70	-439.12	278.67
175	NEPRAVDA	-8277.77	396.94	-42.83
351	NEPRAVDA	-7332.50	-498.63	-69.53
15	NEPRAVDA	-7843.91	-447.89	31.10
631	NEPRAVDA	-8829.63	-451.81	26.72

46	NEPRAVDA	-7527.53	-451.79	113.19
55	NEPRAVDA	-8186.24	435.05	139.75
116	NEPRAVDA	-8431.79	361.15	-137.96
52	NEPRAVDA	-7586.65	-675.04	211.83
125	NEPRAVDA	-8048.12	449.89	36.44
78	NEPRAVDA	-7686.19	-244.60	37.59
147	NEPRAVDA	-7582.28	117.66	18.45
72	NEPRAVDA	-8260.79	298.35	104.85
30	NEPRAVDA	-8081.00	-269.84	49.22
244	NEPRAVDA	-8381.94	-178.72	-19.50
147	NEPRAVDA	-7582.28	117.66	18.45
842	NEPRAVDA	-7847.63	-19.98	-1.69
547	NEPRAVDA	-8502.36	279.23	-110.26
39	NEPRAVDA	-7997.61	-12.46	65.29
46	NEPRAVDA	-8767.91	29.92	18.49
138	NEPRAVDA	-9335.97	137.89	21.23
52	NEPRAVDA	-8930.39	36.28	-26.21
1362	NEPRAVDA	-8095.94	-390.68	-90.60
55	NEPRAVDA	-8831.77	49.92	67.16
127	NEPRAVDA	-8472.22	130.64	-76.80
51	NEPRAVDA	-8108.97	24.04	-74.74
907	NEPRAVDA	-8242.30	28.80	-32.81
259	NEPRAVDA	-7624.54	-484.55	175.65
55	NEPRAVDA	-8831.77	49.92	67.16
103	NEPRAVDA	-9037.03	-33.78	19.63
103	NEPRAVDA	-9037.03	-33.78	19.63
138	NEPRAVDA	-9335.97	137.89	21.23
457	NEPRAVDA	-8416.30	-363.25	47.25
59	NEPRAVDA	-8201.31	-430.06	-158.51
409	NEPRAVDA	-8606.61	43.36	169.99
228	NEPRAVDA	-9024.47	-679.69	-72.39
30	NEPRAVDA	-10657.15	1468.10	71.10
32	NEPRAVDA	-9940.28	1112.77	-17.89
163	NEPRAVDA	-8950.66	374.29	133.24
68	NEPRAVDA	-10136.49	-1053.36	-217.19
81	NEPRAVDA	-12236.69	-1099.22	229.03
173	NEPRAVDA	-10773.02	543.31	86.80
620	NEPRAVDA	-7260.12	-2040.79	-74.78
25	NEPRAVDA	-10024.78	-330.44	-141.96
116	NEPRAVDA	-8621.28	2373.27	-172.33
59	NEPRAVDA	-9569.53	-330.17	64.75
164	NEPRAVDA	-10865.01	-389.90	35.13
72	NEPRAVDA	-8831.11	-172.17	125.82
52	NEPRAVDA	-8390.69	125.52	47.06
38	NEPRAVDA	-9786.03	-285.43	123.16
83	NEPRAVDA	-9343.99	-588.47	88.28
59	NEPRAVDA	-9225.68	-56.11	12.12
32	NEPRAVDA	-8359.51	2130.48	-197.74
399	NEPRAVDA	-9001.93	465.97	27.73
92	NEPRAVDA	-7904.44	795.80	-140.19
122	NEPRAVDA	-8793.72	-447.85	-158.13

137	NEPRAVDA	-8603.53	-273.81	-84.18
94	NEPRAVDA	-9765.91	2145.94	19.65
40	NEPRAVDA	-8698.54	-136.55	22.71
110	NEPRAVDA	-10029.59	-843.89	-238.35
110	NEPRAVDA	-10029.59	-843.89	-238.35
35	NEPRAVDA	-9350.75	35.55	-251.05
399	NEPRAVDA	-9001.93	465.97	27.73
68	NEPRAVDA	-7608.92	1651.38	59.33
61	NEPRAVDA	-8072.18	812.53	-145.74
67	NEPRAVDA	-10458.78	278.19	-18.27
95	NEPRAVDA	-9686.79	-1089.93	-114.27
126	NEPRAVDA	-11749.45	-1037.99	330.83
81	NEPRAVDA	-10950.71	886.74	-111.91
74	NEPRAVDA	-8297.43	2325.26	-264.31
51	NEPRAVDA	-7080.06	3518.00	79.43
89	NEPRAVDA	-10749.92	1058.79	-147.09
81	NEPRAVDA	-10950.71	886.74	-111.91
385	NEPRAVDA	-6770.49	2991.25	84.91
47	NEPRAVDA	-9407.49	-17.36	-9.17
168	NEPRAVDA	-10828.20	-1953.66	119.86
153	NEPRAVDA	-9091.80	296.15	-10.35
51	NEPRAVDA	-8889.13	2746.62	-16.47
402	NEPRAVDA	-9720.63	1618.71	-123.29
142	NEPRAVDA	-9004.54	2751.22	-28.82
147	NEPRAVDA	-9838.31	2035.77	42.62
140	NEPRAVDA	-9745.12	2726.12	-27.11
107	NEPRAVDA	-8336.11	1834.28	-44.48
285	NEPRAVDA	-10003.65	2293.08	-53.95
106	NEPRAVDA	-7019.15	3079.11	116.15
57	NEPRAVDA	-9784.25	2283.76	-45.11
31	NEPRAVDA	-8927.31	932.36	-0.69
270	NEPRAVDA	-10682.26	993.14	-98.35
22	NEPRAVDA	-8907.18	1331.74	-61.17
111	NEPRAVDA	-10110.05	1346.23	-99.75
124	NEPRAVDA	-6069.36	-1139.72	-19.13
42	NEPRAVDA	-7770.76	1672.34	125.30
25	NEPRAVDA	-9376.79	114.13	199.42
137	NEPRAVDA	-11663.54	-2170.99	71.02
108	NEPRAVDA	-9340.48	-684.47	32.95
120	NEPRAVDA	-9407.29	-624.78	14.14
86	NEPRAVDA	-12219.36	-1474.25	301.25
67	NEPRAVDA	-11921.15	-1064.03	23.25
92	NEPRAVDA	-11173.20	-776.31	164.84
57	NEPRAVDA	-6156.32	4645.20	33.15
85	NEPRAVDA	-7382.41	2384.50	21.25
59	NEPRAVDA	-10719.60	1086.15	17.81
24	NEPRAVDA	-10084.95	3333.94	30.15
24	NEPRAVDA	-10084.95	3333.94	30.15
124	NEPRAVDA	-6069.36	-1139.72	-19.13
382	NEPRAVDA	-5875.10	1825.95	-70.07
428	NEPRAVDA	-6546.76	2276.68	60.96

43	NEPRAVDA	-7614.33	93.98	-69.47
37	NEPRAVDA	-8226.91	303.40	-128.17
196	NEPRAVDA	-8413.24	272.09	-150.00
385	NEPRAVDA	-7747.40	275.21	63.32
201	NEPRAVDA	-8965.69	12.39	-132.75
20	NEPRAVDA	-10275.77	-600.05	-44.77
18	NEPRAVDA	-10377.13	1478.96	-147.16
128	NEPRAVDA	-11364.38	-979.88	-153.81
16	NEPRAVDA	-9634.94	137.59	-7.65
46	NEPRAVDA	-8624.22	-941.08	147.73
130	NEPRAVDA	-7914.25	-355.38	-2.33
538	NEPRAVDA	-6923.32	-310.84	71.12

radial_velocity	radial_velocity_std	radial_velocity_error	radial_velocity_n_stars	class_2.5
8.17	16.27	5.75	8	0.9916
-23.91	33.86	6.52	27	0.9838
8.17	16.27	5.75	8	0.9916
-18.11	19.45	3.55	30	0.8369
-10.53	18.52	1.26	215	0.9670
1.38	16.37	1.57	109	0.9934
-20.36	12.19	2.39	26	0.9973
2.02	19.19	1.30	218	0.9966
8.17	16.27	5.75	8	0.9916
48.59	6.80	2.40	8	0.1990
35.65	18.08	2.24	65	0.9981
31.88	38.06	8.31	21	0.5540
-22.37	8.47	2.82	9	0.3597
-21.82	5.82	1.75	11	0.9675
-7.36	25.77	8.15	10	0.7012
4.82	11.20	2.57	19	0.4646
-0.35	44.35	9.92	20	0.9730
18.20	35.69	11.29	10	0.9791
-8.23	8.13	2.57	10	0.0008
-4.57	23.07	5.77	16	0.9906
-12.88	22.30	9.97	5	0.9958
-2.90	14.30	4.77	9	0.2529
-15.65	20.71	11.95	3	0.8762
0.09	24.56	10.03	6	0.0225
-12.02	11.97	1.12	114	0.9974
-7.15	11.61	8.21	2	0.0055
-3.07	6.17	2.76	5	0.9986
			0	0.0041
-30.80	31.90	4.22	57	0.9442
-30.80	31.90	4.22	57	0.9442
11.00	26.22	15.14	3	0.1756
-53.53	2.58	1.83	2	0.9318
-3.72	14.77	1.46	103	0.9836
15.31	12.17	1.92	40	0.7124
-5.23	8.16	1.70	23	0.1642
-0.14	8.93	1.09	67	0.2211
46.53	33.96	8.01	18	0.9908
-10.10	14.51	1.40	107	0.9504
13.68	7.53	1.42	28	0.2941
-21.68	12.50	2.95	18	0.9896
-5.36	5.83	0.63	87	0.9912
39.81	13.93	5.69	6	0.5976
10.14	9.66	1.01	92	0.9855
-0.87	18.56	1.25	220	0.9711
15.41	10.32	1.21	73	0.8935
-3.66	10.11	1.47	47	0.8125
-25.30	16.65	2.48	45	0.9596
19.62	12.80	3.55	13	0.2859
-7.77	11.72	1.04	127	0.2608
27.98	12.20	1.16	110	0.0038

-0.87	18.56	1.25	220	0.9711
-5.36	5.83	0.63	87	0.9912
55.73	16.84	5.96	8	0.4168
			0	0.0004
26.74	8.26	4.13	4	0.0978
-5.96	0.81	0.57	1	0.7270
-35.24	28.15	8.49	11	0.0011
0.78	16.57	4.60	13	0.9487
-0.55	20.87	7.38	8	0.9587
3.32	10.09	4.12	6	0.1110
-7.77	11.72	1.04	127	0.2608
-19.73	24.19	2.10	133	0.9374
-16.60	16.13	4.47	13	0.3860
12.84	13.31	1.16	132	0.7442
-5.36	5.83	0.63	87	0.9912
-19.26	3.57	0.41	75	0.9872
15.41	10.32	1.21	73	0.8935
-27.90	10.23	0.75	188	0.9648
11.01	7.14	1.12	41	0.9576
0.97	16.48	4.57	13	0.9764
8.73	8.68	1.29	45	0.9876
-19.73	24.19	2.10	133	0.9374
4.49	8.82	1.45	37	0.4185
1.83	30.75	2.44	159	0.9364
6.22	20.30	5.24	15	0.2707
24.33	12.03	2.27	28	0.6832
18.91	14.20	1.79	63	0.6762
-12.72	6.35	0.75	72	0.8191
-5.83	8.67	0.83	110	0.9550
27.10	17.96	4.36	17	0.9667
10.14	9.66	1.01	92	0.9855
-23.90	8.08	1.96	17	0.9055
-0.25	12.63	2.53	25	0.5669
-3.15	6.72	0.75	80	0.9565
9.48	18.97	6.32	9	0.9590
36.04	15.35	2.34	43	0.1402
18.91	14.20	1.79	63	0.6762
-10.08	10.89	1.18	85	0.4726
-26.42	7.34	1.64	20	0.9821
20.99	12.45	2.31	29	0.0094
-5.22	13.12	1.68	61	0.9980
8.74	17.99	1.99	82	0.9923
17.22	25.67	6.22	17	0.9484
20.65	11.22	2.39	22	0.8942
23.07	7.20	0.32	513	0.8690
-15.35	21.55	3.50	38	0.8698
-8.72	13.73	2.59	28	0.9062
-21.37	13.01	4.34	9	0.8413
11.68	24.36	3.23	57	0.0519
7.34	19.20	4.80	16	0.9939
16.42	13.02	2.72	23	0.7926

2.67	5.05	0.82	38	0.7074
-12.77	15.90	4.10	15	0.3611
-4.18	2.04	0.64	10	0.7708
14.40	15.38	2.32	44	0.6677
-5.36	5.83	0.63	87	0.9912
-14.55	8.71	0.44	387	0.9765
-24.59	10.41	2.39	19	0.9287
-14.63	2.84	1.27	1	0.9891
19.47	8.11	0.64	160	0.9745
13.46	11.58	1.22	90	0.9735
4.22	12.63	1.23	106	0.9408
34.31	9.40	0.67	197	0.9717
-13.26	4.95	0.46	114	0.9679
-0.24	9.10	0.91	99	0.9731
-13.26	11.01	0.80	191	0.8191
23.63	6.48	1.49	19	0.4697
23.07	7.20	0.32	513	0.8690
30.68	50.01	16.67	9	0.9241
24.23	9.68	1.74	31	0.8974
0.53	19.55	3.40	33	0.7912
-7.35	4.29	1.07	16	0.3459
-13.26	4.95	0.46	114	0.9679
-0.17	4.66	0.55	73	0.8833
-22.84	14.52	2.19	44	0.0618
34.98	7.53	2.27	11	0.0002
-22.54	15.71	3.51	20	0.9882
39.26	6.66	0.42	252	0.9583
7.93	37.02	1.85	400	0.9673
3.59	8.66	1.64	28	0.9662
34.80	24.22	6.99	12	0.1149
8.10	28.04	7.78	13	0.9421
13.46	11.58	1.22	90	0.9735
-1.02	20.94	12.09	3	0.9910
-3.73	14.97	0.73	416	0.9956
-10.08	10.89	1.18	85	0.4726
-24.58	1.14	0.66	3	0.9669
34.35	6.58	4.66	2	0.9917
-12.41	8.24	2.60	10	0.2430
-8.32	4.41	1.97	5	0.8181
21.55	33.11	8.55	15	0.1336
5.48	22.08	11.04	4	0.9850
-10.06	16.21	8.11	4	0.9593
-16.12	7.94	1.24	41	0.9028
-10.48	14.24	1.54	85	0.9961
-9.30	19.53	1.04	356	0.9942
46.53	33.96	8.01	18	0.9908
-7.45	11.82	2.12	31	0.9808
-10.18	21.10	3.34	40	0.8983
55.28	27.14	12.14	5	0.9462
2.02	19.19	1.30	218	0.9966
12.90	8.85	0.86	106	0.9962

-17.42	15.84	4.39	13	0.9952
37.26	8.36	5.91	2	0.9908
-7.07	10.84	4.85	5	0.9876
21.02	99.38	49.69	4	0.6767
-7.65	21.47	2.95	53	0.0286
-33.01	16.94	5.36	10	0.6124
15.01	9.47	1.16	67	0.5322
-30.80	31.90	4.22	57	0.9442
-2.75	7.43	0.95	61	0.9364
-13.19	8.70	1.56	31	0.9615
8.01	12.34	1.50	68	0.9972
18.41	8.57	1.47	34	0.7065
-20.04	8.50	0.83	104	0.9937
7.73	18.50	1.56	141	0.9832
4.19	27.59	5.04	30	0.2496
-10.76	11.25	4.59	6	0.9616
4.74	22.75	16.09	2	0.9698
-9.81	8.28	1.51	30	0.8164
18.56	17.16	3.19	29	0.9945
-19.28	20.99	3.90	29	0.1973
22.95	5.10	0.32	256	0.9905
8.14	11.50	2.97	15	0.7902
51.28	16.29	8.15	4	0.9126
3.90	18.62	9.31	4	0.0023
2.48	12.96	2.00	42	0.8652
41.11	8.97	5.18	3	0.9078
45.94	17.66	7.21	6	0.9905
22.74	22.41	7.09	10	0.0524
-3.73	14.97	0.73	416	0.9956
-9.30	19.53	1.04	356	0.9942
23.07	7.20	0.32	513	0.8690
26.34	14.20	4.28	11	0.9187
-11.72	23.13	7.31	10	0.9970
2.97	4.15	0.85	24	0.6755
-14.11	9.14	2.10	19	0.0392
20.77	18.76	2.05	84	0.2256
31.63	13.25	2.46	29	0.9109
-5.13	21.08	3.14	45	0.9982
-2.46	11.54	1.56	55	0.4311
15.93	20.07	1.81	123	0.9959
8.73	10.95	1.34	67	0.7922
13.41	18.71	1.75	114	0.9687
-6.49	6.24	0.51	148	0.9870
-10.46	15.39	2.35	43	0.9589
20.77	18.76	2.05	84	0.2256
20.72	7.70	0.83	86	0.1457
-8.65	18.96	3.65	27	0.4738
-3.15	6.72	0.75	80	0.9565
1.38	16.37	1.57	109	0.9934
-11.90	5.92	2.24	7	0.8728
25.80	13.25	0.96	189	0.9757

-12.30	18.26	7.46	6	0.9789
-35.24	28.15	8.49	11	0.0011
-6.99	12.44	1.78	49	0.8055
-17.05	9.95	3.32	9	0.9922
-7.21	9.06	1.43	40	0.8993
-18.54	9.27	1.59	34	0.9518
-3.45	13.18	1.92	47	0.9924
-44.97	38.51	10.68	13	0.0628
7.08	4.27	1.14	14	0.2630
22.77	10.09	1.26	64	0.9844
-3.45	13.18	1.92	47	0.9924
-14.55	8.71	0.44	387	0.9765
-7.08	10.62	0.70	228	0.9730
-4.23	12.96	3.06	18	0.9210
-5.93	20.81	5.05	17	0.1698
4.79	21.73	5.12	18	0.9976
-9.32	14.63	4.22	12	0.9595
23.07	7.20	0.32	513	0.8690
-8.72	13.73	2.59	28	0.9062
19.60	15.87	2.85	31	0.9266
15.21	9.32	1.76	28	0.6428
5.34	21.89	1.10	398	0.9412
-10.10	14.51	1.40	107	0.9504
-8.72	13.73	2.59	28	0.9062
-0.21	18.08	3.30	30	0.9858
-0.21	18.08	3.30	30	0.9858
4.79	21.73	5.12	18	0.9976
34.31	9.40	0.67	197	0.9717
16.84	13.23	2.89	21	0.3209
19.47	8.11	0.64	160	0.9745
10.28	24.09	4.47	29	0.9387
-48.27	0.41	0.29	2	0.3933
			0	0.1746
-7.39	11.97	2.08	33	0.9801
39.24	12.92	9.13	2	0.9751
19.56	3.66	1.64	5	0.4735
-3.07	6.17	2.76	5	0.9986
8.17	16.27	5.75	8	0.9916
			0	0.9936
-31.72	16.54	7.40	5	0.9962
34.35	6.58	4.66	2	0.9917
25.59	14.56	6.51	5	0.9896
4.33	11.86	3.42	12	0.5108
13.83	3.77	0.67	32	0.0005
22.54	44.25	25.55	3	0.8676
10.30	22.76	6.57	12	0.9719
11.54	17.01	4.25	16	0.9930
			0	0.9780
-12.02	11.97	1.12	114	0.9974
-9.22	9.94	2.12	22	0.3913
86.29	187.26	51.94	13	0.0105

40.00	7.79	1.06	54	0.4050
			0	0.5697
18.31	7.84	2.26	12	0.4616
22.99	7.96	4.59	3	0.9903
22.99	7.96	4.59	3	0.9903
8.21	26.27	13.13	4	0.9803
-12.02	11.97	1.12	114	0.9974
-22.69	15.04	5.69	7	0.9758
-14.70	10.78	2.20	24	0.9858
1.10	2.58	1.82	2	0.9973
26.57	26.03	11.64	5	0.9986
52.69	18.80	13.29	2	0.2735
			0	0.9498
-4.80	9.84	5.68	1	0.9570
			0	0.3391
			0	0.9491
			0	0.9498
10.51	12.78	7.38	3	0.9785
-3.07	12.08	6.04	4	0.9446
73.02	22.77	10.18	5	0.9897
-26.14	20.49	4.37	22	0.9936
-22.31	64.87	22.94	1	0.4627
-67.64	25.53	10.42	6	0.9967
-29.79	57.43	25.68	5	0.9880
			0	0.9556
-67.25	2.24	1.59	2	0.9495
-7.68	32.83	18.96	3	0.9924
-48.22	18.44	13.04	2	0.9885
-4.26	1.64	0.95	3	0.9189
			0	0.6346
-18.60	22.72	7.19	1	0.8455
-14.33	26.34	18.63	2	0.0351
			0	0.7180
			0	0.9724
-39.90	1.07	0.62	3	0.6147
-60.10	39.64	17.73	5	0.7063
-20.94	17.59	5.56	10	0.8871
69.25	0.62	0.62	1	0.8255
10.77	42.51	19.01	5	0.9815
25.92	18.92	4.34	19	0.9982
35.37	6.97	4.02	1	0.9852
32.20	14.21	8.20	1	0.0494
			0	0.6796
			0	0.0051
8.80	24.01	16.98	2	0.0330
-14.77	9.98	7.06	1	0.1051
			0	0.4188
			0	0.4188
-39.90	1.07	0.62	3	0.6147
55.28	27.14	12.14	5	0.9462
20.64	24.54	4.27	33	0.9873

-2.23	17.67	4.16	18	0.9625
-5.51	6.78	1.41	23	0.3096
5.71	10.26	0.88	135	0.9379
-24.88	9.88	0.66	221	0.9453
2.04	10.30	1.47	49	0.9948
			0	0.9740
			0	0.7106
			0	0.1894
			0	0.7530
8.55	7.24	2.41	9	0.9831
1.39	10.83	1.58	47	0.6888
-5.19	28.79	4.73	37	0.9992

class_16	class_50	class_84	class_97.5	human_class	log_age_16	log_age_50	log_age_84	a_v_16
0.9980	0.9990	1.0000	1.0000		8.267	8.461	8.630	1.079
0.9943	0.9965	0.9998	1.0000		7.723	7.925	8.108	1.810
0.9980	0.9990	1.0000	1.0000		8.267	8.461	8.630	1.079
0.9634	0.9793	0.9992	0.9992		6.965	7.177	7.331	0.967
0.9926	0.9959	0.9999	1.0000		7.478	7.719	7.959	0.171
0.9986	0.9993	1.0000	1.0000		7.749	7.959	8.170	0.331
0.9995	0.9997	1.0000	1.0000	TP	8.162	8.322	8.506	1.040
0.9993	0.9996	1.0000	1.0000		7.750	7.982	8.123	1.165
0.9980	0.9990	1.0000	1.0000		8.267	8.461	8.630	1.079
0.4908	0.6463	0.9521	0.9820		7.314	7.629	7.876	3.003
0.9997	0.9999	1.0000	1.0000		7.916	8.119	8.283	1.134
0.8166	0.8771	0.9801	0.9851		6.482	6.614	6.727	1.412
0.8127	0.9077	0.9956	0.9970		7.854	8.029	8.308	0.454
0.9937	0.9971	1.0000	1.0000		7.732	8.037	8.252	0.474
0.9605	0.9835	0.9999	0.9999		8.435	8.641	8.898	0.186
0.8860	0.9460	0.9999	0.9999		7.835	8.136	8.418	0.000
0.9903	0.9944	0.9995	0.9999	TP	8.610	8.761	8.942	0.929
0.9967	0.9983	1.0000	1.0000		6.400	6.534	6.594	0.393
0.0008	0.1955	0.3450	0.8111		7.616	7.846	8.053	1.077
0.9983	0.9992	1.0000	1.0000		8.063	8.257	8.500	0.480
0.9996	0.9998	1.0000	1.0000		7.993	8.219	8.428	0.760
0.7782	0.8959	0.9993	0.9993		7.256	7.478	7.695	0.175
0.9938	0.9983	1.0000	1.0000		7.811	8.067	8.325	0.716
0.0348	0.1357	0.2063	0.4324		7.033	7.257	7.488	1.495
0.9994	0.9997	1.0000	1.0000		8.147	8.320	8.549	0.732
0.0114	0.2143	0.3404	0.7541		7.317	7.618	7.849	2.940
0.9999	0.9999	1.0000	1.0000		8.135	8.317	8.502	1.097
0.0058	0.1219	0.2151	0.6141	FP?	7.659	7.958	8.229	2.114
0.9769	0.9842	0.9980	0.9990		6.508	6.640	6.734	1.343
0.9769	0.9842	0.9980	0.9990		6.508	6.640	6.734	1.343
0.3803	0.5666	0.8151	0.9088		6.632	6.805	6.943	1.586
0.9803	0.9874	0.9997	0.9999	TP	7.053	7.249	7.413	3.021
0.9961	0.9978	1.0000	1.0000		7.875	8.089	8.278	1.050
0.9446	0.9718	0.9998	0.9998		7.245	7.534	7.759	0.007
0.6172	0.7849	0.9981	0.9981		7.905	8.263	8.528	0.000
0.6773	0.8058	0.9929	0.9981		7.613	7.901	8.142	0.057
0.9975	0.9987	1.0000	1.0000		8.347	8.529	8.692	1.122
0.9925	0.9963	1.0000	1.0000		7.965	8.184	8.420	0.053
0.7880	0.8947	0.9985	0.9985		7.696	8.000	8.263	0.000
0.9976	0.9986	0.9999	1.0000		7.752	7.999	8.167	0.529
0.9983	0.9992	1.0000	1.0000		7.824	8.102	8.346	0.000
0.9275	0.9624	0.9991	0.9997		7.230	7.486	7.770	0.000
0.9969	0.9983	1.0000	1.0000		7.040	7.337	7.557	0.000
0.9948	0.9972	1.0000	1.0000		7.477	7.745	7.972	0.068
0.9822	0.9898	0.9999	0.9999		7.852	8.119	8.399	0.001
0.9644	0.9815	0.9999	0.9999		7.960	8.214	8.461	0.024
0.9917	0.9958	1.0000	1.0000		7.985	8.201	8.437	0.618
0.8005	0.8998	0.9986	0.9986		7.471	7.843	8.112	0.009
0.7283	0.8648	0.9977	0.9981		7.880	8.174	8.443	0.000
0.0038	0.0951	0.1774	0.5345		7.637	7.944	8.180	0.018

0.9948	0.9972	1.0000	1.0000	7.477	7.745	7.972	0.068
0.9983	0.9992	1.0000	1.0000	7.824	8.102	8.346	0.000
0.6898	0.7905	0.9607	0.9909	8.529	8.767	8.996	0.180
0.0004	0.0489	0.1069	0.5578	7.321	7.688	7.944	1.407
0.3292	0.5564	0.8997	0.9668 TP	8.425	8.593	8.797	1.421
0.9609	0.9809	0.9999	0.9999	7.888	8.080	8.282	0.854
0.0018	0.1058	0.1772	0.4999	6.706	6.928	7.088	0.585
0.9879	0.9930	0.9998	1.0000 TP	7.820	8.014	8.231	0.737
0.9928	0.9964	1.0000	1.0000	8.093	8.327	8.513	0.829
0.5617	0.7773	0.9977	0.9979	7.898	8.161	8.468	0.056
0.7283	0.8648	0.9977	0.9981	7.880	8.174	8.443	0.000
0.9828	0.9899	0.9994	0.9999	7.652	7.886	8.125	0.810
0.8676	0.9298	0.9993	0.9999	7.809	8.067	8.352	0.003
0.9524	0.9742	0.9990	0.9998	7.226	7.440	7.672	0.023
0.9983	0.9992	1.0000	1.0000	7.824	8.102	8.346	0.000
0.9978	0.9989	1.0000	1.0000	8.202	8.412	8.640	0.193
0.9822	0.9898	0.9999	0.9999	7.852	8.119	8.399	0.001
0.9924	0.9954	0.9999	1.0000	8.478	8.674	8.902	0.238
0.9910	0.9953	0.9999	1.0000	7.247	7.488	7.741	0.017
0.9978	0.9992	1.0000	1.0000	8.128	8.360	8.565	0.216
0.9980	0.9990	1.0000	1.0000	7.852	8.100	8.366	0.000
0.9828	0.9899	0.9994	0.9999	7.652	7.886	8.125	0.810
0.9015	0.9542	0.9999	0.9999	7.936	8.144	8.422	0.088
0.9890	0.9945	0.9999	1.0000	6.720	6.983	7.160	0.059
0.6106	0.7471	0.9581	0.9745	6.502	6.728	6.853	0.605
0.9415	0.9711	0.9998	0.9999	7.726	8.004	8.235	0.000
0.9514	0.9759	0.9999	0.9999	7.533	7.760	8.013	0.000
0.9711	0.9838	0.9998	0.9999	7.837	8.093	8.316	0.069
0.9929	0.9962	1.0000	1.0000	7.856	8.172	8.411	0.004
0.9884	0.9930	0.9992	0.9998	8.495	8.691	8.868	0.385
0.9969	0.9983	1.0000	1.0000	7.040	7.337	7.557	0.000
0.9769	0.9881	0.9999	0.9999	7.682	8.015	8.310	0.000
0.9278	0.9703	0.9999	0.9999	7.960	8.205	8.492	0.035
0.9935	0.9969	1.0000	1.0000	7.806	8.095	8.306	0.053
0.9945	0.9974	1.0000	1.0000	7.728	7.997	8.238	0.235
0.6621	0.8275	0.9993	0.9993	7.822	8.113	8.353	0.035
0.9514	0.9759	0.9999	0.9999	7.533	7.760	8.013	0.000
0.9048	0.9563	0.9993	0.9995	7.849	8.131	8.375	0.000
0.9963	0.9980	1.0000	1.0000	7.663	7.931	8.174	0.122
0.0117	0.3069	0.4721	0.8465	7.590	7.833	8.083	0.052
0.9996	0.9998	1.0000	1.0000	8.104	8.274	8.501	1.107
0.9987	0.9993	1.0000	1.0000	7.718	7.924	8.133	0.440
0.9860	0.9915	0.9992	0.9999	6.560	6.723	6.866	0.392
0.9789	0.9886	0.9997	0.9999	7.839	8.139	8.367	0.046
0.9778	0.9894	1.0000	1.0000	7.863	8.098	8.402	0.028
0.9760	0.9877	0.9997	0.9997	7.718	8.015	8.231	0.012
0.9863	0.9934	1.0000	1.0000	8.306	8.505	8.721	0.267
0.9584	0.9777	0.9997	0.9997	7.844	8.150	8.505	0.000
0.1689	0.4223	0.6385	0.8142	6.547	6.778	6.940	2.171
0.9994	0.9997	1.0000	1.0000	8.112	8.366	8.540	0.427
0.9673	0.9849	1.0000	1.0000	6.968	7.197	7.449	0.008

