Table 1. Orbital elements for the strong barium stars. N is the number of measurements used to derive the orbital solution and $O-C$ the residue around this solution. ΔT is the span of the observations

Id HD	P [days]	T [HJD -2400000]	e	γ [$\mathrm{km\,s^{-1}}$]	ω [deg]	K [$\mathrm{km\,s^{-1}}$]	$f(m)$	$a\sin i$ [Gm]	N	$O-C$ [$\mathrm{km\,s^{-1}}$]	ΔT [days]
43389	1689.03	47222.46	0.082	53.14	189.50	6.26	4.267e-02	144.990	24	0.351	3350
	8.760	61.25	0.016	0.08	12.77	0.12	2.476e-03	2.892			
44896	628.889	48464.30	0.025	52.16	227.04	9.04	4.827e-02	78.187	19	0.209	3270
	0.886	28.41	0.010	0.06	16.27	0.07	1.091e-03	0.598			
46407	457.403	47677.45	0.013	-3.45	73.73	9.03	3.503e-02	56.825	68	0.396	5883
	0.140	40.73	0.008	0.05	32.08	0.07	8.655e-04	0.468			
50082	2896.034	45953.12	0.188	-17.37	205.61	4.54	2.676e-02	177.777	29	0.345	5543
	21.339	56.58	0.022	0.07	6.61	0.11	1.998e-03	4.593			
92626	918.188	49147.83	0.000	16.28	0.00	7.64	4.249e-02	96.436	35	0.315	3803
	1.193	2.06	0.011	0.06	36.85	0.09	1.531e-03	1.164			
107541	3569.924	44388.16	0.104	88.15	223.09	4.32	2.940e-02	210.901	16	0.284	3973
	46.120	124.56	0.031	0.08	12.23	0.12	2.555e-03	6.629			
201657	1710.414	46154.95	0.171	-27.66	272.52	2.86	3.966e-03	66.228	15	0.287	4481
	15.023	103.55	0.072	0.18	22.51	0.22	9.471e-04	5.300			
211594	1018.861	48538.19	0.058	-9.88	73.65	5.10	1.399e-02	71.381	49	0.333	5030
	2.709	38.80	0.015	0.05	13.89	0.06	5.376e-04	0.931			