

Table A1. Properties of the best candidates for the SMC law case, from left to right: object ID, z_{phot} , χ^2_r , stellar mass M^* , absolute magnitude, age, star formation history, metallicity, the number σ 's used to estimate potential AGN contamination, photometric redshift found by fitting DES only bands, redshift from the DES pipeline, extinction as $E(B - V)$). Errors refer to the 99% confidence level.

ID	z_{phot}	χ^2_r	$\log_{10}(M^*/M_\odot)$	Abs. Mag. (<i>i</i>)	Age (Gyr)	SFH	[Z/H] (Z_\odot)	σ_{AGN}	$z_{DESonly}$	z_{BPZ}	E (B-V)
100600870	$3.67^{+0.16}_{-0.23}$	1.224	$11.8^{+0.03}_{-0.0}$	-27.02	0.1	$t_{trunc} = 1.0$	1	0.16	3.37	0.38	0.18
102002089	$3.77^{+0.47}_{-0.3}$	2.019	$11.28^{+0.71}_{-0.06}$	-25.63	0.1	$t_{trunc} = 1.0$	2	5.59	3.37	0.51	0.18
102009403	$3.64^{+0.19}_{-0.19}$	1.578	$11.7^{+0.02}_{-0.01}$	-26.69	0.1	$t_{trunc} = 1.0$	2	1.71	4.25	0.35	0.18
102009835	$3.77^{+0.17}_{-0.1}$	1.632	$11.83^{+0.0}_{-0.05}$	-27.01	0.1	$t_{trunc} = 0.1$	2	10.86	2.47	0.47	0.18
102009849	$3.73^{+0.23}_{-0.14}$	1.007	$11.93^{+0.04}_{-0.25}$	-27.24	0.1	$t_{trunc} = 0.1$	2	12.22	3.58	0.47	0.18
102031864	$3.77^{+0.16}_{-0.14}$	1.978	$11.67^{+0.01}_{-0.07}$	-26.6	0.1	$t_{trunc} = 0.1$	2	3.34	2.48	0.5	0.18
132987082	$3.7^{+0.14}_{-0.26}$	1.522	$11.57^{+0.42}_{-0.02}$	-26.54	0.1	CONSTANT	1/2	7.21	2.52	0.37	0.18
133572897	$3.46^{+0.12}_{-0.08}$	1.792	$12.21^{+0.05}_{-0.04}$	-27.52	0.11	$t_{trunc} = 0.1$	2	1.77	3.48	0.49	0.18
136067262	$3.73^{+0.12}_{-0.16}$	2.073	$12.09^{+0.0}_{-0.24}$	-27.66	0.1	$t_{trunc} = 0.1$	2	15.27	2.54	0.4	0.18
137806706	$3.78^{+0.55}_{-0.28}$	0.338	$11.98^{+0.21}_{-0.17}$	-26.6	0.4	$t_{trunc} = 0.3$	1	0.06	3.69	0.49	0.0
164738198	$3.67^{+0.16}_{-0.19}$	2.642	$12.36^{+0.28}_{-0.01}$	-27.76	0.29	$t_{trunc} = 1.0$	2	19.48	2.39	0.49	0.18
287114376	$3.73^{+0.26}_{-0.32}$	1.54	$11.89^{+0.27}_{-0.13}$	-26.76	0.13	$e^{-t/0.1 \text{ Gyr}}$	2	2.52	3.4	0.41	0.18
396223342	$3.69^{+0.11}_{-0.26}$	0.891	$11.59^{+0.04}_{-0.02}$	-26.59	0.1	$t_{trunc} = 1.0$	1/2	4.44	3.34	0.37	0.18
396276124	$3.69^{+0.18}_{-0.26}$	1.022	$11.66^{+0.02}_{-0.23}$	-26.66	0.1	$t_{trunc} = 0.1$	1	2.61	3.45	0.48	0.18
397300605	$3.83^{+0.09}_{-0.3}$	2.084	$11.73^{+0.02}_{-0.0}$	-26.93	0.1	CONSTANT	1/2	7.77	3.25	0.47	0.18
397303505	$3.69^{+0.15}_{-0.32}$	1.604	$11.54^{+0.01}_{-0.27}$	-26.29	0.11	$t_{trunc} = 1.0$	1	4.8	3.4	0.49	0.18
397554368	$3.71^{+0.35}_{-0.28}$	1.366	$12.12^{+0.0}_{-0.44}$	-27.23	0.29	SSP	1/5	3.19	2.5	0.37	0.0
397764328	$3.77^{+0.13}_{-0.27}$	2.321	$11.58^{+0.02}_{-0.04}$	-26.4	0.1	CONSTANT	2	4.27	4.3	0.54	0.18
397885462	$3.8^{+0.2}_{-0.56}$	0.709	$11.78^{+0.4}_{-0.04}$	-26.18	0.18	$t_{trunc} = 0.1$	2	1.74	3.34	0.5	0.0
398107560	$3.67^{+0.25}_{-0.2}$	1.0	$11.61^{+0.03}_{-0.2}$	-26.46	0.1	$t_{trunc} = 0.1$	2	3.3	3.34	0.45	0.18
399804681	$3.86^{+0.21}_{-0.48}$	1.764	$11.54^{+0.02}_{-0.3}$	-26.28	0.1	$t_{trunc} = 0.1$	2	1.88	2.49	0.5	0.18
399842053	$3.72^{+0.16}_{-0.25}$	0.946	$11.61^{+0.01}_{-0.03}$	-26.48	0.1	CONSTANT	2	5.7	4.28	0.43	0.18
399842613	$4.11^{+0.15}_{-0.48}$	1.443	$11.48^{+0.0}_{-0.38}$	-26.15	0.1	$t_{trunc} = 1.0$	2	0.36	3.31	0.59	0.18
400998781	$3.64^{+0.23}_{-0.17}$	0.863	$11.52^{+0.04}_{-0.08}$	-26.23	0.1	$t_{trunc} = 0.1$	2	2.2	2.53	0.47	0.18
401003476	$3.86^{+0.18}_{-0.41}$	0.666	$12.07^{+0.07}_{-0.71}$	-26.72	1.02	$t_{trunc} = 1.0$	2	1.37	2.48	0.39	0.0
404788215	$3.61^{+0.19}_{-0.2}$	1.098	$11.68^{+0.03}_{-0.02}$	-26.65	0.1	$t_{trunc} = 1.0$	2	4.63	2.51	0.43	0.18
404798117	$3.46^{+0.38}_{-0.13}$	0.929	$12.08^{+0.26}_{-0.13}$	-27.31	0.11	$t_{trunc} = 0.1$	1/5	16.39	3.42	0.48	0.18
404886634	$3.72^{+0.15}_{-0.3}$	1.837	$11.76^{+0.02}_{-0.21}$	-26.92	0.1	$t_{trunc} = 0.1$	1	6.63	3.45	0.47	0.18
404907811	$3.61^{+0.32}_{-0.26}$	1.542	$11.89^{+0.54}_{-0.04}$	-26.86	0.23	$e^{-t/1.0 \text{ Gyr}}$	1/2	6.14	4.22	0.36	0.18
405937444	$3.64^{+0.19}_{-0.2}$	1.272	$11.83^{+0.01}_{-0.02}$	-27.02	0.1	$t_{trunc} = 1.0$	2	11.74	3.42	0.42	0.18
408135057	$3.77^{+0.23}_{-0.17}$	1.411	$11.41^{+0.04}_{-0.07}$	-25.97	0.1	$t_{trunc} = 0.1$	2	0.64	3.5	0.48	0.18
408311797	$3.83^{+0.1}_{-0.19}$	2.208	$11.88^{+0.05}_{-0.01}$	-27.15	0.1	CONSTANT	2	9.19	2.52	0.48	0.18
409127588	$3.77^{+0.21}_{-0.48}$	1.367	$11.85^{+0.41}_{-0.09}$	-26.38	0.11	SSP	2	4.41	3.45	0.52	0.0
411491335	$3.69^{+0.23}_{-0.17}$	1.521	$12.32^{+0.19}_{-0.08}$	-27.84	0.13	$e^{-t/0.1 \text{ Gyr}}$	2	27.57	3.19	0.43	0.18
411500732	$3.73^{+0.31}_{-0.24}$	2.43	$11.4^{+0.41}_{-0.03}$	-25.93	0.1	$t_{trunc} = 1.0$	2	0.7	3.4	0.46	0.18
412637681	$3.61^{+0.19}_{-0.25}$	2.309	$11.42^{+0.4}_{-0.01}$	-26.06	0.1	CONSTANT	1	0.49	2.48	0.46	0.18

