

RAdeg	DEdeg	GaiaDR2	GLON	GLAT	plx	e_plx	pmRA	e_pmRA	pmDE	e_PMDE	RADEcor	RAP1xcor	RAPmRAcor	RAPmDEcor	DEPlxcor	DEpmRAcor	DEpmDEcor	PxpmRAcor	PxpmDEcor	pmRAPmDEcor	o_Gmag	Gmag	Bp-Rp	PMemb	Cluster	ClusterDist(pc)	TIC	
134.1548294809	-42.55264611959	5524279024514875648	263.8965625	1.8447992464	2.3367	0.0328	-12.322	0.061	6.515	0.058	0.0938	-0.0157	-0.1706	-0.0001	0.2592	0.0382	-0.4211	0.2016	-0.1333	0.1917	277	10.346837	0.173395	0.8	Trumpler_10	441.755	30370785	
132.2947077659	-42.43000011212	5524195491690069760	262.9238135419	0.8698019907	2.187	0.0296	-12.63	0.051	6.05	0.051	-0.0055	-0.122	-0.206	0.0498	0.3295	0.0663	-0.4517	0.0953	-0.0698	0.0874	299	10.386574	0.193137	0.9	Trumpler_10	441.755	271059050	
132.2473880351	-40.1610666429	5524090423910645888	263.4687370098	0.3811717818	2.2494	0.0363	-12.758	0.057	6.998	0.061	-0.043	-0.3031	-0.1941	0.0485	0.2391	0.1045	-0.2079	0.1659	0.0419	0.0221	253	10.434404	0.212653	0.9	Trumpler_10	441.755	271061334	
129.3003409658	-40.8755063994	552823263509342336	260.5482374511	0.3720937698	2.2705	0.0332	-11.722	0.052	6.781	0.061	-0.0686	0.1042	-0.3174	0.1319	0.2773	0.1607	-0.5546	0.1146	-0.116	0.0086	294	10.43947	0.204082	0.5	Trumpler_10	441.755	180842781	
130.1376993302	-43.36809777003	5523302280235357824	262.6761268097	-0.9508844833	2.4935	0.0419	-13.272	0.067	7.462	0.075	0.0493	-0.104	-0.3543	0.0180	0.4232	0.0659	-0.3221	0.1259	-0.2535	0.217	239	10.042993	0.180458	0.2	Trumpler_10	441.755	141848733	
130.100197793142	-43.85186435006	5522468300666830720	263.4426024501	-0.7556675678	2.2427	0.031	-12.587	0.052	6.778	0.052	0.0043	-0.1082	-0.0702	0.1037	0.284	0.1432	-0.3081	0.2145	-0.0655	0.079	268	10.354003	0.195216	0.9	Trumpler_10	441.755	260207758	
133.83250419233	-41.81346936269	5524460100337499648	263.1780836199	2.1411917693	2.1938	0.027	-13.301	0.041	5.817	0.043	0.0389	0.0752	-0.2415	0.0754	0.3533	0.0715	-0.2425	-0.0193	-0.0097	0.0086	300	10.490051	0.303197	0.5	Trumpler_10	441.755	190785571	
132.4888095414	-42.79979449621	5524128941173212928	263.3006031723	0.74647402	2.1558	0.0538	-12.887	0.083	6.35	0.081	0.0611	0.3526	0.2251	0.2645	0.535	0.4916	-0.5866	0.511	-0.1217	-0.0964	146	10.673985	0.290578	1.0	Trumpler_10	441.755	28943819	
131.20090319519	-42.3923905326	552501714772285440	261.8775829851	0.6993659356	2.1891	0.0291	-12.037	0.045	6.373	0.053	0.0989	-0.1485	-0.2893	-0.0426	0.2135	0.0028	-0.3153	0.2083	-0.0143	0.1229	297	10.655966	0.285849	1.0	Trumpler_10	441.755	181506922	
131.9846358666	-42.91424155932	5524112207984773504	263.1560583834	0.3875862307	2.3002	0.038	-12.657	0.06	6.47	0.067	0.0085	0.0831	-0.1387	0.0524	0.2273	0.0816	-0.3214	0.0826	0.1604	-0.0857	192	10.749674	0.373658	1.0	Trumpler_10	441.755	270735947	
132.8111943908	-42.71548916477	5523945421514213888	263.3858125388	0.9828586199	2.2016	0.0366	-12.544	0.056	6.552	0.057	0.1428	0.2342	-0.2067	0.0357	0.3045	0.1365	-0.2045	0.1497	-0.1439	0.0918	268	10.212967	0.19464	1.0	Trumpler_10	441.755	29210861	
131.83563111699	-42.7243619914	5524164705364517248	262.9396584512	0.4218358627	2.232	0.0483	-12.301	0.077	6.605	0.09	0.1728	0.2642	-0.1052	-0.1052	0.0152	-0.0756	-0.464	0.2614	0.1643	0.1739	209	10.14778	0.190576	1.0	Trumpler_10	441.755	28709675	
131.68493674122	-42.89332732124	552416192225720320	263.0020138589	0.229786763	2.2264	0.0317	-12.724	0.052	6.516	0.052	0.0168	0.0281	-0.2236	0.0862	0.2223	0.1511	-0.2478	0.2861	-0.0711	0.0382	286	10.028233	0.158795	1.0	Trumpler_10	441.755	28704987	
132.60752751304	-42.03867696485	552458241006485120	262.7820384317	1.2962039172	2.1506	0.035	-12.747	0.063	6.361	0.054	0.1405	-0.027	-0.1588	-0.0874	0.4001	-0.0736	-0.2938	0.0498	-0.1162	0.2255	234	10.682187	0.336387	0.9	Trumpler_10	441.755	29207986	
132.50191089744	-43.03528738138	5523910628637162880	263.4888776099	0.6046761478	2.2109	0.0317	-12.618	0.057	6.507	0.049	0.0634	0.0562	-0.182	0.0493	0.2015	0.0786	-0.1834	0.1444	0.0363	0.0193	207	10.492811	0.301563	1.0	Trumpler_10	441.755	28944596	
133.7168963168	-44.22425163556	5531613148166850688	264.9653719713	0.520528632	2.2648	0.0463	-13.351	0.068	6.664	0.093	-0.1608	-0.0701	-0.2955	0.1486	0.2524	0.1888	-0.5093	0.2469	-0.0333	-0.1052	213	11.249331	0.686995	0.8	Trumpler_10	441.755	30122455	
133.71157684894	-44.22896835111	5531613148166851584	264.966515738	0.51545722795	2.2856	0.031	-14.194	0.045	5.868	0.067	-0.1013	-0.0468	-0.2433	0.0891	0.2468	0.1225	-0.507	0.1829	-0.0235	-0.0695	220	10.706132	0.336311	0.7	Trumpler_10	441.755	30122473	
134.7531941489	-41.80066778129	5524417906578326016	263.6215421069	2.6652251741	1.1897	0.0358	-12.055	0.058	6.107	0.056	0.0295	-0.1719	-0.186	0.0980	0.2151	0.1617	-0.2952	0.3059	-0.0222	0.1122	251	10.864573	0.365218	0.5	Trumpler_10	441.755	191176390	
131.70151030207	-42.0336685156	5524972030954179584	262.3407035645	0.7765511961	1.4777	0.0351	-11.988	0.062	6.966	0.076	-0.1391	0.0584	-0.17	0.2162	0.0398	0.1915	-0.5721	-0.2069	-0.0199	-0.0306	238	10.847327	0.34942	1.0	Trumpler_10	441.755	28072784	
131.75150014949	-43.14607063892	552497994001248512	262.7591732839	-0.4827995823	2.247	0.0313	-12.025	0.049	6.536	0.051	-0.0006	-0.1039	-0.144	0.2240	0.3301	0.0583	-0.314	0.1167	-0.0063	0.0871	249	10.752886	0.338833	1.0	Trumpler_10	441.755	393406563	
132.3545020828	-44.1474747515	5523896321448098432	263.7353318513	0.2644048569	2.2238	0.032	-12.36	0.059	6.812	0.058	-0.0444	-0.1033	-0.3216	0.0634	0.1632	0.0555	-0.5547	0.1867	-0.0665	-0.0723	0.0579	240	10.325207	0.209639	1.0	Trumpler_10	441.755	271062182
135.4946143572	-41.87708305228	5524835641194128768	264.0360856604	0.3072021551	2.4315	0.0281	-12.257	0.045	6.311	0.047	0.1108	-0.0437	-0.0507	0.0535	0.3719	0.062	-0.1403	0.0238	-0.0761	0.1455	296	10.647517	0.333097	0.5	Trumpler_10	441.755	191446519	
131.87054161316	-44.16548096349	5523750812257251072	264.0774295482	-0.4630195613	2.2071	0.0373	-11.927	0.067	7.403	0.049	-0.0551	-0.203	-0.3187	0.0345	0.4059	0.1379	-0.176	0.2294	0.0419	0.0185	245	10.759963	0.377971	0.3	Trumpler_10	441.755	28785998	
132.6181815527	-42.93622088501	5523936526642204160	263.4662325214	0.7332674889	2.2629	0.0294	-12.456	0.047	6.423	0.046	-0.1161	-0.2611	-0.2044	0.1157	0.3303	0.2003	-0.3963	0.2979	-0.0064	0.0358	232	11.167642	0.506572	1.0	Trumpler_10	441.755	29132353	
131.10856031588	-44.18875796558	5522447478665318912	263.754461783	-0.9044886901	2.3467	0.03	-13.121	0.053	6.877	0.048	0.012	-0.0727	-0.3528	0.0144	0.4343	0.0402	-0.398	0.0657	-0.0455	0.0869	234	11.872411	0.680176	0.8	Trumpler_10	441.755	430591454	
130.73024819519	-43.27717337862	5524793114918417792	262.8691927908	-0.5459668371	2.4037	0.0306	-12.151	0.053	6.678	0.047	-0.0223	-0.0509	-0.1918	0.0634	0.3094	0.0746	-0.3079	0.0427	-0.0698	0.1126	222	10.842463	0.681311	0.8	Trumpler_10	441.755	393406112	
134.3296360689	-40.77197106426	5620780583105889792	262.6259173094	3.1003470104	2.3976	0.0341	-12.203	0.048	6.256	0.053	-0.0224	-0.1704	-0.2103	0.0429	0.3171	0.139	-0.4034	0.3147	0.0016	0.0725	241	10.836229	0.386297	0.6	Trumpler_10	441.755	190933444	
131.44418693369	-42.26892799834	5524940140236635054	262.40376642	0.4816527606	2.1685	0.0783	-12.195	0.106	6.633	0.095	-0.0318	-0.2836	-0.058	0.2505	0.2274	0.3196	-0.2605	0.6626	-0.1128	-0.0573	119	10.9603	0.396138	1.0	Trumpler_10	441.755	28470283	
131.57813328291	-42.75860511072	5524175454268280352	262.8458659451	0.2503454917	1.876	0.0482	-12.378	0.08	6.712	0.085	-0.0379	-0.1363	-0.2371	0.0611	0.2203	0.0943	-0.4859	0.2727	-0.0511	0.0481	277	8.689833	-0.070053	1.0	Trumpler_10	441.755	28471488	
131.090550328	-42.60169838737	55241721381368119168	262.8378424886	0.4909862781	2.244	0.0475	-13.425	0.084	6.015	0.101	-0.0644	-0.0842	-0.235	0.0844	0.0239	0.0804	-0.4378	-0.0334	0.0549	0.177	8.667487	-0.066499	0.6	Trumpler_10	441.755	28709340		
130.774404658	-42.5996065226	5524178213041833472	262.7834038547	0.4265717511	2.2412	0.0391	-12.825	0.068	6.681	0.076	-0.0839	-0.0087	-0.1187	0.1451	0.1534	0.1	-0.4847	-0.1134	0.0048	0.0183	207	10.950428	0.414021	1.0	Trumpler_10	441.755	28705766	
131.89050132703	-42.4854375064	5524186150141895808	262.7786714857	0.6033823303	2.242	0.0439	-11.816	0.077	6.354	0.079	-0.0059	-0.0353	-0.1984	0.0520	0.225	0.0282	-0.3589	-0.1412	-0.2308	0.0987	262	8.051665	-0.06298	1.0	Trumpler_10	441.755	28709025	
133.05243133726	-43.00029217748	552392367440702592	263.7180081852	0.9374614354	2.3523	0.0334	-11.665	0.082	7.634	0.057	0.0851	-0.0618	-0.2941	0.0043	0.2706	0.0517	-0.3723	0.1429	-0.0554	0.198	242	10.102027	0.147285	0.3	Trumpler_10	441.755	29504836	
132.6974269103	-43.03833380808	5523932193014944906	263.5820852272	0.7130050438	2.1577	0.0359	-12.706	0.064	6.142	0.056	-0.0615	-0.1613	-0.2088	0.1268	0.2879	0.1869	-0.3548	0.2324	-0.0445	0.0593	233	10.094039	0.133998	0.9	Trumpler_10	441.755	29132053	
130.7664997959	-41.11612886742	552442651410742912	261.6120970679	1.3374982521	2.2191	0.03																						

26.9372923201	136.13919538907	343121986635452544	136.6213912357	-23.017000855	2.2198	0.0508	9.552	0.078	-12.14	0.099	-0.0115	0.5263	-0.1612	-0.0954	-0.2845	-0.0221	-0.0004	-0.0739	-0.0492	0.3976	123	10.305862	0.545116	0.9	NGC_752	448.35	67424542	
26.93049773125	37.98981429815	342922665794266624	136.989597738	-23.076780452	2.2486	0.0687	9.726	0.096	-11.946	0.13	0.0408	0.4116	-0.1755	0.0512	-0.5482	-0.5119	-0.7378	0.4996	0.6561	0.5995	123	11.968494	0.674665	1.0	NGC_752	448.35	67466695	
29.04297103455	37.74956565925	342912800253322240	136.8226290615	-23.3694731166	2.1111	0.054	9.816	0.083	-12.014	0.09	0.0939	0.4481	-0.1928	0.0118	-0.2203	-0.0739	-0.0129	0.1092	0.2177	0.3723	119	8.95473	0.556807	1.0	NGC_752	448.35	67424766	
29.23479558792	37.66425177142	34290789110682498	137.0071348734	-23.410699094	2.1994	0.0569	10.07	0.081	-11.448	0.092	0.248	0.5824	-0.2322	0.008	0.0714	-0.0382	0.0457	-0.0061	0.1062	0.3404	101	9.999259	0.603034	0.9	NGC_752	448.35	67466877	
29.26040743397	37.88539498191	342920501130956800	136.9625062596	-23.1924467346	2.192	0.0487	9.92	0.078	-11.857	0.078	0.1639	0.5507	-0.1208	-0.05	-0.1161	-0.2445	-0.2955	0.1368	0.2527	0.3982	119	11.211011	0.593479	1.0	NGC_752	448.35	67496782	
29.32130047371	37.435717504301	3428655251967871040	137.1474105679	-23.6115957791	2.1914	0.0397	9.718	0.074	-11.595	0.079	0.0473	0.3486	-0.0783	-0.0794	-0.0934	-0.06	0.0857	-0.106	0.0402	0.2041	139	10.077931	0.612635	1.0	NGC_752	448.35	67467015	
31.91176511003	36.3046842156	329824802247515768	139.6780169681	-24.0765185381	2.2133	0.0534	9.447	0.088	-11.58	0.086	0.1437	0.5444	-0.2195	0.0306	0.009	-0.0085	-0.199	0.0733	0.0755	0.2466	93	10.944173	0.690348	1.0	NGC_752	448.35	184654353	
29.33637545375	37.86196493001	342917610616684032	137.0322341629	-23.1985486294	2.1557	0.054	10.074	0.087	-11.032	0.076	0.1467	0.5715	-0.1845	0.076	0.1395	-0.0481	-0.2669	0.0962	0.2196	0.1016	97	10.0481	0.663447	0.9	NGC_752	448.35	67466776	
29.87342180322	36.26778876378	342906825954977792	137.3505170126	-22.6910418486	2.3176	0.0422	9.909	0.068	-11.673	0.068	0.1588	0.5325	-0.1994	0.1336	0.2596	0.1479	0.1161	-0.0274	0.0023	0.0549	126	11.226807	0.576171	1.0	NGC_752	448.35	67997478	
31.07859516633	38.14521492071	330082656711606144	138.3704786664	-22.531964237	2.2826	0.0686	9.618	0.11	-12.696	0.118	-0.4147	0.565	-0.5577	0.3563	-0.2612	0.3313	-0.4598	-0.0107	-0.1565	0.096	118	10.46748	0.558825	0.7	NGC_752	448.35	433000621	
29.01541347451	37.98949830263	342931503060658304	136.7294926208	-23.1446808786	2.2512	0.0446	9.606	0.075	-11.741	0.072	0.0054	0.5495	-0.1467	0.064	-0.1215	0.1548	0.2137	-0.0477	-0.0297	0.2663	134	11.339031	0.594984	1.0	NGC_752	448.35	67424627	
29.3461196495	37.98840822046	342920020093040644	137.0768798273	-23.0552659315	2.1861	0.0693	9.772	0.087	-11.956	0.091	-0.1169	0.5759	-0.3378	0.3042	-0.0495	0.1551	-0.4349	0.0398	-0.274	0.0167	104	9.966186	0.633125	1.0	NGC_752	448.35	67515700	
29.8475684666	37.70732207779	342540506062416256	136.7559735813	-23.4308659314	2.2341	0.0553	9.791	0.079	-11.961	0.085	0.1612	0.5769	-0.1694	0.052	0.1296	0.0091	0.2954	-0.1016	0.1158	0.1867	95	9.765413	0.650399	1.0	NGC_752	448.35	67424779	
28.67311584668	38.19163922416	343136417726532736	136.3896890065	-23.0216195686	2.3421	0.0551	10.082	0.078	-12.067	0.088	0.0382	0.5475	-0.1134	0.0513	-0.2259	-0.2048	-0.2906	0.1763	0.3528	0.3649	146	10.345235	0.542263	0.6	NGC_752	448.35	67390695	
28.56815440751	38.25988596048	3431403456174464	136.2827863228	-22.9774230066	2.0966	0.0772	9.944	0.106	-11.522	0.115	0.3529	0.7602	-0.1016	0.066	0.0367	0.1577	-0.0772	-0.053	0.0269	0.1273	0.3918	100	10.07092	0.634503	1.0	NGC_752	448.35	430329035
29.20255559522	37.48643577588	342484269893278264	137.0333337543	-23.5887276795	2.1821	0.0681	9.849	0.09	126	-12.146	0.158	0.3467	-0.1602	-0.3898	-0.4309	-0.4292	-0.4402	0.2424	0.5769	0.4654	103	10.412182	0.533693	1.0	NGC_752	448.35	10461878	
