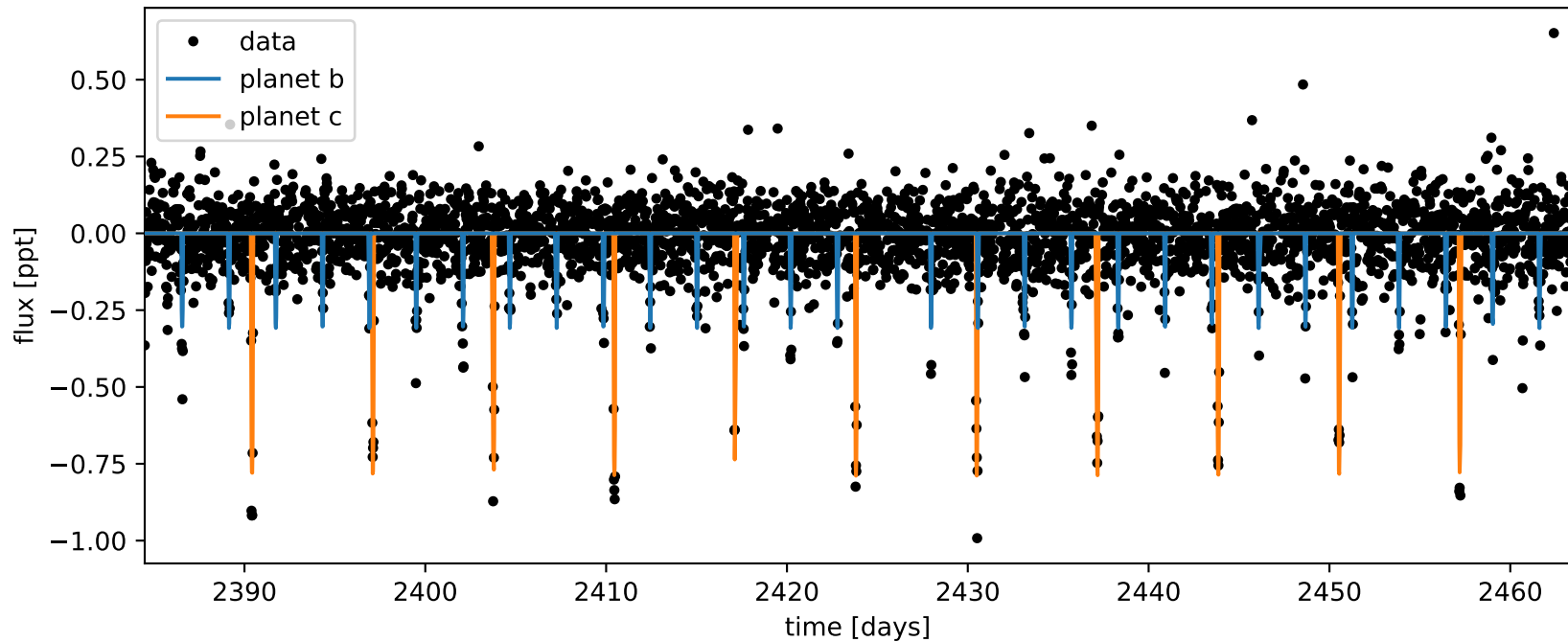