Table A1 – continued

ID	z_{phot}	χ_r^2	$\log_{10}(M^*/M_{\odot})$	Abs. Mag. (<i>i</i>)	Age (Gyr)	SFH	[Z/H] (Z_{\odot})	σ_{AGN}	$z_{DESonly}$	z_{BPZ}	E (B-V)
414233666	$3.8^{+0.15}_{-0.3}$	2.121	$12.08^{+0.01}_{-0.21}$	-27.71	0.1	$t_{trunc} = 0.1$	1	11.09	3.29	0.46	0.18
414237423	$3.73^{+0.41}_{-0.29}$	1.102	$11.61^{+0.77}_{-0.22}$	-26.45	0.1	$t_{trunc} = 0.1$	2	2.3	3.58	0.43	0.18
417565185	$3.64^{+0.22}_{-0.23}$	1.051	$11.51^{+0.04}_{-0.27}$	-26.22	0.1	$t_{trunc} = 1.0$	2	1.49	2.5	0.39	0.18
431455424	$3.81^{+0.2}_{-0.24}$	1.217	$12.13^{+0.12}_{-0.09}$	-27.04	0.13	SSP	2	14.07	3.67	0.64	0.0
431827017	$3.77^{+0.16}_{-0.16}$	0.764	$11.83^{+0.04}_{-0.28}$	-27.01	0.1	$t_{trunc} = 0.1$	2	9.63	3.34	0.49	0.18
434401854	$3.69^{+0.14}_{-0.29}$	1.31	$12.25^{+0.08}_{-0.06}$	-27.82	0.16	$e^{-t/1.0}$ Gyr	1	29.43	3.42	0.44	0.18
444147103	$3.69^{+0.2}_{-0.36}$	1.289	$11.56^{+0.35}_{-0.38}$	-26.41	0.1	$t_{trunc} = 0.1$	1	4.9	3.42	0.46	0.18
470611726	$3.69^{+0.23}_{-0.47}$	1.081	$11.35^{+0.04}_{-0.29}$	-25.8	0.1	$t_{trunc} = 0.1$	2	7.27	2.5	0.5	0.18
470971747	$4.25^{+0.11}_{-0.89}$	0.739	$12.36^{+0.04}_{-0.85}$	-27.54	0.45	$e^{-t/0.1}$ Gyr	2	2.36	2.56	0.28	0.0
471600124	$3.94^{+0.49}_{-0.37}$	0.544	$11.72^{+0.36}_{-0.42}$	-26.17	0.32	$t_{trunc} = 0.3$	2	2.32	3.31	0.49	0.0
471985468	$3.64^{+0.14}_{-0.21}$	2.193	$12.13^{+0.07}_{-0.1}$	-27.32	0.11	$t_{trunc} = 0.1$	2	10.29	2.54	0.54	0.18
473133985	$3.67^{+0.22}_{-0.22}$	2.112	$11.6^{+0.43}_{-0.01}$	-26.52	0.1	$t_{trunc} = 1.0$	1	7.56	3.58	0.38	0.18
473136272	$3.64^{+0.17}_{-0.18}$	1.491	$11.91^{+0.03}_{-0.06}$	-27.16	0.1	$e^{-t/0.3}$ Gyr	2	11.56	2.52	0.41	0.18
473140970	$3.69^{+0.11}_{-0.27}$	1.047	$11.74^{+0.03}_{-0.01}$	-26.95	0.1	$t_{trunc} = 1.0$	1/2	9.56	3.34	0.42	0.18
473404298	$4.3^{+0.11}_{-0.14}$	0.554	$12.37^{+0.04}_{-0.2}$	-27.57	0.45	$e^{-t/0.1}$ Gyr	2	0.43	3.58	0.47	0.0
473408311	$3.75^{+0.16}_{-0.28}$	1.53	$11.79^{+0.39}_{-0.04}$	-27.08	0.1	$t_{trunc} = 0.1$	1/2	8.66	3.65	0.44	0.18
473411673	$3.69^{+0.22}_{-0.24}$	1.016	$11.54^{+0.02}_{-0.26}$	-26.28	0.1	$t_{trunc} = 1.0$	2	5.69	3.58	0.45	0.18
473496203	$4.3^{+0.08}_{-0.84}$	0.53	$12.25^{+0.37}_{-0.73}$	-26.98	1.28	$e^{-t/1.0}$ Gyr	2	0.37	3.05	0.38	0.0
473498930	$3.64^{+0.21}_{-0.18}$	0.992	$11.93^{+0.01}_{-0.01}$	-27.26	0.1	$t_{trunc} = 1.0$	2	20.72	3.42	0.41	0.18
473503196	$3.83^{+0.28}_{-0.18}$	0.835	$11.49^{+0.03}_{-0.26}$	-26.15	0.1	$t_{trunc} = 0.1$	2	3.37	3.5	0.59	0.18
473511031	$3.64^{+0.2}_{-0.16}$	1.643	$11.58^{+0.05}_{-0.07}$	-26.39	0.1	$t_{trunc} = 0.1$	2	1.92	2.44	0.41	0.18
473512115	$3.89^{+0.2}_{-0.34}$	2.122	$12.01^{+0.33}_{-0.37}$	-26.91	0.32	$t_{trunc} = 0.3$	2	3.44	3.58	0.43	0.0
473515263	$3.63^{+0.22}_{-0.2}$	1.616	$11.49^{+0.02}_{-0.01}$	-26.18	0.1	$t_{trunc} = 1.0$	2	2.27	3.4	0.45	0.18
473519025	$3.75^{+0.41}_{-0.35}$	1.318	$11.53^{+0.76}_{-0.36}$	-26.25	0.1	$t_{trunc} = 0.1$	2	0.81	3.4	0.5	0.18
473520285	$3.64^{+0.2}_{-0.21}$	1.199	$11.56^{+0.03}_{-0.02}$	-26.35	0.1	$t_{trunc} = 1.0$	2	3.35	3.42	0.38	0.18
473521671	$3.48^{+0.62}_{-0.13}$	1.08	$11.92^{+0.35}_{-0.16}$	-26.8	0.11	$t_{trunc} = 0.1$	2	2.5	3.45	0.58	0.18
473528868	$3.88^{+0.26}_{-0.48}$	0.686	$11.66^{+0.36}_{-0.12}$	-26.03	0.32	$t_{trunc} = 0.3$	2	1.9	3.59	0.5	0.0
473530252	$3.92^{+0.27}_{-0.31}$	1.431	$12.04^{+0.24}_{-0.36}$	-26.97	0.32	$t_{trunc} = 0.3$	2	0.76	3.5	0.46	0.0
477008049	$4.25^{+0.08}_{-0.17}$	0.681	$12.46^{+0.03}_{-0.22}$	-27.78	0.45	$e^{-t/0.1}$ Gyr	2	4.79	3.34	0.51	0.0
477008438	$3.77^{+0.19}_{-0.21}$	2.679	$11.63^{+0.01}_{-0.02}$	-26.52	0.1	$t_{trunc} = 1.0$	2	4.99	3.31	0.45	0.18
480339250	$3.86^{+0.25}_{-0.53}$	1.089	$11.57^{+0.03}_{-0.27}$	-26.37	0.1	$t_{trunc} = 0.1$	2	6.05	3.4	0.55	0.18
480995070	$3.75^{+0.16}_{-0.16}$	1.823	$11.67^{+0.0}_{-0.34}$	-26.62	0.1	$t_{trunc} = 0.1$	2	7.03	2.52	0.43	0.18
481350973	$3.67^{+0.28}_{-0.26}$	0.967	$11.55^{+0.86}_{-0.32}$	-26.48	0.1	$t_{trunc} = 1.0$	1/2	5.37	4.25	0.4	0.18
482208365	$3.69^{+0.16}_{-0.21}$	1.481	$11.86^{+0.04}_{-0.08}$	-27.03	0.1	$e^{-t/0.3}$ Gyr	2	13.71	2.5	0.44	0.18
483918716	$3.64^{+0.45}_{-0.48}$	1.28	$11.65^{+0.47}_{-0.02}$	-26.21	0.16	$e^{-t/0.1}$ Gyr	1/2	0.5	3.45	0.43	0.18
489254835	$3.83^{+0.37}_{-0.49}$	1.73	$11.55^{+0.75}_{-0.29}$	-26.31	0.1	$t_{trunc} = 0.1$	2	4.53	3.42	0.48	0.18

Table A1 – continued

ID	z_{phot}	χ^2_ν	$\log_{10}(M^*/M_\odot)$	Abs. Mag. (i)	Age (Gyr)	SFH	[Z/H] (Z_\odot)	σ_{AGN}	$z_{DESonly}$	z_{BPZ}	E (B-V)
490704656	$3.73^{+0.68}_{-0.35}$	1.209	$11.22^{+1.12}_{-0.27}$	-25.49	0.1	$t_{trunc} = 1.0$	2	0.75	3.4	0.51	0.18
494789087	$3.96^{+0.48}_{-0.38}$	1.445	$11.21^{+0.55}_{-0.1}$	-25.38	0.11	$t_{trunc} = 0.1$	2	0.73	2.63	0.4	0.0
494790027	$3.83^{+0.31}_{-0.19}$	1.281	$11.7^{+0.6}_{-0.08}$	-26.22	0.14	$t_{trunc} = 0.1$	2	3.18	2.58	0.52	0.0
494790169	$4.29^{+0.12}_{-0.62}$	0.598	$11.99^{+0.35}_{-0.11}$	-26.76	0.29	$e^{-t/0.1}$ Gyr	2	1.53	3.98	0.42	0.0
494792459	$4.11^{+0.36}_{-0.34}$	1.167	$11.16^{+1.68}_{-0.65}$	-25.27	0.11	$t_{trunc} = 0.1$	2	0.36	3.08	0.44	0.0
494793098	$3.98^{+0.29}_{-0.25}$	0.383	$11.87^{+0.25}_{-0.11}$	-26.55	0.32	$t_{trunc} = 0.3$	2	0.33	4.0	0.48	0.0
494800805	$4.25^{+0.1}_{-1.22}$	0.196	$12.29^{+0.26}_{-0.5}$	-27.19	0.81	$e^{-t/0.3}$ Gyr	2	0.64	3.15	0.39	0.0
494801634	$3.37^{+0.5}_{-0.3}$	0.437	$12.09^{+0.1}_{-0.01}$	-27.08	0.45	$t_{trunc} = 0.3$	1/5	0.95	3.56	0.35	0.0
495323159	$3.91^{+0.42}_{-0.31}$	1.903	$11.37^{+0.68}_{-0.08}$	-25.66	0.14	$t_{trunc} = 0.1$	1/5	0.54	2.65	0.41	0.0
495342175	$3.64^{+0.2}_{-0.23}$	2.408	$11.46^{+0.38}_{-0.27}$	-26.09	0.1	$t_{trunc} = 1.0$	2	0.81	2.46	0.4	0.18
495566911	$3.12^{+0.21}_{-0.15}$	0.438	$11.81^{+0.03}_{-0.11}$	-26.12	0.16	SSP	2	0.56	4.29	0.54	0.0
497171956	$3.72^{+0.24}_{-0.11}$	1.868	$11.93^{+0.04}_{-0.05}$	-27.26	0.1	$t_{trunc} = 0.1$	2	6.9	3.56	0.44	0.18
501217876	$3.69^{+0.16}_{-0.22}$	1.175	$11.87^{+0.01}_{-0.03}$	-27.11	0.1	CONSTANT	2	14.42	2.5	0.42	0.18
501218097	$3.84^{+0.11}_{-0.29}$	1.961	$11.96^{+0.09}_{-0.35}$	-26.78	0.32	$t_{trunc} = 0.3$	2	5.96	3.61	0.38	0.0
501524910	$3.92^{+0.25}_{-0.46}$	1.41	$12.01^{+0.36}_{-0.12}$	-26.91	0.32	$t_{trunc} = 0.3$	2	4.02	3.53	0.4	0.0
501577492	$3.69^{+0.15}_{-0.14}$	1.59	$12.12^{+0.01}_{-0.07}$	-27.73	0.1	$t_{trunc} = 0.1$	2	34.62	2.5	0.45	0.18
503984762	$3.77^{+0.27}_{-0.28}$	0.479	$11.76^{+0.36}_{-0.1}$	-26.28	0.32	$t_{trunc} = 0.3$	2	0.27	2.54	0.38	0.0
504038042	$3.73^{+0.22}_{-0.12}$	1.172	$11.95^{+0.04}_{-0.06}$	-27.3	0.1	$t_{trunc} = 0.1$	2	10.92	3.29	0.48	0.18
504056183	$3.76^{+0.18}_{-0.53}$	1.519	$11.6^{+0.0}_{-0.32}$	-26.51	0.1	$t_{trunc} = 0.1$	1	5.42	3.27	0.43	0.18
504194446	$3.77^{+0.25}_{-0.09}$	2.009	$11.87^{+0.03}_{-0.05}$	-27.1	0.1	$t_{trunc} = 0.1$	2	9.77	3.4	0.48	0.18
504330828	$3.58^{+0.11}_{-0.21}$	2.148	$11.49^{+0.03}_{-0.03}$	-26.32	0.1	CONSTANT	1/2	4.25	2.45	0.35	0.18
505028285	$3.69^{+0.26}_{-0.13}$	1.048	$11.9^{+0.04}_{-0.06}$	-27.18	0.1	$t_{trunc} = 0.1$	2	17.04	3.56	0.47	0.18
506017320	$3.77^{+0.19}_{-0.14}$	0.719	$11.63^{+0.03}_{-0.07}$	-26.5	0.1	$t_{trunc} = 0.1$	2	4.07	3.37	0.49	0.18
506345182	$3.73^{+0.44}_{-0.47}$	1.044	$11.41^{+0.78}_{-0.31}$	-25.97	0.1	$t_{trunc} = 0.1$	2	1.09	3.4	0.53	0.18
506534457	$3.64^{+0.18}_{-0.13}$	1.484	$11.86^{+0.03}_{-0.06}$	-27.08	0.1	$t_{trunc} = 0.1$	2	8.97	2.49	0.4	0.18
506537406	$3.73^{+0.24}_{-0.24}$	1.615	$11.57^{+0.03}_{-0.25}$	-26.35	0.1	$t_{trunc} = 0.1$	2	4.12	2.61	0.5	0.18
507681715	$3.81^{+0.62}_{-0.41}$	1.395	$11.97^{+0.88}_{-0.04}$	-26.65	0.36	$t_{trunc} = 0.3$	1	5.25	2.56	0.41	0.0
507785363	$3.46^{+0.72}_{-0.18}$	0.872	$11.83^{+0.33}_{-0.08}$	-26.56	0.13	$t_{trunc} = 0.1$	1/2	0.67	2.64	0.48	0.18
507791066	$3.62^{+0.17}_{-0.21}$	1.08	$11.92^{+0.16}_{-0.1}$	-27.13	0.11	$e^{-t/0.1}$ Gyr	1/2	10.98	4.25	0.47	0.18
507791331	$3.75^{+0.19}_{-0.21}$	1.514	$12.4^{+0.12}_{-0.07}$	-27.95	0.14	$e^{-t/0.1}$ Gyr	2	30.31	2.5	0.48	0.18
507810919	$3.69^{+0.15}_{-0.31}$	1.282	$11.66^{+0.01}_{-0.27}$	-26.67	0.1	$t_{trunc} = 0.1$	1	9.6	2.55	0.41	0.18
507820438	$3.64^{+0.19}_{-0.2}$	0.78	$12.05^{+0.04}_{-0.08}$	-27.47	0.11	$e^{-t/1.0}$ Gyr	2	18.39	4.28	0.42	0.18
508601732	$4.13^{+0.16}_{-0.15}$	1.847	$11.72^{+0.05}_{-0.07}$	-26.74	0.1	$t_{trunc} = 0.1$	2	5.08	3.53	0.65	0.18
618652137	$3.7^{+0.17}_{-0.24}$	0.918	$11.81^{+0.0}_{-0.27}$	-27.05	0.1	$t_{trunc} = 0.1$	1	4.1	3.5	0.45	0.18
618663972	$3.69^{+0.21}_{-0.2}$	1.575	$12.07^{+0.13}_{-0.03}$	-27.31	0.11	$e^{-t/0.1}$ Gyr	2	8.83	3.53	0.52	0.18
618664093	$3.73^{+0.13}_{-0.31}$	1.132	$11.68^{+0.0}_{-0.25}$	-26.81	0.1	$t_{trunc} = 0.1$	1/2	1.29	3.4	0.47	0.18

