Table 2. Results: heliocentric radial velocities (in km s^{-1}, between parenthesis) and CCF types obtained with the K0- and M4-templates, following the coding defined in the text (1p: single peak; 2p: double peak; ap: asymmetrical peak; 1p?: doubtful single peak; 2p?: doubtful double peak; np: noisy profile). The column labelled ρ provides an estimate of the stellar radius (see text) for oxygen-rich Mira stars only.

Name	ρ ($R_\odot$)	Night Number	Julian Date (2450000+)	Phase	K0-template	M4-template
SV And	211	N2	1060.5	0.04	1p (−93.1)	1p (−91.8)
		N13	1386.5	1.08	2p?	1p (−90.2)
T And	181	N4	1093.5	0.95	2p (−95.5/−79.2)	1p (−83.0)
		N15	1450.5	2.11	np	1p (−84.8)
R And	217	N26	1766.5	0.98	2p (−38.3/−10.2)	1p (−9.5)
Y Cep	217	N26	1766.5	0.00	np	1p (−6.0)
U Psc	135	N27	1767.5	0.09	1p (+37.5)	1p (+36.8)
R Psc	196	N4	1093.5	0.03	1p (−45.4)	1p (−46.0)
		N15	1450.5	0.98	1p (−44.5)	1p (−45.0)
		N16	1499.5	1.12	np	1p (−45.5)
		N17	1529.5	1.20	1p (−46.8)	1p (−45.4)
		N27	1767.5	1.90	1p (−43.6)	1p (−44.4)
Y And	150	N2	1060.5	0.03	2p (−15.8/+0.9)	1p (−4.0)
		N3	1085.5	0.14	ap (−13.7/−1.2)	1p (−4.5)
		N16	1499.5	2.02	2p (−16.5/+4.7)	1p (+2.8)
		N17	1529.5	2.15	2p (−14.8/+3.1)	1p (+2.1)
		N18	1554.5	2.27	np	1p (+2.2)
o Cet	150	N4	1093.5	0.92	2p?	1p (+59.1)
		N15	1450.5	1.91	1p?	1p (+61.7)
		N17	1529.5	2.14	1p (+59.7)	1p (+61.6)
R Cet	132	N3	1085.5	0.07	2p (+31.7/+48.2)	1p (+45.2)
		N4	1093.5	0.30	2p?	1p (+46.1)
		N7	1233.5	0.96	1p (+45.5)	1p (+44.1)
		N13	1386.5	1.88	1p (+47.5)	1p (+47.4)
		N15	1450.5	2.26	2p (+21.7/+44.5)	1p (+46.0)
		N18	1554.5	2.89	1p?	1p (+45.0)
		N19	1597.5	3.15	1p?	1p (+44.8)
U Cet	148	N27	1767.5	0.01	np	1p (−38.3)
R Tri	175	N15	1450.5	0.30	np	ap (+53.3/+65.3)
		N17	1529.5	0.60	np	1p (+58.6)
		N19	1597.5	0.85	1p (+59.7)	1p (+61.0)
U Ari	214	N2	1060.5	0.00	2p?	1p (−43.8)
		N3	1085.5	0.07	np	1p (−44.2)
		N15	1450.5	1.05	1p (−40.4)	1p (−40.3)
		N17	1529.5	1.26	2p (−64.6/−42.9)	1p (−40.3)
		N18	1554.5	1.33	np	1p (−40.0)
SS Cep		N15	1450.5	1.56:	1p (−49.0)	1p (−49.0)
		N18	1554.5	2.71:	1p (−48.3)	1p (−48.3)
		N19	1597.5	3.19:	1p (−48.2)	1p (−47.7)
R Tau	212	N3	1085.5	0.01	1p (+31.6)	1p (+32.1)
		N15	1450.5	1.15	np	1p (+27.0)
		N17	1529.5	1.40	np	1p (+29.2)
		N20	1598.5	1.61	np	1p (+29.4)
V Tau	111	N4	1093.5	0.08	2p (+57.5/+76.8)	2p (+57.2/+74.8)
		N15	1450.5	2.01	2p (+56.0/+77.8)	1p (+73.8)