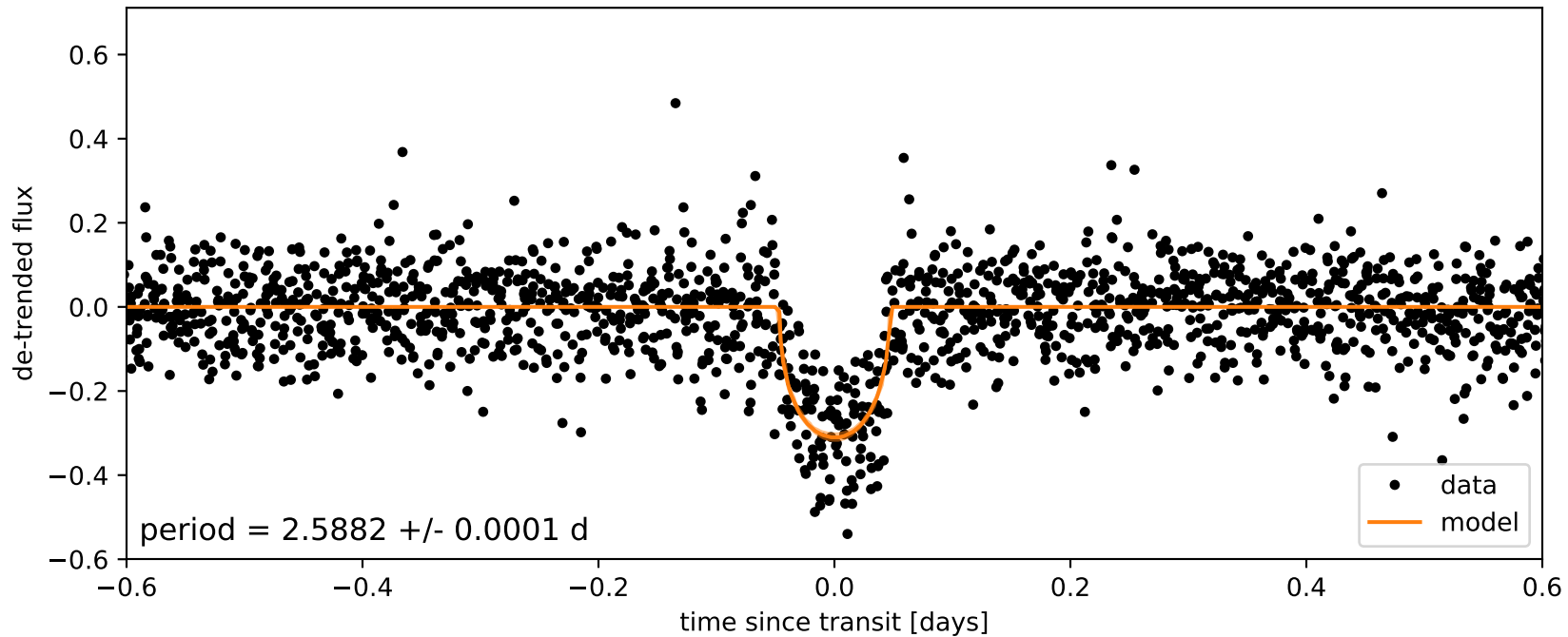


