Table 4. Chemical Models at the Stage of Wind Ejection

$M_{L,T,12}$	$\nu(r_{j/2})$	ζ	$\tau(r_{j/2})$	$M_{L,t}$	$tg\omega$	$G(r_{j/2},t)$	$S(r_{j/2},t)$	$Z(r_{j/2},t)$	$\langle Z(r_{j/2},t)\rangle$	Ψ	Ω_g	E_g	E_{SNI}	E_{SNII}	E_{SW}	$r_{j/2}$
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
3.0	7.1	0.50	0.74	0.14550	5.12	0.004	0.845	0.0964	0.0365	3.67E+00	2.99E+08	2.99E+08	7.99E+07	2.18E+08	1.67E+06	0.060
3.0	50.0	0.50	0.29	0.15000	0.79	0.010	0.874	0.0439	0.0286	6.97E+01	2.34E+08	2.34E+08	2.26E+07	2.06E+08	4.82E+06	0.156
3.0	111.6	0.50	0.18	0.15010	0.38	0.011	0.834	0.0362	0.0266	1.74E+02	2.04E+08	2.28E+08	1.20E+07	2.09E+08	6.97E+06	0.248
3.0	198.6	0.50	0.13	0.14990	0.21	0.013	0.764	0.0323	0.0251	3.63E+02	2.08E+08	2.30E+08	6.35E+06	2.14E+08	9.27E+06	0.347
3.0	325.5	0.50	0.10	0.15000	0.11	0.015	0.637	0.0293	0.0232	6.97E+02	2.20E+08	2.41E+08	1.84E+06	2.28E+08	1.14E+07	0.456
3.0	501.4	0.50	0.14	0.15000	0.05	0.012	0.284	0.0261	0.0197	9.04E+02	1.73E+08	1.81E+08	0.00E+00	1.73E+08	7.91E+06	0.577
3.0	753.8	0.50	0.20	0.15000	0.02	0.007	0.102	0.0236	0.0134	7.79E+02	9.28E+07	9.53E+07	0.00E+00	9.16E+07	3.76E+06	0.712
3.0	1116.0	0.50	0.27	0.15000	0.01	0.004	0.038	0.0148	0.0050	5.83E+02	4.54E+07	4.56E+07	0.00E+00	4.45E+07	1.10E+06	0.865
3.0	1632.9	0.50	0.35	0.15020	0.01	0.002	0.022	0.0102	0.0102	4.41E+02	2.30E+07	2.30E+07	0.00E+00	2.25E+07	5.05E+05	1.040
3.0	2383.7	0.50	0.46	0.14990	0.01	0.001	0.016	0.0092	0.0092	3.38E+02	1.21E+07	1.26E+07	0.00E+00	1.23E+07	3.07E+05	1.241
3.0	3493.2	0.50	0.59	0.15020	0.01	0.001	0.011	0.0079	0.0079	2.61E+02	6.41E+06	6.56E+06	0.00E+00	6.38E+06	1.86E+05	1.476
1.0	9.0	0.50	0.52	0.04850	3.60	0.005	0.864	0.0947	0.0351	1.92E+00	7.59E+07	8.37E+07	2.01E+07	6.30E+07	6.72E+05	0.060
1.0	60.6	0.50	0.20	0.05001	0.54	0.012	0.875	0.0412	0.0275	3.41E+01	5.80E+07	6.56E+07	4.61E+06	5.90E+07	1.95E+06	0.156
1.0	132.8	0.50	0.13	0.05002	0.25	0.014	0.818	0.0344	0.0255	9.21E+01	5.55E+07	6.20E+07	1.86E+06	5.72E+07	2.90E+06	0.248
1.0	233.3	0.50	0.09	0.04995	0.13	0.018	0.722	0.0311	0.0237	2.01E+02	6.01E+07	6.03E+07	5.86E+05	5.59E+07	3.86E+06	0.347
1.0	378.3	0.50	0.07	0.05001	0.07	0.020	0.592	0.0290	0.0216	3.64E+02	6.05E+07	6.22E+07	2.26E+04	5.76E+07	4.60E+06	0.456
1.0	577.3	0.50	0.10	0.05001	0.04	0.015	0.309	0.0268	0.0184	4.11E+02	4.19E+07	4.50E+07	0.00E+00	4.18E+07	3.23E+06	0.577
1.0	860.3	0.50	0.14	0.04999	0.02	0.009	0.112	0.0228	0.0108	3.60E+02	2.31E+07	2.35E+07	0.00E+00	2.21E+07	1.42E+06	0.712
1.0	1262.8	0.50	0.19	0.05000	0.01	0.004	0.044	0.0105	0.0105	2.71E+02	1.14E+07	1.15E+07	0.00E+00	1.11E+07	3.44E+05	0.865
1.0	1832.5	0.50	0.24	0.05006	0.01	0.002	0.027	0.0082	0.0082	2.07E+02	5.91E+06	6.70E+06	0.00E+00	6.54E+06	1.60E+05	1.040
1.0	2653.1	0.50	0.32	0.04997	0.01	0.001	0.019	0.0068	0.0068	1.59E+02	3.13E+06	3.47E+06	0.00E+00	3.38E+06	8.91E+04	1.241
1.0	3855.9	0.50	0.41	0.05007	0.01	0.001	0.014	0.0065	0.0065	1.23E+02	1.68E+06	2.13E+06	0.00E+00	2.07E+06	6.12E+04	1.476
0.5	10.4	0.50	0.42	0.02425	2.68	0.006	0.879	0.0876	0.0338	1.41E+00	3.54E+07	3.60E+07	7.59E+06	2.80E+07	3.91E+05	0.060
0.5	68.3	0.50	0.16	0.02500	0.40	0.015	0.860	0.0386	0.0266	2.52E+01	2.78E+07	2.81E+07	1.41E+06	2.55E+07	1.15E+06	0.156
0.5	148.3	0.50	0.10	0.02501	0.19	0.018	0.803	0.0335	0.0248	6.25E+01	2.48E+07	2.71E+07	4.99E+05	2.49E+07	1.67E+06	0.248
0.5	258.5	0.50	0.07	0.02498	0.10	0.020	0.723	0.0311	0.0231	1.24E+02	2.46E+07	2.71E+07	1.24E+05	2.48E+07	2.19E+06	0.347
0.5	416.3	0.50	0.06	0.02500	0.06	0.022	0.593	0.0293	0.0208	2.24E+02	2.49E+07	2.60E+07	0.00E+00	2.34E+07	2.61E+06	0.456
0.5	631.6	0.50	0.08	0.02500	0.03	0.017	0.305	0.0269	0.0167	2.55E+02	1.74E+07	1.77E+07	0.00E+00	1.60E+07	1.75E+06	0.577