323.6710007843	48.70065117493	1978666183177550480	92.9350958415	-2.3688177734	3.3495	0.0385	-7.798	0.063	-19.954	0.064	-0.0967	0.0035	-0.0736	0.0493	0.4083	-0.0516	-0.2321	-0.2529	-0.1307	-0.1318	309	9.582127	0.264112	1.0	NGC_7092	299.63	387654764	
325.34942844057	48.33013182918	1978933265773713920	94.1767422555	-2.6317937239	3.2994	0.033	-8.39	0.055	-19.545	0.049	-0.1181	0.1879	-0.2249	-0.0587	0.4163	-0.1292	-0.263	-0.1649	0.002	-0.2928	372	10.011729	0.403562	0.5	NGC_7092	299.63	420953083	
322.9768374905	48.33934852893	1978633644483024384	92.351654479	-2.3229152641	3.3035	0.0616	-8.637	0.085	-19.255	0.102	-0.0421	0.2831	-0.1837	-0.0718	0.3563	-0.0666	-0.2504	-0.2172	-0.2805	-0.0775	221	9.485798	0.257495	0.5	NGC_7092	299.63	416976591	
324.48637205405	49.1968256295	1978743355145551104	93.1807262156	-1.9208903637	3.176	0.0382	-7.357	0.067	-19.296	0.064	0.0445	0.1889	-0.3182	-0.0933	0.3327	-0.1005	-0.3484	-0.0498	-0.0869	-0.1533	339	9.360905	0.210512	1.0	NGC_7092	299.63	417506112	
323.8055272252	47.8718364011	1978460471421230848	92.8233243306	-2.6235130975	3.3769	0.031	-7.627	0.081	-19.742	0.052	0.0163	0.1672	-0.2855	-0.0723	0.2873	-0.1217	-0.3576	-0.236	-0.0542	-0.0923	316	9.555397	0.226725	1.0	NGC_7092	299.63	365499511	
322.87714257574	48.27809141082	1978539979858700288	92.2613081193	-2.3225360951	3.3236	0.101	-6.716	0.18	-19.633	0.165	0.1127	0.1075	-0.2905	-0.2132	0.1799	-0.2321	-0.2005	-0.1695	-0.0862	-0.0285	370	9.727284	0.070351	0.8	NGC_7092	299.63	416978295	
323.27745494359	48.04493862554	1978435584959493632	92.2984684205	-2.6750726486	3.1976	0.0261	-7.72	0.07	-19.976	0.063	0.1913	0.1236	-0.4913	-0.2001	0.2399	-0.2109	-0.4444	0.0058	-0.0619	0.0087	334	8.843478	0.056095	1.0	NGC_7092	299.63	417267507	
323.0247356739	48.11149739343	1978346809490272960	92.21974718	-2.5115043306	3.3519	0.026	-7.49	0.048	-19.473	0.037	0.0245	0.1935	-0.3997	-0.0584	0.3382	-0.0985	-0.2849	-0.0646	-0.0514	-0.1605	380	10.530229	0.506505	1.0	NGC_7092	299.63	417209205	
323.25485593981	48.01349140716	1978441951520969856	92.416167357	-2.5251419427	3.2978	0.037	-7.525	0.057	-19.894	0.059	0.117	0.2479	-0.3255	-0.1047	0.3002	-0.1684	-0.2424	-0.1287	0.018	0.0658	290	9.667112	0.242149	1.0	NGC_7092	299.63	417268478	
323.07700758696	48.3421946278	1978634950173758976	92.4024128651	-2.36615121747	3.2958	0.0419	-7.314	0.068	-19.776	0.065	0.0479	0.2106	-0.1834	-0.0773	0.354	-0.1219	-0.2802	-0.137	0.0232	-0.1161	400	8.684649	0.047203	1.0	NGC_7092	299.63	417208407	
323.9599079109	48.48426916731	1978647762043764608	92.4306094208	-2.1983645063	3.2825	0.0419	-8.034	0.073	-19.271	0.074	0.0798	0.1646	-0.1324	-0.1545	0.0759	-0.1594	-0.2476	-0.1375	-0.0068	-0.0333	391	7.649933	0.004487	0.7	NGC_7092	299.63	416977327	
323.0610234237	48.6394171907	1978656218831726848	92.99699415	-2.1410737286	3.2854	0.0457	-7.646	0.073	-19.2	0.071	0.0425	0.1612	-0.2207	-0.0810	0.2113	-0.1381	-0.2744	-0.3289	-0.0511	-0.0056	358	8.242785	0.064701	1.0	NGC_7092	299.63	417206461	
323.94852553344	48.10816326636	19784044990404948096	92.6724067924	-2.9310688959	3.3802	0.0345	-7.826	0.062	-19.356	0.05	0.0057	0.2321	-0.0809	-0.0806	0.2679	-0.1214	-0.2401	-0.0962	-0.0147	-0.1768	372	9.369966	0.184503	1.0	NGC_7092	299.63	365502938	
321.0232969315	47.70640369774	1972563790561686400	90.968773804	-1.8780953227	3.2974	0.0455	-7.782	0.073	-19.971	0.082	-0.0024	0.1852	-0.2212	-0.1093	0.273	-0.0765	-0.3435	-0.0735	-0.2377	-0.1658	323	9.983098	0.049279	1.0	NGC_7092	299.63	266964506	
323.179740608	48.45306104362	1978641856481498752	92.5483186503	-2.3091607445	3.3551	0.0349	-7.722	0.057	-19.755	0.053	0.1314	0.3048	-0.2205	-0.1317	0.3037	-0.2016	-0.3266	-0.2771	0.0088	-0.0687	375	0.027802	0.094708	1.0	NGC_7092	299.63	417207345	
323.46384383151	49.13968583351	19786695904351262080	93.1313421061	-1.9529064843	3.4221	0.039	-7.883	0.067	-19.855	0.058	0.1339	0.1331	-0.5211	-0.1018	0.4395	-0.1621	-0.3274	-0.1131	0.0786	0.0361	313	9.058647	0.115335	1.0	NGC_7092	299.63	417506737	
324.28864367401	48.5575894111	19784644422791643136	93.1416630999	-2.749320665	3.4699	0.0338	-8.033	0.052	-19.89	0.056	0.0744	0.2065	-0.2625	-0.1167	0.3045	-0.1908	-0.2602	-0.1916	0.0845	-0.0173	307	9.685489	0.231098	0.8	NGC_7092	299.63	278070639	
324.01349140716	48.01349140716	19784728461400411912	91.2440845563	-1.7177280172	3.3926	0.0374	-7.627	0.069	-19.97	0.07	0.2014	0.0655	-0.402	-0.2390	0.0567	-0.2506	-0.3358	0.0094	0.0251	0.1125	285	9.434077	0.206859	1.0	NGC_7092	299.63	277719637	
320.98549810588	47.91340533376	2164720627379844224	91.0956758456	-1.7125491209	3.3106	0.0295	-7.159	0.058	-18.2026	0.056	0.0048	0.1846	-0.4564	-0.0028	0.1332	-0.0059	-0.172	0.0313	-0.0604	-0.0786	284	10.493963	0.518477	0.4	NGC_7092	299.63	266695399	
324.8426916731	48.3421946278	197864776204376460																										

269.15809171336	-34.67275176361	4042280699149581056	356.2520198096	-4.9355752829	3.42	0.0488	3.51	0.1	-4.798	0.079	0.411	0.08	-0.4302	-0.3818	-0.1936	-0.3552	-0.482	-0.2347	0.1999	0.4418	167	10.854518	0.686371	0.8	NGC_6475	280.081	259957615	
266.71961534005	-35.623232705613	4041052510331925504	354.4178214502	-3.6974669622	3.6051	0.058	2.513	0.101	-5.097	0.076	0.3658	-0.0267	-0.418	-0.3641	-0.4025	-0.2411	-0.5379	-0.2321	0.2733	0.2448	135	10.519561	0.62282	0.6	NGC_6475	280.081	112529502	
267.57143066966	-34.47805345182	4041629857011227136	355.7637941955	-3.708896293	3.6512	0.0729	1.726	0.118	-6.401	0.092	0.2109	-0.0412	-0.0112	-0.3977	-0.3515	-0.2676	-0.2188	-0.1312	0.2782	-0.0193	136	8.131106	1.138094	0.1	NGC_6475	280.081	44495908	
266.53696183136	-35.1143477857	4040787631100826966	355.5442898116	-4.5929625202	3.5349	0.0647	3.113	0.101	-5.172	0.081	0.1857	-0.4781	-0.125	-0.1583	-0.3287	-0.2015	-0.384	-0.1155	0.2558	0.0852	148	9.821623	0.41232	1.0	NGC_6475	280.081	256225681	
268.71460740627	-34.8431868685	4040774986711474688	355.9214799261	-4.7046742748	3.5619	0.077	3.153	0.123	-5.632	0.097	0.214	-0.1944	-0.2691	-0.1982	-0.4556	-0.0162	-0.4574	-0.2355	0.373	0.0529	153	9.40747	0.299006	1.0	NGC_6475	280.081	258570809	
266.95124067301	-36.62131778817	4040224784220336256	353.6314901328	-4.3296252979	3.6202	0.0486	2.208	0.111	-5.684	0.091	0.2118	-0.061	-0.4846	-0.1998	-0.0388	-0.1867	-0.5769	-0.0347	-	0.0249	0.029	128	11.041658	0.68957	0.9	NGC_6475	280.081	470103557
266.53696183136	-35.05805172717	4040748186105709440	355.6627803736	-4.6880844258	3.5066	0.0723	1.689	0.124	-5.375	0.101	0.2561	-0.2474	-0.166	-0.1488	-0.3917	-0.0441	-0.3927	-0.0775	0.3157	0.181	162	9.955632	0.515677	0.4	NGC_6475	280.081	257537232	
266.09674830868	-34.49784552182	4042287639818355072	356.3791383536	-4.804804006	3.677	0.0785	3.358	0.112	-4.877	0.1	0.0443	-0.2248	-0.0931	-0.0614	-0.4927	0.156	-0.4365	-0.2672	0.4849	0.0584	154	8.659019	1.079668	0.7	NGC_6475	280.081	259895653	
268.35776723209	-34.6438471519	4040842400545867008	355.9810731378	-4.3311564038	3.4798	0.0582	2.202	0.1	-4.469	0.08	0.251	-0.0916	-0.3395	-0.2314	-0.3742	-0.1172	-0.483	-0.2218	0.2895	0.1749	140	8.75949	0.380708	0.2	NGC_6475	280.081	256231610	
268.44583774982	-34.84637819889	40408007212166107136	355.8077805998	-4.5154080804	3.4443	0.0595	3.451	0.108	-5.706	0.091	0.4713	-0.1638	-0.2571	-0.3801	-0.3201	-0.2735	-0.4682	-0.1866	0.2194	0.3731	161	7.73745	0.090086	0.9	NGC_6475	280.081	257267214	
268.49746909091	-34.51000352221	4040841541553516672	356.1209088596	-4.3831527656	3.6074	0.079	2.581	0.126	-5.901	0.1	0.0752	0.051	-0.3574	-0.0736	-0.5418	0.1073	-0.5183	-0.3526	0.4632	0.0843	115	8.528035	0.275044	0.9	NGC_6475	280.081	257263094	
267.3125471421	-35.37812749821	4041428269393489408	354.9015496197	-4.0267886264	3.5061	0.079	2.921	0.118	-5.253	0.096	0.1337	-0.0567	-0.0559	-0.3907	-0.1505	-0.2467	-0.3333	-0.2660	0.3617	0.0526	146	7.304573	0.064907	0.9	NGC_6475	280.081	114487558	
268.61369322931	-34.7733732277	4040823159065802240	355.9361874191	-4.6004845414	3.6478	0.0685	2.499	0.113	-4.499	0.086	0.2207	-0.1368	-0.2754	-0.3552	-0.4813	-0.2041	-0.3506	-0.2087	0.2396	-0.0136	139	8.46443	0.311136	0.7	NGC_6475	280.081	257454062	
269.5118905437	-36.45343699545	4037427592356377472	354.8397284224	-6.0658311538	3.3713	0.0597	3.853	0.097	-5.56	0.078	0.2728	-0.1742	-0.3716	-0.3108	-0.3423	-0.1512	-0.5634	-0.2990	0.3011	0.1309	132	10.747292	0.68546	0.7	NGC_6475	280.081	112447780	
268.30902307602	-34.69302599853	4040818073842410112	355.884019259	-4.3411383618	3.6334	0.0617	3.125	0.115	-5.784	0.091	0.2421	-0.0741	-0.2933	-0.0827	-0.4541	-0.0035	-0.4874	-0.0948	0.3595	0.2086	130	10.588644	0.628038	0.9	NGC_6475	280.081	256230550	
266.94815457072	-34.31070274388	4041744652883812096	355.6413153814	-3.181276492	3.5265	0.0607	3.128	0.094	-5.041	0.074	0.2	-0.1333	-0.2516	-0.2397	-0.4901	-0.0887	-0.4698	-0.1935	0.3584	0.0425	167	6.909972	0.053458	0.9	NGC_6475	280.081	112766331	
268.24152310605	-34.35042317169	404160064686470208	356.1526125284	-4.1204123507	3.3926	0.0749	2.394	0.107	-5.015	0.081	0.0451	0.1225	-0.3784	-0.1863	-0.6395	-0.005	-0.4982	-0.2877	0.348	-0.0228	125	10.670878	0.653712	0.7	NGC_6475	280.081	2559454291	
267.06569155833	-35.08262844105	40414504644793637248	355.0382743225	-3.6751348518	3.5193	0.0561	3.256	0.117	-4.912	0.094	-0.3756	-0.2916	-0.5154	0.2924	-0.1506	0.3505	-0.6272	-0.0076	0.1619	-0.3753	136	10.911236	0.674026	1.0	NGC_6475	280.081	113514121	
268.84132890339	-34.01652029313	40423652241139721728	356.6920380352	-3.8817669247	3.458	0.0661	2.623	0.119	-4.911	0.094	0.3606	-0.1723	-0.4227	-0.3475	-0.2422	-0.2368	-0.5678	-0.2692	0.236	0.2372	121	9.325098	0.287514	1.0	NGC_6475	280.081	258881516	
268.94763195346	-35.31306657756	4040561544062706432	355.6026927446	-5.1067410406	3.6493	0.0707	2.463	0.109	-4.989	0.09	0.1072	-0.2399	-0.1189	-0.3057	-0.3484	-0.1337	-0.3635	-0.3077	0.3593	0.0616	128	8.495433	0.327856	0.7	NGC_6475	280.081	258724688	
270.2376539354	-34.96495735608	4042036882476008832	356.434574362	-5.8505978214	3.2323	0.0582	3.358	0.116	-4.449	0.098	0.2834	-0.1001	-0.3831	-0.2306	-0.3331	-0.1576	-0.5021	-0.1280	0.1206	0.1182	147	8.864208	0.379094	0.5	NGC_6475	280.081	264344624	
268.61369322931	-34.7733732277	4043120073193305984	356.7183513132	-4.2054561817	3.5638	0.0753	2.41	0.118	-5.157	0.101	0.2743	-0.2721	-0.0311	-0.2369	-0.352	-0.1178	-0.3607	-0.1751	0.3813	0.2901	147	7.639194	0.093359	0.6	NGC_6475	280.081	258434051	
268.72386545794	-35.08931890985	404074436539998720	355.7111933822	-4.83397243	3.6121	0.0582	3.756	0.12	-5.283	0.099	0.2558	-0.15	-0.2264	-0.2921	-0.1327	-0.2812	-0.3688	-0.0738	0.1622	0.3219	155	7.991561	0.122633	1.0	NGC_6475	280.081	258573629	
269.49557540329	-33.9497453938	4042377417463957888	357.020892058	-4.8191682987	3.6321	0.1108	2.399	0.216	-5.347	0.172	-0.4167	0.2882	-0.6377	0.4012	-0.721	0.5231	-0.7188	-0.4646	0.4955	-0.6406	112	8.186216	0.116123	0.9	NGC_6475	280.081	261322884	
268.6120072455	-33.3377252307	4040728601047703680	355.4531051239	-4.8774952327	3.5648	0.0513	3.401	0.101	-5.444	0.094	0.2473	-0.0384	-0.3922	-0.2318	-0.0781	-0.2348	-0.5422	-0.1167	0.1357	0.3142	139	10.051961	0.660608	1.0	NGC_6475	280.081	257242156	
269.06113946002	-34.92408730293	4040764193389548288	355.9933868778	-4.9914110664	3.6109	0.0869	2.937	0.141	-6.147	0.105	-0.2398	0.5125	-0.1734	-0.3402	-0.5916	-0.3643	-0.1125	0.0077	0.0164	0.0846	102	10.15473	0.552727	1.0	NGC_6475	280.081	259798577	
268.28867374341	-35.34896311977	4040737122663898888	355.30707832	-4.6569221601	3.7027	0.0485	2.937	0.091	-5.716	0.072	0.1179	-0.0481	-0.1153	-0.3929	-0.3002	-0.3656	-0.2127	-0.1015	0.2095	0.1783	177	10.553762	0.634235	0.9	NGC_6475	280.081	256222868	
268.0834368075	-34.97445273511	4040804085044179968	355.5466559232	-4.3232091425	3.5945	0.054	3.457	0.101	-4.966	0.083	0.1671	-0.1785	-0.2821	-0.2881	-0.1948	-0.2303	-0.4315	-0.2062	0.1667	0.1533	164	8.046345	0.079907	0.9	NGC_6475	280.081	444970605	
268.23514521474	-34.44606267476	4041595703418257152	356.0671777068	-4.1641520222	3.7077	0.0889	3.844	0.122	-4.982	0.099	0.2083	-0.1536	-0.0961	-0.2091	-0.4538	0.051	-0.3318	-0.0403	0.4127	0.2905	144	8.64383	0.204426	0.7	NGC_6475	280.081	256072570	
268.78348452737	-34.67566587617	4040345625003738640	354.5290518902	-5.1877154156	3.5435	0.0982	3.992	0.138	-4.949	0.116	0.2478	-0.314	-0.0029	-0.3195	-0.4145	-0.2574	-0.346	-0.3249	0.4165	0.1328	151	5.998535	0.182028	0.2	NGC_6475	280.081	246403601	
268.78529679692	-35.1503665151	4040754989335950592	355.6834973267	-4.908345729	3.6892	0.0578	3.051	0.121	-5.644	0.1	0.2393	-0.0239	-0.1051	-0.2608	-0.1748	-0.2578	-0.1319	-0.0982	0.1983	0.1367	154	8.56449	0.174819	0.9	NGC_6475	280.081	2560574314	
268.52251727546	-34.56292873304	4040841060516851328	356.0853972353	-4.4275738413	3.6865	0.0681	2.516	0.12	-4.517	0.082	0.1536	0.1715	-0.5516	-0.2955	-0.3324	-0.1523	-0.5807	-0.4815	0.2603	0.1068	135	10.446038	0.604217	0.7	NGC_6475	280.081	257263761	