		N17	1529.5	2.48	np	1p (+74.0)
		N20	1598.5	2.89	1p (+77.4)	1p (+77.4)
R Aur	292	N4	1093.5	0.54	np	1p (−2.5)
		N15	1450.5	1.25	np	1p (+5.8)
		N20	1598.5	1.57	np	1p (+4.4)
W Aur	171	N3	1085.5	0.95	1p (−131.3)	1p (−132.6)
		N19	1597.5	2.82	np	ap (−140.5/−130.4)
RU Aur	326	N3	1085.5	0.97	np	1p (−21.9)
		N18	1554.5	1.98	1p (−18.9)	1p (−20.1)
		N19	1597.5	2.07	np	1p (−19.5)
S Cam		N6	1205.5	0.07	2p (−15.4/+0.0)	np
		N7	1233.5	0.15	2p (−15.4/−0.9)	np
		N17	1529.5	1.06	2p (−17.6/−2.1)	np
		N18	1554.5	1.13	2p (−18.2/−3.1)	np
		N19	1597.5	1.27	1p (−16.6)	np
α Ori		N6	1205.5	—	1p (+24.3)	1p (+23.3)
U Ori	257	N4	1093.5	0.01	1p (−23.7)	1p (−23.7)
		N17	1529.5	1.11	np	1p (−22.4)
		N18	1554.5	1.18	np	1p (−23.3)
		N20	1598.5	1.30	np	1p (−23.4)

Table 2. Continued

Name	ρ ($R_\odot$)	Night Number	Julian Date (2450000+)	Phase	K0-template	M4-template
δ Aur		N6	1205.5	—	1p (+9.0)	1p (+9.0)
X Aur	125	N20	1598.5	0.42	1p (−23.6)	1p (−19.1)
		N23	1683.5	0.94	1p (−16.7)	1p (−16.1)
μ Gem		N6	1205.5	—	1p (+54.5)	1p (+54.4)
SU Cam	198	N4	1093.5	0.03	2p?	1p (−58.0)
		N6	1205.5	0.32	np	1p (−57.5)
		N7	1233.5	0.41	np	2p (−67.3/−56.6)
		N17	1529.5	1.45	np	1p (−61.9)
		N18	1554.5	1.54	np	1p (−63.7)
		N19	1597.5	1.69	np	1p (−62.6)
		N22	1652.5	1.88	1p (−61.6)	1p (−60.9)
		N23	1683.5	1.99	1p (−63.3)	1p (−60.9)
X Gem	189	N20	1598.5	0.60	np	1p (+39.9)
		N22	1652.5	0.81	1p (+42.0)	1p (+42.6)
		N23	1683.5	0.92	1p (+40.7)	1p (+42.5)
X Mon		N22	1652.5	0.94	ap (+154.7/+171.5)	1p (+167.0)
R Gem	194	N4	1093.5	0.99	2p (−56.6/−38.8)	2p (−58.2/−39.2)
		N6	1205.5	1.21	2p (−54.9/−40.5)	2p (−53.0/−39.2)
		N7	1233.5	1.29	2p (−55.0/−43.0)	np
		N17	1529.5	2.09	2p (−55.8/−39.2)	2p?
		N18	1554.5	2.15	2p (−55.6/−40.5)	np
		N19	1597.5	2.27	2p (−55.8/−41.7)	1p?
		N22	1652.5	2.42	1p?	1p?
R CMi		N20	1598.5	0.58	1p (+45.9)	1p?
S CMi	241	N6	1205.5	0.02	np	1p (+67.5)
		N7	1233.5	0.10	1p (+67.6)	1p (+68.7)
		N17	1529.5	0.99	1p (+70.9)	1p (+71.5)
		N18	1554.5	1.07	2p (+49.6/+72.5)	1p (+72.9)
		N19	1597.5	1.20	2p?	1p (+73.3)
υ Gem		N6	1205.5	—	1p (−21.7)	1p (−21.6)
81 Gem		N6	1205.5	—	1p (+77.3)	1p (+77.4)
R Cnc	254	N3	1085.5	0.96	np	1p (+28.0)
		N17	1529.5	2.19	1p?	1p (+31.7)
		N18	1554.5	2.26	1p?	1p (+32.1)
		N20	1598.5	2.38	np	1p (+30.4)
		N22	1652.5	2.53	np	ap (+19.5/+29.4)
X UMa	161	N6	1205.5	0.05	2p (−90.8/−77.0)	1p (−79.0)
		N7	1233.5	0.16	2p?	1p (−79.1)
		N17	1529.5	1.35	np	1p?
