CATALOGUE OF MAIN CHARACTERISTICS OF PULSATIONS OF 173 SEMI–REGULAR STARS

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ABSTRACT. The characteristics of brightness variations of 173 semi–regular stars are tabulated: the moments and brightness of the extrema; the effective periods, amplitudes and significance obtained by using different methods: a) the periodogram analysis (harmonic least squares fit) with prewhitening to determine characteristics and significance of waves with 3 periods; b) the wavelet analysis to determine characteristics of statistically significant waves; c) the "running parabola" scalegram analysis to determine the optimal filter half–width for smoothing. The characteristics may be used for more precise classification of semi-regular variables.

Characteristics of the 6509 extrema of 147 stars are listed.

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The observations for the analysis have been taken from the AFOEV and VSOLJ databases (with a duration up to 94 years) for the stars: AQ, EH, EK, RS, RU, RV, ST, TV, TY, TZ, UX, VX And; GY, PX, S, V, V844 Aql; V, Z Aqr; T Ari; AG, RS, S, UU, Z Aur; RV, RW, RX, RZ, U, V, WY Boo; T Cae; RR, RS, RY, S, ST, U Cam; RT Cap; PZ, SV, UX, V393, V465, WZ Cas; T, Y Cen; AR, RU, RW, RX, SS, TY, W Cep; T Cet; RS, RT, T, X Cnc; RR, RS, TT CrB; V, Y Cvn; AA, AF, AI, AV, AW, BC, RS, RU, RV, RW, RZ, TT, V460, W Cyg; EU, U Del; RS, RY, S, TX, UX, WZ Dra; SY, Z Eri; IS, NQ, RS, SW, TU, TV, Y Gem; DE, MZ, RR, ST, SX, UU, X Her; FF, RT, U, V, W, Y Hya; RS Lac; RY, SX Leo; RX, S Lep; U, W LMi; Y, EG, R, SZ Lyr; RV, SW, X Mon; V759 Oph; BQ, FX, GT, RT, W Ori; AF, AK, SV, TX Peg; AD, BU, DY, FZ, RS, RU, S, SU, SY, T, UZ, W, XX Per; R Pic; RT, RW, Z Psc; BM Sco; S Sct; FG Ser; X Sge; AB, TT, W, Y Tau; W Tri; RX, RY, RZ, ST, SV, V, Y, Z UMa; R, V UMi; RT, SS, SW Vir; RU Vul.

Key words: Stars: Pulsating: semi–regular

Recent electronic publication of the patrol visual observations of the members of AFOEV *(ftp://cdsarc.u-strasbg.fr/pub/afoev/and/aq)* and VSOLJ *(ftp.kusastro.kyoto-u.ac.jp/pub/vsnet/VSOLJ/database/stars/and_aq.jd)* (example for the first star) has allowed to make time series analysis of thousands of stars. This catalogue continues the series of catalogues of main characteristics of long–periodic stars. The previous catalogues of the characteristics of Mira–type stars have been published by Marsakova and Andronov (1998, 2000). This catalogue is devoted to semi-regular variables and will be used for further photometric classification using additional criteria.

The data were filtered to remove "uncertain" (:) and "fainter than (<) brightness estimates. The AFOEV and VSOLJ databases for each star were joined and sorted according to time. Additional filtration was made on the basis of the shape of the light curve and the corresponding "running parabola" fit (Andronov, 1997). The procedure was not completely automatic, all the curves were checked visually by using a specially developed program "OL.exe" compiled with a 32-bit Free Pascal (www.freepascal.org). The apparently outstanding points were removed. Sometimes

all observations by one author were removed. After reduction of 531256 initial observations of 173 stars, 457379 data points remained.

For the analysis, we have used various complementary methods.

The **Table 1** contains the standard characteristics (journal of observations). The duration of the observations ranged from 1221^d (RW Psc) to $34225^d \approx 94$ years (R Lyr) with a median at $25661^d \approx 70$ years. The r.m.s. deviation of the mean ranged from $0\overset{m}{.}106$ (T Cae) to $1\overset{m}{.}612$ (GY Aql) with a median at $0\overset{m}{.}365$. The total amplitude of individual unsmoothed observations ranged from $0\overset{m}{.}6$ (T Cae) to $6\overset{m}{.}9$ (V Hya).

In the **Table 2**, we present results of the periodogram analysis based on the first–order trigonometric polynomial fit (program FOUR-1 described by Andronov (1994)). The preliminary value of the frequency obtained from a grid of 10,000 frequencies ($0\overset{d}{.}000002$ cycles/day to $0\overset{d}{.}02$ c/d with a step of $0\overset{d}{.}000002$ c/d) was optimized by using the differential corrections. After determining of the period corresponding to a maximum correlation between the observations and the fit, the observations have been "prewhitened", i.e. the values of the smoothing function have been substracted from the input data. The fit is characterized by the period P and its accuracy estimate σ_P; the semi–amplitude r and the amplitude "signal–to–noise" ratio r/σ_r; the variance "signal–to–noise" ratios $S_1 = \frac{2}{n-1}\langle S(f)\rangle$ and $S_2 = \frac{2}{n-3}\langle Z(f)\rangle$ and corresponding "false alarm probabilities" $Pr_2 = 1-(1-Pr_1)^{N_e}$, where $Pr_1 = (1-S_m)^{(n-3)/2}$ (Andronov, 1994), and $Pr_4 = 1-(1-Pr_3)^{N_e}$, where $Pr_3 = \exp(-Z_m/\langle Z(f)\rangle)$ (Terebizh, 1992). Here test–functions $S(f) = \sigma_C^2/\sigma_O^2 = 1 - \sigma_{O-C}^2/\sigma_O^2$ and $Z(f) = S/(1-S) = \sigma_C^2/\sigma_{O-C}^2$ are averaged over all computed 10^4 frequencies, whereas the "effective number of independent frequencies" is estimated as $N_e = (f_{max}-f_{min})(t_n-t_1)n/(n-1)+1$ (Andronov, 1994). The index "m" corresponds to a maximal value of the corresponding function. Instead of probabilities, we present the related values $L_i = -\lg Pr_i$. The value corresponding to the "3σ" criterion (false alarm probability of 0.003) is $L = -\lg 0.003 \approx 2.5$, i.e. the formally obtained harmonic waves with $L_2 < L$ or $L_4 < L$ are not statistically significant. However, we present characteristics of 3 peaks obtained by using subsequent "prewhitening" for comparison among the stars studied. It should be taken into account that this method of analysis assumes presence of simultaneously acting oscillations with few different periods and amplitudes, and thus may be applied only to a small sample of stars. If the period of pulsations switches from one value to another (as e.g. in AF Cyg), this method may present only the values of the periods and the lower limit of the amplitude (as it is averaged for the complete interval including the intervals of inactivity of the oscillation with a given period). The false alarm probability characteristic $L_4 < L_2$, thus often the oscillations statistically significant assuming the "white noise" null hypothesis (L_2) are not significant taking into account numerous biases (L_4).

To obtain characteristics of the oscillations with a low coherency, we have used the Morlet-type wavelet analysis using the extension of the Foster's (1996) method proposed by Andronov (1998, 1999). Results are presented in **Table 3** for all statistically significant peaks and the highest one at the wavelet map.

The following algorithm was used. The test function $WWZ(P,t)$ proposed by Foster (1996) was computed for the constant "time–frequency resolution parameter" $c = 0.0125$, trial periods ranging from 10^d to $10,000^d$ with a constant logarithmic step $\Delta \lg P = 0.02$ and a time step $\Delta t = 20^d$ for $P \le 1000^d$ and $\Delta t = 200^d$ for longer periods. Then this function WWZ as well as the wavelet amplitude WWA (Foster, 1996) and the test function $S = \rho^2 = \sigma_C^2/\sigma_O^2 = 1-\sigma_{O-C}^2/\sigma_O^2$ was averaged for all available times (the points with unsufficient number of data were omitted) with the weights depending on time as discussed by Andronov (1998, 1999) to obtain a wavelet-type periodograms.

For large effective number of observations and the white noise data, the value of $WWZ(P,t)$ is a random variable with a ne-

arly exponential distribution (Foster, 1996). In thus case, the false alarm probability of the peak is $Pr_5 = \exp(-WWZ)$, and the "3σ" criterion corresponds exceed the limiting value of $Z = -\ln Pr_5 \approx 5.9$ for any fixed period P and time t. However, when averaging the test function over time, one will obtain a mean of (generally, dependent) variables which has a distribution intermediate between the initial distribution (one member of a sum) and the normal one (large number of summands). Thus one may only very roughly estimate the false alarm probability for the wavelet analysis. To avoid spurious peaks owed to effects of correlations among the data themself and the corresponding test functions, we have adopted a much stronger criterion with a limiting value of $WWZ_L = 10$. For exponential distribution, this value corresponds to a false alarm probability of $e^{-WWZ_L} = 10^{-WWZ_L \lg e} \approx 10^{-4.3}$. If the highest peak does not exceed the limiting value, its charactersistics are still listed to show absence of statistically significant waves.

The peaks of the function WWZ have been chosen, which exceed this limiting value. Taking into account the shift of the maximum of the test function WWZ in respect to the "true" period (Foster, 1996), we adopted the following procedure: a) the maximum of the test function $S(f)$ (Andronov, 1998) is determined in the vicinity of the maximum of WWZ, thus determining an unbiased value of the period; b) the values of WWZ and WWA are recomputed for this corrected period value.

The **Table 4** contains characteristics of the scalegram analysis using the method of "Running parabolae" (Andronov, 1997). The test functions depending on the filter half-width are the following: σ_2 – the *unbiased* estimate of the root mean squared deviations of the data from the central point of a running fit; σ_6 – the root mean squared average value of the accuracy estimate of the smoothing function; σ_C^2 – the variance of the smoothing function; $Z = S/N = \sigma_6/\sigma_C$ – amplitude "signal/noise" ratio. The following characteristics are listed: Δt – the filter half-width corresponding to the maximum "signal–to–noise" ratio Z; the corresponding values of Z, σ_2, σ_6. This value corresponds to a value when the increase of the systematic deviations of the data from the fit becomes increasing more rapidly with Δt than the decreasing of the statistical error owed to enlarging effective number of data. This value may be adopted as a higher limit of the optimal Δt. For comparison, we list a lower limit of Δt corresponding to a minimum of σ_2.

In the **Table 5,** the characteristics of 6509 individual maxima and minima are listed – the times t_{max} and t_{min} (JD-2400000) and brightnesses m_{max} and m_{min} with corresponding error estimates. They have been computed by using a polynomial fit corresponding to a minimal error estimate of the time in a given subinterval. The number of unknowns is equal to the degree of the polynomial plus unity.

The time intervals near extrema were determined manually, using the visualization of the data together with a "running parabola" fit.

Some our papers on the present topic, which are absent in the ADS, are listed at the WEB pages *http://ila.webjump.com* and partially posted at *http://oap.webjump.com.*

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Table 1. General characteristics of the time series: the star designation, number of data points n, the times of the first (t_1=JD-2400000) and last (t_n=JD-2451000) observations, the brightest m_{max} and weakest m_{min} brightness estimates, the mean brightness $\langle m \rangle$ and the standard deviation σ_m of the data from the mean.

Star	n	t_1	t_n	m_{max}	m_{min}	$\langle m \rangle$	σ_m	Star	n	t_1	t_n	m_{max}	m_{min}	$\langle m \rangle$	σ_m
And AQ	1733	29207	602	7.5	9.5	8.54	.306	Cep RX	1018	25494	623	6.7	8.5	7.57	.257
And EH	114	40857	500	9.1	12.3	10.67	.630	Cep SS	4307	18929	623	6.3	8.7	7.36	.275
And EK	274	44275	600	10.8	11.7	11.28	.152	Cep TY	499	22781	625	10.1	12.8	11.51	.499
And RS	1362	24520	602	7.4	9.9	8.82	.397	Cep W	2256	19912	626	6.1	9.1	7.76	.458
And RU	1068	37165	608	10.4	13.7	11.73	.535	Cet T	4232	17444	544	4.5	7.4	6.18	.409
And RV	879	28551	627	8.8	11.5	10.06	.447	Cnc RS	8049	24226	629	4.9	7.5	6.12	.344
And ST	707	20160	602	8.4	12.0	9.83	.812	Cnc RT	1204	26017	625	6.8	8.7	7.75	.375
And TV	2350	18168	602	8.2	11.4	10.18	.486	Cnc T	1283	17951	626	7.8	10.7	9.03	.489
And TY	884	28394	602	8.5	11.0	9.66	.341	Cnc X	8113	17951	544	5.7	7.9	6.73	.286
And TZ	324	26739	602	8.0	10.0	8.76	.308	CrB RR	3386	25347	629	6.7	8.7	7.82	.272
And UX	490	47420	623	7.9	9.7	8.83	.306	CrB RS	560	29189	586	7.0	8.6	7.81	.280
And VX	1429	39847	623	7.2	9.8	8.66	.398	CrB TT	1886	41070	619	10.5	12.5	11.48	.287
Aql GY	170	47065	430	9.0	15.6	11.87	1.612	CVn V	5556	24227	630	6.4	9.0	7.61	.434
Aql PX	695	40063	487	9.3	12.1	10.56	.454	CVn Y	7399	24226	625	4.9	6.7	5.81	.273
Aql S	4537	22580	549	8.5	12.8	10.28	.829	Cyg AA	506	28733	604	8.4	10.0	9.17	.249
Aql V	2363	18516	626	6.6	8.8	7.58	.280	Cyg AF	26542	22457	630	5.7	8.6	7.16	.404
Aql V844	237	49110	563	8.1	10.0	9.08	.434	Cyg AI	353	45251	394	8.1	9.5	9.01	.323
Aqr V	760	24021	513	7.1	10.4	8.69	.544	Cyg AV	1698	40142	542	9.6	12.1	10.96	.439
Aqr Z	1622	24353	486	7.3	10.3	8.86	.534	Cyg AW	3394	27756	611	7.5	10.5	8.94	.340
Ari T	6236	18704	618	6.9	11.5	9.37	.800	Cyg BC	467	41547	549	8.8	10.5	9.60	.422
Aur AG	3002	25703	630	8.6	11.7	9.86	.462	Cyg RS	8174	23014	626	6.6	10.1	7.94	.622
Aur RS	2434	28485	626	8.7	12.1	9.95	.500	Cyg RU	7412	24097	626	7.0	10.6	8.55	.415
Aur S	938	23425	630	8.0	13.5	11.61	.858	Cyg RV	2529	24377	611	6.7	9.2	7.71	.423
Aur UU	6624	24912	626	4.8	7.1	5.66	.289	Cyg RW	725	20160	391	7.8	10.2	9.12	.351
Aur Z	2355	17951	635	9.2	12.2	10.45	.524	Cyg RZ	1804	22638	604	9.5	14.3	11.96	.939
Boo RV	926	39294	550	7.6	9.4	8.47	.240	Cyg TT	1655	25209	611	7.1	9.1	8.03	.317
Boo RW	1147	28609	629	6.7	8.8	8.09	.364	Cyg V460	1392	37901	611	5.8	7.2	6.47	.222
Boo RX	3226	25154	630	6.6	8.9	7.82	.312	Cyg W	29556	17405	627	4.9	7.7	6.26	.365
Boo RZ	288	44049	367	10.2	12.9	11.31	.480	Del EU	1816	39714	516	5.6	6.9	6.24	.175
Boo U	1096	22580	630	9.8	13.3	11.20	.623	Del U	9578	21129	604	6.0	8.4	6.88	.301
Boo V	16633	18069	629	6.7	11.2	8.72	.588	Dra RS	602	19912	626	9.1	12.8	10.73	.860
Boo WY	241	45138	394	10.0	12.5	11.00	.348	Dra RY	6020	17630	626	5.7	8.4	7.17	.337
Cae T	102	44980	004	7.7	8.3	7.86	.106	Dra S	6376	18424	626	7.0	10.4	8.98	.407
Cam RR	537	38021	604	9.7	11.4	10.29	.301	Dra TX	5521	19090	480	6.2	8.7	7.72	.285
Cam RS	1211	25730	619	7.5	10.5	8.71	.446	Dra UX	1156	19635	626	5.9	7.5	6.76	.211
Cam RY	919	29372	602	7.5	9.7	8.47	.316	Dra WZ	307	41202	626	8.6	14.7	11.36	1.470
Cam S	4929	22816	626	7.8	11.4	9.20	.704	Eri SY	217	45323	600	8.3	9.8	8.85	.298
Cam ST	4277	20171	619	6.5	8.3	7.35	.256	Eri Z	983	22010	567	6.2	7.8	7.03	.285
Cam U	4599	17951	623	7.2	9.4	8.17	.320	Gem IS	582	40237	544	5.5	6.4	5.84	.144
Cap RT	799	18181	494	6.5	8.8	7.75	.375	Gem NQ	231	46793	542	7.1	8.8	7.95	.351
Cas PZ	266	44604	626	8.6	10.0	9.17	.251	Gem RS	1066	17628	625	9.2	11.9	10.73	.373
Cas SV	1373	25918	580	6.1	11.5	8.60	.760	Gem SW	2089	29259	625	8.2	10.0	8.91	.249
Cas UX	257	46992	611	9.7	11.0	10.35	.292	Gem TU	191	43535	626	6.9	8.7	7.82	.334
Cas V393	362	43453	626	7.0	8.1	7.59	.152	Gem TV	1750	24920	630	5.9	7.9	6.81	.336
Cas V465	1838	43328	626	6.1	7.9	6.77	.237	Gem Y	510	28993	625	8.5	10.5	9.41	.327
Cas WZ	1854	38225	630	6.4	8.5	7.32	.333	Her DE	747	27574	604	9.1	12.9	11.01	.732
Cen T	2189	23951	629	5.4	9.4	6.97	.715	Her MZ	139	27687	180	9.7	10.8	10.33	.202
Cen Y	129	29372	510	6.7	9.0	8.00	.382	Her RR	860	18424	625	7.6	10.6	8.83	.571
Cep AR	749	36783	619	6.9	8.2	7.54	.229	Her ST	1992	18069	580	6.5	9.0	7.79	.340
Cep RU	4048	17488	619	8.0	9.8	8.72	.274	Her SX	3169	24714	635	7.1	9.7	8.32	.369
Cep RW	693	28485	603	6.4	8.0	7.15	.244	Her UU	2633	28574	602	8.1	9.6	8.83	.192

Table 1 (continued).

Star	n	t_1	t_n	m_{max}	m_{min}	$\langle m \rangle$	σ_m	Star	n	t_1	t_n	m_{max}	m_{min}	$\langle m \rangle$	σ_m
Her X	12425	17410	629	5.5	7.8	6.76	.316	Per RU	464	28497	627	9.7	12.1	10.86	.411
Hya FF	236	44720	604	7.9	10.5	8.90	.435	Per S	7578	17535	623	8.1	13.3	9.97	.923
Hya RT	635	17951	599	6.9	9.8	8.20	.515	Per SU	1106	28758	623	7.0	9.0	8.14	.313
Hya U	3786	18003	604	4.5	6.4	5.39	.261	Per SY	386	47864	627	8.9	12.5	10.85	.807
Hya V	1180	17951	609	6.3	13.2	8.70	1.226	Per T	1961	24910	623	8.1	9.8	8.89	.231
Hya W	1070	26004	391	5.5	10.8	7.89	1.139	Per UZ	84	47864	602	8.1	9.2	8.67	.260
Hya Y	774	17951	225	6.5	8.5	7.25	.289	Per W	4160	17951	619	8.5	11.7	9.93	.575
LMi U	1108	29014	626	10.2	13.0	11.79	.476	Per XX	1364	24730	619	7.3	9.4	8.30	.299
LMi W	167	44276	629	9.9	13.0	11.42	.753	Pic R	215	44873	775	6.6	9.7	7.94	.762
Lac RS	154	41244	469	9.4	12.8	10.78	.761	Psc RT	277	47060	602	8.0	9.3	8.55	.252
Leo RY	1995	28598	627	8.6	12.0	10.28	.620	Psc RW	133	23668	889	9.1	9.9	9.46	.189
Leo SX	126	44686	627	9.0	10.9	9.88	.325	Psc Z	317	45186	587	6.7	8.3	7.40	.272
Lep RX	4895	39796	631	5.0	7.2	6.09	.284	Sco BM	186	45854	865	6.0	7.2	6.57	.368
Lep S	1077	17969	609	5.9	7.9	6.90	.328	Sct S	1327	18184	473	6.7	8.3	7.51	.293
Lyn Y	1597	29250	619	6.2	8.9	7.43	.478	Ser FG	415	46952	410	9.8	12.8	11.46	.608
Lyr EG	252	44835	493	11.3	13.5	12.12	.375	Sge X	444	44871	630	8.0	9.5	8.46	.235
Lyr R	12375	17405	630	3.5	5.8	4.42	.250	Tau AB	336	45648	460	8.1	10.7	9.56	.501
Lyr SZ	305	41125	481	10.2	12.6	11.72	.426	Tau TT	138	46909	602	7.7	9.2	8.52	.321
Mon RV	571	25963	625	6.8	9.2	7.63	.364	Tau W	2561	25207	623	9.0	11.8	10.50	.403
Mon SW	896	39171	603	8.7	11.0	10.22	.433	Tau Y	4050	17951	626	6.1	8.8	7.49	.483
Mon X	5583	20175	630	6.6	10.1	8.26	.643	Tri W	2373	19413	626	6.8	9.1	8.14	.300
Oph V759	172	42609	610	9.3	13.6	11.81	.799	UMa RX	4391	17689	625	9.4	12.8	10.71	.566
Ori BQ	2355	24845	623	6.8	9.0	7.90	.333	UMa RY	8335	25181	629	6.6	8.4	7.35	.281
Ori FX	1183	33595	626	8.3	10.9	9.53	.408	UMa RZ	1495	25580	626	8.6	10.7	9.55	.390
Ori GT	878	43541	631	10.6	12.7	11.38	.386	UMa ST	6911	24151	625	5.7	8.1	6.89	.271
Ori RT	349	19014	516	7.3	8.9	8.08	.340	UMa SV	336	19029	575	8.7	10.9	9.57	.296
Ori W	9418	17498	631	5.6	7.7	6.53	.339	UMa V	1201	18057	600	8.9	11.8	10.35	.338
Peg AF	328	40522	549	8.3	10.7	9.33	.515	UMa Y	4814	18040	626	7.6	9.9	8.68	.325
Peg AK	151	38310	515	8.0	10.5	9.31	.558	UMa Z	23832	19803	635	6.1	9.8	7.81	.565
Peg SV	270	44514	435	8.0	10.0	9.09	.464	UMi R	5297	22781	619	8.3	11.3	9.66	.483
Peg TX	587	42981	567	7.5	10.0	8.72	.450	UMi V	7751	20246	627	7.3	9.0	8.13	.231
Per AD	2458	31418	623	7.2	9.2	8.27	.331	Vir RT	214	18067	584	7.4	9.3	8.59	.329
Per BU	1145	32215	619	8.4	10.4	9.39	.356	Vir SS	3721	25348	618	6.1	10.5	8.28	.710
Per DY	1829	48823	633	10.4	15.2	11.83	.938	Vir SW	877	26004	602	6.4	8.9	7.53	.425
Per FZ	561	40880	585	7.2	8.9	8.21	.315	Vul RU	1879	28656	604	8.4	11.5	9.51	.406
Per RS	794	18324	619	7.3	9.8	8.53	.464								

Table 2. Results of the periodogram analysis using one-harmonic least squares fit: *first line*: the star designation, the maximum values of the test function S(f) (Andronov, 1994) for the periodograms for the initial and subsequently prewhitened data; *next rows 2-4*: the period P and its accuracy estimate σ_P in days (90000 means that the "best" period is ïnfinite"; the minus sign of σ_P means that the "best" period exceeds the duration of the data, but formally is finite; in both cases these apparent periods correspond to characteristic time scales of slow variations); the mean amplitude r in millimagnitudes and the amplitude ßignal-to-noise" ratio r/σ_r; the absolute values of the logarithms of "false alarm probability" L_2 and L_4. One may note that usually $L_4 << L_2$ because of "non white noise" character of the physical variability. The value 90000 indicates ïnfinite" formal periods (i.e. apparent parabolic shape); the negative sign of σ_P indicates that the formal period is finite, but exceeds the duration of observations (thus is not sure).

P	σ_P	r	r/σ_r	L_2	L_4	P	σ_P	r	r/σ_r	L_2	L_4	P	σ_P	r	r/σ_r	L_2	L_4
And AQ		.113	.123		.110	And EH		.669	.228		.186	And EK		.100	.053		.044
11623	318	196	12	20	3.1	90000	90000	0	0	11	11.7	336	1	69	5	1	2.0
170.44	0.07	142	16	22	3.9	210.17	0.34	242	6	1	0.8	425	3	50	4	0	0.3
339.10	0.29	130	15	19	4.4	652	4	189	5	0	0.7	203.55	0.76	42	4	0	0.2

Table 2. (continued)

P	σ_P	r	r/σ_r	L_2	L_4	P	σ_P	r	r/σ_r	L_2	L_4	P	σ_P	r	r/σ_r	L_2	L_4
And RS		.137	.067		.051	Aql V844		.473	.291		.243	Boo U		.473	.210		.111
90000	90000	0	0	19	9.3	262		1	433	15	15 4.4	201.51	0.04	607	31	73	30.5
218.05	0.10	132	10	7	2.8	230		2	243	10	7 2.0	207.06	0.07	295	17	25	9.7
2809		20	114	9	5 1.7	425		7	193	9	5 1.6	6636		112	175	11	11 3.8
And RU		.157	.126		.139	Aqr V		.260	.094		.073	Boo V		.474	.155		.083
249.24	0.19	300	14	17	6.7	237.64	0.08	394	16	22	10.0	257.51	0.01	573	122	116	22.3
225.84	0.18	246	12	13	5.2	623.59	0.89	213	9	5	1.7	255.83	0.02	237	55	307	27.7
124.58	0.05	249	13	15	6.3	264.49	0.21	167	8	4	0.9	261.73	0.04	160	39	159	13.4
And RV		.171	.143		.069	Aqr Z		.336	.195		.170	Boo WY		.204	.197		.096
169.81	0.05	262	13	15	8.5	135.94	0.01	439	29	69	30.1	951		15	201	7	4 1.2
163.79	0.05	223	12	12	6.8	137.81	0.02	274	20	36	19.7	167.90	0.44	195	8	4	1.2
34659	-7897	152	7	4	2.2	135.03	0.02	226	18	30	17.7	90000	90000	0	0	1	0.3
And ST		.709	.263		.193	Ari T		.652	.212		.084	Cae T		.280	.224		.209
338.22	0.06	986	41	97	54.8	320.57	0.02	918	108	718	118.2	287		2	80	6	2 2.3
5805		42	310	16	21 9.1	326.20	0.06	306	41	164	27.0	372		4	69	5	1 1.4
317.36	0.17	233	13	14	6.2	315.31	0.09	172	24	57	9.0	3325		211	61	5	1 1.8
And TV		.180	.076		.054	Aur AG		.156	.134		.063	Cam RR		.172	.123		.070
111.49	0.02	292	23	48	13.0	97.26	0.01	257	24	52	10.7	210.79	0.16	180	11	9	4.2
115.42	0.03	172	14	17	3.2	96.19	0.01	219	22	44	9.7	4131		89	145	9	5 3.0
122.74	0.04	141	12	11	1.6	91.95	0.01	140	14	19	2.8	812		4	97	6	2 0.6
And TY		.201	.098		.068	Aur RS		.209	.213		.131	Cam RS		.184	.102		.069
258.66	0.13	219	15	19	9.2	8306		90	344	25	59 15.3	89.86	0.01	273	17	24	11.7
138.91	0.06	135	10	7	3.4	168.02	0.03	290	26	61	18.0	971		1	185	12	11 5.2
3038		37	110	8	4 1.7	172.59	0.05	201	19	35	10.4	160.05	0.05	140	9	7	2.8
And TZ		.220	.114		.059	Aur S		.395	.368		.132	Cam RY		.293	.091		.016
17333	817	315	8	6	4.4	90000	90000	0	0	48	24.0	135.04	0.03	244	20	32	18.8
201.72	0.16	141	7	2	2.0	594.53	0.54	588	24	44	24.8	23575	-946	218	10	7	3.7
1226		11	90	5	0 0.3	1563		8	267	12	12 6.7	129.82	0.19	13	1	0	0.0
And UX		.352	.171		.124	Aur UU		.125	.070		.059	Cam S		.681	.098		.101
217.67	0.42	258	16	21	7.5	441.24	0.21	145	31	99	13.6	327.25	0.02	821	102	613	190.2
376		2	152	10	8 3.2	9797		127	107	22	50 7.5	344.24	0.08	175	23	53	14.4
1706		46	118	8	5 2.2	817		1	90	20	41 6.5	163.61	0.02	169	24	54	15.9
And VX		.251	.122		.102	Aur Z		.263	.059		.049	Cam ST		.114	.088		.075
369.29	0.50	315	22	42	9.7	113.35	0.01	380	29	75	20.3	372.01	0.10	124	23	53	13.6
344.84	0.80	161	13	18	4.1	112.31	0.02	157	12	13	2.6	1579		2	100	20	40 11.0
896		5	147	13	14 3.8	134.80	0.03	137	11	10	1.9	199.81	0.04	88	19	33	9.6
Aql GY		.790	.247		.133	Boo RV		.119	.112		.060	Cam U		.153	.070		.053
467		1	2234	24	26 11.7	14421	-1397	214	8	10	3.5	2890		4	179	29	86 20.3
229		1	506	7	3 1.1	234.93	0.42	104	11	10	3.0	90000	90000	0	0	34	9.2
455		4	435	5	1 0.2	1615		26	75	8	4 1.6	220.65	0.05	92	16	24	7.4
Aql PX		.190	.113		.098	Boo RW		.553	.281		.064	Cap RT		.285	.122		.122
12237	-714	290	13	14	6.1	90000	90000	0	0	103	47.8	405.74	0.16	283	18	26	17.0
143.56	0.36	186	9	7	3.3	405.52	0.24	181	21	38	18.4	203.85	0.07	154	11	8	5.7
79.11	0.04	170	9	5	2.4	477.10	0.73	75	9	6	2.7	381.08	0.24	151	11	8	6.3
Aql S		.559	.060		.065	Boo RX		.165	.106		.093	Cas PZ		.229	.213		.206
146.69	0.01	885	76	406	79.0	2893		6	185	25	61 10.5	600		4	173	9	5 4.5
139.29	0.02	191	17	28	2.6	2095		5	128	20	37 7.4	2128		65	146	8	5 4.2
3242		12	197	18	30 3.4	7986		69	127	18	31 6.1	392		2	122	8	4 3.9
Aql V		.130	.069		.062	Boo RZ		.498	.124		.107	Cas SV		.258	.116		.115
46151	-8411	216	4	33	15.1	212.81	0.30	477	17	19	9.5	460.95	0.21	552	22	42	15.4
215.16	0.06	96	13	15	7.1	225		1	170	6	2 1.0	436.69	0.30	319	13	16	5.4
10991	164	92	12	14	6.2	180.39	0.67	145	6	1	0.7	243.27	0.09	302	14	16	5.9

Table 2. (continued)

P	σ_P	r	r/σ_r	L_2	L_4	P	σ_P	r	r/σ_r	L_2	L_4	P	σ_P	r	r/σ_r	L_2	L_4
Cas UX	.279	.273	.219			Cet T	.077	.097	.097			Cyg AV	.503	.041	.033		
1458	23	233	10	7	5.0	161.14	0.03	160	19	34	5.2	87.87	0.01	439	41	131	51.8
4024	198	199	9	7	5.1	163.67	0.02	173	21	44	7.3	90.52	0.06	88	9	5	2.7
183.63	0.52	136	8	5	4.1	300.79	0.08	167	21	44	7.7	85.42	0.06	78	8	4	1.9
Cas V393	.194	.171	.063			Cnc RS	.120	.071	.052			Cyg AW	.062	.066	.047		
2344	42	88	9	6	3.4	24169	307	181	32	114	11.1	3605	22	127	15	21	7.2
1042	6	92	9	5	3.5	235.92	0.04	123	25	62	5.6	25001	-921	153	15	22	9.6
207.38	0.47	46	5	0	0.5	6810	40	107	21	44	3.7	348.69	0.27	99	13	15	6.0
Cas V465	.262	.113	.088			Cnc RT	.409	.064	.053			Cyg BC	.513	.114	.122		
906	2	176	26	58	19.3	90000	90000	0	0	66	25.4	694	1	413	21	34	27.6
2124	19	101	15	22	6.8	765.70	0.95	112	9	6	1.5	10060	-725	148	8	4	3.1
466	1	80	13	16	6.1	15625	438	145	8	4	1.2	4277	112	141	8	4	3.6
Cas WZ	.200	.083	.074			Cnc T	.274	.337	.062			Cyg RS	.446	.121	.127		
372.30	0.32	208	21	42	13.7	486.63	0.22	372	22	42	14.8	418.69	0.03	598	81	527	76.8
1692	10	121	13	15	4.3	17957	187	478	25	54	26.4	211.23	0.02	227	34	118	18.2
186.30	0.13	109	12	13	4.6	633	1	121	9	6	2.5	426.66	0.08	224	35	123	22.9
Cen T	.517	.136	.053			Cnc X	.052	.047	.027			Cyg RU	.311	.123	.096		
90	0	740	49	175	70.9	24909	595	125	21	44	7.3	233.99	0.02	327	58	302	54.8
89.32	0.01	263	19	32	13.1	193.05	0.04	86	20	40	6.7	235.26	0.03	171	32	109	16.3
91.61	0.02	149	11	10	3.3	346.20	0.19	64	15	21	3.3	439.72	0.12	141	28	79	12.4
Cen Y	.697	.361	.177			CrB RR	.101	.058	.043			Cyg RV	.425	.152	.095		
90000	90000	0	0	14	12.1	4265	17	128	19	36	4.6	17248	144	412	41	154	56.3
139.04	0.05	176	8	4	3.8	1335	2	85	14	19	2.1	4263	14	189	22	43	17.4
245.46	0.21	109	5	0	0.5	546.11	0.40	76	12	14	1.3	3576	15	126	16	25	9.7
Cep AR	.225	.097	.024			CrB RS	.304	.267	.079			Cyg RW	.207	.198	.147		
8778	404	162	13	18	15.9	5189	74	213	15	19	13.1	4337	41	224	13	15	11.8
371.27	0.89	90	9	6	7.0	330.69	0.17	179	14	16	12.8	630.39	0.81	194	13	15	12.4
2388	97	34	4	0	0.4	376.16	0.56	82	7	2	1.8	782	1	151	11	10	8.5
Cep RU	.069	.065	.054			CrB TT	.081	.039	.036			Cyg RZ	.387	.331	.212		
5306	26	106	17	29	10.7	1454	16	115	13	15	2.6	275.96	0.03	839	34	99	47.1
8654	72	95	17	27	10.7	318	1	77	9	6	0.5	537.44	0.15	580	30	76	40.5
519.90	0.30	83	15	21	8.5	1016	13	72	8	5	0.6	267.96	0.05	392	22	44	21.6
Cep RW	.130	.068	.059			CVn V	.413	.134	.092			Cyg TT	.108	.132	.054		
4254	61	104	8	8	6.0	192.17	0.01	398	62	324	52.3	23431	966	152	14	18	8.0
2662	32	83	7	3	2.2	186.29	0.03	172	29	89	13.8	10537	161	162	16	23	11.5
644	2	75	7	2	1.6	21881	280	191	22	55	9.1	1438	5	91	10	7	2.8
Cep RX	.235	.064	.062			CVn Y	.158	.049	.043			Cyg V460	.078	.061	.044		
90000	90000	0	0	27	16.9	5142	14	155	37	140	22.9	90000	90000	0	0	10	3.7
531.91	0.67	83	8	5	3.1	264.75	0.07	78	20	37	5.5	160.41	0.19	75	10	7	3.0
319.28	0.27	75	8	4	3.3	2212	5	71	18	32	5.0	301.39	0.74	61	8	4	1.8
Cep SS	.045	.028	.025			Cyg AA	.286	.148	.134			Cyg W	.078	.056	.052		
961	2	83	14	19	6.4	208.48	0.13	187	14	16	9.1	130.45	0.01	145	50	265	11.8
857	1	64	11	10	3.2	27175	-1755	226	7	6	3.0	7741	28	121	42	189	8.2
1735	6	60	10	9	2.8	215.07	0.19	102	9	5	3.6	132.17	0.01	110	40	176	8.6
Cep TY	.280	.302	.154			Cyg AF	.062	.062	.042			Del EU	.050	.050	.026		
349.98	0.11	376	14	15	8.8	14143	109	143	42	188	8.1	62.32	0.02	56	10	8	2.9
34825	-5224	306	3	17	11.4	93	0	137	42	186	8.9	362.76	0.61	55	10	8	3.3
333.57	0.14	207	10	6	4.5	93.93	0.01	110	34	126	5.5	1492	17	37	7	3	0.6
Cep W	.373	.073	.092			Cyg AI	.192	.183	.177			Del U	.338	.066	.060		
12936	50	595	38	117	34.5	146.99	0.33	205	9	6	1.7	1144.33	0.43	247	70	432	28.3
3394	13	138	13	16	4.5	155.77	0.38	176	9	6	1.7	2717	6	92	26	68	4.4
1746	3	146	15	21	6.6	142.62	0.37	150	9	5	2.3	1301	2	82	25	61	5.0

Table 2. (continued)

P	σ_P	r	r/σ_r	L_2	L_4	P	σ_P	r	r/σ_r	L_2	L_4	P	σ_P	r	r/σ_r	L_2	L_4
Dra RS		.685	.248	.166		Gem TV		.511	.099	.098		Hya W		.463	.242	.150	
284.59	0.08	1026	36	72	44.3	2637		5	229	30	139 36.1	382.74	0.10	1140	30	69	39.0
297.63	0.21	340	14	16	8.4	932		1	63	8	17 4.3	404.95	0.22	576	19	30	17.4
270.20	0.25	240	11	9	4.1	33837	-2997	136	13	17	4.9	391.65	0.28	404	14	16	9.2
Dra RY		.150	.142	.073		Gem Y		.199	.135	.090		Hya Y		.123	.089	.075	
36381	-751	249	32	109	17.1	246.02	0.22	209	11	10	4.8	13036	331	140	10	8	5.3
1146.03	0.82	172	32	103	16.7	11353	631	169	8	5	3.0	276.75	0.16	116	9	5	3.8
1611	3	107	22	46	7.9	271.45	0.41	116	7	3	1.1	1867	8	101	8	4	3.4
Dra S		.168	.068	.058		Her DE		.463	.278	.171		Lac RS		.786	.153	.128	
17091	198	217	30	130	22.0	170.34	0.02	709	25	48	17.5	238.25	0.17	957	23	23	35.3
171.44	0.02	138	22	46	8.4	18708	344	561	10	24	10.0	219.59	0.48	203	5	1	0.9
310.96	0.08	123	20	39	7.7	181.92	0.04	277	13	13	4.9	85.21	0.09	166	5	0	0.6
Dra TX		.120	.046	.048		Her MZ		.553	.406	.273		Leo RY		.345	.116	.088	
90000	90000	0	0	74	16.3	216.75	0.22	224	13	9	0.6	159.77	0.02	516	32	94	23.0
75.90	0.01	81	16	25	6.3	118.45	0.11	123	9	5	0.5	146.02	0.04	238	16	24	6.4
708.22	0.70	79	17	26	7.3	256.61	0.66	80	7	2	0.1	144.28	0.04	198	14	17	4.1
Dra UX		.127	.062	.054		Her RR		.373	.170	.137		Leo SX		.215	.197	.115	
176.66	0.04	108	13	14	6.5	241.76	0.06	496	23	41	24.8	728	3	389	6	1	1.7
1784	6	68	9	5	2.5	32942	2619	294	9	15	7.0	123.82	0.27	177	5	1	1.8
380.65	0.29	64	8	4	2.5	251.38	0.12	213	12	11	5.9	305	2	136	4	0	0.5
Dra WZ		.789	.238	.219		Her ST		.214	.067	.070		Lep RX		.082	.066	.051	
406.42	0.21	2080	34	49	37.9	16592	163	313	20	49	17.4	782	1	117	21	43	4.8
194.01	0.21	472	10	7	3.2	152.74	0.03	112	12	12	3.5	90000	90000	0	0	34	4.0
136.11	0.11	386	9	6	4.2	3827	21	108	12	13	4.0	1057	3	84	16	26	3.4
Eri SY		.492	.322	.178		Her SX		.213	.051	.038		Lep S		.282	.129	.100	
3259	69	311	12	14	9.5	103.46	0.01	242	29	80	26.6	860.15	0.65	247	21	36	18.2
2200	50	197	10	7	4.9	359.08	0.22	106	13	15	5.2	26008	805	156	12	13	5.8
348	2	101	7	2	2.6	104.42	0.02	89	11	11	3.7	3445	17	127	11	10	3.9
Eri Z		.216	.125	.088		Her UU		.037	.035	.022		LMi U		.275	.218	.184	
707.53	0.40	211	16	23	8.3	72.82	0.02	52	10	8	2.2	272.87	0.15	350	21	36	17.6
15214	421	128	11	12	4.2	54.23	0.01	50	10	7	2.1	267.90	0.17	269	18	27	12.4
695.27	0.64	112	10	7	2.7	344.85	0.45	39	8	4	0.7	143.90	0.05	216	16	22	10.8
Gem IS		.124	.151	.103		Her X		.057	.032	.027		LMi W		.732	.125	.136	
312.44	0.53	76	9	6	1.2	790.63	0.46	107	27	77	7.4	117.17	0.06	897	21	21	25.3
1318	11	54	7	8	2.6	101.33	0.01	78	20	41	3.3	225.48	0.86	199	5	0	0.4
1798	16	69	9	5	1.8	1296	2	71	19	34	2.6	145.41	0.35	194	5	1	0.7
Gem NQ		.430	.241	.136		Hya FF		.338	.167	.141		Lyn Y		.324	.139	.118	
544	2	355	13	12	5.1	330.41	0.84	364	11	8	2.8	1276	2	383	28	65	20.0
1927	30	265	9	5	3.1	379	2	226	7	3	0.8	90000	90000	0	0	23	7.5
397	2	137	6	2	1.8	2494	73	186	6	2	0.5	986	2	176	15	19	6.7
Gem RS		.267	.107	.085		Hya RT		.316	.100	.104		Lyr EG		.189	.123	.092	
270.76	0.13	267	19	33	14.4	255.53	0.06	416	17	23	14.1	249.86	0.75	230	8	4	0.9
147.34	0.06	149	11	10	3.5	2923	15	211	9	4	2.2	204.89	0.59	169	6	1	0.2
258.18	0.23	124	10	7	2.1	258.46	0.13	187	9	5	2.9	303	2	130	5	1	0.0
Gem SW		.103	.102	.035		Hya U		.188	.033	.031		Lyr R		.051	.028	.011	
698	1	122	15	22	6.5	15366	153	162	29	88	27.2	12116	97	83	26	68	18.6
6669	156	103	15	22	7.8	4744	33	60	11	11	2.8	365.48	0.10	65	18	35	10.7
1843	21	60	9	6	1.7	24706	1024	83	11	10	3.2	5590	37	39	12	12	3.0
Gem TU		.374	.236	.155		Hya V		.416	.258	.295		Lyr SZ		.166	.088	.065	
2700	39	333	11	7	2.4	6455	23	1152	29	66	49.6	138.24	0.14	243	8	4	3.1
709	4	179	7	3	1.4	531.93	0.24	667	20	35	19.7	140.44	0.22	159	5	1	0.6
285.00	0.79	130	6	1	2.0	3193	8	604	22	42	29.0	132.42	0.22	132	5	0	0.2

Table 2. (continued)

P	σ_P	r	r/σ_r	L_2	L_4	P	σ_P	r	r/σ_r	L_2	L_4	P	σ_P	r	r/σ_r	L_2	L_4
Mon RV	.275	.133	.104	Per AD	.182	.103	.068	Pic R	.523	.394	.210						
7448	47	333	12	17	11.8	10329	148	199	23	51	20.5	167.75	0.23	781	15	15	13.5
220.26	0.08	157	9	6	4.0	29452	-2862	147	13	26	12.0	157.55	0.27	453	12	10	7.1
2623	12	137	8	4	2.5	5849	72	109	13	16	6.7	5364	-551	299	7	3	2.1
Mon SW	.102	.096	.066	Per BU	.211	.101	.097	Psc RT	.331	.123	.101						
9829	456	203	10	8	2.4	3908	37	246	18	27	14.9	641	6	205	11	10	4.3
103.38	0.05	177	10	7	2.4	15968	1007	172	9	11	4.3	283	2	104	6	2	1.2
304.76	0.57	141	8	4	1.0	2351	18	138	11	10	4.2	518	8	90	6	1	1.1
Mon X	.437	.057	.060	Per DY	.629	.182	.162	Psc RW	.342	.253	.227						
155.67	0.01	596	66	351	49.7	857	3	1126	56	198	20.0	1384	-145	174	8	5	0.9
90000	90000	0	0	33	2.5	367	1	389	20	38	3.8	162	2	112	7	3	0.7
146.80	0.02	162	19	35	3.1	618	4	299	19	33	3.2	51.76	0.18	89	6	2	0.9
Oph V759	.662	.239	.157	Per FZ	.465	.079	.049	Psc Z	.179	.109	.057						
276.92	0.29	948	18	18	20.6	9200	518	284	21	36	24.9	155.92	0.29	156	8	5	5.4
138.54	0.20	317	7	3	3.3	3719	138	101	7	3	3.9	6143	404	149	6	2	2.9
1208	19	234	6	1	1.5	506	3	70	5	1	1.6	252	1	81	4	0	0.8
Ori BQ	.089	.108	.088	Per RS	.246	.204	.165	Sco BM	.304	.328	.196						
247.15	0.06	142	15	21	4.4	2779	17	310	16	22	13.9	5502	-796	289	8	5	4.1
237.29	0.05	146	17	27	6.6	3860	28	262	14	17	11.8	1617	36	258	9	6	4.7
127.35	0.02	125	15	21	5.3	8848	145	219	13	13	8.9	754	15	143	6	2	2.0
Ori FX	.390	.161	.064	Per RU	.248	.115	.091	Sct S	.117	.103	.073						
686.26	0.72	329	26	61	20.3	2668	16	157	6	12	4.7	9158	128	159	14	15	4.7
3779	30	187	15	20	7.5	491.91	0.84	165	8	3	0.7	19426	803	138	12	13	4.6
330.01	0.38	110	9	6	2.0	319.60	0.45	135	6	2	0.4	151.51	0.06	99	10	8	2.4
Ori GT	.108	.093	.078	Per S	.283	.367	.125	Ser FG	.265	.259	.201						
2483	60	181	10	9	1.5	90000	90000	0	0	277	39.5	2894	106	455	12	12	3.4
895	7	158	9	7	1.3	809.06	0.16	680	66	380	62.0	1598	45	356	12	12	2.4
187.56	0.35	140	9	6	1.0	742.94	0.26	316	33	113	17.7	206.05	0.75	282	10	8	2.3
Ori RT	.262	.206	.132	Per SU	.174	.148	.108	Sge X	.303	.112	.090						
11704	392	308	11	9	4.3	3413	22	180	15	20	6.0	4636	173	177	14	15	6.4
245.13	0.13	189	9	6	2.4	9743	175	170	14	17	5.1	183.06	0.40	95	8	4	1.5
232.87	0.17	135	7	3	1.5	1688	7	121	11	11	3.9	356	2	86	6	2	1.1
Ori W	.112	.060	.055	Per SY	.746	.225	.158	Tau AB	.335	.233	.175						
2359	3	158	34	125	18.4	478.73	0.94	1025	34	55	36.9	142.74	0.16	421	13	13	6.9
208.28	0.04	111	25	60	9.8	244.58	0.82	281	11	9	5.8	6035	-666	324	8	8	3.5
8170	60	94	21	55	11.1	3977	-297	198	8	5	3.3	2170	56	218	8	5	2.2
Peg AF	.734	.124	.103	Per T	.099	.058	.053	Tau TT	.613	.264	.146						
90000	90000	0	0	44	33.1	2386	11	103	15	19	8.4	6124	-579	281	11	12	6.4
1025	8	129	7	2	2.3	361.26	0.35	80	11	10	3.9	238.48	0.83	143	7	3	3.0
1299	12	120	6	2	1.7	3335	31	73	10	9	3.8	85.43	0.14	93	5	0	0.6
Peg AK	.429	.444	.105	Per UZ	.707	.151	.132	Tau W	.188	.113	.097						
192.40	0.17	538	11	7	5.5	872	8	307	13	9	20.7	247.67	0.09	248	24	55	9.5
18407	-3526	588	4	7	7.9	489	9	80	4	0	1.1	127.50	0.03	172	18	31	4.2
63.35	0.05	144	4	0	0.1	169.41	0.96	71	4	0	0.9	240.28	0.14	148	16	26	4.2
Peg SV	.328	.301	.140	Per W	.147	.129	.120	Tau Y	.132	.110	.103						
328.47	0.91	378	11	9	8.6	474.01	0.13	308	27	69	17.2	6426	35	233	25	59	10.8
362	1	334	11	8	9.1	531.02	0.17	271	25	60	17.4	23418	229	283	23	48	11.2
169.32	0.44	170	7	2	2.6	2983	6	244	24	55	15.7	241.54	0.04	191	21	45	11.1
Peg TX	.353	.150	.132	Per XX	.157	.156	.097	Tri W	.079	.052	.051						
241.66	0.27	366	18	25	8.5	3598	11	192	16	23	6.2	753	1	119	14	18	4.3
251.89	0.51	198	10	8	2.6	512.88	0.25	153	16	22	6.1	32888	-705	239	11	11	2.5
126.55	0.14	171	9	7	2.3	24923	506	136	11	12	4.9	605.53	0.80	88	11	11	2.9

Table 2. (continued)

P	σ_P	r	r/σ_r	L_2	L_4	P	σ_P	r	r/σ_r	L_2	L_4	P	σ_P	r	r/σ_r	L_2	L_4
UMa RX		.243	.110		.096	UMa V		.085	.060		.052	Vir RT		.456	.164		.185
199.94	0.01	393	37	136	39.2	197.68	0.09	139	11	9	5.8	16342	243	341	13	11	15.2
194.03	0.02	233	23	53	15.1	191.38	0.09	113	9	5	3.2	163.65	0.06	143	6	1	2.0
187.41	0.02	206	22	45	13.2	208.33	0.13	100	8	4	2.5	2967	15	153	7	2	3.2
UMa RY		.268	.129		.144	UMa Y		.104	.071		.069	Vir SS		.586	.087		.075
3926	12	197	54	285	27.3	324.24	0.10	150	24	54	12.9	361.03	0.05	784	69	359	80.7
303.74	0.08	122	35	128	12.8	314.69	0.12	116	19	36	9.1	348.66	0.16	196	19	34	6.6
285.29	0.07	122	38	144	17.1	10884	133	113	19	34	10.2	12537	343	175	17	29	6.9
UMa RZ		.172	.069		.066	UMa Z		.173	.066		.051	Vir SW		.284	.176		.153
5890	38	223	17	28	11.7	193.46	0.01	334	71	495	25.3	155.56	0.02	318	19	29	9.3
1460	4	135	11	9	2.9	195.72	0.02	187	41	180	7.4	297.24	0.10	217	14	16	6.1
267.56	0.13	125	10	8	3.0	207.04	0.03	159	36	139	4.7	153.93	0.03	181	13	13	6.1
UMa ST		.082	.059		.050	UMi R		.478	.069		.040	Vul RU		.110	.050		.039
21248	397	144	23	62	11.1	324.40	0.02	467	69	377	104.6	90000	90000	0	0	21	9.9
616.35	0.34	89	21	43	7.2	333.24	0.09	128	20	38	10.7	8475	201	132	10	8	3.3
5310	27	80	19	36	6.4	167.75	0.03	95	15	21	5.7	118.09	0.05	105	9	6	2.0
UMa SV		.154	.137		.102	UMi V		.065	.064		.046						
25492	2167	299	3	3	1.5	763.85	0.44	83	23	54	8.6						
80.40	0.02	145	7	3	1.0	73		0	81	23	53	9.2					
264.69	0.19	116	6	1	0.3	73		0	66	19	37	6.8					

Table 3. Characteristics of the variations obtained using the wavelet analysis: the period (cycle length) P corresponding to local maxima of the averaged wavelet map S(P); corresponding to this P values of the test functions S, ßignal to noise" ratio WWZ, amplitude WWA and effective number of observations. The peaks with WWZ < 10 are not listed as gugeested to be not statistically significant, except the case, if the highest peak at the wavelet periodogram does not exceed this critical value. The periodogram analysis was carried out in a range $31.6 \approx 10^{1.5} \le P \le 10000$, thus these values, if listed, correspond to the peaks outside the interval mentioned.

