

# AST 381, HW 4

Chun-Yi Wu

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•	$-\sigma$	median	$+\sigma$
$t_0 - 2450000$	2853.06566990733	2853.07314048728	2853.08042829614
$P$ [day]	3.52465765366727	3.52468468589338	3.52471150306524
$M_2 \sin i [M_{Jup}]$	0.675930279625688	0.681384162438272	0.681651779379315

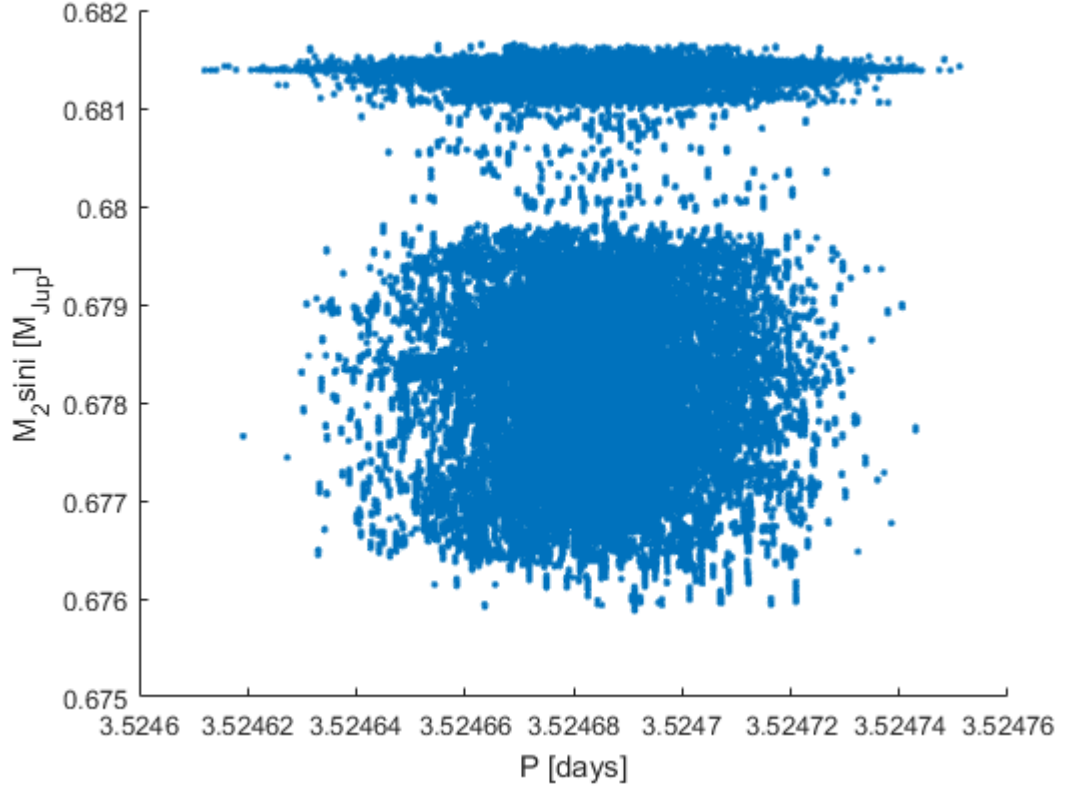


Figure 1: Period vs.  $M_2 \sin i$

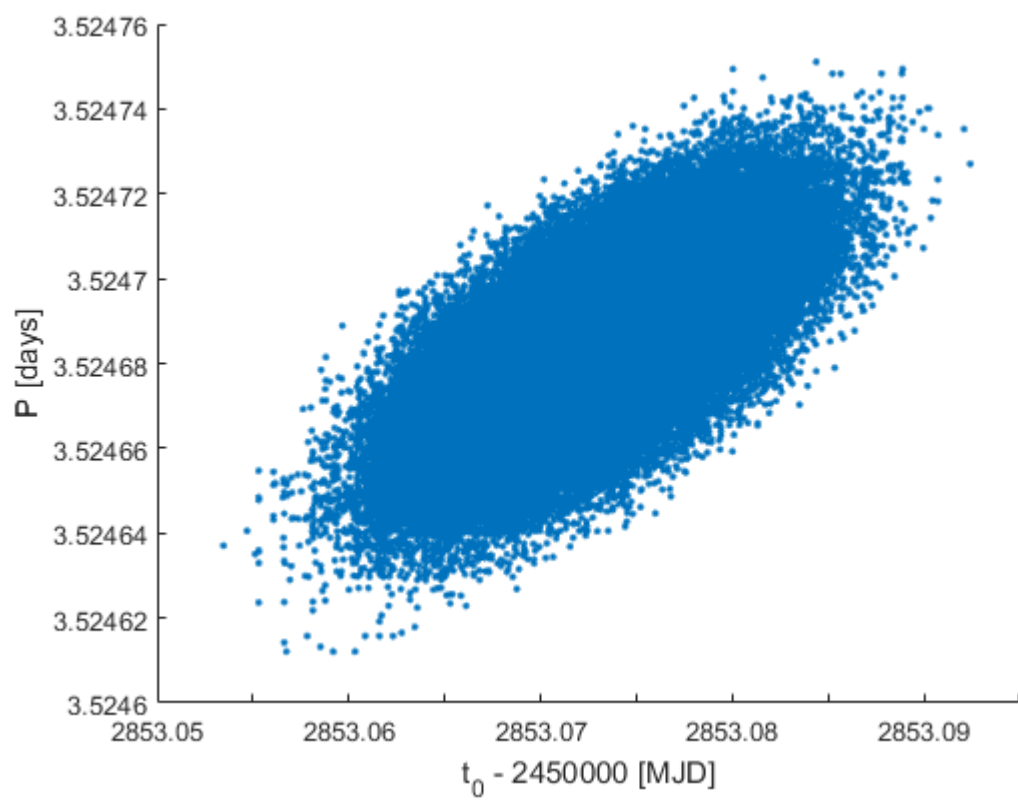


Figure 2:  $t_0$  vs. Period

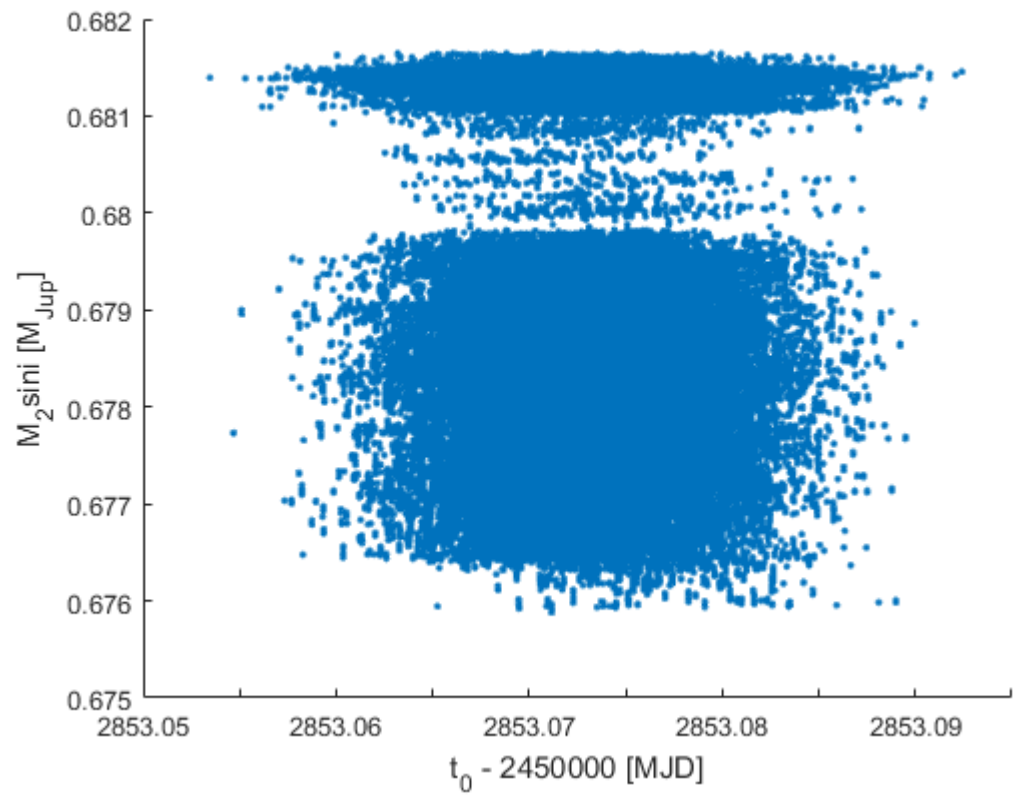


Figure 3:  $t_0$  vs.  $M_2 \sin i$

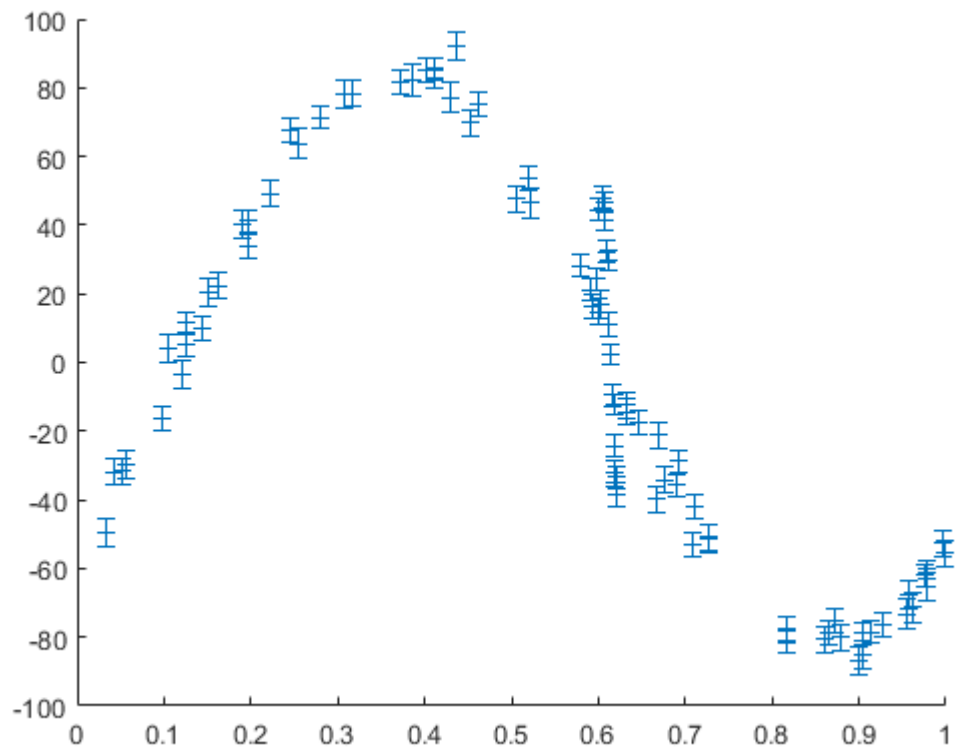


Figure 4: phased RV curve