TABLE 1 MODEL COMPARISON

AICc Qualitative Comparison	Free Parameters	$N_{ m free}$	$N_{ m data}$	RMS	$\ln \mathcal{L}$	BIC	AICc	$\Delta { m AICc}$
AICc Favored Model	$K_b, K_c, K_d, K_e, K_f, \dot{\gamma}, \sigma, \gamma$	8	99	3.98	-214.56	591.02	571.86	0.00
Nearly Indistinguishable	$K_b,K_c,K_e,K_f,\dot{\gamma},\sigma,\gamma$	7	99	4.06	-216.48	590.28	573.34	1.48
Somewhat Disfavored	$K_b, K_c, K_d, K_e, K_f, K_{add_de}, \dot{\gamma}, \sigma, \gamma$	9	99	3.98	-214.56	595.62	574.28	2.42
	$K_b, K_c, K_e, K_f, K_{add_de}, \dot{\gamma}, \sigma, \gamma$	8	99	4.06	-216.48	594.87	575.71	3.85
Ruled Out	$K_b, K_c, K_d, K_f, \dot{\gamma}, \sigma, \gamma$	7	99	4.35	-223.42	604.15	587.22	15.36
	$K_b, K_c, K_d, K_f, K_{add_de}, \gamma, \sigma, \gamma$	8	99	4.35	-223.42	608.75	589.59	17.73
	$K_b, K_c, K_f, \dot{\gamma}, \sigma, \gamma$	6	99	4.49	-226.54	605.80	591.14	19.28
	$K_c,K_d,K_e,K_f,\gamma,\sigma,\gamma$	7	99	4.47	-226.19	609.68	592.74	20.88
	$K_b, K_c, K_f, K_{add_de}, \dot{\gamma}, \sigma, \gamma$	7	99	4.49	-226.54	610.39	593.46	21.60
	$K_c, K_e, K_f, \dot{\gamma}, \sigma, \dot{\gamma}$	6	99	4.54	-227.81	608.33	593.68	21.82
	$K_c, K_d, K_e, K_f, K_{add_de}, \dot{\gamma}, \sigma, \gamma$	8	99	4.47	-226.19	614.27	595.11	23.25
	$K_c, K_e, K_f, K_{add_de}, \dot{\gamma}, \sigma, \gamma$	7	99	4.54	-227.81	612.93	595.99	24.13
	$K_c, K_d, K_f, \dot{\gamma}, \sigma, \dot{\gamma}$	6	99	4.77	-232.56	617.84	603.18	31.32
	$K_b, K_c, K_d, K_e, \dot{\gamma}, \sigma, \gamma$	7	99	4.76	-232.34	621.98	605.05	33.19
	$K_c, K_d, K_f, K_{add_de}, \dot{\gamma}, \sigma, \gamma$	7	99	4.77	-232.56	622.43	605.50	33.64
	$K_b, K_d, K_e, K_f, \dot{\gamma}, \sigma, \gamma$	7	99	4.79	-232.78	622.86	605.92	34.06
	$K_c,K_f,\dot{\gamma},\sigma,\dot{\gamma}$	5	99	4.90	-235.17	618.45	606.12	34.26
	$K_h, K_e, K_f, \dot{\gamma}, \sigma, \gamma$	6	99	4.88	-234.50	621.71	607.05	35.19
	$K_b, K_c, K_d, K_e, K_{add_de}, \gamma, \sigma, \gamma$	8	99	4.76	-232.34	626.58	607.42	35.56
	$K_b, K_c, K_e, \dot{\gamma}, \sigma, \gamma$	6	99	4.89	-235.01	622.74	608.08	36.22
	$K_b, K_d, K_e, K_f, K_{add_de}, \dot{\gamma}, \sigma, \gamma$	8	99	4.79	-232.78	627.45	608.29	36.43
	$K_c, K_f, K_{add_de}, \dot{\gamma}, \sigma, \gamma$	6	99	4.90	-235.17	623.04	608.38	36.52
	$K_b, K_e, K_f, K_{add_de}, \dot{\gamma}, \sigma, \gamma$	7	99	4.88	-234.50	626.30	609.37	37.51
		7	99	4.89	-235.01	627.33	610.40	38.54
