Gold Sample: Inferred Orbital Properties surface gravity, $\log g$ 0.8 eccentricity, 0.0 0.2 10^{3} 10^{3} 10^{4} 10^{4} period, P[d]period, P[d]0.2 0.6 0.8 0.0 0.4 1.0 $\log g$