P	S(P)	WWZ	WWA	N_e	P	S(P)	WWZ	WWA	N_e	P	S(P)	WWZ	WWA	N_e
	And AQ					And RU					And TZ			
170	.262	17.0	213	99	238	.468	35.3	512	83	4588	.153	12.9	191	146
330	.213	20.8	213	157	727	.115	11.3	321	178	10000	.178	29.4	232	274
585	.073	10.2	113	263	7429	.024	12.4	121	994		And UX			
2980	.061	20.1	129	625		And RV				216	.420	29.8	272	85
7687	.077	57.0	130	1368	166	.546	16.6	458	31	393	.202	18.3	201	147
10000	.076	64.5	146	1574		And ST				1637	.100	23.1	146	417
	And EH				174	.346	10.4	569	42	3673	.041	10.2	89	485
2837	.305	15.4	511	73	334	.831	121.9	1033	53		And VX			
4254	.416	32.0	546	93	3775	.218	30.0	540	218	181	.220	17.2	244	125
5709	.308	22.5	551	104	5214	.298	60.1	718	286	362	.310	53.4	345	241
8079	.251	18.1	863	111		And TV				897	.101	18.7	442	334
10000	.197	13.4	391	113	114	.462	32.0	453	77	1337	.071	18.0	181	473
	And EK				160	.183	11.5	291	106	1829	.043	13.8	139	613
5224	.043	6.0	56	266	5193	.024	12.3	118	1022	2497	.077	33.0	159	796
	And RS					And TY				4624	.018	11.5	78	1247
138	.426	10.2	313	31	143	.348	11.0	266	44	8318	.070	52.9	146	1409
2796	.054	12.6	125	441	251	.331	13.8	275	59		Aql GY			
5639	.054	22.1	132	782	3073	.060	10.1	120	322	215	.630	24.5	1569	32

Table 3. (continued)

P	S(P)	WWZ	WWA	N_e	P	S(P)	WWZ	WWA	N_e	P	S(P)	WWZ	WWA	N_e
862	.210	13.2	1279	102	956	.127	10.3	364	144	Cae T				
1768	.382	46.2	1395	153	3748	.103	24.9	366	435	1382	.257	13.9	72	83
10000	.108	10.1	2216	170	5095	.056	16.3	310	549	3398	.198	12.1	79	101
Aql PX					10000	.223	120.9	610	848	Cam RR				
3616	.043	12.3	133	554	Aur UU					210	.354	10.3	234	41
10000	.172	71.1	270	689	222	.195	26.3	166	221	4012	.100	20.7	141	376
Aql S					436	.227	55.7	195	382	6887	.071	18.6	124	491
145	.745	150.9	983	107	643	.073	21.4	108	550	Cam RS				
243	.262	28.5	578	164	844	.091	35.5	124	715	88.4	.451	11.0	387	30
744	.050	11.0	323	417	1274	.054	30.0	92	1063	987	.108	16.4	207	275
3401	.026	21.3	191	1619	1824	.055	42.5	100	1477	Cam RY				
Aql V					3346	.049	63.9	97	2464	135	.556	26.2	309	45
438	.173	12.1	148	119	6719	.064	144.9	113	4278	10000	.040	17.4	96	838
1647	.082	18.7	107	423	10000	.061	182.5	115	5611	Cam S				
2083	.073	20.8	104	531	Aur Z					327	.781	346.8	860	199
3090	.046	18.2	86	758	114	.548	23.6	532	42	3174	.050	41.0	223	1558
4040	.051	25.0	85	942	Boo RV					7852	.006	10.1	80	3142
7789	.073	59.4	105	1519	229	.208	11.3	138	89	Cam ST				
10000	.052	48.5	92	1770	1606	.070	14.5	87	390	203	.181	15.8	145	146
Aql V844					10000	.101	51.7	154	921	360	.201	23.3	162	188
144	.384	14.7	352	50	Boo RW					1613	.092	37.1	109	741
253	.613	63.4	504	83	408	.379	41.0	221	138	2784	.048	31.4	83	1242
434	.184	14.5	307	132	3968	.180	58.4	206	534	6813	.043	55.1	69	2442
1091	.260	37.8	332	219	4925	.131	48.4	190	642	10000	.049	78.3	88	3076
2181	.203	29.6	333	235	8101	.235	138.5	275	907	Cam U				
Aqr V					Boo RX					221	.190	14.9	168	130
239	.599	21.9	556	32	329	.127	15.4	147	215	404	.131	17.5	149	234
682	.387	22.1	537	73	417	.120	18.2	139	269	957	.057	16.0	103	533
2820	.137	19.6	317	249	541	.106	20.2	134	345	3023	.158	133.7	175	1428
3845	.101	18.0	315	324	1030	.055	14.8	104	514	4648	.098	109.3	142	2007
Aqr Z					2658	.207	128.7	197	987	6213	.068	90.9	117	2510
137	.684	32.9	629	34	4210	.136	112.5	162	1435	8469	.081	136.3	140	3087
218	.342	11.5	458	47	5552	.122	122.4	159	1765	Cap RT				
Ari T					7726	.132	165.8	184	2178	195	.472	13.7	352	34
170	.462	57.7	670	138	Boo RZ					397	.460	23.2	432	57
321	.802	483.5	1030	246	211	.669	30.0	561	33	3639	.121	22.4	201	329
2620	.249	263.6	576	1589	516	.239	11.9	332	78	6602	.040	10.5	147	512
4898	.020	27.6	157	2699	Boo U					9306	.079	26.7	157	626
9645	.009	20.3	111	4452	202	.698	63.8	731	58	Cas PZ				
Aur AG					6988	.047	18.3	187	740	577	.334	18.0	195	75
96.2	.581	38.0	469	58	Boo V					787	.216	13.1	155	98
2578	.023	11.1	99	936	141	.216	39.9	372	293	2106	.196	25.0	166	208
4860	.016	12.5	92	1584	258	.693	587.0	697	528	10000	.142	21.8	200	266
5426	.016	14.3	106	1717	874	.100	85.5	271	1536	Cas SV				
10000	.022	28.1	96	2491	2073	.011	19.0	98	3469	250	.373	17.5	640	62
Aur RS					4644	.014	49.0	105	6929	463	.509	47.1	775	94
169	.549	48.1	441	82	6624	.012	56.7	98	9062	1673	.082	12.4	312	282
337	.193	15.3	327	131	9333	.007	40.6	77	11501	4975	.051	19.0	274	706
3077	.026	12.3	115	924	Boo WY					8353	.050	26.3	242	1006
8264	.205	250.5	342	1946	975	.193	14.8	184	127	Cas UX				
Aur S					10000	.127	17.2	213	241	1413	.292	39.2	227	193
579	.515	48.7	709	95						3870	.261	44.3	228	254

Table 3. (continued)

P	S(P)	WWZ	WWA	N_e	P	S(P)	WWZ	WWA	N_e	P	S(P)	WWZ	WWA	N_e
		Cas V393			1772	.039	16.0	85	800	7712	.017	20.2	49	2307
530	.207	13.0	96	103	4732	.013	12.1	46	1875	10000	.027	37.3	65	2687
1098	.200	19.0	101	154	9068	.027	42.8	70	3046			CrB RS		
1750	.179	23.2	93	215			Cep TY			327	.383	14.3	361	49
2377	.206	32.5	95	254	333	.503	33.6	437	69	2866	.116	13.8	153	212
3543	.138	24.6	93	311	6909	.082	13.2	239	298	5180	.309	75.1	229	339
7057	.080	15.4	165	357	9671	.145	29.7	273	352	6871	.220	57.5	202	410
		Cas V465					Cep W					CrB TT		
485	.081	15.9	93	362	641	.089	10.2	176	212	986	.064	20.9	101	613
902	.298	135.2	185	640	1141	.088	13.6	186	283	1470	.070	33.1	107	884
2159	.040	26.5	69	1271	1957	.136	32.3	246	412	2549	.040	28.6	79	1380
5911	.056	53.5	77	1795	3674	.203	89.7	280	706	8128	.037	36.3	83	1872
		Cas WZ			8634	.366	404.1	439	1404			CVn V		
187	.195	11.4	194	97			Cet T			191	.656	135.6	484	145
370	.235	27.0	233	179	112	.281	11.9	265	64	388	.103	15.8	210	279
625	.065	10.2	122	297	162	.451	34.3	358	87	5303	.033	47.5	112	2796
851	.087	18.8	146	398	295	.415	53.5	373	155	7079	.032	56.8	105	3495
1651	.084	33.1	132	730	1697	.103	41.0	186	717	10000	.030	68.8	104	4417
2374	.061	32.0	118	979	3421	.028	19.4	99	1346			CVn Y		
4476	.057	44.4	114	1474	8703	.035	50.9	113	2792	160	.124	11.4	120	164
10000	.050	47.4	108	1819			Cnc RS			277	.153	24.3	131	272
		Cen T			135	.261	25.4	211	147	1058	.052	27.1	85	989
90.2	.758	45.2	868	32	236	.305	53.9	245	249	2339	.055	58.3	87	1998
		Cen Y			490	.058	15.7	107	513	5206	.163	373.1	155	3830
5090	.237	12.1	282	81	682	.087	33.9	152	710	9497	.058	174.4	97	5699
5833	.209	11.0	406	87	2000	.058	58.9	110	1928			Cyg AA		
7363	.466	41.3	361	98	2979	.024	32.8	77	2719	210	.493	21.2	293	47
8637	.234	15.7	695	106	7176	.058	166.2	130	5355	4787	.092	13.3	152	265
10000	.396	36.1	715	113	10000	.050	170.8	113	6509	10000	.072	17.3	172	451
		Cep AR					Cnc RT					Cyg AF		
3511	.080	20.9	97	484	2887	.058	11.4	108	375	91.7	.269	57.0	267	312
9173	.227	106.6	160	729	4229	.072	19.5	122	507	169	.199	67.4	236	547
		Cep RU			6409	.082	31.2	166	707	339	.033	18.3	105	1089
501	.106	12.4	120	213	8897	.268	160.0	271	881	874	.056	80.7	130	2734
2077	.035	14.9	72	840			Cnc T			1264	.030	59.2	95	3862
3890	.056	44.2	87	1491	485	.442	27.6	295	73	2720	.017	67.4	75	7682
5057	.071	71.5	103	1862	1447	.196	20.6	308	171	6293	.020	155.6	82	15037
8664	.059	85.8	94	2753	4334	.054	12.0	154	428	10000	.031	322.5	103	20489
		Cep RW			6754	.161	58.4	339	614			Cyg AI		
726	.166	18.0	159	183	7932	.144	58.8	338	702	146	.532	25.7	276	48
868	.137	16.7	120	215			Cnc X			865	.141	16.6	172	204
3648	.101	17.6	120	315	194	.142	15.3	144	188	1328	.155	24.6	170	271
4408	.099	20.0	123	369	420	.100	20.7	138	374	6131	.168	35.4	272	352
5689	.077	18.4	112	446	1884	.044	34.2	86	1485			Cyg AV		
		Cep RX			3831	.021	28.7	63	2747	87.7	.610	38.3	475	52
1191	.128	12.0	141	166	6448	.035	75.8	81	4157	3691	.015	10.4	73	1398
4891	.068	19.3	90	532	10000	.008	24.5	39	5756			Cyg AW		
6007	.061	20.1	81	620			CrB RR			378	.114	12.2	168	192
9247	.141	66.4	179	813	565	.173	25.8	155	250	821	.057	12.1	112	405
		Cep SS			1064	.099	24.6	109	452	2318	.067	36.9	125	1038
350	.144	17.2	147	207	1923	.098	41.8	127	771	3845	.080	68.0	143	1571
897	.075	17.7	106	443	4431	.081	67.6	107	1535	9772	.014	21.6	64	2947

Table 3. (continued)

P	S(P)	WWZ	WWA	N_e	P	S(P)	WWZ	WWA	N_e	P	S(P)	WWZ	WWA	N_e
		Cyg BC					Cyg W					Eri SY		
700	.639	91.1	402	106	131	.372	120.3	299	409	780	.284	16.7	221	87
4628	.061	13.5	157	417	227	.162	67.1	198	696	1415	.384	42.0	253	138
9550	.074	18.5	168	463	513	.022	17.4	76	1557	3245	.487	94.8	307	203
		Cyg RS			701	.025	27.5	90	2110	10000	.374	63.9	281	217
203	.157	18.9	328	205	2042	.007	20.6	43	5811			Eri Z		
424	.651	386.6	706	422	3236	.004	16.7	34	8762	685	.360	23.8	265	87
2829	.063	78.9	219	2347	7953	.058	547.7	123	17801	5712	.044	12.1	87	526
4344	.034	59.0	160	3328			Del EU			8460	.082	30.1	126	681
6716	.023	55.8	130	4684	1485	.030	11.1	42	709			Gem IS		
8643	.023	64.1	129	5575	10000	.025	22.4	49	1792	278	.335	12.1	114	51
		Cyg RU					Del U			516	.235	13.7	104	92
233	.562	140.6	432	224	186	.070	11.6	100	314	861	.280	28.3	120	149
438	.157	38.4	226	415	274	.150	38.6	157	440	1153	.338	48.6	113	194
681	.055	18.2	142	634	531	.147	51.7	161	603	2279	.165	33.8	96	344
1540	.047	33.0	124	1353	1172	.389	384.2	261	1214	5196	.056	15.6	63	530
2184	.028	26.5	97	1841	2775	.051	67.1	100	2519	8801	.097	30.5	76	572
4624	.019	33.4	79	3395	6538	.018	47.3	56	5136			Gem NQ		
5746	.021	43.0	82	4016	9109	.018	61.6	64	6608	298	.327	10.1	283	44
7499	.016	40.4	72	4861			Dra RS			559	.472	31.5	412	74
10000	.026	78.7	98	5798	285	.860	220.8	1125	76	994	.198	14.3	200	119
		Cyg RV			10000	.042	10.3	315	474	1387	.277	28.2	267	150
227	.221	10.5	168	77			Dra RY			2102	.304	40.9	316	190
431	.203	17.6	187	140	272	.100	11.8	131	215	7943	.166	22.7	287	231
896	.098	15.1	145	280	552	.074	17.0	120	426			Gem RS		
1762	.077	21.7	144	523	1129	.206	86.6	204	670	148	.444	15.6	329	42
4395	.215	152.5	276	1119	2370	.052	35.6	105	1302	266	.375	20.1	339	70
6917	.155	144.0	222	1577	3364	.036	33.1	91	1756			Gem SW		
9092	.136	148.1	209	1885	5370	.057	77.7	115	2590	684	.160	31.0	188	328
		Cyg RW			6927	.109	191.3	159	3133	1728	.040	10.2	111	499
626	.373	15.9	2346	57	10000	.108	245.6	162	4060	3230	.027	11.6	60	848
1426	.170	11.5	324	115			Dra S			6873	.078	67.9	94	1602
2851	.168	21.4	294	214	173	.255	23.9	242	143			Gem TU		
4229	.196	35.7	227	297	310	.195	30.3	220	254	729	.300	11.6	229	57
6029	.068	14.2	146	393	1141	.076	31.7	139	775	937	.272	12.2	211	68
8722	.069	19.0	136	521	2071	.046	32.6	120	1353	1423	.295	18.7	258	92
		Cyg RZ			5269	.042	64.1	111	2968	1910	.198	13.7	198	114
274	.565	61.7	992	98	7021	.047	89.2	127	3634	2703	.315	32.0	325	142
527	.246	25.9	694	162	10000	.100	251.6	183	4554	4835	.333	43.9	290	179
1129	.076	10.1	400	250			Dra TX			10000	.207	24.4	180	190
		Cyg TT			75.8	.296	11.9	197	59			Gem TV		
1416	.107	18.6	136	313	701	.062	15.0	130	456	427	.159	13.5	179	146
2694	.118	37.9	151	567	2061	.019	11.7	54	1218	1617	.133	25.4	166	333
5147	.040	19.7	92	958	2982	.026	23.3	65	1722	2545	.409	167.6	265	487
10000	.103	81.2	153	1421	5821	.012	18.8	45	3055	5354	.142	73.4	216	895
		Cyg V460			10000	.021	47.5	62	4372	6078	.136	77.7	178	994
163	.165	10.3	120	108			Dra UX			9035	.190	155.3	216	1324
1502	.043	10.6	83	478	7136	.027	8.8	80	644			Gem Y		
2362	.054	20.3	86	708			Dra WZ			251	.410	14.2	277	44
3656	.070	37.3	90	1000	410	.842	129.2	2087	53	10000	.135	36.0	182	466
10000	.059	42.9	70	1374	4840	.093	13.5	734	269			Her DE		
					10000	.101	16.9	991	304	172	.701	59.5	791	54

Table 3. (continued)

P	S(P)	WWZ	WWA	N_e	P	S(P)	WWZ	WWA	N_e	P	S(P)	WWZ	WWA	N_e
339	.205	11.2	472	90			Hya U			517	.174	21.0	276	202
3735	.090	13.8	382	283	2765	.046	26.1	78	1091	1256	.462	132.0	421	310
6775	.067	16.6	341	464	4343	.031	26.0	63	1632	4986	.029	13.9	122	943
10000	.079	24.8	352	579	8438	.048	64.5	75	2557	7396	.030	19.0	124	1243
		Her MZ					Hya V					Lyr EG		
118	.602	38.2	186	54	524	.361	19.7	781	73	209	.475	11.0	358	27
214	.513	42.0	197	83	3020	.120	24.2	582	359	247	.466	12.6	356	32
636	.379	39.0	293	131	6297	.415	227.7	1112	644			Lyr R		
2409	.237	16.7	260	111			Hya W			365	.055	14.1	91	490
2764	.237	18.7	241	123	187	.475	14.9	888	36	1672	.012	12.5	38	2123
3546	.251	21.9	511	133	386	.777	103.6	1463	64	5716	.040	130.1	74	6274
6677	.235	20.7	738	138	3444	.132	33.1	617	439	7703	.054	216.5	81	7610
9096	.237	21.0	776	138	4926	.075	23.5	477	583	10000	.038	176.1	67	8900
		Her RR			8945	.235	131.7	793	862			Lyr SZ		
239	.626	43.4	597	55			Hya Y			137	.474	6.0	401	16
716	.217	12.3	1082	91	1810	.127	10.8	145	151			Mon RV		
10000	.107	39.2	337	661	2980	.089	11.6	122	241	3485	.282	39.7	291	206
		Her ST			5572	.065	13.7	133	398	4490	.303	53.3	268	249
148	.310	11.7	222	55	6950	.080	19.9	131	459	7474	.286	72.6	311	366
2340	.064	16.2	126	476	10000	.047	14.0	97	573			Mon SW		
4430	.181	91.8	197	832			Lac RS			1868	.073	16.5	160	421
9075	.142	110.3	202	1338	235	.860	35.6	1061	15	3849	.031	10.9	111	696
		Her SX			690	.407	10.5	740	34	10000	.100	48.9	199	883
103	.465	22.6	338	55			Leo RY					Mon X		
2515	.028	12.9	92	901	157	.703	65.1	713	58	110	.382	27.0	510	91
4953	.036	29.4	105	1583	289	.271	16.3	482	90	153	.677	120.8	711	119
10000	.020	25.7	82	2578	4353	.041	21.6	168	1016	267	.365	54.2	547	192
		Her UU			9162	.015	13.1	107	1686	662	.042	10.2	193	465
1311	.032	8.1	53	499			Leo SX			1086	.052	20.4	201	749
		Her X			740	.277	6.7	483	38	1738	.023	13.7	133	1166
98.9	.183	15.8	173	144			Lep RX			3499	.013	14.3	100	2184
174	.136	18.0	160	231	254	.104	21.1	124	368	6702	.023	43.3	150	3630
264	.060	10.7	109	340	673	.086	43.8	103	933	10000	.019	44.6	134	4586
363	.073	18.1	127	465	791	.093	55.1	114	1083			Oph V759		
692	.088	41.5	122	867	1072	.081	62.3	113	1426	280	.750	27.9	1041	22
790	.091	48.8	128	984	2555	.016	24.0	50	2897			Ori BQ		
1815	.031	34.4	78	2139	5843	.043	99.8	81	4481	131	.347	12.7	252	51
3236	.013	23.6	53	3570	10000	.033	82.7	73	4828	238	.375	24.3	274	84
4923	.021	55.3	67	5074			Lep S			747	.109	13.3	189	219
8004	.023	87.2	75	7369	619	.308	19.2	226	89	4523	.027	14.3	80	1044
		Hya FF			849	.394	34.9	274	111	7996	.029	23.8	82	1586
456	.308	10.5	315	50	2455	.081	11.8	129	272			Ori FX		
1632	.225	20.4	320	143	3541	.064	12.8	118	380	679	.473	72.4	368	165
3655	.314	49.3	376	219	7830	.033	11.8	88	701	1258	.073	11.4	172	292
10000	.270	43.1	328	236			LMi U			2060	.067	16.0	156	452
		Hya RT			144	.393	13.0	402	43	3952	.045	18.0	131	760
253	.675	20.6	682	23	270	.530	39.7	498	74	7156	.032	16.8	129	1035
771	.305	12.2	584	59	1080	.130	15.3	247	208	10000	.024	13.7	94	1124
2770	.119	10.6	267	160			LMi W					Ori GT		
6101	.067	11.2	209	317	116	.822	18.7	980	11	203	.177	10.9	220	104
8088	.087	18.6	250	393			Lyn Y			644	.110	16.4	165	267
10000	.074	18.1	218	453	274	.158	10.1	247	111	851	.136	26.7	197	343

Table 3. (continued)

P	S(P)	WWZ	WWA	N_e	P	S(P)	WWZ	WWA	N_e	P	S(P)	WWZ	WWA	N_e
2479	.107	43.4	181	729			Per RS					Psc RT		
8004	.050	22.7	162	875	464	.244	10.4	260	68	632	.306	24.8	193	116
		Ori RT			1033	.143	11.5	219	141	10000	.097	14.6	249	277
243	.419	10.7	274	33	1956	.136	12.6	221	163			Psc RW		
742	.301	13.6	337	66	2876	.234	34.2	309	226	164	.366	14.7	157	54
6696	.124	12.6	186	182	3837	.195	34.6	308	289	252	.232	10.9	137	75
8511	.121	15.0	197	221	7907	.206	67.6	334	524	486	.189	12.7	119	112
10000	.127	17.9	225	249			Per RU			1392	.340	33.3	174	132
		Ori W			1983	.163	10.8	239	114			Psc Z		
209	.177	25.5	183	240	2772	.159	13.9	247	151	6261	.086	14.7	143	315
300	.068	12.4	119	342	3736	.114	12.1	234	192			Sco BM		
460	.084	22.8	132	501	5577	.101	14.8	255	266	475	.311	14.6	254	68
754	.027	10.0	86	726	8176	.106	20.7	174	353	1571	.180	16.8	221	156
2354	.130	160.4	170	2148			Per S			5412	.305	40.1	290	186
3467	.025	38.2	74	3037	247	.150	20.0	403	229			Sct S		
4928	.061	131.3	122	4077	401	.065	12.2	280	358	3858	.112	31.8	136	508
6126	.050	125.8	111	4833	798	.596	455.0	882	619	9057	.136	76.7	168	980
8189	.042	131.5	106	5983	2665	.034	34.5	196	1971			Ser FG		
		Peg AF			9195	.140	413.1	459	5093	123	.358	14.5	380	55
2031	.118	11.3	190	172			Per SU			215	.355	24.5	440	92
3628	.311	56.8	354	254	412	.278	15.0	207	81	440	.182	19.3	362	176
6132	.463	131.8	406	308	626	.195	14.2	185	121	718	.094	13.3	232	259
10000	.180	35.1	431	324	1731	.166	30.5	173	310	1212	.102	19.6	284	347
		Peg AK			2114	.153	33.1	165	370	2904	.265	73.4	453	410
4476	.172	11.9	392	118	3762	.211	79.0	199	595			Sge X		
10000	.377	44.0	437	148	6437	.075	34.3	134	853	355	.215	10.3	153	78
		Peg SV			10000	.125	72.1	170	1016	2153	.068	12.7	77	354
341	.522	27.0	476	52			Per SY			4653	.300	92.4	174	433
3388	.095	13.3	203	257	478	.762	240.9	1018	153	10000	.173	46.1	165	443
		Peg TX					Per T					Tau AB		
137	.374	10.2	357	37	1217	.065	10.2	93	298	142	.677	28.5	500	30
241	.580	38.0	437	58	2435	.125	38.2	122	539	246	.295	10.0	341	51
728	.299	34.4	516	164	6998	.022	14.3	53	1277	2077	.132	21.3	262	284
5155	.085	26.1	190	568			Per UZ			6126	.148	28.8	323	334
		Per AD			877	.714	60.9	315	52			Tau TT		
456	.134	15.1	142	198			Per W			2521	.352	33.0	245	125
857	.074	14.4	113	362	211	.162	10.2	287	109	6146	.612	106.2	281	137
2073	.076	33.2	121	811	490	.413	79.6	509	229			Tau W		
4435	.038	29.6	88	1495	1489	.082	29.0	237	650	133	.280	13.5	290	72
10000	.190	265.2	201	2271	2884	.129	87.4	296	1184	244	.424	38.8	374	109
		Per BU			4357	.070	62.1	219	1652	783	.098	14.3	201	265
3898	.242	103.3	260	649	10000	.013	19.7	97	2975	4467	.018	10.8	75	1190
10000	.103	62.1	152	1083			Per XX			5580	.018	13.0	76	1425
		Per DY			491	.263	19.7	193	113			Tau Y		
248	.087	25.7	401	540	1624	.114	15.8	148	248	232	.289	23.4	296	118
366	.058	23.6	377	762	3185	.240	68.8	204	438	443	.250	36.0	294	219
857	.643	1270.3	1152	1413	5286	.061	21.8	135	673	697	.079	12.9	182	303
		Per FZ			6912	.036	15.1	95	820	1185	.045	11.8	129	509
1320	.113	14.1	156	226	10000	.026	13.5	87	1033	1740	.055	21.1	146	735
1742	.110	17.5	161	285			Pic R			2739	.081	50.0	191	1134
3710	.100	26.2	158	473	164	.830	52.9	945	25	6538	.134	174.9	236	2261
9271	.459	234.5	284	556						8771	.109	167.2	213	2740

Table 3. (continued)

P	S(P)	WWZ	WWA	N_e	P	S(P)	WWZ	WWA	N_e	P	S(P)	WWZ	WWA	N_e
		Tri W			4677	.042	70.5	77	3237	3138	.034	29.8	122	1704
613	.169	25.9	174	258	4786	.042	71.6	77	3295	7284	.021	35.5	108	3277
1609	.055	12.7	108	437	4898	.042	73.0	77	3354			UMi V		
3294	.035	12.7	129	704	7139	.060	139.8	102	4390	72.2	.304	15.7	164	75
4327	.036	16.6	142	891			UMa SV			754	.090	31.6	96	640
10000	.036	32.5	95	1735	6878	.150	15.4	202	178	1581	.024	15.7	52	1283
		UMa RX			9640	.121	14.9	441	220	6026	.021	41.7	46	3982
195	.570	68.4	606	106			UMa V			10000	.016	46.3	44	5589
3586	.016	12.2	104	1467	195	.343	10.3	272	42			Vir RT		
6369	.030	36.4	144	2328			UMa Y			10000	.200	18.0	233	148
10000	.011	17.2	101	3071	166	.241	17.3	204	112	5021	.182	9.3	222	87
		UMa RY			320	.275	34.9	232	187			Vir SS		
296	.333	105.9	190	427	2006	.023	11.3	70	945	180	.385	33.7	581	110
2196	.048	51.4	91	2061	2291	.023	12.3	71	1062	359	.702	205.1	1000	179
3955	.234	520.8	185	3415	3896	.030	26.0	92	1677	942	.047	10.9	203	450
10000	.072	267.5	109	6938	10000	.084	161.4	140	3523	3595	.015	11.6	131	1512
		UMa RZ					UMa Z			5415	.016	17.1	129	2095
258	.284	11.5	260	61	98.0	.194	32.8	331	276	10000	.026	42.4	162	3132
1389	.100	13.9	175	253	194	.519	275.9	557	518			Vir SW		
2169	.059	11.7	132	373	405	.056	31.2	191	1059	154	.607	25.5	437	36
3129	.069	18.8	154	506	1107	.013	18.5	89	2793	281	.409	14.6	402	45
5822	.165	81.7	213	832	1995	.004	10.3	53	4789	1584	.157	15.0	229	164
10000	.033	20.3	99	1177	2089	.004	10.7	53	4990			Vul RU		
		UMa ST			3187	.009	32.6	74	7191	133	.412	15.9	334	48
412	.078	15.5	101	373	4742	.032	164.0	148	9984	2541	.040	13.0	115	625
608	.102	30.3	112	535	10000	.021	183.8	124	17475	4701	.047	25.8	152	1040
888	.050	20.0	81	769			UMi R			8675	.067	56.1	164	1575
2265	.024	22.5	59	1814	325	.624	173.2	526	212					

Table 4. Characteristic times of variations Δt obtained using the "running parabola" scalegram analysis with corresponding values of amplitude ßignal to noise" ratio S/N, unbiase r.m.s. estimate of the deviations from the fit σ_2 (mmag) and mean accuracy estimate of the fit σ_6 (mmag). First group for each star corresponds to a maximum of S/N, the second one - to the minimum of σ_2. Both values characterize upper and lower limits of the characteristic time scale Δt of variations. The value lgΔt = 4 indicates that the long-term trend dominates among the variations. ratio

Star	lgΔt	S/N	σ_2	σ_6	lgΔt	S/N	σ_2	σ_6	Star	lgΔt	S/N	σ_2	σ_6	lgΔt	S/N	σ_2	σ_6
And AQ	2.14	4.6	207	047	1.03	3.9	192	097	Aql GY	1.81	13.8	256	114	1.38	4.3	240	116
And EH	4.00	8.9	361	061	1.35	2.1	122	084	Aql PX	1.74	3.3	246	115	1.51	3.6	243	127
And EK	2.19	1.6	133	057	1.07	2.3	124	081	Aql S	1.65	9.3	259	084	1.30	5.8	239	099
And RS	1.87	4.2	197	082	1.33	2.9	182	106	Aql V	3.85	9.4	242	014	1.20	3.0	130	075
And RU	1.84	5.0	243	095	1.70	5.2	235	103	Aql V844	1.72	8.2	131	051	1.05	2.9	104	061
And RV	1.60	3.4	227	116	1.43	3.2	225	126	Aqr V	1.74	6.6	173	079	1.28	2.8	163	097
And ST	2.14	9.7	217	079	1.14	2.6	194	120	Aqr Z	1.74	4.5	237	105	1.48	3.9	225	113
And TV	1.57	4.6	239	090	1.01	3.1	229	130	Ari T	2.13	13.6	265	054	1.48	9.3	232	076
And TY	1.96	3.7	201	073	1.52	4.2	191	093	Aur AG	1.60	5.8	189	072	1.34	4.6	183	085
And TZ	1.42	1.8	251	153	1.03	1.9	194	142	Aur RS	1.99	6.0	249	070	1.45	5.4	214	092
And UX	2.02	4.8	162	053	1.78	6.3	155	062	Aur S	2.45	9.2	314	081	1.94	6.9	268	102
And VX	2.22	5.9	246	051	1.76	9.8	229	073	Aur UU	2.43	7.3	201	027	1.33	9.2	178	059

Table 4. (continued)

Star	lgΔt	S/N	σ_2	σ_6	lgΔt	S/N	σ_2	σ_6	Star	lgΔt	S/N	σ_2	σ_6	lgΔt	S/N	σ_2	σ_6
Aur Z	1.62	4.9	227	098	1.40	4.2	224	109	Cyg TT	2.01	4.1	169	065	1.38	3.0	152	088
Boo RV	2.20	3.2	178	048	1.64	5.9	161	066	Cyg V460	3.24	4.5	202	018	1.34	4.5	161	076
Boo RW	2.49	8.9	175	035	1.70	6.2	152	061	Cyg W	1.88	8.7	226	031	1.44	22.9	218	046
Boo RX	3.24	9.3	252	018	1.65	8.8	172	058	Del EU	1.66	2.7	121	048	1.46	4.9	119	054
Boo RZ	1.79	5.4	173	077	1.07	2.9	154	091	Del U	2.76	12.4	210	016	1.44	14.8	168	044
Boo U	1.83	6.0	236	095	1.53	4.2	216	105	Dra RS	1.43	15.8	092	054	1.10	2.1	081	055
Boo V	1.94	14.8	221	035	1.37	12.4	201	057	Dra RY	4.00	13.2	303	010	1.76	14.8	185	048
Boo WY	1.55	4.2	152	068	1.00	2.5	133	084	Dra S	2.15	7.0	230	046	1.70	10.0	209	066
Cae T	1.73	3.3	051	032	1.17	2.0	052	037	Dra TX	1.69	3.7	175	060	1.49	6.1	171	069
Cam RR	1.55	6.2	084	043	1.15	2.4	082	053	Dra UX	2.00	2.8	166	046	1.18	3.2	165	092
Cam RS	1.55	4.8	174	091	1.00	1.8	174	129	Dra WZ	1.85	13.3	244	111	1.77	4.4	241	115
Cam RY	1.62	3.7	154	076	1.08	2.4	140	090	Eri SY	1.90	5.9	106	046	1.26	2.9	089	053
Cam S	2.06	12.1	222	054	1.46	5.7	203	085	Eri Z	1.60	4.6	120	056	1.38	3.5	118	063
Cam ST	2.17	5.8	160	033	1.39	5.7	144	061	Gem IS	1.81	3.6	087	037	1.13	2.9	068	040
Cam U	2.28	6.1	201	039	1.42	5.6	183	077	Gem NQ	2.55	5.3	202	053	1.06	2.7	172	105
Cap RT	2.08	4.8	163	069	1.14	2.4	140	090	Gem RS	1.86	4.6	179	070	1.64	5.0	173	078
Cas PZ	2.14	6.6	084	035	1.00	1.6	047	037	Gem SW	2.72	4.6	208	029	1.61	7.9	180	064
Cas SV	2.00	9.7	209	075	1.71	5.0	191	086	Gem TU	1.55	3.5	148	078	1.25	3.2	140	078
Cas UX	2.31	5.0	146	051	1.00	1.7	087	066	Gem TV	3.24	12.2	198	021	1.45	6.3	141	056
Cas V393	1.27	2.3	088	046	1.27	3.6	088	046	Gem Y	2.10	3.4	197	078	1.64	4.3	181	087
Cas V465	2.67	7.7	167	020	1.01	3.4	126	068	Her DE	1.80	6.5	273	103	1.42	4.1	252	124
Cas WZ	2.21	5.2	204	048	1.76	7.1	185	069	Her MZ	1.76	7.5	071	024	1.01	3.1	066	038
Cen T	1.46	6.0	232	112	1.17	2.9	223	131	Her RR	1.97	5.0	253	102	1.71	4.5	236	111
Cen Y	1.59	5.9	126	075	1.50	2.7	121	074	Her ST	2.01	5.3	172	054	1.63	5.2	157	069
Cep AR	4.00	6.5	205	015	1.05	2.1	149	102	Her SX	1.56	3.7	204	083	1.08	3.4	191	103
Cep RU	1.84	3.6	169	060	1.29	3.3	148	081	Her UU	1.50	2.5	142	052	1.28	5.3	139	061
Cep RW	2.66	4.1	183	039	1.03	2.2	119	080	Her X	1.91	5.6	208	040	1.46	11.5	195	057
Cep RX	4.00	7.5	224	016	1.48	3.4	159	086	Hya FF	1.13	2.7	234	143	1.00	2.3	227	151
Cep SS	2.37	4.0	215	040	1.24	3.6	169	089	Hya RT	1.83	5.6	178	086	1.41	2.9	168	098
Cep TY	2.08	5.8	207	077	1.02	2.0	112	079	Hya U	4.00	12.5	231	009	1.76	9.6	192	062
Cep W	3.80	13.5	352	021	1.88	9.5	230	074	Hya V	2.32	12.1	266	099	1.56	3.4	238	129
Cet T	2.00	5.4	226	061	1.58	7.9	215	077	Hya W	2.21	9.1	317	119	1.70	4.1	278	138
Cnc RS	2.05	7.1	199	038	1.40	9.2	177	058	Hya Y	2.98	3.8	221	048	1.58	3.2	168	094
Cnc RT	4.00	12.4	281	020	1.58	5.3	198	086	Lac RS	1.60	8.3	167	095	1.51	2.6	161	099
Cnc T	2.53	5.8	277	068	1.98	9.0	258	086	Leo RY	1.72	6.4	231	088	1.53	5.5	223	095
Cnc X	4.00	8.6	278	008	1.76	18.5	224	052	Leo SX	1.64	2.3	184	112	1.63	2.7	183	112
CrB RR	1.57	3.7	159	061	1.02	3.6	154	081	Lep RX	2.76	6.9	245	020	1.50	13.6	210	057
CrB RS	2.33	4.1	160	055	1.29	2.5	122	078	Lep S	1.88	4.9	136	061	1.46	3.2	122	068
CrB TT	2.85	4.4	257	027	1.17	4.9	213	096	LMi U	1.81	5.1	194	083	1.66	4.4	188	090
CVn V	1.79	7.8	182	049	1.43	7.9	167	060	LMi W	1.46	4.2	270	171	1.07	1.6	199	157
CVn Y	3.65	11.6	246	009	1.38	8.5	169	058	Lyn Y	1.95	7.1	192	062	1.65	5.8	174	072
Cyg AA	2.00	4.8	117	046	1.72	3.9	109	055	Lyr EG	1.70	4.7	136	075	1.06	2.1	124	086
Cyg AF	1.80	8.5	238	036	1.27	14.7	225	059	Lyr R	4.00	9.9	242	005	1.35	9.7	209	067
Cyg AI	1.40	6.7	083	050	1.48	2.8	082	049	Lyr SZ	1.50	3.1	209	127	1.10	1.8	183	138
Cyg AV	1.65	3.5	255	101	1.55	5.5	253	108	Mon RV	1.84	4.9	148	069	1.03	2.0	126	088
Cyg AW	3.31	6.2	304	022	1.54	6.8	250	096	Mon SW	1.78	3.5	232	105	1.62	3.9	229	115
Cyg BC	2.64	6.9	200	052	1.51	2.4	157	101	Mon X	1.75	8.8	238	066	1.26	6.2	222	089
Cyg RS	2.22	11.3	280	047	1.73	13.1	257	071	Oph V759	1.61	5.1	269	165	1.80	2.9	263	155
Cyg RU	2.02	10.2	168	036	1.34	6.1	150	061	Ori BQ	1.77	5.3	148	056	1.36	4.1	138	068
Cyg RV	2.31	9.3	165	041	1.04	2.6	127	079	Ori FX	1.95	5.0	209	071	1.41	4.5	190	090
Cyg RW	2.29	5.7	148	055	1.88	3.7	134	070	Ori GT	1.81	4.1	219	077	1.11	3.0	176	102
Cyg RZ	1.93	11.0	226	081	1.50	3.8	199	102	Ori RT	2.31	4.4	170	069	1.05	2.4	094	060

Table 4. (continued)

Star	lgΔt	S/N	σ_2	σ_6	lgΔt	S/N	σ_2	σ_6	Star	lgΔt	S/N	σ_2	σ_6	lgΔt	S/N	σ_2	σ_6
Ori W	3.20	9.7	292	016	1.80	19.5	244	055	Sct S	2.06	3.2	184	071	1.70	4.3	171	082
Peg AF	1.62	6.1	160	088	1.32	2.4	157	102	Ser FG	2.19	7.3	269	073	1.27	3.0	227	130
Peg AK	4.00	4.8	439	068	1.06	1.8	106	078	Sge X	2.35	3.9	151	046	1.59	3.6	118	062
Peg SV	1.63	7.2	096	059	1.42	2.1	073	050	Tau AB	1.50	6.8	128	074	1.06	1.8	099	073
Peg TX	1.88	6.1	167	068	1.70	4.7	162	075	Tau TT	2.30	4.8	165	058	1.77	3.9	150	076
Per AD	4.00	12.2	290	012	1.93	9.9	212	067	Tau W	1.95	5.1	230	063	1.65	8.8	221	074
Per BU	3.31	6.8	276	030	1.80	5.6	202	086	Tau Y	2.25	7.0	257	057	1.53	6.6	230	089
Per DY	2.22	27.2	281	032	1.28	10.2	235	074	Tri W	2.66	4.6	246	036	1.33	4.7	181	083
Per FZ	1.34	2.8	160	096	1.29	2.7	159	098	UMa RX	1.72	7.5	197	069	1.38	4.5	180	085
Per RS	3.02	7.8	252	049	1.11	1.9	126	091	UMa RY	2.27	10.5	167	020	1.35	14.3	153	040
Per RU	2.35	3.7	248	086	1.18	2.8	174	104	UMa RZ	1.89	5.3	160	066	1.01	2.2	139	093
Per S	2.47	25.9	255	033	1.67	11.8	225	066	UMa ST	3.70	10.4	252	009	1.40	7.8	171	061
Per SU	2.46	6.3	154	044	1.20	2.5	127	080	UMa SV	1.63	4.0	129	067	1.06	2.0	082	058
Per SY	2.22	9.8	260	075	1.00	2.1	218	149	UMa V	1.82	3.2	182	086	1.54	3.1	174	099
Per T	2.81	4.5	190	029	1.10	3.0	162	093	UMa Y	2.11	5.1	209	046	1.77	10.9	199	060
Per UZ	2.68	4.0	139	053	1.15	1.6	079	062	UMa Z	1.77	12.4	234	039	1.29	13.8	217	058
Per W	2.39	9.0	278	054	1.83	9.1	241	080	UMi R	2.09	8.0	217	052	1.62	6.8	198	076
Per XX	2.49	5.7	170	041	1.97	6.9	151	058	UMi V	1.65	4.1	141	043	1.35	6.4	136	054
Pic R	1.65	10.3	122	072	1.10	1.9	068	050	Vir RT	4.00	5.1	233	043	1.00	2.2	089	060
Psc RT	2.34	4.3	154	046	1.52	5.3	138	060	Vir SS	2.21	9.3	312	066	1.78	11.6	296	087
Psc RW	1.33	5.6	062	034	1.08	2.5	058	037	Vir SW	1.83	4.7	200	081	1.52	4.5	199	094
Psc Z	1.92	2.0	204	097	1.55	3.2	194	109	Vul RU	1.89	3.8	227	082	1.56	4.6	214	100
Sco BM	2.92	6.2	219	047	1.27	2.0	108	077									

Table 5. Moments of extrema t_e = JD-2400000, their accuracy estimates σ_t, corresponding stellar magnitude m and its accuracy estimate σ_m (in millimagnitudes); characteristic of the extremum (ï" means "min", ä" - "max") and the number of unknowns used for the polynomial fit, which corresponds to a minimum σ_m; number of observations n used for the fit.

t_e	σ_t	m	σ_m	type	n	t_e	σ_t	m	σ_m	type	n	t_e	σ_t	m	σ_m	type	n
And AQ						And RS						40887.3	1.9	9.215	49	i3	18
29622.5	2.9	8.501	90	i3	6	28441.7	6.3	9.053	137	i3	11	40963.9	1.5	7.498	74	a3	14
45583.0	3.6	8.158	35	a3	23	28528.4	2.5	7.876	149	a5	13	41329.8	3.9	9.428	209	i4	11
46031.8	5.7	9.029	70	i4	19	28781.4	3.1	8.497	62	a3	19	41664.6	1.7	8.389	71	a6	12
46355.1	5.6	8.894	39	i3	59	28856.9	3.6	9.215	36	i3	14	41946.9	2.5	8.724	96	a5	16
46660.1	10.0	8.805	62	i4	73	29136.7	3.0	9.048	31	i3	11	44879.9	1.7	8.786	25	i3	10
47438.8	3.6	8.209	79	a4	58	29225.6	2.6	8.151	52	a3	36	44944.9	2.0	8.269	60	a4	12
47863.9	6.4	8.807	82	i6	64	30745.9	1.9	9.235	51	i3	19	49610.6	6.7	9.189	170	i5	19
48507.3	1.5	8.932	15	i3	68	33609.4	3.2	8.546	59	a3	34	49961.3	2.5	8.449	87	a3	8
48570.4	3.7	8.346	55	a5	50	35494.3	1.3	8.267	53	a6	16	50021.3	1.9	9.159	52	i4	12
48855.7	2.8	8.972	32	i4	38	36152.9	1.3	9.531	43	i3	16	50103.0	2.6	8.288	40	a3	26
48937.9	2.0	8.358	34	a3	22	36231.2	1.4	8.270	56	a4	15	50696.7	3.5	8.824	50	i3	28
49017.1	2.2	9.065	70	i6	30	36502.3	1.7	8.951	33	a3	17	50781.8	2.8	7.884	97	a3	13
49259.2	4.1	8.338	29	a3	48	36554.8	1.5	9.487	93	i6	16	51088.1	4.5	8.804	77	i3	18
49624.4	2.9	8.286	33	a3	60	36807.1	2.1	8.946	62	a3	10	And RU					
49731.3	2.0	9.087	39	i3	46	36862.6	2.3	9.567	39	i3	16	37230.2	1.8	10.668	49	a5	13
49957.7	3.0	8.188	38	a3	52	37653.3	1.5	9.423	75	i3	9	37415.4	1.9	10.681	90	a3	9
50076.1	1.5	9.194	58	i3	39	38350.7	4.3	9.424	78	i6	16	37526.2	3.6	12.328	126	i3	9
51045.2	4.9	8.228	24	a3	65	38399.4	2.5	8.897	78	a3	13	37631.6	3.4	10.731	112	a3	16
51109.5	6.5	8.466	31	i3	46	39394.2	2.5	9.249	81	i6	36	38450.8	2.3	12.709	216	i3	6
51171.5	1.1	7.918	64	a6	21	39473.5	7.7	8.634	93	a6	23	39529.8	2.7	11.981	101	i5	7

Table 5 (continued).

t_e	σ_t	m	σ_m	type	n	t_e	σ_t	m	σ_m	type	n	t_e	σ_t	m	σ_m	type	n
43462.6	3.4	11.006	244	a3	11	50879.3	3.1	10.406	110	i4	22	46657.7	1.6	10.674	65	i3	30
44183.0	5.0	11.044	139	a4	13	And ST						46717.4	1.7	9.616	76	a6	44
44502.5	3.1	12.434	145	i6	19	41669.3	1.1	8.156	364	a6	7	46774.7	2.3	10.562	49	i3	46
45310.9	1.3	11.104	79	a5	14	45576.5	6.7	11.393	110	i3	13	47031.9	2.1	9.939	66	a4	39
45621.0	4.1	12.380	91	i5	29	46776.5	3.1	8.722	80	a5	12	47113.9	3.9	10.525	66	i4	32
46080.8	6.0	11.671	130	a5	28	47469.4	2.5	8.713	47	a3	19	47160.8	1.5	9.634	59	a5	33
46390.2	2.4	12.068	56	i3	19	47805.6	2.3	8.662	42	a3	36	47327.8	3.7	10.532	71	i4	37
46755.0	4.7	12.165	87	i3	19	48156.7	3.1	8.891	46	a3	29	47392.4	2.0	9.844	67	a5	48
47095.0	2.1	11.360	76	a3	19	48470.9	2.9	8.611	42	a3	29	47476.4	5.1	10.482	62	i4	40
47501.2	2.9	11.915	64	i3	31	48979.1	3.4	11.057	142	i6	16	47792.6	1.9	9.896	64	a3	27
47574.0	1.7	10.977	58	a3	17	49973.1	2.7	11.482	56	i3	21	47822.9	1.5	10.426	72	i3	21
47887.7	2.5	12.161	70	i3	32	50650.2	2.1	11.909	160	i3	11	47852.0	1.4	9.772	75	a3	29
48210.0	3.5	11.570	106	a3	23	51147.7	2.9	9.012	37	a3	63	47879.3	0.9	10.562	92	i3	25
48263.9	1.3	12.404	65	i3	28	51476.0	1.5	9.438	36	a3	68	47909.6	1.0	9.542	72	a3	31
48491.7	1.3	12.690	49	i3	7	And TV						48145.1	2.9	9.765	82	a3	26
48553.9	2.0	11.081	76	a3	21	28862.9	1.8	8.791	221	a4	17	48189.9	1.0	11.047	56	i4	30
48609.2	1.4	12.335	54	i3	19	29213.2	0.8	8.384	133	a3	9	48264.3	1.3	9.529	65	a3	31
48994.4	2.1	12.989	129	i3	13	29273.4	1.3	10.911	54	i3	20	48468.9	0.5	8.734	81	a6	23
49243.3	1.6	12.958	104	i3	23	29616.4	1.7	10.743	68	i3	10	48570.9	1.0	10.761	76	i4	15
49399.9	2.8	11.061	80	a4	33	41174.8	2.4	10.825	92	i6	23	48600.4	1.6	9.234	95	a3	19
49492.5	4.0	12.758	210	i3	14	41253.1	0.8	9.402	65	a3	13	48898.6	1.1	11.016	104	i3	15
49617.4	2.3	10.823	72	a3	36	41298.7	0.8	11.364	64	i3	10	49262.9	3.3	9.671	114	a3	13
49740.4	2.1	13.148	85	i3	27	41359.0	2.5	9.507	122	a3	12	49343.8	4.0	10.598	177	i6	17
49989.6	1.2	13.006	75	i3	26	41643.7	2.1	10.872	79	i4	13	49623.5	5.4	10.160	98	a4	22
50080.7	1.8	10.934	66	a3	34	41684.4	1.1	9.323	65	a4	9	49676.4	1.5	11.103	113	i6	13
50335.2	3.6	11.307	67	a3	33	42012.7	2.0	8.884	170	a5	6	49726.4	2.3	9.936	77	a3	22
50815.4	3.2	11.046	66	a3	27	42420.3	2.4	10.914	103	i3	13	49955.2	1.6	9.384	72	a3	18
51099.6	3.3	11.037	82	a4	19	42661.8	2.5	10.927	116	i3	7	49996.8	1.4	10.675	87	i4	44
51180.6	4.4	11.975	52	i3	45	42713.7	1.0	9.778	37	a5	6	50083.6	1.0	9.411	66	a3	31
51414.2	6.0	12.269	231	i6	14	42982.4	2.1	10.461	92	i6	9	50134.4	1.0	11.021	77	i6	19
51457.6	3.9	11.496	189	a5	12	43068.2	1.0	9.249	79	a3	8	50343.4	0.9	9.484	96	a5	24
51512.5	2.7	12.189	101	i4	9	43410.7	2.8	11.080	999	i6	8	50463.5	1.2	9.728	57	a3	32
51562.0	2.8	11.036	115	a3	10	43774.6	1.5	10.767	111	i3	10	50775.1	1.0	11.085	70	i5	28
And RV						43866.1	1.3	9.318	87	a5	8	51048.9	2.5	9.737	83	a6	44
28955.1	0.9	9.463	31	a3	15	44189.1	1.2	9.403	83	a3	24	51133.8	1.4	11.088	81	i6	26
37959.7	2.1	11.140	141	i5	8	44540.0	2.3	10.717	74	i3	20	51163.0	1.4	9.752	73	a4	31
39855.2	1.3	9.655	61	a5	13	44617.8	2.1	9.617	147	a6	26	51402.3	3.1	9.459	171	a6	15
42396.3	5.3	9.521	191	a3	7	44872.6	1.5	10.993	102	i3	15	51448.1	1.4	11.158	98	i3	14
44132.9	3.6	10.778	65	i3	21	44934.6	1.6	9.489	53	a3	28	51515.1	3.3	9.728	86	a3	27
44232.7	2.4	9.341	376	a6	19	45187.1	1.3	8.353	671	a5	9	51576.5	1.5	11.068	81	i3	14
44568.5	3.1	9.540	92	a3	17	45219.1	1.4	11.152	138	i3	10	And TY					
44908.2	1.3	9.171	109	a3	7	45248.1	0.9	9.306	85	a5	24	37963.2	4.9	9.341	90	a6	18
45310.2	2.5	10.494	92	i3	11	45336.9	2.6	10.860	98	i3	15	40898.3	3.2	10.090	72	i6	9
47546.0	0.2	10.849	11	i6	7	45623.3	2.0	9.660	93	a4	18	46527.1	2.1	9.351	51	a3	8
48601.4	3.4	11.082	226	i4	5	45658.6	1.7	10.925	173	i5	14	46642.5	7.9	9.998	118	i3	12
48912.4	4.0	10.871	112	i3	16	45974.0	2.7	10.981	60	i4	39	46793.5	11.3	9.516	38	a3	37
49256.3	1.7	11.011	53	i3	11	46050.1	1.2	9.641	69	a3	26	47049.5	2.8	9.294	49	a3	12
49327.6	2.6	9.580	111	a5	12	46087.1	0.9	10.990	66	i4	23	47433.7	3.7	10.152	51	i3	18
50317.8	2.3	9.776	37	a6	31	46324.9	1.2	10.785	64	i3	36	47520.2	2.5	9.279	37	a6	18
50397.1	4.1	10.570	80	i3	12	46384.4	1.9	9.978	47	a3	47	47674.5	8.1	9.962	73	i3	8
50733.3	5.2	10.142	53	a3	25	46438.7	1.4	10.806	66	i5	26	47796.9	2.4	8.746	122	a6	16
50816.9	1.1	9.456	66	a3	27	46600.4	2.7	10.000	42	a3	26	48000.4	3.0	9.892	35	i3	6