Table A1 – *continued*

ID	z_{phot}	χ_r^2	$\log_{10}(M^*/M_\odot)$	Abs. Mag. (i)	Age (Gyr)	SFH	[Z/H] (Z_\odot)	σ_{AGN}	$z_{DESonly}$	z_{BPZ}	E (B-V)
618664306	$4.33^{+0.08}_{-0.12}$	1.867	$12.48^{+0.23}_{-0.16}$	-27.93	0.36	$e^{-t/0.1 \text{ Gyr}}$	2	1.62	3.25	0.41	0.0

Table A2. As in Table A1, but for the Calzetti-type reddening.

ID	z_{phot}	χ^2_r	$\log_{10}(M^*/M_\odot)$	Abs. Mag. (i)	Age (Gyr)	SFH	[Z/H] (Z_\odot)	σ_{AGN}	$z_{DESonly}$	z_{BPZ}	E (B-V)
100669215	$3.87^{+0.39}_{-0.38}$	0.863	$11.74^{+0.25}_{-0.28}$	-26.5	0.1	$t_{trunc} = 0.1$	2	0.04	2.65	0.47	0.25
102002089	$4.22^{+0.12}_{-0.44}$	1.209	$11.65^{+0.04}_{-0.02}$	-26.26	0.1	$t_{trunc} = 0.1$	2	5.59	3.31	0.51	0.25
102009403	$4.05^{+0.13}_{-0.38}$	2.106	$12.07^{+0.02}_{-0.33}$	-27.33	0.1	$t_{trunc} = 0.1$	2	1.71	3.75	0.35	0.25
102031864	$4.01^{+0.28}_{-0.19}$	2.487	$12.31^{+0.4}_{-0.01}$	-27.6	0.1	$t_{trunc} = 1.0$	2	3.34	3.58	0.5	0.37
105765488	$4.1^{+0.24}_{-0.47}$	1.199	$12.19^{+0.44}_{-0.28}$	-27.29	0.1	$t_{trunc} = 0.1$	2	2.41	2.56	0.51	0.37
115286147	$3.96^{+0.31}_{-0.32}$	0.35	$11.63^{+0.15}_{-0.0}$	-26.23	0.1	$t_{trunc} = 1.0$	2	0.66	3.25	0.43	0.25
132987082	$3.98^{+0.22}_{-0.21}$	0.733	$11.96^{+0.08}_{-0.04}$	-27.03	0.1	$t_{trunc} = 0.1$	2	7.21	3.64	0.37	0.25
133076071	$3.56^{+0.75}_{-0.25}$	0.926	$12.23^{+0.6}_{-0.02}$	-26.75	0.1	SSP	2	1.9	3.4	0.49	0.25
133575827	$4.11^{+0.18}_{-0.22}$	1.165	$12.23^{+0.33}_{-0.05}$	-27.4	0.1	$t_{trunc} = 0.1$	2	11.06	3.31	0.5	0.37
133592684	$3.81^{+0.65}_{-0.48}$	0.023	$12.07^{+0.62}_{-0.2}$	-26.65	0.13	$t_{trunc} = 0.1$	2	1.18	3.71	0.51	0.25
133755647	$3.73^{+0.63}_{-0.45}$	0.404	$12.41^{+0.13}_{-0.18}$	-27.14	0.18	$e^{-t/0.1}$ Gyr	2	0.38	3.75	0.33	0.37
133779875	$4.13^{+0.2}_{-0.51}$	0.978	$12.11^{+0.33}_{-0.25}$	-27.08	0.1	$t_{trunc} = 0.1$	2	4.32	3.64	0.52	0.37
133785852	$3.69^{+0.57}_{-0.38}$	0.773	$11.77^{+0.47}_{-0.03}$	-26.26	0.1	CONSTANT	2	1.44	2.46	0.46	0.37
134036466	$3.96^{+0.3}_{-0.34}$	0.829	$12.17^{+0.48}_{-0.26}$	-27.24	0.1	$t_{trunc} = 0.1$	2	1.73	3.73	0.51	0.37
134797801	$4.04^{+0.29}_{-0.76}$	1.2	$11.67^{+0.37}_{-0.17}$	-26.33	0.1	$t_{trunc} = 0.1$	2	0.82	3.15	0.48	0.25
135449486	$3.73^{+0.56}_{-0.54}$	0.707	$11.9^{+0.25}_{-0.12}$	-26.57	0.1	$t_{trunc} = 1.0$	2	2.37	3.25	0.4	0.37
135756581	$4.02^{+0.19}_{-0.2}$	0.85	$12.44^{+0.18}_{-0.01}$	-27.93	0.1	$t_{trunc} = 1.0$	2	2.51	3.35	0.53	0.37
135760809	$3.75^{+0.19}_{-0.31}$	0.731	$12.2^{+0.3}_{-0.08}$	-27.32	0.1	$t_{trunc} = 0.1$	2	1.05	3.69	0.45	0.37
135856576	$3.64^{+0.31}_{-0.32}$	1.148	$12.19^{+0.54}_{-0.03}$	-27.31	0.1	$e^{-t/0.3}$ Gyr	1	0.4	3.64	0.42	0.37
135857162	$3.86^{+0.32}_{-0.43}$	1.097	$12.0^{+0.09}_{-0.06}$	-26.82	0.1	CONSTANT	2	0.05	3.45	0.39	0.37
136034648	$4.01^{+0.37}_{-0.53}$	0.488	$11.5^{+0.52}_{-0.07}$	-25.88	0.1	$t_{trunc} = 0.1$	2	0.39	3.79	0.42	0.25
137552954	$3.8^{+0.31}_{-0.36}$	1.028	$12.21^{+0.19}_{-0.02}$	-27.36	0.1	CONSTANT	2	1.72	3.4	0.41	0.37
137650861	$3.44^{+0.61}_{-0.08}$	0.733	$12.1^{+0.66}_{-0.04}$	-26.95	0.11	$t_{trunc} = 0.1$	2	1.76	3.4	0.42	0.25
137806706	$3.94^{+0.53}_{-0.43}$	0.234	$12.12^{+0.27}_{-0.3}$	-26.84	0.32	$t_{trunc} = 0.3$	2	0.06	3.94	0.49	0.12
164738777	$3.69^{+0.53}_{-0.53}$	0.571	$12.22^{+0.15}_{-0.46}$	-26.8	0.23	$e^{-t/0.1}$ Gyr	2	1.85	2.38	0.51	0.25
285308599	$3.81^{+0.6}_{-0.52}$	0.176	$11.9^{+0.58}_{-0.01}$	-26.46	0.11	$t_{trunc} = 0.1$	2	0.37	2.58	0.4	0.25
287114376	$4.0^{+0.31}_{-0.27}$	1.173	$12.3^{+0.31}_{-0.01}$	-27.57	0.1	$t_{trunc} = 1.0$	2	2.52	3.33	0.41	0.37
287127591	$3.67^{+0.64}_{-0.42}$	0.138	$11.95^{+0.41}_{-0.09}$	-26.68	0.1	$t_{trunc} = 0.1$	2	1.94	3.73	0.4	0.37
289328303	$4.01^{+0.29}_{-0.39}$	0.6	$12.04^{+0.37}_{-0.1}$	-26.91	0.1	$t_{trunc} = 0.1$	2	0.3	2.52	0.45	0.37
289329064	$4.2^{+0.18}_{-0.45}$	0.744	$12.01^{+0.35}_{-0.23}$	-26.86	0.1	$t_{trunc} = 1.0$	2	2.4	3.69	0.54	0.37
290792079	$3.42^{+0.85}_{-0.2}$	1.864	$12.01^{+0.69}_{-0.14}$	-26.74	0.11	$t_{trunc} = 0.1$	2	2.83	3.42	0.36	0.25
395017226	$3.69^{+0.35}_{-0.33}$	0.435	$12.23^{+0.39}_{-0.07}$	-27.34	0.1	$e^{-t/0.3}$ Gyr	2	2.96	3.4	0.41	0.37
395746810	$4.04^{+0.26}_{-0.29}$	0.244	$12.28^{+0.35}_{-0.0}$	-27.54	0.1	$t_{trunc} = 1.0$	2	8.31	3.25	0.45	0.37
396223342	$4.04^{+0.17}_{-0.18}$	0.557	$11.92^{+0.32}_{-0.34}$	-26.95	0.1	$t_{trunc} = 0.3$	2	4.44	3.44	0.37	0.25
396276124	$3.85^{+0.32}_{-0.18}$	0.701	$12.32^{+0.36}_{-0.01}$	-27.63	0.1	$t_{trunc} = 1.0$	2	2.61	3.42	0.48	0.37
396551822	$3.77^{+0.54}_{-0.38}$	0.231	$12.07^{+0.06}_{-0.03}$	-27.01	0.1	$t_{trunc} = 1.0$	2	1.27	3.29	0.47	0.37