		N22	1652.5	1.85	np	1p (−80.4)
HD 76830		N6	1205.5	—	1p (+23.2)	1p (+23.1)
UZ Hya	173	N6	1205.5	0.98	ap (+30.1/+46.3)	1p (+40.4)
		N7	1233.5	1.09	ap (+28.6/+44.8)	2p (+27.4/+41.0)
		N17	1529.5	2.22	2p?	1p (+40.3)
		N18	1554.5	2.32	np	2p (+28.5/+41.1)
		N20	1598.5	2.49	np	1p (+34.1)
R Leo	231	N19	1597.5	0.76	np	1p (+5.2)
		N22	1652.5	0.94	np	1p (+7.1)
		N23	1683.5	1.04	np	1p (+7.5)
S LMi	148	N20	1598.5	0.99	2p (−14.8/+0.1)	ap (−13.4/−6.2)
		N22	1652.5	1.22	1p (−12.1)	1p (−9.2)
V Leo	193	N6	1205.5	0.05	ap (−26.5/−16.4)	1p (−22.1)
		N7	1233.5	0.16	np	1p (−21.8)
		N17	1529.5	1.24	np	1p (−21.4)
		N18	1554.5	1.33	np	1p (−19.8)
R UMa	181	N9	1291.5	0.03	2p (+14.2/+36.5)	1p (+35.1)
		N17	1529.5	0.82	np	1p (+33.7)
		N18	1554.5	0.90	1p?	1p (+34.1)
		N19	1597.5	1.04	1p (+35.2)	1p (+33.8)
RU UMa	162	N6	1205.5	0.97	np	1p (−56.2)
		N7	1233.5	1.08	2p (−67.5/−54.8)	1p (−56.1)
		N17	1529.5	2.26	np	1p (−57.6)
		N18	1554.5	2.35	np	np
Y Vir	142	N7	1233.5	0.99	2p (+3.4/+16.6)	1p (+13.3)
		N18	1554.5	2.46	np	2p?
		N20	1598.5	2.66	np	1p (+7.3)
		N22	1652.5	2.90	2p (+0.4/+14.4)	1p (+9.1)
R Vir	117	N23	1683.5	0.92	ap (−35.3/−23.3)	1p (−32.8)
		N24	1716.5	1.14	ap (−35.1/−23.0)	1p (−31.0)

Table 2. Continued

Name	ρ ($R_\odot$)	Night Number	Julian Date (2450000+)	Phase	K0-template	M4-template
RS UMa	172	N6	1205.5	0.10	ap (−31.8/−18.1)	1p (−30.3)
		N7	1233.5	0.20	2p (−37.3/−23.8)	1p (−29.9)
		N18	1554.5	1.44	np	1p (−25.8)
		N24	1716.5	2.07	1p (−23.3)	1p (−23.6)
S UMa	133	N19	1597.5	0.91	ap (−1.0/+14.0)	ap (−1.8/+11.6)
		N22	1652.5	1.15	1p (−7.7)	1p (−7.5)
U Vir	137	N20	1598.5	0.06	2p (−56.3/−41.7)	2p (−56.3/−44.5)
		N22	1652.5	0.32	np	1p (−47.8)
V UMi		N7	1233.5	0.99:	1p (−171.2)	1p (−171.9)
		N18	1554.5	5.44:	1p (−165.9)	1p (−167.0)
		N19	1597.5	6.04:	1p (−170.3)	1p (−171.8)
		N22	1652.5	6.81:	1p (−168.7)	1p (−166.7)
		N24	1716.5	7.69:	1p (−168.3)	1p (−166.0)
SY Vir	197	N24	1716.5	0.05	ap (+11.2/+21.7)	1p (+17.9)
HD 123657		N6	1205.5	—	1p (−37.3)	1p (−37.5)
α Boo		N19	1597.5	—	1p (−5.3)	1p (−5.2)
R Boo	151	N7	1233.5	0.98	2p (−66.4/−49.1)	ap (−62.8/−51.9)
		N9	1291.5	1.24	np	1p (−55.1)
		N18	1554.5	2.41	np	ap (−64.1/−53.8)
		N19	1597.5	2.61	np	1p (−59.7)