Table 5 (continued).

t_e	σ_t	m	σ_m	type	n	t_e	σ_t	m	σ_m	type	n	t_e	σ_t	m	σ_m	type	n
48089.7	3.4	9.417	49	a5	13	50402.2	4.5	9.039	64	i3	47	28045.4	1.6	8.853	75	a3	13
48577.7	6.0	9.268	79	a3	27	50491.7	2.3	7.843	74	a3	36	28400.9	1.4	12.181	109	i3	9
49274.6	2.9	10.257	135	i3	11	50771.6	3.2	9.149	50	i4	93	28475.5	1.8	9.407	49	a3	24
49346.9	3.3	9.218	73	a3	19	51115.5	7.3	9.262	32	i4	134	28542.9	1.5	11.907	115	i3	9
49618.0	1.8	9.034	60	a3	21	51464.5	3.2	9.315	87	i5	59	28617.2	1.1	9.139	68	a5	15
49698.9	3.7	9.819	44	i3	21	Aql GY						28691.6	2.2	11.386	141	i3	9
49980.2	3.3	9.934	42	i3	31	47752.8	0.6	13.500	89	a4	10	28767.9	1.6	9.167	74	a3	26
50702.2	5.3	9.639	60	a3	26	48455.9	2.5	9.239	148	a3	20	28831.6	1.5	11.998	88	i4	42
50767.5	1.5	10.537	125	i6	11	50814.2	6.0	8.539	690	a5	9	28918.1	0.7	9.317	44	a3	23
51054.3	3.7	10.572	101	i3	20	Aql PX						29127.1	1.3	12.722	145	i5	14
51136.2	3.4	9.262	64	a3	19	40157.0	2.1	11.753	218	i6	8	29203.3	1.2	9.233	48	a3	40
51426.1	2.4	9.354	24	a3	38	40501.7	1.9	9.769	97	a5	12	29855.6	1.6	12.210	102	i3	16
51497.4	3.7	9.950	78	i3	14	40887.1	1.5	10.988	47	i4	7	29925.6	1.1	9.746	75	a4	8
51552.3	1.8	9.065	64	a3	15	43804.4	0.5	9.475	56	a3	14	30227.7	2.1	9.983	42	a3	15
And UX						44885.9	1.7	10.548	25	i3	9	30298.0	1.9	11.956	116	i5	8
47572.7	3.4	8.395	37	a3	13	44940.2	1.0	9.875	27	a5	8	30594.5	2.9	11.183	119	i3	8
47884.3	3.8	8.919	36	i3	11	45224.9	1.2	9.688	111	a3	10	30663.3	1.2	9.635	42	a3	14
48128.9	2.5	9.027	35	i4	5	45602.5	1.3	11.217	87	i6	9	30955.1	3.4	9.868	89	a3	20
48261.2	3.7	8.629	56	a6	13	45647.1	2.0	9.886	103	a3	8	31347.6	2.9	12.297	181	i4	7
48584.0	0.1	9.045	3	i6	7	45899.1	3.4	10.804	65	i6	9	31414.7	2.2	9.841	50	a3	6
48904.7	2.3	8.817	25	a4	5	45951.7	0.9	10.025	38	a3	6	32709.5	1.2	9.527	89	a3	9
48939.9	5.0	9.055	51	i6	10	47370.0	1.9	10.127	74	a6	18	33604.9	1.4	9.183	44	a3	13
49614.4	8.5	8.958	82	i3	8	47784.2	3.7	11.032	74	i3	21	37989.8	7.9	9.414	229	a5	11
49740.8	2.3	8.254	32	a3	12	47846.6	2.5	10.269	96	a3	12	38284.7	1.9	9.293	58	a3	23
49983.3	6.3	8.867	46	a3	28	48890.0	2.0	10.102	125	a3	8	39687.9	2.0	11.484	83	i6	16
50053.4	5.3	9.198	62	i3	16	49221.3	2.1	11.838	85	i5	13	39759.3	2.7	9.153	158	a3	12
50144.1	17.5	8.760	47	a3	35	49528.2	1.3	11.731	564	i6	11	40124.8	1.5	11.792	92	i3	15
50301.3	4.8	9.213	65	i5	30	49678.6	3.0	9.942	161	a3	9	40328.8	0.6	9.026	33	a6	8
50613.5	3.2	8.359	50	a4	48	49832.5	1.3	10.389	82	a3	5	40444.8	2.3	11.050	123	i5	18
50738.8	3.2	9.404	50	i4	38	49864.9	3.8	11.181	243	i3	5	40479.9	1.4	9.214	84	a5	25
50819.3	3.7	8.483	37	a4	55	49901.4	3.1	10.503	74	a3	10	40778.1	2.5	9.268	52	a4	27
51055.1	2.5	8.391	33	a5	28	49982.3	2.0	9.913	160	a3	10	40870.7	2.4	11.479	192	i3	9
51163.4	2.7	9.252	50	i3	32	50017.0	3.4	11.110	173	i6	14	41160.1	1.4	11.211	86	i3	27
51284.6	5.5	8.072	127	a3	14	Aql S						41231.4	2.0	9.354	87	a3	31
51392.0	4.7	8.941	46	i4	27	25072.1	1.8	9.069	151	a5	16	41288.8	2.1	11.450	257	i6	9
51498.2	1.7	8.176	60	a6	20	25165.8	0.5	12.003	51	i5	9	41595.5	3.0	11.899	190	i3	10
And VX						25396.7	1.6	9.473	108	a3	10	42250.8	1.3	8.794	54	a3	24
39862.2	1.3	7.220	43	a4	8	25500.4	1.5	11.558	101	i5	12	42328.3	0.9	11.333	132	i3	10
46281.3	7.5	9.180	89	i3	13	25551.7	2.4	9.426	366	a3	5	42618.4	1.8	11.933	209	i6	14
46579.7	4.8	8.875	110	i6	21	25603.4	1.7	11.865	252	i4	13	42680.1	2.4	9.322	56	a3	29
46746.3	3.9	8.110	51	a3	19	25897.5	1.2	11.489	63	i3	29	42985.3	1.4	9.518	59	a3	26
47367.4	5.7	9.283	67	i3	13	26190.1	0.7	11.968	33	i3	30	43062.7	2.9	11.439	94	i3	30
47875.9	10.8	8.272	46	a3	46	26257.1	0.8	9.217	50	a4	23	43331.9	2.4	11.662	205	i6	15
48152.7	5.2	9.023	50	i5	20	26429.1	3.4	9.297	183	a4	5	43406.8	1.0	9.249	49	a6	67
48490.0	6.3	9.079	39	i4	61	26495.5	0.7	11.894	44	i3	19	43810.0	1.2	11.089	95	i3	18
48758.1	6.3	8.280	61	a3	52	26551.2	0.8	9.339	45	a4	37	44092.1	1.9	11.250	106	i3	23
48955.1	3.3	9.069	79	i4	18	26950.2	1.4	12.149	177	i3	10	44159.6	1.3	9.370	42	a3	53
49491.3	6.9	8.250	68	a3	33	27010.5	2.8	9.272	101	a3	9	44454.7	0.9	9.088	53	a4	49
49649.7	2.4	8.951	35	i3	50	27293.6	1.3	9.116	108	a3	12	44546.4	2.0	11.884	78	i3	34
49805.8	6.1	8.165	40	a3	49	27370.2	1.8	11.672	105	i3	12	44842.4	1.5	11.842	71	i3	39
50051.5	4.4	9.122	65	i6	68	27646.9	1.2	11.217	75	i6	14	44915.3	1.1	9.603	71	a3	43
50267.7	4.9	8.054	72	a3	37	27731.5	1.1	9.031	65	a4	7	45123.2	2.1	11.651	90	i3	12

Table 5 (continued).

t_e	σ_t	m	σ_m	type	n	t_e	σ_t	m	σ_m	type	n	t_e	σ_t	m	σ_m	type	n
45190.1	1.3	9.507	77	a3	42	51022.3	2.7	9.289	36	a5	93	25515.7	2.4	9.658	79	i3	13
45258.2	0.9	11.718	54	i3	42	51118.0	1.0	10.610	60	i4	34	25567.6	1.2	8.026	66	a5	18
45556.2	2.8	11.192	61	i3	42	51260.6	2.5	10.717	106	i3	16	25821.9	2.2	8.359	53	a6	19
45649.9	1.5	9.402	61	a3	29	51334.9	0.8	8.962	47	a3	37	25913.8	1.4	9.684	68	i3	11
45797.4	0.4	9.154	23	a3	7	51401.1	1.0	11.903	66	i4	64	26250.8	3.2	8.578	66	a3	22
45855.6	1.0	12.126	151	i6	15	51477.4	0.7	9.088	40	a3	55	27352.8	3.0	8.595	71	a3	27
45923.1	1.4	9.766	75	a4	39	Aql V						27736.1	1.1	7.818	162	a6	47
46022.4	2.0	11.822	172	i6	50	22604.9	0.0	6.178	27	a6	7	28043.1	1.7	8.466	51	a3	34
46056.4	1.6	9.336	99	a4	11	22898.7	4.4	6.955	128	a3	8	28105.0	2.7	9.314	34	i3	46
46297.9	1.3	11.350	73	i3	51	23654.9	4.5	7.810	41	i3	31	28457.8	1.5	8.384	45	a3	53
46366.7	1.5	9.361	37	a3	72	24288.8	2.4	7.887	59	i3	18	28537.2	2.5	9.569	75	i5	22
46627.0	1.4	11.037	97	i6	41	24400.5	0.8	7.360	26	a4	32	28801.7	2.2	10.199	174	i3	9
46666.9	1.0	9.297	56	a6	76	24412.6	0.2	7.718	15	i3	19	28878.5	2.6	8.607	59	a3	32
46722.9	1.5	10.822	46	i5	93	24423.9	0.5	7.160	60	a3	11	29214.8	1.5	9.764	68	i3	21
47041.2	0.7	10.818	59	i5	82	24440.0	0.5	7.797	79	i6	12	29487.8	1.4	9.501	42	i3	11
47339.9	0.8	11.743	102	i3	33	Aql V844						34697.5	4.1	8.663	59	a3	24
47383.9	1.2	9.352	33	a5	107	50369.3	1.4	8.429	28	a3	29	35434.4	1.3	9.726	129	i5	18
47484.9	0.7	11.555	66	i4	40	50448.4	3.5	9.549	37	i4	12	35777.4	2.4	8.316	65	a6	26
47542.9	1.8	9.329	83	a3	13	50747.8	1.2	9.971	145	i4	8	36192.1	2.1	8.145	62	a4	29
47616.4	1.6	12.184	396	i4	8	50929.5	0.8	8.095	50	a5	7	36477.4	1.0	7.336	60	a5	8
47694.0	2.8	9.465	93	a3	25	Aqr V						36529.9	1.1	10.192	97	i4	15
47755.1	1.3	11.346	73	i4	43	33572.5	2.3	9.040	58	i3	17	36571.5	2.2	8.419	112	a3	23
47835.8	1.3	9.302	44	a3	44	33624.0	1.0	8.368	32	a3	12	36877.9	0.9	7.344	59	a3	16
47988.1	2.1	9.789	92	a4	17	35779.9	1.4	7.822	64	a3	12	42693.0	1.3	7.936	70	a3	19
48057.1	1.0	11.506	52	i3	31	35832.7	1.0	9.008	53	i4	11	42764.3	3.3	9.642	123	i3	20
48136.6	1.0	9.528	30	a3	73	36116.5	0.8	9.452	91	i6	7	43031.6	3.0	9.829	95	i3	7
48205.5	1.2	11.281	93	i3	35	36136.6	1.1	8.767	54	a4	8	43107.6	1.6	8.318	55	a3	16
48424.3	2.0	9.434	95	a3	23	36190.2	1.2	9.884	40	i3	14	43449.5	1.8	9.948	154	i3	12
48499.9	0.8	11.903	50	i3	64	36463.6	3.8	9.182	82	i6	16	43710.4	1.4	9.987	42	i5	10
48568.7	0.8	9.413	48	a3	42	36535.3	1.8	8.045	49	a5	15	43788.0	2.5	8.405	71	a5	8
48788.0	2.1	11.672	150	i3	11	36872.0	2.2	9.828	56	i6	23	43835.2	1.2	9.981	67	i4	12
48860.7	0.7	9.161	36	a3	72	39792.0	2.1	7.841	32	a4	10	44592.5	2.5	8.361	64	a4	11
48936.3	1.1	11.917	78	i3	23	44535.3	3.3	8.846	46	i3	14	44857.1	1.3	7.917	82	a6	9
49155.6	1.4	9.742	96	a3	22	44915.2	1.3	10.149	64	i3	12	44940.6	1.1	9.979	43	i4	8
49221.3	0.9	11.752	46	i3	56	46696.7	2.2	7.977	67	a4	16	45608.3	1.7	9.301	64	i3	12
49299.8	0.8	9.442	53	a3	42	46839.0	2.1	9.691	114	i3	9	45716.5	2.8	8.302	392	a6	11
49513.4	2.7	11.644	236	i6	27	46928.4	1.4	7.477	226	a6	10	45960.1	1.7	8.163	130	a3	12
49591.1	0.8	9.383	67	a5	38	47100.7	3.9	9.317	45	i5	28	46017.3	1.0	9.829	24	i5	8
49654.6	2.1	11.141	62	i3	43	47181.4	6.3	7.862	152	a5	10	46305.5	1.5	10.132	89	i5	7
49878.2	1.1	9.214	75	a6	41	47360.8	2.6	9.159	83	i6	16	46371.0	6.1	8.156	121	a6	17
49984.1	2.6	10.392	33	i5	96	47428.4	1.2	7.720	46	a3	21	46722.4	1.8	9.693	146	i4	16
50031.8	1.1	9.286	46	a5	44	47788.2	2.7	9.827	121	i4	11	47055.8	2.2	8.309	65	a3	12
50272.5	1.2	11.623	116	i3	24	48107.0	2.9	7.636	158	a5	12	47136.7	0.3	10.314	20	i6	9
50335.4	1.1	9.219	46	a3	76	49861.2	2.4	8.211	60	a3	9	47453.0	2.2	8.117	100	a6	23
50421.0	1.6	11.986	152	i3	20	49942.7	2.1	9.943	155	i3	17	47815.4	1.1	9.754	99	i3	25
50500.5	2.9	9.724	159	a4	12	51011.8	3.6	8.166	69	a3	16	48096.2	1.8	9.715	80	i3	10
50554.6	1.3	12.252	118	i3	12	Aqr Z						48168.9	2.0	7.804	456	a6	8
50622.4	0.9	9.237	51	a3	45	24816.2	1.6	9.753	74	i3	8	48233.1	5.9	9.149	197	i6	19
50690.5	0.6	11.949	51	i3	71	24977.2	4.7	8.998	81	i3	17	48571.2	4.0	8.369	93	a6	21
50759.1	1.3	9.768	37	a3	66	25102.4	3.1	9.443	93	i3	16	49614.5	0.6	10.231	13	i6	7
50906.1	1.9	9.450	92	a4	15	25169.3	1.9	8.446	56	a3	25	49666.3	3.2	8.272	37	a3	15
50971.0	3.4	11.011	161	i5	19	25228.9	2.6	9.720	210	i3	5	49941.1	0.9	8.279	50	a3	7

Table 5 (continued).

t_e	σ_t	m	σ_m	type	n	t_e	σ_t	m	σ_m	type	n	t_e	σ_t	m	σ_m	type	n
50701.1	2.4	9.712	66	i4	9	49308.4	1.9	8.518	32	a3	111	42645.6	0.4	11.815	445	i6	10
50755.6	0.9	8.269	21	a6	9	49658.9	2.0	8.526	28	a6	112	42699.7	2.5	9.649	117	a6	34
51171.5	1.5	8.195	68	a3	13	50443.2	0.9	10.773	29	i3	111	42772.9	2.2	10.057	42	i6	39
Ari T						50784.1	1.0	10.895	36	i3	194	42879.4	2.5	9.384	77	a6	32
24277.1	2.4	7.922	142	a3	11	51111.8	1.0	11.003	43	i3	122	43022.1	2.4	10.054	116	i5	9
24417.5	2.7	10.665	196	i6	11	51442.3	1.1	10.623	39	i3	113	43083.7	3.3	9.239	102	a5	13
24534.5	3.5	8.601	104	a3	17	51570.8	2.2	8.527	25	a3	156	43143.0	0.5	10.912	44	i3	26
24733.0	4.0	11.015	66	i3	25	Aur AG						43195.5	0.9	9.010	45	a3	36
25232.9	3.8	8.427	45	a3	58	25723.3	0.6	10.684	84	i3	8	43248.0	1.0	10.347	166	i6	15
25547.7	4.4	8.586	39	a3	55	26004.6	0.9	10.181	53	i3	5	43389.8	0.2	9.375	5	a6	7
25899.3	6.4	8.536	52	a3	29	26055.7	0.2	8.688	4	a6	7	43426.1	1.2	10.841	115	i3	14
26732.3	1.2	10.631	49	i4	8	27129.5	2.7	9.770	72	a3	29	43479.6	1.0	8.952	51	a3	27
27040.1	3.3	10.957	82	i3	27	27197.1	0.8	11.506	51	i3	22	43536.5	1.0	10.961	84	i3	16
28493.8	4.2	8.440	49	a3	40	27380.0	0.8	10.540	64	i3	8	43574.8	1.2	9.056	70	a6	17
29642.5	2.3	10.996	90	i4	9	27425.3	2.0	9.636	61	a3	20	43625.2	0.6	10.272	52	i3	13
29980.8	2.1	11.264	89	i3	6	27479.3	0.8	10.789	39	i3	27	43735.9	1.4	10.436	63	i5	10
30779.8	4.2	7.931	88	a4	14	27528.3	1.6	9.691	36	a3	35	43782.4	1.4	9.554	60	a3	10
32529.2	2.9	10.741	71	i3	25	27707.6	2.0	9.686	36	a3	18	43839.3	0.8	10.754	71	i6	14
33670.3	1.9	8.225	118	a5	9	27766.9	1.3	10.424	60	i3	40	43879.1	1.4	9.317	46	a3	20
37344.6	2.9	10.542	88	i6	21	27810.2	1.5	9.586	46	a3	30	43924.0	1.0	10.019	31	i3	20
37660.0	2.3	10.521	74	i3	46	27849.9	1.2	10.472	106	i5	27	43975.2	0.5	9.099	25	a3	18
37981.3	1.1	10.994	75	i3	53	27897.8	2.9	9.512	68	a3	44	44210.3	1.8	10.129	46	i3	25
38090.7	3.2	8.405	59	a3	25	28083.6	2.0	10.213	68	i3	19	44263.6	1.4	9.229	53	a3	28
38304.2	2.7	10.845	78	i6	49	28170.5	2.1	10.528	39	i3	27	44317.8	1.6	10.240	49	i3	17
38763.3	2.6	8.591	52	a3	53	28253.6	1.8	10.663	57	i4	21	44510.5	1.2	10.787	35	i3	7
39101.7	2.1	8.332	53	a3	84	28448.2	1.6	10.352	86	i5	22	44573.6	1.8	9.560	33	a3	14
39423.1	1.8	8.047	46	a3	65	28493.7	1.4	9.476	47	a3	23	44613.6	1.0	10.155	46	i5	12
39730.4	1.8	7.887	76	a4	42	28539.3	1.9	10.289	45	i3	24	44660.1	2.6	9.336	71	a3	16
39883.6	2.0	10.474	30	i3	87	28594.8	0.7	8.320	344	a5	9	44718.9	0.8	10.215	38	i6	15
40221.3	2.6	10.236	33	i3	105	28638.4	2.1	10.602	127	i3	18	44953.0	1.0	9.432	30	a3	16
40532.8	1.6	10.405	33	i3	84	33667.8	0.8	9.136	70	a5	18	44994.5	2.0	10.439	38	i3	16
41298.8	3.6	8.538	41	a3	66	34011.9	2.5	10.107	76	i4	12	45046.0	1.3	9.210	50	a3	14
41658.0	3.4	8.546	52	a4	55	38745.9	0.0	7.825	19	a5	6	45098.1	2.7	10.401	211	i4	8
42413.3	1.2	9.994	32	i3	139	39484.8	0.3	10.023	5	i3	8	45275.6	1.6	10.011	46	i3	13
42760.6	1.4	10.148	39	i3	103	39529.5	2.0	9.043	322	a6	8	45315.1	4.1	9.318	83	a4	12
43070.3	1.9	10.503	77	i4	30	39807.4	3.0	10.210	62	i4	27	45370.2	1.7	10.297	64	i3	17
43303.0	1.7	7.338	736	a5	65	39885.0	2.4	9.421	72	a5	36	45416.7	1.0	9.063	50	a3	19
43540.5	3.2	8.449	42	a6	118	40201.4	2.3	9.991	44	i3	38	45475.1	0.4	11.026	54	i4	6
43828.1	3.8	8.601	25	a3	132	40272.1	1.3	9.205	33	a4	43	45666.8	1.1	10.825	78	i4	19
44647.3	1.6	10.414	69	i4	64	40318.5	1.1	10.545	67	i3	22	45715.9	2.3	9.236	84	a3	13
44968.5	1.5	10.423	47	i3	98	40532.2	3.6	9.253	117	a5	31	45762.0	0.9	10.293	48	i3	9
45286.8	1.6	10.687	39	i3	78	40608.7	1.7	10.251	127	i4	16	45832.5	1.2	9.307	58	a5	14
45627.6	1.7	10.595	50	i3	74	41377.4	6.1	9.286	80	a3	17	45954.8	1.7	10.547	86	i5	7
45950.3	2.5	10.982	96	i3	32	41672.7	2.7	10.200	104	i4	12	45998.9	1.1	9.147	62	a6	10
46422.6	1.8	8.267	32	a3	128	41727.8	1.6	9.241	60	a5	12	46044.5	0.9	10.356	45	i5	15
46740.3	1.3	8.211	26	a3	114	42071.2	0.5	10.368	38	i3	8	46095.6	1.5	9.325	40	a3	21
47056.9	4.2	8.538	34	a3	101	42128.3	3.9	9.281	75	a3	23	46153.8	0.8	10.871	42	i3	9
47554.9	0.9	10.590	39	i3	109	42303.6	2.0	9.378	57	a3	9	46294.5	0.8	9.520	24	a3	7
47879.6	1.0	10.431	34	i3	119	42368.6	1.4	10.056	21	i4	28	46331.6	0.8	10.295	50	i3	8
48207.8	1.6	10.366	35	i3	84	42406.9	1.7	9.209	35	a3	41	46373.3	1.9	9.514	41	a3	14
48319.8	2.2	8.086	63	a4	28	42464.2	0.7	10.962	41	i3	36	46419.3	1.2	10.102	40	i3	12
48537.2	1.7	10.692	60	i3	63	42510.0	1.5	9.195	73	a3	23	46476.1	1.6	9.382	38	a3	17

Table 5 (continued).

t_e	σ_t	m	σ_m	type	n	t_e	σ_t	m	σ_m	type	n	t_e	σ_t	m	σ_m	type	n
46521.9	1.1	9.925	34	i5	14	51159.8	1.5	9.466	52	a3	27	49756.6	1.7	9.152	61	a5	66
46564.0	0.9	9.301	32	a6	9	51211.5	1.2	10.575	86	i5	25	50014.7	2.9	10.358	57	i6	39
46710.0	1.0	10.570	71	i5	12	51254.6	0.7	9.519	22	a3	37	50108.9	1.4	9.228	52	a6	64
46763.8	1.8	9.558	34	a3	20	51585.0	1.9	9.978	66	i3	26	50310.9	4.2	9.498	144	a4	9
46812.8	0.7	10.393	51	i5	17	Aur RS						50356.2	2.5	10.302	97	i4	28
46866.3	1.9	9.498	29	a3	21	28893.3	2.5	9.525	87	a6	17	50494.0	3.9	9.676	65	a5	49
47052.7	1.0	9.373	41	a3	7	28973.8	6.5	10.903	122	i3	17	50533.2	1.3	10.806	64	i3	25
47104.1	0.9	10.328	45	i3	9	29626.3	0.4	10.781	43	i6	7	50791.9	3.9	9.568	43	a3	72
47139.9	1.4	9.313	64	a6	11	36581.4	1.4	10.362	47	i3	14	50871.9	2.1	10.345	57	i3	47
47196.9	1.0	10.463	48	i3	13	36643.8	4.7	9.778	37	a3	23	50928.0	2.4	9.275	53	a3	32
47244.2	1.7	9.297	72	a3	15	36928.8	2.0	10.590	60	i3	20	51474.5	2.9	9.258	71	a3	27
47517.1	2.8	9.504	55	a3	14	36991.8	1.1	9.429	59	a3	15	51566.4	1.9	10.555	54	i3	38
47576.6	1.8	10.654	96	i3	21	37993.7	2.7	9.901	81	a6	23	Aur S					
47636.4	3.0	9.400	81	a3	19	38369.4	1.9	9.198	115	a5	12	35148.4	1.3	12.512	56	i6	7
47829.4	1.8	9.412	80	a6	9	42800.2	2.7	10.912	126	i6	30	45507.1	3.6	10.387	81	a3	23
47862.0	1.1	10.765	62	i3	12	43148.0	2.4	11.000	95	i6	26	45789.0	10.8	11.819	80	i3	30
47906.6	1.2	9.230	58	a3	22	43214.6	1.1	9.389	31	a4	21	46119.5	6.9	10.434	100	a3	37
47963.0	1.9	10.764	73	i3	20	43478.8	1.1	11.588	97	i5	22	46365.3	8.2	12.147	57	i3	58
48299.1	3.1	9.419	49	a4	22	43572.7	3.0	9.503	69	a5	36	46718.5	11.2	10.791	78	a4	41
48323.5	3.1	9.911	60	i6	17	43764.1	3.9	10.143	97	a3	11	47036.4	6.3	12.255	58	i3	78
48570.9	1.3	10.407	38	i3	7	43857.8	2.3	11.536	100	i4	17	47422.6	7.6	11.341	134	a5	39
48606.6	6.3	9.354	44	a3	13	43935.1	2.2	9.869	68	a3	12	47564.7	5.5	12.979	91	i6	29
48666.1	1.2	10.313	66	i3	13	44243.1	1.7	9.556	89	a4	13	47951.6	7.1	10.464	71	a3	46
48715.3	1.8	9.303	72	a3	13	44348.7	2.5	11.649	126	i5	13	48156.5	5.2	12.780	202	i5	8
48898.2	3.1	9.288	99	a3	11	44586.4	3.8	9.874	118	a5	21	49686.3	3.5	11.120	59	a3	34
48952.6	2.7	10.199	100	i3	9	44662.4	2.3	11.276	88	i6	13	50271.6	3.1	11.567	66	a3	28
48996.7	2.6	9.316	107	a3	12	44932.0	2.2	9.858	88	a3	9	50510.2	4.2	13.169	30	i3	47
49050.2	1.9	10.605	96	i5	16	44983.6	2.3	10.700	63	i3	11	50805.3	4.9	11.735	34	a3	71
49097.5	0.6	9.413	35	a5	11	45038.2	2.2	10.976	111	i5	16	51062.7	6.3	12.932	64	i3	30
49287.9	1.5	9.213	91	a3	7	45265.0	4.1	9.813	119	a3	11	51398.5	7.3	11.691	64	a3	57
49334.2	0.5	10.830	21	i6	8	45352.7	4.5	11.122	131	i3	15	Aur UU					
49376.1	3.0	9.355	73	a3	33	45436.8	1.7	9.768	62	a3	16	31389.9	0.2	6.186	15	a6	7
49424.2	1.9	10.168	63	i3	21	45711.3	1.7	11.320	82	i4	17	31839.7	0.7	6.550	30	i4	5
49603.7	0.6	10.333	22	i4	6	45768.9	2.3	9.751	46	a4	35	40612.5	6.3	6.034	50	i4	25
49657.2	2.4	9.508	53	a5	10	46109.9	3.1	9.655	122	a5	23	40952.6	2.8	5.469	39	a6	22
49698.4	1.8	10.831	88	i4	23	46342.4	1.1	10.813	43	i3	10	41306.3	3.4	5.915	37	i3	29
49730.7	0.7	9.575	450	a6	12	46467.5	3.5	9.747	98	a5	18	41410.2	4.2	5.461	27	a3	14
49791.5	1.4	10.085	44	i3	8	46513.6	4.8	10.641	176	i6	15	42015.0	3.4	6.672	63	i3	24
49847.1	0.6	9.286	17	a5	9	46860.6	3.2	10.230	41	i3	15	42143.1	4.6	5.494	123	a6	16
49989.4	1.7	10.517	124	i5	13	46896.9	2.5	9.762	116	a6	16	42341.7	7.1	5.517	72	a3	10
50025.4	2.0	9.550	71	a3	13	47149.3	2.7	9.702	48	a3	27	42451.1	4.8	6.300	83	i3	18
50058.1	1.9	10.144	85	i3	16	47806.5	6.7	10.063	59	i3	34	43087.2	1.5	6.381	308	i6	10
50170.3	0.8	11.241	83	i3	19	47906.7	2.6	9.405	38	a3	70	43218.8	2.4	5.335	32	a4	20
50347.1	2.3	10.720	83	i3	19	48221.1	1.6	9.040	45	a6	71	44076.9	5.2	5.441	46	a3	97
50404.9	0.9	9.540	107	a6	11	48333.4	1.8	10.252	64	i4	42	44294.5	1.3	6.632	44	i3	46
50437.1	1.7	10.705	113	i6	18	48585.0	4.0	9.213	62	a3	43	44551.6	9.4	5.523	28	a3	141
50493.7	2.3	9.502	56	a3	28	48672.9	3.2	9.903	41	i3	48	45225.7	3.6	6.381	104	i3	18
50546.0	1.5	10.966	87	i3	18	49039.7	2.7	9.957	42	i6	71	45341.3	4.2	5.353	25	a4	147
50733.7	1.2	10.214	59	i4	27	49262.8	3.4	9.092	74	a5	20	45515.1	3.5	6.230	175	i5	21
50771.0	2.0	9.388	78	a4	21	49372.7	1.6	10.250	54	i5	35	45550.0	1.5	5.222	387	a6	27
50825.1	2.4	10.469	104	i3	11	49432.6	2.4	9.296	39	a3	41	45701.0	2.5	5.945	63	i6	58
50875.5	4.1	9.574	82	a3	22	49714.9	2.4	10.274	45	i5	46	45790.7	6.2	5.337	17	a3	158

Table 5 (continued).

t_e	σ_t	m	σ_m	type	n	t_e	σ_t	m	σ_m	type	n	t_e	σ_t	m	σ_m	type	n
45966.6	20.5	5.739	33	i5	236	41342.1	0.5	11.249	212	i6	11	49784.9	2.0	11.083	52	i3	40
46338.9	3.1	5.405	28	a3	118	41709.1	4.5	9.441	206	a5	9	49847.6	2.0	9.861	41	a3	31
46911.2	4.5	6.065	34	i6	154	43793.5	2.1	9.771	90	a5	7	49958.6	1.2	9.619	86	a3	16
47127.5	9.4	5.407	22	a6	280	43861.5	2.8	11.042	102	i3	11	50015.5	1.6	10.939	63	i3	22
47543.3	4.8	5.436	15	a3	329	43909.9	5.8	10.119	187	a6	17	50062.3	1.2	9.580	104	a3	10
47839.2	3.6	6.052	34	i4	92	44159.8	3.2	9.959	136	a6	15	50112.3	1.0	11.055	39	i3	24
47959.9	3.9	5.381	14	a4	254	44248.1	2.5	10.969	139	i6	11	50173.1	1.6	10.056	45	a3	35
48258.8	3.3	5.945	30	i3	100	44315.6	2.9	10.124	107	a3	12	50339.2	0.6	11.612	65	i3	20
48378.7	5.0	5.454	18	a4	200	44533.2	2.0	11.705	85	i3	8	50380.7	1.6	9.713	121	a4	18
49535.0	5.8	6.183	44	i3	128	44584.8	12.8	10.038	91	a3	15	50453.3	2.4	11.041	98	i6	25
49754.7	6.3	5.463	12	a3	225	44671.7	2.5	11.589	113	i3	11	50504.7	1.2	9.720	56	a3	47
50192.4	5.1	5.514	14	a3	174	44719.1	2.1	10.151	149	a6	10	50563.2	0.9	11.485	58	i3	23
50392.4	3.2	6.180	39	i3	65	44870.8	1.8	9.883	147	a3	5	50686.4	1.5	12.067	61	i3	22
50785.0	3.6	5.633	28	a4	134	44949.0	1.6	12.075	86	i3	10	50750.0	0.9	9.821	54	a3	45
50865.5	1.5	6.210	35	i3	88	45012.9	2.1	9.778	87	a4	23	50795.1	0.9	11.207	61	i3	22
50985.0	8.1	5.796	63	a3	41	45264.2	0.4	9.877	24	a6	7	50848.9	1.3	9.804	47	a3	38
51121.5	4.2	6.138	56	i6	60	45355.2	0.8	11.567	56	i3	10	50911.7	2.9	10.854	62	i3	26
Aur Z						45416.8	1.9	10.233	60	a3	10	51074.6	2.1	9.630	97	a3	25
24969.0	1.8	10.738	75	i6	9	45643.3	3.2	10.164	156	a3	7	51133.4	1.1	11.373	53	i3	35
25253.3	0.8	9.223	537	a6	7	45670.6	0.3	10.988	14	i6	7	51190.2	0.7	9.757	35	a3	64
25292.2	1.7	10.875	59	i3	15	45723.9	4.6	10.111	146	a3	12	51236.0	2.1	10.734	54	i3	70
25574.2	1.8	9.956	124	a4	8	45791.0	2.0	11.282	65	i3	16	51290.4	1.2	9.779	53	a4	47
25633.3	2.0	10.775	37	i3	15	45971.3	1.5	10.012	61	a3	12	51337.1	0.5	12.036	275	i5	6
25683.3	1.2	9.897	69	a4	21	46032.2	0.4	11.460	24	i3	10	51398.5	1.7	9.813	48	a5	39
25921.8	3.3	10.196	97	a3	10	46098.1	4.0	9.915	118	a3	21	51462.0	1.0	11.438	71	i3	14
25968.1	2.4	11.011	198	i6	7	46156.1	1.2	11.179	55	i3	18	51516.5	1.2	9.604	46	a3	43
26017.5	3.8	9.918	231	a5	11	46348.6	1.9	9.951	64	a3	12	51578.0	0.8	11.259	52	i3	52
26140.3	1.7	9.680	77	a3	5	46711.9	0.7	11.659	33	i3	11	Boo RV					
26417.2	1.1	10.843	50	i3	8	46771.4	2.5	9.786	92	a4	18	45066.6	1.9	8.803	121	i4	8
27071.0	0.8	11.366	49	i6	8	46836.0	1.1	11.570	57	i3	17	46229.1	7.6	8.289	115	a3	7
27109.5	0.8	10.169	38	a6	14	46898.1	2.6	9.802	116	a3	22	46576.0	2.1	8.814	30	i4	6
27384.9	3.2	9.556	645	a5	8	47079.4	1.1	11.048	60	i3	5	46768.1	33.5	8.450	253	i3	11
27440.2	2.4	11.669	287	i5	6	47273.2	1.9	11.119	69	i6	16	47853.7	1.9	9.432	64	i5	11
27509.1	3.8	10.052	117	a3	8	47457.8	1.4	9.847	48	a3	9	48081.5	5.0	8.369	51	a6	40
27761.6	2.5	9.915	197	a5	21	47525.5	1.2	11.141	45	i3	7	48127.9	2.4	8.824	58	i3	13
28843.8	2.6	9.907	112	a3	13	47590.1	3.0	9.972	109	a3	18	48218.5	3.4	8.170	56	a3	12
28903.5	0.7	11.363	44	i3	13	47871.7	5.3	10.100	97	a3	21	48292.1	2.7	8.929	126	i6	14
28967.8	0.8	9.680	40	a3	30	47942.8	1.8	11.052	80	i3	20	48481.8	5.6	8.106	53	a5	37
29029.5	1.1	10.871	29	i3	19	47988.6	1.3	10.013	89	a5	26	48654.1	9.9	8.596	48	i3	16
29249.8	1.6	10.944	36	i3	10	48194.3	1.1	11.411	172	i6	9	49097.7	6.9	8.835	47	i6	30
29331.8	4.0	9.570	195	a5	10	48250.6	4.1	9.655	262	a6	17	49222.9	6.1	8.363	39	a6	39
29380.3	1.8	10.621	85	i3	9	48311.4	4.0	10.772	169	i4	17	49325.8	1.9	8.041	314	a6	14
30423.8	1.3	9.407	134	a5	6	48524.4	3.4	11.323	113	i3	9	49501.3	11.4	8.670	28	i3	42
32602.5	3.2	10.205	117	a3	11	48595.0	2.0	9.943	103	a3	18	49853.1	5.8	8.660	27	i3	43
32651.8	2.3	11.068	73	i3	18	48641.7	1.7	11.246	125	i3	16	49962.4	4.0	8.246	76	a5	21
37745.6	1.9	9.497	85	a3	11	48703.8	3.6	9.214	621	a5	11	50168.2	3.8	8.818	88	i6	16
37960.4	2.8	10.826	55	i3	15	48932.8	2.8	9.888	171	a5	11	50227.5	5.5	8.227	64	i5	49
38043.4	2.9	9.680	86	a3	18	49023.2	4.0	10.120	89	a3	23	50626.0	9.3	8.330	34	a3	48
38365.4	1.2	11.099	36	i4	10	49375.4	5.5	10.096	300	a6	15	50723.1	2.7	8.842	24	i4	39
39799.2	1.8	11.001	40	i5	10	49588.9	0.1	9.149	175	a5	6	50856.7	17.4	8.353	41	a3	35
39851.4	3.2	10.261	108	a3	8	49662.0	1.1	11.391	91	i3	13	Boo RW					
39904.0	1.1	11.344	91	i6	7	49722.4	0.9	9.942	63	a3	15	29796.8	3.3	7.355	96	i3	7

Table 5 (continued).

t_e	σ_t	m	σ_m	type	n	t_e	σ_t	m	σ_m	type	n	t_e	σ_t	m	σ_m	type	n
29892.2	1.7	6.387	301	a5	6	45843.8	0.7	11.717	22	i5	6	39689.6	2.5	10.790	33	i4	22
47607.8	6.5	7.848	38	a3	37	45873.9	1.7	10.772	102	a6	11	39746.8	1.2	9.912	43	a4	19
47752.8	4.9	8.570	30	i3	31	46917.4	1.0	10.513	34	a3	16	39871.9	2.0	10.800	35	i4	13
47923.5	4.3	7.707	76	a5	15	47055.4	2.6	11.546	53	i5	27	39967.7	1.7	9.869	24	a6	26
48156.9	9.9	8.384	51	i3	29	47109.9	1.9	10.426	172	a3	5	40102.5	1.8	10.585	34	i5	36
48377.5	11.7	7.899	23	a3	70	47193.8	2.5	11.963	110	i3	6	40177.0	1.8	9.767	29	a3	22
48632.7	3.8	8.491	39	i6	11	47290.4	3.9	10.580	54	a3	30	40231.8	1.5	10.440	81	i6	25
48776.8	10.2	7.918	30	a3	43	47390.1	1.0	12.236	58	i3	13	40391.6	1.3	9.773	32	a3	16
48980.7	4.7	8.603	44	i3	23	47484.2	2.1	10.229	125	a3	10	40465.9	3.4	10.504	31	i6	38
49171.8	9.8	8.036	36	a3	49	47592.8	2.0	12.197	80	i3	11	40599.7	1.5	9.780	30	a4	5
49358.2	8.0	8.428	61	i3	21	47704.9	2.8	10.651	86	a6	21	40695.9	3.0	9.990	37	a3	10
49547.9	9.0	7.919	32	a3	60	47982.0	1.5	11.926	53	i4	22	40759.0	2.0	10.568	37	i5	8
49739.1	3.2	8.667	31	i3	18	48067.3	3.0	10.597	51	a3	39	43201.0	2.5	11.258	121	i3	5
50007.8	7.3	7.880	50	a6	48	48149.6	2.0	11.948	111	i5	7	44276.8	2.4	10.597	27	i3	11
50214.9	3.5	8.623	30	i6	23	48287.9	1.5	10.856	38	a3	9	44551.8	2.3	10.672	54	i4	5
50428.3	20.1	8.103	71	a6	42	48358.9	1.7	11.793	65	i3	9	44625.5	3.4	10.048	34	a5	8
50627.1	6.2	8.454	21	i3	67	48410.2	4.4	10.291	221	a6	9	44689.1	4.4	10.342	53	i3	5
50842.9	4.7	7.920	28	a3	44	48715.5	4.7	10.627	104	a4	12	44738.1	0.1	10.072	1	a4	5
51013.4	2.8	8.482	23	i3	85	48797.0	5.3	12.269	229	i3	8	44804.7	4.6	9.785	158	a5	6
Boo RX						49200.8	1.6	12.262	78	i3	10	44920.2	3.0	10.348	33	i3	6
25347.5	4.2	7.841	46	a3	16	49296.7	3.0	9.951	206	a3	7	45070.2	3.5	9.882	14	a6	8
25436.3	21.3	8.325	64	i6	17	49393.5	1.5	12.233	164	i3	8	45273.9	3.4	10.087	14	a3	8
25748.1	2.4	7.782	33	a4	18	49489.9	4.2	10.499	74	a3	29	45393.2	2.0	10.492	17	i4	6
26133.4	6.2	8.266	69	i6	38	49806.0	1.7	12.551	94	i3	21	45461.0	2.5	9.889	38	a3	5
26348.4	3.9	7.114	70	a3	26	49913.4	1.5	10.033	68	a5	35	50353.8	2.9	10.592	53	a3	6
29341.9	27.1	7.609	44	a5	69	50111.8	2.1	10.912	52	a3	10	50408.2	0.4	11.131	17	i5	7
29531.0	7.4	7.836	18	i3	49	50196.4	2.9	12.161	64	i3	30	50468.8	2.4	10.224	71	a3	6
29764.0	5.3	7.453	56	a4	37	50310.7	4.1	10.574	58	a3	40	50532.0	1.3	11.451	29	i4	6
29874.1	7.1	8.096	106	i5	17	50527.3	3.2	10.792	69	a6	29	50609.5	2.8	10.456	52	a3	5
30500.8	5.8	7.135	33	a6	19	50605.8	1.9	12.405	78	i3	25	Cam RS					
Boo RZ						50737.0	4.6	10.684	92	a4	21	29574.1	1.8	8.481	78	a6	13
45450.9	1.9	10.785	63	a3	7	50819.2	2.2	12.649	123	i5	19	29619.8	1.4	9.019	32	i4	11
45837.8	1.7	10.801	72	a6	18	50931.9	1.8	10.362	61	a3	30	29676.9	2.3	8.471	76	a6	15
46925.0	1.7	10.672	41	a3	41	51030.7	2.2	12.442	139	i3	14	30067.4	1.1	9.601	78	i3	6
47019.2	2.9	11.742	42	i3	39	51132.4	1.6	10.359	82	a3	21	30109.4	1.4	8.292	71	a3	7
47328.9	2.1	10.771	38	a3	37	51214.5	2.3	12.576	176	i6	36	30155.2	1.0	9.060	42	i3	7
47423.0	2.3	11.548	35	i3	17	51338.1	1.4	10.595	53	a3	64	30283.1	0.8	8.320	40	a3	9
47655.3	2.9	12.448	155	i3	8	51432.6	1.6	12.586	49	i3	24	30357.7	1.6	8.705	84	a3	6
48020.5	2.1	10.802	58	a6	14	Boo WY						30788.9	1.2	10.135	169	i4	5
50239.5	2.2	12.239	81	i3	8	46572.6	1.7	11.846	65	i5	21	43901.8	5.2	8.442	46	a5	8
Boo U						46938.5	2.5	11.081	37	i3	34	44022.6	4.7	9.101	57	i5	13
28524.9	2.8	10.068	72	a6	16	47003.2	2.3	10.545	48	a6	33	44312.6	3.8	8.409	48	a4	10
28672.3	2.0	12.419	75	i4	11	47664.4	0.3	10.267	21	a5	6	44452.8	8.5	8.727	92	a5	14
44680.7	5.5	10.931	102	a3	12	Cae T						44604.8	5.7	8.343	94	a3	12
44771.9	2.1	12.035	95	i3	6	45386.8	1.2	8.257	72	i3	5	44848.6	4.2	9.179	83	i6	17
44871.0	3.1	10.984	33	a3	9	45930.0	12.4	7.846	33	a3	11	44986.3	1.9	8.932	38	i6	7
44982.1	0.6	12.070	30	i5	6	46116.9	6.2	8.207	74	i5	7	45069.9	3.7	8.447	43	a3	11
45089.1	2.7	10.391	102	a6	12	Cam RR						45214.6	2.6	8.379	36	a4	5
45378.1	1.0	11.874	49	i3	7	38320.4	1.3	10.550	42	i6	12	45291.7	3.7	8.811	44	i3	7
45442.0	0.7	9.413	567	a6	11	39287.4	2.6	9.911	41	a5	20	45396.3	6.4	8.288	64	a3	11
45560.0	1.5	11.612	31	i5	11	39384.6	1.8	10.573	31	i4	20	46181.5	1.5	8.163	98	a3	5
45779.1	2.6	10.863	33	a6	11	39544.7	1.3	9.860	14	a3	23	46273.2	2.0	8.075	208	a4	5

Table 5 (continued).

t_e	σ_t	m	σ_m	type	n	t_e	σ_t	m	σ_m	type	n	t_e	σ_t	m	σ_m	type	n
47329.7	2.3	8.027	75	a3	7	30040.1	0.3	7.854	121	a6	7	28863.6	5.1	7.564	27	i4	30
47579.6	1.4	9.110	55	i4	16	39517.7	1.6	7.789	89	a3	13	29029.6	3.7	7.160	28	a4	50
47616.9	1.6	8.302	82	a6	16	39866.3	1.5	9.503	45	i4	12	29098.0	3.8	7.515	25	i6	49
47704.6	3.1	9.344	33	i3	30	40537.5	1.2	9.645	86	i3	9	42928.2	1.9	7.164	41	a6	26
47806.6	1.8	8.128	119	a5	15	40591.8	1.4	7.979	64	a6	17	43040.3	2.4	7.839	22	i3	17
47851.7	1.8	9.481	98	i3	14	43891.2	4.5	9.110	69	i4	6	43173.5	3.0	7.204	21	a3	34
47897.7	1.4	7.959	60	a4	15	43999.6	0.1	8.076	3	a4	5	43436.9	2.9	7.575	35	i3	25
47955.0	1.5	8.946	78	i3	14	45590.3	2.0	8.084	52	a3	9	43567.1	2.1	6.955	55	a6	19
47985.7	2.1	8.157	120	a4	10	45656.1	4.0	8.629	164	i5	9	44212.1	3.8	7.822	34	i3	32
48031.1	1.5	9.594	75	i3	14	45720.4	2.1	7.981	51	a3	6	44351.2	3.4	7.274	18	a3	15
48086.9	1.3	8.167	56	a3	14	45788.9	3.3	8.731	78	i5	10	44523.4	1.5	7.845	35	i6	20
48254.0	1.4	7.684	63	a3	16	45985.2	2.9	8.092	50	a3	7	44567.0	1.5	7.013	74	a6	11
48317.5	1.6	8.859	42	i4	14	46083.5	2.5	8.563	44	i5	11	44887.4	5.7	7.630	48	i3	46
48484.2	1.4	9.536	131	i4	15	46117.3	1.6	7.844	87	a5	8	45127.6	1.3	6.809	27	a5	119
48534.4	1.2	7.635	82	a6	14	48193.8	2.7	8.716	71	i6	24	45305.4	3.6	7.112	56	a6	38
48577.1	2.5	9.083	254	i6	12	48527.6	2.6	8.164	61	a4	23	45459.0	3.8	7.544	83	i5	9
48614.6	0.8	7.464	70	a3	12	48625.8	3.3	8.797	55	i5	13	45526.0	8.2	7.177	31	a3	30
48657.0	0.9	9.401	63	i3	8	48896.0	2.9	8.829	79	i3	14	45645.0	2.2	7.668	29	i3	59
48693.6	1.2	7.678	112	a4	13	48965.5	1.6	8.003	147	a5	20	45737.1	3.2	7.004	50	a6	59
48750.1	1.5	9.418	94	i3	13	49018.4	1.6	8.805	71	i6	25	45913.9	4.5	7.091	53	a6	47
48789.6	2.0	8.339	59	a3	8	49156.8	5.5	8.678	169	i3	6	46070.2	3.3	7.796	40	i4	71
48900.0	1.5	8.208	172	a6	9	49222.6	4.5	8.191	62	a3	18	46143.6	6.4	7.090	39	a5	72
48933.5	0.7	9.256	73	i6	10	49356.5	2.5	8.109	61	a3	12	46270.4	4.2	7.539	40	i4	47
48978.9	1.2	7.923	106	a6	9	49420.5	1.7	8.805	41	i3	23	46373.1	4.0	7.077	46	a3	48
49247.9	2.5	7.881	83	a3	15	49643.9	1.3	8.225	40	a4	24	46459.9	3.5	7.567	32	i3	26
49298.0	0.8	9.520	34	i6	7	49708.3	1.3	9.020	161	i4	17	46584.2	3.3	6.854	41	a6	73
49341.9	1.3	7.705	114	a3	7	49762.7	1.8	8.107	44	a3	24	46699.9	5.4	7.501	26	i3	89
49382.4	1.0	9.190	75	i3	7	49872.5	3.1	9.048	114	i4	15	46804.9	10.3	7.138	40	a5	130
49423.1	2.6	7.878	109	a4	10	49964.4	1.9	7.943	258	a5	18	47118.6	3.0	7.957	69	i6	47
49471.8	0.6	9.665	47	i3	8	50027.4	1.0	7.823	213	a6	10	47260.3	6.0	7.185	23	a3	119
49512.2	0.8	7.766	28	a4	11	50108.1	2.7	8.833	38	i3	18	47481.6	2.3	7.980	37	i3	43
49559.3	2.5	8.902	177	i3	6	50187.2	0.9	7.813	83	a6	11	47614.3	2.0	7.062	33	a3	51
49599.2	1.2	7.935	73	a3	6	50249.4	0.4	9.024	11	i3	5	47904.3	2.9	7.717	41	a6	103
49882.4	2.6	8.284	98	a4	19	50318.3	2.1	8.377	31	a3	10	47992.6	2.9	7.011	32	a3	57
49935.7	2.4	9.218	84	i3	14	50765.7	5.0	8.882	55	i3	15	48070.2	3.2	7.588	61	i4	31
50030.1	6.4	8.266	77	a3	19	50882.5	2.0	8.114	62	a4	14	48211.7	3.3	6.817	36	a3	57
50114.5	1.5	9.072	54	i3	7	50929.2	1.1	8.801	50	i3	5	48288.1	1.1	7.628	67	i5	46
50167.5	1.6	8.027	51	a6	18	51088.0	1.9	8.953	144	i6	16	48407.8	1.9	6.858	40	a3	23
50292.3	2.5	9.054	108	i6	13	51132.1	1.3	7.888	76	a6	11	48504.6	4.5	7.520	26	i3	55
50496.5	2.3	8.576	49	a3	8	51219.4	8.1	8.701	97	i5	17	48577.6	1.6	6.904	92	a6	26
50675.3	3.6	8.370	111	a3	12	Cam ST						48960.5	10.6	7.722	29	i5	113
50730.1	5.6	9.188	149	i4	13	25373.7	2.2	6.992	34	a3	35	49145.7	3.3	7.066	59	a4	59
50899.8	3.0	9.641	201	i6	9	25512.1	2.2	7.632	75	i4	28	49326.7	2.1	8.065	38	i3	46
50960.8	0.7	8.548	34	a3	7	25573.8	2.6	6.993	117	a4	7	49538.7	2.7	6.626	84	a6	57
51026.1	1.8	8.124	171	a5	8	25878.1	1.1	7.585	19	i3	20	49693.5	8.6	7.447	30	i3	79
51257.2	1.0	9.365	72	i4	6	26284.8	12.5	7.066	18	a5	127	50367.0	2.9	6.678	122	a4	17
51353.2	4.7	8.180	77	a3	15	26420.5	5.9	7.363	27	i5	36	50611.3	4.5	7.044	77	a5	31
51455.2	0.1	9.046	7	i6	7	26636.9	12.9	7.099	30	i6	65	50667.3	4.7	7.515	63	i4	26
51493.9	2.9	8.163	91	a5	6	27747.2	2.5	7.723	36	i6	34	50748.9	2.6	7.034	55	a3	35
Cam RY						28014.9	6.5	7.172	32	a6	36	50870.9	3.3	7.837	39	i6	78
29627.8	3.4	8.089	135	a6	7	28069.7	2.1	7.699	24	i6	45	50992.2	4.0	7.218	39	a5	57
29689.8	3.4	9.108	90	i3	10	28318.4	3.4	7.322	24	a3	25	51085.4	3.9	7.601	39	i3	38