Table A2 – continued

ID	z_{phot}	χ^2_r	$\log_{10}(M^*/M_\odot)$	Abs. Mag. (<i>i</i>)	Age (Gyr)	SFH	[Z/H] (Z_\odot)	σ_{AGN}	$z_{DESonly}$	z_{BPZ}	E (B-V)
397300605	4.14 ^{+0.15} _{-0.13}	1.197	12.03 ^{+0.4} _{-0.02}	-27.23	0.1	$t_{trunc} = 1.0$	2	7.77	3.29	0.47	0.25
397303505	3.8 ^{+0.34} _{-0.34}	1.263	12.19 ^{+0.18} _{-0.02}	-27.29	0.1	CONSTANT	2	4.8	3.4	0.49	0.37
397554368	3.77 ^{+0.54} _{-0.33}	0.717	12.12 ^{+0.41} _{-0.05}	-27.09	0.11	$t_{trunc} = 0.1$	1	3.19	3.61	0.37	0.25
397885462	4.14 ^{+0.22} _{-0.67}	0.569	12.11 ^{+0.53} _{-0.18}	-27.08	0.1	$t_{trunc} = 0.1$	2	1.74	3.29	0.5	0.37
398107560	3.91 ^{+0.29} _{-0.21}	0.699	12.25 ^{+0.13} _{-0.04}	-27.46	0.1	CONSTANT	2	3.3	3.4	0.45	0.37
399842613	4.25 ^{+0.15} _{-0.16}	1.231	12.22 ^{+0.45} _{-0.02}	-27.37	0.1	$t_{trunc} = 0.1$	2	0.36	3.32	0.59	0.37
401003476	3.86 ^{+0.42} _{-0.53}	0.44	12.0 ^{+0.19} _{-0.34}	-26.54	0.16	$e^{-t/0.1}$ Gyr	2	1.37	3.4	0.39	0.25
401582291	3.7 ^{+0.6} _{-0.46}	0.259	11.91 ^{+0.35} _{-0.04}	-26.49	0.11	$t_{trunc} = 0.1$	2	2.58	2.46	0.4	0.25
404760121	3.88 ^{+0.33} _{-0.28}	0.224	11.79 ^{+0.43} _{-0.3}	-26.63	0.1	$t_{trunc} = 0.1$	2	4.56	3.61	0.4	0.25
404798494	3.92 ^{+0.17} _{-0.1}	0.823	12.02 ^{+0.04} _{-0.05}	-27.2	0.1	$t_{trunc} = 0.1$	2	7.32	3.34	0.44	0.25
404907811	3.72 ^{+0.42} _{-0.32}	0.664	12.28 ^{+0.21} _{-0.02}	-27.52	0.1	$e^{-t/1.0}$ Gyr	2	6.14	3.4	0.36	0.37
405529691	3.71 ^{+0.43} _{-0.31}	0.264	12.42 ^{+0.12} _{-0.12}	-27.72	0.11	$e^{-t/0.3}$ Gyr	2	7.91	3.42	0.41	0.37
405537460	4.2 ^{+0.18} _{-0.84}	0.301	12.07 ^{+0.52} _{-0.11}	-26.99	0.1	$t_{trunc} = 0.1$	2	7.74	3.39	0.59	0.37
405539533	3.8 ^{+0.35} _{-0.37}	0.246	12.2 ^{+0.19} _{-0.03}	-27.33	0.1	$t_{trunc} = 1.0$	2	2.12	3.45	0.46	0.37
405686502	3.99 ^{+0.32} _{-0.38}	0.789	11.63 ^{+0.15} _{-0.34}	-26.22	0.1	$t_{trunc} = 1.0$	2	1.33	3.25	0.41	0.25
405937444	4.04 ^{+0.12} _{-0.14}	1.5	12.21 ^{+0.03} _{-0.35}	-27.67	0.1	$t_{trunc} = 0.1$	2	11.74	3.4	0.42	0.25
406039218	3.76 ^{+0.37} _{-0.17}	1.012	12.5 ^{+0.15} _{-0.0}	-28.09	0.1	$t_{trunc} = 1.0$	2	22.07	3.42	0.39	0.37
406366767	3.44 ^{+0.86} _{-0.25}	0.957	12.04 ^{+0.25} _{-0.0}	-26.82	0.11	$t_{trunc} = 0.1$	2	0.03	3.29	0.43	0.25
407630148	3.88 ^{+0.38} _{-0.34}	0.985	12.05 ^{+0.16} _{-0.02}	-26.95	0.1	CONSTANT	2	2.07	3.37	0.53	0.37
408132796	3.76 ^{+0.4} _{-0.33}	1.048	12.36 ^{+0.48} _{-0.09}	-27.71	0.1	$t_{trunc} = 0.1$	2	4.01	3.34	0.46	0.37
408135057	4.08 ^{+0.24} _{-0.24}	1.633	12.08 ^{+0.42} _{-0.02}	-27.02	0.1	$t_{trunc} = 1.0$	2	0.64	3.75	0.48	0.37
409127588	4.11 ^{+0.21} _{-0.63}	1.095	12.14 ^{+0.35} _{-0.23}	-27.18	0.1	$t_{trunc} = 1.0$	2	4.41	3.48	0.52	0.37
410163990	4.11 ^{+0.22} _{-0.49}	0.959	12.22 ^{+0.26} _{-0.23}	-27.38	0.1	$t_{trunc} = 0.1$	2	0.52	2.51	0.54	0.37
411500732	4.17 ^{+0.13} _{-0.28}	1.938	11.77 ^{+0.03} _{-0.31}	-26.57	0.1	$t_{trunc} = 0.1$	2	0.7	3.37	0.46	0.25
411502452	3.94 ^{+0.28} _{-0.42}	0.828	11.96 ^{+0.46} _{-0.32}	-27.06	0.1	$t_{trunc} = 0.1$	2	2.72	3.4	0.41	0.25
412637681	3.94 ^{+0.26} _{-0.47}	1.938	11.79 ^{+0.44} _{-0.29}	-26.61	0.1	$t_{trunc} = 0.1$	2	0.49	2.48	0.46	0.25
414173316	3.67 ^{+0.5} _{-0.2}	0.421	11.76 ^{+0.31} _{-0.0}	-26.56	0.1	CONSTANT	2	2.24	3.4	0.34	0.25
414235028	4.04 ^{+0.29} _{-0.61}	0.151	12.08 ^{+0.46} _{-0.19}	-27.07	0.16	CONSTANT	2	8.39	3.29	0.35	0.25
414237423	4.0 ^{+0.31} _{-0.3}	0.331	12.26 ^{+0.17} _{-0.01}	-27.48	0.1	$t_{trunc} = 1.0$	2	2.3	3.46	0.43	0.37
414248322	3.8 ^{+0.48} _{-0.27}	0.397	12.08 ^{+0.12} _{-0.04}	-27.06	0.1	$t_{trunc} = 0.3$	1/5	4.73	3.67	0.45	0.37
415246403	3.79 ^{+0.37} _{-0.35}	1.017	11.98 ^{+0.35} _{-0.02}	-26.79	0.1	CONSTANT	2	0.17	2.46	0.49	0.37
417446833	3.86 ^{+0.51} _{-0.46}	0.283	12.12 ^{+0.39} _{-0.23}	-26.77	0.13	$t_{trunc} = 0.1$	2	0.43	3.65	0.57	0.25
417565001	3.83 ^{+0.13} _{-0.34}	2.192	11.86 ^{+0.03} _{-0.28}	-26.8	0.1	$t_{trunc} = 0.1$	2	2.01	2.42	0.37	0.25
417565185	3.83 ^{+0.41} _{-0.33}	0.801	12.21 ^{+0.08} _{-0.02}	-27.35	0.1	CONSTANT	2	1.49	3.77	0.39	0.37
417579802	3.83 ^{+0.41} _{-0.48}	0.281	12.41 ^{+0.46} _{-0.04}	-27.52	0.1	$t_{trunc} = 0.1$	2	6.89	3.5	0.51	0.49
429617726	3.92 ^{+0.33} _{-0.26}	0.289	12.3 ^{+0.44} _{-0.29}	-27.56	0.1	$t_{trunc} = 0.1$	2	5.91	3.34	0.46	0.37

