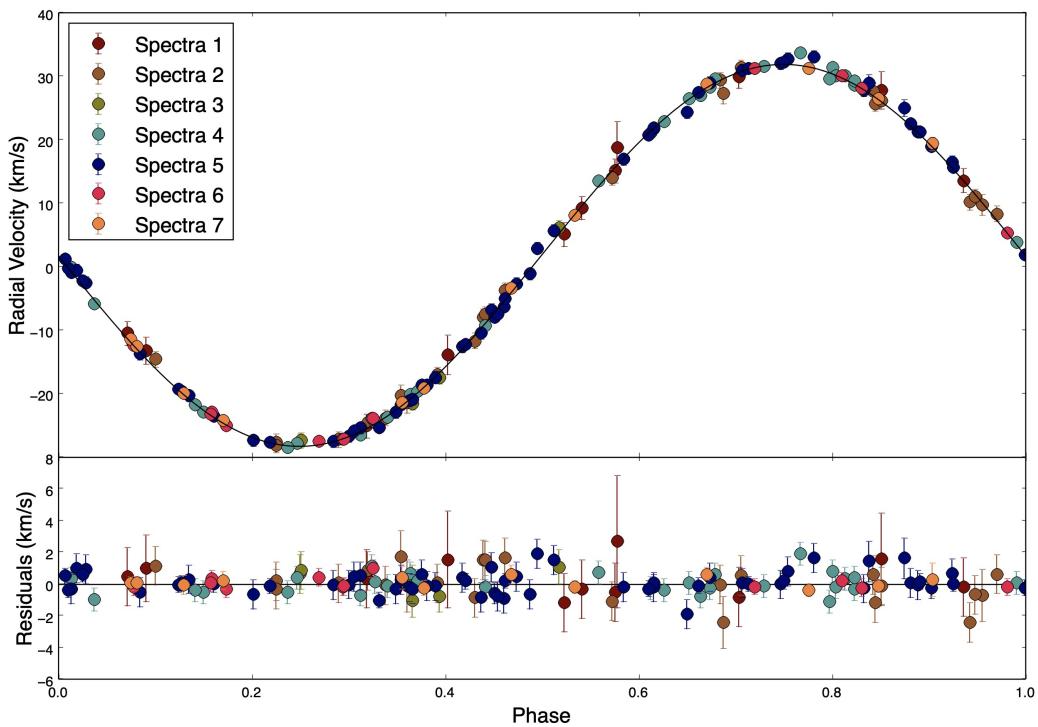


Table 1: Reduced χ^2 : 0.7

P (days)	$71.69028^{+0.00055}_{-0.00056}$
t_{tran} (days)	$43072.572^{+0.075}_{-0.071}$
$\sqrt{e} \cos \omega$	$-0.0002^{+0.0016}_{-0.0023}$
$\sqrt{e} \sin \omega$	$0.0005^{+0.0024}_{-0.0014}$
K_1 (km/s)	$30.090^{+0.083}_{-0.082}$
$\gamma_0(km/s)$	$1.86^{+0.63}_{-0.63}$
$\gamma_1(km/s)$	$1.78^{+0.26}_{-0.26}$
$\gamma_2(km/s)$	$1.29^{+0.45}_{-0.44}$
$\gamma_3(km/s)$	$0.72^{+0.14}_{-0.14}$
$\gamma_4(km/s)$	$0.974^{+0.090}_{-0.090}$
$\gamma_5(km/s)$	$0.69^{+0.17}_{-0.17}$
$\gamma_6(km/s)$	$0.40^{+0.14}_{-0.14}$
$\sigma_{j,1}^2(km/s)^2$	$0.40^{+0.38}_{-0.29}$
$\sigma_{j,2}^2(km/s)^2$	$0.28^{+0.35}_{-0.20}$
$\sigma_{j,3}^2(km/s)^2$	$0.43^{+0.36}_{-0.30}$
$\sigma_{j,4}^2(km/s)^2$	$0.123^{+0.152}_{-0.086}$
$\sigma_{j,5}^2(km/s)^2$	$0.029^{+0.047}_{-0.022}$
$\sigma_{j,6}^2(km/s)^2$	$0.074^{+0.141}_{-0.056}$
$\sigma_{j,7}^2(km/s)^2$	$0.096^{+0.138}_{-0.066}$
e	$0.0022^{+0.0024}_{-0.0015}$
ω (deg)	55^{+85}_{-171}


 Figure 1: RV fit to median MCMC parameters. RMS residual velocity of 1.81 km s^{-1} .

