Table 3: Intensity-averaged mean magnitudes for the full set of first-overtone models

Z	$M/M_\odot$	$\log L/\log L_\odot$	T_e (K)	P (d)	$< u >$	$< g >$	$< r >$	$< i >$	$< z >$
0.0001	0.65	1.61	7300	0.2527	1.8838	0.7553	0.7572	0.8255	0.8918
0.0001	0.65	1.61	7200	0.2634	1.8843	0.7737	0.7664	0.8242	0.8826
0.0001	0.65	1.61	7100	0.2763	1.8890	0.7894	0.7640	0.8106	0.8627
0.0001	0.65	1.61	7000	0.2889	1.8952	0.8038	0.7572	0.7922	0.8388
0.0001	0.65	1.61	6900	0.3027	1.9020	0.8204	0.7503	0.7732	0.8142
0.0001	0.65	1.61	6800	0.3182	1.9087	0.8400	0.7440	0.7543	0.7897
0.0001	0.65	1.61	6700	0.3336	1.9142	0.8605	0.7395	0.7369	0.7667
0.0001	0.65	1.61	6600	0.3510	1.9209	0.8826	0.7382	0.7230	0.7466
0.0001	0.70	1.72	7200	0.3093	1.6156	0.4855	0.4725	0.5319	0.5918
0.0001	0.70	1.72	7100	0.3236	1.6187	0.5011	0.4763	0.5251	0.5777
0.0001	0.70	1.72	7000	0.3391	1.6243	0.5179	0.4732	0.5103	0.5569
0.0001	0.70	1.72	6900	0.3551	1.6309	0.5354	0.4678	0.4929	0.5338
0.0001	0.70	1.72	6800	0.3743	1.6377	0.5549	0.4633	0.4758	0.5108
0.0001	0.70	1.72	6700	0.3919	1.6446	0.5759	0.4599	0.4595	0.4885
0.0001	0.70	1.72	6600	0.4108	1.6512	0.5977	0.4576	0.4444	0.4675
0.0001	0.75	1.61	7300	0.2327	1.8717	0.7755	0.7866	0.8537	0.9170
0.0001	0.75	1.61	7200	0.2437	1.8771	0.7923	0.7852	0.8410	0.8980
0.0001	0.75	1.61	7100	0.2535	1.8819	0.8019	0.7764	0.8216	0.8731
0.0001	0.75	1.61	7000	0.2669	1.8905	0.8132	0.7666	0.8005	0.8466
0.0001	0.75	1.61	6900	0.2787	1.8974	0.8255	0.7562	0.7786	0.8194
0.0001	0.75	1.61	6800	0.2912	1.9038	0.8426	0.7480	0.7581	0.7936
0.0001	0.75	1.61	6700	0.3065	1.9106	0.8648	0.7437	0.7406	0.7703
0.0001	0.75	1.61	6600	0.3234	1.9162	0.8859	0.7417	0.7264	0.7503
0.0001	0.75	1.72	7200	0.2975	1.6125	0.4882	0.4800	0.5393	0.5985
0.0001	0.75	1.72	7000	0.3261	1.6213	0.5227	0.4805	0.5172	0.5630
0.0001	0.75	1.72	6900	0.3419	1.6282	0.5386	0.4739	0.4985	0.5386
0.0001	0.75	1.72	6800	0.3577	1.6358	0.5573	0.4673	0.4795	0.5141
0.0001	0.75	1.72	6600	0.3961	1.6497	0.6013	0.4598	0.4457	0.4687
0.0001	0.75	1.81	7100	0.3665	1.3987	0.2708	0.2432	0.2929	0.3460
0.0001	0.75	1.81	6900	0.4037	1.4103	0.3046	0.2393	0.2660	0.3067
0.0001	0.80	1.72	7200	0.2866	1.6074	0.4968	0.4939	0.5529	0.6105
0.0001	0.80	1.72	7100	0.2993	1.6117	0.5135	0.4929	0.5407	0.5918
0.0001	0.80	1.72	7000	0.3130	1.6177	0.5275	0.4865	0.5228	0.5681

0.0001	0.80	1.72	6900	0.3277	1.6254	0.5416	0.4780	0.5024	0.5422