0.9590	0.9801	0.9998	0.9998	7.784	8.116	8.354	0.000
0.9093	0.9602	0.9999	0.9999	7.969	8.240	8.533	0.000
0.9716	0.9867	1.0000	1.0000	7.981	8.250	8.528	0.000
0.9344	0.9666	0.9982	0.9994	7.212	7.466	7.676	0.237
0.9983	0.9992	1.0000	1.0000	7.824	8.102	8.346	0.000
0.9954	0.9976	1.0000	1.0000	8.046	8.232	8.524	0.063
0.9864	0.9930	1.0000	1.0000	7.453	7.745	8.066	0.000
0.9977	0.9989	1.0000	1.0000	8.377	8.528	8.743	1.204
0.9951	0.9974	1.0000	1.0000	8.141	8.438	8.653	0.060
0.9944	0.9974	1.0000	1.0000	7.159	7.437	7.677	0.000
0.9912	0.9960	1.0000	1.0000	7.951	8.239	8.569	0.000
0.9950	0.9977	1.0000	1.0000	7.800	8.036	8.292	0.018
0.9922	0.9962	1.0000	1.0000	8.338	8.538	8.769	0.672
0.9943	0.9968	1.0000	1.0000	8.445	8.672	8.940	0.017
0.9673	0.9826	0.9997	0.9998	7.933	8.217	8.453	0.052
0.9064	0.9513	0.9996	0.9998	7.836	8.107	8.377	0.007
0.9778	0.9894	1.0000	1.0000	7.863	8.098	8.402	0.028
0.9825	0.9907	0.9999	1.0000	6.593	6.885	7.068	0.316
0.9830	0.9929	1.0000	1.0000	7.673	7.897	8.184	0.012
0.9656	0.9842	0.9999	0.9999	7.905	8.144	8.427	0.001
0.8179	0.9092	0.9994	0.9992	8.205	8.443	8.840	0.007
0.9922	0.9962	1.0000	1.0000	8.338	8.538	8.769	0.672
0.9769	0.9881	0.9998	1.0000	8.621	8.816	9.036	0.000
0.4920	0.7321	0.9999	0.9999	8.100	8.445	8.702	0.016
0.0009	0.0674	0.1279	0.5673	7.698	7.936	8.247	0.029
0.9971	0.9984	1.0000	1.0000	8.761	8.908	9.092	0.657
0.9915	0.9954	1.0000	1.0000	8.549	8.761	8.996	0.022
0.9874	0.9925	0.9996	0.9998	8.689	8.846	9.025	0.854
0.9934	0.9969	1.0000	1.0000	7.770	8.033	8.287	0.000
0.7359	0.8984	0.9998	0.9998	8.480	8.674	8.968	0.053
0.9823	0.9881	0.9994	0.9997	6.534	6.712	6.808	0.774
0.9944	0.9974	1.0000	1.0000	7.159	7.437	7.677	0.000
0.9990	0.9996	1.0000	1.0000	7.341	7.552	7.730	0.582
0.9993	0.9997	1.0000	1.0000	8.006	8.220	8.458	0.017
0.9048	0.9563	0.9993	0.9995	7.849	8.131	8.375	0.000
0.9927	0.9961	1.0000	1.0000	7.133	7.431	7.633	0.000
0.9982	0.9990	1.0000	1.0000	7.942	8.126	8.346	0.683
0.7838	0.8978	0.9966	0.9983	7.552	7.786	8.016	0.371
0.9715	0.9872	1.0000	1.0000	6.621	6.843	7.008	1.496
0.3301	0.5710	0.8635	0.9567	6.591	6.756	6.907	0.250
0.9966	0.9982	1.0000	1.0000	7.826	8.024	8.282	0.666
0.9933	0.9967	1.0000	1.0000	7.840	8.084	8.325	0.000
0.9867	0.9932	1.0000	1.0000	7.631	7.892	8.177	0.023
0.9993	0.9997	1.0000	1.0000	7.803	8.026	8.224	0.405
0.9991	0.9995	1.0000	1.0000	8.002	8.209	8.414	0.432
0.9975	0.9987	1.0000	1.0000	8.347	8.529	8.692	1.122
0.9942	0.9964	0.9999	1.0000 TP	7.977	8.179	8.341	1.854
0.9544	0.9675	0.9927	0.9978	6.471	6.593	6.677	1.886
0.9817	0.9887	0.9997	0.9999	7.486	7.670	7.885	3.371
0.9993	0.9996	1.0000	1.0000	7.750	7.982	8.123	1.165
0.9996	0.9998	1.0000	1.0000	6.647	6.924	7.093	0.019

0.9992	0.9996	1.0000	1.0000 TP	7.737	7.945	8.159	0.421
0.9978	0.9988	1.0000	1.0000	7.672	7.900	8.123	0.506
0.9979	0.9990	1.0000	1.0000	7.732	7.963	8.216	0.499
0.9184	0.9570	0.9999	0.9999	6.400	6.725	6.952	1.990
0.0867	0.2291	0.3451	0.5943	6.547	6.721	6.855	2.108
0.9425	0.9747	0.9999	0.9999	7.755	7.958	8.249	0.172
0.9074	0.9522	0.9991	0.9991	7.310	7.566	7.821	0.000
0.9769	0.9842	0.9980	0.9990	6.508	6.640	6.734	1.343
0.9876	0.9934	0.9999	0.9999	7.037	7.268	7.519	0.038
0.9938	0.9971	1.0000	1.0000	7.952	8.222	8.452	0.382
0.9996	0.9998	1.0000	1.0000	7.881	8.095	8.305	0.331
0.9522	0.9749	0.9993	0.9997	7.577	7.789	8.033	0.509
0.9990	0.9996	1.0000	1.0000	7.791	8.048	8.249	0.147
0.9971	0.9986	1.0000	1.0000 TP	7.852	8.059	8.304	0.213
0.5599	0.7042	0.9522	0.9700	6.467	6.634	6.727	1.049
0.9927	0.9964	1.0000	1.0000	7.815	8.070	8.288	0.312
0.9939	0.9970	1.0000	1.0000	7.646	7.877	8.069	0.704
0.9623	0.9805	0.9987	0.9999	7.325	7.610	7.859	0.000
0.9987	0.9993	1.0000	1.0000	6.914	7.142	7.340	0.011
0.6996	0.8499	0.9978	0.9983	7.676	7.941	8.201	0.061
0.9987	0.9995	1.0000	1.0000	7.986	8.189	8.454	0.000
0.9650	0.9826	0.9996	0.9998	7.115	7.377	7.635	0.000
0.9680	0.9808	0.9979	0.9993	8.536	8.715	8.937	0.265
0.0028	0.1657	0.2900	0.7491 TP?	7.240	7.490	7.759	1.141
0.9707	0.9839	0.9996	0.9998	8.101	8.304	8.554	0.139
0.9775	0.9882	1.0000	1.0000	7.860	8.211	8.528	0.000
0.9984	0.9992	1.0000	1.0000	8.524	8.714	8.943	0.058
0.0455	0.4971	0.7090	0.9807	7.239	7.514	7.784	0.019
0.9993	0.9997	1.0000	1.0000	8.006	8.220	8.458	0.017
0.9991	0.9995	1.0000	1.0000	8.002	8.209	8.414	0.432
0.9778	0.9894	1.0000	1.0000	7.863	8.098	8.402	0.028
0.9863	0.9935	0.9999	0.9999	7.409	7.664	7.869	0.055
0.9996	0.9998	1.0000	1.0000	7.159	7.370	7.520	0.892
0.9549	0.9808	1.0000	1.0000	7.661	8.023	8.262	0.029
0.3381	0.5962	0.9796	0.9810	7.077	7.330	7.547	0.002
0.6885	0.8204	0.9931	0.9963	7.241	7.535	7.796	0.000
0.9887	0.9944	1.0000	1.0000	7.892	8.125	8.357	0.040
0.9999	0.9999	1.0000	1.0000	7.212	7.426	7.623	0.621
0.8899	0.9511	0.9998	0.9998	7.897	8.180	8.390	0.014
0.9992	0.9996	1.0000	1.0000	7.180	7.415	7.677	0.001
0.9669	0.9839	0.9999	0.9999	7.811	8.051	8.275	0.088
0.9927	0.9959	0.9998	1.0000	7.527	7.751	7.984	0.181
0.9976	0.9988	1.0000	1.0000	7.997	8.265	8.486	0.001
0.9907	0.9954	1.0000	1.0000	8.265	8.483	8.708	0.341
0.6885	0.8204	0.9931	0.9963	7.241	7.535	7.796	0.000
0.6194	0.8043	0.9986	0.9986	7.891	8.209	8.419	0.000
0.8987	0.9492	0.9989	0.9994	6.850	7.117	7.329	0.054
0.9935	0.9969	1.0000	1.0000	7.806	8.095	8.306	0.053
0.9986	0.9993	1.0000	1.0000	7.749	7.959	8.170	0.331
0.9806	0.9909	0.9999	1.0000	7.498	7.748	7.998	0.382
0.9974	0.9989	1.0000	1.0000	7.906	8.144	8.404	0.006

0.9976	0.9990	1.0000	1.0000	7.585	7.818	8.056	0.049
0.0018	0.1058	0.1772	0.4999	6.706	6.928	7.088	0.585
0.9710	0.9854	0.9999	0.9999	7.793	8.069	8.308	0.005
0.9988	0.9995	1.0000	1.0000	7.936	8.165	8.400	0.033
0.9826	0.9914	0.9998	0.9999	7.486	7.759	8.027	0.000
0.9890	0.9942	0.9999	1.0000	7.793	8.086	8.331	0.405
0.9985	0.9993	1.0000	1.0000	7.662	7.917	8.103	0.458
0.2190	0.4934	0.7688	0.9106	6.539	6.734	6.882	0.253
0.8140	0.9213	0.9998	0.9997	7.569	7.908	8.133	0.000
0.9960	0.9977	1.0000	1.0000	6.883	7.123	7.352	0.003
0.9985	0.9993	1.0000	1.0000	7.662	7.917	8.103	0.458
0.9954	0.9976	1.0000	1.0000	8.046	8.232	8.524	0.063
0.9953	0.9979	1.0000	1.0000	7.855	8.087	8.367	0.012
0.9878	0.9946	1.0000	1.0000	6.514	6.798	6.980	0.104
0.5784	0.7594	0.9889	0.9906	7.849	8.082	8.288	0.504
0.9995	0.9998	1.0000	1.0000	8.078	8.316	8.508	0.558
0.9953	0.9977	1.0000	1.0000	8.136	8.376	8.640	0.586
0.9778	0.9894	1.0000	1.0000	7.863	8.098	8.402	0.028
0.9863	0.9934	1.0000	1.0000	8.306	8.505	8.721	0.267
0.9805	0.9877	0.9994	0.9996	6.528	6.704	6.860	0.206
0.9367	0.9679	0.9995	0.9995	7.673	7.969	8.258	0.000
0.9911	0.9957	1.0000	1.0000	7.744	8.085	8.294	0.000
0.9925	0.9963	1.0000	1.0000	7.965	8.184	8.420	0.053
0.9863	0.9934	1.0000	1.0000	8.306	8.505	8.721	0.267
0.9982	0.9992	1.0000	1.0000	7.613	7.825	8.032	0.302
0.9982	0.9992	1.0000	1.0000	7.613	7.825	8.032	0.302
0.9995	0.9998	1.0000	1.0000	8.078	8.316	8.508	0.558
0.9950	0.9977	1.0000	1.0000	7.800	8.036	8.292	0.018
0.8106	0.9076	0.9971	0.9989	7.432	7.740	8.041	0.000
0.9951	0.9974	1.0000	1.0000	8.141	8.438	8.653	0.060
0.9890	0.9939	1.0000	1.0000	8.115	8.334	8.547	0.521
0.7871	0.8791	0.9992	0.9992	8.036	8.280	8.473	2.197
0.5333	0.7069	0.9460	0.9790	7.533	7.720	7.931	2.608
0.9936	0.9962	0.9998	0.9999	7.804	8.023	8.214	1.315
0.9933	0.9965	1.0000	1.0000	8.530	8.689	8.899	0.988
0.7819	0.8635	0.9833	0.9891	8.407	8.577	8.788	1.108
0.9999	0.9999	1.0000	1.0000	8.135	8.317	8.502	1.097
0.9980	0.9990	1.0000	1.0000	8.267	8.461	8.630	1.079
0.9994	0.9998	1.0000	1.0000	7.856	8.090	8.299	0.348
0.9993	0.9997	1.0000	1.0000 TP	8.532	8.725	8.939	0.082
0.9982	0.9990	1.0000	1.0000	7.942	8.126	8.346	0.683
0.9975	0.9986	1.0000	1.0000	8.070	8.250	8.427	1.832
0.9132	0.9599	0.9996	0.9996	7.787	8.109	8.353	0.000
0.0008	0.0578	0.1193	0.5049	8.281	8.452	8.720	0.586
0.9582	0.9745	0.9974	0.9990	6.788	7.004	7.206	1.433
0.9929	0.9957	0.9998	0.9999	7.939	8.150	8.392	0.527
0.9983	0.9991	1.0000	1.0000	7.795	7.984	8.214	0.766
0.9983	0.9995	1.0000	1.0000	8.204	8.438	8.664	0.196
0.9994	0.9997	1.0000	1.0000	8.147	8.320	8.549	0.732
0.8571	0.9341	0.9995	0.9995 TP	7.210	7.460	7.685	0.055
0.0105	0.1879	0.2699	0.5919	6.454	6.625	6.743	2.150

0.8893	0.9384	0.9998	0.9998	8.641	8.866	9.117	0.076
0.8109	0.8744	0.9818	0.9940	7.151	7.347	7.580	1.916
0.8992	0.9457	0.9996	0.9996	7.136	7.430	7.600	0.085
0.9982	0.9991	1.0000	1.0000	8.032	8.227	8.474	0.443
0.9982	0.9991	1.0000	1.0000	8.032	8.227	8.474	0.443
0.9953	0.9975	1.0000	1.0000	7.997	8.182	8.404	1.336
0.9994	0.9997	1.0000	1.0000	8.147	8.320	8.549	0.732
0.9919	0.9952	0.9995	0.9998	6.491	6.599	6.687	0.949
0.9974	0.9987	1.0000	1.0000	8.315	8.487	8.756	0.185
0.9996	0.9998	1.0000	1.0000	8.003	8.158	8.384	1.186
0.9998	0.9999	1.0000	1.0000	8.073	8.249	8.468	0.710
0.5656	0.6913	0.9507	0.9838	8.161	8.375	8.579	0.926
0.9855	0.9915	0.9997	0.9999	7.984	8.178	8.420	1.045
0.9915	0.9959	1.0000	1.0000	8.732	8.910	9.103	0.279
0.6969	0.8194	0.9880	0.9908 TP?	7.231	7.455	7.746	2.421
0.9809	0.9886	0.9990	0.9997	7.611	7.837	8.026	1.972
0.9855	0.9915	0.9997	0.9999	7.984	8.178	8.420	1.045
0.9943	0.9968	0.9999	0.9999	7.101	7.352	7.537	2.177
0.9872	0.9929	0.9999	0.9999	8.054	8.273	8.509	1.567
0.9973	0.9984	1.0000	1.0000 TP	8.539	8.728	8.909	0.277
0.9991	0.9996	1.0000	1.0000	8.259	8.473	8.701	0.505
0.8807	0.9404	0.9993	0.9998	7.781	8.001	8.208	1.834
0.9997	0.9999	1.0000	1.0000	7.101	7.260	7.461	1.406
0.9969	0.9984	1.0000	1.0000	8.111	8.296	8.475	1.800
0.9816	0.9882	0.9992	0.9995	7.341	7.556	7.744	1.877
0.9858	0.9916	0.9998	1.0000	8.206	8.366	8.553	1.549
0.9977	0.9987	1.0000	1.0000	8.042	8.200	8.407	1.318
0.9968	0.9981	1.0000	1.0000	7.454	7.622	7.846	1.955
0.9784	0.9878	0.9998	1.0000	7.899	8.072	8.321	2.109
0.8562	0.9091	0.9882	0.9967	7.072	7.283	7.505	2.633
0.9597	0.9779	0.9995	0.9995	8.123	8.324	8.551	2.087
0.0924	0.2878	0.4136	0.6845	8.101	8.310	8.513	1.630
0.9468	0.9745	0.9999	0.9999	8.165	8.394	8.606	1.690
0.9939	0.9969	1.0000	1.0000	7.694	7.919	8.109	2.925
0.8344	0.8927	0.9754	0.9936	7.996	8.196	8.371	2.762
0.8660	0.9112	0.9815	0.9936	6.418	6.550	6.621	3.034
0.9792	0.9899	1.0000	1.0000	8.434	8.592	8.842	0.268
0.9358	0.9602	0.9937	0.9971	7.945	8.180	8.385	1.414
0.9953	0.9975	0.9999	0.9999 TP	7.630	7.828	8.027	0.679
0.9997	0.9998	1.0000	1.0000	6.805	6.997	7.158	0.527
0.9971	0.9986	1.0000	1.0000	8.541	8.750	8.904	0.801
0.1340	0.4397	0.6428	0.8528 TP?	6.806	7.043	7.274	2.672
0.8951	0.9335	0.9931	0.9974	8.043	8.269	8.477	1.002
0.0067	0.0876	0.1378	0.3847 TP?	6.847	7.158	7.378	2.968
0.0462	0.2906	0.4301	0.7529	7.559	7.782	8.012	2.708
0.4186	0.5909	0.9217	0.9231	7.368	7.587	7.799	3.784
0.7489	0.8364	0.9868	0.9943	7.347	7.643	7.903	2.519
0.7489	0.8364	0.9868	0.9943	7.347	7.643	7.903	2.519
0.8344	0.8927	0.9754	0.9936	7.996	8.196	8.371	2.762
0.9817	0.9887	0.9997	0.9999	7.486	7.670	7.885	3.371
0.9982	0.9991	1.0000	1.0000	8.371	8.534	8.722	2.838

0.9939	0.9974	1.0000	1.0000	7.986	8.201	8.442	0.574
0.8188	0.9163	0.9993	0.9993	8.646	8.827	9.059	0.143
0.9878	0.9928	0.9999	0.9999	8.970	9.152	9.368	0.000
0.9885	0.9936	0.9999	1.0000	8.744	8.923	9.127	0.183
0.9993	0.9997	1.0000	1.0000 TP	8.300	8.485	8.713	0.798
0.9976	0.9991	1.0000	1.0000 TP	7.913	8.183	8.431	1.323
0.9123	0.9506	0.9995	0.9999	7.540	7.812	8.061	2.201
0.4246	0.6183	0.9073	0.9777	7.507	7.749	8.006	1.643
0.9555	0.9796	0.9999	0.9999	7.855	8.106	8.334	0.486
0.9978	0.9991	1.0000	1.0000	7.797	8.045	8.304	0.000
0.9285	0.9608	0.9978	0.9982	7.332	7.572	7.767	0.553
0.9999	1.0000	1.0000	1.0000	7.724	7.898	8.099	1.050

a_v_50	a_v_84	differential_a_v_16	differential_a_v_50	differential_a_v_84
1.228	1.442	0.613	1.007	1.308
1.950	2.139	1.338	1.700	2.065
1.228	1.442	0.613	1.007	1.308
1.127	1.309	1.167	1.558	1.999
0.375	0.506	0.352	0.841	1.181
0.504	0.644	0.223	0.633	0.894
1.207	1.375	0.623	0.980	1.320
1.361	1.532	1.212	1.572	1.973
1.228	1.442	0.613	1.007	1.308
3.239	3.530	1.702	2.112	2.505
1.315	1.500	0.310	0.672	0.923
1.631	1.868	2.147	2.426	2.872
0.658	0.800	0.948	1.467	1.820
0.674	0.890	0.016	0.360	0.563
0.358	0.497	0.448	0.849	1.211
0.041	0.093	0.000	0.325	0.532
1.117	1.267	0.945	1.302	1.636
0.662	0.863	0.593	1.251	1.767
1.269	1.457	1.241	1.626	2.071
0.658	0.824	0.324	0.748	1.054
0.952	1.142	0.008	0.386	0.584
0.348	0.485	0.019	0.423	0.657
0.925	1.134	0.005	0.272	0.448
1.687	1.942	2.082	2.450	2.771
0.918	1.072	0.619	1.021	1.373
3.176	3.398	2.370	2.649	2.995
1.270	1.454	0.094	0.416	0.614
2.336	2.648	1.381	1.765	2.287
1.535	1.714	1.323	1.691	2.164
1.535	1.714	1.323	1.691	2.164
1.803	2.042	2.466	2.707	3.061
3.185	3.406	1.857	2.205	2.551
1.222	1.410	1.201	1.581	1.980
0.158	0.232	0.179	0.689	1.016
0.148	0.217	0.093	0.607	0.890
0.268	0.355	0.369	0.930	1.332
1.296	1.450	0.863	1.274	1.613
0.183	0.267	0.119	0.513	0.767
0.070	0.133	0.034	0.508	0.765
0.716	0.877	0.581	0.944	1.298
0.065	0.113	0.001	0.378	0.574
0.126	0.205	0.000	0.411	0.627
0.104	0.175	0.031	0.470	0.742
0.242	0.354	0.155	0.610	0.945
0.128	0.200	0.356	0.790	1.212
0.171	0.246	0.028	0.449	0.651
0.841	1.019	0.396	0.805	1.218
0.216	0.343	0.000	0.299	0.520
0.054	0.097	0.108	0.571	0.889
0.188	0.287	0.755	1.259	1.765

0.242	0.354	0.155	0.610	0.945
0.065	0.113	0.001	0.378	0.574
0.440	0.612	1.507	1.938	2.350
1.741	1.984	1.432	1.779	2.331
1.672	1.851	2.201	2.462	2.828
1.039	1.222	0.427	0.821	1.171
0.854	1.115	1.308	1.799	2.394
0.883	1.084	0.251	0.728	1.026
1.021	1.172	0.237	0.546	0.854
0.232	0.348	0.045	0.560	0.763
0.054	0.097	0.108	0.571	0.889
1.026	1.212	1.095	1.576	2.000
0.125	0.201	0.000	0.394	0.598
0.181	0.271	0.366	0.853	1.263
0.065	0.113	0.001	0.378	0.574
0.338	0.479	0.072	0.528	0.737
0.128	0.200	0.356	0.790	1.212
0.387	0.521	0.414	0.960	1.273
0.148	0.230	0.120	0.575	0.825
0.371	0.522	0.482	0.839	1.285
0.073	0.127	0.005	0.347	0.529
1.026	1.212	1.095	1.576	2.000
0.256	0.368	0.060	0.482	0.700
0.244	0.341	0.215	0.762	1.153
0.899	1.181	1.227	1.762	2.346
0.091	0.150	0.086	0.468	0.728
0.101	0.162	0.102	0.609	0.846
0.228	0.324	0.299	0.757	1.135
0.145	0.219	0.331	0.826	1.153
0.584	0.708	0.618	1.027	1.358
0.104	0.175	0.031	0.470	0.742
0.023	0.068	0.002	0.355	0.559
0.188	0.279	0.205	0.630	0.937
0.212	0.313	0.310	0.746	1.111
0.454	0.633	0.000	0.355	0.537
0.225	0.320	0.170	0.564	0.912
0.101	0.162	0.102	0.609	0.846
0.089	0.148	0.211	0.741	1.016
0.316	0.462	0.459	1.028	1.414
0.221	0.325	0.736	1.257	1.697
1.310	1.444	0.834	1.285	1.588
0.621	0.763	0.447	0.966	1.271
0.580	0.790	0.763	1.210	1.704
0.211	0.324	0.493	0.950	1.395
0.205	0.298	0.380	0.867	1.228
0.166	0.239	0.448	1.025	1.416
0.479	0.591	0.307	0.667	1.050
0.108	0.214	0.000	0.376	0.614
2.545	2.949	1.975	2.482	2.974
0.590	0.751	0.470	0.973	1.279
0.189	0.281	0.001	0.436	0.662

0.056	0.113	0.019	0.436	0.661
0.035	0.077	0.000	0.214	0.387
0.033	0.067	0.000	0.199	0.331
0.457	0.599	0.513	0.995	1.401
0.065	0.113	0.001	0.378	0.574
0.208	0.296	0.138	0.654	0.950
0.106	0.194	0.007	0.476	0.705
1.434	1.620	1.304	1.692	2.054
0.216	0.305	0.437	0.891	1.250
0.091	0.143	0.017	0.465	0.706
0.057	0.113	0.021	0.404	0.638
0.159	0.231	0.137	0.598	0.892
0.928	1.110	0.980	1.412	1.802
0.139	0.214	0.115	0.559	0.798
0.227	0.335	0.797	1.270	1.673
0.143	0.219	0.013	0.472	0.728
0.205	0.298	0.380	0.867	1.228
0.570	0.857	0.593	1.189	1.699
0.170	0.255	0.271	0.723	1.061
0.109	0.167	0.120	0.533	0.827
0.196	0.295	0.000	0.350	0.610
0.928	1.110	0.980	1.412	1.802
0.071	0.112	0.013	0.436	0.657
0.190	0.286	0.217	0.735	1.101
0.304	0.421	0.130	0.716	1.000
0.837	1.025	0.272	0.639	0.885
0.165	0.237	0.097	0.604	0.914
1.054	1.208	0.850	1.225	1.595
0.081	0.136	0.001	0.344	0.540
0.190	0.286	0.004	0.353	0.527
0.946	1.153	1.226	1.667	2.153
0.091	0.143	0.017	0.465	0.706
0.739	0.892	1.399	1.824	2.212
0.137	0.193	0.110	0.480	0.723
0.089	0.148	0.211	0.741	1.016
0.084	0.157	0.000	0.400	0.634
0.868	1.044	0.228	0.660	0.970
0.606	0.752	0.431	0.875	1.271
1.738	2.094	0.013	0.637	0.913
0.444	0.598	1.089	1.606	2.068
0.824	1.033	0.801	1.205	1.577
0.106	0.168	0.047	0.494	0.705
0.177	0.267	0.321	0.697	1.097
0.595	0.739	0.183	0.632	0.915
0.593	0.777	0.701	1.135	1.528
1.296	1.450	0.863	1.274	1.613
2.033	2.210	1.430	1.823	2.122
2.099	2.302	1.606	2.032	2.427
3.547	3.751	1.661	2.042	2.423
1.361	1.532	1.212	1.572	1.973
0.195	0.277	0.078	0.665	0.962

0.617	0.754	0.293	0.670	0.996
0.722	0.926	0.517	0.953	1.281
0.688	0.865	0.018	0.395	0.576
2.580	3.340	0.548	1.376	1.958
2.375	2.624	2.645	2.948	3.227
0.345	0.475	0.122	0.586	0.854
0.093	0.152	0.122	0.622	0.916
1.535	1.714	1.323	1.691	2.164
0.203	0.300	0.202	0.687	1.020
0.619	0.784	0.462	0.957	1.319
0.520	0.652	0.225	0.647	0.917
0.699	0.867	1.155	1.607	2.013
0.283	0.406	0.038	0.460	0.655
0.384	0.511	0.382	0.815	1.153
1.314	1.663	1.951	2.329	2.794
0.513	0.668	0.238	0.677	1.007
0.904	1.084	0.995	1.440	1.860
0.125	0.197	0.013	0.479	0.716
0.123	0.184	0.064	0.518	0.776
0.237	0.337	0.276	0.752	1.114
0.086	0.132	0.045	0.450	0.652
0.060	0.114	0.014	0.394	0.625
0.471	0.628	1.425	1.819	2.258
1.328	1.605	1.480	1.964	2.388
0.302	0.404	0.838	1.236	1.639
0.092	0.167	0.073	0.539	0.794
0.188	0.271	0.414	0.772	1.102
0.215	0.308	0.131	0.728	1.002
0.137	0.193	0.110	0.480	0.723
0.593	0.777	0.701	1.135	1.528
0.205	0.298	0.380	0.867	1.228
0.203	0.294	0.146	0.538	0.817
1.090	1.247	0.494	0.973	1.289
0.247	0.351	0.079	0.540	0.783
0.128	0.199	0.031	0.434	0.705
0.149	0.228	0.359	0.911	1.282
0.177	0.239	0.033	0.471	0.639
0.794	0.947	0.437	0.933	1.222
0.150	0.219	0.307	0.751	1.078
0.114	0.185	0.056	0.560	0.816
0.230	0.338	0.355	0.766	1.133
0.403	0.543	0.184	0.728	1.018
0.108	0.160	0.050	0.482	0.691
0.554	0.719	1.145	1.555	1.998
0.149	0.228	0.359	0.911	1.282
0.094	0.161	0.442	0.916	1.333
0.189	0.293	0.319	0.816	1.199
0.212	0.313	0.310	0.746	1.111
0.504	0.644	0.223	0.633	0.894
0.596	0.809	0.003	0.402	0.575
0.123	0.182	0.077	0.533	0.753