Table A2 – continued

ID	z_{phot}	χ^2_r	$\log_{10}(M^*/M_\odot)$	Abs. Mag. (<i>i</i>)	Age (Gyr)	SFH	[Z/H] (Z_\odot)	σ_{AGN}	$z_{DESonly}$	z_{BPZ}	E (B-V)
431449768	$3.76^{+0.4}_{-0.37}$	0.636	$12.1^{+0.07}_{-0.03}$	-27.07	0.1	$t_{trunc} = 1.0$	2	3.77	3.4	0.34	0.37
431455424	$3.81^{+0.53}_{-0.24}$	1.217	$12.13^{+0.27}_{-0.09}$	-27.04	0.13	SSP	2	14.07	3.42	0.64	0.0
444147103	$3.87^{+0.34}_{-0.39}$	0.609	$12.23^{+0.18}_{-0.04}$	-27.39	0.1	$t_{trunc} = 1.0$	2	4.9	3.44	0.46	0.37
444182193	$3.89^{+0.3}_{-0.41}$	0.76	$12.26^{+0.39}_{-0.22}$	-27.47	0.1	$t_{trunc} = 0.1$	2	9.0	3.64	0.43	0.37
446501990	$4.24^{+0.17}_{-0.23}$	0.934	$12.18^{+0.36}_{-0.03}$	-27.27	0.1	$t_{trunc} = 1.0$	2	2.7	3.88	0.5	0.37
465281154	$4.13^{+0.2}_{-0.44}$	0.128	$11.84^{+0.52}_{-0.36}$	-26.75	0.1	$t_{trunc} = 0.1$	2	8.61	3.4	0.39	0.25
470611726	$3.88^{+0.38}_{-0.5}$	0.538	$12.04^{+0.27}_{-0.06}$	-26.93	0.1	$t_{trunc} = 0.1$	2	7.27	3.64	0.5	0.37
470971747	$3.83^{+0.52}_{-0.46}$	0.57	$12.39^{+0.0}_{-0.28}$	-27.22	1.02	$t_{trunc} = 1.0$	1	2.36	2.54	0.28	0.12
471106730	$4.11^{+0.27}_{-0.82}$	0.184	$12.09^{+0.02}_{-0.1}$	-26.62	0.29	$e^{-t/0.3}$ Gyr	2	0.54	3.38	0.42	0.25
471394809	$3.88^{+0.42}_{-0.46}$	0.932	$12.22^{+0.0}_{-0.25}$	-26.89	0.32	$e^{-t/0.3}$ Gyr	2	4.72	3.81	0.4	0.25
471566339	$3.71^{+0.3}_{-0.27}$	0.576	$11.84^{+0.38}_{-0.04}$	-26.75	0.1	$t_{trunc} = 0.1$	2	5.77	2.46	0.29	0.25
471600124	$4.14^{+0.26}_{-0.51}$	0.213	$11.77^{+0.3}_{-0.28}$	-26.36	0.14	CONSTANT	2	2.32	3.25	0.49	0.25
471612288	$3.92^{+0.33}_{-0.45}$	0.448	$11.63^{+0.39}_{-0.31}$	-26.21	0.1	$t_{trunc} = 0.1$	2	0.92	3.29	0.39	0.25
471703164	$3.83^{+0.43}_{-0.46}$	0.273	$11.54^{+0.26}_{-0.19}$	-26.0	0.1	CONSTANT	2	0.51	3.46	0.36	0.25
473133985	$4.01^{+0.18}_{-0.28}$	0.903	$11.99^{+0.16}_{-0.29}$	-27.11	0.1	$t_{trunc} = 0.1$	2	7.56	3.58	0.38	0.25
473140970	$3.96^{+0.19}_{-0.09}$	0.896	$12.11^{+0.29}_{-0.28}$	-27.43	0.1	$t_{trunc} = 0.1$	2	9.56	3.43	0.42	0.25
473404298	$3.85^{+0.53}_{-0.45}$	0.14	$11.98^{+0.42}_{-0.15}$	-26.76	0.1	$e^{-t/1.0}$ Gyr	2	0.43	3.69	0.47	0.37
473408311	$4.08^{+0.14}_{-0.13}$	0.674	$12.15^{+0.26}_{-0.28}$	-27.51	0.1	$t_{trunc} = 0.1$	2	8.66	3.65	0.44	0.25
473411673	$4.1^{+0.15}_{-0.33}$	0.533	$11.91^{+0.26}_{-0.35}$	-26.91	0.1	$t_{trunc} = 0.1$	2	5.69	3.61	0.45	0.25
473496203	$4.16^{+0.22}_{-0.55}$	0.383	$11.41^{+0.51}_{-0.16}$	-26.07	0.1	$t_{trunc} = 0.1$	1	0.37	3.05	0.38	0.12
473498930	$4.05^{+0.13}_{-0.08}$	1.032	$12.31^{+0.03}_{-0.04}$	-27.91	0.1	$t_{trunc} = 0.1$	2	20.72	3.53	0.41	0.25
473503196	$4.13^{+0.23}_{-0.25}$	0.547	$12.15^{+0.43}_{-0.01}$	-27.19	0.1	$t_{trunc} = 1.0$	2	3.37	3.31	0.59	0.37
473511031	$3.86^{+0.34}_{-0.19}$	1.458	$12.21^{+0.36}_{-0.04}$	-27.36	0.1	CONSTANT	2	1.92	2.44	0.41	0.37
473512115	$4.11^{+0.18}_{-0.29}$	1.324	$12.01^{+0.51}_{-0.37}$	-27.16	0.1	$t_{trunc} = 0.1$	2	3.44	3.62	0.43	0.25
473514761	$4.2^{+0.14}_{-0.47}$	1.842	$12.25^{+0.23}_{-0.45}$	-27.03	0.72	$e^{-t/1.0}$ Gyr	2	3.02	3.15	0.46	0.12
473515047	$3.81^{+0.41}_{-0.37}$	0.625	$12.35^{+0.03}_{-0.15}$	-27.31	0.26	$e^{-t/0.3}$ Gyr	2	3.13	3.4	0.37	0.25
473515263	$4.08^{+0.17}_{-0.16}$	0.998	$11.8^{+0.16}_{-0.01}$	-26.65	0.1	CONSTANT	2	2.27	3.34	0.45	0.25
473519025	$4.01^{+0.29}_{-0.31}$	0.714	$12.18^{+0.15}_{-0.02}$	-27.27	0.1	$t_{trunc} = 1.0$	2	0.81	3.46	0.5	0.37
473520285	$3.8^{+0.37}_{-0.18}$	1.077	$12.24^{+0.34}_{-0.0}$	-27.44	0.1	CONSTANT	2	3.35	3.4	0.38	0.37
473520601	$4.14^{+0.19}_{-0.38}$	0.503	$12.23^{+0.22}_{-0.1}$	-27.41	0.1	$t_{trunc} = 1.0$	2	2.05	3.55	0.56	0.37
473521671	$4.13^{+0.14}_{-0.18}$	0.866	$12.3^{+0.02}_{-0.03}$	-27.57	0.1	$t_{trunc} = 0.1$	2	2.5	3.45	0.58	0.37
473528868	$4.05^{+0.31}_{-0.57}$	0.208	$11.64^{+0.37}_{-0.31}$	-26.24	0.1	$t_{trunc} = 0.1$	2	1.9	3.63	0.5	0.25
473530252	$4.11^{+0.22}_{-0.26}$	0.371	$12.02^{+0.82}_{-0.3}$	-27.2	0.1	$t_{trunc} = 0.1$	2	0.76	3.75	0.46	0.25
473532585	$4.04^{+0.22}_{-0.31}$	0.523	$11.91^{+0.43}_{-0.35}$	-26.91	0.1	$t_{trunc} = 0.1$	2	0.78	3.33	0.43	0.25
476998818	$3.76^{+0.38}_{-0.37}$	1.496	$12.39^{+0.07}_{-0.27}$	-27.81	0.1	$t_{trunc} = 1.0$	2	8.94	3.46	0.33	0.37
477008049	$3.8^{+0.52}_{-0.58}$	0.339	$12.28^{+0.2}_{-0.13}$	-27.18	0.2	CONSTANT	1	4.79	3.45	0.51	0.37