		N22	1652.5	2.85	1p (−55.2)	1p (−56.5)
Y Lib	194	N6	1205.5	0.98	np	2p (−2.9/+7.1)
		N7	1233.5	1.08	1p?	1p (+3.1)
		N19	1597.5	2.40	np	1p (+6.4)
		N24	1716.5	2.83	np	1p (+4.3)
RT Boo	215	N20	1598.5	0.05	1p (+34.2)	1p (+37.3)
		N23	1683.5	0.36	np	1p (+34.4)
S Ser	232	N25	1737.5	0.01	np	1p (+9.2)
S UMi	241	N1	1031.5	0.69	np	1p (−53.8)
		N6	1205.5	1.22	np	np
		N7	1233.5	1.30	np	ap (−56.5/−48.3)
		N9	1291.5	1.48	np	1p (−54.7)
		N12	1365.5	1.70	np	1p (−52.4)
		N13	1386.5	1.76	np	1p (−51.5)
		N14	1424.5	1.88	np	1p (−50.0)
		N20	1598.5	2.40	np	ap (−59.2/−51.0)
		N22	1652.5	2.57	np	1p (−55.6)
		N24	1716.5	2.76	1p?	1p (−52.8)
ST Her		N7	1233.5	—	1p (−24.3)	1p (−22.8)
RU Her	303	N9	1291.5	0.02	1p (−25.0)	1p (−25.2)
		N10	1318.5	0.08	1p (−26.0)	1p (−25.1)
		N12	1365.5	0.17	np	1p (−25.0)
		N20	1598.5	0.65	np	1p (−29.9)
		N23	1683.5	0.83	np	1p (−28.3)
		N24	1716.5	0.90	np	1p (−28.0)
		N26	1766.5	1.00	1p?	1p (−27.1)
SS Oph	150	N24	1716.5	0.98	2p (−41.9/−28.2)	1p (−31.5)
RV Her	137	N24	1716.5	0.95	2p?	1p (−47.9)
SY Her	93	N23	1683.5	0.09	ap (+21.6/+36.6)	1p (+31.2)
Z Oph	143	N1	1031.5	0.08	2p (−96.0/−77.2)	2p (−97.1/−75.7)
		N2	1060.5	0.17	2p (−93.7/−78.5)	2p (−95.2/−79.4)
		N9	1291.5	0.83	1p?	1p (−83.2)
		N10	1318.5	0.91	np	np
		N12	1365.5	1.04	2p (−97.8/−76.1)	1p (−79.7)
		N13	1386.5	1.10	2p (−94.6/−76.1)	1p (−79.4)
		N14	1424.5	1.21	2p (−88.2/−75.5)	1p (−79.0)
		N22	1652.5	1.86	1p (−73.9)	1p (−75.6)
		N24	1716.5	2.05	2p (−94.3/−76.9)	1p (−74.1)
		N27	1767.5	2.19	2p (−91.6/−75.0)	2p (−94.8/−76.0)
RS Her	156	N9	1291.5	0.95	1p (−34.7)	1p (−33.8)
		N10	1318.5	1.07	1p (−40.3)	1p (−34.1)
		N25	1737.5	2.98	2p (−44.0/−26.8)	ap (−44.5/−30.4)
RU Oph	142	N24	1716.5	0.00	1p (+42.0)	1p (+40.5)
β Oph		N9	1291.5	—	1p (−12.2)	1p (−12.2)
		N10	1318.5	—	1p (−12.5)	1p (−12.4)
		N12	1365.5	—	1p (−12.6)	1p (−12.6)
		N13	1386.5	—	1p (−12.4)	1p (−12.4)
		N23	1683.5	—	1p (−12.3)	1p (−12.3)
		N26	1766.5	—	1p (−12.4)	1p (−12.7)

Table 2. Continued

Name	ρ ($R_\odot$)	Night Number	Julian Date (2450000+)	Phase	K0-template	M4-template
T Her	120	N24	1716.5	0.03	2p (−133.4/−115.0)	1p (−117.9)
RY Oph	119	N22	1652.5	0.95	2p (−75.9/−54.7)	1p (−56.6)
RT Dra	195	N2	1060.5	0.04	2p?	1p (−99.8)