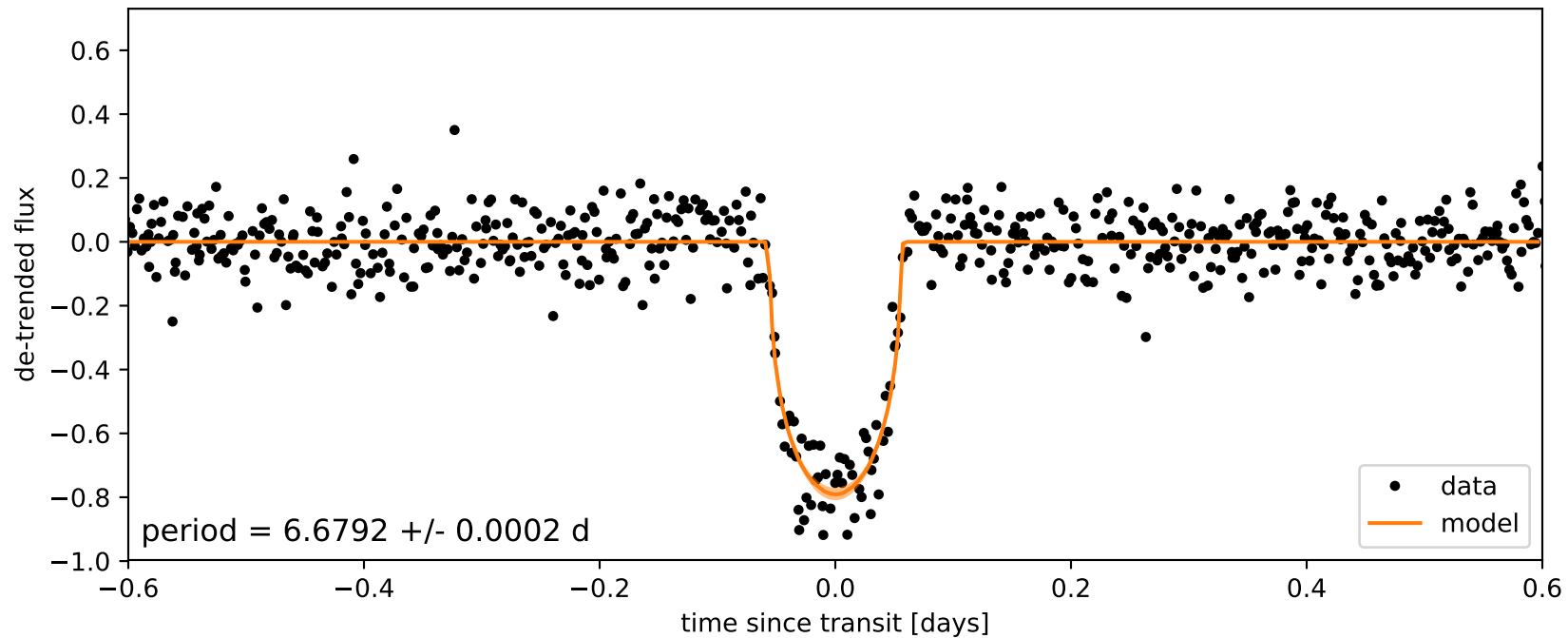
initial fit



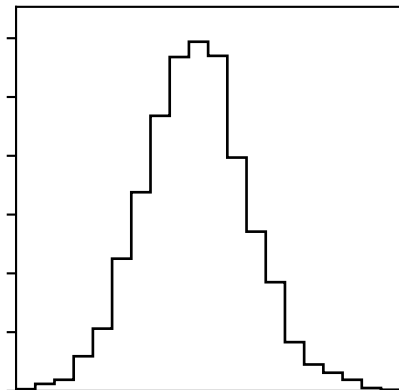
K2-189 b



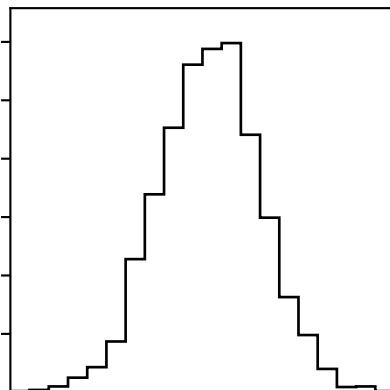
K2-189 c



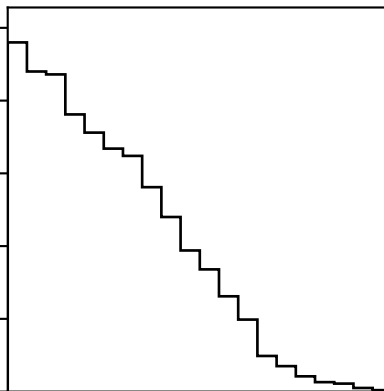
$$R_{\text{Pl},b} [R_{\oplus}] = 0.01^{+0.00}_{-0.00}$$