0.5	936.1	0.50	0.11	0.02499	0.02	0.010	0.118	0.0227	0.0087	2.20E+02	9.55E+06	9.56E+06	0.00E+00	8.82E+06	7.37E+05	0.712
0.5	1366.9	0.50	0.15	0.02500	0.01	0.005	0.049	0.0095	0.0095	1.68E+02	4.81E+06	4.98E+06	0.00E+00	4.82E+06	1.64E+05	0.865
0.5	1973.4	0.50	0.20	0.02503	0.01	0.003	0.032	0.0071	0.0071	1.28E+02	2.51E+06	3.18E+06	0.00E+00	3.10E+06	7.94E+04	1.040
0.5	2842.6	0.50	0.25	0.02498	0.01	0.001	0.022	0.0056	0.0056	9.87E+01	1.34E+06	1.52E+06	0.00E+00	1.48E+06	3.82E+04	1.241
0.5	4110.1	0.50	0.33	0.02503	0.01	0.001	0.016	0.0049	0.0049	7.65E+01	7.21E+05	8.70E+05	0.00E+00	8.47E+05	2.35E+04	1.476
0.1	14.7	0.50	0.25	0.00485	1.45	0.008	0.902	0.0765	0.0312	5.74E-01	4.99E+06	5.33E+06	8.14E+05	4.41E+06	1.07E+05	0.060
0.1	90.6	0.50	0.10	0.00500	0.22	0.022	0.850	0.0367	0.0251	9.43E+00	3.84E+06	4.36E+06	9.66E+04	3.95E+06	3.14E+05	0.156
0.1	191.9	0.50	0.06	0.00500	0.10	0.027	0.766	0.0327	0.0229	2.48E+01	3.71E+06	3.93E+06	1.03E+04	3.45E+06	4.66E+05	0.248
0.1	328.7	0.50	0.04	0.00500	0.05	0.029	0.681	0.0315	0.0208	4.64E+01	3.53E+06	3.67E+06	0.00E+00	3.07E+06	6.00E+05	0.347
0.1	521.4	0.50	0.03	0.00500	0.04	0.028	0.617	0.0323	0.0184	6.98E+01	3.03E+06	3.54E+06	0.00E+00	2.85E+06	6.91E+05	0.456
0.1	780.8	0.50	0.05	0.00500	0.02	0.021	0.326	0.0260	0.0127	8.11E+01	2.20E+06	2.29E+06	0.00E+00	1.86E+06	4.25E+05	0.577
0.1	1142.8	0.50	0.07	0.00500	0.01	0.013	0.129	0.0118	0.0040	7.04E+01	1.22E+06	1.22E+06	0.00E+00	1.11E+06	1.14E+05	0.712
0.1	1648.8	0.50	0.09	0.00500	0.01	0.007	0.067	0.0066	0.0066	5.48E+01	6.39E+05	7.26E+05	0.00E+00	6.95E+05	3.03E+04	0.865
0.1	2352.9	0.50	0.12	0.00501	0.01	0.004	0.041	0.0034	0.0034	4.22E+01	3.38E+05	3.58E+05	0.00E+00	3.51E+05	7.00E+03	1.040
0.1	3350.2	0.50	0.15	0.00500	0.00	0.002	0.029	0.0027	0.0027	3.26E+01	1.83E+05	1.89E+05	0.00E+00	1.86E+05	2.90E+03	1.241
0.1	4787.8	0.50	0.20	0.00501	0.00	0.001	0.024	0.0033	0.0033	2.54E+01	1.01E+05	1.63E+05	0.00E+00	1.60E+05	3.16E+03	1.476
0.05	17.0	0.50	0.20	0.00243	1.08	0.010	0.912	0.0720	0.0299	3.90E-01	2.15E+06	2.34E+06	2.95E+05	1.98E+06	6.19E+04	0.060
0.05	102.4	0.50	0.08	0.00250	0.16	0.028	0.825	0.0354	0.0241	7.04E+00	1.86E+06	1.86E+06	2.04E+04	1.65E+06	1.86E+05	0.156
0.05	214.6	0.50	0.05	0.00250	0.08	0.031	0.759	0.0327	0.0221	1.59E+01	1.56E+06	1.72E+06	9.21E+02	1.45E+06	2.67E+05	0.248
0.05	364.9	0.50	0.03	0.00250	0.05	0.032	0.689	0.0331	0.0199	2.82E+01	1.42E+06	1.52E+06	0.00E+00	1.18E+06	3.41E+05	0.347
0.05	575.2	0.50	0.03	0.00250	0.03	0.033	0.591	0.0322	0.0159	4.54E+01	1.31E+06	1.36E+06	0.00E+00	9.89E+05	3.74E+05	0.456
0.05	856.5	0.50	0.04	0.00250	0.02	0.024	0.325	0.0255	0.0102	4.98E+01	9.04E+05	9.14E+05	0.00E+00	6.96E+05	2.18E+05	0.577
0.05	1247.1	0.50	0.05	0.00250	0.01	0.014	0.140	0.0108	0.0108	4.31E+01	5.04E+05	5.07E+05	0.00E+00	4.51E+05	5.60E+04	0.712
0.05	1790.2	0.50	0.07	0.00250	0.01	0.008	0.077	0.0055	0.0055	3.38E+01	2.67E+05	3.15E+05	0.00E+00	3.02E+05	1.39E+04	0.865
0.05	2542.1	0.50	0.09	0.00250	0.01	0.004	0.051	0.0035	0.0035	2.61E+01	1.43E+05	2.06E+05	0.00E+00	2.02E+05	4.51E+03	1.040
0.05	3602.2	0.50	0.12	0.00250	0.00	0.002	0.037	0.0027	0.0027	2.02E+01	7.81E+04	1.16E+05	0.00E+00	1.15E+05	1.79E+03	1.241
0.05	5122.6	0.50	0.16	0.00250	0.00	0.001	0.026	0.0019	0.0019	1.58E+01	4.30E+04	4.73E+04	0.00E+00	4.69E+04	4.00E+02	1.476
0.005	27.7	0.50	0.09	0.00024	0.44	0.018	0.920	0.0583	0.0269	1.18E-01	1.43E+05	1.57E+05	9.09E+03	1.38E+05	1.03E+04	0.060
0.005	154.1	0.50	0.04	0.00025	0.07	0.048	0.785	0.0358	0.0210	1.81E+00	1.14E+05	1.21E+05	6.61E+00	9.11E+04	3.01E+04	0.156
0.005	312.3	0.50	0.03	0.00025	0.03	0.049	0.686	0.0360	0.0172	3.76E+00	9.10E+04	9.52E+04	0.00E+00	5.59E+04	3.93E+04	0.248