269.16792407307	-34.9185861165	4042283173051119744	356.3347256648	-4.9167002263	3.5195	0.0637	3.134	0.113	-5.171	0.093	0.2231	-0.2587	-0.2192	-0.2153	-0.3311	-0.1107	-0.4069	-0.1593	0.241	0.1887	130	9.447245	0.517972	1.0	NGC_6475	280.081	259958531	
268.26293729474	-35.16476144963	4040786291071324288	355.4561496287	-4.5460497665	3.5355	0.0844	3.26	0.118	-5.543	0.097	0.4696	-0.5185	-0.0698	-0.3371	-0.4845	-0.047	-0.4834	-0.2713	0.326	0.1937	140	8.973621	0.156857	0.9	NGC_6475	280.081	256225098	
268.09517890741	-34.8316834182	4040766534212113152	356.0865076143	-4.9704361266	3.6041	0.0596	3.949	0.102	-4.948	0.093	0.2807	0.0126	-0.3448	-0.3278	-0.3681	-0.2888	-0.3814	-0.1291	0.1882	0.3006	125	9.53194	0.348738	0.3	NGC_6475	2		

129.995978942829	20.03135248812	664327128823010688	205.4736506939	32.5181934346	5.541	0.1042	-35.56	0.169	-16.355	0.104	-0.1451	-0.0765	-0.0044	0.1518	-0.1812	-0.0248	-0.1945	0.5566	-0.212	-0.1354	220	9.13425	0.535205	0.2	NGC_2632	186.185	175239543	
129.99700279792	19.7817828194	664845308634642556	204.8639863686	33.4240679219	5.392	0.0559	-37.546	0.092	-14.086	0.053	-0.2952	-0.3003	-0.4065	0.2099	0.3003	0.275	-0.7594	0.5662	-0.1564	-0.2147	407	8.761826	0.444832	1.0	NGC_2632	186.185	184873310	
129.99177721685	19.2017558102	66126577385280800	206.3933738696	32.2263806159	5.2706	0.0695	-36.766	0.104	-12.834	0.064	-0.5305	-0.4181	-0.384	0.2592	0.4569	0.4063	-0.279	0.677	-0.2985	-0.509	248	9.375382	0.564481	1.0	NGC_2632	186.185	175240196	
130.00243091427	19.80650064263	66131175254449008	205.7263895412	32.4464912966	5.3235	0.0668	-35.807	0.104	-12.854	0.063	-0.5346	-0.0837	-0.36	0.3972	0.0317	0.3119	-0.4668	0.6515	-0.3071	-0.5051	240	10.162404	0.6757	1.0	NGC_2632	186.185	175262801	
129.25829205969	19.80472834484	664286481252512256	205.6627118794	31.7194524772	5.0192	0.0969	-36.7	0.143	-13.142	0.097	-0.222	-0.4412	-0.2811	0.01	0.196	0.1321	-0.2581	0.5814	-0.1026	-0.3486	256	9.062223	0.617923	1.0	NGC_2632	186.185	195193262	
130.49398504317	19.26723328027	661221760091324544	206.4960135547	32.6452056382	5.4365	0.0667	-37.072	0.078	-13.157	0.048	-0.2927	-0.2383	-0.3211	0.1638	0.2002	0.1532	-0.6659	0.4514	-0.0872	-0.1269	321	10.041986	0.674253	1.0	NGC_2632	186.185	175290094	
129.95648797979	18.3473875347	659466222275521792	207.3214815456	31.8915977991	5.3072	0.0756	-34.908	0.12	-11.915	0.078	-0.6026	-0.0459	-0.288	0.339	0.2969	0.4335	-0.4766	0.6747	-0.3731	-0.569	219	9.027759	0.481041	1.0	NGC_2632	186.185	175240280	
130.63847164133	18.76091258484	66028863131147264	207.5369799312	33.5288926611	5.3569	0.0591	-37.354	0.097	-12.104	0.06	-0.5531	-0.5687	-0.6207	0.4656	0.4632	0.4697	-0.7941	0.636	-0.4203	-0.4746	340	9.078867	0.520556	1.0	NGC_2632	186.185	184917366	
132.39108300383	20.50803073723	661588004838893568	205.8471985644	34.7938179503	5.3977	0.0423	-38.112	0.072	-13.106	0.05	-0.3753	-0.1473	-0.3546	0.2514	0.1356	0.2721	-0.65	0.4347	-0.0934	-0.3453	330	9.225971	0.540646	1.0	NGC_2632	186.185	302922773	
131.26744414922	20.35768499156	661766778557840000	205.5918156102	33.751345049	5.5421	0.0462	-37.123	0.08	-13.497	0.05	-0.1777	-0.2859	-0.3992	0.0521	0.156	0.2295	-0.6424	0.4041	-0.0307	-0.1709	402	10.244328	0.691419	1.0	NGC_2632	186.185	184894422	
130.29432479559	19.82948169823	661305838371084288	205.8131983849	32.7121656448	5.3982	0.0404	-36.394	0.072	-13.167	0.044	-0.2483	-0.1961	-0.2901	0.1624	0.1238	0.1773	-0.5835	0.3975	-0.1234	-0.2532	338	8.944861	0.478542	1.0	NGC_2632	186.185	175269573	
130.53927627696	20.00433856416	664325543977630464	205.4822156174	32.4592775397	5.3923	0.2179	-36.641	0.047	-13.323	-0.167	-0.2048	-0.2618	-0.1963	-0.2069	0.2902	-0.0448	0.0903	-0.4342	0.6583	-0.2931	-0.3002	221	17.99936	-0.140526	1.0	NGC_2632	186.185	800953040
119.0139248504	-60.52421327242	529092987790694704	273.4862690966	-15.9691959454	2.3631	0.0301	-4.849	0.057	11.395	0.05	-0.0756	0.0448	-0.1127	-0.0309	0.4393	0.0701	-0.2289	0.2253	-0.1725	-0.1078	381	10.098889	0.267774	0.8	NGC_2516	114.628	358464975	
120.21369231071	-61.01923061836	5290747084103123712	274.2246439401	-15.6799521738	2.3188	0.0345	-5.424	0.061	10.738	0.056	-0.0115	0.1907	-0.0784	0.1442	0.4951	0.169	-0.3275	0.2456	-0.1772	-0.1335	399	10.28046	0.276369	0.4	NGC_2516	114.628	308307808	
118.01329646827	-60.99150692742	5290671286515023744	274.0040587605	-16.0238165005	2.3861	0.0293	-3.886	0.058	11.042	0.058	0.0467	0.1747	-0.1576	0.1638	0.0177	0.1703	0.0177	-0.0398	-0.2928	0.0781	256	10.802469	0.494408	0.9	NGC_2516	114.628	372913145	
119.03152166495	-60.7039004417	529073711977616640	273.6566074967	-16.043697475	2.4077	0.0359	-3.946	0.074	11.188	0.073	-0.1571	-0.1	-0.0681	0.2568	0.203	0.2135	-0.5472	0.2009	-0.0947	0.0557	246	10.576464	0.369291	0.6	NGC_2516	114.628	358464716	
121.139296069075	-61.34479131355	5289930181318610432	274.7422043966	-15.4425283656	2.3885	0.0396	-5.946	0.08	11.286	0.064	-0.0904	-0.3884	-0.6734	0.0937	0.3606	0.2042	-0.3569	0.5065	-0.1901	-0.0454	264	10.764917	0.411609	0.8	NGC_2516	114.628	308540747	
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120.60847834188	-60.60847834188	52900779608350801664	273.8286275324	-15.5222435778	2.4021	0.0349	-4.093	0.067	10.832	0.07	0.1931	0.075	-0.0993	0.043	0.0352	0.0676	-0.3329	0.3473	-0.0552	0.14	258	10.662677	0.403305	0.8	NGC_2516	114.628	308307266	
120.70676311192	-60.71587454508	529078097169484176	274.0607111166	-15.3240086701	2.3216	0.0242	-3.812	0.05	11.042	0.047	-0.0488	0.1188	-0.0519	0.1468	0.2537	0.2177	-0.41	0.1789	0.0361	-0.0861	370	10.809901	0.431957	0.5	NGC_2516	114.628	308403490	
119.81402292299	-60.880594289	529076361113683016	273.3913744863	-15.7807707463	2.3588	0.0425	-4.271	0.093	12.244	0.082	-0.1657	-0.117	0.2103	-0.0525	0.2402	-0.0021	-0.004	0.2102	-0.1336	-0.2351	342	9.91432	0.215764	0.5	NGC_2516	114.628	410451858	
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120.93418830622	-60.67193290416	52907705861635646556	273.8397124569	-15.6371493095	2.3494	0.0271	-5.579	0.054	11.254	0.051	0.0249	-0.0588	-0.0993	-0.031	0.277	0.0238	-0.2382	0.2222	-0.0744	0.0306	364	9.589365	0.334775	1.0	NGC_2516	114.628	410451583	
118.34297179647	-60.71500066645	52909012906061348656	273.5080918806	-16.349081771	2.3799	0.0231	-4.282	0.044	10.993	0.053	-0.0718	0.0351	-0.112	0.1687	0.2183	0.2274	-0.4502	0.2384	0.0443	-0.0853	339	10.69144	0.406041	0.4	NGC_2516	114.628	382577761	
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119.36862551693	-60.8399525645	5290721383017778896	273.8609526214	-15.9589875781	2.4062	0.0375	-5.014	0.087	11.385	0.066	-0.0448	-0.0991	0.1668	0.22	0.3615	0.2457	-0.078	0.1326	-0.0871	-0.0882	349	9.875088	0.329376	0.4	NGC_2516	114.628	372913344	
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119.6460005582	-60.58829232281	5290821060618951296	273.6759971183	-15.7137997941	2.2894	0.0411	-5.474	0.084	12.034	0.084	0.0522	-0.0365	-0.1347	0.0221	0.1813	0.0546	-0.0147	0.2109	-0.2195	0.0213	376	9.621723	0.172094	0.8	NGC_2516	114.628	364397956	
119.07377302074	-60.80835167948	529074103678705540	273.578074892	-15.961666652	2.4216	0.0236	-4.36	0.055	11.696	0.044	-0.0481	-0.0811	0.1816	-0.0896	0.2574	-0.0049	-0.3698	0.1847	0.041	-0.054	337	11.571679	0.65605	1.0	NGC_2516	114.628	358466725	
118.02733462429	-60.67373462429	52907006196007787760	274.7441499656	-16.58693236	2.4482	0.0289	-4.08	0.069	11.397	0.086	0.3033	-0.2374	-0.1555	-0.1564	-0.0742	-0.1192	-0.6149	0.0488	0.0771	0.3459	159	11.146509	0.551585	0.9	NGC_2516	114.628	382575736	
120.03054405131	-61.0308366768	5290749386201860480	274.1919678381	-15.7638221094	2.358	0.0343	-5.551	0.064	12.136	0.065	0.0049	0.0539	-0.3014	-0.0302	0.2115	-0.0234	-0.2027	0.1201	0.195	-0.1602	279	10.338718	0.533459	0.8	NGC_2516	114.628	410455044	
119.62328684587	-61.21174560698	52906806939520466556	273.9567621185	-16.6128472614	2.4416	0.0346	-4.814	0.06	11.545	0.083	0.0233	0.1572	0.0017	0.1913	0.2933	0.2566	-0.5095	0.39	0.114									

114.90409152686	-37.50653844781	5587009633215442816	251.4426878467	-7.4869610186	4.9393	0.0322	-19.819	0.049	15.975	0.06	0.0054	0.0107	-0.0029	0.0452	0.3339	0.0516	-0.3303	0.0778	-0.2747	0.0915	274	9.189624	0.346597	1.0	NGC_2451A	193.611	174664357
116.4349790004	-38.97105651028	553861902896645008	253.3228889891	-7.1417443544	4.9764	0.0417	-20.301	0.066	14.926	0.057	-0.2018	-0.3427	-0.3873	0.0759	0.5004	0.2707	-0.3658	0.481	-0.1073	-0.0599	244	9.04387	0.338764	1.0	NGC_2451A	193.611	175462992
115.32040030643	-37.89828576471	558682092634888672	251.9496258883	-7.3816224952	5.3248	0.0459	-21.469	0.077	15.371	0.078	-0.0228	-0.0188	-0.1556	0.0949	0.4092	0.158	-0.3354	0.1845	-0.2871	0.0821	250	8.877697	0.629155	1.0	NGC_2451A	193.611	174871069
118.2094011372	-40.01619373122	553760654714614016	254.9550346528	-6.4154125939	5.1337	0.0265	-23.173	0.044	15.365	0.051	-0.0345	-0.0753	-0.1374	0.0509	0.271	0.109	-0.2344	0.1674	0.0772	-0.0222	258	8.705238	0.547011	0.7	NGC_2451A	193.611	131644297
114.6030308098	-38.70515610209	5585202379685825408	252.3949331893	-8.2620397967	4.9891	0.0413	-19.375	0.065	17.472	0.073	-0.0417	-0.0787	-0.1472	0.1163	0.4166	0.148	-0.4378	0.1584	-0.2361	0.0534	244	8.078184	0.066676	0.5	NGC_2451A	193.611	174353256
114.90472353962	-38.0472067429	5586793476102798208	251.9179492929	-7.7430276019	5.1855	0.0285	-21.005	0.045	15.894	0.056	0.0443	0.0049	-0.1188	0.0548	0.271	0.0614	-0.4648	0.1617	-0.145	0.1516	231	9.876998	0.575045	1.0	NGC_2451A	193.611	174663004
95.76790479057	-38.90790649491	5538612258097337728	253.1585639518	-7.303647236	5.4075	0.0256	-22.889	0.043	16.407	0.05	-0.0184	-0.1689	-0.2951	0.0384	0.2312	0.0392	-0.4448	0.1504	-0.1433	0.0901	269	9.390586	0.502505	1.0	NGC_2451A	193.611	175302712
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114.5179202056	-36.45451109847	5585278928980969264	252.1367537903	-8.2056903755	5.0975	0.0282	-20.842	0.044	15.618	0.044	-0.0028	-0.0044	-0.219	0.0085	0.4016	0.0642	-0.0627	0.1425	-0.1113	0.0038	249	9.664076	0.519737	1.0	NGC_2451A	193.611	174465079
115.62419867895	-38.1079305322	5586755680389897216	252.2503992928	-7.2778451183	5.2068	0.033	-20.84	0.047	16.224	0.053	-0.0221	-0.0641	-0.0412	0.1668	0.4371	0.2446	-0.1999	0.2088	-0.1212	-0.0039	272	9.066472	0.388844	1.0	NGC_2451A	193.611	175021396
116.5703805728	-37.3990504729	5538855559407502080	251.9826340928	-6.3017652395	5.1432	0.0353	-20.761	0.058	14.605	0.052	0.0035	-0.0419	-0.4144	0.0307	0.4647	0.1435	-0.3249	0.2581	-0.0557	-0.0149	219	10.538746	0.692423	1.0	NGC_2451A	193.611	175522104
115.19275393996	-41.64006654396	5588530670115602688	249.00198219	-5.8854088009	5.2092	0.0334	-21.136	0.046	14.214	0.048	0.0101	-0.0224	-0.1634	0.055	0.5381	0.145	-0.2119	0.1814	-0.1428	0.0045	246	9.464732	0.480537	1.0	NGC_2451A	193.611	148923977
96.28295253462	-4.85831211937	3104421710381742720	214.2825822324	-8.0540436508	3.0045	0.0429	-4.859	0.074	-1.172	0.088	-0.1499	0.118	-0.1304	0.3145	-0.1016	0.2623	-0.1957	0.1694	0.0916	-0.1602	116	9.681715	0.174729	1.0	NGC_2232	325.627	42430711
97.56856464636	-5.26037058115	31041584761277179680	215.2261950879	-7.095758065	2.8686	0.0536	-4.846	0.095	-1.975	0.1	-0.2547	-0.1016	-0.3754	0.331	-0.2519	0.2449	-0.4507	0.2607	0.0593	-0.2698	141	9.815707	0.201781	0.9	NGC_2232	325.627	43242214
96.7817464458	-4.5465539209	31045473239586441344	214.2277235913	-7.4741423205	2.9946	0.0402	-4.482	0.063	-2.169	0.062	-0.1995	0.2876	-0.0364	0.186	-0.3963	0.0764	-0.2806	0.199	0.0822	-0.0261	154	9.58022	0.182458	1.0	NGC_2232	325.627	42755334
96.97904799057	-3.13662966976	3117085537415090688	213.0502207941	-6.661037359	3.1112	0.1345	-4.491	0.214	-2.452	0.202	0.1806	-0.3852	-0.2308	0.404	-0.4564	0.2727	-0.3063	0.2177	-0.0771	-0.0196	62	10.055219	0.310177	0.8	NGC_2232	325.627	42827654
96.81019469634	-5.30216259917	3104193321200477184	214.9213263675	-7.7890217139	3.1266	0.0384	-4.63	0.069	-1.63	0.069	0.113	0.0334	-0.315	0.0355	-0.2618	-0.0049	-0.4745	0.1456	0.0191	0.1912	130	11.268187	0.648011	1.0	NGC_2232	325.627	42759270
97.063987494	-36.45451109847	5585278928980969264	252.1367537903	-8.2056903755	5.0975	0.0282	-20.842	0.044	15.618	0.044	-0.0028	-0.0044	-0.219	0.0085	0.4016	0.0642	-0.0627	0.1425	-0.1113	0.0038	249	9.664076	0.519737	1.0	NGC_2451A	193.611	174465079
115.62419867895	-38.1079305322	5586755680389897216	252.2503992928	-7.2778451183	5.2068	0.033	-20.84	0.047	16.224	0.053	-0.0221	-0.0641	-0.0412	0.1668	0.4371	0.2446	-0.1999	0.2088	-0.1212	-0.0039	272	9.066472	0.388844	1.0	NGC_2451A	193.611	175021396
116.5703805728	-37.3990504729	5538855559407502080	251.9826340928	-6.3017652395	5.1432	0.0353	-20.761	0.058	14.605	0.052	0.0035	-0.0419	-0.4144	0.0307	0.4647	0.1435	-0.3249	0.2581	-0.0557	-0.0149	219	10.538746	0.692423	1.0	NGC_2451A	193.611	175522104