Table A2 – continued

ID	z_{phot}	χ^2_r	$\log_{10}(M^*/M_\odot)$	Abs. Mag. (<i>i</i>)	Age (Gyr)	SFH	[Z/H] (Z_\odot)	σ_{AGN}	$z_{DESonly}$	z_{BPZ}	E (B-V)
477008438	4.2 ^{+0.08} _{-0.14}	2.353	11.92 ^{+0.03} _{-0.02}	-26.95	0.1	CONSTANT	2	4.99	3.29	0.45	0.25
479472291	3.83 ^{+0.49} _{-0.52}	0.957	11.85 ^{+0.57} _{-0.05}	-26.44	0.1	$t_{trunc} = 0.1$	2	0.38	2.4	0.56	0.37
479999051	3.46 ^{+0.81} _{-0.06}	0.255	12.35 ^{+0.43} _{-0.12}	-27.57	0.11	$t_{trunc} = 0.1$	2	3.53	3.4	0.36	0.25
480008436	3.48 ^{+0.82} _{-0.2}	0.365	12.47 ^{+0.67} _{-0.15}	-27.89	0.11	$t_{trunc} = 0.1$	2	10.76	3.29	0.41	0.25
480339250	4.13 ^{+0.19} _{-0.53}	0.613	12.3 ^{+0.53} _{-0.07}	-27.57	0.1	$t_{trunc} = 0.1$	2	6.05	3.34	0.55	0.37
481065880	3.87 ^{+0.43} _{-0.29}	1.102	12.27 ^{+0.31} _{-0.01}	-27.51	0.1	$t_{trunc} = 1.0$	2	4.82	2.64	0.5	0.37
481350973	3.97 ^{+0.33} _{-0.35}	0.275	11.94 ^{+0.39} _{-0.34}	-26.98	0.1	$t_{trunc} = 0.1$	2	5.37	3.64	0.4	0.25
481989803	3.76 ^{+0.62} _{-0.47}	0.543	12.0 ^{+0.59} _{-0.03}	-26.71	0.11	$t_{trunc} = 0.1$	2	3.48	3.29	0.43	0.25
481994767	4.2 ^{+0.25} _{-0.63}	0.245	11.5 ^{+0.54} _{-0.25}	-25.89	0.1	$t_{trunc} = 0.1$	2	0.98	3.49	0.51	0.25
482001634	3.88 ^{+0.38} _{-0.56}	1.609	12.04 ^{+0.01} _{-0.29}	-26.44	0.32	$e^{-t/0.3}$ Gyr	2	0.04	3.34	0.44	0.25
483918716	4.11 ^{+0.25} _{-0.83}	0.701	12.45 ^{+0.06} _{-0.38}	-27.28	0.64	$e^{-t/1.0}$ Gyr	2	0.5	3.37	0.43	0.25
489254835	4.11 ^{+0.25} _{-0.39}	0.866	12.21 ^{+0.42} _{-0.11}	-27.34	0.1	$t_{trunc} = 1.0$	2	4.53	3.75	0.48	0.37
490689649	4.1 ^{+0.11} _{-0.33}	1.02	12.41 ^{+0.07} _{-0.1}	-27.88	0.11	$e^{-t/0.1}$ Gyr	2	23.72	3.25	0.42	0.25
490704656	4.17 ^{+0.21} _{-0.71}	0.896	12.45 ^{+0.13} _{-0.38}	-27.31	0.45	$e^{-t/0.3}$ Gyr	2	0.75	3.29	0.51	0.25
492431224	4.17 ^{+0.19} _{-0.8}	0.868	12.22 ^{+0.74} _{-0.05}	-27.36	0.1	$t_{trunc} = 0.1$	2	7.22	3.29	0.54	0.37
492605523	3.77 ^{+0.33} _{-0.12}	0.595	11.8 ^{+0.36} _{-0.27}	-26.64	0.1	$t_{trunc} = 0.1$	2	5.57	3.75	0.41	0.25
493212188	4.08 ^{+0.18} _{-0.37}	0.799	11.83 ^{+0.32} _{-0.34}	-26.72	0.1	$t_{trunc} = 0.1$	2	3.81	3.5	0.4	0.25
493739755	4.21 ^{+0.21} _{-0.45}	0.94	12.1 ^{+0.43} _{-0.24}	-27.07	0.1	$t_{trunc} = 0.3$	2	4.09	3.15	0.5	0.37
493882026	3.69 ^{+0.4} _{-0.46}	0.421	11.96 ^{+0.19} _{-0.14}	-26.71	0.1	$e^{-t/1.0}$ Gyr	2	1.0	2.46	0.44	0.37
494789087	3.96 ^{+0.48} _{-0.38}	1.445	11.21 ^{+0.55} _{-0.1}	-25.38	0.11	$t_{trunc} = 0.1$	2	0.73	2.63	0.4	0.0
494790027	4.04 ^{+0.35} _{-0.38}	1.06	11.84 ^{+0.36} _{-0.05}	-26.62	0.11	$t_{trunc} = 0.1$	2	3.18	2.58	0.52	0.12
494790169	4.08 ^{+0.32} _{-0.39}	0.243	11.79 ^{+0.55} _{-0.06}	-26.66	0.1	CONSTANT	1/5	1.53	3.96	0.42	0.25
494790792	3.95 ^{+0.44} _{-0.65}	0.243	12.24 ^{+0.38} _{-0.05}	-27.49	0.1	$t_{trunc} = 0.1$	1	4.72	3.26	0.5	0.37
494791393	3.75 ^{+0.61} _{-0.4}	0.724	11.65 ^{+0.14} _{-0.21}	-25.82	0.13	SSP	2	0.52	3.4	0.59	0.0
494792459	4.25 ^{+0.2} _{-0.42}	0.761	11.16 ^{+1.67} _{-0.63}	-25.36	0.1	$t_{trunc} = 0.1$	2	0.36	3.15	0.44	0.12
494793098	4.02 ^{+0.4} _{-0.32}	0.179	11.85 ^{+0.34} _{-0.1}	-26.65	0.11	$t_{trunc} = 0.1$	2	0.33	3.81	0.48	0.12
494793167	4.09 ^{+0.24} _{-0.47}	0.229	11.8 ^{+0.38} _{-0.35}	-26.64	0.1	$t_{trunc} = 0.1$	2	2.53	3.75	0.41	0.25
494800805	4.25 ^{+0.1} _{-1.22}	0.196	12.29 ^{+0.26} _{-0.5}	-27.19	0.81	$e^{-t/0.3}$ Gyr	2	0.64	3.15	0.39	0.0
494801634	3.34 ^{+0.53} _{-0.26}	0.373	12.04 ^{+0.61} _{-0.06}	-26.95	0.1	SSP	1/2	0.95	3.44	0.35	0.12
495323159	3.92 ^{+0.41} _{-0.48}	1.814	11.5 ^{+0.22} _{-0.07}	-25.9	0.11	$t_{trunc} = 0.1$	1/5	0.54	2.65	0.41	0.12
495325646	3.74 ^{+0.58} _{-0.45}	0.378	11.85 ^{+0.25} _{-0.16}	-26.45	0.1	$t_{trunc} = 1.0$	2	0.18	3.29	0.48	0.37
495342175	3.75 ^{+0.29} _{-0.25}	1.587	12.2 ^{+0.38} _{-0.05}	-27.32	0.1	$t_{trunc} = 0.1$	2	0.81	2.46	0.4	0.37
495508558	4.25 ^{+0.11} _{-0.18}	1.819	11.86 ^{+0.4} _{-0.06}	-26.79	0.1	$t_{trunc} = 0.3$	2	0.02	3.29	0.39	0.25
495566911	3.12 ^{+0.21} _{-0.15}	0.438	11.81 ^{+0.03} _{-0.11}	-26.12	0.16	SSP	2	0.56	4.29	0.54	0.0
496787409	4.14 ^{+0.23} _{-0.49}	0.246	11.77 ^{+0.53} _{-0.34}	-26.58	0.1	$t_{trunc} = 0.1$	2	4.22	3.19	0.45	0.25
497171956	4.16 ^{+0.1} _{-0.08}	0.851	12.24 ^{+0.04} _{-0.29}	-27.75	0.1	$t_{trunc} = 0.1$	2	6.9	3.75	0.44	0.25

Table A2 – continued

ID	z_{phot}	χ^2_r	$\log_{10}(M^*/M_{\odot})$	Abs. Mag. (<i>i</i>)	Age (Gyr)	SFH	[Z/H] (Z_{\odot})	σ_{AGN}	$z_{DESonly}$	z_{BPZ}	E (B-V)
497174314	$3.94^{+0.47}_{-0.89}$	0.17	$11.38^{+0.92}_{-0.15}$	-25.58	0.11	$t_{trunc} = 0.1$	1	1.76	2.56	0.59	0.12
498898550	$3.67^{+0.56}_{-0.34}$	0.39	$11.84^{+0.25}_{-0.02}$	-26.42	0.1	$t_{trunc} = 1.0$	2	2.18	2.44	0.41	0.37
499908069	$3.37^{+0.85}_{-0.21}$	0.565	$11.88^{+0.25}_{-0.14}$	-26.41	0.11	$t_{trunc} = 0.1$	2	0.89	3.42	0.41	0.25
499909599	$4.14^{+0.26}_{-0.47}$	0.595	$11.66^{+0.36}_{-0.35}$	-26.29	0.1	$t_{trunc} = 0.1$	2	2.04	3.21	0.43	0.25
500048125	$3.75^{+0.64}_{-0.45}$	0.585	$11.87^{+0.83}_{-0.18}$	-26.37	0.13	SSP	2	2.17	3.25	0.49	0.0
500110571	$3.99^{+0.26}_{-0.55}$	0.655	$11.82^{+0.36}_{-0.32}$	-26.7	0.1	$t_{trunc} = 0.1$	2	3.83	3.71	0.41	0.25
500571685	$3.38^{+0.88}_{-0.09}$	0.985	$12.18^{+0.08}_{-0.28}$	-27.17	0.11	$t_{trunc} = 0.1$	2	14.94	3.26	0.4	0.25
500910602	$4.22^{+0.15}_{-0.55}$	0.558	$11.63^{+0.6}_{-0.09}$	-26.23	0.1	$t_{trunc} = 0.1$	2	1.08	3.25	0.51	0.25
501218097	$4.11^{+0.22}_{-0.14}$	0.666	$11.89^{+0.43}_{-0.02}$	-26.89	0.1	$t_{trunc} = 1.0$	2	5.96	3.6	0.38	0.25
501511673	$4.2^{+0.13}_{-0.37}$	0.806	$11.73^{+0.04}_{-0.4}$	-26.46	0.1	$t_{trunc} = 0.1$	2	0.23	3.25	0.49	0.25
501524910	$4.13^{+0.2}_{-0.32}$	0.38	$12.01^{+0.42}_{-0.36}$	-27.17	0.1	$t_{trunc} = 0.1$	2	4.02	3.79	0.4	0.25
501665859	$3.91^{+0.37}_{-0.48}$	1.302	$11.68^{+0.42}_{-0.0}$	-26.4	0.1	$t_{trunc} = 0.1$	1/5	2.39	2.65	0.29	0.25
502431214	$3.67^{+0.28}_{-0.29}$	0.805	$12.4^{+0.24}_{-0.01}$	-27.8	0.1	$e^{-t/1.0 \text{ Gyr}}$	2	7.24	3.67	0.42	0.37
502433292	$3.92^{+0.33}_{-0.39}$	1.378	$12.21^{+0.38}_{-0.04}$	-27.35	0.1	$t_{trunc} = 1.0$	2	4.44	3.4	0.45	0.37
502449004	$3.71^{+0.11}_{-0.18}$	2.397	$12.35^{+0.05}_{-0.0}$	-27.69	0.1	CONSTANT	2	5.02	2.46	0.45	0.37
503482151	$3.68^{+0.59}_{-0.32}$	0.318	$11.95^{+0.08}_{-0.0}$	-26.71	0.1	CONSTANT	2	5.9	3.7	0.46	0.37
503811408	$3.88^{+0.28}_{-0.13}$	0.809	$12.47^{+0.22}_{-0.06}$	-28.0	0.1	$t_{trunc} = 0.1$	2	11.55	3.34	0.47	0.37
503973856	$4.03^{+0.29}_{-0.61}$	1.435	$12.45^{+0.77}_{-0.01}$	-27.93	0.1	$t_{trunc} = 0.1$	2	3.56	3.35	0.61	0.37
503973990	$3.73^{+0.38}_{-0.37}$	0.86	$11.66^{+0.41}_{-0.14}$	-26.3	0.1	$t_{trunc} = 0.1$	2	2.25	2.4	0.56	0.25
503984762	$3.81^{+0.3}_{-0.46}$	0.301	$11.73^{+0.05}_{-0.26}$	-26.37	0.11	$t_{trunc} = 0.1$	2	0.27	2.54	0.38	0.12
503985134	$3.85^{+0.4}_{-0.39}$	0.257	$12.01^{+0.12}_{-0.23}$	-26.84	0.1	$t_{trunc} = 0.1$	2	0.82	3.48	0.48	0.37
504051667	$4.0^{+0.24}_{-0.64}$	1.718	$12.18^{+0.54}_{-0.25}$	-27.06	0.26	CONSTANT	2	1.42	3.25	0.39	0.25
504056183	$3.92^{+0.33}_{-0.25}$	0.944	$12.26^{+0.18}_{-0.01}$	-27.48	0.1	$t_{trunc} = 1.0$	2	5.42	3.4	0.43	0.37
504194446	$4.21^{+0.09}_{-0.26}$	1.142	$12.18^{+0.05}_{-0.38}$	-27.59	0.1	$t_{trunc} = 0.1$	2	9.77	3.48	0.48	0.25
504330828	$3.86^{+0.14}_{-0.1}$	1.841	$11.86^{+0.02}_{-0.37}$	-26.8	0.1	$t_{trunc} = 0.1$	2	4.25	2.45	0.35	0.25
504394690	$3.56^{+0.59}_{-0.29}$	1.649	$12.24^{+0.61}_{-0.1}$	-27.31	0.11	$t_{trunc} = 0.1$	2	1.57	3.34	0.37	0.25
504825888	$4.04^{+0.28}_{-0.38}$	0.31	$12.03^{+0.22}_{-0.19}$	-26.89	0.18	$t_{trunc} = 0.3$	2	1.46	3.3	0.37	0.25
505013250	$3.86^{+0.3}_{-0.16}$	1.22	$12.5^{+0.0}_{-0.0}$	-28.07	0.1	$t_{trunc} = 1.0$	2	12.17	3.35	0.46	0.37
505018776	$3.31^{+0.65}_{-0.29}$	0.523	$12.17^{+0.75}_{-0.13}$	-26.68	0.23	$t_{trunc} = 0.1$	1/5	0.29	2.48	0.42	0.25
505028285	$4.13^{+0.11}_{-0.32}$	0.528	$12.22^{+0.36}_{-0.35}$	-27.68	0.1	$t_{trunc} = 0.1$	2	17.04	3.48	0.47	0.25
506153545	$3.96^{+0.32}_{-0.59}$	1.414	$11.66^{+0.38}_{-0.29}$	-26.29	0.1	$t_{trunc} = 0.1$	2	2.61	3.29	0.38	0.25
506329583	$3.77^{+0.6}_{-0.45}$	0.399	$11.94^{+0.87}_{-0.25}$	-26.72	0.11	$t_{trunc} = 0.1$	1/2	1.72	2.56	0.4	0.25
506345182	$4.02^{+0.29}_{-0.53}$	0.485	$12.07^{+0.39}_{-0.13}$	-27.01	0.1	$t_{trunc} = 1.0$	2	1.09	3.4	0.53	0.37
506383847	$4.17^{+0.3}_{-0.55}$	0.3	$11.45^{+0.76}_{-0.18}$	-25.95	0.1	$t_{trunc} = 0.1$	1/2	4.16	3.12	0.5	0.25
506534457	$3.86^{+0.1}_{-0.15}$	1.624	$12.49^{+0.05}_{-0.01}$	-28.06	0.1	CONSTANT	2	8.97	2.49	0.4	0.37
506537406	$3.98^{+0.35}_{-0.25}$	1.501	$12.22^{+0.05}_{-0.01}$	-27.37	0.1	CONSTANT	2	4.12	2.59	0.5	0.37