0.192	0.277	0.113	0.468	0.741
0.854	1.115	1.308	1.799	2.394
0.125	0.185	0.128	0.610	0.866
0.157	0.220	0.226	0.626	0.963
0.089	0.154	0.081	0.530	0.781
0.617	0.806	0.807	1.330	1.717
0.632	0.803	0.514	0.939	1.332
0.486	0.671	1.280	1.773	2.374
0.050	0.099	0.002	0.316	0.494
0.135	0.211	0.134	0.574	0.891
0.632	0.803	0.514	0.939	1.332
0.208	0.296	0.138	0.654	0.950
0.143	0.225	0.265	0.777	1.085
0.509	0.721	0.001	0.515	0.817
0.692	0.844	1.551	1.917	2.372
0.743	0.927	0.595	1.034	1.372
0.846	1.024	0.078	0.513	0.765
0.205	0.298	0.380	0.867	1.228
0.479	0.591	0.307	0.667	1.050
0.439	0.569	0.381	1.046	1.445
0.059	0.118	0.000	0.443	0.655
0.102	0.166	0.121	0.634	0.961
0.183	0.267	0.119	0.513	0.767
0.479	0.591	0.307	0.667	1.050
0.458	0.605	0.371	0.754	1.098
0.458	0.605	0.371	0.754	1.098
0.743	0.927	0.595	1.034	1.372
0.159	0.231	0.137	0.598	0.892
0.058	0.106	0.242	0.769	1.105
0.216	0.305	0.437	0.891	1.250
0.731	0.886	0.449	0.918	1.235
2.430	2.702	0.632	1.071	1.447
2.803	2.991	0.855	1.234	1.661
1.540	1.698	1.773	2.107	2.447
1.177	1.385	0.525	0.910	1.227
1.352	1.525	1.822	2.150	2.509
1.270	1.454	0.094	0.416	0.614
1.228	1.442	0.613	1.007	1.308
0.570	0.715	0.000	0.216	0.340
0.218	0.298	0.167	0.527	0.760
0.868	1.044	0.228	0.660	0.970
2.010	2.229	1.423	1.807	2.127
0.117	0.193	0.051	0.485	0.706
0.783	0.990	1.428	1.920	2.300
1.655	1.884	1.347	1.784	2.209
0.746	0.923	1.311	1.734	2.113
0.952	1.132	0.268	0.751	1.016
0.389	0.531	0.044	0.430	0.626
0.918	1.072	0.619	1.021	1.373
0.188	0.280	0.482	0.952	1.306
2.454	2.763	2.488	2.785	3.211

0.257	0.359	0.233	0.682	1.004
2.097	2.307	1.994	2.312	2.709
0.241	0.348	0.429	0.946	1.332
0.637	0.825	0.571	0.946	1.344
0.637	0.825	0.571	0.946	1.344
1.501	1.704	0.512	1.032	1.474
0.918	1.072	0.619	1.021	1.373
1.086	1.288	0.781	1.164	1.594
0.350	0.472	0.160	0.502	0.802
1.354	1.579	0.406	0.871	1.125
0.890	1.059	0.074	0.433	0.625
1.123	1.349	1.966	2.277	2.641
1.213	1.461	0.717	1.183	1.552
0.457	0.607	0.216	0.552	0.846
2.635	2.829	1.614	2.002	2.384
2.163	2.358	2.025	2.358	2.673
1.213	1.461	0.717	1.183	1.552
2.379	2.566	1.802	2.175	2.543
1.788	1.984	2.128	2.394	2.777
0.477	0.628	0.320	0.784	1.027
0.709	0.865	0.511	0.830	1.225
2.011	2.263	1.447	1.796	2.194
1.577	1.760	0.427	0.806	1.143
1.990	2.183	1.248	1.612	1.977
2.059	2.272	1.817	2.193	2.521
1.775	1.917	1.310	1.686	2.027
1.509	1.668	1.385	1.698	2.121
2.123	2.333	1.248	1.581	1.999
2.358	2.531	1.078	1.484	1.879
2.822	3.041	2.189	2.480	2.810
2.268	2.485	0.465	0.995	1.278
1.849	2.060	2.426	2.659	3.001
1.925	2.089	0.529	0.988	1.372
3.107	3.289	1.075	1.449	1.809
2.963	3.161	1.448	1.826	2.182
3.259	3.470	2.102	2.408	2.903
0.468	0.608	0.388	0.761	1.172
1.615	1.819	1.865	2.230	2.598
0.857	1.035	1.145	1.544	1.925
0.772	0.952	0.981	1.391	1.824
1.081	1.278	1.538	1.888	2.284
2.917	3.142	1.826	2.220	2.611
1.223	1.421	1.783	2.134	2.492
3.207	3.454	2.520	2.784	3.134
2.904	3.120	2.086	2.427	2.742
3.990	4.199	2.216	2.570	2.897
2.800	3.023	1.701	2.056	2.551
2.800	3.023	1.701	2.056	2.551
2.963	3.161	1.448	1.826	2.182
3.547	3.751	1.661	2.042	2.423
3.064	3.206	0.505	0.935	1.240

0.762	0.935	0.218	0.713	0.986
0.302	0.407	0.247	0.655	0.984
0.066	0.108	0.000	0.203	0.342
0.360	0.470	0.194	0.642	0.890
1.007	1.174	0.305	0.685	0.982
1.579	1.803	0.163	0.671	0.940
2.444	2.658	0.316	0.746	1.127
1.889	2.091	1.667	2.081	2.424
0.757	0.958	0.539	0.956	1.399
0.080	0.133	0.008	0.376	0.568
0.727	0.944	1.237	1.623	2.164
1.225	1.394	0.201	0.559	0.817

distance_modulus_16	distance_modulus_50	distance_modulus_84	min_cluster_size
11.564	11.710	11.852	80
10.855	10.968	11.121	80
11.564	11.710	11.852	80
9.675	9.821	9.984	20
8.033	8.201	8.362	20
9.649	9.808	9.959	80
10.634	10.783	10.951	40
8.841	8.955	9.113	80
11.564	11.710	11.852	80
14.296	14.462	14.622	20
11.589	11.748	11.898	20
10.604	10.754	10.902	20
9.608	9.766	9.935	40
9.425	9.597	9.765	20
10.202	10.337	10.527	40
7.356	7.515	7.698	40
10.716	10.863	11.015	80
7.775	7.923	8.087	80
9.529	9.688	9.843	40
9.752	9.916	10.078	40
9.527	9.696	9.848	20
8.734	8.900	9.062	20
10.195	10.362	10.526	10
11.246	11.399	11.558	20
9.788	9.958	10.096	80
11.195	11.325	11.469	40
12.060	12.199	12.401	20
11.589	11.749	11.929	20
10.844	10.959	11.135	80
10.844	10.959	11.135	80
10.666	10.806	10.967	80
12.463	12.612	12.738	80
8.499	8.669	8.781	80
8.024	8.179	8.353	80
7.314	7.480	7.647	20
5.772	5.908	6.052	20
11.199	11.331	11.483	40
8.994	9.193	9.329	80
5.847	6.028	6.179	20
10.701	10.847	11.031	80
7.156	7.322	7.466	40
7.710	7.878	8.030	10
7.354	7.539	7.692	80
6.051	6.185	6.358	20
8.365	8.561	8.710	20
7.837	8.009	8.180	20
8.529	8.683	8.836	20
6.139	6.300	6.450	20
4.811	4.940	5.056	40
5.654	5.814	5.960	80

6.051	6.185	6.358	20
7.156	7.322	7.466	40
13.615	13.819	14.013	10
10.930	11.083	11.222	10
12.225	12.393	12.539	40
10.684	10.823	10.995	40
8.068	8.217	8.383	40
9.392	9.553	9.702	20
9.927	10.065	10.244	40
8.892	9.039	9.248	40
4.811	4.940	5.056	40
7.051	7.198	7.324	80
6.740	6.898	7.066	20
7.640	7.785	7.967	80
7.156	7.322	7.466	40
7.766	7.923	8.089	10
8.365	8.561	8.710	20
7.671	7.847	7.997	80
8.819	9.005	9.178	80
9.307	9.469	9.627	40
8.432	8.619	8.781	20
7.051	7.198	7.324	80
8.496	8.657	8.834	40
6.022	6.209	6.319	20
7.709	7.873	8.020	40
8.924	9.098	9.276	80
8.391	8.539	8.728	40
8.423	8.594	8.747	80
8.046	8.212	8.389	80
10.571	10.712	10.891	80
7.354	7.539	7.692	80
7.284	7.453	7.621	10
8.984	9.135	9.324	20
7.938	8.101	8.251	80
6.981	7.123	7.327	10
8.157	8.370	8.502	80
8.391	8.539	8.728	40
7.047	7.232	7.373	40
7.698	7.849	8.026	20
8.775	8.938	9.108	80
8.611	8.740	8.902	10
8.984	9.150	9.283	-1
9.682	9.838	10.005	20
8.646	8.768	8.981	40
7.823	7.974	8.132	20
7.460	7.628	7.776	20
9.031	9.185	9.361	40
5.654	5.805	5.949	10
7.306	7.445	7.601	20
9.657	9.799	9.991	40
5.606	5.762	5.885	40

7.204	7.376	7.537	40
5.619	5.777	5.912	40
7.588	7.801	7.948	20
8.474	8.675	8.810	80
7.156	7.322	7.466	40
6.984	7.148	7.282	20
5.822	5.954	6.149	10
12.973	13.112	13.281	40
8.304	8.458	8.628	80
5.713	5.854	6.006	80
6.720	6.870	7.018	20
8.111	8.273	8.430	20
7.798	7.950	8.095	80
6.510	6.679	6.824	40
8.269	8.428	8.568	40
6.014	6.169	6.306	40
7.823	7.974	8.132	20
7.463	7.646	7.772	40
9.163	9.329	9.502	20
8.127	8.274	8.458	20
3.200	3.200	3.200	10
7.798	7.950	8.095	80
4.553	4.708	4.840	10
7.777	7.954	8.113	80
8.484	8.660	8.853	10
11.537	11.717	11.870	10
3.294	3.352	3.413	40
10.554	10.699	10.853	80
7.261	7.419	7.621	20
8.996	9.166	9.344	40
10.450	10.611	10.756	80
5.713	5.854	6.006	80
11.557	11.681	11.863	40
9.744	9.916	10.082	80
7.047	7.232	7.373	40
6.801	6.964	7.173	10
10.703	10.857	11.023	40
9.198	9.385	9.550	40
8.113	8.240	8.422	10
9.061	9.201	9.368	80
9.977	10.150	10.294	40
9.601	9.785	9.988	20
8.448	8.602	8.771	80
9.456	9.636	9.760	80
9.420	9.566	9.751	80
11.199	11.331	11.483	40
10.873	10.993	11.135	80
9.892	10.014	10.176	80
12.151	12.301	12.417	80
8.841	8.955	9.113	80
5.036	5.178	5.289	20

9.990	10.138	10.322	80
12.966	13.177	13.353	10
9.367	9.503	9.703	10
7.152	7.313	7.482	20
9.842	10.003	10.158	80
9.627	9.813	9.967	40
6.208	6.370	6.518	80
10.844	10.959	11.135	80
7.860	8.054	8.206	40
8.352	8.533	8.657	80
9.405	9.600	9.722	80
8.657	8.822	8.955	80
8.905	9.065	9.221	40
9.196	9.336	9.541	80
8.849	9.015	9.176	80
9.625	9.770	9.934	20
10.696	10.871	11.034	40
6.073	6.245	6.395	40
8.822	9.000	9.177	20
7.292	7.478	7.603	20
9.025	9.210	9.373	80
7.241	7.416	7.587	40
12.735	12.894	13.095	40
9.950	10.091	10.249	40
9.007	9.150	9.330	80
9.306	9.479	9.644	20
11.191	11.395	11.564	80
8.670	8.841	9.017	40
9.744	9.916	10.082	80
9.420	9.566	9.751	80
7.823	7.974	8.132	20
10.148	10.305	10.480	10
11.325	11.490	11.676	40
7.745	7.908	8.084	40
6.337	6.477	6.633	40
7.619	7.775	7.947	80
9.870	10.038	10.194	80
10.114	10.248	10.431	10
8.350	8.529	8.694	40
5.707	5.857	6.008	10
8.441	8.613	8.765	80
7.753	7.909	8.082	80
8.462	8.654	8.819	80
8.058	8.208	8.388	20
7.619	7.775	7.947	80
7.828	7.964	8.154	40
8.906	9.067	9.250	80
7.938	8.101	8.251	80
9.649	9.808	9.959	80
8.389	8.560	8.717	10
9.407	9.568	9.728	80

9.171	9.332	9.486	40
8.068	8.217	8.383	40
8.297	8.434	8.625	20
9.460	9.639	9.786	40
8.100	8.274	8.454	80
8.288	8.429	8.585	80
8.470	8.626	8.768	80
7.402	7.586	7.737	40
7.020	7.175	7.347	20
7.330	7.500	7.642	80
8.470	8.626	8.768	80
6.984	7.148	7.282	20
8.245	8.390	8.595	20
5.439	5.563	5.721	40
8.835	8.969	9.142	40
10.251	10.413	10.572	80
9.341	9.517	9.664	40
7.823	7.974	8.132	20
9.031	9.185	9.361	40
7.704	7.869	8.023	40
4.859	4.991	5.116	40
5.429	5.590	5.715	20
8.994	9.193	9.329	80
9.031	9.185	9.361	40
9.586	9.784	9.925	80
9.586	9.784	9.925	80
10.251	10.413	10.572	80
8.111	8.273	8.430	20
8.141	8.328	8.520	80
8.304	8.458	8.628	80
10.094	10.261	10.425	80
12.507	12.718	12.874	20
11.486	11.617	11.741	20
9.611	9.763	9.903	80
11.598	11.769	11.904	20
13.128	13.298	13.452	80
12.060	12.199	12.401	20
11.564	11.710	11.852	80
11.340	11.535	11.733	20
11.724	11.888	12.079	10
10.703	10.857	11.023	40
12.062	12.215	12.342	20
9.127	9.333	9.512	20
7.142	7.305	7.453	10
10.972	11.149	11.313	20
10.497	10.667	10.814	80
10.051	10.188	10.383	40
11.494	11.660	11.849	20
9.788	9.958	10.096	80
9.461	9.607	9.800	80
9.381	9.581	9.735	80

8.539	8.696	8.855	80
12.014	12.158	12.332	10
8.662	8.826	9.007	40
11.464	11.616	11.803	80
11.464	11.616	11.803	80
10.316	10.477	10.606	20
9.788	9.958	10.096	80
11.053	11.186	11.362	40
9.377	9.526	9.707	10
11.709	11.875	12.029	40
11.212	11.389	11.539	80
12.791	12.961	13.137	20
12.204	12.374	12.530	80
11.636	11.807	11.962	40
12.661	12.824	12.977	20
12.127	12.275	12.407	80
12.204	12.374	12.530	80
12.379	12.523	12.696	80
10.392	10.529	10.669	40
12.462	12.650	12.824	80
9.831	9.996	10.135	80
12.077	12.245	12.382	40
11.669	11.864	12.013	80
12.154	12.290	12.428	80
11.988	12.104	12.277	80
12.334	12.490	12.636	80
11.189	11.299	11.465	80
12.203	12.330	12.484	80
12.398	12.539	12.698	80
12.105	12.230	12.387	20
10.322	10.440	10.597	20
12.016	12.152	12.299	40
10.830	10.963	11.116	20
11.790	11.928	12.055	80
11.692	11.859	11.981	20
11.048	11.222	11.376	40
10.329	10.482	10.694	20
12.963	13.087	13.267	80
10.558	10.717	10.879	80
10.597	10.752	10.906	80
13.123	13.309	13.470	80
12.913	13.094	13.273	10
12.323	12.467	12.644	80
13.512	13.654	13.845	40
11.801	11.945	12.083	80
12.068	12.212	12.362	40
12.946	13.138	13.341	20
12.946	13.138	13.341	20
11.692	11.859	11.981	20
12.151	12.301	12.417	80
12.091	12.223	12.361	20

8.359	8.511	8.647	40
7.512	7.678	7.829	40
7.810	8.044	8.194	20
8.091	8.245	8.409	20
9.499	9.622	9.785	80
11.637	11.794	11.940	20
12.068	12.202	12.387	10
12.536	12.684	12.842	80
10.814	10.974	11.207	10
9.949	10.128	10.305	40
7.844	8.003	8.143	20
10.282	10.436	10.580	80

is_merged_cluster	is_gmm_membership_list	n_unique_strong_crossmatches	crossmatch_type
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NEPRAVDA	NEPRAVDA	3	m:m
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NEPRAVDA	NEPRAVDA	3	m:m
NEPRAVDA	NEPRAVDA	2	1:m
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NEPRAVDA	NEPRAVDA	2	1:m
NEPRAVDA	NEPRAVDA	2	1:m
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NEPRAVDA	NEPRAVDA	5	1:m
NEPRAVDA	NEPRAVDA	1	1:1
NEPRAVDA	NEPRAVDA	1	1:1
NEPRAVDA	NEPRAVDA	3	1:m
NEPRAVDA	NEPRAVDA	2	1:m
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NEPRAVDA	NEPRAVDA	2	1:m
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NEPRAVDA	NEPRAVDA	0	
NEPRAVDA	NEPRAVDA	5	m:m
NEPRAVDA	NEPRAVDA	2	1:m
NEPRAVDA	NEPRAVDA	5	m:m
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NEPRAVDA	NEPRAVDA	1	1:1
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NEPRAVDA	NEPRAVDA	2	1:m
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NEPRAVDA	NEPRAVDA	0	
NEPRAVDA	NEPRAVDA	1	1:1
NEPRAVDA	NEPRAVDA	2	1:m
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NEPRAVDA	NEPRAVDA	3	m:m
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NEPRAVDA	NEPRAVDA	2	m:m
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NEPRAVDA	NEPRAVDA	0	
NEPRAVDA	NEPRAVDA	0	
NEPRAVDA	NEPRAVDA	0	

NEPRAVDA	NEPRAVDA	1 m:m
NEPRAVDA	NEPRAVDA	3 m:m
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NEPRAVDA	NEPRAVDA	2 1:m
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NEPRAVDA	NEPRAVDA	0
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NEPRAVDA	NEPRAVDA	3 m:m
NEPRAVDA	NEPRAVDA	2 1:m
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NEPRAVDA	NEPRAVDA	2 m:m
NEPRAVDA	NEPRAVDA	2 1:m
NEPRAVDA	NEPRAVDA	1 1:1
NEPRAVDA	NEPRAVDA	0
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NEPRAVDA	PRAVDA	2 m:m
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NEPRAVDA	NEPRAVDA	2 m:m
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NEPRAVDA	NEPRAVDA	1 1:1

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NEPRAVDA	NEPRAVDA	0
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NEPRAVDA	NEPRAVDA	3 m:m
NEPRAVDA	NEPRAVDA	2 1:m
NEPRAVDA	NEPRAVDA	1 1:1
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NEPRAVDA	NEPRAVDA	2 m:m
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NEPRAVDA	NEPRAVDA	2 m:m
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Gaia EDR3	Gaia DR3	ID Gaia DR2	name_1
4493602768870654336		Gaia DR2 4493602768870654336	R5975
4112490185933375744		Gaia DR2 4112490185933375744	R5879
3030027207464910976		Gaia DR2 3030027207464910976	R2673
65283232316451328		Gaia DR2 65283232318680704	R727
6241992180213281920		Gaia DR2 6241992180213281920	R5525
2007837910283337216		Gaia DR2 2007837910283337216	R7817
4168517278355561088		Gaia DR2 4168517278355561088	R6012
4936685751336237056		Gaia DR2 4936685751335824896	R426
509749125548519424		Gaia DR2 509749125548519424	R295
2004609812868112512		Gaia DR2 2004609812868112512	R7746
3034951232849842816		Gaia DR2 3034951232849842816	R2617
2927012515646285440		Gaia DR2 2927012515646285440	R2211
2927006850591725568		Gaia DR2 2927006850591725568	R2212
2927209057649389696		Gaia DR2 2927209057649389696	R2209
4089044096883303168		Gaia DR2 4089044096883303168	R6567
5290721176859357952		Gaia DR2 5290721176859357952	R2876
5290671733195996416		Gaia DR2 5290671733195996416	R2870
4474053727005666816		Gaia DR2 4474053727005666816	R6078
337165829070036608		Gaia DR2 337165829070036608	R498
345791016754361088		Gaia DR2 345791016754361088	R359
3030030746517945600		Gaia DR2 3030030746517945600	R2669
3047853486404071424		Gaia DR2 3047853486404071424	C215
5614891457089541888		Gaia DR2 5614891457089541888	C227
4045620019094641792		Gaia DR2 4045620019094641792	C289
2923664266517743488		Gaia DR2 2923664266517743488	C186
2013229395598201088		Gaia DR2 2013229395598201088	C404
3047870971209399552		Gaia DR2 3047870971209399552	C212
3410105631029990400		Gaia DR2 3410105631029990400	C85
465677950723990656		Gaia DR2 465677950723990656	C39
3337914343251052416		Gaia DR2 3337914343251052416	C121
4207295610357915008		Gaia DR2 4207295610357915008	C329
1967698073640460672		Gaia DR2 1967698073640460672	C380
3454347367594873088		Gaia DR2 3454347367594873088	C136
4263438735676544512		Gaia DR2 4263438735676544512	C323
4469342938160504704		Gaia DR2 4469342938160504704	C273
2008292283458395392		Gaia DR2 2008292283458395392	C400
1976630982838858880		Gaia DR2 1976630982838858880	C388
1942267572276004096		Gaia DR2 1942267572276004096	C407
466807389678986880		Gaia DR2 466807389678986880	C57
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			PA2
			PA3
			PA4
			PA5
			PA7
			PA6
			PA8

SpecType

A0 Hg Mn

A0 Hg Y

A0-A3

B7 He wk. Mn

B7 Mn Hg

B8 He wk. Hg

B8 Hg Mn

B8 Mn Hg

B8 Si Mn

B9

B9 Hg

B9 Hg Mn

B9 Hg Mn

B9 Hg Mn

B9 Hg Si

B9 Mn

B9 Mn Hg

B9 Mn Hg

B9 Mn Hg

B9 Mn Hg

B9-A5

HgMn

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comment

RA_ICRS	DE_ICRS	Plx	e_Plx	pmRA	e_pmRA	pmDE
263.0620097	11.9301252	6.7614	0.0361	1.985	0.034	17.076
258.0567031	-25.2553569	6.8455	0.1012	-9.509	0.099	-48.374
114.0919008	-14.5078701	2.1189	0.0173	-7.125	0.015	0.935
56.4567959	24.3675414	7.6713	0.3104	19.516	0.451	-45.527
241.9661432	-24.4624459	6.2582	0.0689	-11.505	0.073	-22.365
335.7509222	57.2846339	4.1243	0.0440	17.253	0.045	4.733
264.4612566	-8.1188663	5.0056	0.1264	-10.749	0.109	-21.285
34.1280989	-51.5122652	21.6862	0.1983	91.975	0.176	-22.503
25.5122086	61.0382149	2.8094	0.0309	8.737	0.023	-5.204
333.1509235	53.5872726	0.9020	0.0149	-1.860	0.017	-2.416
111.9610673	-11.5530992	2.0027	0.0367	-5.986	0.029	-1.393
101.4201990	-20.6936148	1.3750	0.0353	-4.373	0.021	-1.355
101.4052898	-20.8162261	1.3159	0.0279	-4.291	0.016	-1.338
101.4093187	-20.5125223	1.3526	0.0267	-4.463	0.015	-1.324
286.4215871	-15.6604685	3.9952	0.0691	0.627	0.070	-11.000
119.5536254	-60.8012857	2.4490	0.0189	-5.161	0.025	11.441
119.4383737	-60.9264129	2.4566	0.0269	-4.460	0.033	11.200
266.6945976	5.5648849	2.8080	0.0528	-1.143	0.061	-8.254
40.4864313	42.7897861	2.0871	0.0399	0.688	0.036	-5.855
29.4848866	41.6945371	2.0648	0.1009	4.834	0.105	-5.462
114.0446001	-14.4613443	2.1145	0.0202	-6.931	0.018	0.692
108.6733921	-10.2852432	0.9028	0.0298	-1.240	0.032	0.889
113.9989291	-25.5118424	1.0931	0.0320	-4.894	0.023	4.091
275.0172575	-32.3675833	1.0843	0.0313	-0.041	0.034	-4.923
100.3644871	-24.3830199	2.5810	0.0313	-4.606	0.023	6.505
344.7426015	58.5692106	1.9622	0.0180	4.995	0.020	-1.625
108.5049688	-10.1507903	0.8954	0.0249	-1.118	0.023	0.843
71.3248518	19.2114555	1.6775	0.0192	-1.053	0.024	-1.521
40.7955259	61.5993306	0.8751	0.0188	-1.849	0.018	1.863
83.9927245	9.5317065	2.5390	0.0350	1.038	0.040	-2.360
292.6199126	-7.2736105	1.5589	0.0190	0.587	0.021	-9.527
325.1233585	43.4496152	1.5905	0.0152	0.203	0.015	-0.756
87.0823539	33.5880443	1.9157	0.0219	-2.235	0.019	-1.465
291.4873067	-0.0561421	1.1793	0.0211	-0.699	0.023	-2.092
269.9385156	3.0349000	1.8293	0.0176	0.617	0.020	-8.861
342.0268272	59.1118620	2.3390	0.0164	4.791	0.020	-2.251
331.4430011	49.2327922	2.8380	0.0193	4.409	0.022	0.347
347.5883710	47.2838001	1.3785	0.0180	-0.874	0.015	-3.454
47.8375766	63.1776071	1.5279	0.0218	-3.504	0.021	0.173
78.7641166	32.6508872	0.8072	0.0233	-0.182	0.025	-2.709
347.8537298	57.1240604	0.9036	0.0153	0.417	0.016	-1.187
299.2196451	27.0327053	0.8395	0.0102	-1.039	0.008	-4.297
98.2244389	3.7056302	1.4938	0.0389	-1.727	0.039	-4.426
91.9112602	21.0572711	0.5596	0.0206	1.430	0.019	-2.454
75.9106832	23.7304554	1.4394	0.0409	-0.786	0.044	-2.256
86.5802308	26.0713087	1.7210	0.0368	1.017	0.039	-3.091
83.5795188	30.4021084	1.2756	0.0291	0.031	0.034	-2.726

B9pMn

e_pmDE	2MASS	J	e_j	H	e_H	K	e_K	Qf	Rf	Bf	Xf	Af
0.031	17321487+1155482	6.334	0.020	6.337	0.040	6.305	0.026	AAA	111	111	0	0
0.065	17121363-2515184	6.513	0.018	6.491	0.042	6.520	0.021	AAA	111	111	0	0
0.013	07362205-1430283	10.092	0.024	10.094	0.023	10.038	0.019	AAA	222	111	0	0
0.276	03454960+2422037	4.059	0.276	4.122	0.036	3.986	0.017	DEE	311	111	d00	0
0.051	16075188-2427443	6.379	0.018	6.437	0.029	6.433	0.018	AAA	111	111	0	0
0.047	22230018+5717045	6.334	0.021	6.464	0.051	6.521	0.033	AAA	111	111	0	0
0.095	17375071-0807075	4.425	0.274	4.241	0.180	4.249	0.302	DCD	333	111	d00	0
0.174	02163059-5130437	4.026	0.298	3.951	0.262	4.127	0.268	DDD	333	111	d00	0
0.023	01420290+6102176	6.656	0.023	6.725	0.042	6.727	0.023	AAA	111	111	0	0
0.017	22123622+5335142	10.744	0.027	10.651	0.029	10.663	0.020	AAA	222	111	0	0
0.026												
0.033	06454085-2041369	7.915	0.029	7.986	0.036	7.980	0.020	AAA	111	111	dd0	0
0.026	06453727-2048583	9.092	0.019	9.114	0.023	9.113	0.023	AAA	122	111	0	0
0.022	06453824-2030450	9.413	0.023	9.431	0.023	9.455	0.021	AAA	222	111	0	0
0.060	19054117-1539376	5.913	0.023	5.933	0.031	5.919	0.024	AAA	111	111	0	0
0.024	07581288-6048048	6.919	0.023	6.922	0.031	6.855	0.018	AAA	111	111	0	0
0.034	07574523-6055353	6.747	0.024	6.783	0.047	6.764	0.023	AAA	111	111	0	0
0.051	17464667+0533536	7.893	0.020	7.810	0.020	7.862	0.020	AAA	111	111	0	0
0.036	02415674+4247233	8.546	0.024	8.586	0.051	8.591	0.020	AAA	112	111	0	0
0.126	01575635+4141404	6.804	0.021	6.880	0.018	6.875	0.024	AAA	111	111	0	0
0.016	07361070-1427408	9.742	0.026	9.764	0.023	9.757	0.021	AAA	222	111	0	0
0.030	07144161-1017068	10.355	0.024	10.366	0.023	10.361	0.023	AAA	222	111	0	0
0.032	07355974-2530427	9.044	0.029	9.139	0.022	9.153	0.021	AAA	122	111	0	0
0.028	18200414-3222032	9.408	0.024	9.414	0.022	9.365	0.019	AAA	222	111	0	0
0.029	06412748-2422589	8.445	0.024	8.560	0.034	8.582	0.025	AAA	112	111	0	0
0.018	22585819+5834091	8.297	0.021	8.341	0.038	8.340	0.026	AAA	111	111	0	0
0.023	07140119-1009028	9.996	0.027	10.017	0.026	10.006	0.021	AAA	222	111	0	0
0.016	04451797+1912411	9.288	0.019	9.189	0.016	9.131	0.016	AAA	222	111	0	0
0.019	02431092+6135575	10.532	0.023	10.485	0.021	10.452	0.016	AAA	222	111	0	0
0.027	05355825+0931541	8.702	0.026	8.712	0.044	8.775	0.024	AAA	112	111	0	0
0.016	19302877-0716248	9.293	0.027	9.244	0.023	9.152	0.021	AAA	122	111	0	0
0.014	21402960+4326586	10.558	0.023	10.591	0.023	10.565	0.018	AAA	222	111	0	0
0.013	05481976+3335169	10.064	0.022	10.070	0.021	10.055	0.019	AAA	222	111	0	0
0.018	19255695-0003222	10.467	0.023	10.478	0.021	10.506	0.023	AAA	222	111	0	0
0.017	17594524+0302056	10.521	0.024	10.503	0.028	10.459	0.021	AAA	222	111	0	0
0.018	22480641+5906428	8.273	0.027	8.273	0.042	8.313	0.021	AAA	112	111	0	0
0.019	22054630+4913580	9.022	0.021	9.075	0.031	9.077	0.022	AAA	122	111	0	0
0.015	23102121+4717017	10.525	0.026	10.530	0.032	10.541	0.019	AAA	222	111	0	0
0.021	03112102+6310394	9.906	0.022	9.886	0.023	9.862	0.016	AAA	222	111	0	0
0.018	05150339+3239033	11.586	0.019	11.531	0.016	11.500	0.018	AAA	222	111	0	0
0.015	23112488+5707267	10.578	0.024	10.470	0.033	10.433	0.020	AAA	222	111	0	0
0.010	19565270+2701577	11.267	0.024	11.179	0.031	11.104	0.022	AAA	222	111	0	0
0.033	06325386+0342203	9.687	0.024	9.696	0.022	9.697	0.019	AAA	222	111	0	0
0.014	06073869+2103262	12.577	0.020	12.464	0.023	12.436	0.021	AAA	222	111	0	0
0.029	05033855+2343496	9.984	0.021	9.928	0.022	9.847	0.017	AAA	222	111	0	0
0.023	05461925+2604167	9.247	0.021	9.256	0.018	9.230	0.018	AAA	222	111	0	0
0.024	05341906+3024077	8.925	0.023	8.845	0.029	8.797	0.018	AAA	112	111	0	0