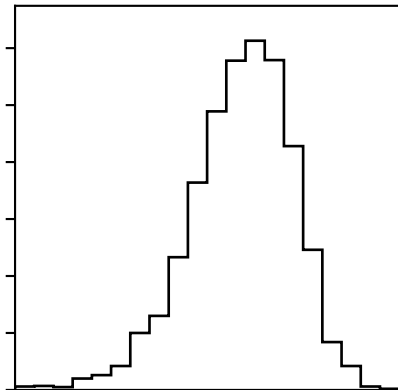
$$R_{\text{Pl},c} [R_{\oplus}] = 0.02^{+0.00}_{-0.00}$$



$$\text{impact param } b = 0.10^{+0.10}_{-0.07}$$

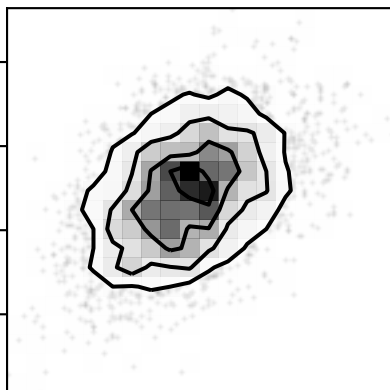


$$\text{impact param } c = 0.49^{+0.03}_{-0.04}$$



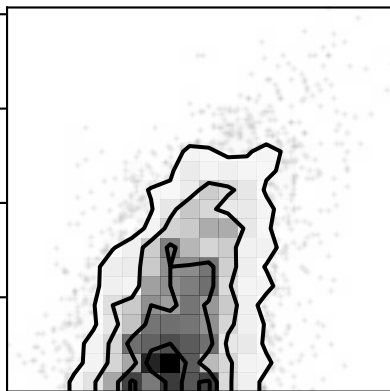
$R_{\text{Pl},c} [R_{\oplus}]$

0.0232
0.0224
0.0216
0.0208



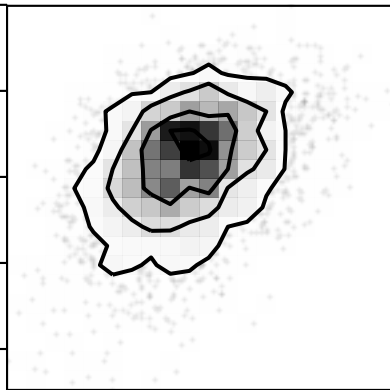
impact param b

0.4
0.3
0.2
0.1



impact param c

0.60
0.54
0.48
0.42
0.36



0.0125 0.0130 0.0135 0.0140

$R_{\text{Pl},b} [R_{\oplus}]$

