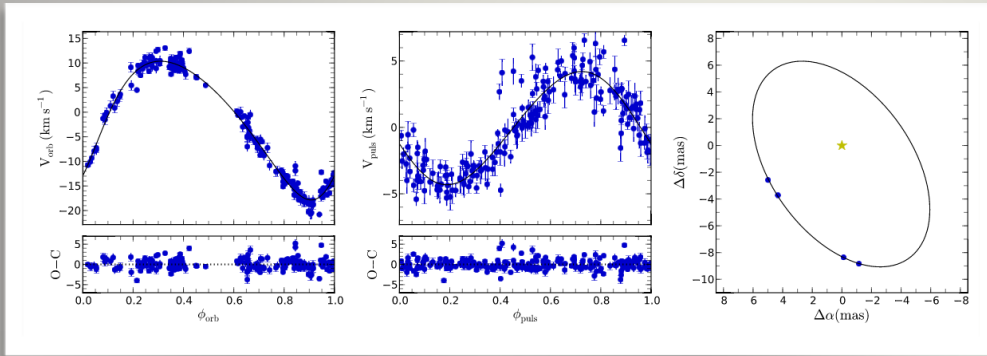


V1334 Cyg (P = 3.33d)

- RV1 available in the literature
- Simultaneous fit of RV and astrometry to solve for all orbital elements (P_{orb} , T_p , K_1 , v_γ , ω , a , i and Ω) and pulsation parameters



	Spectroscopy only (Evans 2000)	This work
Orbit		
P_{orb} (days)	1937.5 ± 2.1	1938.6 ± 1.2
T_p (HJD)	$2\,443\,607 \pm 14$	$2\,443\,616.1 \pm 7.3$
e	0.197 ± 0.009	0.190 ± 0.013
K_1 (km s ⁻¹)	14.1 ± 0.1	13.86 ± 0.17
v_γ (km s ⁻¹)	-1.8 ± 0.1	-1.9 ± 0.1
ω (°)	226.3 ± 2.9	228.7 ± 1.6
Ω (°)	—	206.3 ± 9.4
a (mas)	—	8.54 ± 0.51
i (°)	—	124.7 ± 1.8
m_{II}	—	8.47 ± 0.15
Pulsation		
P_{puls} (days)	3.33251 ± 0.00001	3.33250 ± 0.00002
T_0^{a} (HJD)	$2\,440\,124.5330$	$2\,440\,124.5330$
A_1	—	4.35 ± 0.15
A_2	—	1.81 ± 0.11
B_1	—	0.08 ± 0.06
B_2	—	2.72 ± 1.30