source_id_combined	name_2	id	source_id	within_r_t	probability
4493602768870654336	HSC_242	1977	4493602768870654336	NEPRAVDA	0.931
4112490185933375744	OCSN_99	5118	4112490185933375744	PRAVDA	0.755
3030027207464910976	NGC_2422	4566	3030027207464910976	PRAVDA	1.000
65283232316451328	Melotte_22	4423	65283232316451328	PRAVDA	0.749
6241992180213281920	HSC_2907	4125	6241992180213281920	PRAVDA	0.771
2007837910283337216	Delta_Cephei_Cluster	1409	2007837910283337216	PRAVDA	1.000
4168517278355561088	Mamajek_2	4415	4168517278355561088	PRAVDA	1.000
4936685751336237056	beta_Tuc_Group	7158	4936685751336237056	PRAVDA	1.000
509749125548519424	Theia_446	5595	509749125548519424	NEPRAVDA	0.772
2004609812868112512	OC_0165	4936	2004609812868112512	PRAVDA	1.000
3034951232849842816	OCSN_77	5109	3034951232849842816	PRAVDA	0.871
2927012515646285440	NGC_2287	4537	2927012515646285440	PRAVDA	1.000
2927006850591725568	NGC_2287	4537	2927006850591725568	PRAVDA	0.933
2927209057649389696	NGC_2287	4537	2927209057649389696	PRAVDA	1.000
4089044096883303168	Theia_222	5535	4089044096883303168	PRAVDA	1.000
5290721176859357952	NGC_2516	4585	5290721176859357952	PRAVDA	0.794
5290671733195996416	NGC_2516	4585	5290671733195996416	PRAVDA	0.991
4474053727005666816	IC_4665	4299	4474053727005666816	PRAVDA	0.856
337165829070036608	NGC_1039	4465	337165829070036608	PRAVDA	0.928
345791016754361088	HSC_1058	2676	345791016754361088	PRAVDA	0.848
3030030746517945600	NGC_2422	4566	3030030746517945600	PRAVDA	0.835
3047853486404071424	NGC_2353	4550	3047853486404071424	PRAVDA	0.802
5614891457089541888	Theia_3397	5909	5614891457089541888	PRAVDA	0.746
4045620019094641792	Ferrero_1	1703	4045620019094641792	PRAVDA	1.000
2923664266517743488	CWNU_1024	569	2923664266517743488	PRAVDA	0.849
2013229395598201088	RSG_8	5207	2013229395598201088	PRAVDA	0.820
3047870971209399552	NGC_2353	4550	3047870971209399552	PRAVDA	0.850
3410105631029990400	NGC_1647	4483	3410105631029990400	PRAVDA	1.000
465677950723990656	NGC_1027	4464	465677950723990656	PRAVDA	0.866
3337914343251052416	Collinder_69	1312	3337914343251052416	PRAVDA	0.909
4207295610357915008	UPK_40	6991	4207295610357915008	PRAVDA	1.000
1967698073640460672	UPK_136	7031	1967698073640460672	NEPRAVDA	0.951
3454347367594873088	HSC_1395	2917	3454347367594873088	PRAVDA	0.981
4263438735676544512	UPK_45	6994	4263438735676544512	PRAVDA	1.000
4469342938160504704	Melotte_186	4431	4469342938160504704	PRAVDA	0.778
2008292283458395392	NGC_7429	4864	2008292283458395392	PRAVDA	0.842
1976630982838858880	Theia_167	5521	1976630982838858880	PRAVDA	1.000
1942267572276004096	Theia_401	5588	1942267572276004096	PRAVDA	0.951
466807389678986880	Trumpler_3	6044	466807389678986880	PRAVDA	0.750
180704873465298432	Dolidze_16	1422	180704873465298432	PRAVDA	1.000
2009524629830880000	Theia_2526	5843	2009524629830880000	PRAVDA	0.805
2027500408007197824	UBC_129	6134	2027500408007197824	PRAVDA	0.746
3130347541729049600	OC_0343	4981	3130347541729049600	PRAVDA	1.000
3375294676281816320	CWNU_2157	996	3375294676281816320	PRAVDA	1.000
3418682062245934336	Theia_754	5648	3418682062245934336	PRAVDA	0.759
3429317603862413696	Theia_648	5624	3429317603862413696	PRAVDA	1.000
3446084812588932864	UPK_369	7080	3446084812588932864	PRAVDA	1.000

ra	ra_error	dec	dec_error	l	b	pmra	pmra_error
263.0620097	0.0278072	11.9301252	0.0250395	34.9770372	22.9038100	1.9849	0.0340
258.0567031	0.0827248	-25.2553569	0.0467067	358.9822358	8.2280397	-9.5087	0.0990
114.0919008	0.0117822	-14.5078701	0.0117060	230.9542096	3.0726688	-7.1246	0.0154
56.4567959	0.3413159	24.3675414	0.1999794	166.1708841	-23.5146069	19.5158	0.4513
241.9661432	0.0619423	-24.4624459	0.0371072	349.9935230	19.9689341	-11.5053	0.0730
335.7509222	0.0367664	57.2846339	0.0375939	103.9010352	0.0027528	17.2528	0.0453
264.4612566	0.1005064	-8.1188663	0.0842933	16.9993500	12.3383904	-10.7489	0.1086
34.1280989	0.1488061	-51.5122652	0.1470515	275.3513704	-60.8178509	91.9755	0.1764
25.5122086	0.0166756	61.0382149	0.0196512	129.0218959	-1.2336886	8.7370	0.0225
333.1509235	0.0128374	53.5872726	0.0130008	100.6270435	-2.2615376	-1.8597	0.0171
111.9610673	0.0220700	-11.5530992	0.0234798	227.3610710	2.6714210	-5.9857	0.0287
101.4201990	0.0187520	-20.6936148	0.0266529	230.9275007	-10.4888021	-4.3732	0.0209
101.4052898	0.0152109	-20.8162261	0.0213716	231.0343164	-10.5535996	-4.2907	0.0162
101.4093187	0.0138223	-20.5125223	0.0192952	230.7564840	-10.4208716	-4.4631	0.0152
286.4215871	0.0597728	-15.6604685	0.0489824	20.4371132	-10.1560195	0.6272	0.0704
119.5536254	0.0187423	-60.8012857	0.0180848	273.8686212	-15.8620378	-5.1612	0.0247
119.4383737	0.0259215	-60.9264129	0.0263371	273.9570220	-15.9696417	-4.4603	0.0331
266.6945976	0.0543079	5.5648849	0.0467437	30.5332189	16.9073666	-1.1434	0.0609
40.4864313	0.0316883	42.7897861	0.0338421	143.6217672	-15.5987675	0.6879	0.0364
29.4848866	0.0821371	41.6945371	0.0851866	136.0296429	-19.4796802	4.8339	0.1053
114.0446001	0.0152674	-14.4613443	0.0137217	230.8912113	3.0552162	-6.9315	0.0184
108.6733921	0.0245341	-10.2852432	0.0243532	224.7239387	0.4176816	-1.2395	0.0317
113.9989291	0.0175236	-25.5118424	0.0256759	240.5266608	-2.3619854	-4.8943	0.0233
275.0172575	0.0265946	-32.3675833	0.0242247	0.6297240	-8.1371260	-0.0408	0.0344
100.3644871	0.0175110	-24.3830199	0.0250362	233.9343417	-12.9166420	-4.6061	0.0234
344.7426015	0.0168798	58.5692106	0.0152215	108.7025879	-1.1605210	4.9954	0.0199
108.5049688	0.0186347	-10.1507903	0.0209018	224.5278725	0.3333548	-1.1176	0.0233
71.3248518	0.0175927	19.2114555	0.0087573	180.1639205	-16.8286231	-1.0527	0.0244
40.7955259	0.0110747	61.5993306	0.0138085	135.8119268	1.5541475	-1.8494	0.0181
83.9927245	0.0296883	9.5317065	0.0231702	195.5128457	-12.0235021	1.0377	0.0404
292.6199126	0.0177634	-7.2736105	0.0141089	30.8230100	-11.9697762	0.5873	0.0211
325.1233585	0.0116019	43.4496152	0.0118988	90.1639288	-6.9471209	0.2027	0.0155
87.0823539	0.0173811	33.5880443	0.0142138	176.3191665	2.9047954	-2.2346	0.0189
291.4873067	0.0168222	-0.0561421	0.0154464	36.8394702	-7.6984152	-0.6992	0.0226
269.9385156	0.0145623	3.0349000	0.0129775	29.7153888	12.8776553	0.6165	0.0195
342.0268272	0.0138591	59.1118620	0.0146240	107.6769110	-0.0574385	4.7913	0.0197
331.4430011	0.0155966	49.2327922	0.0149827	97.2262813	-5.1906012	4.4095	0.0220
347.5883710	0.0109703	47.2838001	0.0114770	105.6986652	-12.1773377	-0.8740	0.0149
47.8375766	0.0132666	63.1776071	0.0140383	137.9699104	4.4664987	-3.5040	0.0208
78.7641166	0.0209177	32.6508872	0.0120973	173.2852080	-3.4348650	-0.1819	0.0246
347.8537298	0.0123967	57.1240604	0.0120744	109.6465105	-3.1450706	0.4175	0.0157
299.2196451	0.0058630	27.0327053	0.0076522	64.1952580	-0.9198926	-1.0388	0.0080
98.2244389	0.0320006	3.7056302	0.0315349	207.5165684	-2.4242121	-1.7272	0.0388
91.9112602	0.0165679	21.0572711	0.0147044	189.3162787	0.3492015	1.4304	0.0190
75.9106832	0.0323749	23.7304554	0.0203904	179.0812315	-10.7037595	-0.7864	0.0436
86.5802308	0.0301816	26.0713087	0.0227789	182.5276971	-1.3577725	1.0167	0.0391
83.5795188	0.0261914	30.4021084	0.0185795	177.4533881	-1.3004511	0.0307	0.0342

pmdec	pmdec_error	parallax	parallax_error	pseudocolour	pseudocolour_error
17.0761	0.0305	6.7614	0.0361		
-48.3744	0.0654	6.8455	0.1012		
0.9346	0.0133	2.1189	0.0173		
-45.5273	0.2763	7.6713	0.3104	1.7508	0.0754
-22.3655	0.0509	6.2582	0.0689		
4.7325	0.0471	4.1243	0.0440		
-21.2854	0.0950	5.0056	0.1264		
-22.5032	0.1736	21.6862	0.1983	1.7429	0.0454
-5.2040	0.0231	2.8094	0.0309		
-2.4163	0.0172	0.9020	0.0149		
-1.3933	0.0255	2.0027	0.0367		
-1.3550	0.0327	1.3750	0.0353		
-1.3383	0.0257	1.3159	0.0279		
-1.3236	0.0220	1.3526	0.0267		
-10.9996	0.0596	3.9952	0.0691		
11.4406	0.0238	2.4490	0.0189		
11.1996	0.0341	2.4566	0.0269		
-8.2544	0.0507	2.8080	0.0528		
-5.8550	0.0359	2.0871	0.0399		
-5.4620	0.1257	2.0648	0.1009		
0.6921	0.0162	2.1145	0.0202		
0.8895	0.0297	0.9028	0.0298		
4.0915	0.0318	1.0931	0.0320		
-4.9227	0.0278	1.0843	0.0313		
6.5050	0.0288	2.5810	0.0313		
-1.6246	0.0184	1.9622	0.0180		
0.8430	0.0232	0.8954	0.0249		
-1.5214	0.0162	1.6775	0.0192		
1.8625	0.0189	0.8751	0.0188		
-2.3597	0.0268	2.5390	0.0350		
-9.5272	0.0156	1.5589	0.0190		
-0.7565	0.0143	1.5905	0.0152		
-1.4651	0.0135	1.9157	0.0219		
-2.0917	0.0183	1.1793	0.0211		
-8.8609	0.0167	1.8293	0.0176		
-2.2508	0.0180	2.3390	0.0164		
0.3471	0.0192	2.8380	0.0193		
-3.4541	0.0153	1.3785	0.0180		
0.1732	0.0209	1.5279	0.0218		
-2.7090	0.0176	0.8072	0.0233		
-1.1869	0.0147	0.9036	0.0153		
-4.2967	0.0097	0.8395	0.0102		
-4.4264	0.0327	1.4938	0.0389	1.7499	0.0090
-2.4544	0.0143	0.5596	0.0206		
-2.2557	0.0285	1.4394	0.0409		
-3.0913	0.0235	1.7210	0.0368		
-2.7255	0.0239	1.2756	0.0291	1.6122	0.0061

parallax_pmra_corr	parallax_pmdec_corr	pmra_pmdec_corr	parallax_pseudocolour_corr
-0.0010	0.2241	0.0151	
-0.2817	0.4192	-0.0087	
0.2812	-0.2667	-0.0708	
-0.0836	-0.1354	-0.1000	-0.0138
-0.2371	-0.1152	-0.0355	
-0.1643	0.0452	-0.1691	
-0.0826	0.5113	-0.0787	
0.2580	-0.3229	-0.1139	-0.0239
0.0521	0.0723	-0.5408	
-0.1597	-0.0528	-0.2857	
0.1978	-0.1705	-0.3139	
-0.0299	-0.0075	0.2022	
0.1101	0.0353	0.2158	
-0.1261	0.0997	0.1331	
-0.3872	0.0681	0.2675	
0.1170	-0.1284	-0.0251	
0.1453	-0.1509	-0.0360	
-0.2595	-0.0150	0.4727	
-0.0500	-0.0561	0.2120	
0.2275	0.0661	0.3025	
0.1014	-0.2818	-0.0117	
0.0523	0.1538	-0.0120	
0.1549	-0.1139	-0.0740	
-0.2265	0.3401	0.2361	
0.0715	-0.0727	-0.0434	
-0.1085	-0.0215	0.0045	
0.1502	-0.0184	0.0834	
0.0213	0.2431	-0.2058	
-0.0677	0.0276	-0.1415	
-0.0357	0.2806	-0.3415	
-0.0479	0.0260	-0.0089	
-0.0139	-0.0330	-0.2142	
0.1131	0.5509	-0.1628	
-0.0487	-0.0250	0.0308	
-0.1975	0.2151	0.1921	
-0.2246	0.0604	-0.3892	
-0.1702	-0.0131	-0.1665	
-0.2744	0.0894	-0.2733	
-0.1500	0.3021	-0.4284	
0.1628	0.3455	0.0328	
-0.1615	0.0932	-0.1631	
-0.1181	-0.0759	-0.1092	
0.2613	0.0664	-0.2011	0.0006
0.0120	0.2918	-0.2077	
0.3545	0.3325	0.0550	
0.1205	0.3938	-0.2406	
0.1743	0.1485	-0.3158	-0.0797

pmra_pseudocolour_corr	pmdec_pseudocolour_corr	astrometric_params_solved	ecl_lat
			31 35.1694147
			31 -2.2625596
			31 -35.5483377
-0.0445	-0.2091		95 4.3897973
			31 -3.4592273
			31 59.3427886
			31 15.2112214
0.0780	-0.0432		95 -58.9859528
			31 46.0367230
			31 57.6715204
			31 -33.0375677
			31 -43.5476540
			31 -43.6710542
			31 -43.3687342
			31 6.8762436
			31 -75.8607254
			31 -75.9801225
			31 28.9610271
			31 25.7043822
			31 27.6506829
			31 -35.5118748
			31 -32.3166231
			31 -46.3123317
			31 -9.0029733
			31 -47.3202661
			31 56.8714466
			31 -32.2085459
			31 -3.0923575
			31 43.1132833
			31 -13.7804562
			31 14.3629504
			31 52.7587084
			31 10.1737659
			31 21.6682460
			31 26.4741662
			31 58.2517539
			31 54.9886286
			31 47.0620984
			31 43.2926975
			31 9.5844064
			31 54.6840925
			31 46.5711046
-0.0488	-0.0200		95 -19.4853402
			31 -2.3701670
			31 0.9188525
			31 2.6685208
-0.2631	0.3711		95 7.0870485

nu_eff_used_in_astrometry	ruwe	rybizki_fidelity_v1	phot_g_mean_flux
1.7544	1.1131	1.0000	51940299.68
1.7676	1.8353	1.0000	47017715.86
1.6992	0.8768	1.0000	1287309.02
	3.5421	1.0000	536546257.60
1.7804	1.5315	1.0000	57040667.34
1.8036	0.9757	1.0000	65135484.71
1.6690	0.9481	1.0000	289781249.73
	2.3901	1.0000	712102177.42
1.7622	0.9008	1.0000	40869863.36
1.6680	0.8204	1.0000	628086.18
1.7670	1.0855	1.0000	4540123.85
1.7782	1.1927	1.0000	14114204.80
1.7590	1.2524	1.0000	4470037.13
1.7721	1.1319	1.0000	3547286.52
1.7586	1.0751	1.0000	80924480.69
1.7202	0.9004	1.0000	25313042.65
1.7470	1.0421	1.0000	34785375.92
1.7211	2.1805	1.0000	8464889.96
1.7592	0.9608	1.0000	7327487.28
1.7812	2.3346	0.9995	37844826.36
1.7326	0.9049	1.0000	2113063.27
1.7285	1.4322	1.0000	1177821.68
1.8111	1.0216	1.0000	5909892.39
1.7360	0.7723	1.0000	2948117.83
1.7924	1.0279	1.0000	9367102.17
1.7302	0.8128	1.0000	7690703.21
1.7509	0.9558	1.0000	1879805.09
1.5987	1.0159	1.0000	1692180.32
1.6497	1.1192	1.0000	696736.24
1.7744	1.0293	1.0000	6620146.77
1.6397	1.0966	1.0000	1962791.75
1.7082	0.9640	1.0000	927269.96
1.6610	1.0234	1.0000	1246523.37
1.6977	0.9314	1.0000	898447.96
1.6639	0.8695	1.0000	781368.67
1.7112	0.8478	1.0000	7179149.22
1.7515	0.8924	1.0000	4755162.52
1.7071	0.9832	1.0000	942445.26
1.6928	1.0327	1.0000	1618868.71
1.6569	1.4178	1.0000	262432.78
1.6187	0.9369	1.0000	549451.35
1.5885	0.8643	1.0000	260328.32
	1.0250	1.0000	2571247.84
1.6174	1.0871	1.0000	88984.61
1.6402	1.8864	1.0000	1020305.34
1.7201	1.1640	1.0000	3111650.90
	1.0095	1.0000	1959201.93

phot_g_mean_flux_error	phot_bp_mean_flux	phot_bp_mean_flux_error	phot_rp_mean_flux
15331.56	37924512.16	27910.37	22484348.10
13515.00	34881007.34	21009.99	19660770.84
368.28	879483.12	476.56	611560.93
1446940.10	398719992.42	2391724.00	228508366.46
26127.38	42598317.47	52866.14	23705366.57
23744.35	50192486.81	41229.79	25366852.32
203039.30	193149698.61	135882.92	143421345.76
1214042.40	535957009.65	4670780.00	286724753.72
12998.16	30069156.01	21220.56	17549770.54
206.27	409155.00	231.08	323339.19
1403.39	3366589.74	2038.04	1896805.42
3480.85	10680230.68	3676.86	5722734.09
721.90	3295163.33	825.74	1874909.95
736.76	2652752.20	750.73	1446669.63
76020.09	59055732.65	74948.73	34621938.61
5544.26	17782153.40	11698.38	11892926.83
8297.09	25262419.39	12868.49	15330215.25
4714.66	6953907.24	10777.87	4770690.60
2453.59	5380627.55	5448.49	3116809.57
16301.12	28414500.79	29871.07	15572748.46
527.61	1508744.05	581.19	931082.22
386.07	836400.19	622.98	527367.83
1892.91	4605758.74	3488.93	2232391.62
1337.49	2102915.34	1153.20	1325338.97
2971.46	7201527.04	2932.08	3649017.93
2444.29	5470037.68	2939.26	3487227.56
641.94	1372596.95	742.01	805100.98
421.10	983872.60	256.58	1038445.46
191.41	441597.35	291.10	379308.56
2272.53	4967597.28	2051.41	2723278.56
598.30	1223394.45	662.40	1097456.59
275.23	638359.92	403.69	433274.81
439.16	801478.37	216.05	644086.86
224.33	612882.74	359.47	433291.78
255.72	506781.92	464.27	402646.05
2609.18	4957929.51	4377.89	3448116.88
3118.26	3483936.08	7698.71	2013138.82
291.19	651113.23	699.39	437915.74
2462.44	1085768.47	4570.23	804631.05
78.52	167858.28	79.64	140344.31
173.86	330207.77	170.88	320202.99
33.29	148627.98	59.57	161858.90
1431.92	1891821.51	1187.22	1078049.99
42.52	53366.38	49.27	51965.35
395.74	643825.64	371.22	579508.60
931.86	2183915.56	720.85	1441188.27
1764.98	1331433.54	14770.23	1328586.71

phot_rp_mean_flux_error	phot_g_mean_mag	phot_bp_mean_mag	phot_rp_mean_mag	bp_rp
13329.75	6.3986	6.3912	6.3682	0.0230
12074.40	6.5067	6.4821	6.5139	-0.0318
194.40	10.4132	10.4780	10.2818	0.1962
430378.84	3.8633	3.8369	3.8506	-0.0138
18960.70	6.2969	6.2651	6.3108	-0.0457
15682.19	6.1528	6.0869	6.2372	-0.1503
370418.28	4.5322	4.6238	4.3564	0.2674
395740.40	3.5560	3.5157	3.6042	-0.0885
12382.16	6.6589	6.6432	6.6372	0.0060
86.23	11.1923	11.3088	10.9738	0.3351
1431.84	9.0447	9.0206	9.0528	-0.0323
2721.55	7.8132	7.7671	7.8539	-0.0868
405.09	9.0616	9.0439	9.0654	-0.0216
417.22	9.3126	9.2793	9.3470	-0.0677
90292.52	5.9172	5.9104	5.8995	0.0109
3861.05	7.1790	7.2136	7.0597	0.1539
6669.91	6.8339	6.8324	6.7840	0.0483
10447.87	8.3683	8.2330	8.0514	0.1815
2475.49	8.5250	8.5115	8.5136	-0.0022
10017.05	6.7424	6.7047	6.7670	-0.0623
257.86	9.8751	9.8920	9.8254	0.0666
262.36	10.5097	10.5325	10.4426	0.0899
1125.06	8.7584	8.6803	8.8760	-0.1957
557.38	9.5135	9.5315	9.4421	0.0894
1170.44	8.2584	8.1950	8.3425	-0.1475
1191.15	8.4725	8.4936	8.3917	0.1019
228.86	10.0021	9.9947	9.9833	0.0114
177.63	10.1163	10.3562	9.7069	0.6493
173.85	11.0797	11.2260	10.8004	0.4256
796.25	8.6352	8.5982	8.6602	-0.0620
359.10	9.9552	10.1196	9.6469	0.4727
244.32	10.7694	10.8259	10.6560	0.1699
859.11	10.4481	10.5788	10.2255	0.3533
134.53	10.8036	10.8701	10.6559	0.2142
418.86	10.9552	11.0765	10.7356	0.3409
2927.98	8.5472	8.6003	8.4039	0.1964
3851.29	8.9945	8.9834	8.9882	-0.0048
336.22	10.7517	10.8044	10.6444	0.1600
3430.01	10.1643	10.2492	9.9839	0.2653
50.59	12.1398	12.2762	11.8799	0.3963
94.56	11.3375	11.5416	10.9843	0.5572
41.17	12.1486	12.4083	11.7251	0.6832
428.74	9.6620	9.6463	9.6663	-0.0200
42.69	13.3141	13.5204	12.9586	0.5618
244.99	10.6655	10.8166	10.3402	0.4764
605.70	9.4549	9.4905	9.3511	0.1394
15690.10	9.9572	10.0277	9.4394	0.5883

bp_g	g_rp	radial_velocity	radial_velocity_error	rv_method_used	rv_nb_transits
-0.0074	0.0304				
-0.0246	-0.0072	-0.79	0.27	1	22
0.0648	0.1314	30.60	2.70	1	12
-0.0265	0.0127	16.29	0.30	1	9
-0.0318	-0.0139				
-0.0659	-0.0844				
0.0916	0.1758	-19.89	0.60	1	24
-0.0403	-0.0482				
-0.0156	0.0216	13.51	4.53	1	41
0.1165	0.2186	-18.55	8.55	1	27
-0.0241	-0.0081	13.18	5.82	1	11
-0.0461	-0.0407				
-0.0177	-0.0039				
-0.0333	-0.0343	-2.62	4.24	1	34
-0.0068	0.0177	-24.71	0.73	1	12
0.0346	0.1193				
-0.0015	0.0499	26.73	0.26	1	22
-0.1353	0.3169				
-0.0135	0.0114	-3.74	2.70	1	8
-0.0377	-0.0246	-3.28	6.94	1	10
0.0169	0.0497	30.13	4.09	1	12
0.0228	0.0671	16.93	9.33	1	15
-0.0781	-0.1176				
0.0180	0.0714				
-0.0634	-0.0841	25.83	0.51	1	20
0.0211	0.0808	-4.76	0.77	1	14
-0.0074	0.0188				
0.2399	0.4093				
0.1463	0.2793				
-0.0370	-0.0250				
0.1644	0.3083	13.31	5.32	1	11
0.0565	0.1134	-8.56	1.60	1	24
0.1307	0.2226				
0.0665	0.1477				
0.1213	0.2196	-7.34	1.36	1	13
0.0531	0.1432				
-0.0111	0.0062	-5.54	2.93	1	13
0.0527	0.1073	-10.28	1.59	1	32
0.0849	0.1804				
0.1364	0.2599				
0.2040	0.3532	-15.98	7.17	1	21
0.2597	0.4235	13.73	17.90	1	27
-0.0157	-0.0043	14.58	5.21	1	11
0.2063	0.3555				
0.1511	0.3253				
0.0356	0.1038	0.90	3.18	1	15
0.0706	0.5177				

rv_nb_deblended_transits	grvs_mag	grvs_mag_error	grvs_mag_nb_transits	vbroad
0	6.4935	0.0052	24	17.18
4	10.2292	0.0077	6	
0	3.8476	0.0058	9	84.09
0	4.2702	0.0050	24	93.07
0	6.6014	0.0050	45	186.01
14	10.8507	0.0213	11	8.10
5	9.0255	0.0061	5	
3	9.3245	0.0056	27	7.74
0	5.8762	0.0070	12	180.79
0	6.7394	0.0056	22	27.17
3	8.4815	0.0109	5	
0	6.7529	0.0051	11	213.25
7	9.7875	0.0108	5	
5	10.3922	0.0142	9	67.96
4	8.3488	0.0061	16	18.81
2	8.3408	0.0082	11	
4	9.5074	0.0130	5	
3	10.6090	0.0105	20	41.03
1	10.6628	0.0121	12	35.36
5	8.9610	0.0054	6	
10	10.5947	0.0083	21	48.82
2	10.8330	0.0211	18	51.55
20	11.5348	0.0192	7	
1	9.6380	0.0079	9	45.55
1	9.2781	0.0054	8	110.90

vbroad_error	vbroad_nb_transits	phot_variable_flag	non_single_star	has_rvs	r_med_geo
		NOT_AVAILABLE		0 #####	146.995071
1.16	20	NOT_AVAILABLE		0 PRAVDA	145.230881
		NOT_AVAILABLE		0 #####	
5.13	9	NOT_AVAILABLE		0 PRAVDA	130.644379
		NOT_AVAILABLE		0 #####	
		NOT_AVAILABLE		0 #####	
16.52	24	NOT_AVAILABLE		0 PRAVDA	
		NOT_AVAILABLE		0 #####	46.1063995
8.36	41	VARIABLE		2 PRAVDA	
11.26	6	NOT_AVAILABLE		0 PRAVDA	
		NOT_AVAILABLE		0 PRAVDA	
		NOT_AVAILABLE		0 #####	
		NOT_AVAILABLE		0 #####	
6.20	27	NOT_AVAILABLE		0 PRAVDA	
23.52	11	VARIABLE		0 #####	
		NOT_AVAILABLE		0 #####	
1.51	17	NOT_AVAILABLE		0 PRAVDA	
		NOT_AVAILABLE		0 #####	
		NOT_AVAILABLE		0 PRAVDA	
8.06	10	NOT_AVAILABLE		0 PRAVDA	
		NOT_AVAILABLE		0 PRAVDA	
55.58	8	NOT_AVAILABLE		0 PRAVDA	
		NOT_AVAILABLE		0 #####	
		NOT_AVAILABLE		0 #####	
2.87	16	NOT_AVAILABLE		0 PRAVDA	
		NOT_AVAILABLE		0 PRAVDA	
		NOT_AVAILABLE		0 #####	
		NOT_AVAILABLE		0 #####	
		VARIABLE		0 #####	
		NOT_AVAILABLE		0 #####	
		NOT_AVAILABLE		0 PRAVDA	
18.08	20	NOT_AVAILABLE		0 #####	
		NOT_AVAILABLE		0 #####	
		NOT_AVAILABLE		0 #####	
20.48	12	NOT_AVAILABLE		0 #####	
		VARIABLE		0 #####	
		VARIABLE		0 PRAVDA	
16.24	19	NOT_AVAILABLE		0 #####	
		NOT_AVAILABLE		0 #####	
		NOT_AVAILABLE		0 #####	
72.99	16	NOT_AVAILABLE		0 PRAVDA	
		NOT_AVAILABLE		0 PRAVDA	
22.43	9	VARIABLE		0 PRAVDA	
		VARIABLE		0 #####	
		NOT_AVAILABLE		0 #####	
15.68	8	NOT_AVAILABLE		0 PRAVDA	
		NOT_AVAILABLE		0 #####	