0.005	518.5	0.50	0.03	0.00025	0.02	0.044	0.521	0.0301	0.0126	5.52E+00	7.02E+04	7.26E+04	0.00E+00	3.78E+04	3.48E+04	0.347
0.005	800.7	0.50	0.03	0.00025	0.01	0.035	0.376	0.0241	0.0070	6.85E+00	5.11E+04	5.12E+04	0.00E+00	2.77E+04	2.35E+04	0.456
0.005	1171.1	0.50	0.03	0.00025	0.01	0.027	0.265	0.0115	0.0115	7.72E+00	3.69E+04	3.72E+04	0.00E+00	2.62E+04	1.10E+04	0.577
0.005	1676.6	0.50	0.03	0.00025	0.01	0.020	0.199	0.0059	0.0059	8.23E+00	2.59E+04	2.72E+04	0.00E+00	2.35E+04	3.71E+03	0.712
0.005	2367.9	0.50	0.03	0.00025	0.00	0.012	0.120	0.0020	0.0020	6.69E+00	1.44E+04	1.57E+04	0.00E+00	1.54E+04	3.59E+02	0.865
0.005	3309.8	0.50	0.04	0.00025	0.00	0.007	0.085	0.0012	0.0012	5.27E+00	7.98E+03	1.07E+04	0.00E+00	1.07E+04	5.94E+01	1.040
0.005	4616.9	0.50	0.06	0.00025	0.00	0.004	0.068	0.0015	0.0015	4.12E+00	4.48E+03	1.07E+04	0.00E+00	1.06E+04	6.69E+01	1.241
0.005	6462.5	0.50	0.07	0.00025	0.00	0.002	0.047	0.0004	0.0004	3.23E+00	2.52E+03	2.67E+03	0.00E+00	2.67E+03	5.82E-04	1.476

Table 6. Integrated magnitude and colours of galaxy models

$M_{L,T,12}$	$\nu(r_{j/2})$	$\tau(r_{j/2})$	$M_{L,t}$	Age	M_{bol}	M_V	(U−B)	(B−V)	(V−R)	(V−I)	(V−J)	(V−H)	(V−K)	(1550−V)	$r_{j/2}$
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
3.0	7.10	0.74	0.14550	15.000	-22.017	-21.072	0.615	1.005	0.613	1.235	2.531	3.260	3.487	2.005	0.06
3.0	50.00	0.29	0.15000	15.000	-21.783	-20.917	0.644	1.031	0.608	1.223	2.444	3.170	3.379	4.148	0.16
3.0	111.60	0.18	0.15010	15.000	-21.680	-20.836	0.609	1.017	0.602	1.212	2.411	3.135	3.339	4.047	0.25
3.0	198.60	0.13	0.14990	15.000	-21.544	-20.724	0.569	0.999	0.596	1.200	2.375	3.096	3.296	3.963	0.35
3.0	325.50	0.10	0.15000	15.000	-21.325	-20.532	0.522	0.978	0.587	1.184	2.334	3.050	3.246	3.868	0.46
3.0	501.40	0.14	0.15000	15.000	-20.239	-19.529	0.415	0.923	0.565	1.142	2.206	2.908	3.088	3.703	0.58
3.0	753.80	0.20	0.15000	15.000	-19.084	-18.555	0.248	0.816	0.518	1.053	1.903	2.561	2.692	3.455	0.71
3.0	1116.00	0.27	0.15000	15.000	-18.216	-17.806	0.165	0.761	0.491	0.998	1.690	2.288	2.387	3.396	0.87
3.0	1632.90	0.35	0.15020	15.000	-17.990	-17.551	0.189	0.778	0.499	1.014	1.743	2.362	2.467	3.425	1.04
3.0	2383.70	0.46	0.14990	15.000	-17.558	-17.107	0.192	0.776	0.499	1.015	1.764	2.389	2.497	3.389	1.24
3.0	3493.20	0.59	0.15020	15.000	-17.248	-16.771	0.214	0.792	0.507	1.030	1.809	2.450	2.562	3.418	1.48
3.0	7.10	0.74	0.14550	10.000	-22.456	-21.497	0.558	0.960	0.596	1.212	2.574	3.311	3.549	3.553	0.06
3.0	50.00	0.29	0.15000	10.000	-22.170	-21.280	0.572	0.999	0.593	1.199	2.484	3.219	3.441	5.946	0.16
3.0	111.60	0.18	0.15010	10.000	-22.055	-21.193	0.543	0.987	0.588	1.189	2.444	3.177	3.394	5.907	0.25
3.0	198.60	0.13	0.14990	10.000	-21.913	-21.078	0.509	0.973	0.582	1.178	2.404	3.133	3.345	5.860	0.35
3.0	325.50	0.10	0.15000	10.000	-21.688	-20.884	0.467	0.956	0.574	1.163	2.358	3.082	3.288	5.793	0.46
3.0	501.40	0.14	0.15000	10.000	-20.592	-19.879	0.372	0.910	0.555	1.125	2.221	2.929	3.116	5.675	0.58
3.0	753.80	0.20	0.15000	10.000	-19.429	-18.904	0.218	0.823	0.516	1.047	1.911	2.575	2.707	5.419	0.71
3.0	1116.00	0.27	0.15000	10.000	-18.555	-18.146	0.142	0.776	0.492	1.001	1.703	2.308	2.405	5.328	0.87
3.0	1632.90	0.35	0.15020	10.000	-18.333	-17.895	0.165	0.790	0.499	1.015	1.755	2.381	2.484	5.375	1.04
3.0	2383.70	0.46	0.14990	10.000	-17.902	-17.452	0.166	0.790	0.500	1.016	1.776	2.408	2.515	5.330	1.24
3.0	3493.20	0.59	0.15020	10.000	-17.594	-17.120	0.188	0.803	0.507	1.028	1.819	2.468	2.579	5.375	1.48
3.0	7.10	0.74	0.14550	5.000	-23.556	-22.462	0.143	0.726	0.514	1.092	2.594	3.340	3.609	-0.041	0.06