Table 5 (continued).

t_e	σ_t	m	σ_m	type	n	t_e	σ_t	m	σ_m	type	n	t_e	σ_t	m	σ_m	type	n
51144.8	3.0	7.316	36	a3	34	27645.2	3.3	8.635	90	i3	11	48179.5	10.2	9.948	77	a6	13
51185.7	2.6	7.612	46	a6	73	28012.3	1.8	8.397	27	i6	31	49266.0	0.4	9.660	33	a6	7
51345.8	1.9	6.916	62	a5	34	29153.8	3.5	7.983	35	i6	32	49633.3	4.6	9.988	34	a3	14
Cam U						29328.4	2.3	6.702	74	a3	12	49981.6	9.3	10.000	39	a3	20
24050.1	4.5	8.805	155	i3	12	33937.5	5.4	7.778	68	i3	8	50342.6	11.9	10.785	17	i3	53
24153.8	4.3	7.514	73	a3	15	45301.2	4.0	7.191	228	a5	12	Cas V393					
24213.2	2.9	8.366	157	i5	9	47063.5	3.6	8.319	57	i4	35	50811.8	3.6	7.327	64	a4	10
24332.7	1.6	7.413	163	a6	58	47484.2	1.9	8.353	86	i6	27	50886.0	4.6	7.613	36	i5	14
24456.2	4.1	7.899	24	i4	65	Cas SV						51018.1	2.4	7.253	57	a6	8
24717.1	5.4	8.144	30	i3	103	29372.5	1.3	7.364	45	a3	10	51031.0	0.0	7.701	1	i4	5
24844.2	2.5	7.630	27	a3	69	29622.5	1.8	8.431	35	a3	16	51067.7	0.8	6.732	271	a5	6
24936.9	6.4	8.003	30	i4	86	33596.7	1.1	9.632	34	i3	28	51191.8	2.9	7.623	43	i5	10
25067.7	1.8	7.614	42	a6	62	34271.0	1.4	7.033	77	a3	9	51286.1	7.0	7.165	118	a4	5
25165.5	5.3	8.097	27	i3	98	35855.5	1.6	7.413	51	a3	23	51349.7	6.0	7.758	69	i5	19
25780.5	1.8	7.680	43	a5	51	36146.2	1.2	7.871	51	a3	22	Cas V465					
25929.2	9.1	8.473	34	i3	161	36553.4	1.7	10.228	70	i4	21	43975.1	2.0	8.111	108	i5	6
26148.4	4.4	7.865	45	a3	56	36910.2	1.6	8.090	50	a4	28	44474.3	11.9	6.561	36	a6	77
26516.5	10.6	8.077	39	a4	104	37239.0	2.2	8.508	30	a3	17	44800.8	9.3	7.432	94	i3	20
26745.5	6.5	8.707	49	i3	49	37473.5	3.2	8.492	60	a3	17	45377.1	17.8	6.621	24	a3	182
26956.7	8.4	8.006	24	a6	67	37657.3	1.6	11.456	189	i3	10	46365.1	9.3	6.555	15	a4	216
27191.1	4.6	8.593	37	i3	32	38398.5	2.2	9.328	100	i5	10	46761.1	12.2	7.259	28	i3	36
35496.9	3.3	8.278	22	a3	34	39032.4	3.6	7.891	85	a3	10	47248.1	6.9	6.286	25	a4	86
37024.1	1.2	8.046	20	a4	15	39464.8	2.1	9.616	57	i5	11	49468.8	7.2	7.125	52	i4	25
37687.9	3.6	7.586	77	a3	9	39840.5	1.0	7.055	42	a5	18	49735.4	9.6	6.536	40	i5	92
37950.9	3.1	7.370	73	a3	15	40115.1	0.9	8.243	50	a4	9	Cas WZ					
38100.4	2.1	8.534	103	i5	16	46143.0	2.2	6.940	137	a3	13	38331.2	1.6	7.746	84	i5	6
38330.9	2.7	7.822	87	a6	15	46280.2	2.1	9.499	56	i3	18	41810.3	7.2	8.418	257	i3	13
38432.3	2.0	10.107	548	i5	6	46359.8	2.2	8.318	68	a5	12	41934.8	3.7	7.046	91	a5	49
42301.2	9.7	7.506	42	a3	36	46770.2	1.3	9.165	45	i4	18	42521.0	2.8	7.811	122	i5	31
42467.3	3.7	8.276	80	i6	30	46838.9	3.7	8.309	63	a6	13	42633.0	3.2	6.775	40	a6	138
42848.9	4.1	8.899	98	i4	15	46979.9	3.6	9.678	143	i3	10	42873.1	2.7	8.012	92	i5	9
42933.4	1.9	7.558	13	a5	6	47108.0	1.6	7.398	47	a3	21	43275.0	1.9	8.602	63	i5	6
45716.5	4.5	8.804	63	i6	34	47226.2	0.8	9.764	124	i4	5	43638.8	2.1	8.109	58	i3	7
45825.6	4.5	8.048	33	a3	31	47300.8	3.9	8.876	42	a3	10	43810.8	4.3	7.294	26	a3	32
45949.0	5.9	8.812	71	i3	21	47933.0	3.4	9.417	34	i5	29	44005.6	5.3	7.781	37	i3	10
47232.6	6.2	8.849	44	i3	44	48067.3	2.1	7.749	45	a3	19	44224.6	8.2	7.029	34	a3	33
47371.9	4.8	8.080	170	a6	17	48526.1	2.7	7.765	38	a3	29	44739.2	1.1	7.872	64	i6	9
47415.8	4.4	8.620	74	i3	24	48754.2	4.5	9.269	65	i3	48	44867.9	7.3	6.756	67	a3	16
47547.4	4.0	7.721	37	a3	77	48984.0	5.1	7.900	42	a3	48	44959.7	2.5	7.559	40	i4	12
47680.2	14.4	8.381	42	i3	28	49217.4	1.6	9.598	26	i3	38	45041.9	1.1	6.699	179	a6	7
47784.3	4.8	8.040	42	a3	47	49424.4	4.1	7.929	54	a3	51	45158.8	4.0	7.767	119	i5	7
47861.4	4.3	8.449	43	i6	47	49728.4	2.8	9.777	84	i5	64	45245.5	3.7	6.954	72	a6	9
47989.4	6.1	7.887	71	a6	65	49869.6	7.2	7.847	76	a4	34	45329.4	1.7	7.699	22	i3	10
48123.4	10.0	8.345	31	i3	80	50110.7	5.9	9.338	49	i3	49	45591.5	2.3	7.071	36	a3	11
48414.7	7.1	7.823	42	a4	117	50354.3	2.6	7.098	46	a3	57	45665.3	0.8	7.695	23	i3	8
48560.6	7.2	8.248	27	i3	86	50600.4	3.3	9.475	126	i3	30	45762.1	4.4	6.953	53	a6	15
48700.5	3.5	7.760	45	a3	41	50796.8	1.6	7.198	41	a3	51	45921.4	3.2	7.573	31	i6	13
49685.8	9.4	8.502	27	i3	75	51250.1	2.4	7.046	92	a3	30	45981.9	2.1	7.098	31	a3	13
49826.9	4.0	7.969	48	a5	39	51330.0	0.8	10.115	800	i6	15	46043.5	3.4	7.671	163	i4	15
50098.0	3.8	8.668	31	i3	48	Cas UX						46117.2	3.5	7.017	82	a3	11
50230.8	8.7	8.121	44	a4	45	47902.2	6.9	10.484	71	i4	11	46238.1	4.2	7.798	44	i3	14
Cap RT						48127.1	1.8	10.494	90	i5	6	46497.4	5.2	7.163	22	a6	22

Table 5 (continued).

t_e	σ_t	m	σ_m	type	n	t_e	σ_t	m	σ_m	type	n	t_e	σ_t	m	σ_m	type	n
46607.2	4.0	7.679	47	i3	11	37459.1	0.5	6.095	43	a4	8	45870.0	1.1	6.498	68	a3	27
46969.3	5.5	7.541	55	i6	12	37787.8	0.4	8.688	54	i4	9	45915.6	0.7	8.555	126	i3	8
47128.2	6.3	7.154	17	a3	24	37835.8	0.5	6.205	52	a5	11	46086.6	0.6	8.656	42	i5	9
47343.0	8.3	7.604	26	i3	44	41017.5	1.8	7.870	192	i3	9	46139.1	1.2	7.005	56	a3	15
49098.9	9.7	7.001	138	a5	18	41062.9	1.8	6.337	108	a3	14	46177.9	0.8	8.001	49	i3	11
49215.4	8.0	7.636	23	i3	63	41104.7	0.3	7.885	39	i5	6	46219.0	0.8	6.041	52	a6	19
49414.9	7.3	7.044	41	a3	23	41427.2	0.9	5.833	96	a3	9	46456.0	0.4	7.700	27	i3	12
49574.5	11.2	7.544	45	i3	46	41584.2	6.6	5.041	770	a3	7	46500.3	0.8	6.326	51	a3	17
49788.6	10.4	6.951	45	a3	41	41746.1	0.4	8.834	90	i6	11	46545.2	0.6	8.284	65	i6	15
49985.2	4.2	7.896	53	i3	37	41792.8	0.8	6.275	68	a3	30	46591.1	0.8	6.160	51	a3	21
50259.5	4.1	7.095	98	a6	42	41835.4	1.1	7.933	68	i3	25	46638.8	0.5	8.405	66	i6	10
50344.6	5.0	7.778	47	i3	41	42110.2	0.6	7.964	73	i3	15	46808.2	0.6	7.609	47	i3	17
50626.5	17.4	7.235	59	a6	63	42148.9	0.7	5.888	74	a3	17	46855.0	1.0	6.026	87	a3	15
50722.0	5.0	7.756	45	i4	62	42479.0	1.6	7.494	95	i3	12	46900.0	0.6	8.743	151	i5	18
51061.5	10.1	7.581	58	i3	18	42525.6	1.8	6.181	236	a5	11	46958.3	1.3	5.979	104	a5	25
51182.6	8.6	7.061	40	a6	71	42778.3	1.5	7.127	203	i6	10	46994.5	0.9	9.125	149	i3	8
51472.3	3.5	7.771	93	i3	24	42803.8	2.8	6.399	127	a3	14	47172.9	1.6	7.734	154	i3	11
51575.0	4.4	6.639	98	a5	22	42844.8	0.7	8.627	189	i3	11	47219.4	0.8	6.177	68	a3	18
Cen T						42887.4	1.9	6.143	121	a3	18	47265.8	0.6	8.063	67	i3	18
26095.7	1.0	7.291	79	i3	13	42938.4	1.4	7.382	110	i3	6	47316.1	1.1	6.228	75	a6	20
27954.2	1.6	6.537	43	a3	43	43131.8	1.6	5.681	585	a6	14	47355.8	1.4	7.603	70	i3	8
29285.7	0.5	8.863	44	i3	5	43202.9	1.6	7.902	204	i3	16	47537.1	2.2	8.143	280	i3	8
29327.2	0.4	6.410	26	a6	14	43238.3	2.6	6.213	271	a6	23	47578.4	0.8	6.021	67	a3	14
29371.9	0.4	8.697	80	i6	9	43302.7	0.7	7.866	141	i5	13	47624.5	1.3	7.718	81	i3	15
29413.6	0.9	6.063	37	a3	12	43515.5	1.8	6.384	94	a3	18	47670.1	0.8	6.210	65	a3	13
29648.7	0.5	9.680	147	i4	11	43564.6	0.9	9.551	598	i6	10	47889.5	1.6	8.726	195	i4	6
29687.8	0.9	6.472	30	a3	18	43612.6	2.6	6.251	129	a5	11	47940.1	1.0	5.891	127	a3	13
29736.5	0.2	8.807	35	i5	9	43667.6	0.5	7.850	39	i5	9	47986.4	0.7	8.659	131	i3	13
30763.5	0.5	6.350	35	a3	9	43883.7	1.3	6.212	96	a3	14	48034.5	1.0	6.122	80	a3	18
30811.8	1.2	7.972	211	i3	5	43926.6	1.0	8.864	202	i3	12	48075.9	0.7	8.318	137	i5	9
30886.1	1.3	9.749	871	i5	10	43980.1	1.0	5.873	85	a5	21	48262.0	0.7	7.733	75	i3	9
32359.2	1.4	7.818	89	i4	23	44248.5	2.2	6.323	116	a3	17	48302.8	0.5	6.251	45	a3	9
32695.5	0.8	9.636	180	i4	7	44296.4	1.5	8.258	247	i3	11	48345.8	1.1	7.536	52	i3	12
33429.7	0.7	7.724	80	i3	22	44329.4	0.4	6.158	43	a6	11	48397.4	1.0	6.025	93	a4	13
33697.3	1.7	7.556	147	i3	5	44383.5	1.5	7.822	166	i5	8	48704.0	0.9	7.474	57	i3	6
33728.5	1.7	5.895	525	a5	9	44424.3	0.7	5.654	56	a3	7	48804.7	0.7	8.677	118	i5	8
33787.6	1.1	8.118	182	i3	9	44649.8	1.3	7.783	147	i3	17	49024.1	1.3	6.233	106	a3	5
34143.3	0.5	8.972	78	i3	17	44692.6	1.3	6.377	88	a3	13	49063.7	0.7	7.440	31	i3	11
34194.2	1.2	5.989	183	a6	9	44736.4	0.5	7.942	51	i3	16	49110.9	0.7	6.075	67	a5	16
34413.2	0.5	8.224	51	i3	15	44782.1	0.8	6.096	59	a3	7	49155.7	0.7	8.256	70	i3	14
34459.9	0.6	5.796	69	a3	16	44966.9	1.2	5.858	107	a3	10	49203.1	0.8	6.166	61	a5	8
34504.7	0.5	8.446	47	i5	11	45014.1	0.8	8.114	68	i3	15	49397.3	1.8	6.778	133	a3	11
34542.0	1.0	5.863	94	a6	8	45057.9	0.7	6.085	64	a3	17	49432.3	0.7	7.720	61	i3	12
34774.2	0.7	7.995	31	i4	11	45100.2	0.5	7.920	42	i3	21	49477.3	0.8	6.064	46	a3	18
34816.7	2.0	6.267	129	a3	8	45153.8	0.8	5.590	102	a6	17	49519.1	0.7	7.616	86	i3	9
35272.6	1.9	6.576	131	a3	9	45190.6	1.1	8.131	150	i3	6	49553.6	2.5	6.080	366	a4	6
35615.8	1.6	6.208	127	a4	17	45358.2	0.9	7.327	73	i3	12	49748.2	1.2	5.996	94	a5	19
35997.3	3.6	6.416	146	a3	13	45405.4	1.5	6.218	68	a3	19	49781.6	1.3	7.500	78	i6	17
36357.2	0.4	5.459	53	a3	10	45459.4	0.8	8.542	83	i3	12	49844.0	1.5	6.193	140	a5	15
36743.5	1.6	5.938	200	a6	11	45723.4	0.4	7.624	51	i3	6	50074.3	0.8	7.425	37	i4	7
37097.1	1.4	6.187	69	a3	18	45769.0	1.0	5.999	71	a3	13	50169.1	1.8	7.184	139	i6	17
37412.4	0.4	8.598	800	i6	7	45819.4	0.4	8.663	61	i3	19	50198.9	2.8	6.299	83	a3	14

Table 5 (continued).

t_e	σ_t	m	σ_m	type	n	t_e	σ_t	m	σ_m	type	n	t_e	σ_t	m	σ_m	type	n
50480.0	0.9	6.030	61	a3	10	33608.2	9.7	6.752	67	a3	19	50687.8	5.5	8.104	52	i3	97
50524.0	1.2	7.216	88	i3	14	33747.6	4.7	7.853	58	i3	10	50852.1	3.7	7.191	58	a4	89
50566.5	1.3	6.029	88	a3	9	34331.0	3.5	7.933	51	i4	36	50925.4	5.2	8.003	119	i3	15
50837.4	0.1	4.290	377	a4	5	34472.2	9.8	6.818	115	a5	32	Cet T					
50928.8	1.9	6.181	98	a3	12	34706.5	1.2	7.866	33	i3	18	17923.5	1.7	5.723	77	a6	8
50977.4	1.3	8.361	399	i5	10	34923.0	6.6	6.720	73	a5	30	18920.8	5.7	6.871	346	i4	5
51206.8	0.8	6.009	44	a3	17	35122.5	3.3	7.813	51	i5	34	19049.1	2.3	6.931	778	i6	8
51304.6	1.1	6.276	59	a3	13	35206.3	3.8	6.639	59	a4	16	25476.4	3.3	5.742	53	a3	34
51395.7	0.9	6.176	57	a3	11	Cep TY						26606.5	2.4	5.072	472	a6	12
Cen Y						23873.4	1.3	12.021	21	i4	9	26678.3	1.9	6.595	41	i3	35
46141.5	3.1	7.991	18	a3	11	23984.0	1.4	10.203	45	a4	27	27402.2	2.3	6.053	43	a3	41
46215.3	1.0	8.554	40	i4	8	24170.3	2.6	11.806	33	i3	37	29647.9	2.2	6.162	29	a3	20
46268.3	0.4	7.692	16	a4	5	24350.3	2.3	10.499	42	a3	17	29867.5	10.2	6.671	58	i6	32
48773.3	2.6	7.947	22	a3	6	24486.4	2.5	11.978	36	i6	31	32555.9	2.3	5.271	57	a3	20
49143.6	2.2	8.956	80	i6	9	24680.2	3.4	10.735	45	a3	26	32888.4	1.5	5.506	41	a3	9
Cep RW						24839.9	1.2	11.935	25	i3	28	34339.1	1.5	4.823	70	a6	35
46551.0	3.3	7.103	48	a4	13	24944.0	1.5	10.614	26	a5	35	34670.5	1.4	4.965	75	a5	29
46655.9	3.7	7.571	33	i4	17	47233.8	5.2	12.253	55	i3	10	35114.1	2.1	6.789	40	i4	34
47238.0	7.1	7.599	51	i3	18	47584.8	2.7	12.690	54	i5	7	35408.5	2.7	6.825	46	i3	36
47402.7	3.8	6.995	250	a6	13	48142.5	3.9	11.009	97	a3	12	35828.4	3.4	5.885	44	a3	55
47624.9	11.6	6.859	54	a3	25	48237.4	2.9	12.391	98	i3	13	36475.6	5.7	5.957	85	a3	16
47753.8	11.0	7.427	281	i5	10	48326.3	6.1	11.300	131	a3	10	36541.4	2.2	6.716	44	i3	30
47978.1	3.6	7.628	164	i4	10	48472.7	8.4	11.641	73	a3	9	37227.6	6.5	5.667	115	a4	19
48130.9	15.5	6.923	48	a3	26	48601.6	5.1	12.589	142	i5	12	37559.9	1.0	5.497	90	a5	10
48237.0	2.9	8.405	794	i4	5	48975.7	2.0	12.611	259	i6	11	37635.0	0.9	6.784	17	i4	8
49602.8	10.0	7.011	16	a3	66	49083.8	9.4	11.629	68	a3	19	38713.3	6.1	6.713	188	i5	15
49819.7	9.2	7.263	22	i3	44	49206.7	4.1	11.122	127	a4	7	40174.7	3.1	7.019	65	i3	9
50140.0	14.7	6.872	179	a6	24	49342.0	6.3	12.353	90	i4	8	40496.9	2.8	7.134	119	i3	24
50402.2	7.3	7.411	39	i3	33	49724.5	8.9	11.212	468	a6	10	40583.4	1.8	5.350	61	a4	26
50603.8	12.2	6.992	52	a6	41	49823.7	4.6	12.017	108	i4	9	40911.3	1.2	5.394	29	a3	94
51187.5	3.9	7.675	111	i5	9	49932.3	3.7	10.784	167	a6	13	41225.8	3.5	5.679	67	a3	26
51375.6	7.1	7.004	77	a6	21	50026.8	4.2	12.066	250	i6	14	42003.5	2.0	6.636	32	i3	79
Cep RX						Cep W						42323.9	2.1	6.522	38	i3	35
28640.3	9.8	7.672	81	a3	22	22211.7	4.8	8.663	23	i3	25	42404.0	2.6	5.656	54	a3	47
28712.6	10.2	8.025	66	i3	9	22399.2	3.4	7.997	24	a3	30	42638.4	3.7	6.788	168	i6	12
47291.2	15.4	7.454	23	a5	95	22555.5	2.4	8.521	10	i3	36	42732.6	2.8	5.814	44	a3	54
47746.5	4.0	8.015	31	i3	20	22708.8	9.8	8.059	24	a3	21	43054.2	3.1	5.443	90	a3	22
49179.6	3.3	8.235	252	i6	12	22980.8	9.8	8.554	19	i3	32	43143.7	2.3	6.725	60	i4	27
49722.1	37.5	7.334	27	a4	62	23315.6	4.4	7.916	52	a6	27	43477.1	3.0	6.898	43	i4	28
Cep SS						24562.4	12.1	8.166	97	i3	14	43711.2	2.2	5.555	84	a4	10
26133.4	2.5	7.920	55	i3	6	24710.1	3.5	7.434	31	a6	20	43806.9	5.3	6.443	130	i6	19
26220.3	1.4	8.057	137	i4	9	43858.4	11.4	6.795	83	a4	32	43866.1	2.8	5.120	94	a5	28
26271.2	1.1	6.784	46	a3	30	44020.2	25.1	7.815	85	i3	13	44191.8	2.6	5.303	63	a5	42
26310.0	2.4	7.252	39	i3	43	44144.4	4.6	7.183	70	a3	14	44617.1	4.5	6.829	64	i4	26
28649.9	2.7	7.711	88	i5	24	44239.9	1.6	7.966	65	i3	5	45326.2	1.9	5.562	49	a3	25
28707.8	4.0	7.087	83	a3	9	46158.7	15.2	8.635	208	i6	21	45636.1	1.8	5.450	39	a3	41
29434.4	20.1	7.719	135	i6	21	49057.5	5.6	8.102	122	i4	15	45720.6	2.0	6.617	217	i5	17
29694.5	9.0	7.386	48	a6	47	49198.9	3.9	7.397	52	a6	36	45978.9	2.5	5.982	64	a4	30
29738.8	4.1	7.754	51	i6	15	49344.4	5.9	8.420	93	i4	12	46013.5	2.9	6.534	86	i4	24
31521.0	4.5	6.962	108	a6	17	49466.1	5.1	7.773	42	a3	48	47030.7	2.6	6.862	36	i3	23
31780.7	3.1	8.399	288	i4	6	49742.8	10.7	8.431	27	i3	133	51447.4	3.7	6.257	29	i3	99
31826.5	0.5	6.805	23	a3	7	50436.9	6.8	7.194	45	a3	142	Cnc RS					

Table 5 (continued).

t_e	σ_t	m	σ_m	type	n	t_e	σ_t	m	σ_m	type	n	t_e	σ_t	m	σ_m	type	n
25592.4	1.9	6.689	35	i3	65	45657.9	2.0	6.376	48	i5	41	38961.3	2.8	8.377	82	i3	6
25712.1	2.1	5.738	25	a3	98	45722.4	1.5	5.509	27	a4	92	39017.7	0.6	7.581	16	a5	7
25835.9	5.5	6.354	71	i3	10	46853.7	5.0	6.243	18	i3	137	41078.6	1.4	7.355	110	a6	12
25948.3	2.3	5.477	49	a4	35	47144.1	2.0	6.422	49	i3	32	45583.8	2.5	8.229	32	i6	75
26010.0	1.8	6.500	26	i5	166	47187.2	1.0	5.769	29	a3	74	45677.7	5.0	7.883	48	a3	21
26148.5	4.5	5.964	52	a4	60	47241.7	2.0	6.216	41	i4	55	45724.8	0.7	8.275	50	i5	8
26303.6	2.8	6.808	28	i3	86	47269.6	1.5	5.929	23	a3	94	45901.6	2.0	7.512	25	a5	33
26414.8	1.3	5.750	19	a3	144	47892.0	1.7	5.749	33	a6	107	46030.8	2.4	7.950	31	i6	10
26532.8	2.7	7.014	94	i3	46	47977.9	1.0	7.018	23	i3	148	46242.4	2.0	8.208	68	i3	23
26652.0	3.5	5.777	35	a4	66	48121.4	3.4	5.882	108	a3	18	46268.4	1.4	7.701	42	a3	22
26801.1	2.0	6.797	21	i3	100	48239.8	2.3	6.823	35	i3	66	46292.4	0.7	8.205	82	i4	21
26892.8	4.3	5.993	76	a4	15	48354.8	2.3	5.895	23	a3	124	46324.6	2.5	7.680	41	a3	26
27039.5	1.7	7.246	47	i6	20	48495.2	6.2	6.531	87	i3	22	46347.6	1.8	7.905	46	i4	20
27151.9	2.4	6.007	42	a6	25	48614.6	3.0	5.926	30	a4	133	46386.4	1.3	7.149	291	a4	9
27415.1	1.9	5.794	28	a4	58	49379.8	3.9	5.919	28	a5	93	46432.7	0.3	6.954	118	a4	5
27486.3	1.1	6.677	28	i3	50	49452.2	1.2	6.766	40	i3	70	46483.1	1.2	7.886	163	i6	8
27564.6	2.4	5.949	28	a3	46	49717.7	2.8	6.581	42	i3	36	46579.7	0.8	8.189	47	i3	26
28829.9	0.5	5.534	81	a6	8	49792.4	1.8	5.953	31	a3	63	46611.1	1.5	7.805	36	a4	32
28879.9	0.9	6.885	66	i6	19	50411.0	2.0	6.539	96	i6	18	46662.9	2.2	7.682	44	a3	26
28952.3	2.5	6.007	50	a6	30	50467.3	5.2	5.954	24	a3	132	46696.3	2.6	7.997	48	i4	35
34714.1	6.6	5.710	48	a3	16	51590.5	1.4	6.592	40	i3	33	46916.7	3.1	8.047	21	i4	45
35144.9	3.2	6.145	42	a6	42	Cnc T						47394.4	0.7	8.113	42	i3	31
35505.9	2.9	6.680	86	i3	26	38350.8	5.0	9.295	44	a5	18	47428.4	1.5	7.511	45	a3	24
35553.4	1.9	6.019	47	a3	33	38467.6	2.7	10.395	47	i3	13	47626.8	1.0	7.586	23	a4	18
35603.7	2.6	6.679	65	i3	21	46354.5	6.8	9.631	102	i3	13	47654.2	0.9	8.045	42	i5	36
35922.3	4.0	5.814	47	a3	25	46644.1	6.8	8.688	58	a3	21	47767.7	1.2	8.088	39	i5	27
36233.4	2.2	6.931	150	i6	13	46868.1	3.7	9.735	33	i3	39	47797.8	2.2	7.551	98	a6	28
39454.1	2.9	6.506	105	i3	13	47083.2	10.4	8.631	121	a5	14	48087.8	1.3	7.657	40	a3	26
39513.2	4.2	5.590	68	a4	49	47590.5	4.6	8.416	46	a3	42	48125.3	0.9	8.146	54	i5	15
39592.0	3.4	6.227	61	i3	49	Cnc X						49213.4	0.7	8.530	47	i5	14
39840.3	1.8	6.368	29	i3	76	46863.5	5.0	6.877	37	i5	139	50540.1	0.7	7.786	25	a3	9
39908.6	1.0	5.631	26	a3	91	47175.5	3.9	6.527	24	a3	232	50585.9	0.3	8.944	293	i5	8
39970.7	1.4	6.264	32	i3	69	47519.5	6.9	6.439	27	a5	320	50624.7	1.2	7.907	47	i5	22
40220.6	3.3	6.220	61	i4	37	50504.3	2.1	6.917	21	i3	220	50659.6	5.1	8.166	39	i4	66
40281.2	3.2	5.681	38	a4	105	50895.5	2.3	6.894	27	i3	156	50848.0	8.1	7.704	32	a4	59
40921.7	3.4	5.808	28	a3	42	CrB RR						50920.0	1.9	7.972	21	i3	10
41032.5	3.8	6.290	36	i4	48	25382.1	1.0	8.280	53	i6	31	51002.8	3.1	7.686	65	a6	24
41394.2	5.0	6.199	35	a3	35	25418.0	0.3	6.320	500	a6	16	51044.4	4.0	8.262	50	i4	30
41706.0	1.9	6.894	66	i3	24	25776.2	0.9	7.191	53	a3	14	51187.0	1.7	7.603	39	a3	12
41757.6	3.1	5.777	106	a5	31	25808.2	1.0	7.582	115	a5	24	51279.1	2.1	7.475	33	a6	18
42035.8	2.2	5.716	61	a3	37	25829.8	1.8	7.316	54	a5	46	51314.4	1.4	7.884	92	i6	15
42100.7	2.0	6.393	45	i3	64	25863.6	0.3	7.937	27	i4	12	51359.9	2.7	7.304	63	a3	8
42163.2	3.0	5.922	38	a3	53	25890.2	2.3	7.208	22	a4	14	51414.4	1.1	7.274	62	i4	18
43205.2	1.6	6.212	34	i3	58	26022.4	5.5	8.004	59	i3	31	51443.8	3.2	7.130	115	a6	12
43260.8	2.3	5.505	39	a3	65	26295.2	4.8	7.236	26	a3	236	51547.7	2.0	7.947	36	i3	10
43462.1	3.0	6.351	58	i3	19	26557.2	3.6	8.053	26	i3	165	CrB RS					
43540.0	1.8	5.573	29	a3	60	37787.0	4.2	7.531	42	a5	26	29317.7	4.3	8.408	131	i5	9
44196.8	2.1	5.364	46	a3	21	38252.0	1.1	8.215	103	i3	7	29458.9	9.0	7.794	60	a5	21
44301.5	4.5	6.096	30	i3	83	38281.3	1.1	7.576	47	a4	12	29636.4	9.5	8.151	46	i3	14
44948.7	2.5	6.147	35	i3	54	38562.0	2.0	7.627	44	a6	8	29796.9	5.0	7.754	92	a4	16
45420.5	1.3	6.427	26	i4	138	38611.7	0.9	8.361	54	i6	8	41457.9	1.9	8.036	102	i6	7
45477.9	2.0	5.654	33	a3	65	38906.4	2.4	7.806	65	a3	7	41653.1	5.8	7.372	36	a3	13

Table 5 (continued).

t_e	σ_t	m	σ_m	type	n	t_e	σ_t	m	σ_m	type	n	t_e	σ_t	m	σ_m	type	n
42222.6	3.0	7.821	37	i6	9	28604.3	1.5	6.989	77	a3	32	44418.1	1.5	8.565	79	i3	8
44814.9	4.7	8.437	128	i5	13	28696.4	1.7	8.513	63	i4	24	44513.8	3.2	7.104	79	a3	14
44950.9	3.9	7.466	80	a3	9	28765.5	5.1	7.347	106	a3	13	44600.0	1.0	8.358	35	i3	16
45111.8	6.0	8.365	81	i4	8	29246.9	1.6	8.452	65	i3	11	44697.7	3.3	7.015	38	a3	54
46322.2	4.8	7.594	38	a4	36	29301.4	4.3	7.227	75	a5	57	44803.9	2.9	7.804	54	i3	19
46644.1	3.9	7.494	14	a3	44	29459.1	6.5	7.439	171	a5	16	44902.7	2.8	7.002	56	a3	17
47282.9	0.7	7.262	31	a6	14	29625.2	5.1	8.061	47	i3	12	44985.9	1.4	8.305	72	i3	13
47459.8	6.4	7.834	30	i3	16	29739.8	3.3	7.617	37	a6	23	45102.3	3.1	7.035	40	a4	70
47632.3	12.1	7.414	49	a3	24	29824.7	0.0	8.507	1	i5	6	45181.8	1.8	8.212	69	i3	16
47818.6	10.6	8.094	118	i6	11	29964.3	8.4	7.642	68	a4	12	45271.2	1.9	6.921	48	a3	14
48009.3	8.7	6.919	111	a3	6	31938.3	1.3	8.120	54	i3	11	45388.2	2.6	8.429	70	i4	11
48089.6	0.9	8.060	49	i3	5	32322.7	0.8	8.926	45	i4	8	45452.2	2.1	6.846	56	a6	32
48455.4	8.5	8.041	24	i3	10	33120.1	3.1	8.678	113	i3	9	45563.4	1.3	8.566	61	i6	14
48850.0	7.4	8.154	71	i6	18	33393.6	3.9	7.292	61	a3	28	45639.8	2.1	7.122	62	a5	14
49804.8	3.3	8.836	583	i6	11	33501.0	1.4	8.515	78	i3	15	45756.4	2.8	8.378	94	i6	28
49955.6	5.3	7.453	80	a3	17	35941.1	2.1	8.873	85	i3	11	45860.5	1.6	6.881	50	a3	50
CrB	TT					38323.0	0.7	6.898	1	a5	6	45951.7	2.9	8.169	61	i3	26
45805.5	0.6	11.008	11	a4	5	38566.3	1.6	7.022	77	a5	25	46021.1	5.3	7.281	124	a5	12
46232.3	0.9	10.679	164	a5	9	38893.5	1.4	6.646	71	a5	23	46169.2	1.7	8.184	59	i5	24
46586.8	4.5	11.714	59	i3	17	39299.8	1.2	6.899	43	a6	48	46241.5	2.0	6.986	27	a3	71
46645.0	1.9	11.166	55	a3	12	39584.0	1.9	8.394	86	i3	14	46360.4	1.7	8.221	82	i5	18
46694.2	1.8	11.795	39	i3	10	39699.8	2.1	7.073	92	a5	23	46471.6	3.7	7.145	56	a5	24
46895.4	0.6	11.870	51	i3	7	39955.0	3.1	8.305	64	i3	23	46531.6	1.4	8.133	42	i3	39
46953.5	2.0	12.032	77	i5	9	40992.8	4.0	7.770	38	i3	40	46639.7	2.4	6.907	37	a3	67
47281.0	1.9	11.062	63	a3	19	41105.3	2.1	7.139	45	a6	49	46740.7	3.2	7.881	81	i3	16
47484.0	5.3	11.803	73	i3	29	41167.7	1.6	7.839	32	i6	23	46808.8	2.0	7.124	59	a5	50
47982.4	6.9	11.473	53	a6	76	41302.4	3.7	7.052	83	a5	14	46934.6	1.2	8.150	46	i3	35
48081.5	4.0	11.717	33	i3	62	41361.4	2.4	7.867	42	i5	49	46998.6	1.8	6.855	31	a5	69
48126.1	1.2	11.325	76	a6	30	41488.0	2.1	7.174	52	a3	20	47132.8	3.0	8.142	76	i4	35
48272.1	10.6	11.209	74	a4	71	41565.7	6.4	7.835	58	i3	19	47250.2	1.7	6.997	49	a3	41
48442.8	2.4	11.659	35	i3	33	41793.4	1.6	7.604	31	i4	26	47340.1	1.9	7.994	48	i5	59
48474.2	4.4	11.354	45	a3	24	41844.2	0.5	6.622	24	a4	15	47442.5	1.9	7.050	39	a5	48
49558.3	2.3	11.100	42	a3	53	42149.4	6.8	8.023	234	i4	7	47525.8	1.9	7.933	34	i3	36
49619.2	3.7	11.710	74	i4	36	42220.3	3.5	6.772	154	a6	7	47616.4	4.2	7.083	23	a3	77
50261.9	1.9	11.037	57	a3	29	42495.9	2.3	8.393	89	i3	9	47708.9	1.6	7.860	40	i3	60
50297.0	1.5	11.676	60	i3	21	42612.3	4.5	7.118	52	a3	25	47813.3	2.3	6.940	45	a3	43
50490.4	6.6	11.011	114	a3	15	42876.2	4.9	8.146	213	i3	6	47902.9	3.0	7.813	48	i6	93
51422.7	4.3	11.049	50	a5	89	42964.3	3.2	6.963	80	a6	18	48008.9	1.3	6.853	35	a3	62
51531.5	2.5	11.941	220	i4	9	43082.3	1.1	8.329	44	i3	7	48130.8	3.1	7.933	47	i5	73
CVn	V					43160.9	2.2	6.759	73	a4	23	48190.5	2.1	6.752	55	a3	20
25309.9	0.7	6.384	107	a6	9	43269.7	1.5	8.739	482	i6	14	48287.8	2.1	8.159	39	i6	72
25445.9	1.0	7.617	23	i6	8	43352.4	3.6	7.004	88	a3	11	48384.8	0.9	7.088	24	a3	111
25480.1	1.0	6.729	31	a5	22	43456.9	2.6	8.314	105	i5	8	48470.7	2.0	8.283	60	i4	43
25590.3	3.8	7.742	37	i3	36	43550.6	1.9	7.071	41	a3	21	48673.9	1.7	8.362	31	i3	76
25996.6	4.0	8.101	54	i3	17	43631.5	2.3	8.418	74	i6	15	48776.7	0.9	7.021	30	a3	94
26081.0	0.9	6.984	35	a3	36	43747.5	4.7	7.145	96	a3	13	48868.9	2.4	8.345	39	i3	45
26194.4	3.6	8.146	82	i4	27	43827.0	5.3	8.447	281	i6	11	48945.9	2.6	6.686	62	a4	25
26314.8	0.5	6.629	160	a5	7	43942.1	2.4	7.260	45	a3	26	49053.6	1.2	8.315	36	i3	61
26362.3	2.4	8.301	39	i4	7	44022.7	2.3	8.342	45	i3	28	49157.3	1.9	7.057	39	a6	82
26822.6	1.3	7.256	48	a4	8	44124.1	3.2	7.040	93	a3	13	49263.2	3.2	8.325	80	i5	37
27910.8	7.1	8.383	128	i3	7	44219.6	1.8	8.671	62	i3	11	49333.0	2.7	7.220	62	a3	38
28018.5	2.7	7.300	77	a3	7	44322.8	1.5	6.919	39	a3	35	49423.5	2.3	8.243	35	i3	75

Table 5 (continued).

t_e	σ_t	m	σ_m	type	n	t_e	σ_t	m	σ_m	type	n	t_e	σ_t	m	σ_m	type	n
49517.9	1.2	7.005	27	a3	95		Cyg AA					25547.8	0.8	6.698	58	a3	28
49631.8	2.4	8.305	53	i3	52	40536.4	2.1	8.569	25	a4	27	25571.3	1.8	7.420	77	i5	32
49732.4	1.4	7.432	45	a5	49	45985.3	1.7	8.563	130	a6	8	25626.8	2.3	6.724	27	a3	41
49809.2	2.2	8.393	31	i3	70	47509.2	4.0	9.696	68	i5	10	25677.5	1.2	7.551	56	i4	28
49927.7	1.4	7.235	28	a5	153	47601.7	2.7	8.648	60	a3	7	25737.5	1.9	7.033	50	a3	21
49993.2	1.2	8.371	29	i3	29	47674.6	0.0	9.504	0	i6	7	25782.7	0.8	7.565	84	i6	44
50098.5	2.6	7.238	48	a5	58	47829.8	3.3	9.033	36	a5	9	25799.7	5.6	7.191	50	a4	54
50194.3	1.2	8.253	21	i3	135	47913.1	1.4	9.677	19	i3	15	25886.0	2.3	7.847	27	i3	74
50285.8	2.1	7.427	22	a3	110	48021.3	2.0	9.040	18	a3	25	25961.8	3.5	7.190	87	a6	59
50377.0	2.0	8.367	41	i3	45	48150.1	2.7	9.978	52	i3	12	25980.6	1.7	7.754	115	i3	15
50474.4	2.0	7.302	29	a3	91	48262.8	2.2	8.974	27	a5	8	26012.8	1.8	6.922	58	a3	14
50607.7	0.8	8.261	32	i6	126	48294.9	1.8	9.321	25	i4	5	26061.6	1.5	7.901	32	i3	40
50641.2	0.8	6.887	38	a4	71	48424.1	19.8	8.970	38	a3	21	26118.2	0.8	6.746	21	a3	44
50780.6	1.3	8.310	45	i4	118	48563.8	2.5	9.441	29	i4	16	26168.0	1.0	7.776	34	i3	72
50842.2	0.9	7.151	30	a3	68	48695.3	1.9	8.751	81	a5	6	26208.4	0.6	6.768	26	a3	91
50947.7	2.2	8.151	40	i6	97	48787.9	7.8	9.418	33	i3	15	26253.5	0.8	7.800	31	i3	127
51039.8	1.8	7.228	29	a6	111	48884.7	6.0	8.951	45	a4	17	26299.5	1.2	6.584	24	a3	109
51135.6	3.1	8.060	33	i3	77	48999.5	1.9	9.691	64	i6	11	26353.9	1.7	7.730	52	i5	35
51243.1	1.0	7.133	31	a3	71	49102.2	2.7	8.758	22	a3	14	26403.1	1.9	6.785	51	a3	14
51320.0	2.1	8.100	32	i3	85	49234.8	5.5	9.167	22	i3	11	26468.5	1.6	6.654	26	a4	139
	CVn Y					49313.3	2.7	8.976	26	a3	9	26542.2	0.8	7.333	26	i4	57
25369.7	4.5	5.833	31	i6	64	49407.6	1.3	9.405	16	i3	9	26581.7	1.2	6.842	30	a4	67
25478.9	2.4	5.388	58	a6	58	49491.9	2.9	8.924	33	a3	8	26610.4	0.8	7.522	52	i3	64
26266.5	8.6	5.209	41	a6	72	49604.2	5.0	9.534	114	i6	14	26655.9	1.2	6.557	26	a3	64
26616.2	12.7	5.311	61	a5	33	49720.2	4.3	8.990	35	a6	17	26713.4	2.7	7.443	67	i3	26
27039.9	3.9	5.326	27	a3	17	49842.9	2.5	9.427	52	i4	10	26810.0	2.3	7.889	76	i3	12
27164.9	4.1	6.001	29	i5	52	49881.0	3.2	8.859	95	a6	10	26877.8	5.4	7.287	93	a6	23
27336.3	1.8	5.297	28	a6	19	50012.3	7.4	9.455	59	i6	18	26921.8	0.8	7.985	55	i6	16
27465.1	3.9	6.124	29	i6	33	50098.6	4.5	9.050	34	a3	12	26954.6	1.2	6.996	28	a3	18
27606.1	7.6	5.785	18	a3	56	50680.8	7.3	9.458	62	i3	13	26993.5	0.8	7.593	49	i3	22
27756.3	5.9	6.195	50	i3	25	50771.3	4.3	9.037	30	a6	14	27049.4	1.7	6.800	36	a3	14
27861.5	4.6	5.720	35	a6	85	51053.3	4.8	8.964	114	a6	17	27091.0	2.3	7.222	36	i5	19
28053.4	4.8	6.246	21	i6	70	51301.4	4.0	9.635	116	i6	16	27239.0	1.5	6.435	64	a5	19
28537.5	5.4	6.156	39	i3	20		Cyg AF					27311.7	3.6	7.278	81	i6	32
29046.7	6.1	5.887	13	i4	149	23715.0	1.4	7.859	127	i6	23	27417.4	2.9	6.686	42	a4	76
29271.2	2.8	5.207	40	a4	27	23749.4	1.1	6.356	167	a6	13	27499.1	7.7	7.243	88	i3	22
29391.2	3.1	6.139	16	i3	96	23812.2	3.2	7.462	106	i3	15	27580.6	3.5	6.724	40	a3	47
39411.5	8.0	6.354	207	i3	12	23872.7	0.7	6.554	53	a4	19	27661.8	2.0	7.466	39	i3	45
39543.7	6.8	5.508	98	a5	26	23914.0	1.6	7.633	84	i4	18	27702.4	3.6	6.792	102	a6	47
39820.1	0.6	3.977	400	a6	9	23943.8	1.4	6.455	42	a4	65	27823.5	5.7	7.572	49	i3	33
40756.2	3.1	5.342	39	a3	25	24087.9	1.4	7.475	57	i6	113	27918.0	3.1	6.850	64	a3	19
40838.3	1.5	5.868	35	i5	13	24135.6	1.4	6.872	29	a3	40	27989.8	3.8	7.492	89	i6	25
40894.4	3.2	5.215	104	a3	11	24192.5	2.2	7.781	71	i5	65	28096.5	1.3	6.705	16	a3	45
40987.5	2.9	6.066	57	i3	29	24330.1	2.3	7.026	33	a5	74	28195.3	2.1	7.437	32	i3	12
47698.4	8.9	5.988	23	i4	123	24399.5	1.7	7.815	50	i3	63	28277.0	1.5	6.698	24	a3	18
47842.8	12.7	5.679	60	a6	143	24526.5	2.6	6.795	49	a5	44	28346.1	1.6	7.716	63	i3	20
48048.0	4.6	6.107	25	i6	182	24620.6	1.2	7.774	60	i5	17	28391.3	3.7	6.933	54	a3	38
48285.7	2.9	5.583	41	a6	79	24649.6	1.5	6.477	60	a5	29	28425.4	2.6	7.292	32	i4	62
48389.6	4.2	6.095	15	i4	211	24748.9	1.4	7.747	27	i3	148	28463.1	3.7	6.995	77	a6	46
48583.4	4.1	5.626	35	a3	51	24867.0	1.5	6.539	57	a5	38	28531.4	1.5	8.269	75	i3	26
48691.5	1.4	6.178	20	i3	71	25474.1	1.2	6.932	35	a6	42	28657.8	1.6	6.804	36	a6	42
49521.5	3.6	6.445	22	i6	104	25516.0	0.6	7.825	41	i3	24	28708.5	1.4	8.192	63	i4	42

Table 5 (continued).

t_e	σ_t	m	σ_m	type	n	t_e	σ_t	m	σ_m	type	n	t_e	σ_t	m	σ_m	type	n
28849.5	1.0	6.662	41	a5	117	39975.7	2.4	6.469	51	a6	140	47284.0	1.3	7.444	23	i3	140
28896.1	3.6	7.816	54	i3	23	41284.7	2.1	6.551	43	a3	80	47341.3	1.0	6.647	26	a3	153
29019.2	1.2	6.528	45	a3	23	41350.9	3.7	7.451	110	i4	43	47396.7	0.8	7.679	23	i3	231
29072.4	0.8	7.794	60	i4	36	41486.2	1.8	6.628	52	a6	102	47445.6	1.1	6.738	25	a3	161
29112.7	1.1	6.490	31	a5	159	41557.7	2.2	7.404	35	i3	168	47485.7	0.7	7.378	31	i3	138
29242.2	0.9	7.637	57	i4	76	41623.1	1.3	6.625	39	a3	111	47531.9	0.8	6.392	28	a3	100
29424.1	0.8	7.609	27	i3	65	43695.5	1.1	6.533	31	a3	76	47581.2	1.1	7.586	60	i3	48
29479.1	1.4	6.539	30	a4	102	43752.3	1.4	7.209	25	i3	122	47622.3	1.3	6.387	44	a3	58
29593.4	4.8	7.599	31	i3	85	43878.5	3.3	6.537	47	a4	132	47667.9	0.5	7.671	30	i3	115
29688.1	2.6	7.017	80	a5	22	43939.5	2.7	7.533	105	i3	15	47713.5	0.7	6.438	26	a3	151
29747.3	5.3	7.755	72	i3	19	44127.3	2.0	7.521	48	i3	55	47764.7	0.6	7.729	28	i3	142
29881.4	1.5	6.901	30	a6	89	44174.1	1.6	6.552	37	a4	71	47805.8	0.5	6.505	22	a3	230
29923.7	2.9	7.725	59	i5	69	44349.6	1.8	6.542	74	a3	29	47852.4	0.8	7.776	23	i3	142
30026.8	4.8	6.880	66	a4	24	44395.1	2.9	7.590	88	i6	76	47903.9	1.2	6.705	35	a3	84
30124.2	1.6	7.756	395	i6	17	44527.7	1.4	6.500	32	a3	79	47947.7	0.8	7.581	40	i3	49
30209.5	1.0	6.463	62	a3	19	44592.7	1.9	7.789	39	i4	70	47995.2	1.9	7.031	55	a6	65
30274.0	2.6	7.814	52	i3	38	44704.4	0.9	6.096	42	a3	45	48124.7	1.3	7.768	26	i3	168
30317.8	3.1	7.325	85	a3	20	44770.1	0.9	8.037	46	i3	91	48197.2	3.2	7.047	50	a5	141
30588.7	2.9	7.038	83	a5	19	44891.9	0.9	6.424	28	a5	274	48229.5	2.2	7.380	51	i4	79
30653.8	3.9	7.751	60	i3	29	44939.4	1.0	7.630	44	i3	106	48251.9	1.0	6.730	40	a6	66
30720.4	1.3	6.887	59	a3	26	44993.5	1.8	6.472	39	a5	101	48299.8	2.1	7.476	64	i3	27
30908.3	2.1	6.697	38	a3	32	45115.4	1.0	7.768	56	i5	60	48353.4	2.2	6.646	38	a3	45
30956.7	1.9	7.590	77	i3	24	45171.3	1.0	6.384	35	a3	100	48400.5	1.6	7.361	37	i3	68
31005.0	2.0	6.634	83	a3	16	45353.5	1.7	6.404	36	a6	68	48440.1	0.9	6.907	20	a3	109
31046.4	0.9	7.808	186	i6	15	45418.1	2.8	7.483	86	i3	26	48572.7	2.0	7.267	33	i3	107
35985.6	1.5	8.049	49	i3	12	45538.2	2.4	6.749	24	a5	282	48614.8	1.2	6.582	39	a3	69
36046.6	1.3	6.764	48	a3	18	45602.3	1.1	7.671	30	i3	151	48866.2	4.0	7.705	18	a5	505
36482.8	1.5	8.367	97	i3	8	45660.1	1.0	6.590	24	a4	162	48916.8	1.0	7.572	66	a6	100
36535.3	1.5	6.370	76	a4	14	45780.5	1.7	7.594	44	i3	44	49133.8	1.0	7.232	26	a3	134
36711.3	3.2	6.856	45	a3	25	45967.9	1.9	7.360	31	i4	171	49180.5	0.8	7.934	25	i3	128
36756.3	6.0	7.220	84	i6	32	46021.1	0.6	6.546	29	a3	114	49362.5	1.4	7.924	31	i3	65
36880.0	2.0	6.485	90	a4	34	46072.6	3.4	7.515	51	i5	76	49396.8	1.4	7.012	40	a4	31
36947.6	3.7	8.404	200	i4	16	46201.2	1.7	6.894	55	a3	35	49439.0	1.9	7.489	37	i3	47
37414.2	1.7	7.724	37	i3	10	46314.1	1.8	6.841	39	a3	110	49488.5	1.9	6.931	30	a3	103
37466.7	5.6	7.102	86	a6	35	46360.9	1.3	7.406	34	i3	117	49538.8	0.8	7.816	30	i3	119
37597.1	3.7	7.828	59	i4	68	46400.3	1.4	6.733	49	a3	62	49586.5	0.9	7.135	21	a3	174
37662.2	1.4	6.515	38	a3	65	46445.5	1.4	7.427	44	i3	39	49755.1	1.2	6.853	34	a3	77
37796.8	2.0	7.586	93	i6	26	46494.9	2.3	6.651	57	a3	29	49818.7	1.9	7.771	43	i6	170
37853.9	1.7	6.567	52	a3	58	46539.2	0.9	7.599	62	i3	31	49934.5	1.3	7.028	16	a4	376
38189.4	2.0	6.398	79	a3	37	46582.1	1.1	6.828	30	a3	89	49986.4	1.4	7.608	26	i4	217
38256.6	1.3	8.028	59	i3	72	46622.1	1.4	7.524	35	i4	162	50094.1	2.3	6.835	20	a3	181
38305.9	0.7	6.560	50	a3	60	46678.2	0.8	6.690	24	a3	153	50185.0	1.4	7.756	39	i3	65
38340.7	2.0	7.408	51	i3	31	46727.9	1.3	7.369	28	i3	194	50587.9	7.2	7.632	27	i4	134
38365.6	3.2	6.809	164	a6	24	46766.1	0.9	6.816	24	a3	117	50630.2	0.8	7.073	30	a3	126
38429.9	3.4	8.103	241	i3	9	46807.9	1.5	7.448	50	i3	48	50714.7	1.1	7.301	30	a4	188
38683.9	0.9	6.540	27	a3	63	46856.7	1.8	6.556	44	a3	43	50743.7	0.7	7.735	20	i3	193
38745.5	2.2	7.856	97	i3	16	46904.5	0.8	7.775	64	i3	50	50793.9	1.9	6.847	29	a5	272
38861.8	1.0	6.279	88	a4	21	46952.5	2.0	6.771	28	a3	141	50895.5	0.7	7.157	50	i6	55
38926.1	2.0	7.689	106	i3	31	46999.6	2.0	7.174	38	i5	117	50969.5	1.4	6.676	19	a3	151
39100.6	2.2	7.711	79	i4	35	47040.1	0.9	6.701	23	a3	192	51008.9	1.6	7.229	41	i5	76
39142.1	3.8	6.651	126	a3	15	47100.8	1.4	7.309	30	i4	156	51033.3	0.7	6.827	27	a4	156
39854.3	1.5	7.489	49	i3	61	47141.5	1.9	6.869	31	a3	128	51085.9	1.2	7.516	32	i4	129