r_med_photgeo	Source	RA_ICRS	DE_ICRS	mass16	mass50	mass84
147.017365	0 4493602768870654336	263.0620097	11.9301252	2.194	2.266	2.410
144.524872	0 4112490185933375744	258.0567031	-25.2553569	2.143	2.366	2.538
	0 3030027207464910976	114.0919008	-14.5078701	1.688	1.829	2.012
130.689453						
	0 6241992180213281920	241.9661432	-24.4624459	2.596	2.912	3.035
	0 2007837910283337216	335.7509222	57.2846339	3.258	3.831	5.047
46.0977516						
	0 509749125548519424	25.5122086	61.0382149	3.641	4.294	4.703
	0 2004609812868112512	333.1509235	53.5872726	2.084	2.181	2.762
	0 3034951232849842816	111.9610673	-11.5530992	2.202	2.407	2.950
	0 2927012515646285440	101.4201990	-20.6936148	4.042	4.109	5.163
	0 2927209057649389696	101.4093187	-20.5125223	2.918	3.290	3.561
	0 5290721176859357952	119.5536254	-60.8012857	2.945	3.571	3.816
	0 5290671733195996416	119.4383737	-60.9264129	3.766	4.101	4.439
	0 4474053727005666816	266.6945976	5.5648849	4.490	4.744	5.166
	0 337165829070036608	40.4864313	42.7897861	2.704	3.182	3.698
	0 345791016754361088	29.4848866	41.6945371	4.100	4.421	4.811
	0 3030030746517945600	114.0446001	-14.4613443	1.911	2.142	2.294
	0 3047853486404071424	108.6733921	-10.2852432	2.597	3.131	3.527
	0 5614891457089541888	113.9989291	-25.5118424	4.144	4.740	5.705
	0 4045620019094641792	275.0172575	-32.3675833	3.129	3.344	3.738
	0 2923664266517743488	100.3644871	-24.3830199	2.849	3.110	3.392
	0 2013229395598201088	344.7426015	58.5692106	3.042	3.204	3.853
	0 3047870971209399552	108.5049688	-10.1507903	3.155	3.599	4.313
	0 3410105631029990400	71.3248518	19.2114555	2.579	3.609	3.741
	0 465677950723990656	40.7955259	61.5993306	2.154	2.843	3.142
	0 3337914343251052416	83.9927245	9.5317065	2.989	3.005	3.145
	0 4207295610357915008	292.6199126	-7.2736105	2.403	2.665	3.082
	0 1967698073640460672	325.1233585	43.4496152	2.251	2.560	2.580
	0 3454347367594873088	87.0823539	33.5880443	2.282	2.589	2.676
	0 4263438735676544512	291.4873067	-0.0561421	2.784	2.921	3.163
	0 4469342938160504704	269.9385156	3.0349000	1.715	1.831	2.093
	0 2008292283458395392	342.0268272	59.1118620	3.247	3.689	4.418
	0 1976630982838858880	331.4430011	49.2327922	2.268	2.604	2.797
	0 1942267572276004096	347.5883710	47.2838001	2.074	2.269	2.592
	0 466807389678986880	47.8375766	63.1776071	2.949	3.016	3.472
	0 180704873465298432	78.7641166	32.6508872	2.097	2.193	2.374
	0 2009524629830880000	347.8537298	57.1240604	2.565	3.016	3.721
	0 2027500408007197824	299.2196451	27.0327053	1.988	2.780	3.175
	0 3375294676281816320	91.9112602	21.0572711	2.241	2.556	2.575
	0 3418682062245934336	75.9106832	23.7304554	2.184	2.414	3.116
	0 3429317603862413696	86.5802308	26.0713087	2.080	2.402	2.729
	0 3446084812588932864	83.5795188	30.4021084	3.942	4.587	5.573

teff16	teff50	teff84	logg16	logg50	logg84	met16	met50	met84	dist05	dist16	dist50
8832	9087	9533	3.832	3.849	3.905	-0.48	-0.18	0.10	0.1454	0.1475	0.1482
9268	9819	10307	3.935	3.961	4.039	-0.51	-0.10	0.21	0.1410	0.1436	0.1476
8534	9129	9809	4.219	4.260	4.328	-0.49	-0.12	0.10	0.4562	0.4604	0.4662
10541	11686	12230	3.973	4.057	4.101	-0.39	-0.10	0.12	0.1537	0.1557	0.1573
11436	13660	17116	3.748	3.920	4.115	-0.21	-0.09	0.09	0.2318	0.2339	0.2409
10918	12538	15099	3.543	3.688	3.788	-0.29	0.12	0.31	0.3384	0.3411	0.3494
8013	8496	10609	3.768	3.819	4.010	-0.31	-0.11	0.11	1.0147	1.0372	1.0458
9228	10026	12244	3.915	3.997	4.180	-0.40	-0.11	0.11	0.4693	0.4730	0.4877
11390	12097	14846	3.506	3.547	3.725	-0.19	-0.09	0.10	0.6520	0.6799	0.7078
10692	12523	13815	3.907	4.044	4.087	-0.32	0.00	0.23	0.6823	0.6939	0.7200
8569	10123	10784	3.295	3.437	3.476	-0.20	0.20	0.40	0.3918	0.3929	0.4042
10454	11233	12608	3.435	3.496	3.602	-0.01	0.11	0.31	0.3872	0.3905	0.4019
16262	17648	20330	4.225	4.262	4.391	-0.77	-0.31	-0.08	0.3304	0.3431	0.3483
10221	12165	13806	3.869	4.033	4.130	-0.40	0.01	0.12	0.4512	0.4609	0.4703
11395	12472	14099	3.466	3.540	3.599	-0.21	0.00	0.30	0.4171	0.4273	0.4611
9090	9577	10273	4.154	4.220	4.284	-0.31	-0.10	0.10	0.4541	0.4560	0.4664
10512	11409	13215	3.863	3.922	4.105	-0.60	-0.19	0.30	0.9961	1.0282	1.1034
14659	15931	18327	3.869	4.012	4.154	-0.49	-0.09	0.21	0.8102	0.8487	0.8948
10767	11554	12365	3.720	3.766	3.832	-0.31	0.10	0.40	0.8130	0.8715	0.9229
11913	12856	14638	4.160	4.217	4.299	-0.49	-0.19	0.09	0.3721	0.3774	0.3849
10852	11954	13481	3.808	3.851	3.979	-0.39	-0.18	0.22	0.4881	0.4946	0.5013
11282	13277	15703	3.862	4.005	4.145	-0.41	-0.19	0.12	1.0113	1.0387	1.0646
9146	13377	13836	3.806	4.084	4.134	-0.01	0.09	0.30	0.5734	0.5844	0.5881
8300	11587	12847	3.668	3.923	4.011	-0.50	-0.29	0.00	1.0367	1.0549	1.0920
11253	12074	13063	4.160	4.230	4.245	-0.28	0.21	0.33	0.3850	0.3852	0.3900
8275	9510	12151	3.696	3.778	3.960	-0.21	0.07	0.32	0.6166	0.6181	0.6287
10878	13263	13447	4.381	4.495	4.501	-0.59	-0.59	-0.16	0.6039	0.6135	0.6245
11796	12842	14155	4.351	4.430	4.495	-0.79	-0.60	-0.30	0.5024	0.5096	0.5179
11983	12605	13824	4.192	4.264	4.314	-0.32	-0.20	0.09	0.7887	0.7993	0.8484
8365	9121	10841	4.236	4.289	4.415	-0.48	-0.13	0.09	0.5253	0.5293	0.5365
12528	14142	16531	4.036	4.103	4.254	-0.39	-0.10	0.22	0.4111	0.4159	0.4216
11437	12765	14000	4.312	4.412	4.482	-0.69	-0.50	-0.21	0.3413	0.3447	0.3491
9226	10811	12239	4.137	4.218	4.339	-0.51	-0.20	0.10	0.6873	0.6941	0.7155
12703	13368	14674	4.257	4.265	4.373	-0.41	-0.40	-0.09	0.6245	0.6315	0.6426
8881	9492	10773	4.025	4.086	4.175	-0.32	-0.02	0.02	1.1006	1.1109	1.2009
10720	12408	13866	3.883	3.995	4.109	-0.59	-0.29	0.22	0.9988	1.0210	1.0636
7644	11864	13390	3.795	4.147	4.250	-0.49	-0.29	0.10	1.1141	1.1248	1.1401
10196	10359	11088	4.194	4.201	4.277	-0.40	0.21	0.26	1.5258	1.5441	1.7563
8293	9456	12306	3.875	3.945	4.172	-0.42	-0.02	0.28	0.6327	0.6415	0.6827
8708	9563	10350	3.808	3.897	3.978	-0.48	-0.18	0.28	0.5390	0.5462	0.5691
13565	14547	16991	3.776	3.851	4.036	-0.30	0.00	0.10	0.7077	0.7307	0.7568

dist84	dist95	AV05	AV16	AV50	AV84	AV95	fidelity	XGal	YGal	ZGal
0.1491	0.1492	-0.0865	0.0082	0.0226	0.1335	0.2310	1.0000	-8.0881	0.0783	0.0577
0.1499	0.1501	-0.0876	-0.0211	0.0628	0.1240	0.2360	1.0000	-8.0540	-0.0026	0.0211
0.4697	0.4749	-0.0069	0.2094	0.3634	0.4715	0.5676	1.0000	-8.4933	-0.3616	0.0250
0.1630	0.1657	-0.0455	0.0311	0.1492	0.1850	0.2367	1.0000	-8.0544	-0.0257	0.0537
0.2449	0.2480	-0.0830	-0.0775	0.1116	0.2538	0.3047	1.0000	-8.2579	0.2338	0.0000
0.3588	0.3620	0.0465	0.1886	0.3277	0.4461	0.5077	1.0000	-8.4199	0.2714	-0.0075
1.0766	1.0782	0.2373	0.3323	0.4527	0.8993	0.9298	1.0000	-8.3927	1.0271	-0.0413
0.5062	0.5176	-0.1394	-0.0792	0.0464	0.2429	0.3157	1.0000	-8.5300	-0.3584	0.0227
0.7461	0.7618	0.0164	0.0749	0.1403	0.3167	0.3557	1.0000	-8.6387	-0.5404	-0.1289
0.7555	0.7599	-0.0043	0.0470	0.2013	0.2719	0.3398	1.0000	-8.6480	-0.5484	-0.1302
0.4093	0.4109	0.2125	0.2238	0.5046	0.6055	0.6275	1.0000	-8.1738	-0.3879	-0.1105
0.4092	0.4137	0.1358	0.2484	0.3684	0.4621	0.5237	1.0000	-8.1733	-0.3855	-0.1106
0.3615	0.3710	0.9520	1.0291	1.0506	1.1571	1.1912	1.0000	-7.9130	0.1693	0.1013
0.4871	0.4992	0.0250	0.0815	0.2843	0.3880	0.4525	1.0000	-8.5647	0.2686	-0.1265
0.4940	0.5209	0.0962	0.1222	0.2022	0.2899	0.3866	0.9995	-8.5128	0.3018	-0.1538
0.4740	0.4766	0.0283	0.0676	0.1805	0.2788	0.3876	1.0000	-8.4938	-0.3614	0.0249
1.1708	1.2038	0.2513	0.3521	0.4649	0.5642	0.6649	1.0000	-8.9840	-0.7764	0.0080
0.9636	0.9693	-0.0222	0.0538	0.1094	0.2385	0.2957	1.0000	-8.6399	-0.7783	-0.0369
0.9604	0.9647	0.1635	0.3727	0.4416	0.4987	0.5859	1.0000	-7.2865	0.0100	-0.1306
0.3928	0.3954	-0.0950	-0.0313	0.0201	0.1348	0.1867	1.0000	-8.4208	-0.3032	-0.0860
0.5088	0.5139	0.2948	0.3908	0.4891	0.5970	0.6612	1.0000	-8.3607	0.4747	-0.0102
1.1256	1.1325	0.1102	0.2783	0.3999	0.5168	0.5955	1.0000	-8.9589	-0.7465	0.0062
0.5949	0.5960	1.1850	1.2242	1.6263	1.6445	1.6802	1.0000	-8.7629	-0.0016	-0.1702
1.1150	1.1416	0.4873	0.4957	1.0851	1.1516	1.2235	1.0000	-8.9827	0.7608	0.0296
0.3992	0.4012	0.1802	0.1848	0.2596	0.3507	0.4122	1.0000	-8.5675	-0.1020	-0.0812
0.6428	0.6453	0.6171	0.7031	1.0040	1.2567	1.3130	1.0000	-7.6719	0.3151	-0.1304
0.6260	0.6269	0.3513	0.4370	0.6373	0.6557	0.6581	1.0000	-8.2018	0.6199	-0.0755
0.5280	0.5328	0.6423	0.7657	0.8387	0.9153	0.9389	1.0000	-8.7162	0.0332	0.0262
0.8572	0.8697	0.5920	0.6815	0.7290	0.8028	0.8512	1.0000	-7.5271	0.5041	-0.1137
0.5418	0.5486	0.2313	0.3043	0.5092	0.7908	0.8536	1.0000	-7.7458	0.2593	0.1196
0.4250	0.4289	0.5855	0.6549	0.7712	0.8735	0.9011	1.0000	-8.3280	0.4017	-0.0004
0.3528	0.3555	0.0990	0.1550	0.2734	0.3502	0.3769	1.0000	-8.2437	0.3449	-0.0316
0.7285	0.7423	0.1687	0.2386	0.4843	0.6015	0.6634	1.0000	-8.3892	0.6733	-0.1509
0.6429	0.6584	0.7045	0.7196	0.7403	0.8595	0.9038	1.0000	-8.6759	0.4289	0.0500
1.2325	1.2682	0.7114	0.7205	0.8391	1.0013	1.0305	1.0000	-9.3905	0.1402	-0.0719
1.0939	1.1010	0.4897	1.2846	1.4036	1.5106	1.5536	1.0000	-8.5571	1.0002	-0.0584
1.1720	1.1878	0.7531	0.7783	1.5811	1.6857	1.7154	1.0000	-7.7038	1.0263	-0.0183
1.7975	1.8061	1.1301	1.2735	1.2874	1.3723	1.3927	1.0000	-9.9331	-0.2843	0.0107
0.7070	0.7360	0.5282	0.7005	0.9972	1.3187	1.3855	1.0000	-8.8707	0.0108	-0.1268
0.5975	0.6080	0.0528	0.1190	0.3053	0.4223	0.5175	1.0000	-8.7684	-0.0251	-0.0135
0.7870	0.7879	1.6900	1.7134	1.7915	1.9167	1.9910	1.0000	-8.9559	0.0336	-0.0172

RGal	FlagPhoto	FlagOut	BP/RPCorr	AG50	ABP50	ARP50	GMAGO	BP-RP0
8.0885	GBPRPJHKsW1W2	0	0.008	0.021	0.025	0.014	0.523	0.012
8.0540	GBPRPJHKsW1W2	0	0.007	0.060	0.070	0.039	0.602	-0.062
8.5010	GBPRP/rizJHKsW1W2	0	-0.004	0.337	0.398	0.226	1.733	0.024
8.0545	GBPRPJHKsW1W2	0	0.010	0.146	0.169	0.094	0.167	-0.120
8.2612	GBPRPJHKsW1W2	10	0.010	0.113	0.129	0.071	-0.869	-0.208
8.4243	GBPRPJHKsW1W2	10	0.011	0.324	0.372	0.207	-1.382	-0.159
8.4553	GBPRPJHKsW1W2	10	-0.003	0.413	0.491	0.280	0.682	0.124
8.5376	GBPRP/z	10	0.006	0.044	0.052	0.029	0.559	-0.055
8.6556	GBPRPJHKsW1W2	10	0.010	0.139	0.159	0.089	-1.575	-0.157
8.6653	GBPRPJHKsW1W2	10	0.003	0.200	0.229	0.127	-0.174	-0.169
8.1830	GBPRPJHKsW1W2	10	0.012	0.475	0.557	0.315	-1.329	-0.089
8.1824	GBPRPJHKsW1W2	10	0.011	0.356	0.413	0.231	-1.543	-0.133
7.9148	GBPRPJHKsW1W2	10	0.224	1.085	1.226	0.671	-0.427	-0.373
8.5689	GBPRPJHKsW1W2	10	0.005	0.280	0.322	0.179	-0.117	-0.145
8.5182	GBPRPJHKsW1W2	10	0.010	0.201	0.230	0.128	-1.777	-0.164
8.5014	GBPRP/izJHKsW1W2	0	-0.002	0.170	0.199	0.113	1.362	-0.020
9.0174	GBPRP/rizJHKsW1W2	10	0.000	0.449	0.521	0.292	-0.153	-0.139
8.6749	GBPRP/zJHKsW1W2	10	0.008	0.115	0.128	0.070	-1.115	-0.254
7.2865	GBPRP/rizJHKsW1W2	0	0.005	0.428	0.496	0.277	-0.740	-0.129
8.4263	GBPRPJHKsW1W2	10	0.008	0.020	0.023	0.013	0.312	-0.158
8.3742	GBPRPJHKsW1W2	10	0.007	0.476	0.551	0.308	-0.504	-0.141
8.9900	GBPRP/grizJHKsW1W2	10	0.004	0.399	0.457	0.253	-0.533	-0.192
8.7629	GBPRPJHKsW1W2	10	0.006	1.558	1.818	1.018	-0.289	-0.151
9.0149	GBPRPJHKsW1W2	10	0.004	1.029	1.205	0.678	-0.140	-0.102
8.5681	GBPRPJHKsW1W2	0	0.009	0.255	0.294	0.164	0.425	-0.192
7.6783	GBPRP/grizJHKsW1W2	10	0.005	0.918	1.092	0.621	0.045	0.001
8.2252	GBPRPJHKsW1W2	10	-0.005	0.631	0.725	0.403	1.161	-0.152
8.7163	GBPRPJHKsW1W2	10	-0.011	0.819	0.946	0.528	1.058	-0.065
7.5440	GBPRP/grizJHKsW1W2	0	0.001	0.712	0.823	0.459	0.449	-0.149
7.7501	GBPRPJHKsW1W2	10	-0.006	0.470	0.556	0.316	1.838	0.101
8.3377	GBPRPJHKsW1W2	10	0.009	0.770	0.881	0.488	-0.347	-0.197
8.2510	GBPRPJHKsW1W2	10	0.002	0.272	0.311	0.173	1.007	-0.143
8.4162	GBPRPJHKsW1W2	10	-0.005	0.462	0.539	0.303	1.017	-0.076
8.6865	GBPRPJHKsW1W2	0	0.002	0.731	0.841	0.467	0.393	-0.108
9.3915	GBPRPJHKsW1W2	0	0.002	0.771	0.915	0.520	0.971	0.001
8.6153	GBPRPJHKsW1W2	10	0.001	1.335	1.562	0.877	-0.131	-0.128
7.7718	GBPRPJHKs	10	0.002	1.481	1.745	0.984	0.383	-0.078
9.9372	GBPRPy/JHKsW1W2	0	0.001	1.186	1.407	0.798	0.905	-0.048
8.8707	GBPRPJHKsW1W2	10	0.021	0.911	1.084	0.617	0.583	0.009
8.7684	GBPRPJHKsW1W2	0	0.005	0.286	0.336	0.190	0.393	-0.007
8.9559	GBPRPJHKsW1W2	10	0.173	1.736	2.016	1.125	-1.173	-0.304

g1-y	a	Delta a	name	id
9.618	1.391	0.060	HSC_242	1977
9.918	1.482	0.042	OCSN_99	5118
11.062	1.641	-0.215	NGC_2422	4566
			Melotte_22	4423
9.108	1.396	0.250	HSC_2907	4125
9.515	1.331	0.037	Delta_Cephei_Cluster	1409
10.345	1.399	-0.196	Mamajek_2	4415
9.733	1.050	-0.323	beta_Tuc_Group	7158
9.637	1.387	0.049	Theia_446	5595
10.268	1.521	-0.047	OC_0165	4936
9.698	1.549	0.188	OCSN_77	5109
9.784	1.411	0.019	NGC_2287	4537
10.040	1.530	0.045	NGC_2287	4537
9.672	1.507	0.156	NGC_2287	4537
			Theia_222	5535
9.952	1.433	-0.020	NGC_2516	4585
10.182	1.373	-0.163	NGC_2516	4585
9.644	1.306	-0.035	IC_4665	4299
9.644	1.613	0.272	NGC_1039	4465
			HSC_1058	2676
10.143	1.175	-0.347	NGC_2422	4566
10.981	1.426	-0.400	NGC_2353	4550
9.427	1.203	-0.059	Theia_3397	5909
9.542	1.378	0.074	Ferrero_1	1703
9.518	1.401	0.106	CWNU_1024	569
9.863	1.534	0.114	RSG_8	5207
9.814	1.539	0.136	NGC_2353	4550
11.055	2.036	0.183	NGC_1647	4483
9.410	1.488	0.232	NGC_1027	4464
9.539	1.543	0.240	Collinder_69	1312
9.714	1.689	0.323	UPK_40	6991
12.149	2.606	0.356	UPK_136	7031
14.781	3.567	0.361	HSC_1395	2917
9.896	1.836	0.404	UPK_45	6994
12.410	2.761	0.416	Melotte_186	4431
9.748	2.015	0.637	NGC_7429	4864
11.611	2.704	0.650	Theia_167	5521
10.749	2.727	0.985	Theia_401	5588
9.105	2.258	1.113	Trumpler_3	6044
10.224	1.811	0.260	Dolidze_16	1422
9.801	1.603	0.206	Theia_2526	5843
8.815	1.826	0.786	UBC_129	6134
			OC_0343	4981
10.186	2.097	0.559	CWNU_2157	996
10.666	1.564	-0.148	Theia_754	5648
10.267	1.513	-0.054	Theia_648	5624
7.639	1.563	0.950	UPK_369	7080

name_all

OCSN_99

Collinder_152,Escorial_21,MWSC_1278,Melotte_68,NGC_2422,OCL_596,Theia_320

Collinder_42,Escorial_1,M45,MWSC_305,Melotte_22,OCL_421,Pleiades,Theia_369

Delta_Cephei_Cluster,OCSN_33,Theia_161

Mamajek_2

beta_Tuc_Group,beta_Tucanae_Group

OCSN_45,Theia_446

OC_0165,Teutsch_181,Theia_2293,Theia_3159,Theia_3245,Theia_3701,Theia_4516

OCSN_77

Collinder_118,ESO_557-14,MWSC_978,Melotte_52,NGC_2287,OCL_597,Theia_476

Collinder_118,ESO_557-14,MWSC_978,Melotte_52,NGC_2287,OCL_597,Theia_476

Collinder_118,ESO_557-14,MWSC_978,Melotte_52,NGC_2287,OCL_597,Theia_476

OCSN_5,Theia_222

Collinder_172,ESO_124-6,FSR_1487,MWSC_1393,Melotte_82,NGC_2516,OCL_776,Theia_613

Collinder_172,ESO_124-6,FSR_1487,MWSC_1393,Melotte_82,NGC_2516,OCL_776,Theia_613

Collinder_349,IC_4665,MWSC_2689,Melotte_179,OCL_85,Theia_76

Collinder_31,MWSC_223,Melotte_17,NGC_1039,OCL_382,Theia_251

Collinder_152,Escorial_21,MWSC_1278,Melotte_68,NGC_2422,OCL_596,Theia_320

NGC_2353,Theia_2363

Theia_2000,Theia_2267,Theia_3397

ASCC_96,Ferrero_1,MWSC_2893,Slotegraaf_61

CWNU_1024

RSG_8

NGC_2353,Theia_2363

Collinder_54,MWSC_416,Melotte_26,NGC_1647,OCL_457,Theia_740

NGC_1027,Theia_2345

Collinder_69,FSR_0934,FSR_934,MWSC_585

UPK_40

UPK_136

UBC_116,UPK_45

Bull_of_Poniatowski,Collinder_359,MWSC_2773,Melotte_186,OCL_84

MWSC_3676,NGC_7429,OCL_249,RSG_7,RSG_8

Theia_167

Theia_401

Collinder_36,Harvard_1,MWSC_262,OCL_366,Theia_127,Trumpler_3

Dolidze_16

CWNU_394,CWNU_415,LISC_3420,Theia_2526,Theia_904

UBC_129

CWNU_1003,OC_0343,Theia_838

CWNU_2157

Collinder_57,FSR_822,MWSC_461,MWSC_462,Melotte_28,NGC_1746,NGC_1750,OCL_452,OCL_454,Theia_31

Theia_567,Theia_648

UPK_369

kind	cst	n_stars	cst_tidal	n_stars_tidal	ra	dec	l
o	9.3822582	62	9.4405283	37	247.8463060	9.2163816	24.7869607
m	20.9635474	196	21.2586399	194	255.9937271	-30.1779477	353.8852337
o	99.0000000	1129	27.8898661	510	114.1690869	-14.4926546	230.9772471
o	99.0000000	1721	99.0000000	1014	56.6797832	24.1084545	166.5249552
o	12.2602241	349	13.0699830	272	244.7726601	-24.4500587	351.8600779
o	18.3715556	164	18.3715556	164	336.4238630	57.1572502	104.1414915
o	22.2122002	226	22.2122002	226	264.3599536	-8.0156974	17.0390411
m	19.6737013	304	20.3499271	296	7.6984931	-62.5792616	307.0112663
o	11.8238912	135	13.2341545	102	18.5523909	62.7565267	125.5345942
o	22.4653830	295	23.2147454	288	332.9973825	53.9279063	100.7466656
o	20.7552012	236	20.7552012	236	112.6611554	-12.5396810	228.5561341
o	99.0000000	948	28.8837029	593	101.4951399	-20.7030497	230.9665509
o	99.0000000	948	28.8837029	593	101.4951399	-20.7030497	230.9665509
o	99.0000000	948	28.8837029	593	101.4951399	-20.7030497	230.9665509
o	10.6365796	76	10.6744799	73	286.5688926	-15.6078036	20.5474968
o	99.0000000	3784	37.0556537	1651	119.5214987	-60.7929045	273.8533579
o	99.0000000	3784	37.0556537	1651	119.5214987	-60.7929045	273.8533579
o	24.0540126	308	23.0258718	274	266.5324446	5.6347429	30.5227014
o	99.0000000	1095	99.0000000	589	40.5481756	42.7220782	143.6944550
m	13.5859368	144	13.5859368	144	22.9261731	43.7257909	130.5885395
o	99.0000000	1129	27.8898661	510	114.1690869	-14.4926546	230.9772471
o	24.5811273	288	24.7886119	286	108.6412106	-10.2497455	224.6777962
m	17.4790895	207	17.4790895	207	113.9402618	-25.5265870	240.5138232
o	18.2496814	172	19.1193801	165	275.0282136	-32.3505650	0.6492927
o	19.7755507	336	19.7755507	336	104.2855121	-27.3917911	238.2300799
o	15.8122869	151	15.8122869	151	345.4529604	59.5087945	109.4247666
o	24.5811273	288	24.7886119	286	108.6412106	-10.2497455	224.6777962
o	99.0000000	982	31.7319088	599	71.4879526	19.1625432	180.3024600
o	31.0717845	562	21.6449655	326	40.6519613	61.6229585	135.7400067
o	99.0000000	1247	31.7734410	753	83.8141763	9.8880550	195.1076859
o	4.1184260	34	4.5705417	25	292.5907989	-7.2011683	30.8763244
o	13.7878145	105	14.7295762	95	322.6094436	43.4169737	88.7877890
o	3.6177210	30	3.8175210	29	88.6209276	32.4715176	177.9390845
o	12.8267812	104	13.4503092	100	291.6995746	0.2262978	37.1911212
o	25.6826518	339	20.5776650	230	270.3177374	3.1926357	30.0363211
o	12.8662022	67	12.8662022	67	344.0898907	59.9116457	108.9693468
o	10.3954796	52	10.3954796	52	332.0223882	49.1921298	97.5097742
m	17.8204688	194	17.8204688	194	347.8092298	47.7811996	106.0359220
o	36.3135842	692	27.6177046	396	48.0052550	63.2074044	138.0197087
o	11.6444305	69	11.6699226	64	78.5931262	32.7697177	173.1045347
o	10.6546910	88	10.6546910	88	348.1075065	57.4846215	109.9091483
o	26.5010033	348	26.5010033	348	299.0345548	26.4452487	63.6073330
o	16.4825484	104	16.4825484	104	97.6316468	4.3572979	206.6649280
o	4.2448950	21	4.8122238	19	91.9161212	21.0247619	189.3468985
o	33.3651166	572	28.5453206	309	75.9672894	23.6744410	179.1583827
o	5.6258981	16	5.6258981	16	86.5777976	25.9646880	182.6177068
o	6.3321764	37	7.3646852	32	83.5047733	30.3514813	177.4609518

b	ang_radius_50	ang_radius_c	ang_radius_t	ang_radius_total	radius_50_pc
35.2456752	3.9882	6.6683	6.6683	17.6704	8.3405
6.8032712	8.9571	11.6898	27.6804	30.7093	21.9816
3.1453805	0.2535	0.2481	0.9430	3.1653	2.0718
-23.5703531	1.1456	0.9868	4.7101	14.7807	2.6963
18.1212738	1.2608	2.6966	3.2066	8.7124	3.4021
-0.2991499	2.3308	2.3627	8.4502	8.4502	9.7978
12.4769585	2.3166	1.4769	12.5283	12.5283	8.2678
-54.3851775	22.7174	53.9735	53.9735	72.9585	22.1249
-0.0000895	1.5328	3.1329	3.1329	11.7403	10.2494
-1.9299003	0.3156	0.2688	1.3096	1.7242	5.8770
2.8025780	0.7467	0.9621	2.3239	2.3239	6.9212
-10.4293929	0.2663	0.4210	0.7502	1.9821	3.3233
-10.4293929	0.2663	0.4210	0.7502	1.9821	3.3233
-10.4293929	0.2663	0.4210	0.7502	1.9821	3.3233
-10.2613602	1.5123	2.3662	4.2794	4.8869	6.5385
-15.8720507	0.4457	0.3686	1.8961	6.9496	3.1665
-15.8720507	0.4457	0.3686	1.8961	6.9496	3.1665
17.0829268	0.5105	0.3377	2.6636	3.9543	3.0594
-15.6404790	0.3039	0.2414	1.3390	3.1075	2.5976
-18.5465081	2.4166	2.5200	8.5869	8.5869	21.1698
3.1453805	0.2535	0.2481	0.9430	3.1653	2.0718
0.4061404	0.1215	0.1002	0.5183	0.7706	2.4157
-2.4154242	1.1681	1.4040	3.7844	3.7844	21.1523
-8.1376332	0.1716	0.1525	0.6878	1.4746	2.5507
-10.9598052	1.9341	1.4821	8.7955	8.7955	13.3358
-0.4570151	0.7460	0.8080	2.5825	2.5825	6.2684
0.4061404	0.1215	0.1002	0.5183	0.7706	2.4157
-16.7362654	0.3612	0.3465	1.3640	4.9490	3.6371
1.5472322	0.1521	0.1699	0.5160	1.2576	2.8841
-11.9934393	0.9642	1.1301	3.1722	4.1830	6.6275
-11.9117957	0.4261	0.8164	0.8164	1.8843	4.7482
-5.7376472	0.6507	1.4081	1.4081	2.9222	7.2869
3.4473291	0.6186	0.3604	3.6618	4.0472	5.4439
-7.7568273	0.2418	0.1847	1.1028	1.6266	3.6503
12.6125411	0.7444	0.5471	3.5158	3.8351	7.0274
0.1968202	0.4952	0.6685	1.5029	1.5029	3.6078
-5.4460052	2.8718	6.2546	7.2694	7.2694	16.9943
-11.7763341	1.8265	2.0360	6.2039	6.2039	21.1881
4.5308643	0.2632	0.1810	1.3230	5.5537	3.0410
-3.4827583	0.0892	0.0638	0.4328	0.5876	1.8911
-2.8622082	0.3979	0.4315	1.3760	1.3760	7.3951
-1.0838166	0.3076	0.3185	1.0986	1.0986	6.0543
-2.6488257	0.3937	0.3026	1.7856	1.7856	4.4146
0.3373605	0.2002	0.4834	0.4945	0.5796	5.9004
-10.6949330	0.3262	0.3347	1.1727	6.9435	3.9958
-1.4150136	0.5399	0.5324	1.9969	1.9969	5.3053
-1.3820830	0.2786	0.6568	0.6568	1.1746	3.5127