3.0	50.00	0.29	0.15000	5.000	-22.833	-21.951	0.452	0.932	0.562	1.149	2.473	3.213	3.445	6.249	0.16
3.0	111.60	0.18	0.15010	5.000	-22.691	-21.841	0.428	0.920	0.556	1.138	2.427	3.164	3.388	6.076	0.25
3.0	198.60	0.13	0.14990	5.000	-22.535	-21.714	0.402	0.907	0.551	1.126	2.384	3.117	3.336	5.870	0.35
3.0	325.50	0.10	0.15000	5.000	-22.300	-21.511	0.371	0.890	0.544	1.112	2.336	3.064	3.277	5.614	0.46
3.0	501.40	0.14	0.15000	5.000	-21.188	-20.490	0.294	0.845	0.525	1.074	2.195	2.908	3.101	5.197	0.58
3.0	753.80	0.20	0.15000	5.000	-19.985	-19.485	0.161	0.753	0.484	0.990	1.859	2.523	2.659	4.589	0.71
3.0	1116.00	0.27	0.15000	5.000	-19.133	-18.732	0.105	0.711	0.463	0.954	1.672	2.287	2.385	4.365	0.87
3.0	1632.90	0.35	0.15020	5.000	-18.897	-18.475	0.120	0.722	0.468	0.963	1.712	2.343	2.447	4.452	1.04
3.0	2383.70	0.46	0.14990	5.000	-18.456	-18.030	0.120	0.721	0.468	0.960	1.721	2.354	2.462	4.407	1.24
3.0	3493.20	0.59	0.15020	5.000	-18.137	-17.692	0.133	0.731	0.473	0.968	1.756	2.402	2.514	4.491	1.48
1.0	9.00	0.52	0.04850	15.000	-20.780	-19.854	0.620	1.011	0.611	1.232	2.509	3.237	3.460	2.285	0.06
1.0	60.60	0.20	0.05001	15.000	-20.563	-19.712	0.620	1.021	0.604	1.215	2.422	3.146	3.352	4.090	0.16
1.0	132.80	0.13	0.05002	15.000	-20.441	-19.617	0.575	1.002	0.597	1.202	2.380	3.102	3.302	3.988	0.25
1.0	233.30	0.09	0.04995	15.000	-20.265	-19.471	0.526	0.980	0.588	1.186	2.336	3.053	3.249	3.889	0.35
1.0	378.30	0.07	0.05001	15.000	-20.010	-19.286	0.440	0.935	0.570	1.152	2.228	2.935	3.116	3.778	0.46
1.0	577.30	0.10	0.05001	15.000	-19.088	-18.437	0.351	0.884	0.549	1.112	2.109	2.800	2.965	3.606	0.58
1.0	860.30	0.14	0.04999	15.000	-18.478	-17.865	0.293	0.850	0.534	1.085	2.050	2.722	2.887	3.498	0.71
1.0	1262.80	0.19	0.05000	15.000	-17.591	-17.162	0.188	0.781	0.500	1.015	1.724	2.336	2.437	3.472	0.87
1.0	1832.50	0.24	0.05006	15.000	-17.188	-16.747	0.190	0.778	0.499	1.015	1.746	2.365	2.470	3.425	1.04
1.0	2653.10	0.32	0.04997	15.000	-16.802	-16.348	0.195	0.780	0.501	1.017	1.768	2.394	2.503	3.402	1.24
1.0	3855.90	0.41	0.05007	15.000	-15.794	-15.425	0.107	0.704	0.465	0.948	1.609	2.170	2.266	3.174	1.48
1.0	9.00	0.52	0.04850	10.000	-21.201	-20.263	0.538	0.959	0.593	1.204	2.540	3.275	3.509	2.849	0.06
1.0	60.60	0.20	0.05001	10.000	-20.943	-20.071	0.553	0.991	0.590	1.193	2.459	3.192	3.411	5.920	0.16
1.0	132.80	0.13	0.05002	10.000	-20.813	-19.972	0.514	0.976	0.583	1.180	2.412	3.141	3.354	5.868	0.25
1.0	233.30	0.09	0.04995	10.000	-20.630	-19.824	0.471	0.957	0.575	1.165	2.363	3.087	3.294	5.804	0.35
1.0	378.30	0.07	0.05001	10.000	-20.373	-19.638	0.396	0.921	0.560	1.136	2.252	2.966	3.157	5.718	0.46
1.0	577.30	0.10	0.05001	10.000	-19.441	-18.788	0.314	0.879	0.542	1.098	2.123	2.821	2.992	5.569	0.58
1.0	860.30	0.14	0.04999	10.000	-18.821	-18.210	0.260	0.852	0.529	1.074	2.059	2.736	2.906	5.442	0.71
1.0	1262.80	0.19	0.05000	10.000	-17.931	-17.504	0.166	0.791	0.499	1.016	1.736	2.355	2.454	5.435	0.87
1.0	1832.50	0.24	0.05006	10.000	-17.530	-17.091	0.165	0.790	0.499	1.015	1.757	2.384	2.487	5.375	1.04
1.0	2653.10	0.32	0.04997	10.000	-17.146	-16.694	0.170	0.792	0.501	1.018	1.779	2.413	2.520	5.348	1.24
1.0	3855.90	0.41	0.05007	10.000	-16.133	-15.764	0.081	0.734	0.473	0.960	1.628	2.194	2.288	5.035	1.48
1.0	9.00	0.52	0.04850	5.000	-21.988	-21.022	0.432	0.900	0.564	1.163	2.587	3.333	3.582	6.346	0.06
1.0	60.60	0.20	0.05001	5.000	-21.586	-20.725	0.436	0.924	0.558	1.141	2.442	3.180	3.408	6.138	0.16
1.0	132.80	0.13	0.05002	5.000	-21.436	-20.609	0.406	0.909	0.552	1.128	2.392	3.126	3.347	5.906	0.25
1.0	233.30	0.09	0.04995	5.000	-21.242	-20.450	0.373	0.891	0.544	1.113	2.340	3.069	3.283	5.650	0.35
1.0	378.30	0.07	0.05001	5.000	-20.962	-20.245	0.308	0.853	0.529	1.081	2.224	2.942	3.140	5.332	0.46