	$K_b, K_c, K_e, K_{add_{de}}, \dot{\gamma}, \sigma, \gamma$	6	99	5.06	-238.48	629.67	615.01	43.15
	$K_b, K_c, K_d, \dot{\gamma}, \sigma, \dot{\gamma}$	6	99	5.00	-239.20	631.10	616.45	43.15 44.59
	$K_d, K_e, K_f, \dot{\gamma}, \sigma, \gamma$	6	99	5.10 5.13	-239.20	631.10		45.39
	$K_b, K_d, K_f, \dot{\gamma}, \sigma, \gamma$	5	99				617.25	
	$K_e, K_f, \dot{\gamma}, \sigma, \gamma$	-		5.19	-240.74	629.60	617.27	45.41
	$K_b, K_c, K_d, K_{add_de}, \dot{\gamma}, \sigma, \gamma$	7	99	5.06	-238.48	634.26	617.33	45.47
	$K_d, K_e, K_f, K_{add_de}, \dot{\gamma}, \sigma, \gamma$	7	99	5.10	-239.22	635.75	618.81	46.95
	$K_e, K_f, K_{add_de}, \gamma, \sigma, \gamma$	6	99	5.19	-240.74	634.20	619.54	47.68
	$K_b, K_d, K_f, K_{add_de}, \gamma, \sigma, \gamma$	7	99	5.13	-239.60	636.50	619.57	47.71
	$K_b, K_c, \dot{\gamma}, \sigma, \gamma$	5	99	5.26	-242.30	632.72	620.39	48.53
	$K_b, K_f, \dot{\gamma}, \sigma, \gamma$	5	99	5.28	-242.39	632.90	620.57	48.71
	$K_b, K_c, K_{add_de}, \dot{\gamma}, \sigma, \gamma$	6	99	5.26	-242.30	637.31	622.65	50.79
	$K_b, K_f, K_{add_de}, \dot{\gamma}, \sigma, \gamma$	6	99	5.28	-242.39	637.49	622.83	50.97
	$K_c, K_d, K_e, \dot{\gamma}, \sigma, \gamma$	6	99	5.32	-243.40	639.52	624.86	53.00
	$K_d, K_f, \dot{\gamma}, \sigma, \gamma$	5	99	5.39	-244.66	637.43	625.10	53.24
	$K_c, K_d, K_e, K_{add_de}, \dot{\gamma}, \sigma, \gamma$	7	99	5.32	-243.40	644.11	627.17	55.31
	$K_c, K_e, \dot{\gamma}, \sigma, \gamma$	5	99	5.45	-245.76	639.64	627.31	55.45
	$K_d, K_f, K_{add_de}, \dot{\gamma}, \sigma, \gamma$	6	99	5.39	-244.66	642.02	627.37	55.51
	$K_f, \dot{\gamma}, \sigma, \gamma$	4	99	5.54	-247.15	637.82	627.87	56.01
	$K_b^{j}, K_d, K_e, \dot{\gamma}, \sigma, \gamma$	6	99	5.41	-244.95	642.61	627.95	56.09
	$K_c, K_e, K_{add_de}, \dot{\gamma}, \sigma, \gamma$	6	99	5.45	-245.76	644.24	629.58	57.72
	$K_f, K_{add_de}, \dot{\gamma}, \sigma, \gamma$	5	99	5.54	-247.15	642.42	630.09	58.23
	$K_b, K_d, K_e, K_{add_de}, \dot{\gamma}, \sigma, \gamma$	7	99	5.41	-244.95	647.21	630.27	58.41
	$K_b, K_e, \dot{\gamma}, \sigma, \gamma$	5	99	5.54	-247.38	642.88	630.55	58.69
	$K_c, K_d, \dot{\gamma}, \sigma, \gamma$	5	99	5.56	-247.72	643.55	631.22	59.36
	$K, K, K, K, \lambda, \dot{\lambda} \sigma \sim$	6	99	5.54	-247.72	647.48	632.82	60.96
	$K_b, K_e, K_{add_{de}}, \dot{\gamma}, \sigma, \gamma$	6	99	5.54	-247.36 -247.72	648.15	633.49	61.63
	$K_c, K_d, K_{add_de}, \dot{\gamma}, \sigma, \gamma$	U	99	5.50	-241.12	040.19	055.49	01.05

