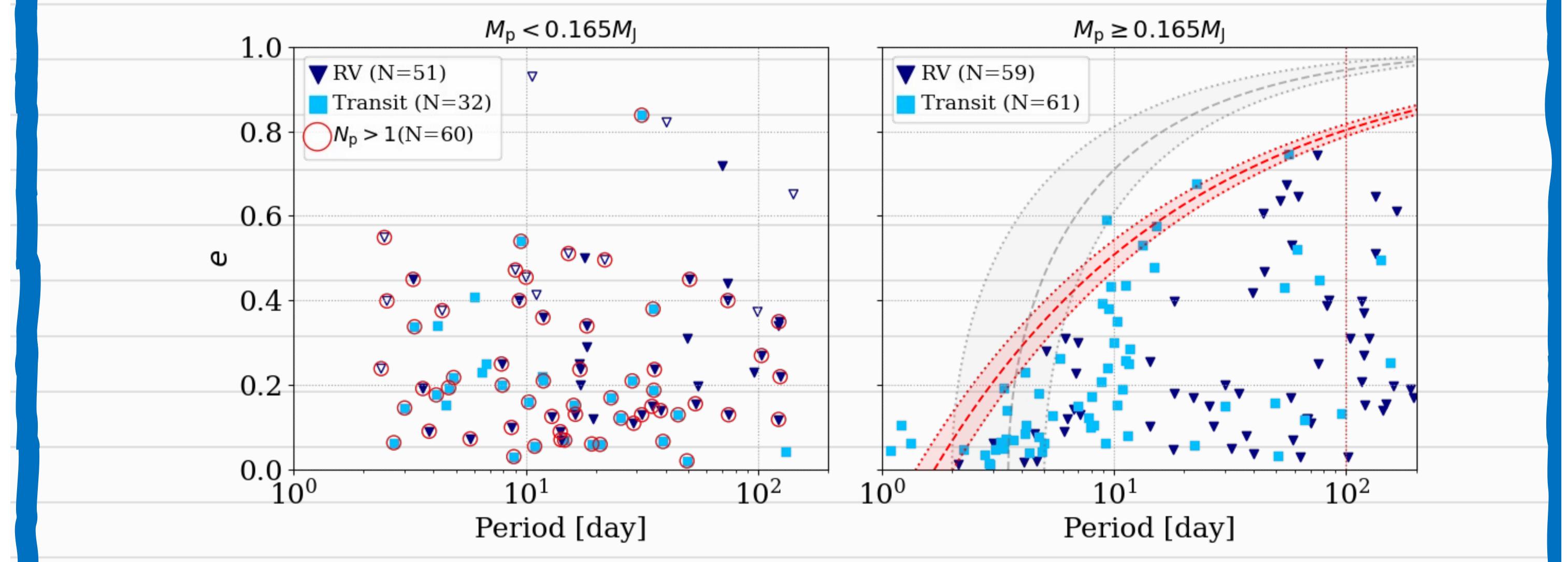


(1)	An upper envelope and a
By separating the PEP diagrams for low-mass and high-	missing upper envelope?
mass planets, we find that while the orbits of the high-mass	(2)
planets display a clear upper envelope, the orbits of low-	We confirm that the striking difference between the two
mass planets display a flat eccentricity distribution with	PEPs is not due to the detection technique used (triangles
almost no dependence on the orbital period.	and squares represent planets discovered by transit and RV
(3)	methods).
The red dashed line in the giant-planet diagram marks	
our upper-envelope best-fit model, based on planets with	We mark the expected constant angular momentum
an orbital period shorter than 100 days, marked by a	evolutionary tack by a grey dashed line, assuming a scenario
vertical dotted line. The red area marks the transition	of a high-eccentricity migration (HEM) ending up with the
region along the annualone	typical orbital periods of bot Jupiters

region along the envelope.

typical orbital periods of not jupiters.



High-mass planets exhibit a monotonic upper envelope, indicating tidal circularisation, while