radius_c_pc	radius_t_pc	radius_total_pc	pmra	pmra_std	pmra_error	pmdec	pmdec_std
13.9861	13.9861	38.1104	-6.5285	1.9412	0.3191	14.3571	4.1245
28.8554	73.1584	82.8372	-9.6166	3.5346	0.2538	-46.3032	4.2280
2.0275	7.7074	25.8963	-7.0690	0.2414	0.0107	1.0423	0.2220
2.3225	11.1098	35.5780	19.9552	0.9963	0.0313	-45.4567	1.1401
7.2805	8.6602	23.6883	-10.6786	0.8166	0.0495	-21.7020	1.0924
9.9318	35.7608	35.7608	16.5064	1.3626	0.1064	4.6672	0.7760
5.2695	45.4156	45.4156	-10.0689	1.9085	0.1270	-19.4998	2.3021
72.6658	72.6658	172.4057	53.8103	48.4372	2.8154	-21.9214	38.4404
20.9646	20.9646	79.6014	7.7313	0.4103	0.0406	-3.6979	0.6180
5.0065	24.3928	32.1196	-1.7892	0.1270	0.0075	-2.3402	0.1348
8.9182	21.5504	21.5504	-5.7672	0.2578	0.0168	-1.0222	0.3443
5.2539	9.3636	24.7463	-4.3687	0.1500	0.0062	-1.3620	0.1598
5.2539	9.3636	24.7463	-4.3687	0.1500	0.0062	-1.3620	0.1598
5.2539	9.3636	24.7463	-4.3687	0.1500	0.0062	-1.3620	0.1598
10.2340	18.5326	21.1753	0.6683	0.6075	0.0711	-11.2456	0.6932
2.6187	13.4768	49.6209	-4.6336	0.4178	0.0103	11.2257	0.3575
2.6187	13.4768	49.6209	-4.6336	0.4178	0.0103	11.2257	0.3575
2.0236	15.9730	23.7336	-0.8809	0.3031	0.0183	-8.5324	0.3084
2.0630	11.4474	26.5869	0.6521	0.2253	0.0093	-5.7909	0.2389
22.0767	75.7455	75.7455	4.4935	0.5347	0.0446	-4.9240	0.5515
2.0275	7.7074	25.8963	-7.0690	0.2414	0.0107	1.0423	0.2220
1.9912	10.3051	15.3225	-1.0954	0.1218	0.0072	0.7747	0.1192
25.4258	68.6167	68.6167	-4.8873	0.2099	0.0146	4.0113	0.1399
2.2671	10.2241	21.9235	0.1556	0.2189	0.0170	-4.8614	0.2609
10.2173	61.1025	61.1025	-5.5454	0.6245	0.0341	6.0176	0.2570
6.7896	21.7143	21.7143	5.6637	0.2877	0.0234	-1.7157	0.1938
1.9912	10.3051	15.3225	-1.0954	0.1218	0.0072	0.7747	0.1192
3.4885	13.7365	49.9530	-1.0915	0.2148	0.0088	-1.5311	0.2104
3.2206	9.7843	23.8479	-1.7889	0.1231	0.0068	2.0399	0.1307
7.7679	21.8235	28.7997	1.2149	0.5343	0.0195	-2.0466	0.4611
9.0974	9.0974	21.0024	0.3362	0.2344	0.0469	-9.2352	0.3175
15.7724	15.7724	32.7531	-0.0010	0.1802	0.0185	-0.6663	0.1674
3.1721	32.2693	35.6762	-1.9300	0.2316	0.0430	-1.8045	0.2482
2.7882	16.6498	24.5607	-0.5791	0.1492	0.0149	-2.1696	0.1817
5.1648	33.2289	36.2547	0.6057	0.1577	0.0104	-8.8183	0.2069
4.8706	10.9521	10.9521	4.7706	0.2018	0.0246	-2.2445	0.1767
37.1297	43.2140	43.2140	4.8128	0.5794	0.0803	0.2609	0.3210
23.6195	72.2242	72.2242	-0.7810	0.2207	0.0158	-3.5213	0.2035
2.0911	15.2891	64.3683	-3.3940	0.1870	0.0094	-0.1511	0.1657
1.3513	9.1721	12.4543	-0.1079	0.1541	0.0193	-2.6962	0.1775
8.0208	25.5809	25.5809	0.2092	0.1473	0.0157	-1.3478	0.0994
6.2683	21.6248	21.6248	-0.9837	0.1055	0.0057	-4.3690	0.1246
3.3932	20.0264	20.0264	-1.7586	0.1590	0.0156	-4.7142	0.1563
14.2511	14.5775	17.0862	1.4472	0.0869	0.0199	-2.4180	0.1245
4.0993	14.3650	85.4601	-0.9948	0.1483	0.0084	-2.4113	0.1333
5.2320	19.6294	19.6294	1.0986	0.1842	0.0461	-3.1527	0.1399
8.2817	8.2817	14.8129	0.1003	0.1706	0.0302	-2.9152	0.1774

pmdec_error	parallax	parallax_std	parallax_error	distance_16	distance_50	distance_84
0.6781	8.7189	0.7584	0.1247	119.57	119.63	119.69
0.3036	7.0812	0.5041	0.0362	139.41	139.46	139.51
0.0098	2.1001	0.0482	0.0021	468.02	468.27	468.52
0.0358	7.3783	0.1739	0.0055	134.82	134.84	134.86
0.0662	6.3614	0.2432	0.0147	154.53	154.58	154.63
0.0606	4.1135	0.1151	0.0090	240.59	240.71	240.84
0.1531	4.8789	0.3883	0.0258	204.28	204.38	204.48
2.2343	19.3207	4.5212	0.2628	52.84	52.85	52.86
0.0612	2.6004	0.0768	0.0076	382.73	383.02	383.32
0.0079	0.9151	0.0428	0.0025	1065.70	1067.02	1068.35
0.0224	1.8248	0.1367	0.0089	530.47	531.04	531.60
0.0066	1.3627	0.0486	0.0020	714.57	715.06	715.55
0.0066	1.3627	0.0486	0.0020	714.57	715.06	715.55
0.0066	1.3627	0.0486	0.0020	714.57	715.06	715.55
0.0811	4.0222	0.1589	0.0186	247.44	247.66	247.89
0.0088	2.4272	0.0605	0.0015	407.00	407.09	407.18
0.0088	2.4272	0.0605	0.0015	407.00	407.09	407.18
0.0186	2.8669	0.1369	0.0083	343.11	343.35	343.58
0.0098	2.0035	0.0666	0.0027	489.38	489.73	490.08
0.0460	1.9522	0.0831	0.0069	500.91	501.62	502.33
0.0098	2.1001	0.0482	0.0021	468.02	468.27	468.52
0.0070	0.8292	0.0547	0.0032	1136.98	1139.12	1141.27
0.0097	0.9295	0.0567	0.0039	1035.68	1037.35	1039.04
0.0203	1.1306	0.0510	0.0040	849.88	851.63	853.38
0.0140	2.4955	0.0874	0.0048	394.67	394.91	395.14
0.0158	2.0570	0.0668	0.0054	480.91	481.42	481.94
0.0070	0.8292	0.0547	0.0032	1136.98	1139.12	1141.27
0.0086	1.6973	0.0611	0.0025	576.48	576.88	577.28
0.0072	0.8875	0.0370	0.0020	1084.78	1086.35	1087.93
0.0168	2.5039	0.0704	0.0026	393.56	393.78	393.99
0.0635	1.5394	0.0604	0.0121	636.52	638.40	640.28
0.0172	1.5636	0.0936	0.0096	640.80	641.63	642.47
0.0461	1.9513	0.0665	0.0124	502.86	504.23	505.60
0.0182	1.1039	0.0662	0.0066	862.95	864.90	866.85
0.0136	1.8123	0.0544	0.0036	540.24	540.83	541.43
0.0216	2.3712	0.0331	0.0040	417.03	417.43	417.84
0.0445	2.9315	0.0687	0.0095	338.42	338.77	339.13
0.0146	1.4729	0.0853	0.0061	663.67	664.41	665.16
0.0083	1.4908	0.0761	0.0038	661.36	661.99	662.62
0.0222	0.7954	0.0548	0.0069	1208.84	1214.27	1219.76
0.0106	0.9051	0.0344	0.0037	1062.35	1064.96	1067.58
0.0067	0.8597	0.0558	0.0030	1126.05	1127.65	1129.25
0.0153	1.5237	0.0624	0.0061	641.21	642.38	643.55
0.0286	0.5494	0.0224	0.0051	1666.62	1688.96	1711.91
0.0076	1.3868	0.0533	0.0030	700.99	701.74	702.49
0.0350	1.7245	0.0308	0.0077	560.04	563.00	565.98
0.0314	1.3232	0.0659	0.0117	720.05	722.45	724.85

n_stars_used_for_distance	global_parallax_correction_only	x	y	z
53	NEPRAVDA	-8033.10	40.96	89.61
158	NEPRAVDA	-7984.24	-14.75	36.97
457	NEPRAVDA	-8416.30	-363.25	47.25
907	NEPRAVDA	-8242.30	28.80	-32.81
303	NEPRAVDA	-7976.42	-20.80	68.51
132	NEPRAVDA	-8180.79	233.41	19.69
157	NEPRAVDA	-7931.07	58.47	64.47
263	NEPRAVDA	-8103.56	-24.57	-22.21
117	NEPRAVDA	-8344.58	311.69	21.37
292	NEPRAVDA	-8320.92	1047.71	-14.62
205	NEPRAVDA	-8472.97	-397.59	47.66
585	NEPRAVDA	-8565.19	-546.26	-107.51
585	NEPRAVDA	-8565.19	-546.26	-107.51
585	NEPRAVDA	-8565.19	-546.26	-107.51
64	NEPRAVDA	-7893.89	85.54	-23.90
1362	NEPRAVDA	-8095.94	-390.68	-90.60
1362	NEPRAVDA	-8095.94	-390.68	-90.60
192	NEPRAVDA	-7839.00	166.68	120.94
547	NEPRAVDA	-8502.36	279.23	-110.26
116	NEPRAVDA	-8431.79	361.15	-137.96
457	NEPRAVDA	-8416.30	-363.25	47.25
286	NEPRAVDA	-8931.93	-800.92	30.95
195	NEPRAVDA	-8632.23	-902.19	-21.61
169	NEPRAVDA	-7279.28	9.55	-101.91
279	NEPRAVDA	-8326.29	-329.61	-53.76
124	NEPRAVDA	-8282.08	454.01	17.37
286	NEPRAVDA	-8931.93	-800.92	30.95
570	NEPRAVDA	-8674.83	-2.92	-143.91
326	NEPRAVDA	-8899.64	757.91	52.12
688	NEPRAVDA	-8494.05	-100.39	-60.07
28	NEPRAVDA	-7586.19	320.56	-112.34
97	NEPRAVDA	-8108.63	638.27	-43.38
28	NEPRAVDA	-8624.88	18.10	52.41
99	NEPRAVDA	-7439.58	518.03	-97.68
185	NEPRAVDA	-7664.77	264.18	137.73
60	NEPRAVDA	-8257.66	394.76	22.58
43	NEPRAVDA	-8166.13	334.35	-11.24
185	NEPRAVDA	-8301.99	625.12	-114.34
318	NEPRAVDA	-8612.41	441.41	74.35
66	NEPRAVDA	-9325.42	145.52	-49.88
84	NEPRAVDA	-8484.30	1000.06	-31.45
341	NEPRAVDA	-7620.86	1009.93	-1.81
93	NEPRAVDA	-8695.49	-287.97	-7.42
21	NEPRAVDA	-9788.45	-274.30	35.01
302	NEPRAVDA	-8811.78	10.13	-107.66
16	NEPRAVDA	-8684.24	-25.70	8.34
36	NEPRAVDA	-8843.54	32.00	5.22

radial_velocity	radial_velocity_std	radial_velocity_error	radial_velocity_n_stars	class_2.5
-26.59	16.68	3.83	19	0.9684
-0.29	14.44	1.68	74	0.9033
34.31	9.40	0.67	197	0.9717
5.34	21.89	1.10	398	0.9412
-6.46	16.87	1.78	90	0.3998
-15.48	9.01	1.34	45	0.9605
-16.53	14.26	1.70	70	0.3121
6.94	11.24	0.89	159	0.0027
-3.62	4.84	0.78	38	0.1037
-24.84	11.45	1.23	86	0.9847
15.41	10.32	1.21	73	0.8935
22.95	5.10	0.32	256	0.9905
22.95	5.10	0.32	256	0.9905
22.95	5.10	0.32	256	0.9905
-25.72	15.41	3.02	26	0.7769
23.07	7.20	0.32	513	0.8690
23.07	7.20	0.32	513	0.8690
-17.29	20.15	2.46	67	0.9216
-7.08	10.62	0.70	228	0.9730
-6.99	12.44	1.78	49	0.8055
34.31	9.40	0.67	197	0.9717
17.63	21.03	2.59	66	0.9870
27.68	26.83	3.79	50	0.9784
5.82	77.95	10.92	51	0.7282
21.59	12.65	1.36	86	0.9047
-9.66	11.25	1.99	32	0.9676
17.63	21.03	2.59	66	0.9870
-7.68	11.65	0.77	231	0.9941
-43.83	34.19	7.46	21	0.9961
20.87	27.90	2.01	192	0.5051
-0.66	17.60	8.80	4	0.7756
-5.35	10.27	1.79	33	0.3874
-14.14	5.19	1.57	11	0.9704
1.29	12.81	2.38	29	0.9687
-9.43	39.32	4.88	65	0.9702
-12.04	5.74	1.05	30	0.9908
-3.02	15.12	3.38	20	0.7489
-7.64	8.19	0.95	74	0.9525
-22.03	11.70	1.17	100	0.9903
-14.04	33.18	12.54	7	0.2059
-27.35	8.80	3.11	8	0.9831
-13.24	15.94	3.19	25	0.9520
11.01	7.14	1.12	41	0.9576
			0	0.9641
-12.93	17.94	1.65	118	0.9989
-4.66	3.33	1.49	5	0.9281
-25.50	36.57	10.56	12	0.9273

class_16	class_50	class_84	class_97.5	human_class	log_age_16	log_age_50	log_age_84	a_v_16
0.9951	0.9980	1.0000	1.0000		7.810	8.074	8.423	0.000
0.9858	0.9928	1.0000	1.0000		7.725	7.968	8.314	0.000
0.9950	0.9977	1.0000	1.0000		7.800	8.036	8.292	0.018
0.9911	0.9957	1.0000	1.0000		7.744	8.085	8.294	0.000
0.7823	0.8723	0.9921	0.9970		6.717	6.990	7.175	0.299
0.9916	0.9957	1.0000	1.0000		7.593	7.828	8.134	0.000
0.7623	0.8785	0.9948	0.9989		7.731	7.994	8.250	0.517
0.0173	0.3833	0.5647	0.8787		7.207	7.497	7.756	0.026
0.4745	0.6901	0.9925	0.9925		7.617	7.905	8.124	0.354
0.9966	0.9981	1.0000	1.0000		8.269	8.452	8.652	0.506
0.9822	0.9898	0.9999	0.9999		7.852	8.119	8.399	0.001
0.9987	0.9995	1.0000	1.0000		7.986	8.189	8.454	0.000
0.9987	0.9995	1.0000	1.0000		7.986	8.189	8.454	0.000
0.9987	0.9995	1.0000	1.0000		7.986	8.189	8.454	0.000
0.9625	0.9835	1.0000	1.0000		7.847	8.153	8.384	0.053
0.9778	0.9894	1.0000	1.0000		7.863	8.098	8.402	0.028
0.9778	0.9894	1.0000	1.0000		7.863	8.098	8.402	0.028
0.9793	0.9869	0.9988	0.9996		7.263	7.515	7.723	0.336
0.9953	0.9979	1.0000	1.0000		7.855	8.087	8.367	0.012
0.9710	0.9854	0.9999	0.9999		7.793	8.069	8.308	0.005
0.9950	0.9977	1.0000	1.0000		7.800	8.036	8.292	0.018
0.9974	0.9987	1.0000	1.0000		7.905	8.163	8.365	0.049
0.9969	0.9985	1.0000	1.0000		7.553	7.781	8.025	0.000
0.9493	0.9718	0.9990	0.9997		7.974	8.197	8.429	0.158
0.9753	0.9869	0.9997	0.9999		7.214	7.511	7.782	0.000
0.9912	0.9950	0.9999	0.9999		6.908	7.133	7.349	0.231
0.9974	0.9987	1.0000	1.0000		7.905	8.163	8.365	0.049
0.9988	0.9993	1.0000	1.0000		7.876	8.069	8.319	1.163
0.9992	0.9996	1.0000	1.0000		7.876	8.056	8.294	1.053
0.7971	0.8731	0.9907	0.9971		6.532	6.719	6.847	0.196
0.9430	0.9709	0.9994	0.9998		8.007	8.220	8.425	0.911
0.8751	0.9360	0.9996	0.9996		7.918	8.133	8.382	0.071
0.9921	0.9961	0.9999	1.0000		8.003	8.261	8.535	0.048
0.9941	0.9970	1.0000	1.0000		7.731	7.943	8.149	0.565
0.9929	0.9961	0.9999	0.9999		6.950	7.155	7.375	0.234
0.9984	0.9992	1.0000	1.0000		7.664	7.893	8.136	0.258
0.9678	0.9851	1.0000	1.0000		7.479	7.710	7.951	0.000
0.9917	0.9958	1.0000	1.0000		8.001	8.193	8.460	0.138
0.9977	0.9988	1.0000	1.0000		7.331	7.582	7.773	0.571
0.6095	0.7592	0.9632	0.9741		7.094	7.385	7.608	0.926
0.9947	0.9967	0.9999	1.0000		8.028	8.221	8.390	1.487
0.9810	0.9872	0.9985	0.9989		7.548	7.750	7.934	1.621
0.9910	0.9953	0.9999	1.0000		7.247	7.488	7.741	0.017
0.9974	0.9993	1.0000	1.0000		7.552	7.796	8.066	0.774
0.9998	0.9999	1.0000	1.0000		7.953	8.172	8.364	0.832
0.9820	0.9898	1.0000	1.0000		7.817	8.115	8.355	0.281
0.9828	0.9912	0.9999	1.0000		7.936	8.132	8.357	1.165

a_v_50	a_v_84	differential_a_v_16	differential_a_v_50	differential_a_v_84
0.040	0.090	0.000	0.284	0.468
0.117	0.195	0.246	0.846	1.180
0.159	0.231	0.137	0.598	0.892
0.102	0.166	0.121	0.634	0.961
0.551	0.746	0.486	1.085	1.622
0.072	0.135	0.003	0.429	0.641
0.746	0.946	1.283	1.768	2.204
0.231	0.352	0.426	1.061	1.538
0.549	0.734	0.668	1.150	1.571
0.690	0.826	0.179	0.514	0.761
0.128	0.200	0.356	0.790	1.212
0.086	0.132	0.045	0.450	0.652
0.086	0.132	0.045	0.450	0.652
0.086	0.132	0.045	0.450	0.652
0.193	0.302	0.066	0.549	0.810
0.205	0.298	0.380	0.867	1.228
0.205	0.298	0.380	0.867	1.228
0.559	0.736	0.402	0.978	1.317
0.143	0.225	0.265	0.777	1.085
0.125	0.185	0.128	0.610	0.866
0.159	0.231	0.137	0.598	0.892
0.174	0.248	0.361	0.833	1.140
0.089	0.142	0.511	0.920	1.284
0.347	0.456	0.441	0.903	1.204
0.173	0.257	0.124	0.732	1.029
0.420	0.591	0.111	0.625	0.911
0.174	0.248	0.361	0.833	1.140
1.349	1.555	1.165	1.582	1.950
1.235	1.393	0.405	0.852	1.130
0.416	0.552	1.157	1.753	2.200
1.083	1.294	0.023	0.382	0.579
0.204	0.313	0.154	0.592	0.865
0.221	0.326	0.045	0.495	0.708
0.755	0.904	0.183	0.572	0.872
0.409	0.562	0.166	0.666	0.960
0.448	0.626	0.011	0.396	0.597
0.070	0.121	0.008	0.371	0.544
0.300	0.411	0.236	0.684	0.998
0.786	0.925	0.346	0.850	1.158
1.196	1.380	1.847	2.157	2.657
1.688	1.843	1.825	2.112	2.503
1.796	1.970	1.889	2.211	2.543
0.148	0.230	0.120	0.575	0.825
0.983	1.207	0.077	0.545	0.793
1.048	1.197	0.307	0.678	0.997
0.511	0.709	0.002	0.345	0.536
1.385	1.547	0.403	0.870	1.197

distance_modulus_16	distance_modulus_50	distance_modulus_84	min_cluster_size
5.226	5.355	5.488	20
5.519	5.672	5.810	40
8.111	8.273	8.430	20
5.429	5.590	5.715	20
5.742	5.905	6.029	20
6.742	6.928	7.080	80
6.439	6.581	6.729	40
3.405	3.542	3.629	80
7.687	7.848	8.017	20
9.932	10.116	10.239	80
8.365	8.561	8.710	20
9.025	9.210	9.373	80
9.025	9.210	9.373	80
9.025	9.210	9.373	80
6.779	6.957	7.087	20
7.823	7.974	8.132	20
7.823	7.974	8.132	20
7.452	7.634	7.776	80
8.245	8.390	8.595	20
8.297	8.434	8.625	20
8.111	8.273	8.430	20
10.050	10.260	10.388	80
9.923	10.105	10.272	20
9.422	9.598	9.762	80
7.815	7.980	8.153	-1
8.207	8.382	8.542	40
10.050	10.260	10.388	80
8.569	8.736	8.865	80
10.012	10.149	10.298	10
7.775	7.918	8.082	40
8.825	8.980	9.121	20
8.775	8.964	9.119	80
8.272	8.440	8.595	20
9.438	9.637	9.768	80
8.440	8.610	8.763	10
7.839	8.015	8.163	40
7.416	7.585	7.735	40
8.907	9.060	9.221	-1
8.888	9.052	9.196	80
10.245	10.397	10.577	40
9.962	10.086	10.231	20
10.087	10.215	10.350	80
8.819	9.005	9.178	80
10.981	11.133	11.302	20
8.999	9.156	9.289	20
8.550	8.691	8.891	10
9.084	9.241	9.382	20

is_merged_cluster	is_gmm_membership_list	n_unique_strong_crossmatches	crossmatch_type
NEPRAVDA	NEPRAVDA		0
NEPRAVDA	NEPRAVDA		1 1:1
NEPRAVDA	NEPRAVDA		2 m:m
NEPRAVDA	NEPRAVDA		2 m:m
NEPRAVDA	NEPRAVDA		0
NEPRAVDA	NEPRAVDA		3 m:m
NEPRAVDA	NEPRAVDA		1 1:1
NEPRAVDA	NEPRAVDA		1 1:1
NEPRAVDA	NEPRAVDA		2 1:m
NEPRAVDA	NEPRAVDA		7 m:m
NEPRAVDA	NEPRAVDA		1 1:1
NEPRAVDA	NEPRAVDA		2 1:m
NEPRAVDA	NEPRAVDA		2 1:m
NEPRAVDA	NEPRAVDA		2 1:m
NEPRAVDA	NEPRAVDA		2 1:m
NEPRAVDA	NEPRAVDA		2 m:m
NEPRAVDA	NEPRAVDA		2 m:m
NEPRAVDA	NEPRAVDA		2 1:m
NEPRAVDA	NEPRAVDA		2 1:m
NEPRAVDA	NEPRAVDA		0
NEPRAVDA	NEPRAVDA		2 m:m
NEPRAVDA	NEPRAVDA		2 1:m
NEPRAVDA	NEPRAVDA		3 m:m
NEPRAVDA	NEPRAVDA		2 1:m
PRAVDA	NEPRAVDA		1 1:1
NEPRAVDA	NEPRAVDA		1 m:m
NEPRAVDA	NEPRAVDA		2 1:m
NEPRAVDA	NEPRAVDA		2 1:m
NEPRAVDA	NEPRAVDA		2 m:m
NEPRAVDA	NEPRAVDA		2 1:m
NEPRAVDA	NEPRAVDA		1 1:1
NEPRAVDA	NEPRAVDA		1 1:1
NEPRAVDA	NEPRAVDA		1 m:m
NEPRAVDA	NEPRAVDA		2 1:m
NEPRAVDA	NEPRAVDA		1 m:1
NEPRAVDA	NEPRAVDA		3 m:m
NEPRAVDA	NEPRAVDA		1 1:1
PRAVDA	NEPRAVDA		1 1:1
NEPRAVDA	NEPRAVDA		2 m:m
NEPRAVDA	NEPRAVDA		1 1:1
NEPRAVDA	NEPRAVDA		5 1:m
NEPRAVDA	NEPRAVDA		1 1:1
NEPRAVDA	NEPRAVDA		3 m:m
NEPRAVDA	NEPRAVDA		1 1:1
NEPRAVDA	NEPRAVDA		4 m:m
NEPRAVDA	NEPRAVDA		2 m:m
NEPRAVDA	NEPRAVDA		1 1:1

Gaia EDR3	Gaia DR3	ID Gaia DR2	name_1
3369777468670711936		Gaia DR2 3369777468670711936	L584
3125174713177867136		Gaia DR2 3125174713177867136	L567
183633804939546368		Gaia DR2 183633804939546368	L314
3130319675980404992		Gaia DR2 3130319675980404992	L611
2204409870400823936		Gaia DR2 2204409870400823936	R7690
5940861543408003200		Gaia DR2 5940861543408003200	R5683
2203434019472097664		Gaia DR2 2203434019472097664	R7630
3046026785270786304		Gaia DR2 3046026785270786304	R2426
5943020022195591552		Gaia DR2 5943020022195591552	R5663
4065975277785683840		Gaia DR2 4065975277785683840	R6205
5615379404040602240		Gaia DR2 5615379404040602240	R2658
5239823134370969088		Gaia DR2 5239823134370969088	R3902
5943020743750226048		Gaia DR2 5943020743750226048	R5661
3326717260430731648		Gaia DR2 3326717260430731648	R2175
3216485103712446464		Gaia DR2 3216485103712446464	R1483
6236109243250504576		Gaia DR2 6236109243250504576	R5465
3234302311683109120		Gaia DR2 3234302311683109120	R1194
4474066504530306688		Gaia DR2 4474066504530306688	R6065
4040810720855068288		Gaia DR2 4040810720855068288	R6105
5318543425255007872		Gaia DR2 5318543425255007872	R3184
2024062956715014016		Gaia DR2 2024062956715014016	R6694
4474057437857436032		Gaia DR2 4474057437857436032	R6082
2204369910027981056		Gaia DR2 2204369910027981056	R7653
2090687795056051328		Gaia DR2 2090687795056051328	R6487
2142523441811425280		Gaia DR2 2142523441811425280	R6731
219692151335240576		Gaia DR2 219692151335240576	R770
2008712606139262592		Gaia DR2 2008712606139262592	R7987
3017188622495555328		Gaia DR2 3017188622495555328	R1398
3217760910861041536		Gaia DR2 3217760910861041536	R1448
5966509778099205376		Gaia DR2 5966509778099205376	R5770
337165932149250176		Gaia DR2 337165932149250176	R499
1963619091659440000		Gaia DR2 1963619091659440000	R7513

SpecType

☐\textit{B5 Vp HeB9}*☐

☐B5 \textit{V HeB9}*☐

☐B5 V bl4130 (He-wk) (He-st)☐

☐B9 III-IV Si (He-wk) ☐

B0 He

B1

B1 He

B2

B2

B2 He

B3 He

B3 He

B5 He

B6 He var.

B6 He wk.

B6 He wk.

B6 He wk.

B6 He wk. C

B7 He wk.

B7 He wk.

B7 He wk.

B7 He wk. C

B7 He wk?

B8 He

B8 He wk.

B8 He wk.

B8 He wk.

B9 He wk.

B9 He wk.

B9 He wk.

B9 He wk.

B9 He wk.