$\begin{array}{c c c c c c c c c c c c c c c c c c c $	Parameter	Credible Interval	Maximum Likelihood	Units
$ \begin{array}{llllllllllllllllllllllllllllllllllll$		MCMC Step Para	meters	
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	P_b			
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$				
$ \begin{array}{c} \omega_b \\ K_b \\ K_b \\ 2.9 \pm 0.6 \\ 8.5.9 \\ 2.9 \pm 0.6 \\ 2.9 \\ 3.82 \pm 0.0 \\ 2.9 \pm 0.0 \\ 3.82 \pm 0.0 \\ 3.82 \pm 0.0 \\ 3.82 \pm 0.62 \\ 3.84 \\ 3.85 \\ 3.84 \\$	- 0			310
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$				radians
$ \begin{array}{c} Tconj_c \\ Tperi_c \\ ec \\ = 2458681.9911 \\ ec \\ = 0.0 \\ \omega_c \\ = 0.0 \\ = 0.0 \\ \omega_c \\ = 0.0 \\ \omega_d \\ = 18.66 \\ = 18.66 \\ days \\ Tconj_d \\ = 2458688.9653 \\ JD \\ Tperi_d \\ = 2458688.9653 \\ JD \\ = 0.0 \\ \omega_d \\ = 0.0 \\ \omega_c \\ = 0.0 \\ \omega_d \\ = $	K_b	2.9 ± 0.6	2.9	${ m m~s^{-1}}$
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	P_c			
$\begin{array}{c} e_{c} \\ \omega_{c} \\ \omega_{c} \\ = 0.0 \\ S_{c} \\$	$T_{\text{conj}_{\mathbf{c}}}$			
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$				310
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$				radians
$ Tonj_{\rm d} = 2458688.9653 = 2458688.9633 $	K_c	3.82 ± 0.62	3.84	${ m m~s^{-1}}$
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	P_d			
$ \begin{array}{c} e_d \\ \omega_d \\ \omega_d \\ 0 \\ 0.0 \\ $	Tconj _d			
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$				312
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		= 0.0		radians
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		$1.22^{+0.63}_{-0.59}$	1.18	${ m m~s^{-1}}$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	P_e	$\equiv 37.92$		
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$T_{\text{conj}_{\mathbf{e}}}$			
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$				JD
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$				radians
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$				_
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	P_f	$\equiv 93.8$	$\equiv 93.8$	days
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$				
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$				JD
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$				radians
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$				
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		$\equiv 26.601$		
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$T_{\text{conj}_{\text{add}_{4}e}}^{\text{add}_{4}e}$	$\equiv 2459444.7188$	$\equiv 2459444.7188$	
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$T_{\text{peri}_{\text{add}_{\text{d}}}}$ e	$\equiv 2459438.0686$	$\equiv 2459438.0686$	$_{ m JD}$
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	e_{add_de}			
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		$\equiv 0.0$		
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$			1e – 11	m s ¹
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$				
$\begin{array}{cccccccccccccccccccccccccccccccccccc$				
$\begin{array}{cccccccccccccccccccccccccccccccccccc$				-
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	- 6			JD
$\begin{array}{cccccccccccccccccccccccccccccccccccc$				radians
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	K_b	2.9 ± 0.6		${ m m~s^{-1}}$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	P_c			