1.0	577.30	0.10	0.05001	5.000	-20.017	-19.384	0.243	0.811	0.510	1.044	2.087	2.787	2.965	4.941	0.58
1.0	860.30	0.14	0.04999	5.000	-19.417	-18.817	0.209	0.790	0.501	1.028	2.034	2.719	2.892	4.676	0.71
1.0	1262.80	0.19	0.05000	5.000	-18.505	-18.086	0.122	0.725	0.469	0.966	1.705	2.335	2.436	4.516	0.87
1.0	1832.50	0.24	0.05006	5.000	-18.094	-17.671	0.120	0.723	0.469	0.963	1.713	2.345	2.450	4.453	1.04
1.0	2653.10	0.32	0.04997	5.000	-17.700	-17.271	0.122	0.723	0.469	0.962	1.725	2.360	2.468	4.431	1.24
1.0	3855.90	0.41	0.05007	5.000	-16.711	-16.355	0.061	0.672	0.445	0.914	1.581	2.153	2.246	3.994	1.48

Table 6. Integrated magnitude and colours of galaxy models

$M_{L,T,12}$	$\nu(r_{j/2})$	$\tau(r_{j/2})$	$M_{L,t}$	Age	M_{bol}	M_V	(U−B)	(B−V)	(V−R)	(V−I)	(V−J)	(V−H)	(V−K)	(1550−V)	$r_{j/2}$
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
0.5	10.40	0.42	0.02425	15.000	-19.993	-19.084	0.622	1.014	0.610	1.229	2.490	3.217	3.437	2.555	0.06
0.5	68.30	0.16	0.02500	15.000	-19.771	-18.934	0.599	1.012	0.601	1.209	2.401	3.125	3.328	4.046	0.16
0.5	148.30	0.10	0.02501	15.000	-19.652	-18.846	0.549	0.990	0.592	1.193	2.356	3.074	3.272	3.946	0.25
0.5	258.50	0.07	0.02498	15.000	-19.514	-18.753	0.484	0.958	0.580	1.170	2.286	2.998	3.187	3.849	0.35
0.5	416.30	0.06	0.02500	15.000	-19.279	-18.565	0.419	0.925	0.566	1.145	2.213	2.915	3.096	3.745	0.46
0.5	631.60	0.08	0.02500	15.000	-18.706	-18.047	0.364	0.891	0.552	1.118	2.123	2.817	2.984	3.636	0.58
0.5	936.10	0.11	0.02499	15.000	-17.271	-16.884	0.137	0.736	0.479	0.976	1.647	2.226	2.323	3.301	0.71
0.5	1366.90	0.15	0.02500	15.000	-17.218	-16.779	0.202	0.792	0.504	1.025	1.745	2.366	2.469	3.512	0.87
0.5	1973.40	0.20	0.02503	15.000	-16.803	-16.351	0.204	0.790	0.504	1.025	1.767	2.394	2.501	3.464	1.04
0.5	2842.60	0.25	0.02498	15.000	-15.572	-15.221	0.091	0.689	0.458	0.933	1.575	2.118	2.212	3.128	1.24
0.5	4110.10	0.33	0.02503	15.000	-15.114	-14.783	0.076	0.675	0.450	0.919	1.535	2.059	2.149	3.095	1.48
0.5	10.40	0.42	0.02425	10.000	-20.404	-19.478	0.540	0.969	0.593	1.203	2.522	3.257	3.488	2.834	0.06
0.5	68.30	0.16	0.02500	10.000	-20.148	-19.290	0.535	0.984	0.587	1.187	2.436	3.168	3.384	5.902	0.16
0.5	148.30	0.10	0.02501	10.000	-20.022	-19.199	0.491	0.966	0.579	1.172	2.386	3.113	3.323	5.839	0.25
0.5	258.50	0.07	0.02498	10.000	-19.880	-19.105	0.435	0.940	0.569	1.152	2.314	3.034	3.234	5.764	0.35
0.5	416.30	0.06	0.02500	10.000	-19.638	-18.915	0.377	0.913	0.557	1.129	2.236	2.945	3.136	5.681	0.46
0.5	631.60	0.08	0.02500	10.000	-19.063	-18.399	0.326	0.885	0.545	1.104	2.141	2.842	3.015	5.593	0.58
0.5	936.10	0.11	0.02499	10.000	-17.610	-17.223	0.113	0.756	0.483	0.983	1.663	2.248	2.342	5.197	0.71
0.5	1366.90	0.15	0.02500	10.000	-17.559	-17.121	0.179	0.799	0.503	1.023	1.756	2.384	2.485	5.493	0.87
0.5	1973.40	0.20	0.02503	10.000	-17.146	-16.696	0.180	0.799	0.503	1.023	1.778	2.413	2.517	5.431	1.04
0.5	2842.60	0.25	0.02498	10.000	-15.910	-15.559	0.064	0.721	0.467	0.947	1.595	2.143	2.234	4.974	1.24
0.5	4110.10	0.33	0.02503	10.000	-15.450	-15.119	0.048	0.710	0.461	0.936	1.557	2.085	2.172	4.930	1.48
0.5	10.40	0.42	0.02425	5.000	-21.146	-20.201	0.444	0.914	0.565	1.162	2.560	3.305	3.550	6.294	0.06
0.5	68.30	0.16	0.02500	5.000	-20.781	-19.936	0.422	0.917	0.555	1.135	2.418	3.155	3.379	6.043	0.16
0.5	148.30	0.10	0.02501	5.000	-20.639	-19.830	0.388	0.899	0.548	1.120	2.365	3.096	3.314	5.778	0.25
0.5	258.50	0.07	0.02498	5.000	-20.481	-19.722	0.342	0.873	0.537	1.098	2.289	3.013	3.221	5.496	0.35
0.5	416.30	0.06	0.02500	5.000	-20.235	-19.526	0.298	0.847	0.526	1.077	2.212	2.926	3.124	5.222	0.46