Table A2 – continued

ID	z_{phot}	χ^2_r	$\log_{10}(M^*/M_\odot)$	Abs. Mag. (<i>i</i>)	Age (Gyr)	SFH	[Z/H] (Z_\odot)	σ_{AGN}	$z_{DESonly}$	z_{BPZ}	E (B-V)
506572275	$3.81^{+0.44}_{-0.35}$	0.905	$12.24^{+0.59}_{-0.1}$	-27.42	0.1	$t_{trunc} = 0.1$	2	2.15	3.75	0.49	0.37
506589633	$3.73^{+0.39}_{-0.29}$	0.252	$12.29^{+0.27}_{-0.08}$	-27.53	0.1	$t_{trunc} = 0.1$	2	0.77	2.55	0.43	0.37
506646930	$3.62^{+0.37}_{-0.17}$	0.67	$11.78^{+0.36}_{-0.01}$	-26.62	0.1	$t_{trunc} = 1.0$	2	13.77	3.83	3.5	0.25
506674710	$3.92^{+0.35}_{-0.6}$	0.793	$11.54^{+0.4}_{-0.05}$	-26.0	0.1	$t_{trunc} = 0.1$	2	4.77	3.29	0.45	0.25
506674855	$3.75^{+0.46}_{-0.33}$	0.231	$11.91^{+0.12}_{-0.24}$	-26.43	0.14	$e^{-t/0.1}$ Gyr	2	4.12	2.48	0.35	0.25
506674909	$3.53^{+0.22}_{-0.58}$	2.948	$11.96^{+0.04}_{-0.62}$	-26.35	0.81	$e^{-t/0.3}$ Gyr	2	4.29	3.31	0.41	0.0
506675198	$3.95^{+0.19}_{-0.1}$	1.455	$12.07^{+0.17}_{-0.05}$	-27.31	0.1	$t_{trunc} = 0.1$	2	13.62	3.3	0.39	0.25
507681715	$3.81^{+0.57}_{-0.37}$	1.116	$11.96^{+0.59}_{-0.04}$	-26.72	0.13	$t_{trunc} = 0.1$	2	5.25	2.56	0.41	0.12
507691551	$3.87^{+0.36}_{-0.43}$	0.75	$11.66^{+0.16}_{-0.05}$	-26.3	0.1	$e^{-t/1.0}$ Gyr	2	3.45	3.34	0.38	0.25
507780409	$3.84^{+0.16}_{-0.4}$	0.874	$12.13^{+0.15}_{-0.07}$	-27.07	0.13	$e^{-t/0.1}$ Gyr	2	1.67	3.65	0.36	0.25
507785363	$3.88^{+0.58}_{-0.44}$	0.37	$12.1^{+0.57}_{-0.29}$	-26.95	0.11	$t_{trunc} = 0.1$	2	0.67	2.64	0.48	0.25
507791066	$3.75^{+0.41}_{-0.21}$	0.553	$12.42^{+0.22}_{-0.02}$	-27.88	0.1	CONSTANT	2	10.98	3.7	0.47	0.37
507791530	$3.77^{+0.53}_{-0.31}$	0.702	$12.45^{+0.08}_{-0.02}$	-27.62	0.1	$t_{trunc} = 0.3$	2	2.4	2.6	0.54	0.49
507803985	$3.83^{+0.35}_{-0.38}$	0.62	$12.15^{+0.19}_{-0.03}$	-27.21	0.1	CONSTANT	2	1.63	3.5	0.4	0.37
507810919	$3.77^{+0.21}_{-0.21}$	0.563	$12.37^{+0.09}_{-0.04}$	-27.73	0.1	$t_{trunc} = 0.1$	2	9.6	2.55	0.41	0.37
508217521	$3.89^{+0.37}_{-0.73}$	0.38	$11.31^{+0.4}_{-0.18}$	-25.41	0.1	$t_{trunc} = 0.1$	2	1.41	3.4	0.45	0.25
618652137	$3.85^{+0.3}_{-0.18}$	0.711	$12.47^{+0.19}_{-0.0}$	-28.01	0.1	CONSTANT	2	4.1	3.34	0.45	0.37
618654757	$3.94^{+0.35}_{-0.27}$	0.554	$11.65^{+0.16}_{-0.02}$	-26.28	0.1	$t_{trunc} = 1.0$	2	0.64	3.27	0.43	0.25
618660654	$3.77^{+0.38}_{-0.19}$	1.199	$12.12^{+0.19}_{-0.0}$	-27.45	0.1	$t_{trunc} = 1.0$	2	27.05	3.37	0.27	0.25
618664093	$4.08^{+0.14}_{-0.42}$	0.811	$12.33^{+0.11}_{-0.02}$	-27.45	0.26	CONSTANT	2	1.29	3.34	0.47	0.25
618664306	$4.09^{+0.25}_{-0.24}$	0.964	$12.06^{+0.25}_{-0.02}$	-27.38	0.1	$t_{trunc} = 0.1$	1	1.62	3.21	0.41	0.25
618667069	$3.75^{+0.2}_{-0.45}$	1.662	$12.46^{+0.1}_{-0.24}$	-27.48	0.14	$e^{-t/0.1}$ Gyr	2	0.76	2.42	0.49	0.37
618667272	$3.32^{+0.94}_{-0.05}$	2.294	$12.2^{+0.67}_{-0.03}$	-27.14	0.14	$t_{trunc} = 0.1$	2	0.4	3.29	0.4	0.12