e_c $\equiv 0.0$ $\equiv 0.0$ $\equiv 0.0$ radians K_c $\equiv 0.62$ $\equiv 0.0$ radians K_c $\equiv 18.66$ $\equiv 18.66$ $\equiv 18.66$ days P_d $\equiv 18.66$ $\equiv 18.66$ days T conj _d $\equiv 2458688.9653$ $\equiv 2458688.9653$ $\equiv 31.00$ E_d $\equiv 0.0$ $\equiv 0.0$ $\equiv 0.0$ $\equiv 0.0$ E_d $\equiv 0.0$ $\equiv 0.0$ $\equiv 0.0$ radians K_d $1.22^{+0.63}_{-0.59}$ $\equiv 1.18$ m s ⁻¹ P_e $\equiv 37.92$ $\equiv 37.92$ days T conj _e $\equiv 2457000.7134$ $\equiv 2457000.7134$ $\equiv 245991.2334$ $\equiv 245991.2334$ $\equiv 245991.2334$ $\equiv 20.0$ $\equiv 0.0$ $\equiv 0.0$ radians K_e $\equiv 245991.2334$ $\equiv 245991.2334$ $\equiv 2.00$ $\equiv 0.0$ radians K_e $\equiv 2.6691.2334$ $\equiv 2.00$ $\equiv 2.00$ radians K_e $\equiv 2.64942.94$ $\equiv 2.64942.94$ $\equiv 2.45942.94$ $\equiv 2.45942.94$ $\equiv 2.45942.94$ <td></td> <td></td> <td></td> <td></td>				
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$				JD
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$				
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	K_c	3.82 ± 0.62		
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	P_d			days
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$T \operatorname{conj_d}$			
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$				שנ
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		= 0.0		
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		$1.22^{+0.63}_{-0.50}$	1.18	${ m m~s^{-1}}$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	P_e	$\equiv 37.92$	$\equiv 37.92$	days
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Tconj _e			
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$				JD
$\begin{array}{cccccccccccccccccccccccccccccccccccc$				radians
$\begin{array}{cccccccccccccccccccccccccccccccccccc$				
$\begin{array}{lllll} T\text{conj}_{\text{f}} & \equiv 2459462.9 & \equiv 2459462.9 & \text{JD} \\ T\text{peri}_{\text{f}} & \equiv 2459439.45 & \equiv 2459439.45 & \text{JD} \\ e_f & \equiv 0.0 & \equiv 0.0 \\ \omega_f & \equiv 0.0 & \equiv 0.0 & \text{radians} \\ K_f & 4.23^{+0.68}_{-0.7} & 4.24 & \text{m s}^{-1} \\ P_{add_de} & \equiv 26.601 & \equiv 26.601 & \text{days} \\ T\text{conj}_{\text{add}_de} & \equiv 2459444.7188 & \equiv 2459444.7188 & \text{JD} \\ T\text{peri}_{\text{add}_de} & \equiv 2459438.0686 & \equiv 2459438.0686 & \text{JD} \\ e_{add_de} & \equiv 0.0 & \equiv 0.0 \\ \omega_{\text{d}} & \equiv 0.0 & \equiv 0.0 \\ \omega_{\text{d}} & \equiv 0.0 & \equiv 0.0 & \text{radians} \\ \omega_{\text{d}} & \omega_{\text{d}}$	P_f			
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Tconj _f			ĴD
$\begin{array}{cccccccccccccccccccccccccccccccccccc$				$_{ m JD}$
K_f 4.23 $^{+0.68}_{-0.7}$ 4.24 m s ⁻¹ P_{add_de} $\equiv 26.601$ $\equiv 26.601$ days $T_{conj_{add_de}}$ $\equiv 2459444.7188$ $\equiv 2459444.7188$ JD $T_{peri_{add_de}}$ $\equiv 2459438.0686$ $\equiv 2459438.0686$ JD e_{add_de} $\equiv 0.0$ $\equiv 0.0$				radiane
$P_{add_de} = \pm 26.601 = \pm 26.601 $ days $T \cos j_{add_de} = \pm 2459444.7188 = \pm 2459444.7188 $ JD $T \operatorname{peri}_{add_de} = \pm 2459438.0686 = \pm 2459438.0686 $ JD $e_{add_de} = \pm 0.0 = \pm 0.0 $ radians				
$T ext{conj}_{ ext{add}_de} = 2459444.7188 = 2459444.7188 $		= 26.601		_
$T_{\text{peri}_{\text{add}_{\text{d}e}}} \equiv 2459438.0686 \qquad \equiv 2459438.0686 \qquad \text{JD}$ $e_{add_{\text{d}e}} \equiv 0.0 \qquad \equiv 0.0$ $e_{add_{\text{d}e}} \equiv 0.0 \qquad \equiv 0.0$ $e_{add_{\text{d}e}} \equiv 0.0 \qquad \text{radians}$ $e_{add_{\text{d}e}} \equiv 0.0 \qquad \text{radians}$	$T_{\text{conj}_{add},c}$			
$e_{add,e} = 0.0 = 0.0$ $= 0.0$ $= 0.0$ $= 0.0$ radians	Tperi _{add 1e}			
Report produced by RadVe Lev 1.4.7; http://radvel.readthedocs.io	e_{add_de}			
K_{add_de} 5.9e - 05+0.005 $m s^{-1}$	Report produ	uced by RadVe \mathbb{L}_{e} 0.0	7: http://radvel.readthee	radians docs.io
	K_{add_de}	$5.9e - 05^{+0.003}_{-5.9e-05}$	1e-11	m s ⁻¹