0.5	631.60	0.08	0.02500	5.000	-19.637	-18.994	0.251	0.816	0.513	1.048	2.104	2.807	2.988	5.000	0.58
0.5	936.10	0.11	0.02499	5.000	-18.191	-17.812	0.085	0.694	0.455	0.937	1.629	2.225	2.319	4.192	0.71
0.5	1366.90	0.15	0.02500	5.000	-18.130	-17.701	0.132	0.733	0.473	0.973	1.724	2.362	2.465	4.604	0.87
0.5	1973.40	0.20	0.02503	5.000	-17.706	-17.273	0.130	0.730	0.472	0.970	1.733	2.372	2.479	4.537	1.04
0.5	2842.60	0.25	0.02498	5.000	-16.493	-16.153	0.049	0.661	0.440	0.903	1.549	2.104	2.193	3.918	1.24
0.5	4110.10	0.33	0.02503	5.000	-16.041	-15.716	0.039	0.652	0.436	0.894	1.516	2.054	2.139	3.860	1.48
0.1	14.70	0.25	0.00485	15.000	-18.186	-17.312	0.608	1.011	0.606	1.219	2.446	3.171	3.383	2.998	0.06
0.1	90.60	0.10	0.00500	15.000	-17.977	-17.171	0.549	0.990	0.592	1.193	2.355	3.073	3.271	3.961	0.16
0.1	191.90	0.06	0.00500	15.000	-17.826	-17.070	0.472	0.952	0.578	1.166	2.279	2.988	3.178	3.832	0.25
0.1	328.70	0.04	0.00500	15.000	-17.694	-17.011	0.388	0.905	0.559	1.130	2.163	2.860	3.034	3.709	0.35
0.1	521.40	0.03	0.00500	15.000	-17.575	-16.926	0.330	0.870	0.544	1.104	2.109	2.794	2.965	3.577	0.46
0.1	780.80	0.05	0.00500	15.000	-16.737	-16.355	0.131	0.729	0.476	0.970	1.637	2.211	2.307	3.278	0.58
0.1	1142.80	0.07	0.00500	15.000	-16.415	-15.989	0.187	0.780	0.499	1.014	1.720	2.331	2.432	3.473	0.71
0.1	1648.80	0.09	0.00500	15.000	-16.110	-15.656	0.214	0.800	0.508	1.032	1.770	2.399	2.504	3.527	0.87
0.1	2352.90	0.12	0.00501	15.000	-14.500	-14.191	0.056	0.654	0.439	0.897	1.490	1.989	2.076	3.027	1.04
0.1	3350.20	0.15	0.00500	15.000	-14.214	-13.898	0.063	0.661	0.443	0.904	1.506	2.013	2.101	3.050	1.24
0.1	4787.80	0.20	0.00501	15.000	-13.933	-13.607	0.071	0.670	0.448	0.914	1.525	2.044	2.133	3.079	1.48
0.1	14.70	0.25	0.00485	10.000	-18.582	-17.686	0.535	0.976	0.591	1.196	2.483	3.217	3.442	3.212	0.06
0.1	90.60	0.10	0.00500	10.000	-18.349	-17.525	0.492	0.966	0.579	1.173	2.388	3.115	3.325	5.841	0.16
0.1	191.90	0.06	0.00500	10.000	-18.192	-17.422	0.424	0.936	0.567	1.149	2.308	3.026	3.226	5.736	0.25
0.1	328.70	0.04	0.00500	10.000	-18.058	-17.363	0.349	0.898	0.551	1.117	2.191	2.897	3.080	5.627	0.35
0.1	521.40	0.03	0.00500	10.000	-17.936	-17.275	0.296	0.870	0.540	1.095	2.137	2.830	3.010	5.469	0.46
0.1	780.80	0.05	0.00500	10.000	-17.075	-16.694	0.106	0.751	0.481	0.978	1.652	2.233	2.326	5.167	0.58
0.1	1142.80	0.07	0.00500	10.000	-16.755	-16.330	0.164	0.790	0.498	1.015	1.732	2.350	2.448	5.435	0.71
0.1	1648.80	0.09	0.00500	10.000	-16.452	-16.000	0.191	0.806	0.506	1.030	1.779	2.416	2.520	5.518	0.87
0.1	2352.90	0.12	0.00501	10.000	-14.835	-14.526	0.026	0.693	0.453	0.917	1.514	2.017	2.100	4.845	1.04
0.1	3350.20	0.15	0.00500	10.000	-14.549	-14.233	0.033	0.699	0.455	0.923	1.528	2.041	2.125	4.873	1.24
0.1	4787.80	0.20	0.00501	10.000	-14.269	-13.943	0.043	0.706	0.459	0.931	1.547	2.070	2.156	4.910	1.48
0.1	14.70	0.25	0.00485	5.000	-19.259	-18.361	0.436	0.917	0.561	1.151	2.494	3.235	3.471	6.166	0.06
0.1	90.60	0.10	0.00500	5.000	-18.966	-18.156	0.388	0.899	0.548	1.120	2.367	3.098	3.316	5.788	0.16
0.1	191.90	0.06	0.00500	5.000	-18.795	-18.039	0.335	0.869	0.536	1.096	2.284	3.007	3.215	5.417	0.25
0.1	328.70	0.04	0.00500	5.000	-18.639	-17.962	0.270	0.828	0.519	1.061	2.160	2.868	3.059	5.095	0.35
0.1	521.40	0.03	0.00500	5.000	-18.520	-17.877	0.233	0.804	0.509	1.041	2.105	2.801	2.988	4.775	0.46
0.1	780.80	0.05	0.00500	5.000	-17.657	-17.283	0.080	0.689	0.453	0.932	1.618	2.208	2.302	4.152	0.58
0.1	1142.80	0.07	0.00500	5.000	-17.330	-16.913	0.121	0.725	0.469	0.966	1.703	2.332	2.432	4.514	0.71
0.1	1648.80	0.09	0.00500	5.000	-17.016	-16.578	0.139	0.738	0.475	0.977	1.742	2.387	2.492	4.653	0.87