Table B1 – *continued*

ID	RA	Dec	<i>g</i>	<i>r</i>	<i>i</i>	<i>z</i>	<i>Y</i>	<i>J</i>	<i>H</i>	<i>K_s</i>
481350973	72.813908	-47.600626	23.1958 ± 0.0612	21.3706 ± 0.0158	20.9589 ± 0.0182	20.6744 ± 0.0213	20.5618 ± 0.0759	20.5647 ± 0.3233	///	19.9526 ± 0.5323
481989803	72.120899	-45.61534	24.4427 ± 0.1475	22.4001 ± 0.0324	21.9192 ± 0.0285	21.5902 ± 0.0425	21.6684 ± 0.1651	20.8491 ± 0.2714	20.8164 ± 0.3249	///
481994767	71.896784	-45.687727	24.8643 ± 0.2282	22.7831 ± 0.0452	22.2127 ± 0.0404	21.9062 ± 0.0618	21.8439 ± 0.2125	21.8744 ± 0.5399	22.007 ± 0.7345	///
482001634	72.307954	-45.794599	24.2255 ± 0.1234	22.5135 ± 0.0314	22.1931 ± 0.0315	21.7569 ± 0.0548	22.0476 ± 0.2355	21.3845 ± 0.3144	21.9101 ± 0.6719	///
482208365	73.320644	-51.189418	22.8554 ± 0.0359	20.9531 ± 0.0099	20.5427 ± 0.0095	20.1552 ± 0.014	20.0031 ± 0.0415	19.931 ± 0.2528	19.1732 ± 0.209	19.2358 ± 0.2245
483918716	72.085462	-48.777383	24.1798 ± 0.1091	22.2827 ± 0.0232	21.8386 ± 0.0258	21.435 ± 0.0344	21.4798 ± 0.1145	21.4635 ± 0.3782	///	19.9161 ± 0.3324
489254835	69.13225	-55.548991	24.316 ± 0.1564	22.0218 ± 0.0194	21.4483 ± 0.0165	21.0965 ± 0.0303	20.9006 ± 0.0864	20.7104 ± 0.2035	///	20.0555 ± 0.3584
490689649	69.699465	-50.470457	22.724 ± 0.0556	20.7901 ± 0.0101	20.3348 ± 0.0047	20.0119 ± 0.0048	19.9312 ± 0.0311	19.5759 ± 0.1132	19.2226 ± 0.1444	18.8934 ± 0.1221
490704656	69.206037	-50.70402	24.5856 ± 0.2029	22.52 ± 0.0384	22.0135 ± 0.0387	21.5827 ± 0.0518	21.7259 ± 0.2148	21.752 ± 0.5469	21.1371 ± 0.3792	///
492431224	72.971578	-53.024726	24.6768 ± 0.2208	22.3423 ± 0.0348	21.7108 ± 0.0311	21.2272 ± 0.0405	21.3848 ± 0.1612	20.7611 ± 0.382	20.2978 ± 0.2511	///
492605523	69.282253	-53.006647	23.105 ± 0.0616	21.4524 ± 0.0268	21.1915 ± 0.0238	20.8579 ± 0.0313	20.7097 ± 0.098	20.472 ± 0.3439	20.775 ± 0.4058	19.9658 ± 0.326
493212188	73.272104	-47.599847	23.6873 ± 0.0792	21.7956 ± 0.0184	21.3344 ± 0.0192	20.9807 ± 0.0258	20.8355 ± 0.1045	20.6709 ± 0.4332	///	20.5957 ± 0.685
493739755	70.668823	-48.194975	24.8323 ± 0.2236	22.4769 ± 0.0337	21.7691 ± 0.0326	21.4422 ± 0.0406	21.3932 ± 0.1217	20.491 ± 0.2117	///	20.4062 ± 0.5695
493882026	73.756147	-47.923077	23.8901 ± 0.1064	22.0808 ± 0.024	21.7685 ± 0.0306	21.4226 ± 0.0387	21.246 ± 0.1024	20.6618 ± 0.3157	///	19.9958 ± 0.4409
494789087	69.898546	-46.782506	23.8557 ± 0.1356	21.9308 ± 0.0361	21.5423 ± 0.0289	21.5443 ± 0.0481	21.1287 ± 0.1132	22.0732 ± 0.8393	///	21.0469 ± 0.8443
494790027	70.402136	-46.796962	24.138 ± 0.1352	21.864 ± 0.0236	21.3387 ± 0.02	21.1324 ± 0.0258	20.8994 ± 0.0731	20.6496 ± 0.3046	///	20.2624 ± 0.3745
494790169	70.575727	-46.798513	23.2371 ± 0.0465	21.3858 ± 0.0118	20.941 ± 0.0128	20.8265 ± 0.0172	20.7429 ± 0.0526	20.5034 ± 0.1831	///	20.0217 ± 0.4448
494790792	70.118141	-46.809179	23.7461 ± 0.0968	21.758 ± 0.026	21.2542 ± 0.0242	20.9573 ± 0.0278	20.8978 ± 0.0929	20.3048 ± 0.2452	///	19.3178 ± 0.2806
494791393	70.545803	-46.818298	25.8019 ± 0.5094	22.9725 ± 0.0505	22.3344 ± 0.0364	21.9215 ± 0.0508	22.0782 ± 0.2109	21.7367 ± 0.5105	///	20.8025 ± 0.6156
494792459	70.361105	-46.834652	24.2656 ± 0.1335	22.2795 ± 0.0298	21.7942 ± 0.0307	21.6362 ± 0.0434	21.7176 ± 0.1596	20.8556 ± 0.2748	///	22.1288 ± 1.8666
494793098	70.361899	-46.844422	23.9821 ± 0.1053	21.8222 ± 0.0204	21.2755 ± 0.0197	21.0539 ± 0.0263	20.9669 ± 0.0823	20.8774 ± 0.2682	///	20.2478 ± 0.5222
494793167	70.322957	-46.845463	23.8321 ± 0.0829	21.8795 ± 0.0192	21.387 ± 0.0206	21.1299 ± 0.0252	20.9922 ± 0.0774	20.6869 ± 0.2351	///	20.3403 ± 0.5394
494800805	70.223709	-46.969603	23.3453 ± 0.0791	21.6088 ± 0.0224	21.2646 ± 0.0233	21.1833 ± 0.0371	21.3461 ± 0.1833	20.9634 ± 0.4222	///	19.9742 ± 0.3398
494801634	70.204006	-46.984426	23.108 ± 0.0641	21.3465 ± 0.018	21.1355 ± 0.0166	20.9708 ± 0.0236	20.926 ± 0.0767	20.3121 ± 0.2086	///	19.2022 ± 0.2093
495323159	65.394135	-46.057881	23.4555 ± 0.0678	21.7668 ± 0.0197	21.4263 ± 0.0244	21.433 ± 0.0555	21.0016 ± 0.0969	20.7891 ± 0.3456	21.5235 ± 0.9513	20.8319 ± 0.6251
495325646	65.413155	-46.101938	24.1823 ± 0.1228	22.4046 ± 0.038	22.001 ± 0.0336	21.6707 ± 0.0519	21.7598 ± 0.2104	///	21.7652 ± 1.3242	20.4605 ± 0.5438
495342175	65.087082	-46.3792	23.6315 ± 0.0661	21.7161 ± 0.017	21.3624 ± 0.0171	21.0386 ± 0.0259	20.6991 ± 0.0633	20.9568 ± 0.4498	20.768 ± 0.6159	19.9356 ± 0.4688
495508558	64.591881	-57.810162	24.0085 ± 0.1786	21.734 ± 0.0197	21.1739 ± 0.0263	20.8205 ± 0.0317	21.0451 ± 0.1696	20.2084 ± 0.1872	///	20.4662 ± 0.4553
495566911	70.276529	-48.286447	24.379 ± 0.1996	22.23 ± 0.0356	21.6714 ± 0.0325	21.6571 ± 0.0625	21.791 ± 0.2094	20.9532 ± 0.3595	///	19.9958 ± 0.3845
496787409	63.374087	-59.79275	24.0008 ± 0.1195	22.0032 ± 0.0246	21.4945 ± 0.0205	21.1897 ± 0.033	21.2715 ± 0.1553	20.727 ± 0.2958	///	20.0388 ± 0.3226
497171956	65.710748	-58.418902	22.884 ± 0.0491	20.8448 ± 0.0097	20.3696 ± 0.0094	20.0618 ± 0.0114	19.9096 ± 0.0327	19.6361 ± 0.1176	///	18.9846 ± 0.1623
497174314	64.973407	-58.457378	24.4577 ± 0.1761	22.5676 ± 0.0456	22.1586 ± 0.0487	21.9922 ± 0.0904	21.7573 ± 0.2387	22.3304 ± 0.8953	///	20.7245 ± 0.5142
498898550	65.712873	-59.065758	24.0901 ± 0.1197	22.2997 ± 0.0353	21.9947 ± 0.0433	21.6648 ± 0.0426	21.4354 ± 0.136	21.5185 ± 0.5076	///	20.4729 ± 0.408
499908069	65.468426	-47.534492	23.8878 ± 0.0981	22.1885 ± 0.0242	21.9058 ± 0.0318	21.5545 ± 0.0485	21.6761 ± 0.1802	21.0946 ± 0.2938	///	20.1886 ± 0.3185
499909599	65.492297	-47.55904	24.3098 ± 0.1254	22.2842 ± 0.0236	21.7533 ± 0.0253	21.4982 ± 0.0397	21.6327 ± 0.1549	20.8654 ± 0.2354	///	20.4361 ± 0.4379
500048125	66.429253	-56.267392	24.9981 ± 0.311	22.4494 ± 0.026	21.7672 ± 0.0244	21.3979 ± 0.0352	21.466 ± 0.1457	20.7618 ± 0.3188	///	19.8518 ± 0.3352
500110571	70.92143	-58.350365	23.5309 ± 0.0876	21.6786 ± 0.0192	21.2638 ± 0.0178	20.9827 ± 0.0324	20.7802 ± 0.0892	20.4678 ± 0.2583	///	20.3056 ± 0.5442
500571685	65.734516	-47.379303	23.1512 ± 0.0701	21.4725 ± 0.018	21.1271 ± 0.0229	20.7555 ± 0.0351	20.9316 ± 0.1251	20.5235 ± 0.2618	///	19.4581 ± 0.2056
500910602	71.460323	-46.202889	24.5877 ± 0.1886	22.4886 ± 0.0312	21.914 ± 0.0343	21.5586 ± 0.0428	21.6458 ± 0.1791	21.7584 ± 0.4942	20.7106 ± 0.3438	20.6049 ± 0.5369
501217876	66.041527	-52.819775	22.6725 ± 0.0419	20.8092 ± 0.0101	20.3847 ± 0.0101	19.9921 ± 0.0153	19.8369 ± 0.0438	20.0441 ± 0.3983	19.1979 ± 0.2433	19.0833 ± 0.2217
501218097	65.762156	-52.821932	23.3563 ± 0.0535	21.4202 ± 0.0166	20.969 ± 0.0122	20.7017 ± 0.0207	20.5805 ± 0.0659	///	20.7299 ± 0.4663	20.3083 ± 0.5642
501511673	67.243745	-60.378716	24.3018 ± 0.1113	22.2241 ± 0.0241	21.6714 ± 0.0206	21.2992 ± 0.0242	21.3162 ± 0.1111	20.6496 ± 0.2486	///	20.9327 ± 0.8991
501524910	66.697138	-60.5957	23.3954 ± 0.0716	21.3984 ± 0.0152	20.8981 ± 0.0123	20.6364 ± 0.0167	20.5033 ± 0.0732	19.9998 ± 0.2457	///	19.5555 ± 0.2512
501577492	65.529485	-57.087743	22.2891 ± 0.0412	20.4103 ± 0.0083	19.9915 ± 0.0091	19.5186 ± 0.0116	19.3548 ± 0.0362	19.0141 ± 0.0798	///	18.6395 ± 0.1814
501665859	71.672277	-47.591956	23.1878 ± 0.0515	21.4964 ± 0.0157	21.1655 ± 0.0188	21.1146 ± 0.0246	20.8241 ± 0.0756	20.7005 ± 0.2542	///	20.1931 ± 0.3165

Table B1 – *continued*

ID	RA	Dec	<i>g</i>	<i>r</i>	<i>i</i>	<i>z</i>	<i>Y</i>	<i>J</i>	<i>H</i>	<i>K_s</i>
618652137	358.88296	-54.30947	22.8707 ± 0.0532	21.0181 ± 0.0112	20.5872 ± 0.0106	20.1606 ± 0.0143	20.085 ± 0.0485	19.9487 ± 0.2035	19.8445 ± 0.3877	18.9431 ± 0.1907
618654757	358.67695	-54.356158	23.549 ± 0.137	21.8112 ± 0.0272	21.4459 ± 0.0274	21.1584 ± 0.0431	21.2514 ± 0.1468	21.0447 ± 0.3029	20.8919 ± 0.477	21.2233 ± 1.0699
618660654	359.14404	-54.461467	22.0072 ± 0.0258	20.3997 ± 0.0077	20.1682 ± 0.009	19.8417 ± 0.0127	19.8875 ± 0.0355	19.6534 ± 0.1604	20.4625 ± 0.7439	19.1208 ± 0.2385
618663972	358.73193	-54.517818	22.8714 ± 0.045	20.9306 ± 0.0113	20.5016 ± 0.0106	20.0363 ± 0.0137	20.0142 ± 0.037	19.4945 ± 0.1769	19.2994 ± 0.1598	18.8724 ± 0.155
618664093	359.04338	-54.519852	23.1158 ± 0.0456	21.2542 ± 0.0124	20.818 ± 0.0123	20.4231 ± 0.0171	20.4425 ± 0.0485	19.9913 ± 0.1884	19.9082 ± 0.4418	19.3846 ± 0.2939
618664306	359.09017	-54.523087	22.9282 ± 0.0433	21.0268 ± 0.0135	20.5623 ± 0.0124	20.2491 ± 0.0187	20.3538 ± 0.0456	19.8083 ± 0.1913	20.1177 ± 0.5618	19.2618 ± 0.2835
618667069	358.8217	-54.567628	23.8333 ± 0.1179	21.8771 ± 0.0233	21.5924 ± 0.0206	21.0456 ± 0.0259	20.9855 ± 0.105	20.6079 ± 0.323	20.1235 ± 0.4174	19.4716 ± 0.2758
618667272	358.80469	-54.571019	23.2565 ± 0.0703	21.2546 ± 0.0138	20.8998 ± 0.0135	20.4648 ± 0.0184	20.735 ± 0.1075	19.8864 ± 0.2031	19.8565 ± 0.2992	19.0797 ± 0.2255