TABLE 3 DERIVED POSTERIORS

Parameter	Credible Interval	Maximum Likelihood	Units
a_b	$0.0493^{+0.0022}_{-0.0024}$	0.048	AU
$M_b \sin i$	$6.5^{+1.6}_{-1.5}$	6.3	${ m M}_{\oplus}$
a_c	$0.0608^{+0.0027}_{-0.003}$	0.0592	AU
$M_c \sin i$	$9.7^{+1.9}_{-1.8}$	9.4	${ m M}_{\oplus}$
a_d	$0.1309^{+0.0058}_{-0.0064}$	0.1276	AU
$M_d \sin i$	$4.5^{+2.4}_{-2.2}$	4.1	${ m M}_{\oplus}$
a_e	$0.2101^{+0.00\overline{9}\overline{3}}_{-0.01}$	0.2048	AU
$M_e \sin i$	$12.4^{+3.3}_{-3.2}$	11.6	${ m M}_{\oplus}$
a_f	$0.384^{+0.017}_{-0.019}$	0.375	AU
$M_f \sin i$	$26.9_{-5.0}^{+5.3}$	27.3	${ m M}_{\oplus}$
$a_a dd_d e$	$0.1659^{+0.0073}_{-0.0081}$	0.1617	AU
$M_a dd_d e \sin i$	10.27	3e - 05	M_{\oplus}

$\begin{array}{c} {\rm TABLE} \ 4 \\ {\rm SUMMARY} \ {\rm OF} \ {\rm PRIORS} \end{array}$