115.19275393996	-41.64006654396	5588530670115602688	249.00198219	-5.8854088009	5.2092	0.0334	-21.136	0.046	14.214	0.048	0.0101	-0.0224	-0.1634	0.055	0.5381	0.145	-0.2119	0.1814	-0.1428	0.0045	246	9.464732	0.480537	1.0	NGC_2451A	193.611	148923977
96.28295253462	-4.85831211937	3104421710381742720	214.2825822324	-8.0540436508	3.0045	0.0429	-4.859	0.074	-1.172	0.088	-0.1499	0.118	-0.1304	0.3145	-0.1016	0.2623	-0.1957	0.1694	0.0916	-0.1602	116	9.681715	0.174729	1.0	NGC_2232	325.627	42430711
97.56856464636	-5.26037058115	31041584761277179680	215.2261950879	-7.095758065	2.8686	0.0536	-4.846	0.095	-1.975	0.1	-0.2547	-0.1016	-0.3754	0.331	-0.2519	0.2449	-0.4507	0.2607	0.0593	-0.2698	141	9.815707	0.201781	0.9	NGC_2232	325.627	43242214
96.7817464458	-4.5465539209	31045473239586441344	214.2277235913	-7.4741423205	2.9946	0.0402	-4.482	0.063	-2.169	0.062	-0.1995	0.2876	-0.0364	0.186	-0.3963	0.0764	-0.2806	0.199	0.0822	-0.0261	154	9.58022	0.182458	1.0	NGC_2232	325.627	42755334
96.97904799057	-3.13662966976	3117085537415090688	213.0502207941	-6.661037359	3.1112	0.1345	-4.491	0.214	-2.452	0.202	0.1806	-0.3852	-0.2308	0.404	-0.4564	0.2727	-0.3063	0.2177	-0.0771	-0.0196	62	10.055219	0.310177	0.8	NGC_2232	325.627	42827654
96.81019469634	-5.30216259917	3104193321200477184	214.9213263675	-7.7890217139	3.1266	0.0384	-4.63	0.069	-1.63	0.069	0.113	0.0334	-0.315	0.0355	-0.2618	-0.0049	-0.4745	0.1456	0.0191	0.1912	130	11.268187	0.648011	1.0	NGC_2232	325.627	42759270
97.063987494	-36.45451109847	5585278928980969264	252.1367537903	-8.2056903755	5.0975	0.0282	-20.842	0.044	15.618	0.044	-0.0028	-0.0044	-0.219	0.0085	0.4016	0.0642	-0.0627	0.1425	-0.1113	0.0038	249	9.664076	0.519737	1.0	NGC_2451A	193.611	174465079
115.62419867895	-38.1079305322	5586755680389897216	252.2503992928	-7.2778451183	5.2068	0.033	-20.84	0.047	16.224	0.053	-0.0221	-0.0641	-0.0412	0.1668	0.4371	0.2446	-0.1999	0.2088	-0.1212	-0.0039	272	9.066472	0.388844	1.0	NGC_2451A	193.611	175021396
116.5703805728	-37.3990504729	5538855559407502080	251.9826340928	-6.3017652395	5.1432	0.0353	-20.761	0.058	14.605	0.052	0.0035	-0.0419	-0.4144	0.0307	0.4647	0.1435	-0.3249	0.2581	-0.0557	-0.0149	219	10.538746	0.692423	1.0	NGC_2451A	193.611	175522104
115.19275393996	-41.64006654396	5588530670115602688	249.00198219	-5.8854088009	5.2092	0.0334	-21.136	0.046	14.214	0.048	0.0101	-0.0224	-0.1634	0.055	0.5381	0.145	-0.2119	0.1814	-0.1428	0.0045	246	9.464732	0.480537	1.0	NGC_2451A	193.611	148923977
96.28295253462	-4.85831211937	3104421710381742720	214.2825822324	-8.0540436508	3.0045	0.0429	-4.859	0.074	-1.172	0.088	-0.1499	0.118	-0.1304	0.3145	-0.1016	0.2623	-0.1957	0.1694	0.0916	-0.1602	116	9.681715	0.174729	1.0	NGC_2232	325.627	42430711
97.56856464636	-5.26037058115	31041584761277179680	215.2261950879	-7.095758065	2.8686	0.0536	-4.846	0.095	-1.975	0.1	-0.2547	-0.1016	-0.3754	0.331	-0.2519	0.2449	-0.4507	0.2607	0.0593	-0.2698	141	9.815707	0.201781	0.9	NGC_2232	325.627	43242214
96.7817464458	-4.5465539209	31045473239586441344	214.2277235913	-7.4741423205	2.9946	0.0402	-4.482	0.063	-2.169	0.062	-0.1995	0.2876	-0.0364	0.186	-0.3963	0.0764	-0.2806	0.199	0.0822	-0.0261	154	9.58022	0.182458	1.0	NGC_2232	325.627	42755334
96.97904799057	-3.13662966976	3117085537415090688	213.0502207941	-6.661037359	3.1112	0.1345	-4.491	0.214	-2.452	0.202	0.1806	-0.3852	-0.2308	0.404	-0.4564	0.2727	-0.3063	0.2177	-0.0771	-0.0196	62	10.055219	0.310177	0.8	NGC_2232	325.627	42827654
96.81019469634	-5.30216259917	3104193321200477184	214.9213263675	-7.7890217139	3.1266	0.0384	-4.63	0.069	-1.63	0.069	0.113	0.0334	-0.315	0.0355	-0.2618	-0.0049	-0.4745	0.1456	0.0191	0.1912	130	11.268187	0.648011	1.0	NGC_2232		

49.6866949145	49.76984827748	436477460205283584	145.8603493354	-6.4294059008	5.5306	0.0525	23.568	0.119	-24.636	0.102	0.3534	0.0839	-0.131	-0.1217	-0.1097	-0.1162	-0.1194	-0.0129	-0.0488	0.3758	265	7.924273	0.186464	1.0	Melotte_20	174.886	117805788
58.41646792394	45.75901063486	244263590517629056	153.0004969679	-6.2073276567	5.3601	0.086	19.867	0.185	-26.422	0.124	0.1333	-0.0289	-0.2276	0.1563	-0.0205	0.0917	0.1869	0.2582	0.0069	0.0508	294	8.545716	0.271456	0.8	Melotte_20	174.886	347641774
51.19535501179	48.41155091868	441371528196382464	147.441467011	-7.026466783	5.7098	0.0422	21.99	0.101	-26.131	0.069	0.2317	0.0243	0.1345	0.0107	0.0094	-0.0073	0.2362	-0.287	-0.0404	0.1183	264	9.772757	0.669779	1.0	Melotte_20	174.886	252848021
50.80515315589	49.2131632328	441641698824102528	146.7785850457	-6.5014568078	5.244	0.1487	22.49	0.285	-24.19	0.236	0.2686	0.0938	-0.0214	0.1173	-0.1577	0.0238	0.2487	0.1968	0.1008	0.1415	300	5.275157	-0.089532	0.9	Melotte_20	174.886	253285846
50.94737615509	48.60431002091	435422586177333120	147.1954684191	-6.957567727	5.6564	0.0672	25.691	0.138	-24.476	0.105	0.3089	-0.0195	-0.1381	0.1324	0.0015	0.0789	0.2	0.2465	-0.0823	0.1519	268	8.960498	0.042178	0.9	Melotte_20	174.886	253289861
53.3428650036	47.42193382714	248986006119502336	149.2006775963	-7.0210233488	5.8517	0.0494	22.705	0.099	-26.767	0.087	0.3757	0.1233	-0.1271	0.0369	-0.0455	0.0215	0.0361	0.1428	-0.0234	0.3729	284	8.180765	0.216623	1.0	Melotte_20	174.886	65205162
52.45642358168	47.97672179716	249146556016627200	148.3884372709	-6.9111901632	5.8156	0.0462	19.86	0.116	-22.461	0.077	0.1824	-0.0835	0.1236	-0.0714	-0.1774	-0.0476	0.1298	-0.152	0.0899	0.0694	306	7.636821	0.176004	0.4	Melotte_20	174.886	401740965
48.45988555359	49.56877223106	436422484405649088	147.5227793907	-7.0203511042	5.7906	0.0447	24.807	0.086	-24.666	0.07	0.3395	-0.0964	-0.2772	0.0721	-0.1683	-0.0264	0.1286	0.3103	-0.0732	0.2171	322	7.122177	0.079695	1.0	Melotte_20	174.886	117400403
51.91251998611	49.59980808233	441582119038093568	147.163683647	-5.778902602	5.7044	0.0737	21.581	0.145	-25.681	0.103	0.2569	-0.0204	-0.0803	0.0974	-0.1322	0.0542	0.0796	0.2467	0.0182	0.1614	287	6.9126	-0.011304	1.0	Melotte_20	174.886	410706283
51.66989395359	48.77678164992	441383176152457984	147.4975259688	-6.5485345604	5.8901	0.0379	23.53	0.073	-24.951	0.06	0.3163	0.0208	-0.2878	-0.0773	0.0412	-0.0992	-0.0466	0.2723	0.047	0.2093	299	6.629821	0.657723	1.0	Melotte_20	174.886	354132998
51.372947514396	47.96721056637	243190982563599744	147.7896482506	-7.3297185387	5.6439	0.0331	21.41	0.069	-24.894	0.059	0.34	0.0305	-0.16	0.037	0.0131	0.0142	0.1331	0.0476	-0.1368	0.2518	328	9.1634	0.580531	1.0	Melotte_20	174.886	2528484778
51.98257015934	47.73581661154	24912652489405184	148.2618799252	-7.290941569	5.6379	0.0463	23.894	0.086	-26.655	0.072	0.3551	0.0924	-0.1014	0.1474	0.0247	0.0883	0.2236	0.2214	-0.0114	0.2327	314	7.231942	0.086548	1.0	Melotte_20	174.886	456168583
47.01621385437	52.21341067103	440153475475256752	143.1410587496	-5.2146838422	5.3402	0.0578	23.19	0.121	-22.671	0.108	0.2137	-0.2113	-0.3306	-0.0005	-0.14	-0.0493	0.0767	0.2755	-0.1177	0.1973	289	6.287501	-0.006478	0.9	Melotte_20	174.886	116688202
51.544366490406	48.22163699346	249199882330077312	147.7417695291	-7.0547911889	5.7397	0.0438	23.568	0.09	-25.756	0.069	0.3796	0.2136	0.0121	0.0209	0.0316	0.0414	0.1044	-0.0164	-0.1484	0.2614	281	8.47145	0.265055	1.0	Melotte_20	174.886	253695989
51.21716877892	47.91501553318	243185278842565376	147.731686993	-7.4312459186	5.4085	0.0477	22.55	0.087	-25.001	0.077	0.3035	0.161	-0.1955	0.073	0.1034	0.087	0.1342	0.1397	-0.2189	0.1996	304	7.60562	0.197321	1.0	Melotte_20	174.886	252848696
51.48924622332	49.12064351855	4411463612299313408	147.2047152256	-6.3302005296	6.0326	0.066	24.008	0.117	-26.87	0.108	0.3005	0.1535	-0.1204	0.1834	-0.0435	0.0782	0.2772	0.2512	0.1323	0.1878	303	6.059229	-0.101334	1.0	Melotte_20	174.886	644931654
49.65741185722	50.22207106318	4425500823139950080	145.6003172661	-6.0578642259	5.5846	0.1615	23.574	0.331	-24.407	0.284	0.1951	0.1214	-0.0217	0.1184	-0.0372	0.1273	0.2967	0.0382	-0.1137	0.1872	328	5.09996	-0.077075	1.0	Melotte_20	174.886	117805056
52.28461122136	48.18067126087	249164148203137920	148.1752046586	-6.8098928284	5.7902	0.0415	23.654	0.084	-26.852	0.07	0.2718	0.1154	-0.0928	0.0228	0.0688	0.0203	0.1753	-0.0482	-0.1453	0.2149	268	9.912576	0.69323	1.0	Melotte_20	174.886	458780465
49.78198309043	50.09486413333	442501619995081088	145.7367148331	-6.1223321193	5.8399	0.1792	23.58	0.358	-23.322	0.356	0.2898	0.1202	-0.2099	0.0281	-0.0172	0.0742	0.1747	-0.0647	-0.3117	0.3245	353	4.995555	-0.072528	0.8	Melotte_20	174.886	117805278
51.91574277512	47.93585464961	249056689926515200	151.0663207492	-4.4018491109	6.1301	0.0404	22.353	0.081	-29.566	0.055	0.7079	0.2366	-0.1405	0.0768	0.047	0.0718	-0.0663	0.2039	-0.0258	-0.0351	287	6.643585	0.666807	0.2	Melotte_20	174.886	892907381
51.70052518252	47.91599266909	249180572157175808	148.060804322	-7.2456883405	5.6337	0.0427	22.622	0.087	-24.095	0.074	0.2828	0.0516	-0.2555	0.0071	-0.0617	-0.0044	0.0304	0.1575	-0.1607	0.2454	322	7.696219	0.172269	1.0	Melotte_20	174.886	354175201
52.02057344111	51.27642432651	251450994948657152	148.0031280977	-1.1141553356	6.0244	0.0385	22.505	0.083	-27.965	0.066	-0.0287	0.1452	-0.1124	0.3536	-0.1632	0.0072	0.0972	-0.0703	-0.1063	0.0677	255	9.335396	0.6459	1.0	Melotte_20	174.886	428329056
54.12266080685	48.19251927131	249021589646744704	149.1730006653	-6.0897614605	5.9627	0.873	23.18	0.761	-28.361	0.706	0.6367	0.894	0.2006	-0.1398	0.6135	0.1075	0.0326	0.203	-0.1411	0.1508	180	4.112029	-0.006423	0.5	Melotte_20	174.886	285937814
53.40443278129	56.2632437596	449904174465904896	142.9374289835	1.8370738225	6.0416	0.0469	25.858	0.056	-23.932	0.065	0.0456	0.1855	-0.5001	0.2245	-0.0627	0.2116	-0.1954	-0.0503	0.27	0.3792	421	8.334099	0.368254	0.2	Melotte_20	174.886	316956033
52.01294439369	49.06275777525	44116161501150848	147.5227797685	-6.185297756	5.6334	0.2298	21.784	0.539	-26.036	0.038	0.1447	0.2554	-0.0224	-0.0192	-0.0207	-0.0296	0.0483	0.0241	0.0482	0.0423	302	4.924574	-0.11404	1.0	Melotte_20	174.886	644931654
47.9289239076	52.16353886418	445951990562023040	143.6505963554	-9.3738126765	5.5305	0.0452	23.609	0.092	-23.98	0.08	0.1859	-0.0232	-0.0495	0.1239	-0.0586	0.0879	0.1358	0.1589	-0.1319	0.0192	274	6.857275	0.052628	1.0	Melotte_20	174.886	117175631
54.5008777251	42.58273794607	237515473539619104	152.7653346726	-10.4381271854	5.3826	0.0703	20.371	0.129	-24.516	0.094	0.2941	0.133	-0.2034	0.0994	0.0573	0.0285	0.0564	0.0476	0.0888	0.1018	365	6.372261	-0.055448	1.0	Melotte_20	174.886	65490422
54.22870414428	48.82845015852	24947565389446272	148.8530341045	-5.5346770664	5.7746	0.0499	22.777	0.109	-26.69	0.075	0.0775	-0.009	-0.3619	-0.0233	-0.2292	0.006	0.0193	0.1328	-0.1969	0.2381	220	9.943663	0.694888	1.0	Melotte_20	174.886	449938952
56.36494935549	47.66023871621	248376141961388416	150.7004775246	-6.6081740699	5.4274	0.0505	20.396	0.113	-26.131	0.08	0.1133	0.1279	-0.2365	-0.038	-0.0376	-0.0497	0.0126	0.0975	0.0643	0.1193	301	7.150972	0.00232	1.0	Melotte_20	174.886	431950696
51.1044663841	50.32618673595	44166231605674172	146.322771474	-5.4667157896	5.8498	0.0872	21.824	0.209	-25.285	0.16	0.4175	-0.0719	-0.1716	-0.0284	-0.0187	-0.0446	0.0724	0.0133	0.0058	0.382	277	9.015683	0.639068	0.9	Melotte_20	174.886	252844796
52.35967350963	46.93775521816	24288933420659968	148.9317916222	-7.801988548	5.8881	0.0585	23.201	0.141	-25.706	0.1	0.2288	-0.2089	-0.0852	0.0266	0.1748	-0.01	0.0724	0.1707	-0.1707	0.0499	313	6.163209	0.221393	1.0	Melotte_20	174.886	456204154
53.93850890848	47.09091679088	249128111302669852	149.7568516223	-7.0330347138	5.4677	0.054	22.609	0.101	-25.934	0.086	0.2735	0.2519	-0.0948	0.0766	0.0482	0.0935	0.1627	0.0708	-0.1011	0.2352	298	6.85235	-0.009861	1.0	Melotte_20	174.886	65352036
280.19039436943	5.79347823069	428552864767088320	66.8870749837	5.0060660312	2.1578	0.034	1.334	0.061	-4.688	0.062	0.1517	0.0103	-0.3809	-0.1534	-0.2413	-0.0894	-0.4387	-0.2334	0.1008	0.1419	163	11.75631	0.694507	1.0	IC_4756	447.487	109020892
52.062997957	6.49148317572	4286389735242547584	37.1310670276	6.0745800505	2.0806	0.0394	1.044	0.059	-4.833	0.063	0.1003	-0.1839	-0.1992	-0.0692	-0.3562	0.0561	-0.3443	-0.2616	0.179	0.0606	158	11.557136	0.689066	1.0	IC_4756	447.487	321875940
52.8769037513	9.95440075813	428555050195809136	36.8901331808	5.3569838862	2.0519	0.0413	1.185	0.075	-4.995	0.067	0.0054	-0.1802	-0.3643	0.071	-0.3871	0.0393	-0.3312	0.042	-0.1014	-0.2684	159	11.554284	0.646802	1.0	IC_4756	447.487	108554705
56.4964582506	5.4964582506	4283966201506515808	36.																								

160.87267344395	-64.0684313521	5239858731061896448	289.4940229502	-4.5871348135	6.5702	0.034	-18.323	0.062	10.129	0.059	0.0786	-0.0395	-0.3551	-0.1085	0.224	-0.0903	-0.3419	0.1124	0.0269	0.0199	282	7.570283	0.057926	1.0	IC_2602	152.184	390759555
160.640693445	-64.39876281978	5239823787206180352	289.5485310378	-4.9331734099	6.4431	0.0441	-17.495	0.078	11.074	0.074	-0.2367	-0.1205	-0.5734	0.2201	0.2099	0.2773	-0.4759	0.2648	0.1289	-0.2256	262	7.242687	0.00227	1.0	IC_2602	152.184	390442052