0.1	2352.90	0.12	0.00501	5.000	-15.429	-15.126	0.023	0.636	0.428	0.878	1.471	1.984	2.063	3.758	1.04
0.1	3350.20	0.15	0.00500	5.000	-15.142	-14.832	0.028	0.641	0.431	0.883	1.487	2.008	2.089	3.791	1.24
0.1	4787.80	0.20	0.00501	5.000	-14.860	-14.541	0.035	0.648	0.434	0.890	1.506	2.039	2.122	3.836	1.48

Table 6. Integrated magnitude and colours of galaxy models

$M_{L,T,12}$	$\nu(r_{j/2})$	$\tau(r_{j/2})$	$M_{L,t}$	Age	M_{bol}	M_V	(U–B)	(B–V)	(V–R)	(V–I)	(V–J)	(V–H)	(V–K)	(1550–V)	$r_{j/2}$
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
0.05	17.00	0.20	0.00243	15.000	-17.406	-16.548	0.598	1.008	0.603	1.214	2.425	3.149	3.358	3.232	0.06
0.05	102.40	0.08	0.00250	15.000	-17.179	-16.393	0.517	0.975	0.586	1.182	2.323	3.039	3.233	3.912	0.16
0.05	214.60	0.05	0.00250	15.000	-17.057	-16.331	0.437	0.933	0.570	1.152	2.231	2.936	3.119	3.794	0.25
0.05	364.90	0.03	0.00250	15.000	-16.934	-16.253	0.363	0.893	0.554	1.122	2.163	2.852	3.033	3.658	0.35
0.05	575.20	0.03	0.00250	15.000	-16.777	-16.210	0.230	0.803	0.515	1.049	1.974	2.623	2.787	3.400	0.46
0.05	856.50	0.04	0.00250	15.000	-16.206	-15.813	0.144	0.742	0.482	0.982	1.659	2.243	2.340	3.325	0.58
0.05	1247.10	0.05	0.00250	15.000	-15.801	-15.367	0.198	0.790	0.503	1.022	1.735	2.351	2.453	3.512	0.71
0.05	1790.20	0.07	0.00250	15.000	-15.583	-15.126	0.216	0.801	0.509	1.033	1.777	2.408	2.514	3.521	0.87
0.05	2542.10	0.09	0.00250	15.000	-13.983	-13.675	0.056	0.654	0.440	0.897	1.491	1.991	2.077	3.028	1.04
0.05	3602.20	0.12	0.00250	15.000	-13.701	-13.385	0.062	0.661	0.443	0.904	1.505	2.013	2.100	3.049	1.24
0.05	5122.60	0.16	0.00250	15.000	-13.421	-13.097	0.070	0.669	0.447	0.912	1.522	2.040	2.128	3.075	1.48
0.05	17.00	0.20	0.00243	10.000	-17.798	-16.916	0.530	0.977	0.589	1.192	2.464	3.197	3.419	3.536	0.06
0.05	102.40	0.08	0.00250	10.000	-17.548	-16.746	0.464	0.954	0.574	1.163	2.355	3.078	3.284	5.806	0.16
0.05	214.60	0.05	0.00250	10.000	-17.424	-16.683	0.394	0.920	0.561	1.137	2.262	2.976	3.170	5.696	0.25
0.05	364.90	0.03	0.00250	10.000	-17.294	-16.600	0.327	0.888	0.547	1.111	2.192	2.889	3.080	5.548	0.35
0.05	575.20	0.03	0.00250	10.000	-17.131	-16.553	0.201	0.817	0.515	1.048	2.005	2.663	2.835	5.249	0.46
0.05	856.50	0.04	0.00250	10.000	-16.545	-16.152	0.120	0.761	0.485	0.988	1.673	2.264	2.359	5.229	0.58
0.05	1247.10	0.05	0.00250	10.000	-16.141	-15.709	0.175	0.797	0.501	1.021	1.745	2.370	2.469	5.491	0.71
0.05	1790.20	0.07	0.00250	10.000	-15.926	-15.470	0.192	0.807	0.507	1.031	1.786	2.426	2.530	5.510	0.87
0.05	2542.10	0.09	0.00250	10.000	-14.319	-14.009	0.027	0.693	0.453	0.918	1.514	2.018	2.101	4.846	1.04
0.05	3602.20	0.12	0.00250	10.000	-14.037	-13.720	0.033	0.699	0.455	0.923	1.528	2.040	2.124	4.872	1.24
0.05	5122.60	0.16	0.00250	10.000	-13.757	-13.433	0.042	0.705	0.459	0.930	1.544	2.066	2.151	4.905	1.48
0.05	17.00	0.20	0.00243	5.000	-18.453	-17.576	0.427	0.914	0.558	1.144	2.463	3.202	3.434	6.102	0.06
0.05	102.40	0.08	0.00250	5.000	-18.158	-17.371	0.366	0.887	0.543	1.111	2.333	3.061	3.275	5.643	0.16
0.05	214.60	0.05	0.00250	5.000	-18.016	-17.292	0.308	0.852	0.529	1.082	2.236	2.953	3.155	5.291	0.25
0.05	364.90	0.03	0.00250	5.000	-17.897	-17.213	0.263	0.825	0.517	1.062	2.171	2.874	3.071	4.925	0.35
0.05	575.20	0.03	0.00250	5.000	-17.732	-17.162	0.165	0.757	0.488	1.003	1.982	2.647	2.825	4.371	0.46
0.05	856.50	0.04	0.00250	5.000	-17.125	-16.740	0.090	0.698	0.457	0.941	1.640	2.241	2.337	4.233	0.58
0.05	1247.10	0.05	0.00250	5.000	-16.715	-16.290	0.129	0.731	0.472	0.972	1.717	2.352	2.454	4.593	0.71
0.05	1790.20	0.07	0.00250	5.000	-16.488	-16.048	0.140	0.738	0.475	0.977	1.746	2.392	2.498	4.648	0.87