K constrained to be > 0

Gaussian prior on P_b : $4.31 \pm 2e - 05$

Gaussian prior on $T\mathrm{conj_b}\colon 2458686.5658 \pm 0.001$

Gaussian prior on P_c : $5.9 \pm 8e - 05$

Gaussian prior on $T\mathrm{conj_c}\colon\thinspace 2458683.4661 \pm 0.003$

Gaussian prior on P_d : $18.66 \pm 5e - 05$

Gaussian prior on Tconj_d: 2458688.9653 ± 0.009

Gaussian prior on P_e : 37.92 ± 0.0001

Gaussian prior on $T\mathrm{conj_e}\colon\thinspace 2457000.7134\pm0.0089$

Gaussian prior on P_f : 93.8 ± 0.0001

Gaussian prior on Tconj $_{\mathrm{f}}$: 2459462.9 \pm 0.0089

Bounded prior: $-20.0 < \sigma_{\rm j} < 20.0$

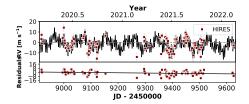
TABLE 5 FINAL CONVERGENCE CRITERION

Final Value
101.486
0.016
1.008
3401.778

TABLE 6
RADIAL VELOCITIES

$\begin{array}{c ccccccccccccccccccccccccccccccccccc$				
			RV Unc.	Inst.
2458917.06227 4.82 1.78 j 2458918.06580 9.02 1.66 j 2458919.05511 0.60 1.53 j 2458995.87585 6.04 1.93 j 2458902.92823 3.45 1.60 j 2459003.89134 0.80 1.56 j 2459013.87325 -3.05 1.66 j 2459016.87492 -3.96 1.82 j 2459024.86927 -1.91 1.57 j 2459038.89287 3.19 1.63 j 2459038.89287 3.19 1.63 j 2459038.84046 0.42 1.57 j 2459038.84046 0.42 1.57 j 2459072.87996 7.48 1.75 j 2459072.8344 11.61 1.67 j 2459038.84046 0.42 1.57 j 2459072.87996 7.48 1.75 j 2459077.88344 11.61 1.67 j <t< td=""><td>(JD)</td><td>(m s⁻¹)</td><td>(m s⁻¹)</td><td></td></t<>	(JD)	(m s ⁻¹)	(m s ⁻¹)	
2458918.06580 9.02 1.66 j 2458919.05511 0.60 1.53 j 2458999.89268 15.83 1.72 j 2458999.89268 15.83 1.72 j 2459002.92823 3.45 1.60 j 2459006.88414 -3.67 1.60 j 2459016.87492 -3.96 1.82 j 2459024.86927 -1.91 1.57 j 2459027.83837 -2.96 1.39 j 2459038.89287 3.19 1.63 j 2459034.85573 6.25 1.59 j 2459038.84046 0.42 1.57 j 2459071.93664 5.97 1.77 j 2459072.87996 7.48 1.75 j 2459077.88344 11.61 1.67 j 2459088.87543 0.78 1.61 j 2459098.87543 0.78 1.61 j 2459097.87403 -3.73 1.84 j	2458917.06227	4.82	1.78	j
2458919.05511 0.60 1.53 j 2458995.87585 6.04 1.93 j 2458999.89268 15.83 1.72 j 2459002.92823 3.45 1.60 j 2459006.88414 -3.67 1.60 j 2459016.87492 -3.96 1.82 j 2459024.86927 -1.91 1.57 j 2459030.89287 3.19 1.63 j 2459034.85573 6.25 1.59 j 2459038.84046 0.42 1.57 j 2459071.93664 5.97 1.77 j 2459072.87996 7.48 1.75 j 245908.87479 -8.95 2.27 j 245909.80766 0.02 1.63 j 2459092.80462 -6.71 1.61 j 2459097.87403 -3.73 1.84 j 2459117.75377 -1.51 1.57 j 2459118.76969 2.02 1.58 j	2458918.06580	9.02	1.66	j
2458995.87585 6.04 1.93 j 2458999.89268 15.83 1.72 j 2459002.92823 3.45 1.60 j 2459003.89134 0.80 1.56 j 2459013.87325 -3.05 1.66 j 2459016.87492 -3.96 1.82 j 2459027.83837 -2.96 1.39 j 2459030.89287 3.19 1.63 j 2459034.85573 6.25 1.59 j 2459038.84046 0.42 1.57 j 2459069.00985 5.46 2.56 j 2459071.93664 5.97 1.77 j 2459072.87996 7.48 1.75 j 2459078.8344 11.61 1.67 j 2459089.87543 0.78 1.61 j 2459090.80766 0.02 1.63 j 2459097.87403 -3.73 1.84 j 2459097.87403 -3.73 1.84 j	2458919.05511	0.60	1.53	j
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Note. — Only the first 50 of 99 RVs are displayed in this table. Use radvel table -t rv to save the full LATEX table as a separate file.