161.54104262314	-64.59535370605	5238905622247363008	289.9985258261	-4.9170865619	6.5165	0.0308	-17.842	0.054	10.899	0.052	0.0075	-0.1253	-0.4507	-0.0236	0.0374	0.0052	-0.3249	0.2675	0.1145	0.0714	281	7.817974	1.130068	1.0	IC_2602	152.184	391345891
159.76023201976	-52.974900928256	5239740808435241344	289.5101620769	-5.612010416	6.4654	0.0349	-16.844	0.059	10.693	0.057	-0.1309	-0.0524	-0.3525	0.1101	0.2981	0.18	-0.2479	0.2932	-0.0094	-0.1978	316	7.550628	0.044158	1.0	IC_2602	152.184	481125245
160.27655620236	-64.4733335661	5239689107704799744	289.4601089078	-5.067319239	6.4906	0.0342	-17.206	0.065	10.687	0.062	-0.106	-0.1516	-0.492	0.1088	0.1847	0.1666	-0.4396	0.2145	0.1271	-0.1368	281	6.888366	-0.05147	1.0	IC_2602	152.184	389989825
158.87171420864	-65.08325705783	5239736204230183680	289.6067639429	-5.6824200533	6.563	0.0311	-15.807	0.053	10.737	0.05	-0.0535	0.0313	-0.3419	0.1125	0.2382	0.1587	-0.2642	0.2791	0.0827	-0.1598	243	9.217761	0.573709	1.0	IC_2602	152.184	464907721
161.61369588493	-52.96758004455	5253965714497322240	289.5901232275	-2.88967819	6.7192	0.0322	-17.478	0.057	9.781	0.049	0.0548	-0.1339	-0.2822	0.0599	0.451	0.1604	-0.0701	0.1706	0.0266	0.2502	261	9.511748	0.643426	1.0	IC_2602	152.184	460297171
162.691374894342	-64.22912834585	5239841340705826960	289.7608398251	-4.6276598743	6.4335	0.073	-18.212	0.114	10.42	0.111	0.1135	-0.116	-0.2085	0.0431	0.158	0.0822	-0.0327	0.2628	0.1287	0.0226	249	9.043457	0.611085	1.0	IC_2602	152.184	391251375
162.691374894342	-64.47941341786	5239637363586175232	290.3869290703	-4.5879678703	6.5069	0.0468	-18.321	0.08	9.551	0.076	0.0014	-0.1098	-0.4278	0.0472	0.211	0.0064	-0.3887	0.178	0.145	0.0429	249	7.712773	0.161801	1.0	IC_2602	152.184	465107704
161.56878408634	-64.51451449201	5239810318189195776	289.9713820321	-4.8397950503	6.4138	0.1065	-16.19	0.196	10.854	0.176	-0.1348	-0.19	-0.2863	0.1485	0.1244	0.1586	-0.0133	0.2272	-0.0203	-0.1725	354	5.28402	-0.131976	1.0	IC_2602	152.184	391346342
163.97263012508	-52.97263012508	5241132584007693312	290.5243637892	-3.9553959795	6.6685	0.031	-18.951	0.051	9.551	0.045	-0.0213	-0.2883	-0.3968	-0.1332	0.1877	-0.0216	-0.2115	0.2697	0.244	0.0686	252	8.956378	0.542397	1.0	IC_2602	152.184	465470793
160.39622476396	-64.10634710849	5239883951112377984	289.3284406937	-4.7196148626	6.4794	0.0431	-17.406	0.081	10.212	0.071	-0.1284	-0.0274	-0.3632	0.063	0.1532	0.0828	-0.194	0.1939	0.1082	-0.1485	243	7.143552	0.008077	1.0	IC_2602	152.184	390356435
129.59450570327	-53.7216665605	5318077919506823520	270.7236750394	-7.5059635567	6.7722	0.0369	-24.071	0.076	24.407	0.063	0.0398	-0.1465	-0.3822	-0.007	0.3127	0.067	-0.2787	0.2019	-0.0149	0.1319	272	7.628915	0.102392	1.0	IC_2391	151.584	93270207
130.00661198024	-52.70338361377	5318567958108696944	270.0508205894	-6.7003960013	6.8365	0.028	-24.571	0.057	23.381	0.053	-0.0463	-0.0779	-0.317	0.0299	0.314	0.0553	-0.3916	0.09	-0.0145	0.0299	255	8.472553	0.343439	1.0	IC_2391	151.584	93546492
130.82441718002	-52.80301906321	531856999989293248	270.2740685606	-6.2454599087	6.5242	0.0328	-24.651	0.051	22.758	0.048	-0.1	-0.1082	-0.0994	0.0742	0.5232	0.2141	-0.0724	0.277	0.022	-0.0147	215	8.034834	0.53554	1.0	IC_2391	151.584	94103094
150.54129959566	-52.96758004455	5318499822745556992	270.45946827	-6.6036236879	6.6346	0.0386	-25.688	0.071	23.531	0.082	-0.0092	-0.0105	-0.2722	0.1905	0.1715	0.2103	-0.2772	0.101	-0.0484	0.0221	208	7.357514	0.015083	1.0	IC_2391	151.584	93912195
129.81807196859	-52.31373632072	5321582715910437376	269.6683990443	-6.5568232483	6.6728	0.0444	-23.845	0.087	22.427	0.093	0.0543	0.0302	-0.0821	0.0296	0.2729	0.0603	-0.0984	0.1023	-0.0609	0.1016	253	8.430189	0.289671	1.0	IC_2391	151.584	93275805
150.54129959566	-52.96758004455	5318499822745556992	270.45946827	-6.6036236879	6.6346	0.0386	-25.688	0.071	23.531	0.082	-0.0092	-0.0105	-0.2722	0.1905	0.1715	0.2103	-0.2772	0.101	-0.0484	0.0221	208	7.357514	0.015083	1.0	IC_2391	151.584	93912195
129.81807196859	-52.31373632072	5321582715910437376	269.6683990443	-6.5568232483	6.6728	0.0444	-23.845	0.087	22.427	0.093	0.0543	0.0302	-0.0821	0.0296	0.2729	0.0603	-0.0984	0.1023	-0.0609	0.1016	253	8.430189	0.289671	1.0	IC_2391	151.584	93275805
130.20201485528	-52.96758004455	5318499822745556992	270.45946827	-6.6036236879	6.6346	0.0386	-25.688	0.071	23.531	0.082	-0.0092	-0.0105	-0.2722	0.1905	0.1715	0.2103	-0.2772	0.101	-0.0484	0.0221	208	7.357514	0.015083	1.0	IC_2391	151.584	93912195
130.20201485528	-52.96758004455	5318499822745556992	270.45946827	-6.6036236879	6.6346	0.0386	-25.688	0.071	23.531	0.082	-0.0092	-0.0105	-0.2722	0.1905	0.1715	0.2103	-0.2772	0.101	-0.0484	0.0221	208	7.357514	0.015083	1.0	IC_2391	151.584	93912195
130.20201485528	-52.96758004455	5318499822745556992	270.45946827	-6.6036236879	6.6346	0.0386	-25.688	0.071	23.531	0.082	-0.0092	-0.0105	-0.2722	0.1905	0.1715	0.2103	-0.2772	0.101	-0.0484	0.0221	208	7.357514	0.015083	1.0	IC_2391	151.584	93912195
130.20201485528	-52.96758004455	5318499822745556992	270.45946827	-6.6036236879	6.6346	0.0386	-25.688	0.071	23.531	0.082	-0.0092	-0.0105	-0.2722	0.1905	0.1715	0.2103	-0.2772	0.101	-0.0484	0.0221	208	7.357514	0.015083	1.0	IC_2391	151.584	93912195
130.20201485528	-52.96758004455	5318499822745556992	270.45946827	-6.6036236879	6.6346	0.0386	-25.688	0.071	23.531	0.082	-0.0092	-0.0105	-0.2722	0.1905	0.1715	0.2103	-0.2772	0.101	-0.0484	0.0221	208	7.357514	0.015083	1.0	IC_2391	151.584	93912195
130.20201485528	-52.96758004455	5318499822745556992	270.45946827	-6.6036236879	6.6346	0.0386	-25.688	0.071	23.531	0.082	-0.0092	-0.0105	-0.2722	0.1905	0.1715	0.2103	-0.2772	0.101	-0.0484	0.0221	208	7.357514	0.015083	1.0	IC_2391	151.584	93912195
130.20201485528	-52.96758004455	5318499822745556992	270.45946827	-6.6036236879	6.6346	0.0386	-25.688	0.071	23.531	0.082	-0.0092	-0.0105	-0.2722	0.1905	0.1715	0.2103	-0.2772	0.101	-0.0484	0.0221	208	7.357514	0.015083	1.0	IC_2391	151.584	93912195
130.20201485528	-52.96758004455	5318499822745556992	270.45946827	-6.6036236879	6.6346	0.0386	-25.688	0.071	23.531	0.082	-0.0092	-0.0105	-0.2722	0.1905	0.1715	0.2103	-0.2772	0.101	-0.0484	0.0221	208	7.357514	0.015083	1.0	IC_2391	151.584	93912195
130.20201485528	-52.96758004455	5318499822745556992	270.45946827	-6.6036236879	6.6346	0.0386	-25.688	0.071	23.531	0.082	-0.0092	-0.0105	-0.2722	0.1905	0.1715	0.2103	-0.2772	0.101	-0.0484	0.0221	208	7.357514	0.015083	1.0	IC_2391	151.584	93912195
130.20201485528	-52.96758004455	5318499822745556992	270.45946827	-6.6036236879	6.6346	0.0386	-25.688	0.071	23.531	0.082	-0.0092	-0.0105	-0.2722	0.1905	0.1715	0.2103	-0.2772	0.101	-0.0484	0.0221	208	7.357514	0.015083	1.0	IC_2391	151.584	93912195
130.20201485528	-52.96758004455	5318499822745556992	270.45946827	-6.6036236879	6.6346	0.0386	-25.688	0.071	23.531	0.082	-0.0092	-0.0105	-0.2722	0.1905	0.1715	0.2103	-0.2772	0.101	-0.0484	0.0221	208	7.357514	0.015083	1.0	IC_2391	151.584	93912195
130.20201485528	-52.96758004455	5318499822745556992	270.45946827	-6.6036236879	6.6346	0.0386	-25.688	0.071	23.531	0.082	-0.0092	-0.0105	-0.2722	0.1905	0.1715	0.2103	-0.2772	0.101	-0.0484	0.0221	208	7.357514	0.015083	1.0	IC_2391	151.584	93912195
130.20201485528	-52.96758004455	5318499822745556992	270.45946827	-6.6036236879	6.6346	0.0386	-25.688	0.071	23.531	0.082	-0.0092	-0.0105	-0.2722	0.1905	0.1715	0.2103	-0.2772	0.101	-0.0484	0.0221	208	7.357514	0.015083	1.0	IC_2391	151.584	93912195
130.20201485528	-52.96758004455	5318499822745556992	270.45946827	-6.6036236879	6.6346	0.0386	-25.688	0.071	23.531	0.082	-0.0092	-0.0105	-0.2722	0.1905	0.1715	0.2103	-0.2772	0.101	-0.0484	0.0221	208	7.357514	0.015083	1.0	IC_2391	151.584	93912195
130.20201485528	-52.96758004455	5318499822745556992	270.45946827	-6.6036236879	6.6346	0.0386	-25.688	0.071	23.531	0.082	-0.0092	-0.0105	-0.2722	0.1905	0.1715	0.2103	-0.2772	0.101	-0.0484	0.0221	208	7.357514	0.015083	1.0	IC_2391	151.584	93912195
130.20201485528	-52.96758004455	5318499822745556992	270.45946827	-6.6036236879	6.6346	0.0386	-25.688	0.071	23.531	0.082	-0.0092	-0.0105	-0.2722	0.1905	0.1715	0.2103	-0.2772	0.101	-0.0484	0.0221	208	7.357514	0.015083	1.0	IC_2391	151.584	9

0.23066830028	-30.06415715856	2320850144638182912	15.1279626294	-78.5368330217	4.3249	0.0747	18.495	0.108	2.429	0.077	-0.1134	0.539	0.3467	-0.1935	-0.175	-0.1057	0.098	0.0691	-0.2415	0.0355	220	8.403922	0.022566	1.0	Blanco_1	237.192	270481537
1.22230539856	-30.25659484058	2320610721685102336	13.1493091305	-79.3293514816	4.2718	0.1256	18.096	0.14	2.903	0.111	-0.2345	0.6061	0.4482	-0.2992	-0.393	-0.0989	0.2096	-0.018	-0.3729	0.0541	231	8.297793	0.034585	1.0	Blanco_1	237.192	70775391
0.51728337984	-30.68822046682	2314758575341270912	11.7849681054	-78.6329161802	4.1991	0.0709	17.757	0.107	1.999	0.1	0.0824	0.384	0.226	-0.0185	-0.1497	0.1030	0.3576	0.0108	-0.2848	0.1686	225	8.965796	0.134546	1.0	Blanco_1	237.192	70742281
1.78261765376	-30.58155747673	2320543106016065920	10.8245665181	-79.7138599452	4.0102	0.0631	17.28	0.117	2.696	0.074	-0.084	0.2448	0.2986	-0.1449	-0.233	-0.0801	0.1883	-0.0871	-0.2869	0.0462	233	8.650928	0.069859	0.9	Blanco_1	237.192	70787927
0.87084865579	-30.32421563865	2320776644862564960	13.1928468535	-79.0185408872	4.0013	0.0667	18.115	0.107	2.061	0.103	0.1968	0.4201	0.1306	0.1651	0.1599	0.2824	0.6206	0.2491	-0.0279	0.2293	118	10.506609	0.589032	1.0	Blanco_1	237.192	70783031
-0.74654656398	-27.92326033298	2334037755821224576	26.0241734569	-77.9142130096	4.2008	0.0472	19.18	0.081	1.929	0.052	-0.1421	0.3286	0.2099	-0.178	-0.3782	0.0015	0.3092	-0.0628	-0.4698	0.05	235	10.340158	0.59075	1.0	Blanco_1	237.192	65259588
1.36157914448	-30.29012008234	2320612753205684080	12.8108995471	-79.437538443	4.0835	0.0646	18.419	0.096	2.526	0.064	-0.108	0.5395	0.4827	-0.2754	-0.0426	-0.1359	0.1128	-0.0022	-0.3763	-0.0107	259	9.661224	0.378462	1.0	Blanco_1	237.192	70775534
0.85171986664	-29.81372419716	2320869729688113536	15.8382630074	-79.1142528466	4.0998	0.1092	18.392	0.14	2.805	0.087	-0.0096	0.6577	0.2377	-0.3539	-0.0166	-0.1121	0.2507	-0.0185	-0.4305	0.0051	102	10.540326	0.638749	1.0	Blanco_1	237.192	12359081
0.88296316395	-29.7179778591	2320877220112116224	16.3089708115	-79.1593439076	4.1405	0.0339	19.122	0.06	3.505	0.051	0.1582	0.2831	0.2861	-0.0181	0.0283	0.0416	0.1775	0.0367	-0.2131	0.1651	222	10.053291	0.534108	1.0	Blanco_1	237.192	12359092
1.73241408632	-30.60306550367	2320542590619990912	10.6724356691	-79.6604823192	4.1179	0.0571	17.624	0.104	3.338	0.082	-0.0053	0.3798	0.2894	0.0528	0.049	0.0730	0.4242	0.0379	-0.0135	0.0717	218	10.137296	0.540952	1.0	Blanco_1	237.192	70787920
2.00801371436	-30.03167068649	2320702191604400384	13.4337453013	-80.0432519782	4.211	0.0449	18.445	0.074	3.001	0.069	0.0085	0.2006	0.4242	-0.0233	-0.2579	0.0280	0.2337	-0.108	-0.2095	0.1591	255	9.699625	0.411666	1.0	Blanco_1	237.192	70797886
0.59024602148	-30.13932833066	2320793897745374208	14.4192866177	-78.8250692722	4.1544	0.0781	18.121	0.08	2.74	0.071	-0.1215	0.6894	0.2016	-0.2401	-0.2196	0.0939	0.4574	0.0321	-0.4354	0.0893	182	10.615004	0.633932	1.0	Blanco_1	237.192	70744181
0.36956967233	-30.20582594298	2320833445805349760	14.3005213924	-78.6243729496	4.3184	0.109	18.089	0.118	2.304	0.124	-0.3083	0.4862	0.0863	-0.3103	-0.6306	0.1308	0.6692	-0.0477	-0.7544	0.1132	159	10.729133	0.631354	1.0	Blanco_1	237.192	70742055
1.42908118192	-29.96061449249	23209020622020556544	14.4916454577	-79.5727009232	4.2243	0.0363	18.722	0.062	3.06	0.048	0.0078	0.4069	0.2037	-0.0757	-0.1206	0.0050	0.0084	-0.0276	-0.2189	0.115	276	9.8398	0.450324	1.0	Blanco_1	237.192	12393868
1.13829584696	-29.64110986177	2320925564263593088	16.489623706	-79.3917003625	4.1912	0.0431	18.967	0.068	3.153	0.064	0.0405	0.3238	0.1359	-0.0104	-0.2727	0.1188	0.464	0.0081	-0.3228	0.1947	245	10.92806	0.675262	1.0	Blanco_1	237.192	12377891
0.49072402281	-30.15795505584	2320834751475408128	14.4222449384	-78.7370190717	4.1832	0.1133	18.003	0.103	2.327	0.112	0.4511	0.7874	0.5607	0.1478	0.4136	0.3607	0.6278	0.3855	0.0224	0.2914	141	9.881991	0.457332	1.0	Blanco_1	237.192	70742161

AbsMag	Sector	120s Data	200s Data	200s QLP Data	600s TESS-SPOC Data	600s QLP Data	1800s TESS-SPOC Data	1800s QLP Data	HighestFrequency	HighestAmplitude	AverageNoise	Skewness	num sectors	SNR	log10Skewness	Period	Delta Scuti	Close/eclipsing binary
2.12092963117594	35.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	66.7618465715857	2.63327034613177	0.0207625773718097	25.9382333324224	4	126.827719843062	1.41394039271153	0.014980858977	1	
2.16066663117593	35.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	60.6436175067868	0.098986754689568	0.0187254991727434	0.655849309082193	4	4.80087360343502	-0.183195934636357	0.0164887814661	1	