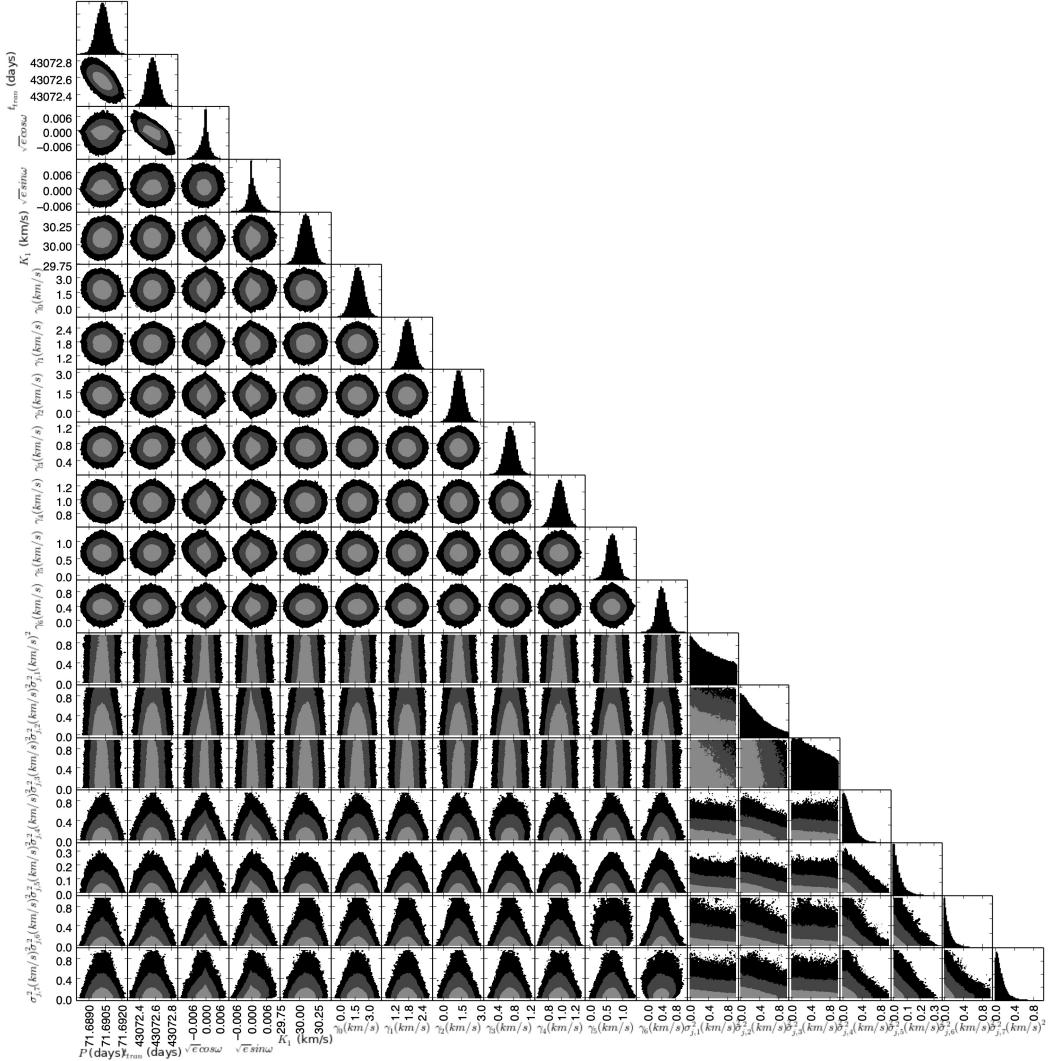


Figure 2: Contour plots showing the 1σ , 2σ , and 3σ constraints on pairs of parameters for the MCMC model.

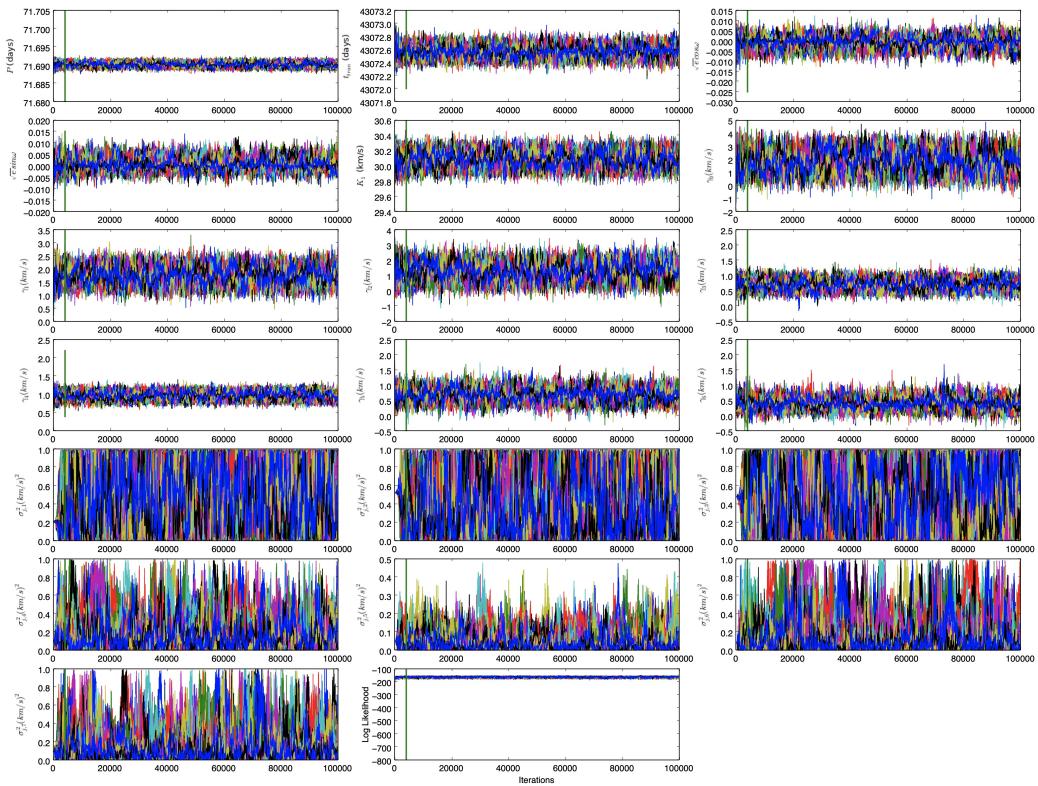


Figure 3: MCMC chains for all 50 walkers. Green line is burnout: 4000steps.