0.05	2542.10	0.09	0.00250	5.000	-14.913	-14.610	0.023	0.637	0.428	0.878	1.472	1.985	2.065	3.760	1.04
0.05	3602.20	0.12	0.00250	5.000	-14.629	-14.319	0.028	0.641	0.431	0.883	1.486	2.007	2.089	3.790	1.24
0.05	5122.60	0.16	0.00250	5.000	-14.349	-14.031	0.034	0.647	0.434	0.889	1.503	2.034	2.117	3.829	1.48
0.005	27.70	0.09	0.00024	15.000	-14.839	-14.030	0.547	0.988	0.593	1.194	2.358	3.076	3.275	3.776	0.06
0.005	154.10	0.04	0.00025	15.000	-14.600	-13.908	0.395	0.910	0.561	1.134	2.178	2.875	3.053	3.739	0.16
0.005	312.30	0.03	0.00025	15.000	-14.442	-13.816	0.303	0.855	0.538	1.091	2.072	2.746	2.916	3.555	0.25
0.005	518.50	0.03	0.00025	15.000	-14.143	-13.596	0.221	0.796	0.511	1.041	1.940	2.587	2.742	3.366	0.35
0.005	800.70	0.03	0.00025	15.000	-13.825	-13.358	0.171	0.761	0.493	1.005	1.798	2.412	2.544	3.315	0.46
0.005	1171.10	0.03	0.00025	15.000	-13.316	-12.940	0.123	0.722	0.473	0.964	1.625	2.194	2.290	3.252	0.58
0.005	1676.60	0.03	0.00025	15.000	-13.309	-12.926	0.123	0.720	0.473	0.963	1.638	2.211	2.309	3.227	0.71
0.005	2367.90	0.03	0.00025	15.000	-12.544	-12.237	0.054	0.651	0.438	0.894	1.486	1.982	2.069	3.021	0.87
0.005	3309.80	0.04	0.00025	15.000	-12.264	-11.953	0.058	0.656	0.441	0.899	1.496	1.998	2.085	3.035	1.04
0.005	4616.90	0.06	0.00025	15.000	-11.985	-11.669	0.063	0.661	0.443	0.905	1.507	2.015	2.103	3.051	1.24
0.005	27.70	0.09	0.00024	10.000	-15.220	-14.387	0.491	0.964	0.581	1.176	2.398	3.126	3.338	4.778	0.06
0.005	154.10	0.04	0.00025	10.000	-14.966	-14.258	0.356	0.902	0.553	1.122	2.210	2.916	3.103	5.641	0.16
0.005	312.30	0.03	0.00025	10.000	-14.800	-14.162	0.271	0.857	0.533	1.084	2.101	2.784	2.962	5.438	0.25
0.005	518.50	0.03	0.00025	10.000	-14.491	-13.939	0.191	0.810	0.511	1.039	1.962	2.614	2.775	5.243	0.35
0.005	800.70	0.03	0.00025	10.000	-14.167	-13.698	0.144	0.779	0.495	1.008	1.817	2.437	2.572	5.196	0.46
0.005	1171.10	0.03	0.00025	10.000	-13.654	-13.278	0.098	0.746	0.478	0.973	1.642	2.216	2.309	5.134	0.58
0.005	1676.60	0.03	0.00025	10.000	-13.649	-13.266	0.098	0.745	0.479	0.972	1.654	2.234	2.330	5.103	0.71
0.005	2367.90	0.03	0.00025	10.000	-12.879	-12.572	0.024	0.692	0.452	0.915	1.509	2.010	2.093	4.837	0.87
0.005	3309.80	0.04	0.00025	10.000	-12.600	-12.288	0.029	0.695	0.454	0.919	1.519	2.025	2.109	4.854	1.04
0.005	4616.90	0.06	0.00025	10.000	-12.321	-12.004	0.034	0.699	0.456	0.924	1.529	2.042	2.126	4.874	1.24
0.005	6462.50	0.07	0.00025	10.000	-11.673	-11.360	0.029	0.696	0.454	0.920	1.520	2.027	2.110	4.856	1.48
0.005	27.70	0.09	0.00024	5.000	-15.839	-15.019	0.388	0.897	0.548	1.122	2.380	3.112	3.333	5.822	0.06
0.005	154.10	0.04	0.00025	5.000	-15.554	-14.863	0.279	0.834	0.521	1.067	2.183	2.893	3.088	5.125	0.16
0.005	312.30	0.03	0.00025	5.000	-15.394	-14.769	0.217	0.794	0.504	1.034	2.076	2.765	2.950	4.693	0.25
0.005	518.50	0.03	0.00025	5.000	-15.084	-14.543	0.155	0.749	0.483	0.993	1.931	2.591	2.756	4.350	0.35
0.005	800.70	0.03	0.00025	5.000	-14.758	-14.296	0.115	0.718	0.468	0.963	1.788	2.418	2.556	4.237	0.46
0.005	1171.10	0.03	0.00025	5.000	-14.237	-13.869	0.075	0.684	0.451	0.928	1.606	2.191	2.284	4.111	0.58
0.005	1676.60	0.03	0.00025	5.000	-14.225	-13.855	0.073	0.682	0.450	0.925	1.610	2.195	2.290	4.081	0.71
0.005	2367.90	0.03	0.00025	5.000	-13.473	-13.173	0.021	0.635	0.428	0.876	1.467	1.976	2.056	3.749	0.87
0.005	3309.80	0.04	0.00025	5.000	-13.193	-12.888	0.025	0.638	0.429	0.880	1.476	1.992	2.072	3.769	1.04
0.005	4616.90	0.06	0.00025	5.000	-12.914	-12.603	0.028	0.642	0.431	0.884	1.487	2.009	2.091	3.793	1.24
0.005	6462.50	0.07	0.00025	5.000	-12.266	-11.960	0.025	0.638	0.429	0.880	1.478	1.994	2.074	3.772	1.48

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