Table 5 (continued).

t_e	σ_t	m	σ_m	type	n	t_e	σ_t	m	σ_m	type	n	t_e	σ_t	m	σ_m	type	n
51162.4	5.2	6.889	20	a3	285	44317.0	1.8	10.775	48	a3	8	48130.6	1.6	11.639	133	i3	15
51294.7	1.9	7.517	48	i6	87	44494.8	1.7	10.305	90	a4	12	48173.2	1.8	10.290	186	a6	16
51340.6	1.1	6.928	32	a3	133	44535.3	0.5	12.013	82	i3	10	48219.1	0.8	11.959	83	i3	10
51431.8	2.0	7.642	16	i3	426	44579.4	0.4	10.300	22	a3	11	48394.3	1.7	11.772	139	i5	14
51531.0	2.6	7.119	28	a3	149	44710.7	0.7	11.743	64	i5	6	48432.0	3.8	10.626	137	a5	13
Cyg AI						44747.2	6.5	10.783	103	a6	16	48486.4	2.7	11.164	122	i3	13
47770.0	1.3	8.112	36	a3	16	44875.1	1.5	11.695	116	i4	7	48524.7	2.9	10.657	74	a3	15
47840.0	1.0	9.224	28	i3	12	44930.5	1.5	10.293	113	a5	10	48563.3	0.9	11.733	98	i5	12
47916.0	1.1	8.170	24	a3	16	45059.6	0.3	11.707	4	i4	5	48778.7	1.3	10.438	37	a6	10
48000.2	1.8	9.113	37	i3	12	45094.0	0.5	10.376	75	a4	5	48831.6	2.6	11.517	140	i3	11
48061.6	0.9	8.551	39	a3	10	45219.9	1.4	11.507	66	i3	14	48877.5	1.8	10.454	100	a6	25
48133.4	1.1	9.277	25	i3	12	45286.0	1.3	10.298	78	a5	18	48917.6	3.3	11.754	155	i3	10
48200.5	1.5	8.755	43	a3	6	45358.2	0.3	10.599	22	a3	5	48964.6	1.4	10.420	82	a3	10
48280.5	4.5	9.331	37	i3	10	45447.5	2.5	10.571	149	a3	5	49136.6	3.8	10.600	103	a3	9
48355.1	2.5	8.875	57	a3	8	45487.8	3.8	11.578	312	i4	6	49182.5	2.3	11.883	251	i4	9
48417.3	3.8	9.472	30	i3	17	45536.4	1.5	10.403	58	a3	15	49227.1	4.7	10.478	89	a3	20
48508.1	2.6	8.849	28	a3	12	45578.6	1.2	11.709	95	i3	11	49276.6	5.2	11.235	142	i3	16
48577.5	2.5	9.171	31	i3	7	45627.5	1.5	10.187	75	a6	16	49336.2	0.8	10.008	414	a6	12
48734.8	3.3	8.749	37	a5	31	45797.3	1.4	10.552	50	a3	10	49498.9	1.3	10.128	145	a4	11
48955.5	1.0	9.453	50	i6	8	45844.1	0.9	11.625	74	i5	8	49533.9	4.3	11.266	133	i3	18
49129.1	3.9	9.205	43	i6	10	45887.6	1.6	10.509	56	a3	11	49577.3	1.3	10.453	40	a3	23
49171.1	2.1	8.795	25	a6	21	45917.2	2.5	11.294	239	i6	12	49619.9	1.4	11.333	110	i3	19
49292.2	5.9	9.266	75	i5	11	45953.4	1.6	10.390	251	a6	18	49673.3	2.0	10.530	89	a4	24
49335.9	1.1	9.063	16	a5	6	46019.4	1.9	11.614	156	i3	14	49722.5	2.3	11.721	136	i3	10
49421.3	1.3	9.513	37	i5	6	46065.9	1.1	10.357	48	a3	9	49765.1	1.4	10.391	215	a6	7
49476.9	1.0	8.784	7	a6	8	46284.1	2.1	11.347	116	i3	11	49810.8	1.2	11.594	142	i3	5
49609.3	0.2	9.578	3	i6	7	46332.4	2.0	10.511	62	a3	14	49847.2	1.0	10.457	66	a3	13
50106.2	0.5	8.408	117	a6	7	46372.1	2.3	11.370	149	i6	19	49891.1	2.0	11.328	88	i3	22
50164.3	1.2	9.536	26	i4	7	46505.9	2.1	10.503	161	a5	7	49936.3	2.4	10.196	92	a4	31
50243.7	2.7	8.936	23	a3	10	46565.6	0.7	11.223	42	i5	10	49971.6	2.4	11.131	259	i5	15
50659.4	1.7	9.501	27	i6	16	46606.5	0.2	8.574	668	a5	6	50032.0	0.8	10.258	58	a6	23
50828.2	4.0	8.534	34	a5	13	46628.1	1.1	11.393	71	i5	11	50070.0	1.9	11.639	163	i3	14
50951.1	5.2	9.383	72	i4	10	46681.0	2.6	10.314	125	a3	13	50108.1	0.5	10.485	26	a3	6
51022.4	3.2	8.679	97	a6	13	46729.5	3.8	11.552	159	i5	14	50243.0	2.2	11.608	146	i3	12
51089.4	2.6	9.439	45	i3	5	46774.3	1.2	10.277	70	a6	15	50272.1	4.2	10.693	214	a6	23
Cyg AV						46893.6	0.6	11.210	5	i6	7	50373.5	1.7	10.528	130	a6	12
42190.6	0.6	10.696	2	a5	6	46949.6	1.7	10.628	38	a3	14	50547.7	2.6	10.619	124	a3	8
42311.3	0.2	11.483	21	i6	8	46989.9	2.5	11.128	61	i4	18	50592.8	1.5	11.761	67	i3	16
42347.4	1.5	10.518	60	a3	12	47035.8	1.7	10.560	50	a3	14	50656.5	2.2	10.582	175	a6	14
43385.4	1.2	12.083	118	i4	10	47072.0	3.0	11.403	112	i3	15	50687.9	2.9	11.480	108	i3	21
43422.9	1.5	10.488	76	a4	15	47103.6	1.5	10.509	120	a6	13	50730.6	2.0	10.515	55	a3	33
43509.0	2.7	11.310	45	i3	18	47292.4	1.1	10.555	36	a5	8	50772.1	2.1	11.623	125	i3	19
43686.6	2.1	10.615	125	a5	11	47334.8	2.4	11.230	80	i3	12	50927.6	2.0	11.719	169	i4	11
43748.8	1.0	11.750	36	i4	8	47379.7	1.3	10.421	67	a6	10	51005.7	2.8	10.514	110	a6	17
43825.3	1.0	11.792	59	i5	18	47429.7	1.1	11.774	149	i3	13	51070.0	4.2	10.636	62	a3	14
44000.9	0.5	11.642	24	i4	7	47472.3	3.9	10.656	62	a4	18	51157.7	1.5	10.598	64	a3	22
44058.4	1.4	10.417	93	a4	8	47732.5	2.8	10.437	161	a5	9	51190.1	1.7	11.672	132	i6	10
44103.0	3.0	11.742	167	i3	5	47781.7	1.4	11.003	148	i5	10	51264.3	0.8	9.944	309	a5	9
44141.9	0.2	9.996	118	a6	8	47830.8	0.8	10.322	45	a6	14	51327.7	2.1	10.404	99	a3	17
44179.0	7.6	11.320	100	i3	10	48001.5	2.7	10.392	228	a4	7	51377.0	2.8	11.533	117	i3	22
44229.7	0.7	10.276	48	a3	10	48044.7	1.7	11.673	102	i3	12	51403.4	1.8	10.528	137	a6	17
44270.5	0.7	11.692	61	i3	6	48086.0	5.9	10.613	89	a3	18	51503.0	3.4	10.558	144	a3	15

Table 5 (continued).

t_e	σ_t	m	σ_m	type	n	t_e	σ_t	m	σ_m	type	n	t_e	σ_t	m	σ_m	type	n
Cyg AW						25549.9	4.3	7.310	35	a4	104	37880.5	3.4	8.793	63	i3	37
29149.4	7.9	8.788	53	a3	21	25752.0	2.3	8.941	43	i5	31	38019.4	6.4	7.249	52	a6	45
29258.2	6.6	9.274	34	i6	24	25880.7	5.4	7.302	61	a5	71	38331.7	4.1	8.903	62	i6	57
29438.5	5.2	8.750	41	a5	15	25920.2	1.3	8.072	72	i4	31	39923.1	3.5	8.967	178	i4	10
29804.6	2.8	9.361	81	i5	14	25992.2	6.6	7.409	45	a3	55	40035.6	6.5	7.378	79	a4	24
32311.0	5.5	9.979	263	i5	13	26141.9	3.9	8.824	46	i3	65	41553.0	4.7	8.618	45	i3	64
32437.7	6.5	9.197	100	a5	32	26283.8	5.9	7.352	32	a3	83	42949.5	4.4	7.243	60	a5	56
39317.0	2.7	10.728	367	i5	13	26331.8	1.3	7.701	42	i5	29	43388.3	2.9	7.177	36	a3	74
40039.2	2.8	8.524	62	a5	36	26368.6	6.1	7.339	81	a5	43	44089.0	2.5	8.880	38	i3	45
40124.8	2.3	9.803	85	i3	14	26565.4	1.9	9.115	61	i3	47	44511.6	1.7	8.965	37	i3	76
40246.2	3.2	8.452	184	a6	35	26696.8	5.6	7.607	41	a3	51	44652.3	3.8	7.151	128	a4	31
40524.8	7.1	9.602	75	i4	14	26748.1	2.2	8.048	115	i6	17	44715.8	0.4	7.825	9	i4	6
Cyg BC						26831.0	12.6	7.499	91	a6	48	44773.2	6.2	7.316	59	a3	50
42617.0	12.8	10.067	67	i6	18	27001.1	3.3	8.833	57	i3	59	44931.2	3.2	8.922	37	i3	71
43012.8	2.5	8.808	28	a6	23	27168.3	5.6	7.515	42	a4	75	45137.0	7.7	7.354	47	a3	106
43720.8	9.0	9.039	58	a6	18	27419.2	2.9	9.083	42	i3	50	45361.0	4.5	8.916	89	i3	25
44282.1	42.3	10.405	287	i6	19	27549.9	3.0	7.479	62	a6	26	45612.2	7.1	7.643	55	a5	96
45294.7	5.1	9.335	68	a6	15	27627.0	2.8	8.179	38	i3	23	45763.4	3.0	8.965	67	i3	33
45598.9	15.0	10.297	70	i4	14	27705.7	6.0	7.695	57	a3	59	45905.8	3.1	7.493	67	a3	41
46737.8	7.7	9.925	31	i4	8	27842.7	1.6	9.430	95	i3	31	45960.0	3.2	8.106	112	i3	22
47084.4	9.9	9.405	32	a6	19	28044.6	6.7	7.551	36	a3	93	46031.9	4.2	7.367	54	a3	46
47566.5	4.1	10.700	138	i3	10	28258.9	2.3	8.933	41	i3	32	46189.4	5.5	8.801	75	i3	26
47841.6	32.3	9.100	42	a4	33	28378.4	2.9	7.632	61	a4	32	46321.6	6.7	7.525	41	a5	120
48290.8	8.6	9.982	84	i3	10	28433.2	1.6	8.080	45	i6	41	46603.6	4.7	8.656	56	i3	67
48972.4	4.1	10.146	30	i6	11	28491.9	3.0	7.456	43	a4	60	46807.4	4.7	7.372	46	a3	117
49211.9	4.8	8.943	92	a6	12	28671.5	1.5	9.355	33	i3	39	47035.1	2.5	8.848	45	i3	66
49404.2	14.0	9.926	83	i6	21	28882.7	5.6	7.490	48	a3	53	47244.2	4.2	7.356	58	a3	93
49899.9	17.8	9.181	62	a4	16	29101.0	2.8	9.136	39	i3	32	47458.4	3.1	8.670	48	i3	93
50135.5	2.4	11.102	389	i5	14	29313.1	3.4	7.565	42	a3	74	47665.4	3.6	7.187	40	a3	138
51028.8	19.7	9.655	60	i3	13	29533.5	2.5	9.141	48	i3	41	47892.8	3.2	8.769	46	i3	124
Cyg RS						29682.5	4.3	7.547	45	a3	13	48147.8	4.1	7.229	45	a6	139
23082.0	4.9	7.457	99	a3	11	29739.5	2.5	7.786	30	i3	7	48317.2	4.4	8.750	90	i3	63
23242.1	3.8	9.262	80	i4	26	29808.8	4.9	7.256	146	a4	17	48527.9	3.4	7.352	29	a3	163
23351.1	2.9	7.464	86	a3	18	29970.4	2.1	9.729	50	i5	20	48757.2	2.4	9.064	49	i3	79
23418.9	2.0	8.402	122	i5	19	30228.6	4.1	7.637	39	a3	18	48954.5	3.4	7.255	32	a3	207
23554.6	1.8	7.249	124	a5	10	30398.6	8.3	8.924	102	i3	12	49190.8	2.2	8.798	39	i3	166
23620.5	8.7	8.727	88	i3	22	30584.9	4.2	7.436	33	a3	28	49400.5	2.4	7.214	37	a3	169
23748.2	3.8	7.049	69	a3	16	30771.0	3.9	8.667	44	i3	28	49619.4	1.7	8.814	30	i3	231
23817.0	2.2	8.095	85	i3	21	30932.2	5.8	7.481	41	a5	37	49805.8	2.6	7.247	27	a3	306
23879.5	4.5	6.983	102	a4	24	31251.8	1.6	8.868	50	i6	8	50031.2	2.0	9.222	35	i3	219
24042.9	3.1	8.758	69	i3	46	32464.0	2.6	9.574	77	i3	17	50241.6	2.2	7.254	26	a3	293
24214.2	7.3	7.000	857	a6	18	33125.2	3.0	7.378	31	a3	15	50466.0	6.2	8.988	36	i3	144
24302.9	3.8	6.854	86	a5	17	33569.0	1.7	7.376	71	a3	17	50741.1	2.9	7.232	22	a5	342
24460.3	4.3	9.166	145	i6	36	33940.5	2.1	7.589	37	a3	33	50886.7	1.8	8.835	52	i3	70
24586.0	5.3	7.301	57	a3	13	34162.2	4.0	8.840	38	i6	17	51026.8	4.6	7.464	39	a4	126
24640.8	1.5	7.826	56	i6	28	34985.7	5.1	9.276	112	i3	19	51071.9	2.3	7.742	51	i3	58
24732.7	3.0	7.210	32	a3	98	35424.9	3.8	9.363	78	i4	39	51133.7	2.9	7.086	24	a4	141
25124.4	8.5	7.621	89	i6	88	36389.4	5.6	8.106	54	a5	38	51306.2	1.9	8.845	43	i3	91
25153.1	2.0	7.295	56	a6	67	36552.2	2.7	8.772	57	i3	14	Cyg RU					
25309.4	3.0	8.959	77	i3	45	36828.3	1.9	7.971	44	a4	12	24343.1	6.7	8.270	89	a3	12
25432.0	3.0	7.436	51	a3	56	36899.3	1.7	8.858	35	i3	15	24448.0	2.5	10.512	393	i6	7
25489.2	2.8	8.009	83	i3	30	37669.4	9.4	7.720	93	a3	30	24608.2	2.0	7.429	47	a3	25

Table 5 (continued).

t_e	σ_t	m	σ_m	type	n	t_e	σ_t	m	σ_m	type	n	t_e	σ_t	m	σ_m	type	n
24727.8	1.9	8.969	65	i3	24	33381.4	2.6	9.055	65	i3	18	45112.5	3.3	8.813	45	i5	11
24806.8	1.4	7.929	39	a6	68	33494.2	4.3	7.977	72	a3	22	45177.8	4.2	8.298	53	a3	19
24937.8	2.0	9.232	42	i3	53	36078.2	2.0	7.485	40	a4	23	45280.7	6.0	9.111	57	i5	28
25045.8	0.8	7.137	22	a4	117	36462.7	2.0	9.689	92	i4	17	45521.0	4.4	8.969	63	i5	38
25193.7	2.3	9.119	39	i4	74	36531.3	1.7	7.260	199	a6	15	45754.8	7.1	8.922	56	i3	24
25272.1	2.3	8.329	27	a4	64	36772.2	1.4	7.518	44	a6	23	45894.4	1.7	8.277	19	a3	62
25418.8	2.1	9.233	44	i5	65	36899.4	1.1	9.777	70	i3	20	46014.7	2.9	8.705	17	i3	97
25525.7	0.9	7.905	18	a3	96	37243.8	4.8	8.355	111	a3	16	46225.5	4.7	9.036	47	i3	46
25659.7	2.0	9.643	49	i3	30	37325.3	2.7	9.119	37	i3	13	46349.6	2.5	8.168	28	a3	113
25764.5	2.9	8.354	30	a3	45	37458.2	2.1	7.741	38	a3	31	46473.2	3.1	8.850	26	i3	52
25877.0	1.7	9.648	54	i3	23	37779.1	3.2	9.090	34	i5	93	46582.0	3.7	8.325	27	a3	90
26000.8	1.2	7.734	32	a3	45	37901.7	1.6	7.666	32	a3	47	46692.4	1.9	8.959	27	i3	102
26152.2	1.9	9.901	41	i4	32	38076.4	5.5	9.240	48	i4	61	46788.3	2.0	8.252	31	a3	114
26254.4	1.3	8.080	29	a3	59	38367.1	3.4	7.930	39	a3	67	46926.0	2.3	8.991	21	i3	64
26350.9	2.2	9.089	52	i3	16	38551.9	4.4	9.653	73	i4	14	47069.0	4.0	8.438	24	a3	78
26468.3	1.3	7.584	19	a3	72	38670.9	8.3	8.344	52	a5	28	47165.6	4.2	8.804	23	i3	63
26618.9	1.8	9.724	44	i4	41	39002.3	4.5	9.257	70	i3	19	47278.3	5.8	8.401	28	a4	68
26703.3	1.0	7.906	27	a6	46	39158.0	5.6	8.306	58	a3	14	47396.7	3.9	8.623	16	i3	139
26829.1	3.0	8.980	41	i3	36	39252.8	2.9	8.759	33	i3	24	47523.1	1.2	7.784	27	a3	112
26946.8	1.8	7.885	42	a3	48	39337.4	4.4	8.156	49	a4	62	47649.0	4.4	8.663	19	i3	85
27298.4	3.5	9.203	46	i3	37	39724.6	2.6	8.908	44	i3	26	47782.4	1.8	8.056	31	a4	81
27418.2	1.1	7.840	73	a3	21	39820.0	5.1	8.303	38	a3	41	47857.0	1.9	8.598	15	i3	139
27543.9	2.5	9.881	75	i3	27	39952.8	3.5	9.229	80	i3	24	47975.0	1.9	8.035	23	a3	83
27665.2	0.9	7.972	37	a3	47	40072.8	4.4	7.933	66	a4	46	48132.9	2.9	8.787	18	i4	138
27762.7	2.7	9.150	43	i3	27	40419.0	1.7	9.448	37	i3	21	48227.0	1.6	8.300	26	a3	73
27873.2	1.7	8.446	24	a3	24	40548.9	2.1	8.179	35	a3	33	48334.8	3.4	8.758	31	i3	71
28019.7	2.1	10.174	178	i3	8	40708.1	1.7	9.230	55	i6	10	48454.0	2.0	8.285	22	a3	87
28146.6	2.3	8.248	40	a3	41	40747.1	3.4	8.293	74	a5	28	48574.9	2.7	8.849	19	i3	119
28248.9	2.7	9.246	68	i3	13	40895.8	3.7	9.658	79	i3	19	48697.8	5.0	8.337	44	a3	35
28351.9	3.0	8.545	29	a3	62	41015.0	2.4	7.435	105	a3	13	48820.7	4.2	8.712	16	i3	91
28488.4	3.2	9.825	99	i3	22	41145.7	2.8	9.155	31	i3	61	48929.9	3.1	8.275	30	a6	89
28606.8	3.1	8.237	83	a3	24	41241.3	2.0	8.167	31	a4	62	49060.1	3.8	8.810	33	i3	44
28708.4	1.5	9.610	91	i6	15	41601.8	2.4	9.293	59	i3	44	49166.9	3.5	8.468	26	a3	68
28834.9	2.7	8.377	61	a6	21	41929.0	3.9	8.304	39	a3	28	49282.9	4.2	8.738	25	i3	59
28930.4	3.4	9.154	30	i3	17	42215.8	5.0	8.387	50	a3	15	49386.1	3.3	8.283	36	a3	24
29066.6	2.1	7.683	53	a3	20	42308.7	2.8	9.096	64	i5	13	49488.8	11.3	8.689	25	i3	37
29189.7	2.2	9.076	37	i3	45	42391.6	2.1	8.222	60	a4	16	49664.6	3.1	8.329	24	a5	112
29278.7	2.0	8.146	54	a3	35	42637.2	1.3	7.805	32	a4	88	50588.7	4.2	8.268	52	a6	33
29401.5	2.3	9.416	39	i3	19	42792.2	4.3	9.079	72	i6	37	51075.7	1.9	8.066	29	a3	78
29529.0	1.9	7.923	59	a3	26	43127.2	2.7	7.911	37	a3	17	Cyg RV					
29646.7	4.9	9.085	45	i3	31	43226.5	2.0	8.815	46	i3	12	24625.6	3.7	7.682	118	i5	18
29750.6	1.2	8.027	39	a5	6	43329.9	7.1	8.124	54	a3	36	24684.3	1.7	7.143	25	a4	21
29848.8	2.5	9.469	58	i4	28	43673.3	7.3	8.859	30	i3	27	24706.1	2.6	7.460	69	i5	31
29982.7	2.4	7.694	77	a3	17	43797.4	3.1	8.386	36	a5	25	24807.4	2.6	7.218	49	a6	56
30234.2	5.1	8.803	39	a3	19	43908.5	4.9	8.915	39	i3	17	24849.1	2.8	7.426	87	i6	23
30325.3	5.3	9.199	60	i3	14	44033.7	3.2	8.360	22	a3	12	24894.4	4.0	7.046	35	a5	36
30601.3	2.8	9.354	43	i4	16	44157.0	5.0	8.852	39	i3	21	25030.0	0.9	7.697	84	i6	14
30691.8	3.9	8.718	34	a3	15	44271.6	1.8	8.147	40	a5	10	25085.4	3.7	7.162	22	a5	55
31058.3	3.3	9.118	43	i3	15	44379.4	3.4	8.857	35	i3	11	25223.7	4.2	7.489	103	i5	15
31390.1	2.4	8.085	45	a3	10	44515.8	6.2	8.196	52	a3	21	25338.7	4.7	7.103	26	a3	38
33181.3	3.8	8.996	66	i3	14	44831.5	3.8	8.831	47	i3	19	25468.6	4.0	7.575	36	i3	51
33269.5	4.1	8.294	41	a3	31	44943.7	3.6	8.118	29	a3	30	25621.4	5.7	7.139	29	a6	53

Table 5 (continued).

t_e	σ_t	m	σ_m	type	n	t_e	σ_t	m	σ_m	type	n	t_e	σ_t	m	σ_m	type	n
26132.5	1.4	7.772	188	i6	14	49526.7	7.1	8.587	47	a5	23	44905.0	4.0	13.793	92	i4	9
26293.3	6.3	7.134	38	a6	46	49955.8	3.9	9.280	54	i4	8	45031.0	1.7	10.959	74	a3	13
26441.8	4.2	7.822	151	i6	11	50150.8	6.0	8.646	32	a6	18	45224.1	4.6	14.056	383	i5	6
26503.1	8.5	7.193	37	a5	36	50511.0	4.7	9.336	24	i3	13	45574.0	2.3	11.014	45	a3	39
26707.7	0.1	7.903	3	i6	7	Cyg RZ						45973.3	3.3	13.342	90	i3	34
28914.1	6.8	8.120	41	i3	31	22779.9	3.6	13.552	102	i3	23	46113.1	1.6	10.761	65	a3	21
30331.0	2.0	8.217	37	i3	15	22966.5	1.9	10.179	68	a3	16	46254.4	5.5	12.610	70	i3	36
30666.0	3.6	7.625	33	a3	28	23054.5	2.5	11.978	32	i5	6	46373.7	3.0	11.670	33	a3	42
30966.1	4.0	8.080	30	i3	20	23348.0	1.8	13.481	25	i3	14	46515.3	6.8	13.213	259	i3	13
36092.7	3.5	8.565	75	i4	15	23518.1	2.3	10.930	85	a4	11	46652.2	2.4	11.113	29	a3	71
36833.6	1.9	9.000	44	i3	21	23665.2	3.2	13.011	61	i3	16	47051.9	3.2	13.449	66	i3	28
37009.0	4.2	7.880	142	a5	17	23747.6	0.7	10.803	35	a6	17	47193.1	2.8	11.262	54	a3	33
37063.3	2.9	8.255	48	i6	21	23916.3	4.1	13.415	94	i3	17	47341.6	3.1	13.149	69	i3	33
37156.5	3.5	7.034	82	a4	30	24074.0	1.7	10.024	73	a6	21	47460.7	2.7	11.495	49	a3	41
37327.0	4.3	8.814	62	i6	32	24214.1	0.9	13.286	79	i3	9	47717.4	3.7	10.847	76	a4	26
37627.2	3.3	7.632	52	a6	57	24321.5	2.5	11.129	70	a3	18	48030.8	4.7	11.431	147	a4	11
37766.9	2.3	8.890	58	i5	15	24471.0	2.4	13.357	49	i3	15	48148.3	2.7	12.783	89	i3	18
44504.9	4.1	8.351	266	i6	11	24627.8	1.9	10.584	52	a6	20	48817.9	2.4	10.594	173	a6	13
47459.5	2.9	8.309	26	i3	12	24770.0	1.8	13.272	99	i4	17	50161.7	2.7	13.868	128	i3	10
47731.2	4.2	7.790	28	a3	31	24843.5	1.9	10.716	85	a4	19	50319.8	3.5	11.245	52	a3	43
47873.4	5.9	8.375	28	i3	29	25072.5	3.0	13.309	142	i6	13	50436.8	2.7	12.160	47	i3	11
47965.7	5.6	7.977	66	a6	26	25149.1	1.3	9.913	59	a4	25	50530.1	2.1	11.107	82	a3	11
48173.5	3.6	8.357	24	i3	10	25330.5	1.5	13.335	54	i3	19	50706.6	1.8	14.256	63	i3	22
48284.8	6.0	8.069	35	a5	15	25443.2	1.4	10.619	76	a3	15	50868.0	2.9	10.901	124	a3	12
48554.8	3.1	7.805	138	a6	23	25562.2	1.7	13.363	56	i3	29	51013.0	4.2	12.590	93	i5	16
49072.5	3.7	8.364	31	i3	10	25692.4	1.5	10.183	69	a3	24	51082.6	4.0	11.443	79	a4	30
49973.5	7.3	8.149	73	i6	13	25862.3	2.7	13.288	56	i4	24	51256.2	1.9	14.195	132	i3	20
Cyg RW						25985.7	2.8	10.968	75	a3	20	51410.2	1.4	10.536	59	a3	46
34881.0	5.4	9.938	65	i3	20	26115.5	1.4	13.355	57	i3	21	51551.2	2.8	12.762	47	i3	21
35029.1	8.2	9.022	88	a6	31	26247.5	1.2	10.342	54	a3	24	Cyg TT					
35749.8	8.9	8.141	152	a3	9	26401.5	1.2	13.374	37	i4	25	28051.3	2.2	7.735	118	a5	18
38257.3	8.7	8.718	39	a4	38	26487.9	1.9	10.969	83	a4	18	28533.3	3.3	7.824	47	a3	8
42699.3	2.6	9.643	49	i3	18	26652.4	2.5	13.409	70	i3	22	31719.5	0.7	6.745	244	a3	7
43481.3	6.2	9.779	75	i3	19	26785.6	0.9	9.906	42	a6	22	31937.6	2.7	8.993	175	i3	7
43808.5	6.2	8.965	33	a5	28	26953.3	1.9	13.353	54	i3	25	35337.7	2.7	8.725	62	i3	12
44258.7	4.0	10.000	32	i3	17	27055.5	1.0	11.013	25	a5	23	35405.6	2.3	8.067	101	a6	15
44533.9	5.7	8.823	25	a3	23	27182.7	1.5	13.171	50	i3	23	35440.2	1.9	9.018	137	i6	11
44926.8	20.8	9.276	16	i3	38	27337.6	1.5	10.018	58	a3	39	35759.1	1.1	7.778	40	a3	8
45326.1	4.9	8.772	37	a3	16	27524.6	1.8	13.328	41	i3	31	35801.8	2.0	8.449	38	i6	10
45484.0	15.6	9.218	29	i5	36	27653.3	2.2	11.500	72	a3	17	36060.0	2.8	8.892	145	i5	9
45976.2	12.4	8.643	27	a3	40	27735.0	2.8	12.912	91	i3	24	36104.5	5.2	7.694	105	a5	13
46238.7	6.8	9.142	40	i3	14	27852.3	2.5	9.799	101	a4	33	37275.7	10.6	7.585	18	a5	89
46621.4	6.6	8.653	39	a5	22	28177.5	3.9	11.433	125	a4	35	39488.2	4.5	8.171	59	i3	14
46770.0	5.4	9.213	32	i3	15	28288.7	1.5	13.113	77	i5	8	39699.6	5.7	8.226	52	i3	32
47043.9	2.3	9.262	32	i6	11	28417.0	5.4	10.628	120	a3	22	39851.8	6.4	8.078	52	i6	33
47136.4	2.6	8.934	22	a6	16	28629.4	4.5	13.365	60	i5	26	39969.5	3.4	7.444	62	a3	13
47370.9	3.6	9.694	38	i5	6	28708.3	1.5	10.823	90	a6	7	40044.5	7.6	7.999	52	i3	13
47833.4	8.8	9.134	23	a5	28	28760.9	0.7	13.044	87	i6	7	40125.7	4.6	7.590	56	a3	13
47937.1	1.0	9.890	77	i6	11	29433.5	1.3	13.150	135	i3	9	40343.3	2.2	7.552	43	a6	9
48707.7	4.7	9.659	82	i6	14	29531.5	1.5	10.794	78	a3	20	40414.2	2.8	8.225	200	i3	5
49083.8	4.3	8.532	49	a6	13	44208.3	3.0	11.285	32	a3	12	40497.3	2.0	7.638	71	a6	15
49398.6	11.8	9.117	42	i5	13	44481.5	3.2	10.631	68	a3	7	41489.0	1.0	7.245	250	a6	11

Table 5 (continued).

t_e	σ_t	m	σ_m	type	n	t_e	σ_t	m	σ_m	type	n	t_e	σ_t	m	σ_m	type	n
41633.2	1.2	7.174	56	a3	11	20294.6	1.4	6.770	31	i3	19	34234.3	1.8	5.785	32	a5	13
43472.7	2.8	8.810	77	i6	13	24792.3	2.9	7.347	153	i4	18	34392.7	2.9	7.347	69	i3	10
43542.0	3.3	8.030	58	a3	7	24913.8	2.0	5.792	21	a3	25	34716.1	3.0	5.720	116	a5	24
43688.8	2.6	8.656	56	i5	16	25114.4	1.2	6.684	43	i6	25	35008.5	1.9	5.877	46	a3	88
43791.9	3.1	8.222	126	a6	16	25170.0	1.5	5.736	33	a3	52	35360.3	1.8	7.249	42	i3	91
44001.9	14.6	7.979	45	a3	13	25245.8	2.7	6.661	36	i5	129	35456.9	1.6	5.454	64	a3	51
44106.7	4.7	8.275	71	i4	13	25457.1	1.4	5.987	58	a6	57	35579.5	3.3	7.078	125	i3	32
44218.5	4.2	7.633	45	a3	15	25506.6	1.1	6.768	24	i3	58	35693.7	2.3	5.396	68	a4	51
44323.9	7.0	8.321	108	i6	12	25592.9	1.5	5.701	34	a3	68	35806.2	4.9	6.687	44	i3	64
44593.7	6.3	7.448	42	a3	20	25678.1	1.5	6.595	26	i3	44	35964.0	12.8	5.945	225	a4	9
45748.9	13.1	8.187	92	i5	15	25814.8	1.6	5.796	30	a6	118	36049.9	4.6	6.916	50	i4	65
46127.7	0.3	8.870	257	i6	8	25929.0	2.5	6.669	27	i5	117	36157.6	2.6	5.967	37	a4	60
46333.5	0.2	8.318	42	i5	6	26098.0	6.0	6.054	33	a3	85	38713.5	2.1	6.503	57	i3	10
46551.3	2.4	8.407	36	i3	16	26945.3	1.2	6.666	15	i3	134	38985.2	2.6	6.645	72	i4	10
46756.9	3.4	8.102	41	i6	26	27031.1	1.6	5.993	18	a3	26	41156.7	1.9	6.884	37	i3	90
46855.6	3.6	7.721	60	a3	10	27295.8	0.9	5.893	18	a3	30	41225.2	1.3	5.732	38	a3	92
46996.9	6.5	8.293	100	i6	27	27358.0	1.1	6.506	20	i3	53	41292.7	1.4	6.834	31	i3	85
48086.6	4.0	8.354	71	i3	9	27611.3	1.2	6.515	15	i3	55	41424.4	2.6	6.997	82	i3	15
48136.2	1.1	6.875	447	a6	8	27680.0	1.2	5.887	33	a6	121	41491.8	1.5	5.632	52	a3	56
48467.4	2.8	8.485	64	i3	9	27743.8	1.6	6.465	22	i3	109	42386.5	1.7	6.764	20	i3	184
48607.6	7.0	8.125	133	i4	9	27808.3	1.8	5.974	31	a3	81	42457.9	3.3	6.016	63	a6	120
48799.1	4.9	8.578	96	i6	16	27876.1	2.0	6.809	79	i3	18	42625.1	1.5	6.939	24	i3	177
50700.6	2.4	8.156	26	i3	19	27941.4	1.2	5.754	32	a3	31	42712.3	1.4	5.765	38	a3	121
Cyg V460						28003.7	0.9	6.609	20	i3	98	43448.1	1.3	5.956	25	a3	197
44506.7	4.9	6.161	31	a3	19	28051.8	1.5	5.820	28	a4	161	43788.1	1.2	6.627	17	i3	321
44849.2	1.1	6.179	11	a6	11	28133.2	0.9	6.851	30	i3	111	43863.5	1.1	5.745	25	a3	169
44894.4	2.3	6.987	77	i3	9	28183.3	1.3	5.564	43	a4	49	44556.9	1.8	5.739	18	a3	236
45066.7	1.7	7.158	84	i3	5	28266.0	1.0	7.055	55	i5	15	44905.9	0.9	6.751	28	i3	217
45237.1	4.2	6.990	64	i3	15	28318.5	1.9	6.039	39	a3	39	44964.6	2.8	5.741	45	a4	112
45287.1	1.0	5.957	93	a6	8	28391.4	0.9	6.934	25	i3	131	45053.1	3.7	6.360	57	i3	31
45544.7	2.9	7.013	45	i3	12	28453.9	0.8	5.963	22	a3	151	45093.1	2.3	5.897	100	a5	53
45598.1	3.7	6.544	39	a5	25	28532.2	2.2	6.718	24	i3	77	45166.8	1.8	6.728	35	i4	151
45859.5	0.9	6.967	65	i5	10	28714.3	1.1	6.105	19	a4	109	45236.5	1.4	5.644	31	a4	226
46283.9	2.7	6.459	20	a3	49	28795.0	3.7	6.693	35	i6	103	45310.9	1.3	6.561	34	i3	129
46348.8	3.2	6.861	36	i3	21	28880.6	1.8	6.118	29	a3	90	45557.6	1.0	6.486	19	i3	270
46618.5	3.3	6.172	43	a3	25	29138.3	1.8	6.059	22	a3	103	45632.7	1.3	5.693	22	a3	260
46702.1	5.1	6.645	47	i3	23	29207.7	2.7	6.429	31	i3	51	45752.6	1.1	5.578	58	a3	43
46844.7	4.7	6.070	143	a6	13	29247.4	1.5	6.078	35	a4	49	45825.9	2.8	6.350	36	i3	91
46907.1	3.9	6.155	114	a5	13	29311.3	2.6	6.625	24	i3	40	45902.3	1.2	5.671	25	a3	201
46989.6	8.6	6.631	52	i4	30	29385.8	1.2	5.813	34	a3	31	45963.5	1.2	6.427	26	i3	183
47336.3	3.2	6.664	44	i4	37	29448.6	1.3	6.627	17	i3	68	46018.0	1.3	5.729	40	a3	130
47424.7	2.8	6.251	32	a3	49	29503.6	2.6	6.015	42	a6	56	46640.6	1.1	5.617	21	a3	203
47498.3	2.3	6.660	70	i3	31	29576.5	1.2	6.509	20	i3	29	47619.7	2.1	5.833	61	a3	57
Cyg W						29630.9	1.7	5.936	34	a3	28	47690.1	1.5	6.502	24	i3	179
17948.7	1.8	6.788	23	i6	14	29832.7	2.5	6.702	32	i3	44	47748.3	0.9	5.767	26	a3	201
18032.3	4.5	6.116	44	a6	26	29897.3	1.6	5.776	48	a3	50	47814.8	1.5	6.548	17	i3	391
18539.1	2.1	5.569	63	a3	15	29968.1	1.5	6.737	24	i3	37	47888.7	1.2	5.685	31	a3	163
19041.4	1.8	5.627	76	a5	13	30223.2	1.7	6.689	52	i3	36	47952.1	1.6	6.634	31	i3	133
19970.8	1.1	5.394	39	a3	20	30275.7	1.8	5.349	72	a4	46	48024.3	1.9	6.020	32	a3	111
20028.4	1.6	6.729	42	i4	27	30348.2	2.1	6.762	51	i3	42	48087.2	1.5	6.649	26	i3	171
20104.1	1.1	5.326	71	a3	13	30610.0	0.9	6.728	27	i3	50	48146.7	1.2	5.964	26	a3	231
20162.7	0.7	6.855	18	i3	17	30666.7	1.4	5.593	72	a4	32	48210.6	1.7	6.431	27	i3	222

Table 5 (continued).

t_e	σ_t	m	σ_m	type	n	t_e	σ_t	m	σ_m	type	n	t_e	σ_t	m	σ_m	type	n
48270.9	3.1	5.717	34	a4	135	41171.0	2.2	6.124	32	a5	17	49844.5	13.4	6.692	10	a5	892
48360.0	2.7	6.451	46	i3	71	41401.5	1.5	5.826	80	a3	6	50248.6	5.3	7.010	34	i5	331
48423.2	1.2	5.688	22	a3	201	41433.9	0.7	6.709	36	i3	10	51388.2	4.1	7.202	15	i6	482
48510.7	0.9	6.643	15	i3	341	41470.2	2.0	5.911	66	a3	10	Dra RS					
48577.2	1.0	5.980	31	a4	181	41591.1	0.9	5.793	30	a4	5	19983.6	1.2	9.421	49	a5	30
48625.4	1.3	6.627	23	i3	147	41919.2	1.4	5.993	59	a3	5	20152.0	1.3	12.058	47	i3	19
48700.7	3.0	5.947	67	a6	58	41950.5	2.0	6.452	65	i3	7	20258.9	1.0	9.658	25	a4	22
48753.3	1.9	6.559	27	i3	121	41993.2	1.4	6.081	113	a5	8	22136.8	1.4	12.152	35	i3	19
48816.9	1.1	5.674	28	a3	182	42012.0	0.9	6.481	22	i3	8	22281.6	0.7	9.802	38	a3	16
48886.2	0.7	6.653	21	i3	253	42222.1	0.3	5.700	28	a3	5	22402.9	1.0	12.071	33	i3	30
48951.1	1.0	5.729	26	a3	165	42286.3	0.9	5.927	75	a3	5	22568.9	1.0	9.342	34	a6	42
49011.0	1.6	6.682	37	i5	114	42666.1	1.8	6.608	68	i5	11	22685.9	1.1	11.932	56	i3	28
49073.0	1.7	5.928	36	a3	60	42718.0	2.6	6.578	70	i4	11	22860.7	1.7	9.885	47	a3	21
49141.7	1.2	6.831	24	i3	153	42765.4	0.2	5.543	70	a6	7	23001.2	1.4	12.119	40	i3	25
49202.8	0.6	5.881	24	a3	181	43044.2	1.5	6.802	62	i3	8	23156.1	1.0	9.119	53	a5	20
49260.3	0.8	6.717	15	i3	240	43073.7	0.3	6.091	7	a5	7	23282.1	0.8	12.196	38	i3	17
49327.6	0.7	5.779	29	a3	161	43370.2	2.1	6.223	64	a6	11	23422.7	1.4	9.636	50	a3	19
49393.0	1.1	6.725	27	i3	117	43421.3	1.8	6.623	41	i4	13	23559.7	1.2	12.256	72	i3	14
49448.7	1.9	5.790	46	a4	61	43456.9	2.0	6.048	81	a3	8	23703.2	2.1	9.681	60	a3	23
49523.4	1.0	6.701	30	i3	181	43482.8	2.0	6.510	60	i3	5	23852.0	1.9	12.577	109	i3	13
49586.1	0.7	5.665	24	a3	210	44819.6	5.7	6.520	53	i5	14	23986.7	1.4	9.674	47	a3	26
49654.9	0.6	6.918	14	i3	381	44969.6	10.3	6.156	48	a5	28	24139.3	1.2	12.341	48	i3	20
49731.2	0.9	5.778	26	a3	154	45053.8	7.1	6.237	85	a6	22	24277.6	2.0	9.714	61	a3	17
49788.6	1.4	6.553	36	i3	57	45221.4	1.3	6.580	32	i3	10	24433.8	2.5	12.167	87	i3	14
49838.6	1.6	5.930	22	a3	151	45320.8	5.9	5.912	90	a3	12	24553.7	2.8	9.614	72	a4	15
49910.9	1.0	6.883	18	i3	337	45764.6	0.3	6.728	26	i6	7	24737.9	2.2	12.250	68	i6	19
49980.7	1.0	5.787	26	a3	241	46599.5	5.0	6.422	44	i6	69	24845.6	1.3	9.240	74	a3	13
50047.7	1.0	6.588	20	i3	156	47950.3	5.4	6.550	39	i5	57	24984.9	3.0	11.627	67	i3	16
50089.0	0.9	6.044	31	a4	111	48250.3	20.8	6.110	31	a3	46	25121.8	1.9	9.629	79	a3	12
50165.9	1.7	6.703	27	i3	109	48522.7	7.3	5.994	59	a4	37	25247.6	2.4	11.541	82	i3	7
50249.0	1.1	5.875	28	a3	121	48724.2	0.9	6.456	26	i5	6	25370.0	2.0	9.029	149	a5	6
50372.7	1.7	6.258	21	a3	169	Del U						25537.7	3.9	11.163	48	i3	10
50422.0	2.6	6.498	21	i3	137	22540.3	1.8	6.200	42	a3	22	25643.7	2.9	9.999	29	a5	7
50496.2	1.6	5.935	42	a6	101	25227.9	1.1	7.950	80	i3	22	25832.6	4.9	11.096	74	i3	5
50603.3	2.2	6.485	28	i5	106	39775.0	2.9	6.269	74	a5	49	26174.0	2.0	8.858	103	a3	6
50638.8	2.2	6.121	23	a3	141	40061.9	7.7	7.155	49	i5	121	26368.7	6.2	11.365	117	i3	12
50794.0	2.6	5.913	20	a4	372	40145.4	1.7	6.579	46	a3	45	26504.2	2.7	9.725	108	a3	7
50907.5	2.7	6.480	24	i3	161	40396.1	8.6	6.554	37	a3	59	26597.1	2.6	11.217	38	i5	15
51036.8	2.4	6.068	17	a3	280	41260.7	1.5	7.242	29	i6	23	26859.1	1.6	11.289	132	i5	12
51133.5	3.6	6.485	18	i3	205	41336.9	4.1	6.669	12	a5	11	27204.3	2.5	11.138	59	i3	15
51262.2	7.2	6.103	22	a3	231	41552.2	1.7	6.373	22	a3	15	27341.6	1.3	9.404	47	a3	21
51425.1	1.5	6.583	19	i4	316	41606.1	1.9	6.701	24	i3	12	Dra S					
Del EU						42578.5	3.4	7.116	43	i6	56	24936.9	1.9	8.094	27	a4	40
39740.2	1.1	6.673	53	i3	5	44638.3	4.8	6.664	123	a6	36	25016.9	2.6	8.871	28	i3	80
40051.8	0.8	6.524	50	i3	7	44797.1	3.1	7.288	88	i5	25	25111.8	2.1	8.173	24	a3	68
40077.4	3.4	6.161	51	a5	17	45711.8	2.9	7.601	33	i3	115	25185.5	3.7	8.649	33	i3	33
40338.4	2.8	6.163	56	a4	12	46262.1	5.4	6.719	10	a3	920	25352.6	1.3	9.231	23	i3	103
40384.4	2.6	6.498	58	i4	12	46738.6	3.1	7.591	23	i5	347	25452.2	1.2	7.978	23	a3	109
40488.3	3.3	6.468	42	i3	23	47464.2	7.5	6.638	8	a3	1255	25550.1	2.6	9.098	45	i3	39
40552.4	1.6	5.763	70	a3	12	48073.4	2.0	7.500	41	i6	147	25594.8	6.9	8.950	49	a4	35
40709.4	4.9	6.533	107	i5	13	48572.9	3.9	6.589	7	a3	1452	25695.2	2.7	9.311	48	i3	39
41065.2	0.6	6.607	127	i6	12	49201.7	3.6	7.545	22	i3	269	25779.2	2.9	8.518	31	a3	59

Table 5 (continued).

t_e	σ_t	m	σ_m	type	n	t_e	σ_t	m	σ_m	type	n	t_e	σ_t	m	σ_m	type	n
26035.2	5.0	9.304	54	i6	105	44568.2	2.1	9.459	81	i4	8	29399.5	2.7	7.328	71	a4	24
26112.3	2.8	8.619	107	a6	29	44737.1	7.4	8.481	36	a3	84	29701.2	1.5	7.313	45	a3	25
26167.0	4.5	9.085	73	i6	60	44917.8	4.2	9.143	38	i3	48	29755.4	2.2	7.969	54	i3	17
26310.7	1.8	8.404	96	a5	26	45168.3	2.8	8.203	98	a6	39	30000.8	1.9	7.920	71	i5	14
27226.7	5.9	9.210	29	i3	60	45285.8	8.6	9.202	122	i4	35	30032.6	1.1	6.746	81	a3	7
27583.7	3.6	9.057	28	i3	48	45371.7	1.7	8.591	19	a3	10	30251.0	2.3	7.953	34	i3	25
27676.3	1.4	8.339	42	a4	35	45444.5	2.9	9.365	150	i6	20	30884.9	0.9	6.573	542	a5	8
27915.9	7.0	9.313	48	i5	55	45508.9	2.1	8.363	99	a5	39	30930.2	1.3	8.111	44	i3	12
28015.2	3.3	8.660	34	a3	46	45838.0	3.2	8.246	76	a3	32	30965.0	1.7	7.413	54	a3	10
33591.6	2.2	9.583	72	i6	14	45958.9	5.7	9.207	51	i3	51	31540.6	4.0	8.008	104	i5	16
33836.5	2.8	8.346	99	a3	13	46073.0	11.1	8.638	130	a5	48	31630.2	0.9	8.993	305	i5	7
34169.8	2.7	8.225	73	a3	16	46353.2	2.8	9.257	66	i5	26	31708.0	6.2	7.054	299	a6	13
34252.4	3.2	9.503	99	i4	15	46413.1	3.5	8.516	56	a4	11	31814.5	1.9	7.308	48	a6	21
35654.7	2.3	9.626	126	i6	16	46580.9	3.6	8.661	60	a6	44	31887.0	5.1	7.858	68	i3	20
35729.7	2.5	8.394	48	a3	21	46690.3	3.0	9.432	77	i4	33	33403.2	1.6	7.795	96	i3	17
36098.9	2.2	8.486	47	a3	22	47028.9	5.3	9.348	43	i3	69	33443.2	2.2	6.848	102	a3	19
36861.0	3.1	9.531	60	i6	34	47639.2	14.3	9.447	56	i5	115	33491.6	1.8	7.996	55	i4	52
36977.9	3.5	8.388	61	a3	21	47859.5	4.0	8.600	51	a3	74	33520.6	1.2	7.120	88	a4	36
37831.0	4.0	8.698	86	a3	16	47987.2	4.5	9.303	41	i3	75	33566.0	4.3	7.822	57	i3	16
37925.3	3.2	9.450	70	i3	20	48417.2	2.4	8.849	32	a3	93	33597.9	2.5	7.201	91	a3	14
38004.1	4.9	8.733	150	a3	12	48523.6	2.2	9.740	23	i3	80	33624.7	1.3	8.024	52	i5	16
38153.6	1.2	10.709	338	i6	11	48766.6	2.6	8.748	33	a3	91	33667.7	0.6	7.176	21	a6	8
38183.5	1.2	9.019	27	a3	6	48887.9	5.6	9.404	37	i3	115	34118.4	1.4	6.663	56	a3	12
38248.7	3.9	9.685	109	i3	5	49097.5	3.8	8.419	27	a3	94	34509.4	3.5	7.388	67	a3	14
38353.9	7.1	8.625	106	a3	14	49763.5	3.9	9.011	43	a3	93	34633.3	1.3	8.000	34	i4	16
40188.5	3.4	8.669	50	a3	19	49940.5	4.5	9.538	34	i4	97	34696.7	1.4	7.882	40	i3	13
40336.2	7.1	9.036	23	i3	31	50045.6	2.7	8.763	51	a3	49	34742.8	7.3	7.183	132	a6	11
40522.3	4.4	8.491	56	a6	26	50159.3	1.9	9.536	121	i6	18	34786.3	1.4	7.819	49	i3	12
40660.8	2.2	9.116	112	i5	19	50219.0	2.7	8.700	35	a5	147	35027.9	1.4	8.103	48	i3	23
40712.7	1.9	8.488	60	a3	24	50504.4	2.0	10.004	44	i3	32	35340.0	2.3	8.000	43	i5	24
40945.4	5.7	9.084	54	i5	45	50575.9	3.8	9.220	49	a5	70	35389.4	3.2	7.582	60	a3	25
41032.5	3.6	8.404	85	a3	22	50681.4	1.0	9.917	59	i5	45	35966.3	2.5	8.138	39	i4	35
41129.6	4.9	9.156	63	i3	36	50755.8	3.8	9.193	24	a3	79	36351.0	4.4	8.248	90	i5	28
42165.9	2.8	9.681	77	i3	19	50827.2	9.1	9.626	61	i6	58	36447.4	4.4	7.246	70	a6	43
42421.0	4.8	8.297	136	a5	68	51279.5	7.0	9.055	37	a3	72	36744.1	0.7	8.258	40	i3	10
42506.7	3.7	9.359	60	i3	38	Dra TX						36782.7	2.3	6.658	84	a5	15
42595.8	3.2	8.504	50	a3	70	19143.7	3.2	7.862	53	i3	7	37038.6	2.5	8.251	97	i5	17
42671.8	6.2	8.909	35	i3	53	26043.9	1.5	8.071	190	i5	14	37143.9	4.2	7.532	83	a5	22
42740.0	7.7	8.506	97	a3	15	26101.0	0.9	7.509	48	a3	16	38148.0	2.5	7.244	119	a5	11
42841.1	7.3	9.311	94	i3	23	26138.4	0.6	8.674	359	i5	11	38191.3	2.4	8.329	179	i3	6
43058.0	3.9	8.403	159	a6	19	26199.3	1.8	8.011	48	i3	13	38385.5	1.6	7.017	80	a3	8
43184.1	3.0	9.100	77	i3	7	26377.2	2.5	8.085	136	i5	30	39231.2	2.9	7.594	46	a3	10
43259.2	4.9	8.330	71	a3	28	26614.0	1.5	8.127	105	i5	18	39346.4	0.5	8.734	120	i4	5
43520.3	13.8	9.172	121	i6	45	27660.2	2.7	7.039	276	a6	10	40285.1	3.6	7.245	47	a5	34
43614.2	2.3	8.366	85	a6	13	27701.3	0.8	7.883	67	i6	16	40384.4	1.9	7.868	54	i3	26
43694.1	2.6	9.352	44	i3	38	27752.9	2.2	7.222	45	a3	13	40422.1	2.0	7.043	68	a4	21
43798.6	5.0	8.718	50	a3	45	27818.6	0.9	7.902	60	i5	10	40468.1	1.1	7.938	48	i3	36
43945.9	4.6	8.512	61	a3	16	28371.4	1.6	7.811	19	i3	32	40500.4	1.4	7.292	64	a3	27
44036.2	4.9	9.327	59	i5	52	28438.9	3.3	7.333	36	a3	26	40535.1	1.4	7.993	51	i3	35
44179.8	3.9	8.366	173	a6	22	29292.7	1.7	7.964	47	i6	17	40574.5	3.5	7.393	46	a3	21
44321.1	4.0	8.416	56	a3	13	29344.6	0.9	7.010	63	a6	15	40608.2	5.3	7.954	67	i3	11
44475.4	5.0	8.162	56	a3	40	29380.4	0.7	8.060	53	i4	13	40657.2	1.5	7.212	40	a3	17