CP	Flag_Delta a	Source
CP4	*	
CP4	*	
CP4	*	
CP4	none	
CP4		2009MNRAS.394.1338B
CP4		
CP4		1998A&AS..128..265M
CP4		2009MNRAS.394.1338B
CP4		
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CP4	*	
CP4	*	
CP4	*	

comment	RA_ICRS	DE_ICRS	Plx	e_Plx	pmRA	e_pmRA	pmDE
	96.7852259	17.7342687	0.1742	0.0220	-0.020	0.026	-0.569
	95.9522158	3.7010421	1.4283	0.0193	-0.635	0.020	-1.815
	80.0688685	35.2171741	0.9500	0.0232	-0.624	0.029	-3.720
	98.0768690	3.3628740	1.5412	0.0311	-1.804	0.033	-4.567
	330.1635899	62.4877849	1.0386	0.0284	-1.450	0.034	-2.382
B	250.1412487	-48.8878343	0.8445	0.0166	1.017	0.018	-4.076
	326.9157737	59.7003634	1.1773	0.0170	-1.882	0.020	-2.535
Delta p	105.9767491	-11.4748228	0.9036	0.0254	-4.707	0.025	1.638
B	248.9506609	-45.6787740	1.1183	0.0344	0.647	0.036	-3.068
	271.1064871	-24.3458039	0.8060	0.0268	1.282	0.028	-2.111
	113.2588817	-23.9342449	0.9548	0.0455	-4.876	0.027	4.179
	160.5586466	-64.4663746	6.7516	0.0843	-17.821	0.109	11.580
	248.9393839	-45.6212405	1.0696	0.0345	0.371	0.035	-3.288
	100.2148105	9.8637002	1.3310	0.0365	-1.504	0.041	-3.747
	84.7562258	-2.6489931	2.5128	0.0475	1.317	0.046	-0.693
	239.6452164	-24.8315986	7.0050	0.0908	-12.451	0.100	-24.582
	80.9598351	2.0821744	2.7890	0.0569	1.214	0.048	0.186
	266.3902198	5.7156538	2.9383	0.0278	-0.680	0.027	-8.701
	268.0569400	-34.7992229	3.6062	0.0644	3.304	0.059	-5.813
	130.0725880	-53.0152934	6.4949	0.0534	-24.733	0.073	23.397
	290.7120277	26.2623620	8.9071	0.1685	0.922	0.124	-10.270
	266.7590458	5.6917964	2.9435	0.0358	-0.789	0.034	-8.243
	328.3740421	62.5979354	1.0943	0.0135	-3.415	0.018	-1.410
	282.5199907	33.3626504	3.5982	0.1836	2.045	0.180	-3.685
	291.4448355	58.0273414	3.1005	0.0454	-1.994	0.049	4.560
	58.3854403	35.0599786	2.5147	0.0308	2.923	0.033	-4.311
	345.6830429	55.2363964	4.9004	0.0613	17.999	0.060	3.107
	83.7046831	-6.0063676	2.6648	0.0347	1.205	0.032	0.508
	84.2390462	-0.7019322	2.6106	0.0443	-0.910	0.039	-0.537
	253.5381176	-41.8368736	0.5775	0.0156	-0.682	0.018	-2.074
	40.4935079	42.7918190	2.0568	0.0397	0.508	0.040	-5.961
	321.0577101	36.4279638	1.4742	0.0243	1.496	0.021	-2.455

e_pmDE	2MASS	J	e_j	H	e_H	K	e_K	Qf	Rf	Bf	Xf	Af
0.020	06270845+1744033	13.739	0.027	13.624	0.029	13.522	0.035	AAA	222	111	0	0
0.019	06234853+0342037	8.952	0.024	8.804	0.023	8.761	0.018	AAA	122	111	0	0
0.020	05201652+3513017	10.432	0.023	10.427	0.023	10.320	0.020	EEE	222	111	0	0
0.025	06321845+0321463	9.710	0.024	9.737	0.022	9.761	0.025	AAA	222	111	0	0
0.034	22003925+6229161	6.544	0.026	6.622	0.027	6.616	0.017	AAA	111	111	0	0
0.012	16403389-4853161	9.617	0.026	9.493	0.028	9.466	0.027	AAA	222	111	0	0
0.019	21473980+5942014	6.761	0.041	6.756	0.024	6.760	0.015	AAA	111	111	0	0
0.024	07035442-1128294	9.373	0.030	9.357	0.022	9.357	0.023	AAA	122	111	0	0
0.025	16354815-4540434	8.260	0.026	8.259	0.047	8.282	0.027	AAA	111	111	0	0
0.019	18042555-2420449	9.794	0.024	9.732	0.025	9.706	0.021	AAA	222	111	0	0
0.047	07330213-2356033	8.139	0.021	8.222	0.031	8.264	0.020	AAA	111	111	0	0
0.092	10421410-6427590	5.070	0.021	5.146	0.031	5.133	0.018	AAA	111	111	0	0
0.025	16354545-4537163	8.483	0.029	8.506	0.042	8.546	0.023	AAA	112	111	0	0
0.030	06405155+0951494	9.376	0.024	9.470	0.024	9.429	0.024	AAA	222	111	0	0
0.043	05390149-0238564	8.131	0.030	8.105	0.042	8.093	0.020	AAA	111	111	0	0
0.061	15583487-2449531	5.585	0.018	5.672	0.036	5.649	0.026	AAA	111	111	0	0
0.040	05235036+0204557	8.124	0.030	8.174	0.061	8.272	0.021	AAA	111	111	0	0
0.024	17453365+0542564	7.502	0.023	7.561	0.040	7.576	0.016	AAA	111	111	0	0
0.041	17521366-3447570	6.088	0.018	6.144	0.024	6.151	0.024	AAA	111	111	0	0
0.066	08401745-5300554	5.823	0.023	5.925	0.055	5.894	0.026	AAA	111	111	0	0
0.163	19225088+2615447	5.404	0.018	5.480	0.020	5.485	0.023	AAA	111	111	0	0
0.029	17470216+0541305	7.801	0.030	7.873	0.023	7.866	0.024	AAA	111	111	0	0
0.014	21532978+6235525	9.444	0.022	9.450	0.038	9.459	0.023	AAA	212	111	0	0
0.206	18500479+3321455	3.367	0.272	3.351	0.262	3.192	0.362	DDD	333	111	0	0
0.041	19254678+5801382	6.881	0.030	6.987	0.053	6.969	0.023	AAA	111	111	0	0
0.026	03533250+3503361	8.537	0.020	8.543	0.017	8.475	0.017	AAA	112	111	0	0
0.055	23024391+5514109	6.541	0.020	6.624	0.017	6.635	0.016	AAA	111	111	0	0
0.028	05344911-0600228	8.551	0.020	8.605	0.026	8.632	0.019	AAA	112	111	0	0
0.034	05365737-0042069	8.305	0.024	8.387	0.038	8.382	0.019	AAA	112	111	0	0
0.016	16540914-4150127	12.040	0.000	11.925	0.034	11.835	0.030	UAA	622	21	0c0	0
0.037	02415843+4247306	8.439	0.027	8.480	0.027	8.489	0.020	AAA	112	111	0	0
0.023	21241384+3625407	8.839	0.034	8.921	0.032	8.911	0.025	AAA	122	111	0	0

source_id_combined	name_2	id	source_id	within_r_t	probability
3369777468670711936	HSC_1540	3031	3369777468670711936	PRAVDA	1.000
3125174713177867136	Theia_558	5610	3125174713177867136	PRAVDA	1.000
183633804939546368	ASCC_14	9	183633804939546368	PRAVDA	1.000
3130319675980404992	OC_0343	4981	3130319675980404992	PRAVDA	1.000
2204409870400823936	OC_0185	4942	2204409870400823936	PRAVDA	0.891
5940861543408003200	NGC_6193	4696	5940861543408003200	PRAVDA	0.996
2203434019472097664	UPK_169	7044	2203434019472097664	PRAVDA	1.000
3046026785270786304	vdBergh_92	7163	3046026785270786304	PRAVDA	0.813
5943020022195591552	NGC_6178	4694	5943020022195591552	PRAVDA	1.000
4065975277785683840	NGC_6530	4759	4065975277785683840	PRAVDA	0.911
5615379404040602240	Theia_3397	5909	5615379404040602240	PRAVDA	0.809
5239823134370969088	IC_2602	4293	5239823134370969088	PRAVDA	0.970
5943020743750226048	NGC_6178	4694	5943020743750226048	PRAVDA	1.000
3326717260430731648	NGC_2264	4532	3326717260430731648	PRAVDA	0.993
3216485103712446464	Sigma_Orionis	5349	3216485103712446464	PRAVDA	1.000
6236109243250504576	OCSN_96	5116	6236109243250504576	PRAVDA	0.741
3234302311683109120	Briceno_1	290	3234302311683109120	PRAVDA	0.870
4474066504530306688	IC_4665	4299	4474066504530306688	PRAVDA	1.000
4040810720855068288	NGC_6475	4753	4040810720855068288	PRAVDA	0.973
5318543425255007872	IC_2391	4289	5318543425255007872	PRAVDA	1.000
2024062956715014016	HSC_517	2208	2024062956715014016	PRAVDA	0.922
4474057437857436032	IC_4665	4299	4474057437857436032	PRAVDA	1.000
2204369910027981056	NGC_7160	4852	2204369910027981056	PRAVDA	1.000
2090687795056051328	Gaia_8	1749	2090687795056051328	PRAVDA	1.000
2142523441811425280	TRSG_4	5379	2142523441811425280	PRAVDA	0.739
219692151335240576	HSC_1262	2823	219692151335240576	PRAVDA	0.916
2008712606139262592	ADS_16795	1	2008712606139262592	PRAVDA	1.000
3017188622495555328	NGC_1980	4503	3017188622495555328	PRAVDA	0.787
3217760910861041536	OCSN_61	5102	3217760910861041536	PRAVDA	1.000
5966509778099205376	NGC_6231	4704	5966509778099205376	PRAVDA	1.000
337165932149250176	NGC_1039	4465	337165932149250176	PRAVDA	0.954
1963619091659440000	NGC_7063	4842	1963619091659440000	PRAVDA	0.957

ra	ra_error	dec	dec_error	l	b	pmra	pmra_error
96.7852259	0.0204443	17.7342687	0.0173475	194.4240312	2.8196971	-0.0202	0.0259
95.9522158	0.0166380	3.7010421	0.0155705	206.4718986	-4.4377074	-0.6352	0.0203
80.0688685	0.0210721	35.2171741	0.0162666	171.8107094	-1.0712364	-0.6238	0.0285
98.0768690	0.0266009	3.3628740	0.0249557	207.7533669	-2.7126823	-1.8045	0.0330
330.1635899	0.0247191	62.4877849	0.0256574	104.5775085	5.8693412	-1.4497	0.0339
250.1412487	0.0138361	-48.8878343	0.0086824	336.5335578	-1.5611884	1.0172	0.0178
326.9157737	0.0148287	59.7003634	0.0156852	101.5989393	4.6727229	-1.8817	0.0197
105.9767491	0.0202604	-11.4748228	0.0216145	224.5590290	-2.4806619	-4.7071	0.0248
248.9506609	0.0251941	-45.6787740	0.0157961	338.3808592	1.1843121	0.6470	0.0362
271.1064871	0.0225460	-24.3458039	0.0186130	6.0836158	-1.3071834	1.2824	0.0282
113.2588817	0.0204754	-23.9342449	0.0330573	238.8195002	-2.1863914	-4.8764	0.0266
160.5586466	0.0838521	-64.4663746	0.0678019	289.5633946	-5.0020662	-17.8207	0.1087
248.9393839	0.0260903	-45.6212405	0.0168759	338.4180566	1.2289127	0.3705	0.0346
100.2148105	0.0296356	9.8637002	0.0282211	202.9515264	2.1579056	-1.5043	0.0409
84.7562258	0.0402135	-2.6489931	0.0396681	206.8955589	-17.2970155	1.3167	0.0455
239.6452164	0.0831008	-24.8315986	0.0463475	348.1190497	21.1964730	-12.4514	0.1003
80.9598351	0.0431511	2.0821744	0.0331444	200.6242948	-18.3706679	1.2142	0.0485
266.3902198	0.0226562	5.7156538	0.0209323	30.5318743	17.2457162	-0.6801	0.0266
268.0569400	0.0572641	-34.7992229	0.0425008	355.6872667	-4.2158957	3.3044	0.0587
130.0725880	0.0562497	-53.0152934	0.0524312	270.3254512	-6.8569257	-24.7334	0.0732
290.7120277	0.0978119	26.2623620	0.1309184	59.7794105	5.3202254	0.9220	0.1243
266.7590458	0.0295984	5.6917964	0.0276277	30.6818399	16.9070309	-0.7893	0.0338
328.3740421	0.0137475	62.5979354	0.0115452	103.9929159	6.4652702	-3.4150	0.0178
282.5199907	0.1324882	33.3626504	0.1500056	63.1875919	14.7834455	2.0451	0.1796
291.4448355	0.0445446	58.0273414	0.0388405	89.4311615	18.4489915	-1.9939	0.0494
58.3854403	0.0244412	35.0599786	0.0181518	160.0168576	-14.3855174	2.9228	0.0329
345.6830429	0.0472987	55.2363964	0.0480329	107.7908031	-4.4073042	17.9991	0.0598
83.7046831	0.0254784	-6.0063676	0.0228143	209.5406923	-19.7632743	1.2047	0.0318
84.2390462	0.0338974	-0.7019322	0.0283390	204.8426255	-16.8421272	-0.9104	0.0390
253.5381176	0.0138120	-41.8368736	0.0099316	343.4534683	1.1786571	-0.6820	0.0183
40.4935079	0.0350595	42.7918190	0.0291425	143.6257343	-15.5947053	0.5077	0.0398
321.0577101	0.0148347	36.4279638	0.0188001	82.9989745	-9.9069734	1.4964	0.0206

pmdec	pmdec_error	parallax	parallax_error	pseudocolour	pseudocolour_error
-0.5689	0.0201	0.1742	0.0220		
-1.8150	0.0187	1.4283	0.0193		
-3.7200	0.0200	0.9500	0.0232		
-4.5673	0.0255	1.5412	0.0311		
-2.3816	0.0336	1.0386	0.0284		
-4.0755	0.0123	0.8445	0.0166		
-2.5353	0.0192	1.1773	0.0170		
1.6381	0.0243	0.9036	0.0254		
-3.0683	0.0251	1.1183	0.0344		
-2.1111	0.0187	0.8060	0.0268		
4.1789	0.0469	0.9548	0.0455		
11.5803	0.0922	6.7516	0.0843		
-3.2882	0.0248	1.0696	0.0345		
-3.7473	0.0303	1.3310	0.0365		
-0.6932	0.0433	2.5128	0.0475		
-24.5821	0.0610	7.0050	0.0908		
0.1858	0.0401	2.7890	0.0569		
-8.7014	0.0236	2.9383	0.0278		
-5.8132	0.0405	3.6062	0.0644		
23.3973	0.0660	6.4949	0.0534		
-10.2696	0.1632	8.9071	0.1685		
-8.2426	0.0293	2.9435	0.0358		
-1.4095	0.0138	1.0943	0.0135		
-3.6847	0.2056	3.5982	0.1836	1.6275	0.0418
4.5604	0.0414	3.1005	0.0454		
-4.3110	0.0260	2.5147	0.0308		
3.1068	0.0555	4.9004	0.0613		
0.5083	0.0283	2.6648	0.0347		
-0.5375	0.0337	2.6106	0.0443		
-2.0740	0.0155	0.5775	0.0156		
-5.9609	0.0366	2.0568	0.0397		
-2.4548	0.0234	1.4742	0.0243		

parallax_pmra_corr	parallax_pmdec_corr	pmra_pmdec_corr	parallax_pseudocolour_corr
0.0382	0.1522	-0.2716	
0.1128	0.2074	-0.1413	
0.1875	0.0986	-0.2844	
-0.1926	0.2412	-0.2724	
-0.1793	-0.0879	-0.0935	
-0.1135	0.0102	0.3776	
-0.1641	0.2310	-0.2019	
0.0353	-0.0658	-0.0958	
0.1028	0.2198	0.1303	
0.1049	0.2117	-0.1037	
0.0224	-0.2225	0.1363	
0.0943	0.0852	-0.1664	
-0.1365	0.1493	0.0742	
0.1049	0.0004	-0.0131	
-0.0269	0.3819	-0.3679	
0.0106	-0.2030	-0.1933	
0.0253	0.5120	-0.0772	
0.0006	0.2848	0.2263	
0.1064	0.3513	0.2236	
-0.0645	-0.2284	0.2758	
0.0576	-0.1182	-0.2052	
-0.1765	0.2444	0.1662	
-0.1641	0.0435	-0.0667	
0.0644	-0.1265	-0.2477	0.0493
-0.2729	-0.1581	0.0060	
0.2616	-0.1910	0.2068	
-0.2180	0.0882	-0.1680	
0.1374	0.1939	0.0219	
0.0547	0.3900	-0.0936	
-0.2015	0.1471	-0.0986	
0.0386	0.1760	0.1201	
-0.0406	-0.0060	-0.1656	

pmra_pseudocolour_corr	pmdec_pseudocolour_corr	astrometric_params_solved	ecl_lat
			31 -5.5522327
			31 -19.6080211
			31 12.0630418
			31 -19.8363018
			31 64.8428983
			31 -26.4396043
			31 64.3827401
			31 -33.8685948
			31 -23.3922645
			31 -0.9103955
			31 -44.9295380
			31 -62.2444215
			31 -23.3366596
			31 -13.2097287
			31 -25.9822326
			31 -4.2315129
			31 -21.0536476
			31 29.1034282
			31 -11.3709179
			31 -66.3485868
			31 47.7000879
			31 29.0895616
			31 65.5795316
-0.0609		-0.0961	95 55.9841205
			31 76.9943163
			31 14.4628919
			31 54.0772577
			31 -29.2888188
			31 -24.0151437
			31 -19.1327212
			31 25.7045536
			31 48.2430638

nu_eff_used_in_astrometry	ruwe	rybizki_fidelity_v1	phot_g_mean_flux
1.6278	0.9759	0.9995	31862.21
1.5743	1.2070	1.0000	2078727.78
1.7091	1.1002	1.0000	881329.83
1.7537	1.0371	1.0000	2447220.22
1.7548	1.0004	1.0000	40529774.14
1.6348	0.8290	1.0000	1481263.13
1.6580	0.9533	1.0000	24483997.08
1.7386	1.1312	1.0000	3273930.83
1.7465	0.8315	1.0000	8617086.00
1.7113	0.7647	1.0000	1681867.17
1.8375	1.1688	1.0000	15490502.03
1.8082	0.8403	1.0000	235391767.13
1.7675	0.8258	1.0000	7937843.68
1.8004	0.8803	1.0000	4251429.17
1.7909	1.0534	1.0000	11259463.41
1.7928	1.0655	1.0000	131017251.97
1.8043	1.0145	1.0000	13255327.63
1.7466	1.0242	1.0000	16274762.34
1.8089	0.5888	1.0000	85292639.19
1.8053	0.7823	1.0000	115265619.11
1.8066	2.1353	1.0000	161748140.81
1.7372	1.1832	1.0000	12229591.52
1.6802	0.9797	1.0000	2248597.95
	3.2414	0.9995	680762237.97
1.8090	1.0913	1.0000	44052090.21
1.7181	1.2066	1.0000	5661064.92
1.7887	1.6154	1.0000	46768861.52
1.7954	0.9949	1.0000	8738599.36
1.7909	1.1052	1.0000	10494307.26
1.6412	0.9109	1.0000	158667.06
1.7561	0.9608	1.0000	7710458.22
1.7616	1.0617	1.0000	5318859.93

phot_g_mean_flux_error	phot_bp_mean_flux	phot_bp_mean_flux_error	phot_rp_mean_flux
30.10	19384.03	65.05	18189.71
2776.00	1142529.90	3873.53	1354639.41
628.30	608464.77	1506.35	421809.21
1701.56	1784868.78	2592.32	1044154.40
19787.21	30351380.31	80003.13	18849864.45
417.11	912153.26	524.19	851492.61
8005.12	15541979.29	14671.75	13445281.02
1151.04	2348825.37	1956.90	1466284.36
3146.21	6226006.48	4874.39	3873854.25
962.19	1155548.66	1673.36	821452.02
4360.59	12387493.85	6014.02	5618180.02
231511.05	180752406.45	145977.58	90680938.83
2981.14	5887612.76	4460.81	3383301.08
2318.71	3277627.85	3028.50	1633658.83
5100.64	8718127.09	7560.20	4635053.51
129045.86	99454097.09	238833.60	52707059.98
9746.18	10245645.08	21551.65	5113029.91
4442.77	11793686.42	5470.28	7203922.50
41428.64	65727212.44	68345.27	33431942.72
77766.16	88798225.20	138084.12	44417886.81
186162.47	124311208.49	291703.12	62089150.32
8266.86	8745275.07	18579.60	5528009.43
577.18	1488260.01	693.19	1144540.06
9301330.00	466709519.48	15599171.00	328908783.99
22259.22	34195308.01	45184.30	16715021.51
1605.61	3960537.81	1554.95	2655550.29
67112.56	36205640.22	136465.30	19487249.23
2629.74	6722751.72	3830.38	3410133.20
3782.69	8041189.11	4200.31	4130259.06
40.43	98621.60	61.13	88197.61
2455.03	5648742.66	5200.79	3307778.26
1458.03	3928245.07	1362.09	2238642.15

phot_rp_mean_flux_error	phot_g_mean_mag	phot_bp_mean_mag	phot_rp_mean_mag
50.88	14.4292	14.6199	14.0983
4466.58	9.8929	10.1939	9.4183
992.76	10.8245	10.8780	10.6851
996.15	9.7157	9.7095	9.7010
57029.77	6.6679	6.6331	6.5596
264.08	10.2608	10.4384	9.9224
6649.70	7.2152	7.3598	6.9265
515.01	9.3997	9.4114	9.3324
2467.29	8.3490	8.3530	8.2775
491.24	10.1229	10.1816	9.9614
2378.35	7.7122	7.6061	7.8739
714758.94	4.7579	4.6958	4.8541
1470.35	8.4381	8.4137	8.4245
876.65	9.1160	9.0496	9.2150
6497.73	8.0586	7.9875	8.0828
301190.66	5.3940	5.3445	5.4432
9141.68	7.8814	7.8122	7.9762
3024.78	7.6586	7.6594	7.6040
52279.21	5.8601	5.7942	5.9375
67721.35	5.5331	5.4675	5.6290
200727.61	5.1653	5.1023	5.2654
8950.41	7.9688	7.9841	7.8915
404.32	9.8076	9.9068	9.6013
11784092.00	3.6049	3.6659	3.4552
26655.55	6.5775	6.5036	6.6901
1033.07	8.8051	8.8442	8.6875
65400.58	6.5125	6.4416	6.5235
1152.87	8.3338	8.2697	8.4160
2158.85	8.1350	8.0752	8.2080
50.84	12.6862	12.8536	12.3843
1631.08	8.4697	8.4587	8.4491
667.00	8.8728	8.8530	8.8729

bp_rp	bp_g	g_rp	radial_velocity	radial_velocity_error	rv_method_used	rv_nb_transits
0.5216	0.1908	0.3308				
0.7755	0.3010	0.4745				
0.1928	0.0534	0.1394				
0.0085	-0.0062	0.0147				
0.0735	-0.0348	0.1083				
0.5159	0.1776	0.3383				
0.4333	0.1446	0.2887				
0.0791	0.0117	0.0673				
0.0755	0.0041	0.0714				
0.2201	0.0587	0.1614				
-0.2678	-0.1061	-0.1617				
-0.1583	-0.0621	-0.0962				
-0.0108	-0.0244	0.0136				
-0.1653	-0.0664	-0.0990				
-0.0953	-0.0711	-0.0242				
-0.0987	-0.0496	-0.0492				
-0.1640	-0.0692	-0.0948				
0.0554	0.0008	0.0546				
-0.1433	-0.0659	-0.0774				
-0.1615	-0.0656	-0.0959				
-0.1631	-0.0630	-0.1001				
0.0926	0.0153	0.0774				
0.3055	0.0993	0.2063				
0.2107	0.0610	0.1497	-29.48	36.36	1	19
-0.1865	-0.0738	-0.1127				
0.1566	0.0390	0.1176				
-0.0819	-0.0709	-0.0110				
-0.1463	-0.0641	-0.0822				
-0.1327	-0.0597	-0.0730				
0.4694	0.1675	0.3019				
0.0096	-0.0110	0.0206	-1.92	1.70	1	12
-0.0199	-0.0198	-0.0001				

rv_nb_deblended_transits grvs_mag grvs_mag_error grvs_mag_nb_transits vbroad

0 3.3290 0.0680 19 123.48

3 8.4183 0.0130 9 84.34

r_med_photogeo	Source	RA_ICRS	DE_ICRS	mass16	mass50
	0 3369777468670711936	96.7852259	17.7342687	2.121	2.476
	0 3125174713177867136	95.9522158	3.7010421	3.555	4.375
	0 183633804939546368	80.0688685	35.2171741	2.470	2.978
	0 3130319675980404992	98.0768690	3.3628740	2.763	2.962
	0 2204409870400823936	330.1635899	62.4877849	9.479	9.671
	0 5940861543408003200	250.1412487	-48.8878343	3.406	3.702
	0 2203434019472097664	326.9157737	59.7003634	8.347	9.712
	0 3046026785270786304	105.9767491	-11.4748228	4.113	4.199
	0 5943020022195591552	248.9506609	-45.6787740	3.866	4.498
	0 4065975277785683840	271.1064871	-24.3458039	3.124	3.148
	0 5615379404040602240	113.2588817	-23.9342449	7.544	8.377
147.96312					
	0 5943020743750226048	248.9393839	-45.6212405	4.349	4.913
141.721558					
	0 3234302311683109120	80.9598351	2.0821744	3.396	3.727
	0 4474066504530306688	266.3902198	5.7156538	3.105	3.585
111.919289					
	0 4474057437857436032	266.7590458	5.6917964	3.103	3.498
	0 2204369910027981056	328.3740421	62.5979354	3.700	4.588
	0 2142523441811425280	291.4448355	58.0273414	4.013	4.513
	0 219692151335240576	58.3854403	35.0599786	2.358	2.546
	0 2008712606139262592	345.6830429	55.2363964	2.656	3.131
	0 3217760910861041536	84.2390462	-0.7019322	3.612	3.758
	0 5966509778099205376	253.5381176	-41.8368736	1.924	2.410
	0 337165932149250176	40.4935079	42.7918190	2.704	2.848
	0 1963619091659440000	321.0577101	36.4279638	2.807	2.845

mass84	teff16	teff50	teff84	logg16	logg50	logg84	met16	met50	met84	dist05	dist16
3.076	8038	9549	11136	3.716	3.801	3.950	-0.43	-0.03	0.30	3.4393	3.8591
4.474	12587	13871	15248	3.776	3.899	3.944	-0.20	-0.07	0.36	0.6665	0.6713
3.572	10114	12024	13835	3.900	4.079	4.232	-0.41	-0.11	0.07	0.9603	0.9919
3.208	11837	12172	13596	4.119	4.212	4.274	-0.39	-0.19	0.01	0.6022	0.6157
11.183	18618	18962	21708	3.301	3.364	3.439	-0.30	0.10	0.30	0.8650	0.8678
3.997	11066	11558	12288	3.552	3.603	3.704	-0.21	0.09	0.11	1.1007	1.1167
11.887	17035	20388	23563	3.338	3.462	3.616	-0.19	0.10	0.30	0.7885	0.8165
5.050	15188	15466	16835	3.851	3.877	3.941	-0.67	-0.40	0.00	1.0033	1.0037
4.795	10311	12512	13267	3.424	3.512	3.592	-0.10	0.01	0.40	0.7885	0.8137
3.242	9177	9267	9443	3.582	3.584	3.608	0.26	0.40	0.40	1.1417	1.1422
8.928	20345	21425	23029	3.896	3.914	3.952	-0.21	-0.01	0.22	0.9200	0.9832
5.938	12449	14602	17797	3.540	3.696	3.854	-0.41	0.00	0.21	0.8209	0.8546
3.968	13428	14722	16122	4.222	4.294	4.348	-0.59	-0.19	0.09	0.3335	0.3445
4.104	11866	13251	14905	3.883	4.011	4.112	-0.31	-0.01	0.23	0.3290	0.3328
4.049	11923	13521	15431	4.023	4.109	4.221	-0.38	-0.01	0.23	0.3257	0.3294
4.937	13476	15416	16925	3.915	4.056	4.123	-0.29	-0.02	0.11	0.8562	0.8647
5.126	13955	15101	16688	3.875	3.991	4.079	-0.39	0.00	0.22	0.3036	0.3096
2.867	9606	9825	10569	3.894	3.929	4.045	-0.22	-0.07	0.29	0.3782	0.3863
3.839	10410	11900	14862	3.857	3.952	4.134	-0.39	-0.19	0.02	0.1965	0.1987
3.798	14248	14932	17011	4.255	4.282	4.388	-0.61	-0.39	0.14	0.3599	0.3748
2.817	8136	10330	12298	3.821	4.001	4.195	-0.42	-0.31	0.01	1.5034	1.5592
3.299	9836	11255	11831	3.845	3.896	3.961	-0.31	-0.10	0.23	0.4505	0.4573
3.343	9286	9774	11175	3.708	3.718	3.815	-0.29	0.20	0.31	0.6310	0.6394

dist50	dist84	dist95	AV05	AV16	AV50	AV84	AV95	fidelity	XGal	YGal
4.4093	5.2978	5.7531	0.6826	0.6928	1.1021	1.3106	1.3754	0.9995	-12.4652	-1.0970
0.6821	0.7106	0.7136	1.6781	1.7923	1.8840	1.9042	1.9213	1.0000	-8.8087	-0.3031
1.0225	1.0582	1.0760	0.4199	0.5543	0.6765	0.7702	0.8325	1.0000	-9.2119	0.1456
0.6291	0.6685	0.6780	-0.0063	0.2600	0.3241	0.4056	0.4482	1.0000	-8.7561	-0.2926
0.8735	0.9209	1.0192	0.7286	0.7361	0.7459	0.8263	0.8425	1.0000	-8.4187	0.8410
1.1388	1.1476	1.2007	0.9016	1.2062	1.2484	1.2779	1.4452	1.0000	-7.1558	-0.4533
0.8303	0.8378	0.8425	1.2020	1.2025	1.2409	1.3558	1.4283	1.0000	-8.3664	0.8106
1.0168	1.0731	1.1605	0.4852	0.5627	0.5925	0.6889	0.6903	1.0000	-8.9238	-0.7128
0.8689	0.9059	0.9411	0.2345	0.2940	0.5018	0.5239	0.5909	1.0000	-7.3924	-0.3201
1.1439	1.1458	1.1464	0.4696	0.4696	0.4705	0.4875	0.4931	1.0000	-7.0629	0.1212
1.0042	1.0472	1.1328	0.0732	0.1232	0.1897	0.2463	0.2679	1.0000	-8.7195	-0.8585
0.9417	0.9737	1.0188	0.2340	0.2570	0.3979	0.5109	0.6426	1.0000	-7.3245	-0.3463
0.3602	0.3660	0.3795	-0.0182	0.0438	0.0979	0.1561	0.2156	1.0000	-8.5200	-0.1204
0.3353	0.3432	0.3462	0.3098	0.3962	0.5137	0.6027	0.6584	1.0000	-7.9242	0.1627
0.3345	0.3406	0.3450	0.2765	0.4680	0.5506	0.6357	0.6929	1.0000	-7.9247	0.1633
0.8837	0.9180	0.9302	0.8701	0.8777	0.9735	1.0448	1.0969	1.0000	-8.4123	0.8521
0.3168	0.3229	0.3359	-0.0323	-0.0155	0.0691	0.1468	0.2348	1.0000	-8.1970	0.3005
0.3993	0.4009	0.4066	0.3261	0.4319	0.4551	0.5556	0.6654	1.0000	-8.5635	0.1322
0.2056	0.2102	0.2106	-0.0477	0.0092	0.1373	0.3566	0.3664	1.0000	-8.2626	0.1952
0.3871	0.3919	0.4061	0.1479	0.1625	0.1834	0.2902	0.3457	1.0000	-8.5362	-0.1557
1.6308	1.7152	1.7475	0.6563	0.6679	1.1905	1.2907	1.3540	1.0000	-6.6371	-0.4643
0.4679	0.4905	0.4973	0.0758	0.0883	0.2314	0.2989	0.4271	1.0000	-8.5628	0.2673
0.6514	0.6834	0.7000	-0.0187	-0.0144	0.0575	0.2252	0.3325	1.0000	-8.1218	0.6369