2.20849663117594	35.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	60.5300424290368	1.16587411042317	0.0189484952377288	22.1650678183624	4	61.52858555678421	1.34568906444463	0.0165207219405	1	
2.21356263117593	35.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	59.9410602522455	0.669714690389727	0.02015502917552786	11.9021704515791	5	33.2359798321177	1.07562616555263	0.01686305491748	1	
1.81708563117593		0.0	1.0	0.0	0.0	0.0	0.0	0.0	52.365855705869	0.218733210708777	0.0107686764089788	6.13478770019639	4	20.3116093545655	0.78779953617421	0.0109064128221	1	
2.12809563117593	35.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	50.78152777006365	0.368357242427943	0.01940959508716338	4.61626507876455	5	18.9781044260072	0.66429262063905	0.0196922000042	1	
2.26414363117593	35.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	49.1458663262514	1.40542055010156	0.0200636687813098	20.9121201745094	4	70.0480338576348	1.32023980659794	0.0203475953977	1	
2.44807763117593	35.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	47.183405922738500	1.65096406067108	0.02171179670957428	21.9798274330905	4	76.0183516897724	1.34202427839	0.021193891802501	1	
2.43005863117593		0.0	0.0	1.0	0.0	0.0	0.0	0.0	42.5647868462506	0.978917172609583	0.0259124453332079	12.7824376936866	5	37.8164684684633	1.1066136844923	0.0234935982086	1	
2.52376663117594	35.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	40.7650040340439	0.641352214494881	0.0215449023429757	9.54901714554576	4	29.7681653082072	0.97995867313009	0.0245308451132	1	
1.98705963117594		0.0	1.0	0.0	0.0	0.0	0.0	0.0	35.2116528105779	0.813332654189638	0.015401357317266	15.5045953567607	4	52.822140111628000	1.1904604363831	0.02839968931261	1	
1.92187263117593		0.0	1.0	0.0	0.0	0.0	0.0	0.0	33.3377527013205	3.82333373737687	0.014910768002252	41.9201544706892	5	256.414396864252	1.6224228743012	0.0299960320961	1	
1.80232563117593		0.0	1.0	0.0	0.0	0.0	0.0	0.0	32.7026729214116	0.884877438112297	0.0096379452134906	26.0605901404149	5	91.8118352532627	1.4159844240509	0.0305785402436	1	
2.45627963117594	35.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	31.7151633939643	0.207873847119584	0.0213814150496377	1.02842680725437	4	9.72217445689568	0.01217338855708	0.031530658934	1	
2.26990363117593	35.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	25.3418974727192	1.72315632175932	0.0205808787712685	19.1250679169845	4	83.7256741241522	1.2816029860959	0.0394603443202	1	
3.02342363117593		0.0	0.0	0.0	0.0	1.0	0.0	0.0	23.3758917621509	1.26528995010209	0.076484759566849	3.6847418489423500	4	16.5430336352983	0.566407066620022	0.0427791116629	1	
2.48022463117593	35.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	23.3751889166043	1.00574681052899	0.0171742487146425	16.4084692070336	4	58.5613279066761	1.2150680663701	0.0427804029122	1	
2.63866563117593	35.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	23.233424512277	0.564782758919894	0.0205121796062926	5.86404434049922	4	21.302766023275	0.70819778251937	0.043041437971	1	
2.62132963117593		0.0	0.0	1.0	0.0	0.0	0.0	0.0	22.9425371893017	0.628200224644252	0.0219010522193179	9.39514524795015	4	28.6835636184706	0.97290349863512	0.0435871582881	1	
2.52697863117594		0.0	1.0	0.0	0.0	0.0	0.0	0.0	22.1431087998164	4.60834144674766	0.0169828318455111	60.4527938125734	4	271.35294649387	1.7814163764846	0.0451607770634	1	
2.09292963117594	35.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	21.6786959117386	1.39675347286290	0.0184346457815649	23.5669560682627	4	75.7678498091771	1.3723034922347	0.0461282359452	1	
2.42160963117593	35.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	20.581307170268	0.835927735359173	0.0186994289992129	9.58166594278202	3	34.0078691914037	0.98144102545185	0.0485877232016	1	
2.53305563117593	35.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	20.3962059959927	2.71950275847801	0.0227252666711865	30.4595664831281	4	119.272649132732	1.4837237176471	0.0490311303847	1	
2.94173463117594		0.0	0.0	1.0	0.0	0.0	0.0	0.0	15.5358266490551	0.197205677667283	0.0289673644534454	0.932366601798767	4	6.80785709670688	-0.034484759437364	0.0643673505498	1	
3.64650363117593		0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.528596669161	0.459252097146387	0.0297547925617875	3.01430310198066	5	15.4345586594753	0.47918692047336	0.0896631025464	1	
2.61655563117593		0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.6544638111478	0.221140623359777	0.0141075985386688	1.95279401385191	4	15.6752832704553	0.29065643511301	0.0938573744982	1	
2.61032163117593	35.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	9.47496040514004	0.17139843376271	0.0218473601021426	1.19135666734691	4	7.84526876995727	0.07604179966213	0.1055413381419	1	
2.73439263117593		0.0	0.0	1.0	0.0	0.0	0.0	0.0	9.20113912454669	0.413786645392127	0.0198533211090869	4.8062464741708	4	20.8421877165443	0.6818060385502	0.10868219537429	1	
0.463925631175934		0.0	1.0	0.0	0.0	0.0	0.0	0.0	6.40287803142871	0.116603752081433	0.0053530946058945	4.14928305299697	5	21.7824941769264	0.617973062240603	0.15617976714401	1	
0.441579631175934		0.0	1.0	0.0	0.0	0.0	0.0	0.0	6.33741983128473	1.43331465769819	0.03788634479889	65.0543233602751	5	193.989114222405	1.8132761640682	0.15779292308575	1	
2.72452063117593		0.0	0.0	1.0	0.0	0.0	0.0	0.0	6.0951409943367	0.307751753864239	0.0206201376471109	2.04294374673491	5	14.92481686986	0.3102564032654	0.1640650569947	1	
-0.174242368824066	35.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	5.48509156058266	2.139811816869064	0.0040556471373973	61.0998979701735	4	527.612917050732	1.7860411247354	0.18231236232888	1	
1.87611963117593		0.0	1.0	0.0	0.0	0.0	0.0	0.0	78.429733191289	0.0443232100746809	0.014687150584939	0.609917879260997	4	3.0178222671576200	-0.214728635455908	0.012750266504	1	
1.86813163117593		0.0	1.0	0.0	0.0	0.0	0.0	0.0	73.5721634450248	0.0532405711465765	0.0145204912074115	0.637300858008945	4	3.6665819624202300	-0.19565549682138	0.0139320972441	1	
3.13574963117593		0.0	0.0	1.0	0.0	0.0	0.0	0.0	71.722026965903	0.117214976145239	0.0315969236513155	0.6242112180713866	5	3.70969583744141	-0.204737341269149	0.0194270552799	1	
1.38511263117593		0.0	1.0	0.0	0.0	0.0	0.0	0.0	61.9817780017987	0.0292287442171591	0.008164517843921	0.638142582545576	4	3.57897187046651	-0.195082724422375	0.01613374740258	1	
3.22176963117593		0.0	0.0	1.0	0.0	0.0	0.0	0.0	61.7285705536257	0.138258516698626	0.035546236940363	0.6332954608151154	5	3.890154468000092	-0.19862743395758	0.0161999527461	1	
3.32974163117594		0.0	0.0	1.0	0.0	0.0	0.0	0.0	60.5446445087133	0.14707823497552	0.0401299887540416	0.62500690915607	4	3.66507042593445	-0.20405740070523	0.0165167374937	1	
1.16288763117593		0.0	0.0	1.0	0.0	0.0	0.0	0.0	58.9033959504179	0.0247610276255131	0.007602398374288	0.629612842707796	5	3.5060366624412800	-0.2009264219129	0.0169768603717	1	
1.51164263117593		0.0	1.0	0.0	0.0	0.0	0.0	0.0	57.760558010567	0.028400877416585	0.0082238635066917	0.646243249817598	5	3.4534713564142000	-0.18960380195532	0.0174288731779	1	
1.45937063117593		0.0	1.0	0.0	0.0	0.0	0.0	0.0	56.2176075931079	0.0286991866770127	0.0286029604202811	0.629324163038034	4	3.3557270094965300	-0.20112559310355	0.0177880212768	1	
3.22322563117593		0.0	0.0	1.0	0.0	0.0	0.0	0.0	56.1102935323901	0.11991642866781	0.034788085171668	0.62578407845913	4	3.44705458998565	-0.2022352996311734	0.0178220418577	1	
3.72297863117593		0.0	0.0	1.0	0.0	0.0	0.0	0.0	54.2257703671397	0.140510443578877	0.0424221679354753	0.616356180387396	4	3.31219384621256	-0.210168244660212	0.0184408040642	1	
0.675310631175934		0.0	1.0	0.0	0.0	0.0	0.0	0.0	53.7919473310519	0.0255314754114121	0.0082930406186832	0.6115355911787	4	3.0786627710339200	-0.2135782620902	0.0185901431727	1	
2.34570063117593		0.0	0.0	1.0	0.0	0.0	0.0	0.0	53.6347521610546	0.0598737462809315	0.017499076662087	0.604479568145627	4	3.4215374561190200	-0.218618309366899	0.0186448279622	1	
0.40042063117593		0.0	0.0	1.0	0.0	0.0	0.0	0.0	53.2089759413999	0.123376226107999	0.0388224799052709	0.620022636994382	5	3.1779838959533	-0.207592454333968	0.01879382157415	1	
3.65497563117594		0.0	0.0	1.0	0.0	0.0	0.0	0.0	51.7264969589075	0.152075862467143	0.0395541026616557	0.605201078429255	4	3.84475424883213	-0.218100306763429	0.0193324505001	1	
1.58254163117593		0.0	0.0	1.0	0.0	0.0	0.0	0.0	51.6990495014401	0.040470154621547	0.0127488121179435	0.638360737046568	4	3.456872295908310	-0.196296623924396	0.01934271538149	1	
1.80728863117593		0.0	1.0	0.0	0.0	0.0	0											

3.61809875818551		0.0	0.0	1.0	0.0	0.0	0.0	0.0	53.615410322239	1.11472340486667	0.395819689327443	0.68223524016415	3	2.81624041179142	-0.16606585131157	0.0186513540415	0
3.28314275818551		0.0	0.0	0.0	1.0	0.0	0.0	0.0	51.567796517733	0.12271134065121	0.032802438810963	0.730353221099212	2	3.7409212576657	-0.136467051011927	0.019391947446	0
0.89468775818551	39.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	49.983726262124	0.01840220329038549	0.004357219369326	0.6388581063056973	2	4.2233411590065800	-0.19459559018478	0.020000648972	0
2.58520475818551		0.0	1.0	0.0	0.0	0.0	0.0	0.0	49.2372103454543	0.0702144113813673	0.0179875334219445	0.619967010307492	2	3.9035042632302000	-0.207631419570455	0.0202851234987	0
2.17105175818551	39.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	47.2464127001364	0.075483085955567	0.0141618964752701	0.680761915074043	3	5.3308020735144200	-0.180871615124764	0.0211656269043	0
3.90523975818551		0.0	0.0	1.0	0.0	0.0	0.0	0.0	44.8536024439651	0.376127393428196	0.0987308671560867	0.645711768822272	2	3.80962311243114	-0.189961296017278	0.0222947532754	0
2.71921275818551		0.0	1.0	0.0	0.0	0.0	0.0	0.0	42.1346314872107	0.0615894254672073	0.0177417837092896	0.653124473503566	2	3.47114336774920300	-0.185004420302001	0.0237334459731	0
1.42260075818551		0.0	1.0	0.0	0.0	0.0	0.0	0.0	42.0505215442188	0.0320391624688282	0.0095256600640043	0.68289531923896	3	3.3634587496247400	-0.16564586405075	0.0237809178882	0
2.52307175818551	39.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	41.4242501836881	0.0659511130568455	0.0178067820323826	0.614585096118376	2	3.1982821462786900	-0.211417975729543	0.024140449026	0
0.501031758185509		0.0	1.0	0.0	0.0	0.0	0.0	0.0	40.8614693488601	0.0237420260976374	0.0061018505807795	0.640149154553716	2	3.8909550116522800	-0.19371882374653	0.0244729329595	0
1.29161675818551		0.0	1.0	0.0	0.0	0.0	0.0	0.0	39.7844787554103	0.0291392754345776	0.0086469594883792	0.644592443414908	2	3.3698868918882300	-0.190714790046836	0.025135430481517	0
0.0681547581855097		0.0	1.0	0.0	0.0	0.0	0.0	0.0	39.7685261406467	0.0175468143461577	0.0046323153907173	0.606382978705682	2	3.7879144371991100	-0.2172529979399	0.0251455132248	0
2.22801175818551	39.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	36.6948475018643	0.163511547036935	0.0154638791863947	1.00317736188031	2	10.5737729237302	0.0013777231954	0.0272592110394	0
3.51087375818551		0.0	0.0	1.0	0.0	0.0	0.0	0.0	36.5618216070746	0.3418392900772029	0.101013763994377	0.592053344269833	3	3.384086255751240	-0.227639161388036	0.0273510844444	0
3.35222575818551		0.0	0.0	0.0	1.0	0.0	0.0	0.0	32.884844919232	0.114850742467512	0.0358526839171194	0.577071887419015	2	3.20340710706658	-0.238770082226043	0.030409144469	0
-0.326446241814491		0.0	1.0	0.0	0.0	0.0	0.0	0.0	31.2166901455114	0.0137031240871329	0.0037729017458361	0.653139465166218	2	3.6319854081162100	-0.184994073724945	0.0320341456874	0
3.43445975818551		0.0	0.0	0.0	1.0	0.0	0.0	0.0	30.1961094010222	0.119883485835915	0.0312261687180339	0.703176318237865	2	3.81037734440982	-0.15293576397496	0.0331168491516	0
3.67481775818551		0.0	0.0	1.0	0.0	0.0	0.0	0.0	28.9819148453759	0.576765714025332	0.162445154045009	0.637491514772842	2	3.550525821567610	-0.19525591461626	0.0345042763853	0
2.08867975818551		0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.8825922866868	0.0597130387074813	0.01611145657912994	0.60873287508914	3	3.7055319690786600	-0.21557324641514	0.0371987935526	0
2.25901475818551	39.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	24.5337288347968	0.0464583709632503	0.0129732834866722	0.624825824153938	3	3.5810883803815900	-0.20424102929755	0.0407602124705	0
2.62778975818551	39.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	24.2746525835362	0.0663454215900397	0.0196026185715817	0.636267691280731	3	3.3845183158687600	-0.196360129026449	0.0411952805964	0
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0.755142758185509		0.0	1.0	0.0	0.0	0.0	0.0	0.0	22.1162718998977	0.0227645210210676	0.0061692268629078	0.659221682284086	3	3.6900110783142100	-0.180968510224357	0.0452155772321	0
0.94979758185509		0.0	1.0	0.0	0.0	0.0	0.0	0.0	21.5557348127755	0.0244461035520587	0.00738365088030887	0.615046511662534	3	3.3108423196059700	-0.211092043030957	0.0463913674975	0