0.0208 0.0216 0.0224 0.0232

$R_{\text{Pl},c} [R_{\oplus}]$

0.1 0.2 0.3 0.4

impact param b

0.36 0.42 0.48 0.54 0.60

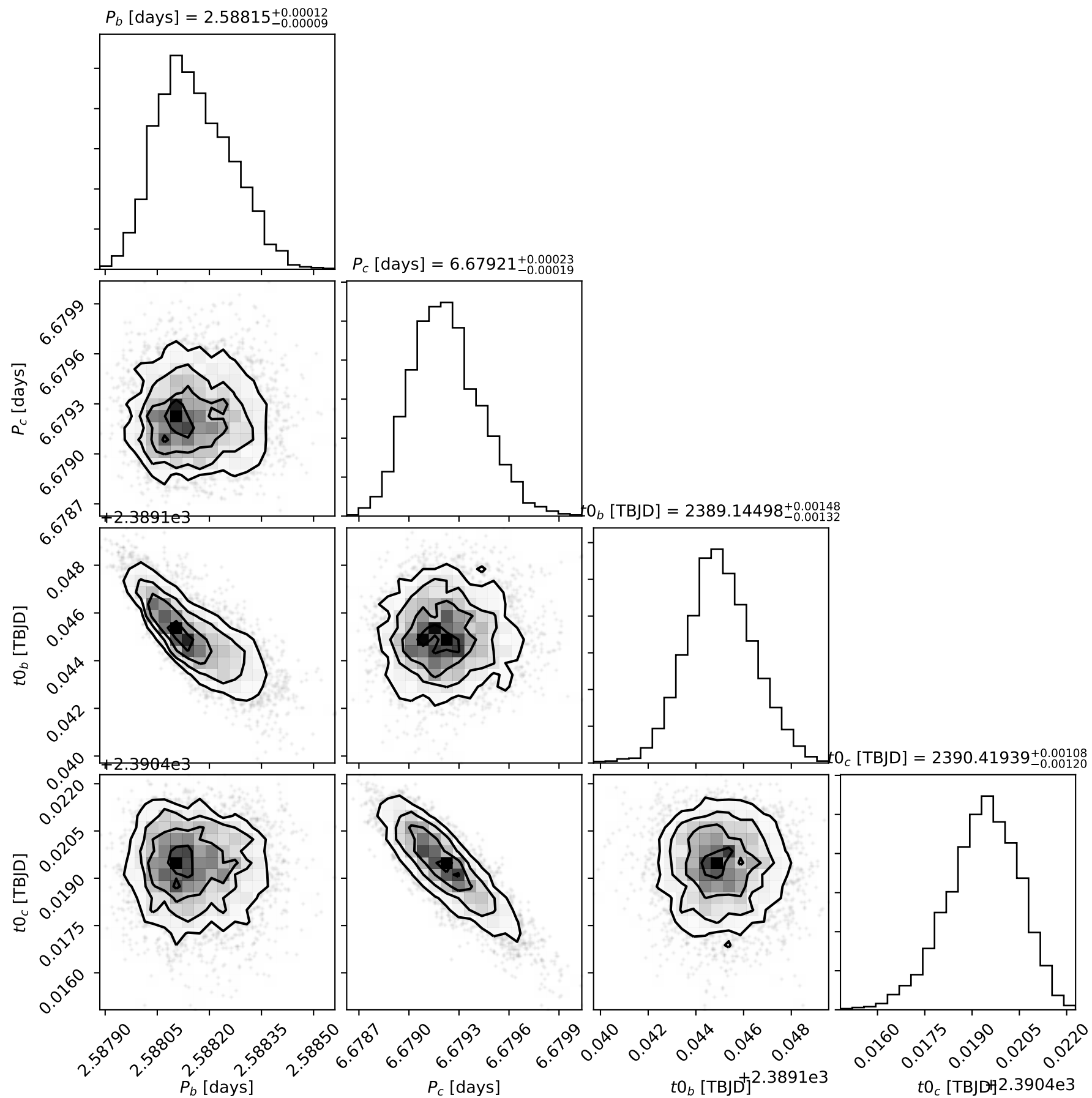
impact param c

P_b [days] = $2.58815^{+0.00012}_{-0.00009}$

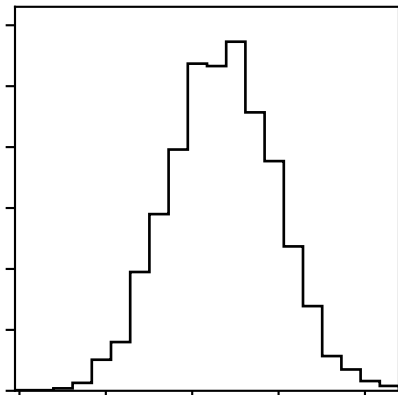
P_c [days] = $6.67921^{+0.00023}_{-0.00019}$

t_{0b} [TBJD] = $2389.14498^{+0.00148}_{-0.00132}$

t_{0c} [TBJD] = $2390.41939^{+0.00108}_{-0.00120}$



$$R_{\text{star}} [R_{\odot}] = 0.88^{+0.01}_{-0.01}$$



$$M_{\text{star}} = 0.93^{+0.03}_{-0.03}$$