Table 5 (continued).

t_e	σ_t	m	σ_m	type	n	t_e	σ_t	m	σ_m	type	n	t_e	σ_t	m	σ_m	type	n
40809.6	1.0	7.368	41	a3	33	47186.0	1.6	7.552	69	a3	7	25223.2	1.2	6.139	48	a5	27
40855.3	1.7	8.159	83	i3	23	47480.0	4.0	7.550	49	a5	22	25624.3	3.0	7.059	32	a4	34
40890.0	1.4	7.436	46	a3	37	47674.2	1.8	8.011	7	i3	18	25870.8	3.9	6.654	39	a5	62
40924.3	2.0	8.050	47	i3	23	47735.1	3.0	7.562	51	a6	11	26114.4	5.9	8.364	324	i4	19
40964.8	2.0	7.399	57	a3	19	48012.8	3.1	7.387	90	a6	10	26257.2	1.5	7.026	62	a6	18
41007.5	0.9	8.173	49	i3	29	48074.0	1.7	7.998	14	i3	15	26315.0	1.7	7.411	34	i3	23
41039.7	1.6	7.181	90	a4	23	48141.0	9.5	7.511	67	a4	8	26521.3	10.7	6.939	39	a3	54
41081.1	1.8	8.018	79	i3	34	49732.6	0.9	7.208	29	a6	10	27335.5	0.5	6.463	80	a6	8
41118.8	1.4	7.180	76	a5	28	49845.3	2.8	8.023	36	i4	17	28695.1	3.9	6.424	112	a6	30
41156.5	1.0	8.058	43	i3	42	50249.4	3.4	8.122	54	i3	14	28984.5	9.8	7.398	30	i3	34
41197.6	1.6	7.120	63	a3	24	50426.6	4.1	7.457	39	a5	18	29413.4	8.2	6.818	51	a6	90
41233.5	1.5	7.930	60	i3	25	Dra UX						29630.2	2.7	7.444	26	i3	31
41272.6	2.7	7.413	40	a3	24	19957.0	3.8	7.092	68	i4	9	40517.3	16.5	6.603	76	a3	20
43668.3	5.2	8.041	42	i4	36	40855.8	14.4	6.888	47	i4	13	46577.3	2.1	9.268	663	i5	8
44496.5	30.5	7.986	34	i4	31	47637.5	1.5	6.264	264	a5	13	47113.1	1.3	7.462	36	i3	5
44588.6	0.7	7.133	86	a4	7	47664.8	1.9	7.290	234	i4	8	47182.8	4.0	6.715	64	a3	8
44643.2	0.4	8.251	17	i6	8	48050.6	8.7	6.725	58	i5	54	47796.7	0.5	6.261	37	a4	12
44674.5	3.8	7.319	61	a6	12	48201.3	3.9	7.076	55	i3	28	47829.2	0.6	7.181	35	i3	8
44739.1	1.6	7.423	41	a3	13	48318.9	12.3	6.576	49	a3	33	47875.7	2.3	6.523	43	a3	30
44785.4	0.6	8.366	50	i3	10	48565.4	12.4	6.822	35	i5	64	48212.6	1.8	7.245	57	i4	7
44822.3	0.7	7.072	45	a3	14	48670.3	9.0	6.569	41	a3	16	50425.5	7.4	6.712	213	a4	5
44863.4	1.0	8.244	107	i6	14	48802.6	4.6	6.660	48	a3	20	Gem IS					
44894.4	1.2	7.330	43	a3	16	48875.2	7.4	6.989	47	i3	37	43129.3	0.3	6.368	17	i3	9
44930.8	1.5	8.039	44	i3	16	48942.3	6.2	6.687	102	i5	20	44959.5	0.5	6.167	49	i3	5
44963.8	2.3	7.260	95	a4	9	49523.9	2.3	6.445	65	a6	27	45049.2	1.0	5.963	55	i3	6
45083.2	0.5	8.008	5	i5	9	49882.4	2.8	6.419	38	a4	13	45062.9	0.9	5.698	41	a3	7
45134.3	1.1	7.715	27	a3	6	50021.6	5.4	6.979	72	i6	43	45591.8	1.2	5.791	19	a3	5
45173.0	1.8	8.077	27	i3	19	50504.5	6.8	7.104	48	i3	25	45657.7	4.4	6.030	18	i3	16
45209.3	0.5	7.404	21	a5	7	50932.9	9.1	6.559	91	a6	39	45820.1	4.5	5.760	29	a6	17
45253.0	1.5	8.052	24	i3	9	51057.3	5.1	6.950	70	i5	40	45926.5	1.0	5.635	76	a5	9
45357.4	0.5	7.416	16	a5	7	51091.6	2.4	6.496	82	a5	32	45964.4	0.8	6.264	51	i5	7
45397.9	0.5	8.273	50	i5	8	51209.1	8.2	6.977	73	i4	24	46030.9	5.4	5.906	20	a3	36
45439.4	0.3	7.465	17	a3	6	51300.8	2.7	6.191	72	a6	22	46069.7	0.4	6.157	51	i3	9
45475.6	1.3	8.069	45	i6	8	Dra WZ						46082.3	1.4	5.788	39	a6	29
45558.8	0.8	7.904	17	i3	7	41313.7	3.0	12.967	95	i3	17	46138.6	0.1	6.285	240	i6	7
45627.7	1.1	8.073	17	i3	19	48011.9	2.0	8.699	89	a3	11	46248.4	4.2	5.564	109	a6	30
45665.2	0.4	7.160	28	a3	5	48433.8	2.2	6.910	860	a6	7	46357.7	5.1	6.008	40	i4	18
45761.9	1.5	8.124	62	i3	6	48833.6	2.7	9.563	105	a3	8	Gem NQ					
45904.1	1.8	8.103	31	i6	23	49024.7	7.2	12.273	217	i3	8	47393.0	2.8	6.340	179	a6	47
46027.9	2.2	8.127	66	i6	11	50073.6	3.6	9.323	232	a6	13	50530.4	17.5	7.721	109	a3	10
46077.8	0.7	7.331	62	a6	7	50238.3	2.0	14.053	254	i3	11	50717.4	3.1	8.656	79	i6	33
46119.2	0.8	8.404	266	i6	14	50444.5	2.9	9.368	112	a3	30	51069.4	19.2	7.758	55	a3	65
46202.5	2.3	7.229	122	a3	7	50654.5	1.4	14.400	118	i3	21	51375.3	11.1	8.407	112	i3	20
46242.6	1.0	7.986	21	i3	7	50887.4	1.7	9.206	82	a6	31	Gem RS					
46275.1	2.2	7.574	62	a3	5	51052.4	1.6	14.715	134	i3	26	42073.3	2.8	11.246	66	i3	17
46314.1	0.3	8.021	5	i6	8	51294.2	1.2	9.488	57	a6	69	44286.1	2.0	11.250	31	i3	23
46339.5	1.1	7.207	37	a4	7	51469.5	2.5	14.204	109	i3	25	44564.7	2.1	11.685	62	i3	28
46391.4	1.1	8.230	41	i3	9	Eri SY						44649.3	2.1	9.983	110	a3	23
46777.9	6.5	7.542	47	a3	15	50074.7	4.9	8.577	29	a3	10	44710.4	1.9	11.111	60	i3	19
46855.3	2.5	7.975	44	i3	12	50414.8	6.3	8.475	55	a3	10	44925.5	4.9	10.064	109	a4	25
46905.9	3.7	7.290	108	a6	16	50500.5	1.1	9.719	338	i4	6	45376.1	12.9	10.841	35	i5	74
47134.5	3.4	8.030	27	i5	50	Eri Z						45793.6	2.2	10.093	34	a3	20

Table 5 (continued).

t_e	σ_t	m	σ_m	type	n	t_e	σ_t	m	σ_m	type	n	t_e	σ_t	m	σ_m	type	n
45938.5	4.8	11.103	76	i3	10	27639.9	1.6	9.328	140	a3	20	38239.7	4.7	8.575	42	a3	19
46059.0	3.5	10.447	51	a3	19	27719.7	0.9	11.996	69	i6	29	38370.7	1.4	9.749	51	i5	9
46155.4	1.8	11.546	46	i3	18	27828.8	3.8	9.148	174	a6	12	39628.3	2.2	9.936	112	i3	6
46472.2	1.3	11.615	46	i3	24	27923.1	3.5	11.586	105	i5	15	39736.4	4.0	8.061	92	a3	13
46559.1	2.4	10.019	51	a6	16	27984.2	1.1	9.293	61	a3	38	39865.3	14.6	9.316	110	i3	9
46881.9	1.6	10.209	46	a5	27	28072.2	1.4	12.109	93	i3	26	39962.5	10.3	8.173	134	a3	10
46994.5	1.8	12.565	420	i4	12	28340.8	1.3	9.708	63	a3	15	40092.8	5.6	9.060	166	i5	12
47153.9	2.5	10.288	58	a6	16	28420.2	2.3	11.911	70	i3	36	40429.1	2.8	7.988	110	a3	14
47233.0	2.0	11.140	45	i3	18	28533.6	5.0	10.129	186	a6	20	40527.7	2.6	9.628	117	i3	6
47357.8	4.1	10.365	116	a3	10	28626.0	5.8	11.358	335	i5	6	48079.0	2.6	9.863	94	i3	19
47498.1	2.2	11.218	46	i3	14	28657.6	2.1	9.800	75	a5	37	48425.5	5.6	8.086	76	a3	26
47648.7	18.4	10.398	122	a5	20	29137.6	3.8	11.484	129	i3	10	48815.3	2.9	10.122	123	i3	18
47938.9	6.4	10.630	22	a3	41	29176.6	2.0	10.630	128	a3	6	48914.9	3.0	8.160	64	a3	18
48213.3	2.0	10.079	154	a5	7	29245.6	2.9	11.968	84	i3	11	49051.3	3.1	10.256	188	i3	9
48323.5	3.0	10.502	43	a3	19	29390.0	3.7	9.906	178	a5	7	49151.7	2.7	8.138	62	a3	32
48584.5	1.5	11.401	36	i5	7	29490.9	3.5	10.425	146	a3	10	49477.1	12.2	8.625	111	a6	30
48628.1	1.8	10.025	88	a3	15	49537.2	4.1	11.994	254	i4	11	49556.2	4.1	9.103	69	i3	29
48685.2	1.9	11.195	67	i3	15	49629.3	1.6	10.130	59	a3	20	49630.7	3.6	8.220	81	a3	17
48914.6	3.5	10.096	122	a3	11	49715.9	1.2	11.947	41	i3	5	49868.8	5.6	8.215	82	a6	30
48974.3	2.6	11.180	92	i4	14	50047.3	2.5	11.855	54	i3	17	49972.6	4.1	9.076	53	i3	46
49188.1	4.4	11.577	260	i4	22	50121.2	0.7	10.125	39	a6	7	50086.7	3.7	8.312	85	a3	19
49568.6	5.5	10.651	45	a3	19	50191.4	3.3	12.002	121	i6	19	50193.7	2.3	9.695	140	i3	12
49767.1	3.6	11.219	55	i6	18	50304.7	3.1	10.671	64	a3	37	50327.0	6.0	8.404	43	a3	54
50882.5	1.9	10.498	47	a3	22	50389.8	2.5	12.181	98	i3	12	50701.3	1.1	9.798	72	i5	7
51191.1	2.3	10.326	43	a3	40	50479.3	1.5	10.120	165	a6	12	50870.4	3.2	8.067	141	a5	13
Gem SW						50549.2	3.9	12.008	115	i3	16	50941.7	4.5	9.304	120	i3	18
37380.4	2.2	8.883	30	a3	12	50643.0	2.2	10.619	87	a3	22	51013.6	3.1	8.298	60	a5	44
42145.9	2.0	8.613	55	a6	8	50727.5	2.7	12.062	45	i3	24	51183.6	3.5	9.770	263	i3	5
43486.5	1.4	9.166	41	i3	8	50823.0	1.3	10.524	64	a6	8	51315.8	4.8	8.368	46	a3	42
43729.0	8.3	8.137	271	a6	26	50897.3	2.6	12.270	111	i3	11	51425.5	2.3	9.700	144	i3	14
43954.5	2.8	9.370	44	i4	32	50987.3	3.0	10.793	143	a4	11	51530.1	3.6	8.021	108	a3	14
44251.8	7.0	8.693	26	a4	30	51123.6	2.6	10.955	93	a6	23	Her ST					
44324.4	1.5	9.060	33	i3	16	51307.7	2.6	10.527	65	a3	25	26071.1	2.8	7.013	72	a3	12
Gem TU						51390.3	3.8	12.270	113	i5	25	26141.6	1.2	7.864	33	i3	24
44785.9	5.1	8.530	258	i5	13	51485.5	2.9	10.755	92	a3	22	26197.8	2.8	7.251	40	a3	46
45320.0	10.2	7.484	111	a5	34	Her MZ						28301.8	2.1	7.622	21	a6	24
45693.1	4.4	8.226	454	i6	14	27766.0	3.1	10.270	30	a4	22	28383.6	2.4	8.206	42	i4	22
50588.5	1.9	8.239	35	i3	5	27985.3	1.8	10.198	36	a6	32	28841.6	1.6	8.396	35	i6	18
Gem TV						28454.7	1.0	9.865	22	a5	30	28900.5	3.7	7.687	33	a6	14
39691.6	7.4	6.563	45	i3	36	Her RR						29045.6	1.6	7.537	30	a6	23
49744.1	4.1	6.212	35	a4	50	23250.4	1.8	9.751	361	i3	5	29112.1	1.5	8.081	19	i3	29
49880.4	2.7	7.294	315	i5	27	29127.7	2.3	8.272	79	a3	12	29206.5	1.7	7.511	38	a6	21
50557.4	2.8	6.229	80	a6	40	33187.6	3.4	8.523	65	a3	12	29277.4	2.0	8.358	375	i5	8
Gem Y						33429.0	2.8	8.211	233	a6	14	29365.8	2.5	8.478	63	i3	16
43958.6	5.8	10.133	70	i3	10	33542.6	1.4	10.383	76	i3	13	29472.7	1.5	7.378	24	a5	34
47984.1	8.0	8.611	137	a4	16	34887.5	2.6	8.327	88	a3	11	29584.5	2.0	8.218	22	i3	26
48662.2	3.7	9.920	51	i3	16	34997.0	2.0	10.384	52	i6	8	32358.3	2.5	7.682	79	a3	14
48734.6	1.5	8.893	41	a5	8	35369.5	3.4	8.306	124	a5	11	37832.0	2.4	8.103	148	i5	11
49008.3	2.8	8.966	65	a4	15	37774.3	8.6	8.445	152	a6	10	45369.6	1.8	7.390	34	a3	9
50830.1	2.7	9.737	51	i6	33	37913.3	3.1	10.040	81	i4	19	45548.7	6.7	7.615	52	a5	17
51200.2	3.5	9.105	30	a3	58	37992.3	3.7	8.325	77	a5	26	45601.1	2.5	8.181	110	i3	7
Her DE						38149.4	2.6	9.905	243	i3	6	45672.8	3.7	7.365	73	a3	11

Table 5 (continued).

t_e	σ_t	m	σ_m	type	n	t_e	σ_t	m	σ_m	type	n	t_e	σ_t	m	σ_m	type	n
45810.8	1.6	7.132	47	a4	21	36436.0	1.6	9.283	82	i3	12	46686.2	2.2	7.869	61	a5	22
45919.0	3.3	8.244	86	i3	19	37768.2	0.7	8.906	31	i4	9	46858.3	2.2	9.045	85	i3	11
45986.3	5.4	7.745	43	a3	19	37824.7	2.7	7.912	56	a3	17	47220.0	1.2	7.819	262	a6	10
46054.2	4.8	8.090	79	i3	10	37878.2	0.3	9.260	301	i6	8	47272.4	1.9	8.938	119	i6	17
46127.4	1.8	7.360	125	a6	10	37901.2	2.1	7.909	53	a5	16	47309.7	2.3	7.948	43	a4	55
46438.0	1.7	7.379	31	a5	10	38061.5	3.7	8.226	64	i3	12	47371.8	0.8	9.071	57	i3	25
46515.4	2.5	8.113	50	i5	14	38951.3	1.4	7.880	32	a3	15	47418.7	1.7	7.776	76	a3	16
46591.3	3.8	7.687	55	a3	15	39009.4	0.7	8.716	66	i5	9	47574.9	0.6	9.169	57	i3	7
46654.4	5.4	7.907	28	i3	35	41468.1	1.6	8.976	53	i6	30	47620.0	2.0	8.036	97	a3	12
46728.7	3.7	7.607	47	a3	18	41525.2	3.2	8.363	28	a3	36	47679.5	1.3	9.005	54	i6	31
46814.3	3.1	8.178	43	i3	12	41599.7	1.2	8.205	25	a4	14	47728.2	1.7	7.906	43	a3	47
47206.5	4.1	7.732	56	a3	14	42612.4	1.7	8.771	86	i5	18	47782.4	1.1	8.666	53	i3	13
48302.8	7.2	7.664	69	a5	19	42634.7	0.4	7.663	73	a6	9	47951.5	0.1	7.773	19	a5	7
48374.4	3.0	8.307	70	i3	11	43060.9	0.2	7.631	17	a4	6	47994.7	0.7	9.160	102	i6	15
48451.0	2.3	7.397	57	a4	23	43225.6	0.6	9.258	37	i3	5	48024.6	1.7	7.781	93	a6	45
48599.2	8.1	7.826	30	i3	52	43267.7	2.2	7.769	249	a4	6	48080.4	0.9	8.747	90	i6	39
48742.8	2.4	7.311	52	a3	29	43382.2	3.8	7.963	65	a3	18	48132.5	1.1	7.779	54	a3	28
48820.3	2.2	8.301	48	i5	47	43453.7	0.4	8.194	6	a5	6	48230.0	4.1	8.862	107	i3	8
49503.4	3.8	7.645	71	a3	18	43563.5	2.4	8.153	83	a5	10	48325.9	3.8	7.854	151	a3	11
49605.5	2.2	8.511	45	i3	14	43645.8	1.8	9.379	153	i4	5	48367.1	2.0	8.862	141	i5	28
49662.5	0.8	7.579	19	a6	8	43678.0	2.9	8.020	86	a5	15	49434.4	0.1	9.842	35	i6	7
49809.2	3.2	7.387	122	a5	18	43744.2	1.3	8.530	50	i3	8	49496.7	2.1	7.965	53	a3	28
49893.6	2.3	8.351	81	i3	29	43784.5	4.0	8.100	96	a3	8	49546.1	1.7	8.874	115	i3	13
49971.4	2.8	7.066	138	a5	34	44248.8	2.6	9.282	150	i3	6	49595.8	2.2	7.980	39	a3	36
50418.1	2.6	8.939	612	i6	27	44295.9	1.2	7.934	114	a5	8	49897.5	1.4	7.963	49	a3	41
50593.7	8.8	7.762	70	a5	35	44340.0	2.8	8.961	117	i3	8	50155.2	2.2	8.692	67	i3	21
50665.7	3.5	8.392	49	i3	22	44387.2	2.2	7.946	120	a6	13	50193.8	1.2	7.977	56	a5	38
50830.0	3.4	8.476	123	i3	8	44453.0	3.5	8.760	61	i3	22	50265.3	1.9	8.604	70	i3	22
50880.1	2.1	7.572	100	a3	9	44503.3	1.2	7.496	101	a4	10	50317.4	2.9	7.973	46	a3	39
50971.6	3.3	8.383	69	i5	17	44790.9	0.4	9.064	54	i6	10	50621.2	1.9	7.945	48	a3	46
51031.3	2.7	7.253	78	a6	37	44813.3	3.5	7.835	52	a5	16	50672.5	1.3	8.852	83	i3	24
51097.0	3.0	8.243	91	i6	20	44881.4	1.1	9.098	42	i4	12	50725.1	2.1	7.992	31	a3	29
51447.4	22.6	7.709	52	a5	70	44909.8	0.6	7.467	61	a5	8	Her X					
Her SX						44975.6	2.3	8.852	80	i3	11	17924.9	3.3	6.143	84	a3	7
24767.6	1.5	7.878	61	a3	7	45047.1	0.4	6.939	300	a6	8	18063.1	4.3	7.122	32	i3	38
24975.9	1.0	7.628	63	a5	18	45090.5	0.8	8.896	83	i4	5	18377.8	1.7	7.268	134	i3	8
25035.1	1.0	9.180	90	i6	20	45153.3	2.6	7.894	71	a6	15	18427.0	2.2	5.933	167	a3	11
25072.7	0.9	7.792	49	a3	29	45195.9	3.4	8.603	119	i3	9	18881.6	3.1	7.103	116	i3	9
25125.2	1.4	8.896	56	i3	12	45348.8	2.0	8.010	93	a5	6	18934.7	2.3	5.921	206	a3	6
25287.8	3.2	8.249	49	a3	13	45450.7	3.3	8.144	106	a3	9	19066.1	1.7	7.078	40	i3	10
25346.0	1.0	9.105	111	i4	12	45509.1	0.6	9.813	110	i3	11	19723.6	1.9	6.356	62	a5	20
25378.6	2.1	7.996	44	a3	33	45543.3	1.2	7.746	55	a5	28	19879.9	8.8	7.015	29	i3	30
25438.8	1.0	9.046	56	i3	26	45616.8	0.9	9.229	90	i3	6	22868.5	0.4	5.825	36	a5	6
25483.2	0.8	7.799	39	a3	31	45875.1	3.2	7.927	93	a3	20	22934.6	3.4	6.879	73	i3	12
25585.3	2.0	7.961	88	a3	7	45920.4	1.6	8.615	63	i3	17	23250.6	0.7	7.114	55	i4	18
25632.4	1.8	9.007	77	i3	12	45967.8	1.3	7.918	46	a3	12	23300.0	3.0	6.026	93	a3	18
30894.5	1.8	9.106	83	i4	13	46281.2	1.2	7.885	45	a3	20	26051.8	2.5	7.103	98	i4	16
30915.4	2.0	8.137	176	a6	11	46338.5	1.7	8.939	71	i3	15	26112.8	2.3	6.164	47	a3	27
30997.1	1.4	9.481	115	i6	8	46484.4	2.9	8.152	123	a3	7	26182.7	1.5	7.123	41	i6	49
31254.8	3.4	8.094	195	a3	7	46543.3	1.2	9.425	64	i4	9	26223.8	1.5	6.360	38	a6	77
31304.2	0.5	9.489	47	i4	5	46596.8	1.4	7.854	57	a3	23	26433.7	2.9	6.645	60	a5	23
31333.6	0.7	7.633	82	a5	6	46649.6	1.2	9.023	68	i3	25	26487.5	4.5	7.069	32	i5	75

Table 5 (continued).

t_e	σ_t	m	σ_m	type	n	t_e	σ_t	m	σ_m	type	n	t_e	σ_t	m	σ_m	type	n
26642.2	3.2	6.233	45	a3	16	40766.4	1.5	6.276	66	a4	51	49909.7	0.8	6.318	29	a4	147
26861.3	1.5	6.994	27	i3	33	40827.9	1.8	7.023	44	i3	52	49955.7	1.7	6.996	25	i3	114
26985.9	5.8	6.216	24	a3	53	43158.8	0.9	7.170	29	i3	13	50175.3	2.3	7.041	23	i3	74
27117.0	1.7	6.367	70	a6	7	43204.5	1.1	6.026	209	a6	15	50221.8	1.4	6.694	29	a3	77
27156.5	0.7	7.052	32	i6	13	43268.5	3.0	7.000	38	i3	37	50273.6	1.3	7.126	15	i3	151
27186.5	1.8	6.554	50	a3	12	43316.5	1.9	6.250	90	a4	31	50333.8	1.6	6.634	38	a6	102
27321.2	1.8	6.826	25	i3	24	43362.7	1.4	7.084	55	i3	38	50374.7	2.6	6.970	58	i6	62
27980.7	2.9	7.337	37	i3	31	43414.3	1.3	6.081	60	a3	44	50417.2	1.4	6.297	53	a3	54
28095.4	2.8	6.518	38	a3	28	43459.7	1.2	6.835	46	i3	18	50469.3	1.6	6.891	38	i3	30
28351.2	2.4	7.453	22	i5	32	43556.8	2.4	7.021	79	i6	14	50519.2	1.5	6.366	37	a3	47
28413.9	0.9	6.240	26	a3	41	43583.2	8.4	6.510	188	a5	20	50570.5	1.3	6.954	27	i3	88
28475.3	0.8	7.371	25	i3	29	43660.6	2.9	7.187	40	i3	40	50621.5	2.1	6.477	26	a3	122
28597.1	3.2	6.387	49	a3	17	44019.0	4.3	6.593	43	a5	99	50659.8	1.7	6.787	35	i4	103
28662.3	1.1	7.316	47	i3	21	44081.3	5.5	6.998	39	i3	53	50724.1	1.2	6.415	13	a3	235
28710.9	2.6	6.285	41	a6	82	44154.0	1.5	6.330	38	a3	72	50914.0	2.7	6.895	52	i6	77
28857.1	2.8	7.157	71	i3	22	44289.0	7.9	7.084	32	i3	77	50993.6	3.6	6.611	57	a5	128
28890.7	2.4	6.685	54	a5	23	44478.7	1.9	6.359	29	a4	117	51079.0	1.5	7.143	23	i3	161
29026.7	3.7	7.180	21	i3	59	44810.1	3.5	7.330	29	i5	96	51138.2	2.6	6.587	57	a4	61
29118.7	2.3	6.684	41	a3	29	45416.5	9.1	7.255	59	i4	34	51179.1	2.4	6.992	43	i3	30
29185.1	1.2	7.452	27	i3	33	45511.8	1.4	7.353	33	i3	51	51222.3	3.6	6.735	51	a3	42
29368.3	1.7	7.038	20	i3	45	45565.6	1.7	6.565	42	a3	71	51289.6	2.7	7.028	22	i4	102
29452.4	3.4	6.655	20	a3	63	45622.7	1.7	7.264	38	i3	36	51339.9	0.9	6.369	30	a3	109
30226.5	3.1	6.488	54	a6	12	45677.4	1.5	6.521	65	a3	8	51393.8	1.3	6.985	21	i3	166
30639.1	3.0	7.241	104	i3	10	45942.0	1.9	6.440	21	a3	146	51435.3	2.7	6.591	46	a5	64
30684.3	3.4	6.558	54	a4	10	47466.9	4.2	6.522	35	a4	160	51472.8	1.0	7.028	54	i6	35
30788.8	4.8	7.107	65	i3	12	47550.3	1.5	7.331	53	i4	25	51525.3	3.6	6.520	35	a3	73
30987.9	0.8	5.987	45	a3	8	47735.4	1.5	6.897	31	i3	133	Hya	FF				
31049.5	1.3	7.064	56	i3	7	47790.7	0.9	6.218	26	a3	146	45043.3	0.2	9.383	6	a5	7
31246.5	2.1	7.101	44	i3	12	47856.4	3.5	6.905	46	i3	57	45072.0	0.6	9.722	13	i5	8
31325.0	2.3	6.243	50	a3	11	47936.3	1.4	6.927	55	i3	30	50180.6	2.8	8.156	104	a6	11
31406.1	1.9	6.372	55	a3	5	47987.6	2.1	6.338	37	a3	70	50545.6	11.0	8.905	76	i3	15
32295.9	2.4	6.505	68	a3	14	48293.0	5.0	7.217	39	i3	81	Hya	RT				
32346.4	0.1	8.001	18	i6	7	48391.4	1.1	6.614	29	a6	101	29668.9	1.4	9.651	58	i3	9
32392.3	1.2	6.040	47	a3	75	48440.7	1.9	7.207	18	i4	191	30044.1	3.0	7.210	83	a3	13
32444.0	2.5	6.803	62	i3	55	48565.7	1.8	6.353	26	a4	140	33356.7	1.1	7.324	24	a3	23
33148.3	1.5	7.299	66	i5	18	48648.1	2.0	7.176	41	i3	44	35184.6	0.2	7.394	6	a5	6
33188.9	2.6	6.361	65	a3	24	48726.4	2.0	6.742	18	a3	101	35574.9	2.8	8.145	102	a4	13
33448.8	1.5	7.304	60	i3	14	48821.5	2.4	7.058	13	i3	241	36681.6	1.2	8.296	35	a6	13
34541.8	7.0	6.413	67	a3	17	48914.3	1.3	6.486	35	a3	61	37031.3	2.2	8.553	54	a6	10
34638.6	2.6	6.933	39	i3	15	48967.9	3.3	7.080	41	i4	40	38049.6	1.6	8.221	45	a3	13
35633.4	2.6	6.632	63	a3	10	49083.1	3.2	6.464	28	a3	96	38450.4	5.8	7.596	70	a3	22
35679.0	1.0	7.167	24	i3	8	49166.1	2.5	6.964	39	i5	93	49086.8	2.6	9.225	176	i5	10
35726.2	1.4	6.513	51	a3	8	49243.6	1.8	6.361	33	a3	82	49448.1	2.0	7.318	85	a6	10
35942.4	0.8	5.872	86	a5	10	49373.9	1.5	7.243	59	i4	27	49721.5	3.1	7.554	73	a3	17
36010.7	2.2	6.121	91	a3	9	49410.2	2.3	6.369	59	a4	41	49999.5	1.8	7.260	68	a4	6
36083.5	4.3	7.067	77	i6	31	49557.1	2.0	7.178	25	i3	97	50114.6	1.9	8.803	59	i3	26
37761.2	1.1	7.060	198	i6	12	49610.7	3.4	6.841	32	a3	74	50492.3	3.7	7.555	35	a3	33
37842.4	1.4	6.236	67	a3	9	49654.6	2.0	7.061	23	i3	62	51260.4	2.4	7.503	62	a3	15
37897.2	2.4	7.004	42	i3	28	49700.5	1.8	6.636	41	a3	31	51524.5	0.8	7.595	27	a6	12
38041.6	2.1	6.196	31	a3	12	49753.6	2.4	7.121	36	i3	29	Hya	V				
38091.5	1.6	7.111	125	i5	7	49807.8	1.4	6.663	35	a3	50	24312.3	6.0	12.002	69	i3	17
38413.7	0.2	7.550	18	i5	6	49845.5	1.4	7.075	27	i4	88	25108.2	2.4	4.769	990	a6	20

Table 5 (continued).

t_e	σ_t	m	σ_m	type	n	t_e	σ_t	m	σ_m	type	n	t_e	σ_t	m	σ_m	type	n
26179.9	3.3	6.886	82	a3	29	45125.8	6.7	9.625	69	i3	16	39630.9	0.6	11.201	45	i3	9
26398.6	3.5	8.395	44	i3	46	45905.5	3.0	9.963	114	i3	12	39857.8	1.1	9.434	56	a6	14
26648.8	8.6	6.720	111	a3	29	46089.2	2.2	6.320	49	a4	10	39965.1	1.4	11.015	107	i5	12
26992.1	4.1	8.697	132	i3	31	46287.9	2.8	9.743	92	i3	13	40652.2	2.3	9.735	106	a3	11
27749.5	8.3	6.598	131	a4	21	46486.6	1.5	6.111	43	a4	20	41078.4	1.7	10.724	67	i5	26
28277.3	4.6	6.964	57	a4	34	46854.7	2.6	6.655	88	a6	22	41289.8	4.9	9.856	127	a3	10
28781.1	5.2	7.030	110	a4	12	47267.4	3.1	6.252	66	a6	18	41364.7	1.8	11.446	122	i3	10
29317.3	4.6	8.115	57	a3	16	47452.5	3.5	9.077	174	i3	13	41444.8	1.9	9.082	113	a3	12
32522.5	21.2	7.561	147	a3	25	47645.8	2.3	6.663	53	a6	26	41666.7	1.8	11.709	89	i3	9
33552.3	8.6	7.779	77	a3	47	47832.5	2.9	9.288	134	i3	13	41748.7	2.6	9.321	191	a5	10
41428.8	3.2	7.393	59	a6	8	48034.8	1.7	6.608	39	a4	29	42047.3	1.0	9.434	82	a3	6
41781.5	1.8	9.043	47	i4	31	48385.5	2.3	5.960	86	a3	11	42156.3	0.6	11.168	65	i6	9
42529.6	3.3	8.913	113	i3	20	48540.0	0.2	13.446	161	i6	8	42524.6	3.6	9.625	133	a5	17
43958.5	2.7	13.135	44	i6	10	48780.3	3.4	6.160	73	a4	18	43159.6	2.1	11.000	102	i4	20
44853.0	3.4	6.859	685	a5	17	49148.1	2.5	5.930	123	a3	12	43220.3	1.7	9.251	68	a4	40
44977.6	2.2	10.663	65	i4	16	49519.8	4.6	6.279	55	a3	29	43518.6	2.1	9.554	124	a3	14
45257.6	2.7	6.987	105	a3	17	49868.5	4.2	6.191	62	a3	33	43595.9	1.5	11.556	68	i3	18
45506.0	6.4	9.354	79	i4	24	Hya Y						43810.1	1.6	9.536	84	a5	9
45836.1	3.1	7.127	49	a3	18	28341.9	10.9	7.188	33	a3	14	43878.3	1.6	10.828	68	i3	12
46021.0	4.3	9.290	72	i3	12	47691.7	6.7	7.844	58	i3	9	43972.1	1.8	9.291	66	a6	27
46371.6	6.1	6.989	105	a6	16	47915.7	2.8	7.072	20	a6	16	44299.4	3.0	10.497	122	i3	21
46633.8	3.4	9.888	91	i3	28	48700.0	5.7	6.904	50	a3	13	44587.3	2.3	10.806	111	i3	11
46907.4	5.1	6.981	63	a3	31	Lac RS						44658.7	2.7	9.638	104	a3	21
47089.2	4.5	9.248	147	i3	12	45640.4	2.7	9.508	172	a4	5	44723.9	3.4	10.670	63	i3	23
47429.0	5.4	7.452	108	a4	31	47791.9	1.3	9.564	73	a3	16	44952.7	1.4	8.933	92	a3	11
47694.8	4.4	9.612	83	i3	23	47902.5	2.7	11.919	79	i3	18	45027.4	1.9	10.810	80	i3	19
47948.6	3.5	7.445	53	a3	41	48498.5	4.3	10.165	97	a3	5	45104.2	1.0	9.090	72	a3	10
48186.5	3.1	9.479	88	i3	32	50413.5	2.5	9.960	76	a3	19	45350.2	0.7	11.054	31	i3	6
48461.0	6.1	7.333	201	a3	22	50658.0	1.0	9.572	50	a3	6	45395.7	2.7	9.771	101	a6	12
49378.2	9.6	12.371	47	i3	20	50767.9	0.8	12.086	38	i3	17	45448.6	0.3	11.036	92	i6	7
49992.1	10.4	10.361	47	a3	35	50888.8	2.6	9.873	211	a3	5	45705.8	3.2	10.002	87	a3	15
50277.9	4.8	11.261	195	i4	15	50996.7	3.2	11.320	78	i3	7	45768.1	1.6	10.954	80	i3	11
50797.0	3.6	10.476	156	i4	11	51120.3	1.7	9.595	72	a6	10	45821.9	1.4	9.483	78	a3	9
51114.5	7.3	7.401	90	a3	41	51225.4	1.8	11.630	115	i3	10	45997.3	2.1	9.776	115	a3	6
51417.3	5.1	9.229	323	i3	10	51368.9	2.5	9.443	91	a3	5	46048.4	1.8	10.970	120	i3	8
Hya W						Leo RY						46106.6	1.6	9.192	85	a4	16
32371.2	2.7	6.477	92	a6	25	32234.4	0.4	8.350	735	a6	10	46195.2	2.6	10.878	85	i4	19
33554.4	3.8	7.283	203	a3	19	32556.1	1.8	9.208	297	a6	9	46404.3	1.3	9.528	95	a5	6
33741.9	1.9	9.642	57	i3	22	33639.8	3.7	10.919	42	i3	17	46487.8	3.8	11.337	87	i3	17
36355.4	1.2	6.497	38	a4	12	33710.3	1.5	10.216	41	a4	17	46551.1	1.6	9.878	51	a4	11
37764.5	2.1	9.894	76	i3	15	33760.7	1.4	11.295	74	i4	11	46726.4	1.5	9.617	33	a4	5
37962.7	1.6	6.025	301	a3	11	34030.9	2.9	11.256	84	i5	10	46784.7	2.4	11.066	106	i6	11
40343.9	6.2	6.026	104	a3	16	34162.3	1.1	9.168	258	a6	15	47143.3	5.6	10.722	101	i3	12
42808.7	2.5	9.149	50	i6	18	34434.4	0.4	9.429	61	a3	5	47224.9	2.9	9.820	68	a3	15
43185.2	2.0	9.298	51	i3	19	34828.7	0.7	11.150	38	i6	9	47296.1	2.3	10.446	41	i3	20
43566.3	3.5	9.916	174	i3	20	35245.7	2.5	9.838	124	a3	7	47528.1	1.0	9.321	69	a4	26
43941.0	2.2	9.658	80	i3	38	36320.4	0.7	6.237	366	a5	8	47612.7	1.3	10.819	38	i3	51
44136.2	2.7	6.453	206	a3	32	38054.4	2.9	10.711	112	i5	9	47844.7	1.3	9.166	158	a5	13
44333.2	1.9	10.086	107	i3	22	38451.5	1.6	9.670	63	a3	13	47923.3	2.0	10.838	50	i3	30
44537.7	4.5	7.399	216	a3	19	39527.4	0.9	9.120	106	a6	8	48006.3	1.6	9.377	58	a3	60
44730.4	3.5	9.994	83	i3	32	39556.8	0.1	10.150	7	i6	7	48237.0	1.9	10.986	51	i3	41
44928.7	1.8	6.482	89	a3	15	39591.1	0.1	9.209	12	a5	6	48317.6	1.4	9.483	47	a3	63

Table 5 (continued).

t_e	σ_t	m	σ_m	type	n	t_e	σ_t	m	σ_m	type	n	t_e	σ_t	m	σ_m	type	n
48617.5	4.2	9.495	85	a4	41	40534.6	1.4	10.890	41	a4	10	49087.6	2.9	10.733	83	a3	13
48716.5	3.7	10.387	57	i3	56	40614.8	3.1	12.018	45	i3	11	51264.3	2.9	12.890	999	i4	5
48969.3	0.9	8.631	236	a6	11	40662.1	1.6	11.450	97	a5	8	Lyn Y					
49035.2	3.1	10.620	49	i3	32	41029.1	1.7	12.369	59	i3	19	29599.0	1.9	6.757	60	a3	6
49097.7	1.8	9.510	55	a4	30	41339.8	1.7	12.593	68	i5	7	29708.9	2.9	7.630	34	i3	12
49371.7	3.6	10.982	82	i6	41	42736.2	1.2	12.762	111	i6	8	38430.7	1.7	7.427	44	i3	15
49452.8	1.2	9.396	95	a3	30	42847.2	3.9	11.424	49	a3	45	40317.9	1.6	6.856	29	a3	46
49674.6	2.9	11.182	98	i4	18	43533.3	3.2	12.535	71	i3	24	40979.8	4.6	6.978	21	a3	26
49771.6	1.4	9.621	31	a3	51	44284.3	3.3	11.214	82	a5	29	43937.0	2.6	7.217	61	a3	9
50087.9	1.6	9.809	48	a3	33	44577.3	4.9	11.498	208	a3	8	44250.5	1.7	8.061	53	i3	10
50170.7	1.1	11.445	49	i3	41	44655.3	2.9	12.388	82	i3	14	44337.4	2.0	6.451	106	a6	9
50408.1	2.1	9.202	106	a4	17	44925.3	4.8	12.330	92	i3	6	44537.7	1.5	7.364	64	i4	6
50494.5	1.1	11.530	52	i3	36	45028.5	5.5	11.411	54	a4	48	44598.7	1.9	6.356	45	a3	10
50574.4	2.0	9.753	58	a3	47	45314.3	0.8	10.999	34	a3	7	44678.5	3.3	7.269	82	i6	14
50827.5	1.6	11.685	53	i4	23	45684.6	5.9	12.343	53	i6	28	45027.0	3.8	8.002	28	i3	27
50898.4	1.3	9.651	42	a3	58	45865.9	0.6	10.661	36	a4	7	45795.5	2.5	6.637	35	a3	26
51139.3	0.9	11.670	54	i3	28	46159.1	1.8	11.103	56	a5	17	46379.4	3.6	7.495	78	a5	15
51223.1	1.0	9.568	43	a3	71	46394.0	4.3	11.467	203	a5	8	46485.8	1.7	6.779	86	a3	13
51304.0	1.3	11.417	38	i3	56	46539.0	2.1	12.846	50	i3	15	46552.8	2.1	8.059	76	i3	17
51546.8	1.6	9.599	75	a3	31	46644.9	0.9	10.595	76	a4	7	46749.0	3.9	6.908	82	a3	13
Lep S						46829.0	4.4	12.562	81	i4	18	46812.0	1.7	7.668	72	i3	13
26637.1	0.4	6.050	35	a4	7	47215.7	3.2	11.214	51	a3	25	46888.2	2.8	6.635	46	a3	31
26665.7	0.9	6.973	50	i5	9	47494.2	3.8	11.357	93	a3	12	47009.1	3.7	6.611	150	a3	6
26734.5	0.6	5.999	28	a5	24	47556.7	4.6	12.364	86	i6	32	47244.7	8.5	8.379	39	i3	27
27057.0	0.4	7.056	4	a6	9	47914.8	3.0	11.658	60	a3	12	47477.7	1.6	8.303	43	i3	26
27440.5	0.3	6.164	16	a3	8	47956.8	1.4	12.155	67	i3	11	47554.4	1.3	7.284	240	a5	17
28451.6	1.0	6.962	18	i3	7	48044.8	3.9	10.935	81	a5	21	47584.6	2.2	8.300	115	i4	11
28520.4	1.2	6.443	37	a5	9	48295.5	4.3	11.180	91	a4	20	47678.3	3.5	6.622	210	a6	17
28551.0	0.7	7.114	28	i3	9	48692.6	2.5	12.887	125	i3	9	49836.7	6.4	7.851	85	i6	33
28588.9	2.4	6.687	55	a3	11	48839.1	3.1	11.408	106	a3	9	50054.1	4.9	8.242	78	i3	13
28934.9	2.6	7.226	25	i3	22	48975.4	3.8	12.778	133	i3	7	50123.0	1.9	7.801	42	a3	18
29184.1	1.2	6.456	35	a4	9	49095.7	2.8	11.130	68	a3	16	50167.0	2.3	8.119	30	i3	23
29231.1	1.5	6.977	52	i6	9	49399.0	6.0	11.567	86	a3	23	50489.6	2.1	6.945	105	a4	24
29308.3	2.1	6.517	31	a5	21	49823.4	1.0	12.878	29	i6	11	50533.5	2.6	7.587	71	i3	17
29331.7	1.0	6.815	31	i3	10	50106.7	3.2	12.502	77	i3	16	50584.4	2.3	6.949	45	a3	15
29556.1	0.8	6.537	16	a3	16	50202.3	1.9	10.800	55	a3	22	50653.9	0.9	6.985	41	a4	5
29595.7	0.9	7.016	66	i6	11	50470.5	2.6	10.838	76	a3	26	50702.7	2.1	7.821	108	i3	9
29633.8	0.9	6.629	21	a5	16	50567.1	1.6	12.459	47	i3	19	50757.9	2.1	7.075	40	a3	30
32955.2	1.8	7.407	63	i3	14	50751.3	7.0	11.063	79	a3	11	50798.1	2.2	7.562	66	i3	26
34083.3	2.1	6.509	41	a6	16	50861.0	3.7	12.223	39	i3	29	51089.8	0.9	8.522	11	i4	9
39562.3	1.0	6.327	49	a3	5	51130.4	4.2	12.587	63	i4	18	51200.3	4.6	8.610	84	i4	24
39902.1	2.3	7.362	57	i6	16	51301.6	4.3	11.638	40	a5	45	51303.2	4.7	7.647	48	a3	28
45049.8	1.8	7.781	23	i3	15	51573.7	3.2	11.042	112	a3	17	51517.9	3.7	7.100	65	a3	19
48578.7	1.5	7.792	201	i6	7	LMi W						51586.5	1.4	8.068	53	i3	15
49025.7	2.3	6.622	40	a5	11	44691.0	2.4	12.343	128	i3	6	Lyr EG					
51184.3	5.4	6.883	37	a3	26	45060.8	1.9	13.109	282	i4	8	45567.4	1.5	11.633	52	a3	8
LMi U						46165.8	1.2	10.576	67	a3	10	46683.1	1.9	11.464	74	a3	11
39928.1	1.8	12.696	41	i4	9	46869.5	0.7	10.265	79	a3	9	47379.8	1.6	13.502	76	i3	14
39975.1	1.1	10.917	49	a4	22	47227.3	4.0	10.526	257	a3	6	47449.6	1.5	11.582	18	a6	10
40196.4	2.6	12.916	102	i3	7	47635.3	1.2	12.612	131	i3	8	47715.1	2.6	11.665	29	a5	11
40266.2	1.4	11.151	59	a3	17	47924.0	1.7	10.317	100	a3	7	48057.0	0.4	12.297	10	i6	8
40325.7	1.1	12.075	31	i3	28	47983.4	0.9	12.708	94	i3	9	48088.0	2.1	11.844	50	a3	9

Table 5 (continued).