0.0001	0.80	1.72	6800	0.3445	1.6336	0.5591	0.4702	0.4821	0.5164
0.0001	0.80	1.72	6700	0.3625	1.6411	0.5806	0.4644	0.4632	0.4920
0.0001	0.80	1.72	6600	0.3806	1.6478	0.6031	0.4613	0.4470	0.4699
0.0001	0.80	1.72	6500	0.3984	1.6564	0.6267	0.4612	0.4342	0.4508
0.0001	0.80	1.81	7100	0.3525	1.3958	0.2726	0.2491	0.2990	0.3515
0.0001	0.80	1.81	7000	0.3698	1.4013	0.2904	0.2495	0.2878	0.3336
0.0001	0.80	1.81	6900	0.3871	1.4082	0.3071	0.2442	0.2706	0.3107
0.0001	0.80	1.81	6800	0.4065	1.4156	0.3262	0.2390	0.2529	0.2872
0.0001	0.80	1.81	6700	0.4266	1.4237	0.3480	0.2354	0.2362	0.2646
0.0001	0.80	1.81	6600	0.4480	1.4310	0.3706	0.2325	0.2200	0.2425
0.0001	0.80	1.91	7000	0.4450	1.1586	0.0304	-.0136	0.0264	0.0729
0.0001	0.80	1.91	6900	0.4672	1.1659	0.0487	-.0144	0.0138	0.0541
0.0001	0.80	1.91	6800	0.4926	1.1733	0.0677	-.0174	-.0014	0.0329
0.0001	0.80	1.91	6700	0.5150	1.1818	0.0888	-.0195	-.0163	0.0117
0.0001	0.80	1.91	6600	0.5421	1.1908	0.1117	-.0213	-.0314	-.0096
0.0004	0.70	1.61	7300	0.2422	1.8825	0.7488	0.7539	0.8241	0.8914
0.0004	0.70	1.61	7200	0.2535	1.8851	0.7705	0.7623	0.8213	0.8809
0.0004	0.70	1.61	7100	0.2652	1.8918	0.7837	0.7562	0.8042	0.8582
0.0004	0.70	1.61	7000	0.2778	1.9006	0.7982	0.7489	0.7852	0.8335
0.0004	0.70	1.61	6900	0.2909	1.9091	0.8123	0.7395	0.7641	0.8072
0.0004	0.70	1.61	6800	0.3046	1.9176	0.8302	0.7314	0.7436	0.7815
0.0004	0.70	1.61	6700	0.3208	1.9257	0.8516	0.7261	0.7253	0.7576
0.0004	0.70	1.61	6600	0.3360	1.9338	0.8731	0.7236	0.7103	0.7366
0.0004	0.70	1.72	7100	0.3251	1.6253	0.4904	0.4616	0.5124	0.5674
0.0004	0.70	1.72	7000	0.3406	1.6322	0.5069	0.4581	0.4973	0.5463
0.0004	0.70	1.72	6900	0.3567	1.6408	0.5251	0.4530	0.4802	0.5235
0.0004	0.70	1.72	6800	0.3747	1.6488	0.5437	0.4481	0.4629	0.5005
0.0004	0.70	1.72	6700	0.3933	1.6579	0.5649	0.4447	0.4466	0.4781
0.0004	0.70	1.81	7000	0.4033	1.4136	0.2741	0.2256	0.2667	0.3156
0.0004	0.70	1.81	6900	0.4217	1.4218	0.2920	0.2227	0.2521	0.2950
0.0004	0.70	1.81	6800	0.4431	1.4310	0.3112	0.2192	0.2362	0.2732
0.0004	0.70	1.81	6700	0.4658	1.4409	0.3322	0.2166	0.2208	0.2516
0.0010	0.65	1.51	7300	0.2119	2.1313	1.0031	1.0048	1.0752	1.1437
0.0010	0.65	1.51	7200	0.2214	2.1380	1.0169	1.0007	1.0604	1.1231
0.0010	0.65	1.51	7100	0.2311	2.1468	1.0288	0.9926	1.0414	1.0987
0.0010	0.65	1.51	7000	0.2427	2.1578	1.0426	0.9836	1.0208	1.0728
0.0010	0.65	1.51	6900	0.2545	2.1683	1.0577	0.9739	0.9993	1.0463