ZGal	RGal	FlagPhoto	FlagOut	BP/RPCorr	AG50	ABP50	ARP50	GMAG0
0.2169	12.5133	GBPRPgzy/JHKs	10	-0.001	1.005	1.198	0.681	0.202
-0.0528	8.8139	GBPRPJHKsW1W2	10	0.004	1.802	2.106	1.178	-1.078
-0.0191	9.2131	GBPRP	10	0.007	0.655	0.760	0.425	0.121
-0.0298	8.7610	GBPRPJHKsW1W2	0	0.001	0.319	0.367	0.204	0.403
0.0893	8.4606	GBPRPJHKsW1W2	10	0.057	0.790	0.883	0.480	-3.828
-0.0310	7.1701	GBPRP/grizJHKs	0	0.010	1.177	1.382	0.778	-1.198
0.0676	8.4056	GBPRPJHKsW1W2	10	0.009	1.307	1.465	0.797	-3.688
-0.0440	8.9522	GBPRP/rizJHKsW1W2	1000	0.008	0.606	0.687	0.378	-1.243
0.0180	7.3993	GBPRPJHKsW1W2	10	0.015	0.493	0.568	0.316	-1.839
-0.0261	7.0639	GBPRP/izJHKs	1001	0.012	0.436	0.515	0.292	-0.605
-0.0383	8.7617	GBPRPJHKsW1W2	10	0.015	0.209	0.230	0.123	-2.506
0.0202	7.3327	GBPRPJHKsW1W2	10	0.014	0.405	0.460	0.253	-1.837
-0.1135	8.5208	GBPRPJHKsW1W2	10	0.009	0.101	0.114	0.063	-0.003
0.0994	7.9259	GBPRPJHKsW1W2	10	0.011	0.511	0.585	0.325	-0.479
0.0973	7.9264	GBPRPJHKsW1W2	10	0.009	0.549	0.628	0.349	-0.202
0.0995	8.4554	GBPRPJHKsW1W2	10	0.003	0.982	1.120	0.618	-0.906
0.1003	8.2025	GBPRPJHKs	10	0.006	0.072	0.081	0.044	-0.998
-0.0992	8.5646	GBPRPJHKsW1W2	0	0.008	0.427	0.502	0.284	0.372
-0.0158	8.2649	GBPRPJHKsW1W2	10	0.039	0.135	0.156	0.087	-0.188
-0.1122	8.5377	GBPRPJHKsW1W2	1010	0.009	0.189	0.213	0.117	0.007
0.0335	6.6533	GBPRP/zHKsW1W2	10	0.000	1.100	1.303	0.738	0.525
-0.1258	8.5670	GBPRPJHKsW1W2	0	0.007	0.225	0.260	0.146	-0.106
-0.1121	8.1467	GBPRPJHKsW1W2	0	0.006	0.055	0.064	0.036	-0.251

BP-RPO	g1-y	a	Delta a	name	id
0.005	9.662	3.070	1.723	HSC_1540	3031
-0.152	12.044	2.543	0.331	Theia_558	5610
-0.142	9.660	1.822	0.476	ASCC_14	9
-0.154				OC_0343	4981
-0.329	8.554	1.011	0.066	OC_0185	4942
-0.088	10.683	1.528	-0.190	NGC_6193	4696
-0.235	10.523	1.260	-0.400	UPK_169	7044
-0.230	9.625	1.128	-0.206	vdBergh_92	7163
-0.176	9.889	1.242	-0.188	NGC_6178	4694
-0.003	9.717	1.258	-0.109	NGC_6530	4759
-0.374	9.249	0.964	-0.233	Theia_3397	5909
	9.322	1.082	-0.142	IC_2602	4293
-0.217	9.571	1.219	-0.095	NGC_6178	4694
	9.385	1.258	0.012	NGC_2264	4532
	9.277	1.035	-0.173	Sigma_Orionis	5349
	9.673	1.371	0.020	OCSN_96	5116
-0.215	9.563	1.516	0.204	Briceno_1	290
-0.205	9.833	1.352	-0.057	IC_4665	4299
	9.352	1.053	-0.181	NGC_6475	4753
	9.783	1.258	-0.134	IC_2391	4289
	9.445	1.274	0.006	HSC_517	2208
-0.187	9.672	1.180	-0.171	IC_4665	4299
-0.196	10.070	1.327	-0.168	NGC_7160	4852
	9.499	-0.016	-1.304	Gaia_8	1749
-0.223	10.075	1.343	-0.154	TRSG_4	5379
-0.061	10.083	1.409	-0.091	HSC_1262	2823
-0.151	9.154	1.483	0.320	ADS_16795	1
	9.734	1.175	-0.198	NGC_1980	4503
-0.229	9.495	1.307	0.021	OCSN_61	5102
-0.095	10.341	1.715	0.122	NGC_6231	4704
-0.105	9.539	1.476	0.174	NGC_1039	4465
-0.048	9.512	1.537	0.244	NGC_7063	4842

name_all

Theia_558,Theia_838
ASCC_14,MWSC_507
CWNU_1003,OC_0343,Theia_838
CWNU_1115,OC_0185
NGC_6193,Theia_1643
Theia_131,UPK_169
vdBergh_92
Collinder_308,ESO_276-6,MWSC_2428,NGC_6178,OCL_980
NGC_6530,OC_0006
Theia_2000,Theia_2267,Theia_3397
BH_103,Collinder_229,ESO_93-2,IC_2602,MWSC_1840,Melotte_102,OCL_838
Collinder_308,ESO_276-6,MWSC_2428,NGC_6178,OCL_980
NGC_2264,Theia_41
Sigma_Orionis,UBC_205
OCSN_96
ASCC_16,Briceno_1
Collinder_349,IC_4665,MWSC_2689,Melotte_179,OCL_85,Theia_76
BH_254,Collinder_354,ESO_394-9,MWSC_2739,Melotte_183,NGC_6475,OCL_1028,Theia_692
IC_2391,Theia_114

Collinder_349,IC_4665,MWSC_2689,Melotte_179,OCL_85,Theia_76
Collinder_443,MWSC_3572,NGC_7160,OCL_236,Theia_42
CWWL_3595,Gaia_8,PHOC_41
TRSG_4,Theia_520,UBC_1

ADS_16795,AR_Cas
NGC_1980,UBC_208
Collinder_70,OCSN_61
NGC_6231
Collinder_31,MWSC_223,Melotte_17,NGC_1039,OCL_382,Theia_251
Collinder_435,MWSC_3507,NGC_7063,OCL_192

kind	cst	n_stars	cst_tidal	n_stars_tidal	ra	dec	l
o	7.4815858	66	8.4495331	39	96.7789470	17.7356265	194.4200572
o	13.0075706	96	13.2730555	75	95.9047852	3.6703087	206.4772244
o	3.3533280	32	5.4668821	21	80.0038580	35.2290566	171.7705971
o	16.4825484	104	16.4825484	104	97.6316468	4.3572979	206.6649280
o	21.1954494	356	21.1954494	356	332.7413585	63.3959376	106.0678645
o	31.8666333	653	30.0643456	573	250.3556968	-48.7715231	336.7142431
o	13.2835190	107	13.8491043	102	326.7414451	59.7222519	101.5454731
o	21.9955537	345	21.9955537	345	106.0365022	-11.4423376	224.5569030
o	19.0090112	211	19.0090112	211	248.9293596	-45.6505432	338.3916875
o	34.2767327	680	33.3041846	476	271.1018869	-24.3704785	6.0600560
m	17.4790895	207	17.4790895	207	113.9402618	-25.5265870	240.5138232
o	29.9756858	638	27.3982786	314	160.9730827	-64.3932363	289.6865912
o	19.0090112	211	19.0090112	211	248.9293596	-45.6505432	338.3916875
o	21.9728784	224	21.9728784	224	100.2270697	9.8754366	202.9466021
o	5.9404069	181	7.2379041	118	84.7098639	-2.6097557	206.8366547
o	13.9497443	223	14.1372765	220	240.4296547	-22.7092145	350.2738179
o	18.0337700	171	18.1253594	170	81.0833631	1.6956123	201.0430338
o	24.0540126	308	23.0258718	274	266.5324446	5.6347429	30.5227014
o	99.0000000	1427	99.0000000	961	268.4760553	-34.8283301	355.8359378
o	26.0630563	376	22.9005882	264	130.2601512	-53.0416992	270.4153375
o	6.2406852	39	6.6246269	36	304.8031923	24.8188777	65.0379244
o	24.0540126	308	23.0258718	274	266.5324446	5.6347429	30.5227014
o	18.7786563	151	18.7786563	151	328.4556331	62.5792304	104.0105598
o	17.6992990	150	17.9057223	147	282.5431401	33.3928236	63.2241354
o	25.1736412	280	21.4051135	206	287.6956539	56.5227769	87.1836480
o	14.8348800	143	14.9392298	139	57.6435703	35.0748714	159.5311261
o	6.8321986	41	6.8321986	41	352.5921649	58.5534133	112.5088946
o	23.0287532	364	23.2639164	362	83.8006165	-5.9212505	209.5055015
o	10.0694473	147	10.0694473	147	84.0836513	-0.4021664	204.4898980
o	30.7597790	646	31.2554559	634	253.5709857	-41.8364518	343.4692431
o	99.0000000	1095	99.0000000	589	40.5481756	42.7220782	143.6944550
o	18.9644073	206	17.6404551	110	321.1173695	36.4889040	83.0772004

b	ang_radius_50	ang_radius_c	ang_radius_t	ang_radius_total	radius_50_pc
2.8150300	0.0832	0.1924	0.1924	0.7289	5.6608
-4.4938905	0.5695	0.4459	2.5408	5.0623	6.7857
-1.1080127	0.2066	0.4305	0.4305	0.9249	3.6208
-2.6488257	0.3937	0.3026	1.7856	1.7856	4.4146
5.9074606	1.2517	2.6382	2.6382	2.6382	19.8570
-1.5901274	0.1265	0.1106	0.5137	0.6163	2.5144
4.7460028	0.1884	0.1269	0.9660	1.3677	2.7536
-2.4137257	0.1310	0.1306	0.4807	0.4807	2.5268
1.2143343	0.3188	0.3235	1.1551	1.1551	4.8879
-1.3156319	0.0787	0.0423	0.5061	0.5323	1.6887
-2.4154242	1.1681	1.4040	3.7844	3.7844	21.1523
-4.8527956	1.1220	1.2876	3.7400	13.2983	2.9485
1.2143343	0.3188	0.3235	1.1551	1.1551	4.8879
2.1740118	0.1203	0.1034	0.4955	0.4955	1.4708
-17.3198454	0.1273	0.3042	0.3152	1.2891	0.8800
22.2023176	1.6237	2.9729	2.9729	3.9641	3.9858
-18.4532901	0.3186	0.4110	0.9911	1.2737	1.9025
17.0829268	0.5105	0.3377	2.6636	3.9543	3.0594
-4.5277932	0.6756	0.6771	2.4693	4.8620	3.2544
-6.7830525	0.7026	0.5884	2.9571	11.8314	1.8417
-6.3422427	6.0361	12.0677	15.6432	17.9945	12.0583
17.0829268	0.5105	0.3377	2.6636	3.9543	3.0594
6.4271451	0.2011	0.1577	0.8958	0.8958	3.1408
14.7774469	0.6894	0.4424	3.7041	4.9031	3.4803
19.8129319	0.9333	1.0741	3.1058	5.3291	5.2525
-14.7701215	0.6100	1.3939	1.5259	2.0134	4.1132
-2.6681322	2.6532	3.2559	8.4900	8.4900	9.5672
-19.6397782	0.3189	0.3051	1.2066	1.4912	2.1054
-16.8370431	0.5202	0.7683	1.5103	1.5103	3.4286
1.1599107	0.0811	0.0715	0.3268	0.5566	2.1981
-15.6404790	0.3039	0.2414	1.3390	3.1075	2.5976
-9.8980946	0.1761	0.1469	0.7437	2.6557	2.0180

radius_c_pc	radius_t_pc	radius_total_pc	pmra	pmra_std	pmra_error	pmdec	pmdec_std
13.0898	13.0898	49.6065	-0.0729	0.0520	0.0083	-0.4065	0.1328
5.3128	30.2908	60.4690	-0.6849	0.1260	0.0145	-1.8272	0.1434
7.5458	7.5458	16.2130	-0.5640	0.0822	0.0179	-3.5974	0.1968
3.3932	20.0264	20.0264	-1.7586	0.1590	0.0156	-4.7142	0.1563
41.8772	41.8772	41.8772	-1.3010	0.4100	0.0217	-2.4861	0.3460
2.1986	10.2144	12.2545	1.3192	0.2816	0.0118	-4.0183	0.2581
1.8541	14.1189	19.9935	-2.0008	0.1754	0.0174	-2.5185	0.1895
2.5183	9.2727	9.2727	-4.3855	0.2082	0.0112	1.5827	0.1396
4.9594	17.7100	17.7100	0.5109	0.2309	0.0159	-3.2702	0.1879
0.9084	10.8611	11.4234	1.3332	0.3330	0.0153	-2.0584	0.2295
25.4258	68.6167	68.6167	-4.8873	0.2099	0.0146	4.0113	0.1399
3.3838	9.8414	35.5842	-17.7750	0.9798	0.0553	10.6692	0.9534
4.9594	17.7100	17.7100	0.5109	0.2309	0.0159	-3.2702	0.1879
1.2645	6.0576	6.0576	-1.6172	0.1365	0.0091	-3.6445	0.1757
2.1031	2.1791	8.9131	1.4800	0.3615	0.0333	-0.6096	0.3353
7.3024	7.3024	9.7437	-11.5407	1.2992	0.0876	-23.8876	0.8312
2.4543	5.9180	7.6065	1.3840	0.1787	0.0137	-0.0162	0.1798
2.0236	15.9730	23.7336	-0.8809	0.3031	0.0183	-8.5324	0.3084
3.2619	11.9017	23.4762	3.0800	0.4740	0.0153	-5.3659	0.4721
1.5424	7.7585	31.4624	-24.7970	0.9043	0.0557	23.2672	0.7499
24.3800	31.9322	37.0405	6.9811	4.6311	0.7718	-9.2550	2.4955
2.0236	15.9730	23.7336	-0.8809	0.3031	0.0183	-8.5324	0.3084
2.4629	13.9921	13.9921	-3.4835	0.1295	0.0105	-1.3943	0.1422
2.2335	18.7253	24.8124	1.7426	0.3601	0.0297	-3.9554	0.4320
6.0449	17.4944	30.0753	-2.4887	0.4069	0.0284	3.7339	0.4939
9.4006	10.2915	13.5819	3.3748	0.1904	0.0162	-4.3794	0.1920
11.7447	30.8184	30.8184	18.6566	1.3019	0.2033	2.8466	1.2580
2.0141	7.9675	9.8477	1.2645	0.1765	0.0093	0.4723	0.2683
5.0643	9.9566	9.9566	-1.0447	0.2117	0.0175	-0.6303	0.2020
1.9397	8.8591	15.0916	-0.5758	0.1487	0.0059	-2.1837	0.1533
2.0630	11.4474	26.5869	0.6521	0.2253	0.0093	-5.7909	0.2389
1.6837	8.5227	30.4555	1.5331	0.1176	0.0112	-2.5483	0.1347

pmdec_error	parallax	parallax_std	parallax_error	distance_16	distance_50	distance_84
0.0213	0.1847	0.0380	0.0061	3834.27	3899.06	3966.08
0.0166	1.4098	0.0421	0.0049	681.26	682.61	683.97
0.0429	0.9274	0.0431	0.0094	1000.04	1004.25	1008.50
0.0153	1.5237	0.0624	0.0061	641.21	642.38	643.55
0.0183	1.0768	0.0547	0.0029	907.75	908.82	909.91
0.0108	0.8085	0.1104	0.0046	1136.46	1139.25	1142.05
0.0188	1.1541	0.0614	0.0061	835.87	837.39	838.91
0.0075	0.8753	0.0642	0.0035	1102.88	1105.16	1107.45
0.0129	1.0954	0.0722	0.0050	876.40	878.32	880.25
0.0105	0.7641	0.0600	0.0028	1226.55	1229.50	1232.47
0.0097	0.9295	0.0567	0.0039	1035.68	1037.35	1039.04
0.0538	6.6003	0.1284	0.0072	150.52	150.55	150.58
0.0129	1.0954	0.0722	0.0050	876.40	878.32	880.25
0.0117	1.3922	0.0546	0.0036	699.19	700.38	701.57
0.0309	2.4998	0.0504	0.0046	395.70	396.08	396.47
0.0560	7.0649	0.1145	0.0077	140.57	140.61	140.65
0.0138	2.8878	0.0445	0.0034	341.81	342.10	342.39
0.0186	2.8669	0.1369	0.0083	343.11	343.35	343.58
0.0152	3.5830	0.0875	0.0028	275.91	275.99	276.06
0.0462	6.6216	0.1216	0.0075	150.16	150.19	150.22
0.4159	9.3220	0.7760	0.1293	113.97	114.04	114.10
0.0186	2.8669	0.1369	0.0083	343.11	343.35	343.58
0.0116	1.0896	0.0423	0.0034	893.43	894.88	896.34
0.0356	3.4365	0.1228	0.0101	289.04	289.24	289.44
0.0344	3.0858	0.0936	0.0065	322.26	322.42	322.58
0.0163	2.5633	0.0659	0.0056	385.87	386.35	386.82
0.1965	4.7596	0.1016	0.0159	206.28	206.46	206.63
0.0141	2.6002	0.0418	0.0022	378.03	378.28	378.54
0.0167	2.5903	0.0712	0.0059	377.18	377.62	378.07
0.0061	0.6084	0.0420	0.0017	1551.03	1553.38	1555.74
0.0098	2.0035	0.0666	0.0027	489.38	489.73	490.08
0.0128	1.4924	0.0303	0.0029	655.77	656.60	657.43

n_stars_used_for_distance	global_parallax_correction_only	x	y	z
66	NEPRAVDA	-11893.14	-969.80	221.94
95	NEPRAVDA	-8731.24	-303.40	-31.13
32	NEPRAVDA	-9115.74	143.72	3.92
93	NEPRAVDA	-8695.49	-287.97	-7.42
311	NEPRAVDA	-8371.94	868.68	114.98
295	NEPRAVDA	-7076.01	-450.19	-13.49
84	NEPRAVDA	-8288.82	817.63	90.51
311	NEPRAVDA	-8908.88	-774.71	-23.73
185	NEPRAVDA	-7305.52	-323.38	37.32
426	NEPRAVDA	-6899.74	129.76	-10.56
195	NEPRAVDA	-8632.23	-902.19	-21.61
282	NEPRAVDA	-8071.47	-141.24	7.93
185	NEPRAVDA	-7305.52	-323.38	37.32
211	NEPRAVDA	-8766.40	-272.86	49.02
164	NEPRAVDA	-8459.67	-170.70	-96.25
211	NEPRAVDA	-7993.53	-21.99	73.60
155	NEPRAVDA	-8425.12	-116.52	-86.71
192	NEPRAVDA	-7839.00	166.68	120.94
842	NEPRAVDA	-7847.63	-19.98	-1.69
236	NEPRAVDA	-8120.94	-149.14	3.06
33	NEPRAVDA	-8074.17	102.75	8.08
192	NEPRAVDA	-7839.00	166.68	120.94
130	NEPRAVDA	-8337.01	862.80	121.52
115	NEPRAVDA	-7995.79	249.69	94.25
164	NEPRAVDA	-8106.79	302.97	130.05
127	NEPRAVDA	-8472.22	130.64	-76.80
32	NEPRAVDA	-8200.95	190.52	11.39
293	NEPRAVDA	-8432.37	-175.47	-105.55
132	NEPRAVDA	-8451.17	-149.83	-87.74
603	NEPRAVDA	-6633.03	-441.89	48.43
547	NEPRAVDA	-8502.36	279.23	-110.26
104	NEPRAVDA	-8044.30	642.11	-92.27

radial_velocity	radial_velocity_std	radial_velocity_error	radial_velocity_n_stars	class_2.5
18.38	5.09	2.94	3	0.8447
-1.07	9.31	1.98	22	0.9509
-15.07	2.71	1.92	2	0.9862
11.01	7.14	1.12	41	0.9576
-20.23	23.75	3.23	54	0.6871
-33.87	32.09	5.42	35	0.5621
-15.70	20.73	4.32	23	0.6890
22.27	25.37	4.56	31	0.5580
-7.49	21.62	3.71	34	0.9621
5.96	47.04	6.29	56	0.1171
27.68	26.83	3.79	50	0.9784
15.93	20.07	1.81	123	0.9959
-7.49	21.62	3.71	34	0.9621
21.13	46.10	7.68	36	0.1956
24.97	23.13	4.15	31	0.4376
-11.80	17.69	1.83	93	0.9812
11.59	21.90	2.85	59	0.9899
-17.29	20.15	2.46	67	0.9216
-14.55	8.71	0.44	387	0.9765
13.46	11.58	1.22	90	0.9735
-23.66	4.77	1.09	19	0.5894
-17.29	20.15	2.46	67	0.9216
-25.24	11.96	2.67	20	0.9916
-21.80	9.17	1.76	27	0.7203
-24.33	19.88	2.43	67	0.9723
19.60	15.87	2.85	31	0.9266
-13.36	1.63	0.58	8	0.1720
23.24	27.43	2.84	93	0.5377
26.82	16.99	2.79	37	0.9396
-30.80	31.90	4.22	57	0.9442
-7.08	10.62	0.70	228	0.9730
-2.18	6.17	0.93	44	0.9354

class_16	class_50	class_84	class_97.5	human_class	log_age_16	log_age_50	log_age_84	a_v_16
0.9631	0.9787	0.9998	0.9998		7.965	8.187	8.392	0.520
0.9865	0.9927	0.9999	0.9999		8.028	8.305	8.527	0.441
0.9976	0.9988	1.0000	1.0000		7.457	7.689	7.865	0.498
0.9910	0.9953	0.9999	1.0000		7.247	7.488	7.741	0.017
0.9088	0.9420	0.9932	0.9988		6.638	6.809	6.942	0.810
0.7937	0.8506	0.9594	0.9730		6.498	6.613	6.705	1.898
0.9063	0.9395	0.9929	0.9982		6.659	6.848	6.989	2.268
0.8058	0.8761	0.9688	0.9840		6.500	6.643	6.747	0.928
0.9886	0.9932	0.9996	0.9996		6.700	6.894	7.049	0.551
0.2381	0.4324	0.6242	0.7940		6.451	6.592	6.676	1.291
0.9969	0.9985	1.0000	1.0000		7.553	7.781	8.025	0.000
0.9992	0.9996	1.0000	1.0000		7.180	7.415	7.677	0.001
0.9886	0.9932	0.9996	0.9996		6.700	6.894	7.049	0.551
0.4851	0.6694	0.9451	0.9807		6.553	6.695	6.821	0.416
0.7275	0.8246	0.9800	0.9941		6.426	6.572	6.652	0.594
0.9948	0.9974	1.0000	1.0000		6.506	6.671	6.790	0.198
0.9980	0.9989	1.0000	1.0000		6.638	6.913	7.053	0.047
0.9793	0.9869	0.9988	0.9996		7.263	7.515	7.723	0.336
0.9954	0.9976	1.0000	1.0000		8.046	8.232	8.524	0.063
0.9944	0.9974	1.0000	1.0000		7.159	7.437	7.677	0.000
0.9083	0.9516	0.9993	0.9993		7.385	7.671	7.886	0.025
0.9793	0.9869	0.9988	0.9996		7.263	7.515	7.723	0.336
0.9985	0.9992	1.0000	1.0000		6.778	6.954	7.115	0.762
0.9584	0.9793	0.9993	0.9998		7.067	7.324	7.577	0.003
0.9957	0.9979	1.0000	1.0000		7.802	8.048	8.336	0.000
0.9805	0.9877	0.9994	0.9996		6.528	6.704	6.860	0.206
0.6798	0.8284	0.9978	0.9989		7.388	7.755	8.016	0.000
0.8273	0.8955	0.9936	0.9948		6.634	6.841	6.993	0.289
0.9863	0.9921	0.9999	0.9999		6.869	7.069	7.310	0.060
0.9769	0.9842	0.9980	0.9990		6.508	6.640	6.734	1.343
0.9953	0.9979	1.0000	1.0000		7.855	8.087	8.367	0.012
0.9899	0.9947	1.0000	1.0000		7.947	8.169	8.428	0.029

a_v_50	a_v_84	differential_a_v_16	differential_a_v_50	differential_a_v_84
0.736	0.933	1.025	1.460	1.823
0.649	0.822	1.750	2.112	2.499
0.676	0.829	0.402	0.834	1.212
0.148	0.230	0.120	0.575	0.825
1.119	1.324	1.871	2.274	2.666
2.087	2.326	2.455	2.714	3.078
2.523	2.708	2.151	2.489	2.888
1.109	1.321	1.978	2.382	2.711
0.786	0.996	1.349	1.802	2.270
1.476	1.730	1.969	2.364	2.793
0.089	0.142	0.511	0.920	1.284
0.114	0.185	0.056	0.560	0.816
0.786	0.996	1.349	1.802	2.270
0.647	0.824	1.500	1.897	2.405
0.902	1.193	1.904	2.249	2.859
0.396	0.528	0.582	1.160	1.742
0.177	0.262	0.095	0.594	0.884
0.559	0.736	0.402	0.978	1.317
0.208	0.296	0.138	0.654	0.950
0.091	0.143	0.017	0.465	0.706
0.166	0.250	0.050	0.500	0.777
0.559	0.736	0.402	0.978	1.317
0.976	1.122	0.727	1.183	1.603
0.181	0.257	0.100	0.644	0.886
0.062	0.111	0.027	0.405	0.614
0.439	0.569	0.381	1.046	1.445
0.174	0.264	0.008	0.471	0.694
0.510	0.682	1.330	1.913	2.322
0.190	0.285	0.091	0.655	0.947
1.535	1.714	1.323	1.691	2.164
0.143	0.225	0.265	0.777	1.085
0.133	0.203	0.040	0.472	0.691

distance_modulus_16	distance_modulus_50	distance_modulus_84	min_cluster_size
12.945	13.107	13.320	40
8.973	9.106	9.285	80
9.806	9.988	10.142	20
8.819	9.005	9.178	80
9.626	9.775	9.949	-1
10.132	10.271	10.413	-1
9.427	9.570	9.712	80
10.041	10.192	10.339	40
9.523	9.686	9.860	80
10.295	10.462	10.620	20
9.923	10.105	10.272	20
5.707	5.857	6.008	10
9.523	9.686	9.860	80
9.010	9.163	9.307	80
7.789	7.907	8.094	80
5.546	5.679	5.816	20
7.470	7.639	7.780	80
7.452	7.634	7.776	80
6.984	7.148	7.282	20
5.713	5.854	6.006	80
5.146	5.254	5.404	20
7.452	7.634	7.776	80
9.549	9.719	9.853	40
7.124	7.298	7.448	80
7.354	7.510	7.686	80
7.704	7.869	8.023	40
6.492	6.650	6.815	40
7.671	7.838	7.983	10
7.689	7.855	7.999	80
10.844	10.959	11.135	80
8.245	8.390	8.595	20
8.813	8.992	9.179	20

is_merged_cluster	is_gmm_membership_list	n_unique_strong_crossmatches	crossmatch_type
NEPRAVDA	NEPRAVDA		0
NEPRAVDA	NEPRAVDA		2 m:m
NEPRAVDA	NEPRAVDA		1 m:1
NEPRAVDA	NEPRAVDA		3 m:m
PRAVDA	NEPRAVDA		2 1:m
NEPRAVDA	PRAVDA		2 m:m
NEPRAVDA	NEPRAVDA		2 1:m
NEPRAVDA	NEPRAVDA		1 m:1
NEPRAVDA	NEPRAVDA		1 1:1
NEPRAVDA	NEPRAVDA		2 1:m
NEPRAVDA	NEPRAVDA		3 m:m
NEPRAVDA	NEPRAVDA		1 m:1
NEPRAVDA	NEPRAVDA		1 1:1
NEPRAVDA	NEPRAVDA		2 m:m
NEPRAVDA	NEPRAVDA		2 1:m
NEPRAVDA	NEPRAVDA		1 1:1
NEPRAVDA	NEPRAVDA		2 1:m
NEPRAVDA	NEPRAVDA		2 1:m
NEPRAVDA	NEPRAVDA		2 1:m
NEPRAVDA	NEPRAVDA		2 m:m
NEPRAVDA	NEPRAVDA		0
NEPRAVDA	NEPRAVDA		2 1:m
NEPRAVDA	NEPRAVDA		2 m:m
NEPRAVDA	NEPRAVDA		3 1:m
NEPRAVDA	NEPRAVDA		3 1:m
NEPRAVDA	NEPRAVDA		0
NEPRAVDA	NEPRAVDA		1 1:1
NEPRAVDA	NEPRAVDA		2 1:m
NEPRAVDA	NEPRAVDA		2 m:m
NEPRAVDA	NEPRAVDA		1 1:1
NEPRAVDA	NEPRAVDA		2 1:m
NEPRAVDA	NEPRAVDA		1 1:1