2.81554275818551		0.0	1.0	0.0	0.0	0.0	0.0	0.0	20.0263594209261	0.0823595021550369	0.0202628107488374	0.611738803347278	3	4.0663690395732300	-0.21343970793489	0.049934188185	0
2.91831175818551	13.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	18.3883891134571	0.673897869135154	0.0259402557706989	8.9468985241769	3	25.8711344055496	0.95167257607295	0.0543822018054	0
3.31734375818551		0.0	0.0	0.0	1.0	0.0	0.0	0.0	18.0771563554383	0.12635319226117	0.0438916126089565	0.593588107561792	2	2.87875484063182	-0.226514806589895	0.0533149350645	0
0.80992675818551		0.0	1.0	0.0	0.0	0.0	0.0	0.0	17.1693423817004	0.0248238717109511	0.007150438446272	0.608011332706311	2	3.39605358278241	-0.216088325849062	0.0582433489745	0
1.40741175818551		0.0	1.0	0.0	0.0	0.0	0.0	0.0	16.3765380835592	0.0313308139112817	0.0100082245227279	0.622873591217718	2	3.1305066987787800	-0.205600082083882	0.0610629667209	0
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1.3280715818551	13.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	14.31510018738715	0.0285320761832746	0.0065445199358986	0.667033263963575	3	3.3392251872959100	-0.17526692756112	0.089653046338	0
3.20961975818551		0.0	0.0	0.0	1.0	0.0	0.0	0.0	14.103540626791	0.113227986496743	0.031859553425221	0.651123669551829	2	3.553972805535570	-0.186336516957042	0.0704545825068	0
2.21082675818551		0.0	1.0	0.0	0.0	0.0	0.0	0.0	13.9808057679402	0.0464247033907452	0.013982701096263	0.618806241954571	3	3.46318662305433	-0.208445314182828	0.0715266356316	0
1.73720275818551		0.0	1.0	0.0	0.0	0.0	0.0	0.0	13.0840011793361	0.0367645059136817	0.0113413109499496	0.657648353511276	2	3.2416050557052300	-0.182006262847705	0.0764292196472	0
2.29552175818551	39.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	12.5656079667841	0.0495825864802865	0.01364755335308095	0.624599774482787	3	3.6509023024359400	-0.204398176911614	0.079641793513	0
2.94197275818551		0.0	1.0	0.0	0.0	0.0	0.0	0.0	12.5540713296532	0.131267435132315	0.0251524471949819	0.68361831468257	3	5.21887330146165	-0.16518631009818	0.076445251174	0
1.78155275818551		0.0	1.0	0.0	0.0	0.0	0.0	0.0	12.2112206263002	0.0486121085339209	0.013134503866002	0.639875319877894	2	3.7012285325645200	-0.193904640334906	0.0818918952169	0
1.90809375818551		0.0	1.0	0.0	0.0	0.0	0.0	0.0	10.9801815450996	0.0477149702178734	0.0131179472397384	0.615916794397801	2	3.63738088604237800	-0.210477953703461	0.0914235433167	0
1.91502775818551		0.0	1.0	0.0	0.0	0.0	0.0	0.0	10.5139643243776	0.0494543413808942	0.0136024336109648	0.631465928720605	2	3.6356980465781900	-0.199650077203372	0.095114507661	0
1.3884375818551		0.0	1.0	0.0	0.0	0.0	0.0	0.0	10.4175597361176	0.0354462003494118	0.0096763691483932	0.686829401728454	2	3.6631715683664000	-0.163151121875835	0.0959917701775	0
3.44520475818551		0.0	0.0	0.0	1.0	0.0	0.0	0.0	10.291222850585	0.218433867237246	0.0474332217565608	0.799885125502437	2	4.60580182130004	-0.09697239176571	0.097170187593	0
1.85068275818551	13.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	9.83918433762334	0.0399580258355755	0.0109986748328648	0.642465311203109	3	3.632919407008300	-0.19215031633873	0.10163444099489	0
-1.178576241814491	39.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	9.70874387081299	0.006096475883977	0.0021155603852874	0.616574010719357	2	3.8271069643222000	-0.210014785599743	0.10299993627458	0
3.14336775818551		0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0180186582204	0.13211210265314	0.0277599186443908	0.992440637436911	2	4.75909545508214	-0.003295460892658	0.11086718033012	0
2.21154775818551	39.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	8.6588697589896	0.055225630699112	0.0173454110588518	0.634573410613547	3	3.1842752465697900	-0.197518129313671	0.1154885426505	0
0.96878675818551		0.0	1.0	0.0	0.0	0.0	0.0	0.0	8.14898466043695	0.0338668623365255	0.0082925790326853	0.634917156739425	2	4.083999477893100	-0.197282937256114	0.12271467448638	0
1.53069875818551		0.0	1.0	0.0	0.0	0.0	0.0	0.0	7.62288801745953	0.0350537464651948	0.0103188077880623	0.657687802768284	2	3.397073308283900	-0.181980212328897	0.13118215556808	0
3.63512475818551		0.0	1.0	0.0	0.0	0.0	0.0	0.0	7.38370124964202	1.81133546712578	0.613198408456359	0.683625189210037	2	2.9539141689646	-0.158875143709061	0.13580127249848	0
0.34473975818551		0.0	1.0	0.0	0.0	0.0	0.0	0.0	7.314714743035566	0.0298817614752814	0.0057948062389177	0.718013100597665	2	5.156645409306320	-0.143867631711222	0.13671073685124	0
3.40394275818551		0.0	0.0	1.0	0.0	0.0	0.0	0.0	7								

2.7549738595289	7.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.18410818747795	0.849815116247654	0.0055582747030866	22.5166928590576	4	152.891888516366	1.3525046038288	0.0450773135232	1	
2.6092198595289	34.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.57974242512571	1.0331306252066	0.0068371025212837	36.0946828971327	4	151.106498967034	1.5574432037558	0.0463937091996	1	
3.4430468595289		0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	72.0001042643644	0.0428918066484864	0.0128620425843115	0.62523795322847	4	3.3347585632163700	-0.20395466728527	0.0138888687782	0	
3.270578595289	7.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0050688970945	0.0274585608378942	0.0081233106380522	0.620898154929211	6	3.3802179999456700	-0.206979630708459	0.0333377021769	0	
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2.95939585952891	7.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.09878076488248	0.0249871767546907	0.0048961143359535	0.659909250439044	5	5.1034708424194800	-0.180515783766269	0.14068926095069	0	
3.2822728595289	7.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.01040691613077	0.063442027259994	0.0097471612223508	0.6950771133970222	5	6.50878966254726	-0.157966998289237	0.14264507209974	0	
3.2294258595289	7.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.88688885611625	0.0531071417492032	0.0080990387027381	0.67860935986611	4	6.5572154546253600	-0.16838015454918	0.16987478435539	0	
2.631821895289	7.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.84995502526044	0.0304969098048882	0.004774829476062	0.663853914681831	4	6.387015485635788	-0.177927479408626	0.17094148513654	0	
4.1040658595289		0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	5.5179002245122	0.0691798619409308	0.0186485540034296	0.720874480518063	4	3.709663979591800	-0.142140348545458	0.18122835849	0	
3.0300818595289	7.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.10048120451355	0.0349314781197248	0.0070555386051974	0.640917508367558	3	3.9508300528797100	-0.193197663666611	0.19605993236777	0	
2.1181129595644	33.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	59.0778806746702	0.720256476577756	0.0114439569161418	29.5392708575868	2	62.9377130528889	1.470399771056	0.01692608961	1	
2.2521049595644	33.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	54.6851321058407	1.70397501788692	0.0122377567015148	38.0301107558511	2	139.239164452093	1.5801275902179	0.018268060665	1	
2.0166179595644		0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	50.3324220631913	0.329293214246874	0.0127490454674371	6.19778610824254	2	25.8288524492078	0.79223658422775	0.0198679063715	1	
2.4916169595644	33.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33.7206063298195	1.55612027195443	0.01521867126179	27.30960394335894	2	102.25073169570500	1.4363154018438	0.0296554572661	0	
3.7045849595644		0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	59.2767859470718	0.0821248789311377	0.0239918724441159	0.66049923423907	2	3.4230291579963400	-0.1801276815558	0.016870010147775	0	
3.4475109595644		0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	55.3119097020329	0.0795324624039348	0.0212383506222929	0.664816440889081	2	3.7447570114250400	-0.1772982490020651	0.0180792889883	0	
3.8128809595644		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50.6615289296106	0.079937948425954	0.025913024683159	0.60997475079618	2	3.0848597185216	-0.214688124448648	0.0197388436774	0	
1.3375379595644		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50.4291919629067	0.0269669611142273	0.0078731397864316	0.606388631219474	2	3.4251851034960100	-0.2172489496004496	0.0198297843071	0	
3.1490579595644		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.6179018474288	0.0635211279007506	0.0179792419508971	0.578620709981777	2	3.533025923866400	-0.23760626149765	0.0306580111951	0	
1.6896329595644		0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	31.676994934519	0.0304313113780487	0.0096076546120012	0.680395739258988	2	3.1674027228285300	-0.1801957373812	0.031568651064	0	
1.7504989595644		0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	21.3774293493352	0.0657419190071104	0.017394805729607	0.666114819825329	2	3.7789943848499	-0.176450903948087	0.0467783091988	0	
3.0679849595644		0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	13.6178983674199	0.0578648951736051	0.0165180699071701	0.646583106438231	2	3.5031269088217300	-0.189375646579552	0.0734327709956	0	
1.0941499595644		0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	6.55921845914854	0.0250993648883184	0.0067586271921425	0.620990405807597	2	3.7136779666584700	-0.206915109544847	0.15245718773124	0	
2.6846859595644		0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	6.5397090375799	0.0616137670891953	0.0140304753694669	0.723096522294394	2	4.3914240584662600	-0.140803721217101	0.15299945711586	0	
1.7390399595644		0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	5.95129606790058	0.0426633757324563	0.0090713035806381	0.757312056774864	2	4.70311440952572200	-0.120725128941779	0.1680306247965	0	
2.6648439595644	33.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.9290749947582	0.06027121896275697	0.0138302237995504	0.6852410408470896	2	4.3580053729520300	-0.185479118898751	0.1686603729729	0	
1.1772729595644	6.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.89739919035503	0.248579178580699	0.010773209481051	5.25536899591824	2	23.0738276121045	0.7206046996008	0.16956627281318	0	
0.368683959564399	6.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.09821829719231	0.110433907678156	0.0143214447686793	1.72221994874583	2	7.71108707688994	0.2360886154258	0.19614695599651	0	
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0.905644959564398		0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0					2					
0.836310959564399		0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0					2					
1.846737	1	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.5403887263	0.451317882839	0.0029118444	95.3378467523	5	154.993818639142	1.97926533896763	0.132619157486154	1	
2.276208	42.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	56.6164223161993	1.91359453844298	0.0028540235944814	73.7759455304405	5	670.490090601615	1.8679147842313	0.0176627197391	1	
2.36346	42.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	46.1051946733977	1.39633882153032	0.003001080245637	55.2370788627216	5	465.278768889874	1.7422307030449	0.02168952989344	1	
2.339105	42.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	44.9846114856001	1.03065910199143	0.026487907801416	53.23237908508304	5	389.105515512378	1.726175876288	0.0222298420882	1	
2.623494	42.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	42.8213005706575	0.866940791187214	0.003816647391062	25.5338493412507	4	227.14720600531700C	1.4071162915628	0.0233528638008	1	
2.412796	18.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	41.783193285096	0.661549222871735	0.026424244502783	30.0390197034139	6	250.35691098077	1.4778857557508	0.02393067853	0	
2.423508	42.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	41.4694996479545	1.29157033609952	0.002825598819122	37.6561743484846	5	457.096148030261	1.5758361960912	0.02411141139785	1	
2.122799	42.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	41.4576670186195	0.343247370719826	0.0031525950763633	14.4318022567753	5	108.876023086756	1.15932056957	0.024120990685	1	
2.567232	42.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	38.373130787307700	1.06097724624033	0.006917369472583	41.8326289374637	5	263.796230886736	1.6215151375575	0.026059901276827	1	
2.067661	42.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.6524009024742	2.73652820884337	0.002694153736511	55.0693705499029	5	1015.72830524039	1.740910112467	0.0306426991422	1	
2.153676	42.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.31081534189004	2.83849071026499	0.0027510125310873	71.7148699321791	5	1031.798539827051	1.855609215081	0.030949389219	0	
2.659798	42.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.8880040238262	0.43955713728295	0.0029753317474385	21.7048049853289	5	147.733822995273	1.3365558881164	0.0478725451672	1	
2.027068	42.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.7729554596153	1.63810129195997	0.0026295770601172	50.4535104443786	5	622.1918029323261	1.7028913888798	0.0562652619711	0	
