input and posterior parameters
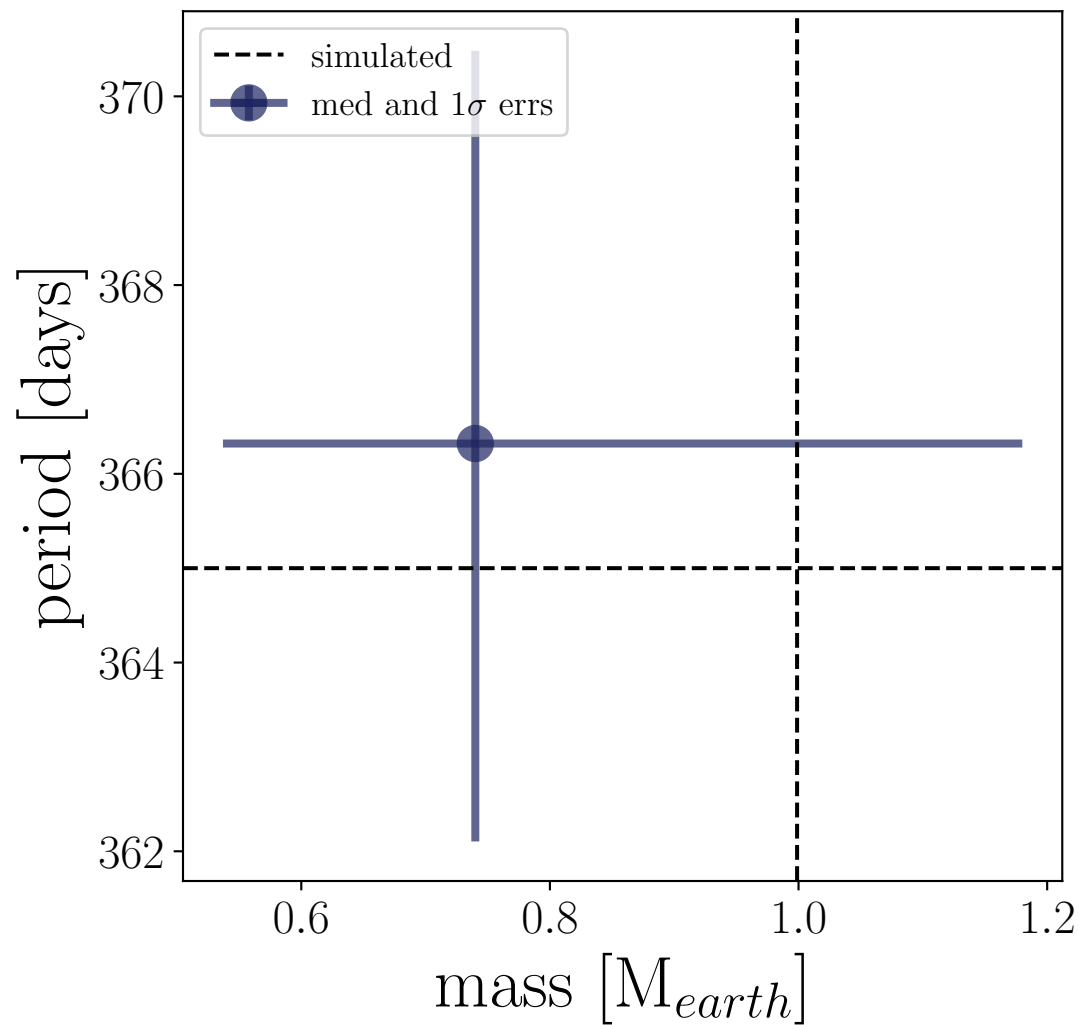
param	truth	MCMC med +/- 1σ
period	365.0	366.321 (+4.162 -4.217)
ecc	0.017	0.147 (+0.159 -0.101)
T_{per}	100.0	20.13 (+101.825 -125.114)
ω	1.796	-0.045 (+2.425 -2.274)
Ω	0.0	0.069 (+2.033 -1.929)
inc	0.785	1.032 (+0.372 -0.474)
mass	0.999	0.74 (+0.44 -0.203)