t_e	σ_t	m	σ_m	type	n	t_e	σ_t	m	σ_m	type	n	t_e	σ_t	m	σ_m	type	n
48164.0	2.4	11.776	49	a4	8	41681.7	4.3	10.588	69	i6	15	25254.7	2.1	8.435	54	i6	77
49928.0	3.0	11.737	98	a3	9	42396.1	1.8	9.429	122	a3	11	25571.7	1.5	8.330	46	i3	37
50275.2	2.3	11.964	29	a3	11	42443.0	1.0	10.723	38	i3	23	25645.1	0.6	7.289	21	a3	68
50345.7	3.2	12.533	95	i4	7	42492.8	3.3	9.555	124	a3	27	25885.5	0.2	9.411	6	i5	6
51056.1	3.2	12.401	58	i3	13	42741.0	2.8	10.781	175	i5	14	26035.3	1.3	9.530	59	i3	27
51453.5	2.0	11.846	41	a3	15	42803.4	0.8	8.959	68	a3	13	26263.9	1.4	7.669	42	a3	21
Lyr SZ						42857.8	2.2	10.865	93	i3	12	26339.8	1.6	9.562	180	i3	7
44151.0	4.7	11.548	81	a3	8	43146.8	3.4	9.456	75	a3	28	26429.0	1.2	7.170	45	a5	40
45234.0	2.3	11.329	107	a5	6	43457.7	2.1	10.860	105	i3	12	26740.6	1.9	7.715	51	a4	31
45525.2	0.5	12.267	38	i4	5	43499.0	2.4	9.280	256	a6	11	27026.8	0.8	7.319	95	a5	13
45635.5	0.7	10.445	787	a6	7	43543.4	2.6	10.506	167	i6	14	27089.9	1.6	9.684	115	i6	12
45888.9	1.7	12.466	95	i3	8	43597.1	1.5	9.847	99	a5	7	27406.2	2.5	9.146	187	i3	17
46311.9	6.5	11.794	83	i3	8	43860.8	2.9	10.767	72	i3	21	27486.0	0.9	7.188	44	a3	47
48444.8	2.0	11.893	82	i3	8	44255.0	3.0	9.568	155	a3	13	27708.0	1.2	8.635	43	i4	8
48483.8	1.7	10.986	211	a3	6	44306.6	2.5	10.302	66	i3	17	27803.2	3.7	7.521	60	a5	29
49530.3	2.9	11.210	136	a3	12	44355.0	2.9	9.251	185	a5	8	28124.3	3.8	7.697	50	a3	43
49885.7	2.4	12.102	74	i4	11	44578.2	1.7	10.170	54	a5	9	28216.9	0.9	9.062	46	i3	61
49935.2	1.7	11.084	74	a3	14	44611.3	1.2	10.786	53	i3	11	28506.3	2.1	8.908	139	i4	18
50029.3	2.8	12.532	97	i6	12	44682.6	3.4	10.045	43	a3	16	28575.9	1.9	7.637	47	a3	36
50073.7	2.0	10.631	123	a4	5	45389.8	2.8	10.230	38	a3	14	28912.4	2.9	7.733	57	a3	8
50262.8	0.3	12.028	19	i4	5	45631.3	3.0	10.798	40	i6	8	29215.0	3.6	7.522	79	a4	12
50307.2	3.5	12.307	95	i4	13	45691.5	2.6	9.836	148	a5	12	29289.0	2.5	8.977	118	i3	15
50650.2	1.9	10.905	69	a3	9	46345.3	1.7	10.400	25	a3	6	31890.9	0.9	6.587	377	a6	12
50705.1	1.8	12.352	170	i3	6	46424.6	1.9	9.570	793	a6	8	32995.1	1.6	7.533	83	a5	22
51423.8	3.1	11.845	35	i3	17	46491.3	2.2	10.357	38	i3	11	33346.6	1.5	9.867	93	i3	27
Mon RV						46534.6	0.8	9.964	18	a3	11	33578.6	1.7	7.675	144	a3	5
26373.3	1.6	6.992	62	a5	21	46738.5	3.2	10.550	20	i3	13	33641.1	2.1	9.808	281	i3	8
26711.6	3.7	7.634	45	i3	31	46843.3	2.2	10.021	23	a3	12	34040.3	2.2	7.067	232	a6	10
26981.0	1.6	7.304	32	a3	7	47186.7	3.3	10.142	42	a3	10	34758.2	1.6	9.406	53	i3	34
27065.8	4.4	7.271	40	a6	15	47483.1	5.2	10.683	64	i3	8	35133.1	4.1	7.443	163	a3	7
27351.0	1.7	7.245	42	a3	7	47542.9	2.4	10.230	41	a5	14	35523.8	1.5	9.435	63	i3	33
27476.9	3.0	7.270	22	a3	23	47842.3	5.8	10.212	39	a3	8	36205.7	2.0	8.172	53	a6	25
27703.7	1.9	7.089	54	a6	11	47939.7	1.7	10.094	36	a3	9	36611.9	2.0	9.413	73	i3	28
27782.0	4.1	7.874	107	i3	14	47992.6	1.5	10.536	27	i3	11	36930.5	1.0	9.446	37	i3	24
27852.7	2.7	7.263	57	a3	19	48218.3	6.6	10.650	51	i3	13	37002.7	1.6	7.821	73	a3	23
28195.5	2.9	7.429	54	a3	18	48336.1	3.9	9.910	148	a6	8	37295.2	1.8	7.326	126	a3	13
28521.3	3.8	8.359	76	i3	13	48967.7	2.3	10.039	83	a6	14	37377.5	1.3	9.184	65	i4	22
29571.9	2.4	8.035	26	i3	17	49033.7	2.3	10.737	44	i3	13	37752.1	1.4	9.453	57	i4	30
47927.6	1.9	7.654	28	i3	17	49736.5	2.6	9.836	166	a5	10	38036.1	1.3	9.698	74	i3	30
50149.2	2.4	7.366	53	a6	12	49782.2	3.1	10.709	77	i4	8	38334.9	2.5	9.870	183	i3	11
50852.5	3.8	7.404	47	a5	38	49984.2	3.2	10.693	90	i3	5	38411.1	1.3	7.419	76	a3	33
51569.3	0.3	7.454	35	a3	6	50031.4	0.5	10.070	6	a5	7	38775.1	2.4	9.015	101	i3	15
Mon SW						50080.6	4.4	10.391	64	i6	14	39189.3	1.8	7.763	47	a3	49
39575.4	0.9	11.063	882	i6	7	50150.3	3.6	9.828	78	a3	13	39422.9	1.8	9.492	106	i3	9
39855.1	2.5	10.529	42	i3	15	50507.2	2.0	10.639	57	i3	17	39498.6	1.6	7.520	44	a3	39
39918.4	1.8	9.694	131	a6	11	50756.3	2.4	9.400	80	a3	14	39565.1	1.4	8.861	65	i3	28
40498.1	1.8	11.269	818	i6	13	Mon X						39785.0	1.9	7.171	113	a4	24
40638.0	5.7	10.025	103	a3	13	24469.2	1.4	9.213	81	i3	8	39867.1	1.4	9.410	59	i3	61
40923.5	5.2	10.216	74	i3	25	24544.8	1.0	6.833	67	a6	36	39943.2	1.2	7.679	45	a3	87
41028.1	2.1	8.957	73	a3	16	24842.2	2.2	7.713	97	a5	17	40236.5	0.8	7.470	33	a4	119
41305.9	1.9	10.676	53	i3	12	24911.4	2.2	8.735	53	i3	31	40523.3	1.5	8.618	76	i3	11
41364.5	3.4	8.912	534	a6	10	25186.0	1.8	7.332	47	a3	16	40562.5	1.1	7.602	49	a3	20

Table 5 (continued).

t_e	σ_t	m	σ_m	type	n	t_e	σ_t	m	σ_m	type	n	t_e	σ_t	m	σ_m	type	n
40881.9	1.2	7.179	46	a6	46	49681.8	1.3	9.047	79	i3	21	29099.0	2.6	8.356	54	i3	7
40983.8	1.9	8.554	39	i5	82	49756.4	1.1	7.578	23	a3	96	29192.0	1.9	7.538	41	a4	17
41285.8	1.9	9.430	66	i3	36	50074.8	1.5	7.675	36	a3	45	29238.7	1.4	8.219	56	i3	14
41364.7	1.1	7.547	38	a3	125	50153.8	1.2	9.104	65	i3	37	29269.7	1.7	7.871	36	a3	20
41666.8	1.9	7.930	32	a3	143	50376.5	1.9	7.493	52	a3	23	29319.9	1.9	7.904	62	a3	16
41745.4	0.7	9.497	39	i3	80	50464.1	1.4	9.256	50	i3	51	29351.7	2.2	8.220	54	i3	17
42057.8	0.9	9.566	30	i6	114	50774.2	2.1	8.709	69	i3	33	29575.0	2.7	8.105	35	i3	24
42126.2	1.0	7.508	42	a4	104	51188.6	1.5	7.602	25	a3	139	29649.8	1.2	7.535	30	a3	32
42438.4	0.9	7.420	45	a3	139	51512.7	1.5	7.501	50	a3	62	29705.7	2.1	8.190	61	i3	13
42715.9	1.2	7.425	87	a5	63	51574.2	1.1	8.809	47	i3	61	30791.3	0.4	8.646	6	i5	6
42814.5	1.0	9.368	56	i3	61	Oph V759						31159.9	2.1	7.501	48	a3	8
42860.0	1.3	8.130	52	a3	47	47380.5	1.4	10.856	72	a3	16	32619.0	2.3	8.800	66	i3	8
43056.6	2.8	7.127	173	a6	15	48479.0	1.6	10.790	62	a3	7	37235.4	1.0	7.523	117	a5	16
43148.6	1.1	9.567	46	i3	61	50297.5	6.2	12.934	108	i3	13	37661.6	1.3	8.932	26	i6	17
43227.7	1.6	7.615	47	a3	74	50450.9	4.3	11.451	143	a3	5	37753.4	3.2	7.736	30	a6	29
43457.0	1.9	9.387	69	i3	29	50573.2	6.2	12.947	155	i3	11	38779.5	1.5	8.606	52	i3	12
43529.3	1.4	7.974	59	a3	44	50709.2	3.6	9.794	185	a3	11	39103.4	4.2	7.834	69	a3	10
43828.7	1.2	7.048	86	a3	24	50995.1	2.9	10.822	118	a5	10	39156.8	2.2	8.165	57	i3	15
43916.5	2.2	9.370	58	i3	47	51268.5	0.5	10.534	45	a6	7	39227.5	1.5	7.198	58	a4	8
43989.4	1.0	7.826	143	a6	15	51410.1	6.7	13.117	240	i6	10	39403.0	2.0	8.116	47	i5	10
44201.4	1.7	9.073	83	i6	34	51546.8	5.0	11.332	235	a3	5	39468.1	2.4	7.816	77	a6	11
44296.0	2.4	7.893	64	a3	31	Ori BQ						39522.6	1.4	8.226	22	i3	27
44538.3	1.7	9.441	99	i3	11	24884.1	2.2	8.816	47	i3	20	39903.8	3.1	7.627	24	a6	47
44621.2	2.7	7.789	43	a3	29	24966.5	0.7	7.005	27	a3	44	40189.6	1.5	8.356	41	i4	14
44692.5	2.5	8.746	103	i3	16	25136.9	4.6	7.865	41	i3	19	40234.1	1.7	7.813	38	a3	16
44888.6	0.9	6.954	255	a6	10	25193.8	2.4	7.376	52	a6	24	40292.1	1.4	8.423	55	i6	12
45025.0	1.5	8.857	83	i3	20	25280.6	1.7	8.386	24	i3	40	40616.9	1.4	7.322	29	a3	21
45337.5	2.7	9.187	81	i3	11	25328.2	0.9	7.621	67	a5	14	42761.2	2.4	7.403	40	a6	35
45650.3	1.0	9.436	109	i3	7	25568.4	1.3	8.437	36	i3	27	43129.8	3.9	8.153	27	i6	22
45729.9	1.6	7.850	31	a3	53	25656.9	2.0	7.713	36	a5	46	44576.8	1.0	8.377	81	i4	6
46028.5	2.0	7.839	66	a3	20	25728.2	1.6	7.298	37	a4	45	44610.0	1.8	7.538	41	a4	16
46100.7	1.6	9.371	47	i4	26	25884.3	1.4	7.626	27	a3	27	44672.5	2.2	8.175	74	i3	13
46405.4	1.4	9.212	80	i3	12	25931.7	1.3	8.210	62	i3	17	46101.1	1.4	7.641	216	a5	7
46480.8	1.7	7.746	33	a3	56	25991.8	1.9	7.418	41	a3	55	46273.9	5.5	6.974	393	a3	10
46738.0	1.4	9.311	163	i3	7	26239.7	1.4	7.543	26	a3	34	46828.0	2.3	8.195	50	i3	20
46778.7	0.7	7.760	34	a3	38	26319.7	1.9	8.724	108	i3	10	47182.0	2.8	8.325	85	i3	16
47048.6	2.8	8.565	381	i5	7	26959.6	1.7	8.027	21	i3	9	47571.7	2.1	8.158	81	i3	7
47116.1	3.7	7.682	50	a3	29	27032.9	1.9	7.568	22	a3	13	48659.1	1.5	7.400	74	a5	29
47204.4	2.1	9.261	62	i3	40	27085.5	1.0	8.442	112	i6	8	48918.8	4.3	7.673	217	a3	5
47486.9	1.4	8.885	76	i3	22	27432.9	0.7	8.789	52	i5	9	48975.9	2.9	8.534	87	i3	12
47571.3	1.5	7.450	35	a3	78	27461.6	1.0	7.562	59	a3	16	49053.4	8.9	7.727	221	a5	12
47842.4	1.8	7.376	64	a3	25	27487.8	1.7	7.957	53	i3	8	49345.3	1.4	8.551	132	i5	8
47958.1	2.2	7.732	43	a6	61	27552.6	1.2	7.564	41	a5	19	49401.7	1.9	7.637	57	a3	17
48211.9	2.1	7.286	113	a6	31	27729.1	1.4	7.528	32	a3	18	49640.4	0.6	8.503	37	i4	7
48288.6	1.1	8.930	47	i3	65	27854.3	2.3	8.172	61	i3	12	49692.2	2.2	7.447	57	a3	20
48352.6	1.5	7.274	44	a3	35	27889.5	1.5	7.777	24	a3	15	49801.3	0.6	8.833	353	i6	15
48599.3	1.8	9.335	63	i3	44	28094.4	0.8	8.812	40	i5	16	49883.6	2.7	7.325	93	a3	14
48679.9	1.5	7.741	41	a6	63	28241.7	4.6	7.514	40	a4	19	50025.5	2.6	8.716	80	i3	12
48926.1	2.2	9.013	207	i5	10	28566.4	3.1	8.384	43	i3	23	50496.8	1.9	8.374	94	i5	34
48966.7	2.1	7.745	41	a5	101	28684.7	3.6	7.585	40	a4	27	50794.5	4.3	7.507	62	a3	42
49305.5	1.0	7.353	50	a3	32	28862.8	3.0	8.485	73	i3	25	50874.6	1.3	7.882	49	a5	36
49391.0	0.8	9.593	37	i3	71	28926.7	1.9	7.482	31	a4	59	Ori GT					

Table 5 (continued)

t_e	σ_t	m	σ_m	type	n	t_e	σ_t	m	σ_m	type	n	t_e	σ_t	m	σ_m	type	n
46013.2	2.4	10.833	97	a5	14	47194.0	0.9	9.145	9	i5	6	49694.8	3.0	10.972	20	a3	391
46071.8	1.9	11.455	126	i5	9	47350.2	3.5	8.570	42	a3	12	50040.9	1.5	14.221	54	i3	161
46083.4	1.8	10.852	99	a5	10	47459.8	1.6	9.202	20	i3	7	50458.0	1.9	10.717	17	a3	521
46153.3	0.4	10.998	22	a5	7	50433.5	2.2	8.884	191	a4	5	50858.4	1.4	14.463	62	i6	71
46331.7	2.6	11.632	72	i5	12	Peg	SV					50984.5	1.2	11.779	42	a3	69
46417.4	1.6	10.799	72	a6	10	45582.5	2.5	8.431	41	a4	5	51072.4	0.9	12.952	38	i3	83
46455.0	4.2	11.311	81	i6	17	45650.2	2.3	9.360	61	i3	9	51354.5	2.0	11.041	24	a3	343
46540.2	3.1	10.819	199	a6	16	45926.4	0.6	9.405	165	i6	7	Per	RS				
46692.4	0.4	11.612	22	i4	5	46446.2	2.1	9.542	35	i4	6	37652.6	3.0	8.232	258	a6	12
46729.0	4.9	11.007	120	a6	15	46518.2	6.2	7.840	562	a6	9	37777.5	6.3	9.327	58	i3	15
46786.5	0.8	11.889	73	i3	7	46792.0	2.2	9.648	49	i3	11	37897.9	6.5	8.655	96	a4	18
46895.8	1.6	10.771	111	a6	22	47034.5	3.0	8.138	80	a5	10	38016.5	7.7	9.225	46	i3	23
47528.3	1.3	12.321	190	i6	14	47153.9	2.4	9.951	23	i3	21	38406.7	4.6	8.445	33	a3	13
47617.4	2.6	10.836	58	a3	12	47383.6	2.2	8.031	112	a3	7	40930.7	3.5	9.303	50	i3	11
47831.3	2.3	10.902	94	a6	12	47497.9	1.5	9.855	36	i3	17	42186.0	7.8	7.218	96	a3	19
47907.8	2.7	11.573	70	i5	14	47605.4	1.6	8.279	53	a5	6	44033.5	4.1	7.627	126	a5	22
47963.8	2.2	11.172	56	a5	19	47859.4	3.3	9.585	62	i3	15	44378.1	4.5	9.004	104	i4	10
47979.6	0.5	11.546	34	i6	10	48100.8	2.4	8.021	59	a6	14	44634.2	4.6	7.909	35	a3	15
48141.7	3.8	11.053	85	a5	35	48177.2	2.4	9.613	37	i6	14	44908.6	3.4	8.015	42	a3	15
48255.9	2.0	12.177	72	i3	34	48317.2	3.7	8.679	69	a4	9	46833.3	6.7	8.406	42	a4	10
48304.5	1.9	11.121	58	a4	33	48575.0	4.6	9.631	135	i6	10	47175.3	5.5	8.586	31	i3	15
48961.4	4.3	10.999	43	a3	59	48638.6	4.9	8.361	134	a3	7	47513.2	8.0	8.433	43	a3	18
49276.7	2.2	11.070	142	a6	8	49597.9	1.4	7.494	313	a6	7	47869.7	5.5	8.357	51	a3	21
49345.8	2.4	12.590	128	i6	10	49704.4	1.5	9.392	30	i3	10	48019.3	1.0	12.877	836	i6	7
49605.1	4.9	10.979	70	a3	11	50389.8	1.9	9.533	72	i5	12	48575.0	6.8	9.063	73	i3	24
49677.1	4.2	11.601	64	i3	12	Peg	TX					48996.9	4.2	8.493	45	a3	14
49718.4	0.9	11.080	50	a3	10	43058.8	2.3	8.295	35	a6	14	49600.1	9.1	9.056	39	i3	33
49756.2	0.2	12.266	358	i6	9	44488.2	2.7	8.630	26	a5	9	50602.0	7.5	7.879	81	a3	12
49799.7	2.5	11.197	112	a5	16	45638.7	2.0	8.595	4	a6	7	50805.5	5.2	8.680	128	i6	11
50072.5	3.7	11.414	59	a3	24	46381.5	3.1	8.139	55	a6	11	51150.4	8.1	8.214	54	a3	14
50123.7	1.4	12.425	113	i5	15	46739.1	2.3	9.112	21	i3	13	Per	SU				
50505.5	1.2	11.539	28	i5	16	47008.4	1.9	9.830	87	i3	17	32528.6	4.6	8.020	97	a6	16
50722.3	0.7	12.349	127	i6	14	47115.8	2.2	8.413	39	a3	32	33330.2	3.7	8.816	40	i3	13
50763.6	2.0	11.074	65	a6	27	47432.4	3.0	8.374	56	a5	23	35882.8	3.8	8.556	27	i3	24
51167.4	3.0	10.865	36	a4	87	47481.4	1.8	9.511	65	i6	15	36026.7	2.0	7.737	101	a3	7
51492.1	0.8	12.459	49	i6	13	47594.1	2.2	8.400	123	a6	10	36160.2	4.3	8.404	23	i3	17
Ori	RT					47731.8	3.1	9.741	115	i3	8	39752.5	2.4	7.800	117	a5	8
39669.9	7.9	8.965	154	i3	11	47815.2	6.1	8.377	90	a4	15	39783.1	3.3	8.188	56	i6	18
39883.8	8.2	7.781	91	a3	13	48497.0	3.0	9.800	149	i6	21	40160.8	4.2	7.586	18	a6	10
42095.9	6.8	8.982	199	i5	10	48601.3	2.5	7.992	86	a4	17	41020.7	9.7	8.359	38	i3	17
45876.2	5.6	7.985	33	a3	23	48934.9	1.9	9.087	31	i3	20	41217.7	9.0	7.875	27	a3	28
46214.9	10.3	8.332	27	i3	58	49331.5	2.8	8.112	65	a4	11	42398.4	5.3	8.731	46	i3	28
47860.7	2.0	8.879	67	i4	5	50054.2	3.2	8.261	19	a3	24	42625.1	5.8	8.218	25	a3	43
48614.6	4.1	8.107	75	i3	13	50410.4	2.5	9.250	65	i3	20	44983.7	4.1	8.356	28	i3	44
48964.0	5.1	7.468	159	a4	7	50741.3	2.4	8.276	40	a3	33	45675.0	1.9	8.455	19	i3	37
50141.9	6.2	7.566	92	a5	20	50815.2	1.8	9.014	91	i6	11	47532.9	5.4	7.863	30	a3	17
50754.6	4.9	8.389	29	i3	45	51393.7	2.3	8.485	40	a3	14	47958.0	0.2	7.828	58	a6	8
50884.9	4.8	7.451	150	a5	16	51434.1	2.4	8.963	183	i5	9	49164.7	1.1	9.002	8	i6	7
Peg	AK					51529.2	1.6	7.737	284	a6	15	50140.0	4.0	8.396	95	i6	13
42047.1	1.7	10.337	90	i5	11	Per	DY					51322.4	4.4	7.730	50	a3	12
46970.2	1.8	8.708	24	a3	7	49189.8	6.6	11.208	122	a3	42	Per	SY				
47065.9	5.1	9.612	101	i3	9	49339.0	2.5	14.123	127	i6	53	48033.7	3.5	9.687	57	a5	25

Table 5 (continued).

t_e	σ_t	m	σ_m	type	n	t_e	σ_t	m	σ_m	type	n	t_e	σ_t	m	σ_m	type	n
48279.9	2.8	11.635	36	i3	23	28866.1	4.0	10.341	82	i3	31	30031.9	4.7	8.168	53	a3	10
48523.8	2.5	9.065	57	a5	19	29306.3	4.9	10.425	33	i3	29	30207.1	3.7	9.026	71	i3	11
48668.0	4.2	11.634	74	i5	29	29683.6	4.5	10.106	28	i3	13	30374.3	3.1	8.074	33	a3	18
48973.8	2.7	9.180	103	a3	25	30439.5	5.8	9.189	40	a3	24	30743.5	5.9	8.828	96	i5	17
49161.2	3.7	11.330	67	i3	33	30740.0	7.9	10.040	39	i3	30	41307.1	2.8	7.783	89	a5	11
49918.4	5.7	9.874	141	a3	27	32732.7	4.4	8.985	99	a3	37	42412.5	7.1	7.856	42	a3	21
50165.9	3.0	11.938	51	i3	51	33267.6	9.3	9.273	32	a3	50	43721.2	13.6	8.172	38	i3	22
50415.9	3.4	9.814	90	a3	45	34778.3	4.9	11.280	127	i4	17	44184.1	4.6	8.705	48	i5	14
50626.0	6.0	12.872	555	i6	20	35019.7	5.0	9.023	42	a3	23	44579.1	5.4	8.225	44	a3	19
50940.5	7.6	9.524	189	a4	23	35268.2	3.8	10.605	146	i3	8	46785.1	7.6	8.020	30	a3	48
51105.7	5.7	12.253	119	i4	33	35388.9	4.0	9.120	47	a5	44	47192.5	8.1	8.587	26	i6	60
51386.7	3.0	10.005	65	a3	41	38703.2	9.7	8.925	66	a6	33	48580.2	3.9	8.222	37	i3	15
Per T						39435.9	5.9	10.239	68	a3	24	48803.0	5.8	7.691	30	a3	24
33549.8	2.5	9.215	43	i3	15	39510.2	5.9	10.841	86	i6	30	49246.6	4.8	7.605	75	a6	13
37947.1	5.2	9.129	19	i3	32	39835.8	3.3	11.231	58	i5	27	49690.4	3.5	7.824	54	a3	9
41685.5	2.7	8.387	72	a6	27	40248.7	17.9	10.615	66	i5	52	50116.9	5.7	8.797	57	i6	15
42330.1	2.7	9.057	71	i5	9	41355.7	4.8	10.967	102	i6	23	50726.4	4.8	8.890	64	i6	52
42703.9	7.2	9.420	62	i3	32	41576.3	8.1	9.381	127	a3	15	Pic R					
43447.8	1.9	8.461	97	a6	15	41814.0	1.3	11.965	78	i4	7	44918.5	1.9	7.113	52	a3	11
45364.7	7.9	8.651	91	a6	21	43393.8	5.0	8.962	234	a6	12	44999.8	1.4	9.149	63	i6	20
45649.4	10.6	8.532	46	a3	19	43623.4	3.2	11.333	185	i3	7	45321.2	1.8	8.628	52	i3	15
45875.9	8.5	8.996	110	i6	15	43911.6	8.3	8.942	96	a6	18	45397.9	1.2	6.798	40	a6	7
45999.0	7.7	8.384	99	a6	13	44419.7	10.0	9.801	60	a3	61	46009.4	1.9	9.542	110	i6	8
48045.7	5.4	8.990	69	i3	19	45030.6	9.0	9.161	77	a6	42	46083.7	1.4	6.729	85	a3	18
49852.5	1.9	9.263	14	i3	113	45230.7	2.6	11.479	569	i6	19	46383.7	1.1	6.587	23	a5	16
Per UZ						45782.5	4.7	10.881	113	i6	24	46751.6	1.2	7.370	37	a6	12
47923.6	4.2	8.373	21	a6	9	45992.1	17.5	9.993	55	a3	56	47193.1	2.2	8.895	190	i3	9
49160.2	25.2	9.128	220	i5	12	46238.5	3.5	11.096	149	i3	18	47529.4	0.6	8.218	45	i6	8
49615.4	27.5	8.328	132	a4	9	46356.5	6.7	9.815	88	a5	66	47874.3	0.9	9.191	73	i6	9
50102.3	18.5	9.049	48	i3	9	46777.1	7.4	9.766	48	a3	63	47944.2	1.4	6.881	73	a3	7
50555.2	8.9	8.175	56	a3	10	46955.7	10.6	10.563	117	i3	21	48267.4	1.6	6.978	143	a3	10
51007.4	12.7	8.965	40	i3	22	47169.7	6.7	9.159	66	a5	41	48576.9	2.5	7.028	114	a4	7
51490.8	35.6	8.287	98	a4	13	47316.2	6.4	10.792	244	i6	29	49727.5	1.5	9.152	109	i3	6
Per W						47904.0	1.8	10.845	87	i3	29	Psc RW					
23125.6	3.2	8.706	62	a3	36	48184.3	3.6	8.844	27	a3	120	23768.8	0.2	9.472	4	a6	7
23384.6	3.4	10.577	55	i3	54	48407.2	4.4	11.302	304	i3	25	23785.9	1.3	9.937	53	i6	9
23621.8	2.9	8.998	39	a3	61	48648.7	6.3	9.127	36	a3	91	24060.3	2.1	9.431	23	a3	17
24910.2	3.3	9.246	39	a3	48	48942.0	3.3	10.977	41	i3	92	24098.5	1.0	9.671	20	i3	10
25089.4	2.1	10.478	23	i3	91	49110.3	6.6	9.044	264	a5	71	24131.6	0.8	9.148	41	a3	8
25184.6	5.0	10.007	33	a6	110	49435.9	5.4	11.111	58	i3	76	24151.3	2.7	9.457	103	i3	5
25537.5	3.9	10.788	27	i3	61	49620.4	2.5	9.340	44	a4	181	24187.9	0.1	8.635	141	a6	7
25865.4	4.6	9.360	48	a3	49	49891.9	4.7	10.740	32	i4	130	24471.2	3.3	9.106	48	a6	27
26088.7	3.5	10.612	36	i3	59	50136.1	13.9	9.777	36	a3	179	24801.2	0.8	9.337	30	a6	11
26342.4	3.6	9.049	43	a5	54	50330.2	6.7	10.429	46	i4	62	24836.8	0.6	9.649	17	i6	13
26672.5	2.0	11.164	58	i3	55	50574.2	7.1	9.455	58	a3	70	Psc Z					
26891.0	3.9	9.361	45	a3	67	50798.6	5.1	10.267	54	i3	63	45988.7	2.4	7.614	42	i3	8
27105.6	5.0	10.511	33	i5	73	51135.9	4.0	9.338	32	a3	88	46301.7	4.3	7.690	83	i3	11
27349.1	3.8	8.930	37	a4	74	Per XX						48552.4	5.8	7.260	51	a3	28
27716.0	5.9	10.539	85	i6	31	24806.1	4.9	7.794	55	a3	21	48967.6	6.5	7.792	135	i6	14
27855.1	4.3	9.890	35	a3	20	25047.1	3.9	8.705	22	i3	148	50056.9	0.1	8.672	19	i6	7
28019.1	5.0	10.284	20	i3	37	25286.4	6.5	8.063	20	a3	171	51136.8	4.7	7.622	88	i3	21
28693.0	3.9	9.095	51	a3	34	25612.6	6.4	8.551	30	i5	158	Sco BM					

Table 5 (continued).

t_e	σ_t	m	σ_m	type	n	t_e	σ_t	m	σ_m	type	n	t_e	σ_t	m	σ_m	type	n
46263.4	5.4	6.942	47	i3	19	49538.4	6.1	7.299	45	a4	15	49346.8	1.9	9.125	47	a4	20
46568.3	2.7	5.949	49	a3	11	50003.9	2.4	7.158	99	a3	11	Tau TT					
47749.4	2.4	6.659	23	i6	12	50694.3	3.3	8.029	52	i3	12	47034.7	1.1	8.905	10	a4	5
48074.7	1.2	7.135	40	i3	8	51360.2	3.3	7.586	29	a3	19	47063.6	3.9	9.121	59	i3	5
48814.6	1.6	6.048	61	a6	10	51444.3	3.2	7.889	92	i6	15	47137.5	3.1	8.546	38	a3	11
Sct S						Ser FG						47254.7	2.5	8.956	42	i6	14
28709.3	2.6	7.071	96	a3	7	47127.5	5.5	12.411	47	i3	27	47426.3	3.6	8.796	48	i3	6
29219.9	1.0	7.785	126	i6	8	47353.6	3.7	9.709	116	a3	17	47557.8	3.2	8.951	23	i3	8
29548.9	4.3	7.218	38	a4	7	47492.9	5.6	12.205	264	i3	6	Tau W					
29725.0	0.4	7.473	39	i6	7	47650.9	4.6	11.169	122	i5	10	27457.1	1.0	9.596	40	a3	9
29734.4	2.2	7.290	36	a3	5	47728.5	2.5	10.110	265	a6	21	38334.7	3.0	9.753	97	a3	18
31683.2	1.1	7.798	56	i3	10	48470.7	3.1	12.218	86	i3	48	39105.9	2.1	9.914	54	a3	14
32332.7	2.0	8.102	146	i3	8	48605.1	3.3	10.145	225	a3	19	39439.3	4.5	10.908	52	i3	9
32384.0	1.4	7.159	45	a3	16	49068.6	3.6	11.050	95	a3	12	42755.8	0.9	11.063	53	i3	7
33508.0	1.2	7.808	44	i3	10	49138.1	2.5	12.007	58	i3	35	44258.4	2.6	11.028	73	i3	16
33853.8	1.1	7.277	21	a3	10	49199.3	1.9	11.270	51	a6	44	44311.2	1.9	9.987	60	a4	12
33903.7	2.4	7.702	64	i3	5	49900.7	4.3	11.479	88	a6	23	44533.2	1.2	10.975	115	i6	10
33938.0	2.5	7.416	37	a4	9	49969.8	1.9	12.517	114	i6	15	44576.4	2.0	10.109	67	a3	10
34275.7	3.5	7.604	47	i3	11	Sge X						44706.7	0.6	10.985	158	i6	9
34636.5	1.5	7.050	92	a5	9	45214.2	2.8	8.432	21	i3	7	44907.9	1.7	11.210	77	i4	9
37223.4	3.7	7.287	32	i3	8	46651.9	4.2	9.129	123	i3	9	44994.9	2.0	10.253	30	a3	17
37884.2	5.6	7.073	65	a5	27	46947.7	1.8	8.233	23	a5	6	45276.4	4.0	9.603	160	a4	17
41156.1	2.7	7.079	40	a6	27	48804.7	1.3	8.126	33	a4	8	45643.8	1.8	11.020	41	i3	22
41551.5	4.5	7.189	29	a5	57	48851.7	2.4	8.503	82	i6	12	45776.6	3.2	9.975	55	a4	21
41947.0	1.9	7.611	46	i3	43	48872.7	2.3	8.166	47	a5	11	46002.0	3.0	10.007	51	a3	31
42278.8	7.5	7.181	54	a3	36	49218.2	3.8	8.116	42	a5	15	46147.7	2.1	11.373	59	i6	17
42556.6	2.8	6.924	94	a5	41	49925.2	1.7	9.026	104	i4	7	46259.9	2.3	9.873	65	a3	21
42672.4	2.1	7.882	40	i3	69	50700.9	1.7	9.125	62	i4	13	46383.5	1.6	11.508	66	i3	24
43021.3	7.9	7.195	110	a6	28	51080.9	4.8	9.043	92	i4	14	46487.5	2.6	9.890	46	a3	57
43408.6	3.7	8.000	37	i3	29	51341.0	7.0	8.354	45	a6	37	46630.8	5.4	11.005	109	i3	29
43618.9	1.2	7.308	73	a4	6	51460.3	6.2	9.000	72	i3	28	46737.9	2.5	9.921	67	a5	76
43700.4	3.8	8.181	44	i3	17	Tau AB						47134.3	2.7	10.897	27	i3	161
43792.9	3.5	7.259	90	a3	15	45715.7	4.3	10.277	55	i3	19	47256.2	4.3	9.929	60	a5	57
44002.7	3.2	8.236	69	i6	13	46015.6	3.3	9.915	42	i3	14	47416.5	2.3	11.049	30	i3	41
44229.9	3.3	7.465	41	a5	16	46097.8	1.3	9.313	29	a6	13	47503.9	1.2	9.984	22	a4	111
44329.6	1.9	8.091	288	i6	7	46240.7	4.1	10.946	827	i6	10	47835.9	1.9	10.915	24	i5	194
44416.3	0.6	7.402	22	a5	6	46367.2	3.2	8.759	63	a4	14	48271.6	2.3	10.029	32	a3	84
44804.8	9.7	7.818	31	i3	24	46438.3	2.2	9.696	71	i3	9	48522.2	3.0	10.072	53	a4	47
44991.0	0.7	6.948	49	a5	11	46711.9	0.2	10.791	25	i6	7	48625.1	1.3	11.236	46	i3	71
45070.6	4.0	8.169	117	i3	6	46778.3	2.1	8.905	74	a3	14	48752.4	2.9	10.016	65	a3	26
45213.1	8.0	7.573	39	a3	13	46846.5	3.5	9.712	75	i3	8	48864.5	3.1	11.108	89	i4	28
45924.5	2.1	8.046	58	i5	8	47487.7	1.8	8.771	98	a3	9	49323.3	6.1	10.693	40	i3	60
46436.3	7.0	7.875	94	i6	19	47562.4	0.9	10.633	43	i3	13	49559.1	6.9	10.784	62	i3	32
46671.1	2.7	7.188	255	a3	5	47744.2	0.1	16.499	288	i4	7	49690.1	3.5	10.203	44	a3	79
46758.5	1.6	7.844	51	i6	10	47880.5	1.4	10.440	115	i6	9	49949.1	1.9	9.917	80	a3	16
46829.8	3.5	7.295	135	a6	7	47919.1	2.3	8.331	179	a3	8	50057.0	4.8	10.283	34	a3	65
47057.4	2.5	7.853	28	i5	18	48203.0	1.2	8.323	55	a3	8	50135.2	1.5	10.817	45	i3	51
47137.6	5.1	7.155	55	a4	10	48277.6	2.0	9.589	46	i3	24	50383.9	2.2	10.938	55	i4	18
47361.7	5.3	8.120	110	i4	8	48368.4	0.6	8.112	443	a5	6	50441.0	3.3	9.836	65	a3	52
48346.8	0.6	7.404	3	i6	8	48633.4	2.2	8.830	46	a6	16	50512.3	1.8	10.830	32	i3	56
48458.2	4.2	6.887	258	a6	11	49004.0	2.0	9.613	46	i3	15	50748.8	2.8	10.732	43	i3	50
48832.3	2.8	8.076	46	i6	8	49293.7	1.5	10.272	66	i4	18	50827.7	1.9	9.774	59	a3	74

Table 5 (continued).

t_e	σ_t	m	σ_m	type	n	t_e	σ_t	m	σ_m	type	n	t_e	σ_t	m	σ_m	type	n
50961.7	4.3	11.089	88	i3	44	42850.8	3.4	7.119	64	i3	17	46781.4	3.3	7.742	35	a3	28
51079.3	2.9	10.365	54	a3	34	43907.7	4.1	8.166	84	i5	21	47076.2	6.3	8.710	76	i3	24
51163.7	2.2	11.056	42	i3	70	44268.6	5.2	7.597	51	a3	14	47208.9	10.4	8.059	34	a3	38
51236.8	3.4	10.188	63	a3	53	44607.7	3.8	6.959	71	a3	21	47443.7	8.3	7.694	46	a4	50
Tau Y						44909.1	0.4	8.120	14	i5	6	47700.3	8.0	8.731	116	i3	14
24126.0	5.4	7.829	196	i3	9	45030.9	2.9	6.729	67	a6	61	48178.1	7.7	7.903	43	a3	47
24256.7	5.6	6.654	78	a5	31	45380.9	3.4	8.003	100	i3	19	48901.0	7.8	7.980	68	a5	39
24492.5	3.6	6.813	34	a3	114	45727.1	5.2	6.777	159	a5	33	48933.4	1.7	8.445	108	i5	19
24662.5	3.0	8.023	79	i4	119	46438.2	4.8	7.323	51	a3	52	48994.0	5.0	7.920	71	a6	29
24848.1	3.4	7.617	57	i5	51	47537.1	3.4	7.482	62	a3	22	49330.8	4.3	7.950	35	a3	60
24970.0	3.2	6.603	45	a4	83	47602.2	2.2	8.083	44	i3	16	49633.7	3.4	8.334	67	i5	26
25087.1	3.0	8.279	112	i3	31	48577.9	3.4	8.188	38	i3	59	49696.0	1.2	7.831	74	a6	35
25414.3	2.2	6.536	78	a3	37	48934.4	4.8	7.324	69	a3	16	49725.7	1.5	8.497	54	i6	37
25565.1	2.0	8.141	45	i3	69	50434.2	3.1	6.811	37	a3	74	49934.4	4.4	8.548	94	i4	22
25685.0	3.6	6.929	21	a3	100	Tri W						50005.2	3.6	8.079	38	a3	43
25814.8	4.0	8.033	85	i3	20	19703.3	1.6	8.799	145	i3	8	50327.9	4.1	7.934	36	a3	29
25920.9	3.5	7.257	51	a3	49	19726.2	0.9	7.980	176	a6	9	50432.0	4.9	7.805	53	a6	52
26006.1	3.4	8.208	48	i6	50	19761.3	0.9	8.632	188	i6	11	UMa RY					
26368.8	4.5	7.996	38	i3	61	19778.8	1.4	7.473	158	a4	8	25415.9	2.0	7.331	14	a3	81
26659.1	2.2	6.943	27	a3	78	19823.3	1.4	8.777	38	i3	19	25576.2	7.0	7.752	18	i3	84
27009.6	4.5	7.962	32	i3	32	20060.2	2.3	7.291	1021	a6	8	26135.4	2.6	7.896	40	i5	13
27300.9	2.0	8.248	61	i5	13	20544.3	0.7	8.785	14	i6	8	26368.2	7.5	7.086	100	a6	15
27396.2	2.3	7.487	34	a3	29	34028.5	0.7	8.059	24	a3	7	27480.6	8.6	7.237	51	a6	13
27477.1	1.3	8.095	23	i3	33	34064.2	0.6	8.513	16	i3	6	34188.1	3.2	8.290	61	i6	16
27580.1	1.7	6.676	71	a3	16	37321.9	1.3	8.181	27	a3	8	44085.4	4.6	8.243	52	i3	18
27735.1	5.6	8.136	38	i3	71	37586.9	1.5	8.478	43	i3	14	44224.3	8.4	7.535	69	a3	14
27867.3	5.1	7.282	52	a3	78	37629.9	2.4	7.676	118	a6	34	44378.5	3.1	8.262	32	i3	19
28199.8	2.0	8.227	25	i3	110	37737.2	1.4	8.487	27	i5	33	44503.7	3.2	7.283	91	a3	11
28440.2	2.0	7.727	41	i3	22	39026.5	2.1	8.236	71	i3	5	44614.3	5.5	8.245	105	i6	25
28545.8	6.2	7.266	45	a3	51	39067.3	3.5	7.473	149	a3	6	44841.2	8.6	7.438	34	a3	59
28871.8	1.6	7.107	42	a3	28	39105.5	0.2	8.277	8	i6	7	44991.3	1.3	8.145	72	i5	51
28942.2	1.7	7.827	25	i3	55	39166.6	1.6	7.347	80	a6	10	45165.2	3.8	7.465	26	a6	131
29286.7	2.1	7.469	39	a3	33	40215.4	6.8	7.955	72	a6	36	45297.0	3.9	8.013	33	i3	47
29635.1	3.1	8.495	18	i3	61	40504.3	0.9	7.081	214	a5	8	45477.2	7.7	7.579	17	a4	103
30082.7	2.8	8.731	44	i4	11	40906.6	3.5	8.155	36	i3	18	45567.1	1.1	7.995	30	i5	45
30750.3	7.4	7.996	25	a3	17	41619.3	1.7	8.615	82	i3	15	45729.0	7.2	7.551	24	a3	86
32512.3	12.9	8.308	318	i5	23	41712.7	3.0	8.055	52	a5	42	45826.6	3.8	7.798	28	i6	101
33344.3	4.2	7.748	106	a3	16	41741.7	3.2	8.335	74	i3	16	46343.3	6.6	7.244	31	a5	127
34753.5	1.9	8.434	44	i3	16	42025.0	1.6	7.362	56	a3	12	46903.8	2.4	7.387	22	i3	91
35489.0	1.5	8.307	30	i3	17	42339.2	0.7	8.507	58	i3	7	47011.6	6.9	7.082	12	a4	332
35552.8	3.8	7.618	85	a3	17	43033.6	1.8	8.652	82	i5	21	47220.3	3.6	7.374	27	i6	170
35883.1	1.4	8.213	58	i6	24	43130.9	1.9	7.813	57	a5	18	47441.9	3.9	7.095	19	a6	311
36274.8	1.6	7.421	102	a3	13	43452.9	2.0	7.566	69	a3	19	47513.8	7.2	7.427	26	i5	251
36978.8	3.0	7.314	40	a3	29	43496.6	1.8	8.503	136	i3	7	47684.0	3.7	7.191	23	a5	143
37279.6	4.5	6.942	30	a3	19	43556.8	3.1	7.534	37	a3	17	47791.6	2.0	7.749	30	i3	96
37636.1	2.5	7.787	37	i3	23	44535.9	6.0	7.831	223	a6	9	47897.1	1.6	7.105	54	a6	180
39915.4	3.4	6.498	74	a4	44	44623.3	4.3	8.294	26	i4	17	48057.7	2.1	7.853	33	i4	103
40135.9	1.7	5.345	489	a4	9	44902.9	0.5	6.902	838	a6	9	48200.2	3.9	7.207	19	a3	250
40639.0	5.0	7.915	88	i4	10	44965.1	2.3	8.136	44	i5	43	48361.3	2.8	7.753	24	i3	145
41738.9	2.3	7.927	86	i3	23	45254.6	2.3	7.794	101	a3	6	48523.7	2.5	7.104	11	a3	312
42496.7	3.2	7.815	214	i3	8	45593.0	2.9	7.613	53	a3	13	48657.2	2.0	7.939	28	i4	168
42788.6	3.0	6.184	96	a5	13	46464.5	3.7	8.283	60	i5	23	48814.9	2.3	7.163	15	a3	211

Table 5 (continued).

t_e	σ_t	m	σ_m	type	n	t_e	σ_t	m	σ_m	type	n	t_e	σ_t	m	σ_m	type	n
48959.0	1.8	7.861	19	i3	121	47626.3	2.0	10.343	32	i4	37	27522.9	1.9	7.401	31	i5	18
49114.7	3.2	7.195	18	a3	182	47734.7	5.1	9.715	54	a3	22	27870.2	2.4	6.804	42	a5	29
49250.6	3.6	7.874	28	i3	108	47872.5	6.8	10.152	54	i3	31	27982.9	2.0	7.335	26	i3	21
49410.3	4.6	7.291	18	a3	181	48012.5	2.9	9.076	73	a3	26	28035.3	4.7	6.998	65	a5	12
49593.6	2.3	7.645	19	i5	132	48139.2	3.8	10.312	91	i3	14	28102.7	5.4	7.237	52	i3	9
49722.6	3.9	7.192	16	a3	241	48269.3	2.8	9.310	30	a3	29	28184.7	1.6	6.819	20	a3	9
49883.3	2.1	7.683	18	i3	162	48398.8	4.1	10.415	86	i4	18	28219.4	2.3	7.004	27	i3	11
50003.9	3.5	7.133	21	a3	131	48542.3	3.0	10.043	55	i3	14	28267.3	1.0	6.608	29	a3	12
50142.5	3.0	7.557	21	i3	114	48588.1	5.5	9.346	231	a5	13	28306.1	1.8	6.935	24	i3	15
50231.8	2.5	7.100	23	a3	81	48700.9	3.5	10.124	49	i3	25	28522.1	2.5	7.203	27	i3	19
50278.9	2.4	7.326	22	i3	64	48793.0	1.3	9.358	110	a5	20	30515.3	3.0	7.286	41	i3	18
50323.8	8.4	7.119	26	a4	102	48851.4	0.5	10.238	37	i5	8	37468.5	3.2	6.949	39	i3	21
50405.9	6.8	7.260	26	i5	250	49069.6	1.1	9.419	24	a3	16	40320.6	3.2	6.898	25	i3	37
UMa	RZ					49433.8	1.2	10.545	46	i6	8	40368.1	0.9	6.139	46	a5	36
25618.2	1.6	9.884	49	i6	8	49639.6	3.6	8.981	61	a4	8	41105.3	2.1	6.189	137	a6	8
25649.8	0.9	9.367	23	a3	8	49715.6	4.7	9.750	94	i3	11	41357.7	0.2	6.478	7	a3	7
25694.2	0.1	9.810	1	i6	7	49790.4	3.4	9.085	38	a5	47	41390.8	2.4	6.859	58	i4	6
25763.8	3.5	9.214	69	a4	6	50026.7	4.1	9.981	51	i3	13	41576.2	0.4	6.480	2	a5	6
25837.7	2.7	9.833	58	i3	7	50173.0	2.0	10.217	65	i6	20	43261.7	4.1	6.698	65	a4	42
25935.9	1.7	9.214	26	a5	6	50217.8	2.1	9.519	38	a3	17	43302.1	3.0	7.234	143	i6	16
26010.4	6.8	9.145	113	a4	6	50295.1	1.2	10.253	24	i3	12	43413.1	2.4	6.685	78	a6	8
26124.2	3.8	9.756	38	i3	10	50364.9	1.6	9.655	28	a3	11	43446.9	1.5	7.118	35	i6	7
26221.3	2.8	9.228	44	a4	6	50422.9	2.6	9.986	32	i3	12	43525.8	4.6	6.624	76	a3	10
26380.0	3.4	9.987	79	i5	6	50505.9	2.1	9.272	68	a3	9	43768.3	3.2	7.295	44	i3	13
26468.5	2.5	9.339	56	a4	6	50547.2	2.8	9.905	95	i5	11	43842.0	12.8	6.838	88	a4	24
27537.5	6.8	9.129	19	a3	15	50632.5	3.9	9.363	60	a3	16	44059.9	7.8	7.604	52	i6	69
28006.4	1.4	8.763	25	a3	9	50708.7	3.0	9.869	49	i3	14	44346.3	4.0	6.561	47	a5	52
28912.1	2.4	9.667	120	i6	19	50783.3	1.7	8.959	44	a3	15	44703.7	2.1	6.511	50	a3	36
29035.7	4.7	8.922	44	a3	24	50844.7	2.0	9.505	22	i3	33	45421.3	2.5	6.983	71	i3	12
29216.9	2.2	9.813	107	i6	7	50910.7	2.0	8.837	60	a3	16	45468.2	3.9	6.581	41	a3	28
29278.6	3.7	8.963	56	a3	24	50969.2	5.7	9.423	77	i3	16	45671.0	6.6	7.097	60	i5	109
29382.3	3.8	9.891	41	i3	38	51098.6	2.2	9.569	46	i3	21	45881.4	5.1	6.739	45	a5	71
30724.9	2.5	9.928	242	i6	12	51161.4	1.2	8.871	45	a3	19	46128.2	1.2	7.160	38	i3	40
30844.8	3.8	9.247	52	a3	17	51242.2	2.4	9.695	70	i6	19	46310.4	3.3	6.990	57	i6	103
32634.5	4.2	9.152	67	a3	16	51286.9	1.1	8.950	41	a4	9	46417.7	3.7	6.451	68	a4	49
42882.3	1.2	9.143	53	a3	12	51461.8	1.9	8.884	19	a3	52	46476.7	2.3	6.997	74	i6	41
42935.4	1.9	10.368	72	i6	14	UMa	ST					46524.7	2.2	6.649	45	a6	66
43033.8	2.8	9.629	39	a3	13	25453.7	1.1	7.177	42	i3	23	46658.4	4.4	7.127	42	i5	192
43105.1	1.5	10.351	30	i4	9	26401.1	2.2	6.724	47	a3	14	46695.6	2.2	6.589	94	a6	34
43170.8	0.7	9.634	15	a6	7	26429.3	1.7	7.059	63	i5	18	46777.9	2.9	6.691	87	a4	29
43531.0	1.8	10.508	61	i3	6	26713.0	1.7	7.452	43	i5	20	46866.6	1.1	6.433	46	a4	49
44614.0	6.5	9.168	70	a3	11	26818.4	1.9	6.780	37	a6	37	46900.5	1.6	7.048	46	i3	49
45055.6	2.2	8.863	48	a3	36	26861.9	2.8	7.213	36	i3	20	46941.4	2.0	6.382	45	a4	66
45780.1	3.1	9.307	72	a3	16	26928.3	0.8	6.395	39	a6	16	47002.3	2.0	6.974	71	i3	35
45863.4	2.8	10.283	142	i6	17	26961.1	0.6	7.223	14	i6	13	47320.1	1.3	7.280	41	i6	49
46478.1	1.7	10.123	53	i3	5	27051.5	0.5	6.341	193	a6	8	47384.7	1.2	6.463	29	a3	49
46844.9	9.7	9.406	113	a6	27	27149.3	2.6	7.305	22	i3	27	47416.7	2.3	6.942	45	i4	22
47186.8	3.6	9.081	82	a3	10	27222.0	1.5	6.918	23	a3	20	47462.4	2.2	6.631	43	a3	28
47309.9	3.0	9.052	98	a6	13	27274.7	0.5	7.514	35	i6	11	47506.4	1.5	6.975	65	i6	19
47379.1	2.2	10.236	61	i3	16	27346.3	2.2	6.879	56	a6	14	47547.4	1.4	6.564	60	a6	33
47449.0	1.8	8.705	96	a3	11	27441.6	3.3	7.438	36	i5	17	47600.4	1.4	7.250	26	i6	91
47501.6	1.5	9.119	95	a6	17	27486.7	2.4	7.162	21	a3	25	47676.6	1.4	6.792	36	a3	41

Table 5 (continued).