1.674649	42.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0338411867792	0.080459092126162	0.0022830245390466	8.04273612033829	5	35.2423247255171	0.9504308198699	0.066516599456	0	
2.050723	42.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.141514699965	0.546746652296694	0.0025820850329711	19.4473242835059	5	211.748183923143	1.2888598561066	0.0707136481271	0	
3.113933	42.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.1313997533396	0.158590561059087	0.0034387131917196	0.962342694951681	5	15.08107923588300	-0.016670246024964	0.0899359597369	1	
-0.041307999999999	42.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.55335105									

1.52842181461742	29.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	41.3296628377903	0.0188346598413015	0.0049786959238428	0.628494818614502	3	3.7830508489387700	-0.201698298338256	0.0241956970209	0
1.42229281461742	2.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.4203564117622	0.0135303985298875	0.0036171892240846	0.622534658707317	3	3.7405835558165000	-0.205836464848566	0.0267234226472	0
2.09029581461741	29.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35.3807669918491	0.0706839561511689	0.0240040436977288	0.614359597304499	3	2.9446687000431000	-0.211577352945077	0.0282639435214	0
1.77542781461742	2.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.8959096463534	0.0167441815316113	0.0039565777099315	0.643899072087196	3	4.2319860139689200	-0.191182200762358	0.033449391968	0
3.63110881461742	2.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.9039575637835	0.0377567378208279	0.0089746469940746	0.642973782530513	3	4.2070443378504300	-0.191806735216463	0.0456538503185	0
3.46465791461742	29.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.437324946346	0.05551089964168	0.016037906026812	0.632177356744863	3	3.46123113216619	-0.199161063727173	0.069264909096	0
2.78572381461742	2.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0912308255563	0.711774793534339	0.006171170478163	17.7308299977465	3	115.338702123526000	1.2487315152003	0.0990959395624	0
3.66482581461742	2.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.13677095389557	0.0438077057543665	0.011010630963442	0.644050122708675	3	3.97867350383873	-0.191080332688738	0.12289867544656	0
3.17779081461742	2.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.2820760509227	0.0409784309671716	0.0080020459894024	0.681359357668461	3	5.1209941834178200	-0.166623775180722	0.1373234765755	0
3.26179581461741	2.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.52850870661257	0.0548244825214716	0.0100198699930689	0.646871682394283	3	5.4715762339626800	-0.189181860219975	0.15317433811295	0
2.82412481461741	2.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.50858516755158	0.653735356753577	0.0073068115576337	21.3499446905173	3	89.4693056741822	1.3293967542728	0.15364322264468	0
3.73950381461742	2.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.01987631563032	0.0479347447436328	0.0094979046324614	0.686073794745137	3	5.0468757687673700	-0.16382916865629	0.16611636976719	0
3.85363281461742	2.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.01056226174547	0.038171654189032	0.0101872087277091	0.627141839342696	3	3.74701760534148	-0.20263422459616	0.16637378608729	0
2.96429981461742	2.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.79794125774889	0.151573078448106	0.0110033487391312	3.55057250477197	3	13.7751771793942	0.55029838562316	0.17247501406875	0
4.05255981461742	29.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.6264710733678	0.0712003406854742	0.0142785376386541	0.643890960414696	3	4.9865289070446800	-0.191187671925384	0.1777312967507	0
3.00649081461741	2.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.23010647949295	0.0311421257331634	0.0067838871788994	0.630893988817392	3	4.5906019531144100	-0.200043610549118	0.19120069618486	0

log10(Period)	ClusterAge	GaiaDR3	RAdeg dr3	DEdeg dr3	plx dr3	e plx dr3	Gmag dr3	Bp_Rp dr3	Diff RAdeg	Diff DEdeg	Diff e_plx	Diff Gmag	Diff Bp-Rp	Diff AbsMag	AbsMag dr3	AbsMag stars	vbrd error		
-1.824433824215	45.5	5524279024514875648	134.15482714746000	-42.5526451524509600	2.4246469223528200	0.016200062	10.348741	0.17058086	0.00000230621	-0.0000009671394	-0.00776392235282	0.00281414	-0.001904	0.00281414	-0.001903999999999	2.12283363117593	2.27181962653413	36.213146	4.8023035
-1.7827850998859	45.5	5524195491609008760	132.2947053080020	-42.29999184801000	2.3279554119781400	0.012037623	10.387622	0.1901598	0.000002367588	-0.0000009273099	-0.1409541197184	0.016962377	-0.001048	0.0029772	-0.001048	2.16171463117593	2.22249828942527	10.31286	18.02212
-1.7819709783277	45.5	552400942913010645888	132.24739643169200	-43.16106566820860	2.3281726448445100	0.01638952	10.433937	0.21005684	0.000002398818	-0.0000010160814	-0.0877264494451	0.01991048	0.000467	0.00258716	0.000467000000000	2.20802963117593	2.26901291075456	57.782112	10.37963
-1.7777240258531	45.5	5528323623509432336	129.80033883565200	-40.87509540259030	2.2717381463708600	0.013923681	10.441201	0.20070553	0.000002130148	-0.0000009686097	-0.00123614637086	0.019276319	-0.001731	0.00335647	-0.001731	2.21593963117593	2.22299041146798	104.23993	15.084638
-1.719042051462	45.5	5523302280235357824	131.3789683841000	-43.368096642624500	2.570087302965600	0.018139863	10.047251	0.17616177	0.00000249463	-0.0000011274055	-0.07658710329656	0.023780137	-0.004258	0.00429623	-0.004258	1.82134363117593	2.09999071861726	223.91379	57.28085
-1.7057057619568	45.5	5522468300668030720	131.00019752445500	-43.851863206968710	2.3270502157930200	0.014859236	10.354785	0.1918895	0.000002406965	-0.0000010080929	-0.08435021579302	0.016140764	-0.000782	0.00333005	-0.000782	2.12887763117593	2.18881377549361	113.4067	25.472742
-1.6914899606695	45.5	5524460100337499648	133.83250173678300	-41.81348643889720	2.3177155706377300	0.014049911	10.492618	0.30075645	0.000002455547	-0.0000008987928	-0.12391557063773	0.012950089	-0.002567	0.00244055	-0.002567	2.26671063117593	2.31791869204264	116.90001	16.421831
-1.67378928712319	45.5	55241228941718759168	132.48880714874200	-42.79979351228310	2.3218706039414900	0.020133503	10.676429	0.28927898	0.000002326258	-0.0000009839269	-0.16007063094149	0.033666497	-0.002444	0.00129902	-0.002444	2.45052163117593	2.50561060950157	64.05076	6.864625
-1.6290504689681	45.5	5525017174772285440	131.20090100127400	-41.740328086243200	2.288467542725580	0.011463444	10.65742	0.28354567	0.000002247916	-0.0000009670168	-0.09936757427558	0.017635556	-0.001454	0.00228443	-0.001454	2.43151263117593	2.45514183630649	146.38303	24.573257
-1.610287489368	45.5	5524411207984773504	131.984634348629300	-42.91142058631910	2.3462978565054200	0.015710995	10.750341	0.37146568	0.000002336034	-0.0000009730009	-0.04609785650542	0.022289005	-0.000667	0.00219032	-0.000666999999999	2.52443363117593	2.6022567192581	17.295307	6.513241
-1.5466864110306	45.5	5523945421514213888	132.81119201104600	-42.7154881656453	2.3047451477018700	0.014086425	10.217643	0.19355297	0.000002330304	-0.0000009991247	-0.10314514770187	0.022513575	-0.004676	0.00108703	-0.004675999999999	1.99173563117593	2.030757546533	235.12407	20.765524
-1.5229363020773	45.5	5524164705364517248	131.83562880326000	-42.72436101306190	2.318203201310930	0.016496798	10.152638	0.1859701	0.00000231543	-0.0000009783381	-0.08620320131093	0.01803202	-0.004858	0.00457899	-0.004858	1.96730500515387	1.97393505015387	137.75546	13.98765
-1.514585207711	45.5	5524161922225702300	131.68493631420800	-42.893326340110300	2.3293372957882900	0.014573147	10.031382	0.15518665	0.000002427012	-0.0000009811297	-0.10293729578829	0.017159853	-0.003129	0.00360835	-0.003129	1.80545463117593	1.8675290186899	147.63704	22.885366
-1.501266953185	45.5	5524582421006485120	132.60752516109800	-42.039676001899200	2.326135496531580	0.01783126	10.682526	0.3351555	0.000002352142	-0.0000009829472	-0.17535349653158	0.022216874	-0.003339	0.00123215	-0.003338999999999	2.5661863117593	2.51570104311023	221.30428	12.648636
-1.4036391295321	45.5	5523910928637162880	132.50190850117780	-43.03528640206520	2.304034522818900	0.013710517	10.493255	0.2986507	0.000002396262	-0.0000009793148	-0.0931345228189	0.017989483	-0.0007145	0.00287793	-0.0007145	2.26781813117593	2.30597041055583	241.40233	67.96128
-1.368768187673	45.5	5331613148166850688	133.71689571926100	-44.22425064026710	2.3654243339786000	0.030680504	11.243627	0.67888355	0.000002595929	-0.0000009956299	-0.10062433397860	0.015619496	0.005704	0.00811145	0.005704	3.01771963117593	3.11317230488422	51.564068	18.706554
-1.3687551294952	45.5	5331613148166851584	133.7115740980240	-44.22896746814570	2.3787162876122700	0.013659894	10.701725	0.33486557	0.000002750816	-0.0000008829643	-0.09311628761227	0.017340106	-0.000993	0.00144543	-0.000993	2.48121763117593	2.58883823147231	102.87889	15.1603565
-1.366113227759	45.5	5524417906578326016	134.7531918912400	-41.80966685802970	2.3332414907760200	0.013341729	10.8652905	0.35942078	0.000002259061	-0.0000009232603	-0.14354149077602	0.02548271	-0.000705	0.00579722	-0.000705	2.63938613117593	2.7050919525685	108.24849	15.035035
-1.3606414443576	45.5	5524972000954179584	131.70150811122900	-42.03536584928590	2.357865375454000	0.02927354	10.847188	0.34509563	0.000002207604	-0.0000010022741	-0.2006865375454	0.005826046	-0.000049	0.00432437	-0.000049	2.62128063117593	2.706023289034	13.182897	8.523233
-1.3452358935916	45.5	5524797994001248512	131.74099920367370	-43.14606965953610	2.2977399489164400	0.013153275	10.754557	0.33451748	0.000002287907	-0.0000009793839	-0.06073994891644	0.0181467245	-0.001671	0.00386552	-0.001671	2.52864963117593	2.56106137515256	29.129028	9.3940115
-1.336031535408	45.5	5523896321448098432	132.35449824476400	-43.4414730977656	2.29984095308959	0.014343166	10.32793	0.20685587	0.000002317136	-0.0000010307844	-0.0760495308959	0.01756834	-0.002723	0.00095313	-0.002723999999999	2.100226235117593	2.13641019757514	306.45162	35.375973
-1.3134734513002	45.5	5428325641194128768	135.494817144493	-41.877082116402500	2.498034841093000	0.013689796	10.85017	0.3304665	0.000002290799	-0.000000958775	-0.0665384810936	0.014410204	-0.002653	0.00245055	-0.002653	2.42482623117593	2.6381656204964	102.25287	14.283655
-1.309250942272	45.5	55237508112257251078	131.8705419106010	-44.16547988911820	2.1721284987494700	0.014552449	10.760484	0.37549782	0.000002252559	-0.0000010943718	0.23487150125053	0.022747551	-0.001501	0.00247318	-0.001501	2.53455663117593	2.44489158832046	68.55814	9.824168
-1.1913343666716	45.5	5523936526642204160	132.6181791942300	-42.936219908685900	2.301478889033960	0.013064411	11.16624	0.50189114	0.00000235847	-0.0000009763241	-0.03857688908336	0.01633559	0.001402	0.00468086	0.001402000000001	2.94033263117593	2.97627309081874	217.94778	36.5774
-1.0473862376377	45.5	5522447478660040064	131.1082873448700	-44.18916564130950	18.55054				0.000031581393	0.003896757295	2.3467	0.03	-6.878129	0.660176	-6.678128999999999	10.3246326311759			
-1.0275315986095	45.5	5524793114918417732	130.7302458852230	-43.277171239256670	2.4371473637360000	0.009888903	10.844114	0.67399556	0.000002310287	-0.0000009860533	-0.0334477363736	0.020611097	-0.001651	0.00761544	-0.001651	2.61820663117593	2.77852294941656		
-0.9765717403731	45.5	5620780583105889792	134.32963336131700	-40.77197014469480	2.4673471479804700	0.014731364	10.838815	0.38034344	0.000002245573	-0.0000009195652	-0.06974714798047	0.019368636	-0.000586	0.00595356	-0.000586	2.61090763117593	2.79796828827921	91.25216	35.182716
-0.96384159744121	45.5	5524940140240025216	131.44418467355800	-42.26892700777910	2.299064871448810	0.021970062	10.959608	0.38829613	0.000002260132	-0.0000009905609	-0.13056487144881	0.056329938	-0.000692	0.00784187	-0.000692	2.73370063117593	2.78736412845334	61.779705	11.751367
-0.8063752290173	45.5	5524715464282802350	131.5736109771830	-42.75864911031290	2.2877815912684900	0.020777378	6.899902	-0.07982968	0.000002455767	-0.0000010004701	-0.10018159126849	0.02742822	-0.007069	0.007639986	-0.007069	4.07099463117593	4.4939749055121	128.09822	22.666037
-0.80191247852665	45.5	5524172131368191618	132.60169545114390	-42.60169545114390	2.26724319713200	0.029733799	8.675016	-0.07828133	0.000002505627	-0.0000009636261	-0.03432413713200	0.02705291	-0.007529	0.01032233	-0.007529	4.44910863117593	4.45250551245502		
-0.7849839062756	45.5	5524178213041834742	131.70734807008100	-42.59965986410400	2.30795342730420	0.01386046	10.951832	0.4048255	0.000002298494	-0.0000009808096	-0.06675342730420	0.02523954	-0.001044	0.00553845	-0.001044	2.72598463117593	2.76796720430732	67.89334	13.452075
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