		N3	1085.5	0.13	np	1p (−101.5)
		N4	1093.5	0.27	np	ap (−111.8/−100.6)
		N5	1171.5	0.44	np	np
		N9	1291.5	0.87	1p (−106.3)	1p (−104.4)
		N10	1318.5	0.96	1p (−108.8)	1p (−103.8)
		N12	1365.5	1.13	np	1p (−104.0)
		N13	1386.5	1.21	np	1p (−103.7)
		N14	1424.5	1.34	np	1p (−105.5)
		N15	1450.5	1.44	np	1p (−106.2)
		N22	1652.5	2.16	np	1p (−100.0)
		N23	1683.5	2.27	np	2p (−112.6/−101.9)
		N24	1716.5	2.39	np	1p (−109.4)
		N26	1766.5	2.57	np	1p (−107.4)
SV Her	178	N27	1767.5	0.94	1p (−13.0)	1p (−13.9)
X Oph	216	N13	1386.5	0.90	1p (−73.2)	1p (−71.4)
		N14	1424.5	1.02	1p (−72.8)	1p (−70.8)
		N15	1450.5	1.09	1p (−73.1)	1p (−70.1)
		N26	1766.5	2.06	1p (−74.1)	1p (−75.2)
WZ Lyr	429	N24	1716.5	0.97	1p?	1p (+1.7)
		N26	1766.5	1.10	1p?	1p (+1.4)
RU Lyr	258	N27	1767.5	0.98	1p?	1p (−3.3)
W Aql	242	N23	1683.5	0.97	2p (−53.5/−27.4)	1p (−23.4)
RT Cyg	130	N1	1031.5	0.95	2p (−132.5/−110.1)	1p (−111.4)
		N2	1060.5	1.10	2p (−130.7/−111.0)	2p (−134.9/−111.6)
		N3	1085.5	1.23	ap (−122.5/−110.3)	1p (−112.5)
		N12	1365.5	2.70	np	np
		N13	1386.5	2.81	1p (−113.0)	1p (−114.6)
		N14	1424.5	3.01	2p (−130.2/−110.4)	1p (−112.0)
		N15	1450.5	3.15	2p (−128.5/−111.1)	2p (−130.7/−112.7)
γ Aql		N9	1291.5	—	1p (−3.1)	1p (−2.8)
		N23	1683.5	—	1p (−3.1)	1p (−2.9)
		N26	1766.5	—	1p (−3.2)	1p (−3.3)
χ Cyg	273	N1	1031.5	0.76	np	1p (−7.1)
		N2	1060.5	0.83	np	1p (−5.5)
		N3	1085.5	0.89	1p (−5.1)	1p (−5.3)
		N4	1093.5	0.99	1p (−5.1)	1p (−5.7)
		N14	1424.5	1.73	np	1p (−5.5)
		N15	1450.5	1.79	np	1p (−5.0)
Z Cyg	189	N26	1766.5	0.03	2p (−179.4/−160.5)	1p (−160.9)
S Aql		N27	1767.5	0.95	ap (−114.7/−100.6)	1p (−103.2)
Z Aql	109	N23	1683.5	0.08	2p (−16.5/+2.4)	1p (−3.3)
WX Cyg		N3	1085.5	0.96	2p (+30.6/+47.6)	np
		N4	1093.5	1.06	2p (+25.8/+45.4)	np
T Cep	238	N1	1031.5	0.23	2p?	1p (−10.9)
		N2	1060.5	0.31	np	1p (−10.9)
		N12	1365.5	1.09	1p?	1p (−11.3)
		N14	1424.5	1.25	np	1p (−11.1)
		N23	1683.5	1.91	np	1p (−14.9)
		N27	1767.5	2.13	1p (−15.8)	1p (−13.9)
RR Aqr	127	N27	1767.5	0.04	2p (−191.0/−174.4)	2p (−191.3/−178.2)
X Peg	135	N23	1683.5	0.01	ap (−49.1/−35.5)	1p (−39.7)
SW Peg	222	N3	1085.5	0.96	1p (−3.8)	1p (−4.4)
		N15	1450.5	1.88	np	1p (−4.2)
AX Cep		N2	1060.5	0.19:	ap (−5.3/+7.5)	np