t_e	σ_t	m	σ_m	type	n	t_e	σ_t	m	σ_m	type	n	t_e	σ_t	m	σ_m	type	n
47717.5	3.2	7.317	34	i4	54	39905.4	2.9	10.437	74	i3	13	24102.5	1.6	8.150	50	a4	5
47951.7	1.2	6.618	28	a3	93	39950.5	3.0	9.414	189	a4	11	28691.3	3.5	9.253	58	i4	11
48002.6	2.4	7.080	26	i3	60	40266.4	1.1	9.982	56	a3	7	29045.0	2.4	9.573	65	i5	11
48043.2	2.8	6.823	78	a6	29	40306.5	2.4	10.839	99	i4	13	29199.7	7.7	8.227	370	a6	17
48214.4	4.8	6.543	130	a5	61	40603.0	3.2	10.098	78	a3	13	29362.0	1.6	9.467	33	i3	40
48448.8	8.7	7.319	15	i3	206	40639.7	1.7	10.428	29	i3	11	29464.7	4.0	8.268	96	a3	16
48667.9	1.5	6.895	43	a3	41	40680.4	3.9	10.206	50	a3	19	29541.6	4.1	9.089	97	i3	5
48690.0	2.4	7.188	48	i6	31	40892.7	2.9	10.693	72	i3	14	29601.6	3.4	8.229	94	a3	9
48758.2	1.7	6.619	39	a6	81	40942.8	3.1	10.040	79	a5	21	29692.0	2.4	9.353	60	i3	16
49035.0	1.2	6.795	58	a6	30	41319.5	2.3	10.733	85	i3	14	29797.4	6.0	8.379	95	a3	10
49067.6	1.8	7.103	34	i6	34	41380.7	1.2	9.936	28	a3	16	29874.9	3.0	8.995	93	i3	5
49108.1	4.3	6.825	33	a3	49	41438.0	3.0	10.769	129	i3	9	29918.7	1.6	7.675	466	a6	7
49175.9	1.8	7.150	41	i5	38	41760.7	3.6	10.525	71	i3	13	32519.7	5.7	8.076	274	a5	34
49210.3	2.9	6.694	58	a3	24	42455.9	4.2	9.586	123	a3	10	32638.6	6.7	9.015	58	i3	16
49443.8	2.0	7.105	27	i3	40	42536.2	1.5	10.729	59	i6	12	36023.2	2.4	8.450	35	a4	15
49473.8	2.4	6.937	39	a4	30	43087.9	3.4	9.842	35	a4	6	36282.3	2.8	9.859	45	i3	16
49534.0	5.8	7.241	27	i5	75	43166.6	8.4	10.431	51	i5	16	36390.7	2.9	8.334	46	a6	28
49841.9	3.1	6.702	17	a3	212	43481.1	1.9	9.883	26	a5	7	36607.0	4.4	9.152	57	a5	22
51246.0	7.0	6.686	25	a3	153	43593.0	6.3	10.490	38	i3	25	36709.8	0.8	9.711	123	i5	8
51395.3	4.0	7.304	51	i5	86	43697.2	3.2	9.837	88	a3	7	36772.7	2.4	8.459	33	a4	23
UMa SV						43854.0	3.2	10.017	53	a6	18	36934.1	3.5	9.553	37	i3	24
19067.4	2.2	9.463	120	a3	5	44265.3	4.4	10.114	39	a4	35	37047.2	2.1	8.775	34	a3	21
19104.1	1.8	10.269	72	i3	6	44580.5	0.9	10.805	31	i3	8	37491.4	4.1	9.174	50	i5	21
29651.0	1.2	8.995	112	a3	7	44638.3	2.1	9.888	40	a4	20	37881.0	4.4	9.372	47	i5	41
29694.6	1.6	9.899	67	i3	15	44753.7	6.3	10.663	54	i3	15	38018.1	7.3	8.773	47	a3	31
29750.5	1.6	8.753	62	a5	14	44977.9	3.0	10.470	37	i3	12	38171.3	0.6	9.508	6	i3	9
47270.7	2.1	9.462	46	a5	15	45040.9	1.0	10.063	23	a3	11	38237.8	1.9	9.233	20	a3	6
48287.6	2.5	9.807	62	i3	10	45327.8	1.3	10.884	63	i6	8	38406.5	9.2	9.157	43	a3	12
48320.0	2.0	9.235	73	a4	12	45390.0	2.6	9.964	62	a3	12	38497.7	4.0	9.475	37	i3	11
48365.8	1.0	9.825	41	i6	11	45702.8	3.2	10.746	38	i3	15	39955.0	2.7	8.276	47	a3	61
48385.9	0.3	9.091	16	a6	9	45806.6	1.8	9.985	61	a6	17	40103.8	4.9	9.189	63	i3	48
48628.9	1.7	8.812	120	a3	6	46852.9	3.3	9.978	81	a4	21	40257.8	4.1	7.840	131	a4	22
49053.5	0.6	9.046	34	a3	9	46987.4	17.9	10.567	90	i4	20	40903.3	6.5	8.215	110	a4	28
49378.1	1.1	9.198	25	a3	17	48007.8	2.3	10.020	67	a3	11	41092.4	5.7	9.014	56	i6	61
49491.9	4.0	9.778	44	i6	25	48363.0	8.0	10.473	37	a3	18	41235.9	4.5	8.023	149	a3	11
49734.6	1.3	9.912	117	i6	10	48663.4	4.4	9.953	128	a5	12	41334.6	11.5	8.759	77	i5	60
49767.8	1.3	9.282	43	a3	10	48725.6	3.0	10.868	125	i4	14	41552.3	9.9	8.186	70	a3	51
49818.9	2.4	9.841	51	i3	11	49425.0	6.8	10.218	93	a3	14	41685.8	2.5	9.152	101	i6	59
UMa V						49789.1	3.1	9.746	101	a6	23	41835.5	4.8	8.300	33	a3	127
19028.4	2.4	10.500	57	i3	14	50107.1	2.7	10.883	62	i6	12	42043.6	5.1	8.953	45	i4	43
19072.5	1.0	9.806	57	a3	13	50176.6	2.8	9.745	93	a3	9	42267.6	4.9	8.228	58	a6	119
19122.1	1.6	10.862	88	i3	11	50504.7	2.3	11.140	69	i6	15	42345.5	3.6	8.771	120	i3	21
19170.0	0.6	8.917	58	a5	6	51196.7	3.7	9.930	72	a3	12	42435.4	2.8	8.055	52	a4	74
37704.9	2.1	9.736	42	a3	15	UMa Y						42563.8	4.5	8.758	50	i4	82
37752.2	2.0	10.402	50	i3	13	22887.2	9.0	8.742	24	a3	15	42613.4	8.0	8.478	59	a4	49
37769.5	1.8	10.064	167	a6	12	23065.3	3.4	9.131	40	i4	7	42689.0	3.3	8.752	53	i3	25
38065.0	3.1	10.945	157	i3	10	23140.2	1.9	8.071	65	a5	8	42840.6	4.3	8.163	45	a5	69
38107.1	1.3	9.347	94	a6	10	23346.1	10.8	9.055	57	i3	11	42934.9	1.3	9.155	126	i6	26
38412.7	1.7	11.295	89	i3	10	23495.5	3.6	8.623	23	a6	17	43151.1	2.7	8.224	25	a3	61
39534.8	1.9	9.933	66	a3	9	23678.8	0.8	9.244	46	i5	8	43237.4	2.7	8.874	49	i3	54
39603.4	3.3	10.848	140	i5	8	23833.7	7.5	8.761	22	a3	14	43322.1	4.0	8.398	118	a4	21
39822.2	5.0	10.000	320	a6	16	24006.6	4.1	9.097	29	i4	10	43384.1	3.8	8.918	56	i3	10

Table 5 (continued).

t_e	σ_t	m	σ_m	type	n	t_e	σ_t	m	σ_m	type	n	t_e	σ_t	m	σ_m	type	n
43507.5	2.0	8.055	239	a6	9	19882.3	0.6	8.362	24	i3	19	26280.5	3.3	7.620	37	a3	32
43607.5	7.7	8.425	37	a4	76	19931.6	0.5	7.301	16	a6	21	26346.0	3.5	8.077	63	i5	41
43743.3	6.6	8.905	99	i6	29	19985.3	1.2	8.282	59	i4	15	26689.3	2.5	7.146	135	a3	15
43813.0	7.1	8.116	81	a5	41	20019.9	1.0	7.336	48	a6	28	26801.1	3.5	8.123	64	i5	47
44037.7	4.6	8.788	46	i3	36	20084.5	0.8	7.981	36	i3	12	26862.4	3.1	7.069	57	a3	29
44162.7	4.2	8.031	74	a4	42	20130.8	1.0	7.283	33	a3	17	26931.9	2.0	7.983	44	i3	15
44365.1	4.3	8.885	29	i4	81	20181.6	0.8	7.983	21	i3	18	26979.3	1.1	7.344	49	a3	5
44533.1	2.4	8.129	41	a3	15	20231.4	0.9	7.331	28	a3	16	27061.4	2.0	7.049	67	a3	15
44622.7	6.8	8.757	50	i5	72	20274.1	0.9	7.908	22	i3	18	27153.0	2.5	8.233	49	i3	21
44853.2	4.5	8.382	55	a3	26	22160.4	1.0	7.908	9	i6	8	27265.5	2.2	7.173	64	a6	22
44952.9	5.0	8.865	85	i6	26	22218.6	1.0	7.347	193	a6	7	27328.6	2.6	8.377	75	i3	21
45097.5	5.2	8.978	54	i4	59	22248.8	0.8	8.008	38	i3	5	27443.3	2.9	7.449	40	a3	59
45183.8	3.3	8.343	57	a3	23	22297.6	0.9	7.499	13	a3	7	27522.5	2.3	8.434	75	i6	41
45258.6	0.8	9.238	35	i5	8	22361.2	1.0	8.352	65	i6	9	27645.9	2.7	7.527	36	a4	57
45300.2	9.6	8.708	117	a5	37	22400.8	0.8	7.558	15	a3	13	27717.9	1.6	8.433	42	i3	34
45432.2	4.1	8.962	49	i3	55	22444.4	0.6	8.281	32	i3	8	27855.3	1.7	7.006	50	a4	45
45521.5	2.9	8.454	40	a3	68	22483.9	0.9	7.409	26	a6	12	27922.9	1.5	8.402	53	i3	29
45636.9	4.6	9.224	74	i3	23	22545.7	0.9	8.066	21	i4	19	28047.8	0.7	6.696	69	a3	13
45871.3	3.8	8.495	43	a5	105	22587.5	0.7	7.523	18	a3	17	28168.0	3.0	8.331	85	i5	19
45952.0	6.6	9.075	71	i3	28	22634.2	1.1	8.368	36	i6	9	28230.4	2.4	7.232	71	a3	36
46115.5	9.4	8.437	43	a3	50	22763.1	1.2	8.341	23	i3	17	28278.7	2.6	8.283	58	i6	42
46306.4	8.7	8.929	62	i6	53	22884.7	1.4	7.379	35	a5	18	28440.2	1.7	7.290	41	a3	51
46409.4	8.2	8.393	67	a4	52	22954.6	1.3	8.531	24	i4	17	28522.3	1.6	8.823	85	i3	20
46627.6	15.2	8.941	36	i3	81	23084.5	1.8	7.553	24	a6	25	28589.6	1.6	7.057	39	a5	91
46764.3	3.9	8.284	66	a4	71	23160.2	1.0	8.514	35	i3	15	28734.6	0.8	9.453	64	i4	26
46946.2	5.5	8.883	37	i3	74	23259.9	1.1	7.529	20	a3	30	28823.5	4.7	7.690	93	a3	30
47030.1	9.3	8.601	37	a5	94	23358.9	0.9	8.439	32	i4	17	28924.4	1.3	9.431	90	i6	12
47470.9	4.8	8.365	68	a6	36	23404.5	2.0	7.622	35	a5	21	28960.1	0.5	6.755	48	a6	27
48540.9	2.7	9.166	49	i3	41	23525.9	1.3	8.190	35	i3	20	29022.4	2.2	8.174	51	i3	20
48627.2	3.5	8.532	45	a3	46	23594.5	1.7	7.438	26	a3	23	29058.7	2.0	7.795	58	a5	20
48690.9	3.6	8.880	50	i3	43	23723.8	1.9	8.088	35	i5	30	29107.8	1.3	9.105	84	i3	15
48755.3	2.3	8.310	38	a4	75	23797.6	0.9	7.258	22	a5	10	29163.4	1.2	7.374	73	a5	23
48855.7	1.9	9.438	35	i3	49	24426.3	1.8	8.448	126	i5	6	29293.6	2.1	8.732	46	i3	45
49102.9	6.2	8.425	43	a5	96	24512.5	1.0	6.789	55	a4	6	29366.1	1.0	7.261	33	a3	75
49194.1	5.4	9.123	56	i6	46	24635.4	3.0	8.066	77	i3	8	29430.7	1.6	8.566	40	i3	30
49410.4	4.7	8.441	34	a6	91	24707.3	1.4	6.968	51	a3	14	29459.0	2.6	8.138	78	a6	14
49516.4	2.8	9.107	37	i3	50	24856.4	0.6	8.720	14	i4	8	29512.4	1.7	8.662	66	i6	15
49599.4	3.5	8.481	37	a5	109	24907.6	0.2	7.101	10	a5	7	29561.6	1.8	7.236	76	a4	16
49836.9	1.9	9.184	30	i3	77	25041.2	1.8	7.976	42	i5	13	29635.3	2.8	8.777	172	i5	8
49927.6	2.6	8.421	22	a3	92	25088.6	1.5	6.911	44	a4	8	29667.4	1.0	7.859	40	a3	13
49993.7	5.6	8.745	70	i5	27	25185.5	3.1	8.072	52	i3	6	29705.1	2.2	8.521	62	i3	29
50068.9	5.0	8.449	40	a3	48	25278.0	1.0	6.552	184	a5	10	29759.2	1.4	7.144	93	a3	21
50177.8	2.0	9.181	37	i3	49	25337.3	3.7	8.087	72	i5	13	29814.4	1.3	8.888	63	i3	24
50244.3	2.4	8.352	38	a4	77	25474.8	1.2	6.891	29	a6	27	29862.5	1.3	7.892	45	a3	21
50350.7	3.0	8.875	49	i3	40	25626.6	1.2	8.644	33	i5	43	29941.7	4.7	7.578	153	a3	9
50430.1	4.5	8.508	41	a3	33	25671.3	0.8	6.897	40	a5	81	30002.7	0.5	8.940	30	i3	8
50527.7	3.6	8.937	118	i6	39	25798.2	2.2	8.467	61	i3	25	30097.6	3.6	7.476	53	a3	40
50891.9	2.7	8.248	25	a3	91	25864.4	1.4	7.461	42	a5	36	30205.5	1.5	8.814	81	i3	13
51080.2	5.9	9.045	44	i4	78	25991.2	1.9	8.341	50	i3	34	30498.3	6.5	7.596	68	a3	18
51221.4	4.2	8.423	45	a6	73	26076.5	1.3	7.191	41	a6	111	30592.2	0.7	8.357	42	i3	9
UMa	Z					26165.3	0.7	8.266	35	i3	33	30892.0	1.1	7.045	47	a3	15
19832.7	0.5	7.483	18	a3	25	26194.0	2.5	7.574	69	a5	40	31177.4	5.0	8.596	60	i4	16

Table 5 (continued).

t_e	σ_t	m	σ_m	type	n	t_e	σ_t	m	σ_m	type	n	t_e	σ_t	m	σ_m	type	n
31349.8	3.7	7.500	158	a6	10	39265.5	1.2	8.881	36	i3	110	43378.3	1.4	9.050	50	i3	51
32901.5	2.6	8.727	522	i6	15	39363.6	1.5	6.990	61	a3	52	43513.0	1.5	7.626	43	a5	85
32997.3	4.3	7.543	103	a3	25	39462.4	1.8	8.994	60	i3	51	43573.7	0.7	8.988	30	i3	83
33090.5	6.6	8.416	69	i3	34	39562.2	0.8	6.791	37	a3	143	43705.8	1.5	7.424	37	a5	164
33377.1	2.3	7.497	65	a3	58	39667.9	0.7	9.215	37	i3	110	43780.1	1.4	8.890	46	i3	52
33473.7	1.9	8.772	39	i3	68	39760.1	1.0	6.670	61	a3	41	43870.3	1.8	7.562	33	a3	88
33577.0	6.4	7.683	137	a3	24	39855.2	1.3	9.168	51	i3	71	43961.8	0.7	8.930	32	i3	101
33697.9	2.8	8.975	147	i5	16	39962.7	1.5	7.288	30	a3	191	44081.3	1.4	7.121	39	a6	173
33762.0	3.4	7.520	61	a3	23	40051.0	1.1	9.155	64	i3	44	44166.3	1.8	8.881	54	i3	40
34074.7	1.6	9.024	79	i6	20	40176.2	2.4	6.941	79	a6	31	44294.2	1.1	7.606	45	a5	60
34126.9	2.0	7.328	44	a5	46	40251.0	1.0	9.092	52	i3	33	44352.6	0.9	9.060	42	i3	71
34795.6	0.9	8.776	46	i3	22	40377.8	1.1	6.901	28	a4	261	44403.8	1.4	7.381	61	a5	34
34828.3	2.1	7.807	36	a3	30	40457.6	1.0	9.082	70	i3	42	44462.0	1.1	7.063	46	a4	59
34866.9	2.0	8.423	72	i3	19	40513.5	1.3	6.924	85	a3	16	44544.3	1.1	8.990	55	i3	31
34912.5	1.6	6.727	121	a6	8	40557.0	1.5	7.961	166	i6	15	44672.8	1.3	7.255	34	a6	150
35577.1	0.9	8.980	31	i3	53	40586.1	1.5	7.064	62	a3	30	44742.7	0.7	9.110	36	i3	81
35678.1	2.1	7.506	55	a3	35	40653.3	0.6	8.923	35	i3	100	44844.8	1.7	7.157	40	a3	108
35769.9	1.7	9.460	85	i5	11	40706.0	0.6	7.067	38	a3	80	44938.2	0.5	9.076	41	i3	41
35880.3	1.6	6.752	78	a3	31	40745.1	1.0	8.093	40	i3	67	44998.0	0.7	7.025	37	a3	56
35957.4	1.0	9.049	58	i3	41	40777.2	0.9	7.096	57	a4	46	45036.4	1.4	7.756	28	i3	106
36091.8	1.9	7.298	76	a6	39	40839.5	3.5	8.428	83	i3	24	45071.5	1.2	7.367	33	a3	100
36153.9	1.6	9.228	525	i5	8	40921.7	3.7	7.197	37	a5	121	45129.1	0.6	8.851	48	i3	101
36219.1	2.1	6.680	95	a5	57	41059.5	1.0	8.547	39	i3	71	45189.1	1.2	6.948	42	a3	101
36356.2	1.8	8.830	71	i3	30	41120.8	0.7	6.696	46	a3	68	45318.6	0.6	8.990	62	i3	61
36435.6	3.6	7.488	67	a3	41	41201.2	2.8	7.658	78	a3	28	45370.8	0.9	6.805	42	a4	103
36541.3	1.5	9.188	46	i5	11	41253.6	1.4	8.844	76	i3	26	45523.8	0.9	8.958	47	i3	51
36598.2	1.5	6.650	105	a3	16	41309.6	0.9	6.555	63	a3	40	45587.2	0.8	6.969	30	a3	125
36731.3	1.9	8.712	52	i3	15	41355.7	1.4	7.961	36	i3	54	45651.0	2.2	7.429	105	a5	29
36819.2	2.6	7.654	50	a3	22	41384.1	1.7	7.577	37	a4	95	45712.6	0.8	8.816	47	i3	69
36927.3	2.2	8.942	54	i3	22	41459.5	0.6	8.970	41	i4	111	45791.0	2.0	7.462	24	a6	312
37027.6	3.8	7.619	61	a3	47	41530.7	2.2	7.200	46	a3	92	45910.5	1.1	8.584	38	i3	69
37130.3	2.6	9.093	65	i3	25	41671.9	2.2	8.622	54	i5	41	45969.3	1.0	6.852	40	a3	76
37194.5	4.5	7.501	153	a5	15	41723.3	0.9	6.860	48	a3	71	46043.7	0.8	7.051	96	a6	38
37320.1	1.8	8.903	71	i3	22	41788.3	1.6	8.694	54	i4	87	46113.4	1.3	8.563	33	i3	90
37398.0	1.3	6.693	65	a6	66	41819.0	1.4	8.203	45	a3	88	46167.8	1.0	7.333	28	a3	131
37521.2	2.5	8.775	50	i3	39	41853.2	1.1	8.662	38	i3	72	46205.2	0.7	7.974	30	i3	111
37718.9	2.1	8.889	74	i6	22	41912.1	1.9	6.861	82	a4	33	46252.6	0.5	6.605	22	a3	171
37780.1	1.0	7.152	53	a4	51	42004.0	2.4	8.816	70	i6	57	46314.9	0.9	8.357	27	i3	152
37885.3	2.0	8.995	50	i3	30	42117.6	0.9	6.730	60	a3	81	46357.9	0.9	7.260	42	a3	66
37974.7	1.0	6.608	93	a6	14	42198.8	1.3	8.794	27	i3	131	46400.6	1.1	8.163	63	i4	33
38075.8	1.6	8.863	48	i3	25	42297.9	2.7	7.589	41	a3	72	46428.9	0.8	6.882	41	a5	130
38172.4	3.1	7.059	167	a3	17	42394.7	1.3	8.900	42	i3	52	46521.7	1.0	8.357	31	i3	126
38266.6	3.2	9.197	172	i3	9	42525.9	0.9	7.457	32	a5	261	46615.0	0.5	7.001	25	a3	134
38381.2	2.3	6.843	116	a5	21	42589.9	1.2	8.819	28	i3	138	46644.9	0.9	7.684	26	i3	87
38465.9	1.3	8.871	40	i3	40	42711.8	1.5	7.420	56	a6	101	46673.6	1.0	7.092	30	a3	71
38575.2	2.6	6.914	153	a4	17	42807.8	1.2	8.858	29	i3	131	46718.6	1.0	8.704	42	i4	76
38676.1	1.6	9.052	110	i3	11	42916.0	1.5	7.619	28	a3	144	46792.2	2.1	7.574	29	a3	72
38765.1	2.0	7.040	156	a4	21	43007.9	2.2	8.564	41	i3	61	46831.9	0.7	8.289	37	i3	81
38862.0	2.2	8.879	69	i3	32	43101.8	1.7	7.543	55	a3	51	46866.9	0.4	7.148	30	a3	140
38973.6	2.8	7.448	76	a4	20	43191.3	0.9	8.973	23	i3	131	46910.0	0.6	8.418	24	i3	171
39080.5	4.2	8.750	105	i3	19	43250.7	2.0	7.971	31	a3	103	46963.7	0.6	7.232	24	a3	171
39170.2	1.1	7.275	57	a4	78	43310.9	1.6	7.515	73	a6	51	47014.1	1.1	8.086	33	i3	122

Table 5 (continued).

t_e	σ_t	m	σ_m	type	n	t_e	σ_t	m	σ_m	type	n	t_e	σ_t	m	σ_m	type	n
47059.6	1.6	7.267	54	a6	83	51375.5	0.7	7.996	23	i3	153	29324.8	2.5	10.418	57	i4	28
47112.3	1.0	8.408	46	i3	34	51413.9	0.9	7.113	40	a4	131	29448.8	3.6	9.232	43	a3	20
47150.0	1.3	7.144	40	a6	216	51473.6	0.4	8.882	25	i3	121	29599.5	7.9	9.999	57	i3	12
47303.7	1.2	8.085	25	i5	311	51525.1	0.7	7.182	29	a3	111	29763.2	3.1	9.095	74	a3	12
47349.8	0.7	7.083	28	a3	182	51571.9	0.7	8.323	26	i3	112	29894.8	5.7	10.363	36	i4	21
47531.1	1.0	7.070	36	a3	121	51607.5	0.9	7.714	32	a3	90	30098.3	4.4	9.242	65	a6	17
47659.2	1.0	8.385	26	i3	180	UMi	R					30267.7	3.5	10.561	25	i3	17
47721.6	0.7	6.852	26	a3	170	22841.7	1.0	10.208	15	i3	6	30558.5	3.4	10.664	66	i5	14
47822.4	1.1	8.331	21	i3	245	22914.1	1.9	9.108	93	a6	11	30721.1	2.8	8.811	74	a5	15
47908.9	0.7	7.186	23	a3	221	23384.5	1.0	10.375	35	i3	8	30898.1	4.3	10.303	37	i3	23
47993.3	0.7	8.599	18	i3	401	23445.2	3.4	9.583	70	a3	6	31054.5	4.1	9.294	43	a3	15
48117.2	1.1	7.272	23	a4	214	23504.4	2.4	10.246	51	i3	13	31210.9	2.6	10.170	26	i3	17
48193.0	2.2	8.467	28	i3	98	23574.7	2.5	9.053	49	a5	25	32696.2	5.4	9.376	73	a3	25
48258.3	0.8	7.403	51	a6	62	23748.6	4.7	10.237	66	i3	16	33029.8	5.1	9.254	42	a3	31
48319.1	0.5	7.048	28	a3	151	23908.8	2.3	9.114	33	a5	71	33191.5	4.1	10.396	71	i3	15
48384.2	0.6	8.592	24	i3	191	24076.8	2.5	10.394	39	i3	61	33283.1	4.2	9.244	74	a6	21
48433.4	0.7	7.486	41	a6	100	24240.7	3.1	9.268	31	a3	80	33420.7	3.1	9.253	50	a3	21
48466.1	2.0	7.932	33	i3	80	24394.4	1.4	10.626	38	i3	81	33547.0	4.7	10.269	54	i3	36
48518.9	0.6	6.854	23	a3	148	24579.0	7.0	9.281	25	a3	65	33714.8	5.4	9.200	45	a3	36
48583.4	1.0	8.469	31	i4	141	24740.6	2.3	10.392	45	i3	50	33887.6	1.6	10.469	60	i3	11
48717.2	0.7	7.079	31	a6	271	24895.6	3.3	9.151	35	a3	89	33963.1	1.6	9.008	89	a6	9
48802.6	0.6	8.744	26	i3	229	25045.2	2.0	10.673	80	i3	20	34127.3	2.9	9.402	41	a3	22
48914.4	1.4	6.868	33	a4	144	25289.9	4.0	9.165	30	a5	129	34205.7	3.9	10.447	172	i6	15
49006.2	2.0	8.407	28	i3	161	25450.7	5.3	9.461	25	a3	49	34637.4	2.8	9.131	69	a3	14
49076.3	0.8	6.984	26	a5	269	25505.2	2.8	9.718	37	i3	35	34988.8	3.8	9.157	35	a3	49
49172.5	1.1	8.382	33	i5	192	25557.5	1.3	9.003	42	a3	36	37750.3	6.4	10.536	169	i4	20
49294.9	1.9	7.097	34	a3	141	25695.9	3.8	10.168	54	i3	35	37841.5	3.0	9.517	47	a5	27
49418.2	0.8	8.347	30	i3	121	25772.8	4.1	9.431	101	a3	12	37984.9	4.1	9.704	69	a3	10
49475.0	0.6	6.931	26	a3	181	25897.3	6.4	9.390	27	a3	64	38230.2	4.8	10.076	44	i3	10
49602.8	1.0	8.301	29	i3	101	26014.1	3.3	10.006	73	i6	22	38281.9	4.5	9.857	59	a5	10
49667.1	1.1	7.044	27	a3	135	26187.7	3.8	9.104	26	a3	101	38422.8	14.0	10.338	115	i3	12
49808.2	0.9	8.289	26	i5	231	26368.2	1.1	11.081	62	i3	29	38854.2	5.7	9.141	95	a3	16
49853.9	0.6	6.793	23	a3	221	26511.4	4.2	9.234	46	a3	70	38934.6	5.4	9.700	92	i3	16
49926.5	1.2	7.199	25	a4	178	26697.9	2.1	10.752	37	i3	38	39000.1	5.0	8.989	96	a4	17
49984.6	1.3	8.147	25	i3	130	26857.7	3.0	9.171	28	a3	64	39260.7	3.4	9.768	59	i3	21
50048.4	1.7	7.100	43	a4	111	27012.9	1.6	10.884	38	i4	46	39316.7	3.2	8.934	124	a4	9
50149.5	1.1	8.060	21	i3	207	27202.7	3.8	9.141	24	a3	72	39452.4	5.5	9.605	91	i5	17
50259.3	0.5	6.990	29	a3	199	27358.8	2.0	10.378	52	i3	46	39503.2	3.0	8.902	69	a5	17
50307.6	0.7	8.252	30	i6	182	27552.0	4.4	9.160	54	a6	43	39659.3	2.3	10.444	177	i6	21
50438.4	1.7	7.193	34	a3	141	27640.1	2.0	10.595	109	i6	42	39863.6	6.4	9.072	63	a3	24
50514.8	0.9	8.433	25	i3	171	27802.3	2.8	9.215	53	a4	19	39978.9	5.7	10.313	103	i4	13
50592.0	0.8	7.084	23	a3	251	27883.9	1.5	9.353	60	a6	24	41175.0	2.9	9.101	50	a6	27
50697.6	0.9	8.118	16	i3	308	28007.2	2.6	10.461	35	i3	42	41331.7	6.7	9.900	78	i5	11
50794.8	1.0	6.942	28	a3	259	28240.0	5.0	9.365	36	a5	63	41510.2	5.9	8.980	122	a6	14
50887.6	0.6	8.337	20	i3	228	28337.5	1.5	10.043	145	i6	27	41784.3	5.2	8.967	106	a4	15
50965.8	1.3	7.146	22	a4	361	28353.2	1.6	9.471	45	a5	16	41853.6	3.6	8.763	295	a5	15
51098.5	0.8	8.653	30	i4	131	28414.4	1.6	9.854	46	i6	31	41956.4	5.2	10.147	118	i6	13
51149.8	0.7	7.247	39	a3	96	28511.4	2.5	8.960	38	a3	41	42094.1	3.2	8.907	170	a6	11
51188.8	1.0	7.948	30	i3	111	28701.6	3.8	9.890	48	i3	32	42186.1	5.9	9.126	112	a4	15
51239.6	0.8	7.477	42	a5	131	28815.5	1.8	8.762	44	a6	68	42510.7	2.9	8.990	72	a3	28
51282.2	0.4	8.786	23	i3	221	29022.2	2.3	10.294	30	i4	86	42644.3	2.7	10.514	67	i4	22
51335.3	0.5	6.969	35	a3	108	29139.1	2.2	8.816	65	a3	41	43016.4	5.7	9.851	85	i6	28

Table 5 (continued).

t_e	σ_t	m	σ_m	type	n	t_e	σ_t	m	σ_m	type	n	t_e	σ_t	m	σ_m	type	n
43160.0	3.6	9.069	94	a5	24	51037.3	3.1	10.502	62	i3	30	26845.2	1.7	7.928	56	a4	13
43283.7	3.6	10.215	58	i3	31	51146.0	4.2	9.125	62	a5	71	26894.8	4.2	8.559	44	i3	13
43459.5	6.9	9.451	30	a3	57	51366.7	3.2	10.552	65	i3	51	26984.8	2.1	8.243	26	a5	30
43611.5	3.1	10.187	47	i3	16	51494.5	3.2	9.299	38	a3	51	27150.0	5.2	8.208	27	a5	25
43783.6	3.1	8.883	68	a3	19	UMi	V					27187.4	1.2	8.478	24	i3	10
43955.2	6.2	10.209	131	i6	18	22050.7	1.5	7.850	31	a3	7	27265.8	3.3	7.932	32	a6	19
44088.0	2.4	9.008	45	a3	27	22079.4	0.9	8.090	16	i3	8	27297.4	0.6	8.457	124	i6	10
44210.1	6.5	10.159	61	i3	17	22117.7	3.6	7.862	28	a5	15	27342.5	2.1	7.849	27	a3	29
44277.3	5.1	9.732	54	a5	12	22179.1	0.7	7.779	18	a4	9	27524.1	4.4	8.390	16	i3	80
44319.6	4.8	9.917	62	i4	12	22227.6	1.8	8.282	42	i3	8	27651.8	1.2	7.966	27	a3	21
44574.9	4.0	10.296	67	i3	26	22278.2	1.7	7.923	32	a3	9	27691.7	1.8	8.496	106	i3	10
44746.2	5.0	9.292	49	a3	25	22374.3	0.9	8.578	40	i5	14	27716.6	1.0	8.017	47	a4	15
44856.4	9.8	10.096	114	i5	18	22416.8	0.8	7.871	21	a3	16	27749.6	0.8	8.334	30	i5	18
45058.0	5.6	9.259	46	a3	16	22460.7	0.8	8.784	75	i5	9	27777.5	2.3	7.932	48	a3	11
45382.0	1.9	9.363	30	a6	8	22487.3	0.8	8.032	33	a6	10	27837.6	3.3	8.364	31	i3	17
45557.7	9.6	10.199	53	i3	27	22521.6	0.6	8.387	32	i6	8	27882.5	1.8	7.882	52	a5	31
45709.1	7.0	9.302	130	a5	11	22548.4	1.2	8.015	22	a3	15	28033.7	3.7	7.799	32	a3	27
45854.0	3.0	10.361	53	i3	32	22586.5	1.0	8.429	29	i3	15	28104.3	2.1	7.982	28	i5	15
45928.4	5.8	9.633	58	a4	18	22622.2	1.0	7.895	19	a5	15	28127.7	0.7	7.493	15	a5	8
46010.9	5.3	9.519	96	a5	13	22725.4	1.3	8.554	50	i3	14	28223.4	4.8	8.219	25	i3	16
46168.8	3.6	10.384	46	i3	24	22766.9	0.5	7.853	19	a3	13	28311.1	4.6	8.315	39	i4	14
46284.9	3.5	9.540	70	a6	22	22816.3	1.1	8.541	39	i3	8	28352.3	1.8	7.960	50	a6	31
46358.6	3.2	9.359	37	a3	15	22869.4	2.3	7.827	49	a4	13	28458.2	1.7	8.600	31	i3	42
46480.8	2.4	10.499	35	i3	15	23314.4	1.4	8.431	26	i3	6	28516.9	3.3	8.147	39	a4	23
46607.4	5.9	9.411	52	a5	57	23378.7	3.7	7.992	35	a3	15	28654.0	2.5	7.949	39	a3	35
46831.1	3.6	10.136	48	i3	20	23533.5	1.0	8.279	28	i3	8	28713.2	2.0	8.424	72	i6	20
46957.4	3.9	9.104	51	a3	42	23756.1	0.4	8.209	2	i6	7	28808.5	3.1	7.894	33	a6	50
47118.4	4.3	10.277	44	i3	27	23789.1	1.2	7.889	8	a6	8	28846.4	1.6	8.203	44	i3	19
47285.8	5.3	9.046	52	a3	36	23836.3	0.7	8.983	336	i4	5	28881.5	2.1	7.800	50	a4	20
47407.4	3.2	10.401	69	i6	22	23856.6	1.2	7.845	23	a5	10	28961.0	2.9	8.327	36	i3	34
47621.3	4.1	9.365	39	a3	40	23903.1	0.9	8.456	44	i6	9	29004.4	1.3	7.943	34	a3	25
47753.0	9.8	10.228	107	i4	34	23935.9	1.8	7.973	46	a3	10	29122.2	2.0	7.974	71	a5	29
47903.7	7.5	9.557	107	a5	47	23977.7	1.2	8.664	78	i3	7	29227.5	1.8	7.935	35	a5	39
48087.9	1.5	10.433	69	i3	23	24009.2	0.7	8.037	29	a3	5	29248.5	1.3	8.317	26	i4	33
48234.0	4.4	8.797	63	a3	57	24079.9	1.6	8.156	20	a3	11	29288.0	1.6	7.961	41	a3	30
48434.9	4.0	10.243	101	i4	29	24128.0	0.7	8.953	35	i4	8	29414.4	2.1	8.152	19	i3	31
48574.5	6.5	9.022	65	a3	36	24165.2	1.9	8.070	48	a3	9	29514.5	4.2	7.962	16	a5	54
48750.8	5.3	9.866	48	i3	28	24196.8	1.7	8.418	52	i3	7	29556.7	5.6	8.076	28	i3	28
48870.6	2.8	8.848	45	a3	46	24238.8	1.0	7.852	37	a3	8	29602.3	2.7	7.941	26	a3	43
49083.4	4.2	10.048	61	i3	48	24337.3	1.3	8.329	52	i4	7	29653.9	3.0	8.185	37	i4	53
49231.3	5.9	9.155	46	a3	38	24379.7	1.3	7.826	25	a3	11	29737.8	2.8	7.816	62	a6	32
49434.9	2.3	10.597	46	i4	32	25453.9	2.6	8.811	57	i5	8	29784.3	1.9	8.288	32	i3	14
49536.8	2.5	8.914	43	a4	55	25811.4	0.4	7.466	430	a6	7	29823.9	1.6	7.878	42	a4	21
49709.7	2.7	10.524	46	i3	76	26044.7	2.4	8.504	73	i3	14	29893.1	6.2	8.181	36	i3	20
49876.6	3.1	9.148	25	a3	195	26080.0	2.0	7.931	85	a6	19	29971.5	5.8	8.002	31	a3	30
50027.8	2.4	10.675	57	i3	51	26167.7	1.6	8.032	204	a6	20	30136.7	2.3	8.495	57	i5	12
50185.9	2.9	9.081	29	a3	112	26184.7	1.3	8.552	57	i3	22	30202.0	2.1	7.946	38	a4	5
50349.6	3.7	10.204	60	i3	59	26222.4	1.4	7.836	40	a4	47	30235.5	0.3	8.342	18	i6	7
50436.9	1.8	9.127	117	a5	10	26267.4	1.6	8.448	48	i3	29	30259.1	1.4	7.685	42	a6	11
50540.2	7.0	9.214	57	a3	24	26520.1	1.2	8.344	30	i6	14	30308.6	1.8	8.287	45	i3	7
50689.6	2.6	10.574	44	i3	47	26574.0	2.2	7.933	36	a5	23	30350.2	1.6	7.779	50	a3	6
50867.9	4.2	9.282	32	a3	66	26810.9	4.3	8.477	99	i5	23	30442.7	1.4	8.338	24	i3	7

Table 5 (continued).

t_e	σ_t	m	σ_m	type	n	t_e	σ_t	m	σ_m	type	n	t_e	σ_t	m	σ_m	type	n
30480.5	3.6	8.114	49	a3	8	45912.2	1.9	8.028	47	a3	21	49152.8	1.0	8.769	72	i6	30
30526.2	1.0	8.620	46	i3	7	45961.1	0.9	8.856	81	i6	20	49190.9	1.5	7.865	57	a6	22
30564.2	0.8	7.919	39	a3	10	46136.4	3.7	8.162	49	a5	47	49220.1	1.5	8.424	39	i3	24
30607.0	0.1	8.416	40	i6	7	46235.4	1.2	8.628	70	i4	19	49277.1	3.8	7.897	101	a6	21
30626.5	1.3	7.901	37	a3	10	46268.9	1.9	7.975	39	a3	30	49328.0	1.5	7.665	59	a3	21
30671.5	1.1	8.711	57	i3	8	46301.3	1.3	8.297	35	i3	16	49370.6	1.5	8.283	37	i3	15
30715.1	2.2	7.960	44	a4	11	46332.2	1.6	7.974	46	a3	29	49415.2	0.6	7.794	51	a5	24
30825.3	3.5	8.428	32	i6	15	46372.9	2.0	8.346	41	i3	23	49478.4	0.7	7.770	31	a5	36
30857.4	2.2	8.068	38	a6	14	46430.4	1.8	7.740	28	a3	24	49520.0	1.1	8.522	43	i3	31
30933.7	2.1	7.922	35	a3	11	46529.1	1.1	8.432	46	i3	20	49554.1	0.7	7.712	42	a3	30
30962.2	1.0	8.095	14	i3	12	46561.8	1.2	7.688	50	a3	29	49585.0	0.9	8.446	50	i6	23
31003.7	1.6	7.830	22	a3	8	46601.8	1.2	8.547	43	i3	30	49624.7	1.9	7.855	40	a5	30
31040.8	1.7	8.148	42	i3	6	46643.3	1.2	7.905	40	a5	25	49668.7	1.2	8.473	79	i6	33
31185.4	0.5	8.404	17	i6	7	46670.3	1.8	8.368	33	i3	23	49698.9	0.7	7.757	38	a5	26
31358.6	3.0	7.738	34	a3	8	46707.2	2.7	7.878	34	a3	39	49746.3	1.8	8.414	29	i4	31
32475.0	8.3	8.394	71	i3	19	46778.6	2.1	7.960	51	a3	22	49780.0	2.2	8.134	25	a3	43
35954.9	0.9	7.834	30	a3	9	46816.8	2.7	8.373	51	i3	19	50111.3	0.6	8.422	26	i6	36
36089.8	1.1	7.578	71	a6	11	46852.0	2.6	8.029	42	a3	23	50143.5	2.2	7.903	30	a5	76
37128.5	0.5	8.481	25	i4	6	46884.7	2.0	8.440	54	i5	29	50245.1	2.2	8.230	41	i6	29
37391.6	1.7	7.868	55	a3	10	46928.2	2.2	8.014	36	a3	38	50377.8	1.9	8.396	40	i3	32
37821.9	1.7	7.673	101	a5	8	46965.8	0.8	8.511	41	i5	35	50603.1	1.8	8.488	30	i3	57
37889.3	3.7	7.806	65	a4	14	47065.1	3.8	7.904	40	a3	36	50651.1	1.4	8.074	30	a3	62
37929.4	2.9	8.230	94	i3	7	47104.8	2.7	8.108	33	i3	30	50706.4	1.2	8.015	23	a3	91
37960.2	1.3	7.707	35	a4	7	47152.3	1.0	7.620	41	a3	24	50748.3	1.4	8.415	21	i3	86
37979.4	0.0	8.693	27	i6	7	47299.6	3.0	8.014	24	a6	98	50797.6	1.3	7.820	42	a3	33
38029.1	2.1	7.848	76	a3	7	47345.1	1.4	8.386	32	i3	33	50832.2	1.2	8.381	32	i3	57
38060.2	1.9	8.218	37	i3	9	47447.4	2.3	7.839	38	a5	65	50859.9	2.7	7.910	52	a6	41
38112.2	1.2	7.705	95	a5	9	47490.9	1.6	8.385	40	i3	27	50899.0	0.8	8.414	67	i6	17
38206.9	3.4	8.472	43	i4	10	47530.2	3.6	8.010	30	a5	54	50923.1	2.2	7.553	45	a5	48
38850.3	3.9	7.908	91	a3	6	47621.1	1.2	8.552	46	i6	31	50973.1	1.3	8.385	43	i3	33
39216.4	2.6	7.913	78	a4	15	47662.8	1.6	8.028	30	a3	35	51006.8	1.1	7.803	42	a3	31
40397.5	3.4	8.297	61	i4	8	47763.1	2.9	8.282	31	i5	66	51034.9	1.8	8.124	24	i3	46
40479.1	3.6	8.395	95	i3	8	47808.3	1.1	7.663	32	a3	44	51069.5	1.0	7.634	47	a3	32
42568.5	2.5	8.361	42	i3	45	48004.9	1.7	8.295	21	i3	39	51112.1	1.9	8.378	50	i4	31
42607.8	2.4	7.928	35	a3	40	48042.9	1.5	7.935	26	a6	40	51141.1	2.2	7.873	51	a3	30
42639.5	2.0	8.162	45	i3	34	48123.0	6.0	8.254	24	i3	77	51178.2	1.2	8.300	27	i3	51
43246.0	4.5	7.886	56	a6	42	48238.5	2.2	8.511	67	i3	19	51220.6	1.7	7.871	56	a6	36
43300.5	2.7	8.395	96	i4	16	48615.9	1.3	7.847	39	a6	63	51260.3	1.8	8.521	38	i3	38
43785.1	2.0	7.877	63	a4	16	48647.9	1.4	8.310	38	i3	20	51292.7	1.2	7.954	57	a6	36
43824.6	3.6	8.373	80	i3	12	48689.6	1.1	7.809	26	a4	36	51330.9	1.8	8.534	50	i5	39
43878.1	5.4	7.829	158	a6	14	48717.0	1.1	8.403	46	i3	22	51364.3	2.4	8.171	41	a4	53
43966.5	1.0	8.675	40	i3	10	48750.1	1.2	7.869	27	a3	45	51412.0	1.8	8.554	38	i3	65
44012.7	1.8	7.975	51	a3	17	48785.7	0.8	8.331	31	i3	38	51514.5	1.1	7.777	34	a3	39
44144.3	4.4	7.994	35	a3	18	48822.3	0.8	7.679	27	a3	45	51553.9	0.8	8.486	28	i3	37
44206.6	2.9	8.277	53	i3	8	48862.7	1.4	8.356	30	i3	29	51593.3	0.8	7.581	30	a3	45
44270.0	3.4	7.808	63	a3	16	48893.7	1.5	7.816	56	a3	21	Vir SS					
44326.1	1.6	8.515	51	i3	10	48926.3	1.7	8.334	40	i3	23	26083.7	2.5	8.525	47	i3	13
44507.7	3.6	8.101	62	a3	11	48965.7	1.1	7.602	38	a3	33	26393.3	4.9	9.330	249	i3	7
45698.8	2.3	7.941	35	a3	10	49008.0	1.0	8.408	39	i3	18	26578.7	3.8	6.751	171	a3	12
45756.5	1.6	8.328	59	i6	14	49036.3	0.9	7.850	45	a6	27	26759.9	2.5	8.896	47	i3	22
45776.8	1.3	7.936	62	a3	16	49066.7	2.4	8.236	44	i6	23	27067.0	2.3	9.920	405	i6	13
45872.2	1.8	8.535	53	i3	25	49109.8	0.6	7.746	40	a6	28	27819.6	2.7	9.039	34	i3	15

Table 5 (continued).

t_e	σ_t	m	σ_m	type	n	t_e	σ_t	m	σ_m	type	n	t_e	σ_t	m	σ_m	type	n
27999.1	3.1	7.013	47	a3	53	50542.0	1.9	9.000	43	i3	122	37808.5	1.6	9.167	342	a5	7
28200.4	0.1	13.281	518	i5	6	50725.8	2.5	6.571	157	a3	51	37919.8	3.2	10.419	116	i3	19
28344.0	3.3	7.530	80	a6	31	50895.2	2.1	9.145	55	i3	96	37975.5	2.2	9.311	76	a5	15
28524.8	12.2	9.582	207	i3	7	51253.4	1.8	8.885	39	i3	180	38071.1	0.7	10.830	82	i3	5
29032.6	3.8	7.276	73	a4	18	51438.2	1.4	6.956	75	a3	101	38281.8	2.6	9.174	130	a3	9
29398.0	4.3	6.958	71	a3	9	Vir SW						38353.0	1.8	10.717	101	i6	9
29710.0	3.5	8.731	57	i4	16	26055.6	3.2	7.006	45	a4	17	39465.3	6.2	9.131	40	a4	11
29926.1	16.3	8.650	428	i3	7	26138.8	1.7	7.791	38	i3	17	39681.6	2.1	9.667	57	i3	13
39232.8	2.9	7.163	72	a3	23	27909.6	2.2	7.153	35	a3	53	39756.0	3.4	8.879	105	a3	10
39896.8	3.6	6.779	60	a4	41	27985.2	5.8	7.595	66	i4	32	39836.3	2.8	10.619	151	i3	12
40252.2	6.6	7.212	133	a4	70	29026.8	4.3	7.079	46	a3	20	39921.4	3.8	9.229	109	a3	9
40625.4	8.2	7.118	96	a3	25	29269.1	0.2	8.140	41	i6	7	40122.7	2.2	9.388	56	i3	14
40987.4	3.9	6.931	81	a3	25	29294.2	1.9	7.440	50	a3	5	40395.6	1.6	10.330	298	i6	7
41374.1	5.3	7.536	79	a3	57	29330.8	0.0	8.460	12	i5	6	40472.4	1.9	8.760	56	a3	12
41719.1	3.8	7.312	39	a4	129	29369.2	3.0	7.446	58	a3	19	40553.6	3.5	10.408	183	i6	17
41925.1	3.3	9.575	161	i3	61	29681.1	3.5	7.568	34	a3	26	42289.6	1.1	9.985	33	i6	7
42082.8	4.2	7.722	68	a4	131	29763.0	2.7	8.085	54	i3	18	42341.8	2.7	8.895	71	a3	22
42450.8	3.6	7.541	46	a3	110	29843.1	5.0	7.145	104	a3	13	42594.1	3.3	9.045	192	a6	25
42624.5	5.7	9.078	90	i3	71	42907.0	1.9	7.265	60	a5	12	42691.6	3.2	10.151	92	i3	18
42801.9	5.3	7.237	66	a4	81	46595.2	3.6	7.212	61	a4	23	43032.3	2.4	9.233	49	a3	19
43015.2	3.9	9.689	243	i3	21	46921.8	7.3	7.232	143	a5	13	43121.3	1.9	10.432	62	i4	16
43198.5	3.6	7.593	66	a3	67	47207.4	3.9	7.415	102	a3	13	43300.3	1.8	8.772	132	a3	6
43360.9	7.5	9.173	136	i3	44	47307.1	2.2	8.656	69	i4	14	43424.6	1.4	8.982	66	a4	28
43554.6	3.6	7.115	70	a3	48	47536.1	4.0	7.165	119	a5	11	43510.8	2.1	10.402	99	i5	10
43742.7	5.2	9.451	163	i3	17	47648.8	2.9	8.478	76	i4	11	43565.5	1.4	9.543	46	a3	6
43919.7	2.2	7.502	47	a3	64	48347.9	3.7	7.092	59	a3	20	43632.7	3.5	10.042	59	i3	10
44105.4	4.8	9.613	120	i3	22	48646.6	1.5	6.982	70	a4	6	43712.2	2.2	9.385	39	a3	16
44285.6	3.7	7.476	101	a4	34	48713.5	4.6	7.695	60	i3	31	43780.2	2.3	10.132	66	i3	12
44472.9	3.1	9.791	174	i3	15	49054.9	5.8	7.891	113	i3	16	43825.5	1.6	9.289	38	a5	18
44646.6	1.7	7.260	36	a3	51	49117.7	3.0	7.263	79	a4	20	43918.1	0.2	10.025	6	i3	5
44828.3	4.0	9.436	127	i3	39	49388.2	1.4	6.737	407	a6	10	43978.9	2.3	9.620	29	a3	10
44996.1	3.7	7.403	85	a4	81	49488.9	3.5	7.874	73	i3	27	44196.2	2.3	9.832	52	i5	14
45365.8	4.1	7.100	73	a4	40	49553.6	2.2	6.577	239	a5	7	44227.7	2.1	9.361	45	a3	11
45547.0	4.4	9.557	162	i3	26	49868.9	2.0	6.910	40	a3	42	44478.9	9.5	9.331	130	a6	23
45716.3	4.7	7.369	70	a4	91	50170.2	2.8	6.904	78	a4	45	44962.7	1.2	9.271	27	a3	13
45911.5	3.4	9.654	104	i3	42	50481.3	1.9	7.084	76	a3	13	45009.3	2.7	10.096	98	i4	5
46083.7	4.8	7.229	84	a4	42	50567.3	2.2	8.489	61	i3	33	45118.2	0.5	9.396	4	a6	8
46280.3	3.7	9.612	114	i3	27	50875.5	1.4	8.453	68	i3	28	45322.3	1.2	10.124	87	i4	9
46439.6	5.6	7.417	72	a4	51	50952.2	1.5	6.817	62	a3	34	45373.3	2.5	8.910	253	a3	6
46807.5	3.4	7.485	57	a4	81	51197.9	1.3	8.401	65	i3	6	45573.2	2.1	10.062	162	i6	14
47171.1	4.3	7.654	52	a3	42	51262.1	1.6	6.753	53	a3	24	45638.7	1.8	9.014	63	a3	25
47347.4	3.2	9.643	49	i3	66	51323.8	1.2	7.951	64	i4	24	45707.2	1.9	10.018	51	i3	12
47538.9	4.5	7.699	39	a3	101	51593.6	2.7	6.523	321	a5	9	45827.7	2.2	10.226	58	i3	8
47892.8	3.3	7.268	97	a4	81	Vul RU						45908.1	1.2	8.950	175	a6	13
48439.5	6.5	9.842	146	i6	83	28733.2	0.3	8.479	76	a4	5	45950.2	1.5	10.110	110	i5	13
48614.8	6.1	7.837	77	a4	41	32523.6	1.0	9.172	71	a6	8	46001.8	1.6	9.183	58	a5	31
49146.3	6.6	8.946	54	i3	72	33490.1	3.5	11.092	193	i3	13	46091.6	2.2	10.025	61	i4	5
49500.3	4.3	8.948	50	i3	82	33567.5	2.4	9.301	215	a3	9	46153.2	0.9	9.401	18	a5	6
49665.0	4.3	6.912	105	a3	36	34258.1	2.2	10.971	112	i6	8	46574.5	1.3	10.055	25	i5	10
49831.4	2.4	8.947	53	i3	80	34657.5	1.8	9.579	26	a4	15	46648.2	4.1	9.106	73	a3	17
50017.7	4.4	7.197	116	a3	28	35394.3	4.4	10.390	37	i6	7	46717.2	1.5	9.888	41	i5	22
50182.6	2.0	9.271	43	i3	100	37555.3	4.8	8.975	99	a3	10	46773.1	3.8	9.205	50	a3	16

Table 5 (continued).

t_e	σ_t	m	σ_m	type	n	t_e	σ_t	m	σ_m	type	n	t_e	σ_t	m	σ_m	type	n
46875.3	1.4	9.494	3	a6	8	48967.2	2.0	9.008	79	a3	13	50730.6	2.7	9	.090	71 a3	29
47320.9	0.3	9.906	7	i5	6	49207.4	4.9	9.075	70	a3	25	50795.8	3.7	9	.737	91 i4	22
47756.2	2.2	8.959	82	a3	17	49272.1	1.4	9.918	99	i3	13	50945.6	2.3	8	.746	185 a6	18
47820.1	1.5	9.813	40	i3	26	49328.3	3.5	9.094	78	a3	18	51021.3	2.5	9	.822	70 i3	30
47871.0	2.0	9.264	44	a3	19	49394.9	1.0	10.118	98	i3	6	51076.7	3.6	9	.225	73 a3	27
47947.5	0.2	10.056	6	i6	12	49459.4	1.6	8.833	139	a6	7	51122.1	2.5	9	.938	91 i5	35
48004.4	0.0	9.390	0	a6	10	49503.4	5.4	9.982	214	i3	8	51195.8	2.3	9	.001	123 a6	24
48045.4	3.5	9.932	66	i3	13	49689.4	1.5	9.104	61	a3	19	51230.7	5.3	9	.802	210 i4	9
48160.0	6.0	9.187	125	a5	18	50387.2	2.4	9.111	85	a6	33	51293.0	1.4	8	.400	796 a6	11
48192.1	2.0	9.717	92	i3	9	50457.1	5.3	9.696	58	i3	22	51345.7	5.2	9	.768	143 i5	32
48217.9	2.1	9.006	103	a6	10	50497.5	4.7	9.377	101	a3	9	51423.4	4.2	9	.314	51 a3	29
48785.2	1.9	10.143	91	i3	6	50533.4	8.3	9.899	301	i5	12	51470.8	6.5	9	.593	63 i6	32
48854.3	3.9	9.157	54	a3	31	50615.7	5.7	9.179	138	a6	24	51533.7	2.8	9	.229	74 a5	17
48918.0	2.2	9.587	45	i3	18	50690.4	3.3	9.765	83	i4	22						