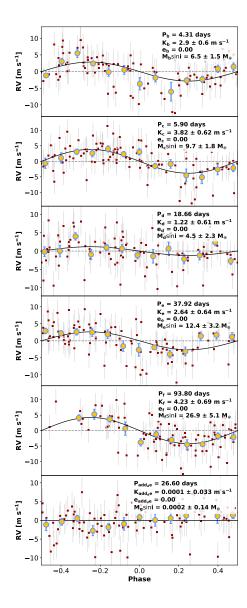


FIG. 1.— Best-fit 6-planet Keplerian orbital model for TOI-1246_add_de. The maximum likelihood model is plotted while the orbital parameters listed in Table 2 are the median values of the posterior distributions. The thin blue line is the best fit 6-planet model. We add in quadrature the RV jitter term(s) listed in Table 2 with the measurement uncertainties for all RVs. b) Residuals to the best fit 6-planet model. c) RVs phase-folded to the ephemeris of planet b. The Keplerian orbital models for all other planets (if any) have been subtracted. The small point colors and symbols are the same as in panel a. Red circles (if present) are the same velocities binned in 0.08 units of orbital phase. The phase-folded model for planet b is shown as the blue line.

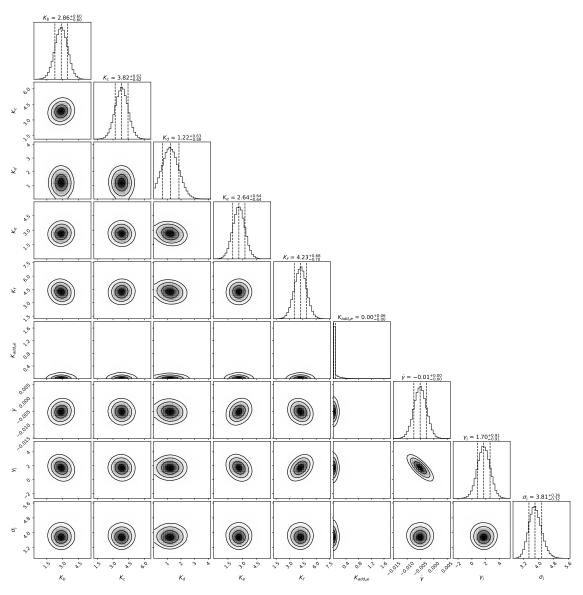


Fig. 2.— Posterior distributions for all free parameters.

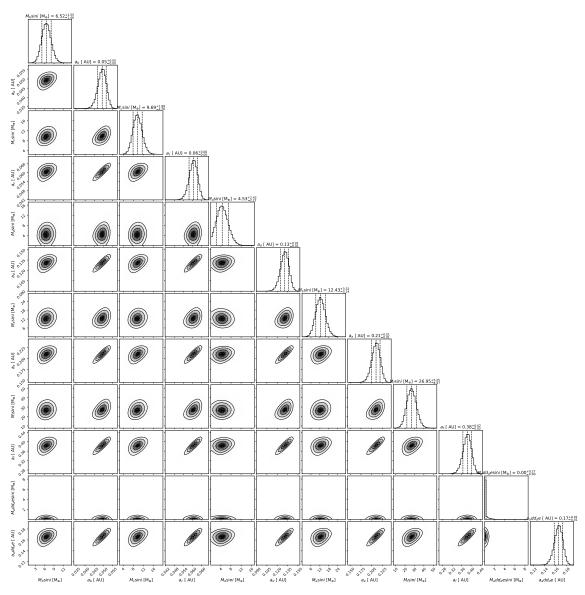


Fig. 3.— Posterior distributions for all derived parameters.