		N3	1085.5	0.25:	1p (−2.1)	np
		N4	1093.5	0.35:	1p (−1.0)	np
		N5	1171.5	0.47:	1p (+1.6)	np
		N7	1233.5	0.63:	1p (+6.7)	np
		N13	1386.5	1.01:	2p (−7.2/+7.6)	np
		N14	1424.5	1.11:	ap (−6.4/+6.3)	np
		N15	1450.5	1.17:	1p (−3.7)	np
		N17	1529.5	1.37:	1p (−1.6)	np
		N18	1554.5	1.44:	1p (+0.0)	np
		N26	1766.5	1.97:	2p (−9.9/+7.6)	np
S Cep		N1	1031.5	0.89	2p (−38.5/−18.2)	np
		N2	1060.5	0.95	2p (−37.2/−18.5)	np

Table 2. Continued

Name	ρ ($R_\odot$)	Night Number	Julian Date (2450000+)	Phase	K0-template	M4-template
		N3	1085.5	1.00	2p (−36.0/−18.7)	np
		N4	1093.5	1.08	2p (−33.7/−18.6)	np
		N7	1233.5	1.30	1p (−27.0)	np
		N12	1365.5	1.58	1p (−22.0)	np
		N13	1386.5	1.62	1p (−21.1)	np
		N14	1424.5	1.70	1p (−20.7)	np
		N15	1450.5	1.75	1p (−20.7)	np
		N17	1529.5	1.91	2p (−39.0/−20.0)	np
		N18	1554.5	1.96	2p (−39.0/−20.4)	np
		N26	1766.5	2.40	1p (−26.3)	np
RV Peg	268	N27	1767.5	0.97	1p (−32.4)	1p (−32.5)
AR Cep		N1	1031.5	—	1p (−16.5)	1p (−16.3)
		N4	1093.5	—	1p (−16.0)	1p (−16.1)
R Peg	261	N2	1060.5	0.97	1p (+20.7)	1p (+21.7)
		N3	1085.5	1.03	1p (+20.2)	1p (+21.9)
		N15	1450.5	2.00	1p?	1p (+21.5)
		N17	1529.5	2.21	np	1p (+21.8)
W Peg	247	N2	1060.5	0.02	1p?	1p (−19.5)
		N3	1085.5	0.10	2p?	1p (−18.4)
		N13	1386.5	0.97	np	1p (−25.0)
		N15	1450.5	1.15	np	1p (−22.5)
		N27	1767.5	2.07	2p?	1p (−18.1)
S Peg	212	N2	1060.5	0.98	1p?	1p (+5.3)
		N3	1085.5	1.06	1p?	1p (+6.0)
		N13	1386.5	2.00	1p?	1p (+4.8)
RY Cep	86	N2	1060.5	0.60:	1p (−231.7)	1p (−233.9)
		N3	1085.5	0.77:	1p (−235.1)	1p (−230.8)
		N4	1093.5	1.03:	1p (−245.1)	2p (−249.5/−229.3)
		N7	1233.5	1.76:	1p (−234.2)	1p (−234.3)
		N13	1386.5	2.79:	ap (−234.9/−222.2)	1p (−235.6)
		N15	1450.5	3.22:	1p (−241.5)	ap (−244.5/−231.9)
		N17	1529.5	3.75:	1p (−230.8)	1p (−232.6)
		N18	1554.5	3.92:	2p (−242.9/−226.6)	1p (−229.6)
		N27	1767.5	5.35:	1p (−239.2)	2p (−246.1/−234.0)
ST And		N4	1093.5	0.99	2p (+27.5/+43.1)	np
		N15	1450.5	1.98	ap (+28.7/+43.5)	np
		N17	1529.5	2.22	ap (+25.0/+33.8)	np
		N18	1554.5	2.30	2p (+27.1/+35.9)	np
		N26	1766.5	2.95	1p (+37.2)	np
R Cas	282	N4	1093.5	0.41	np	1p?
		N13	1386.5	1.02	1p?	1p (+22.7)
		N17	1529.5	1.35	np	1p (+20.1)
		N26	1766.5	1.90	1p (+21.3)	1p (+21.4)