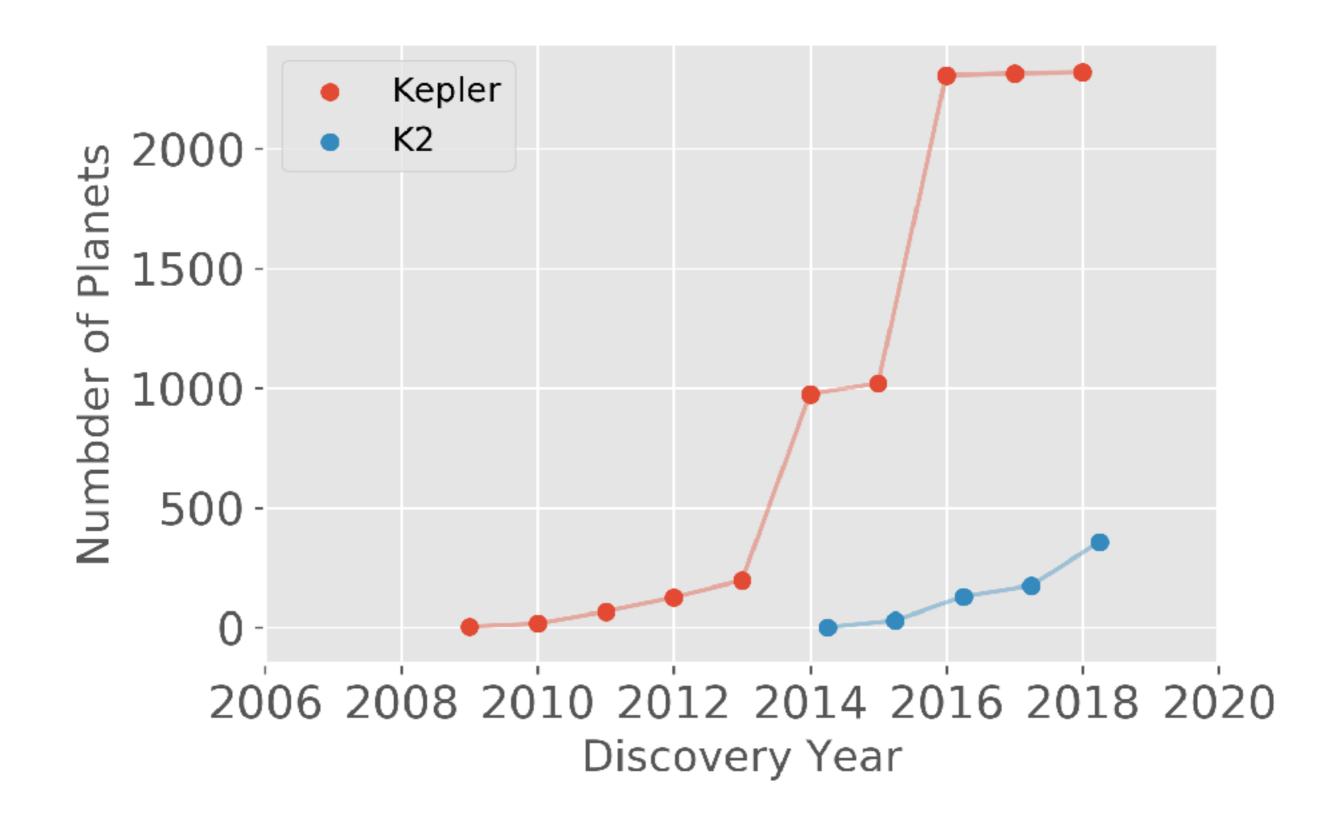
Are there any more planets in the Kepler / K2 dataset?

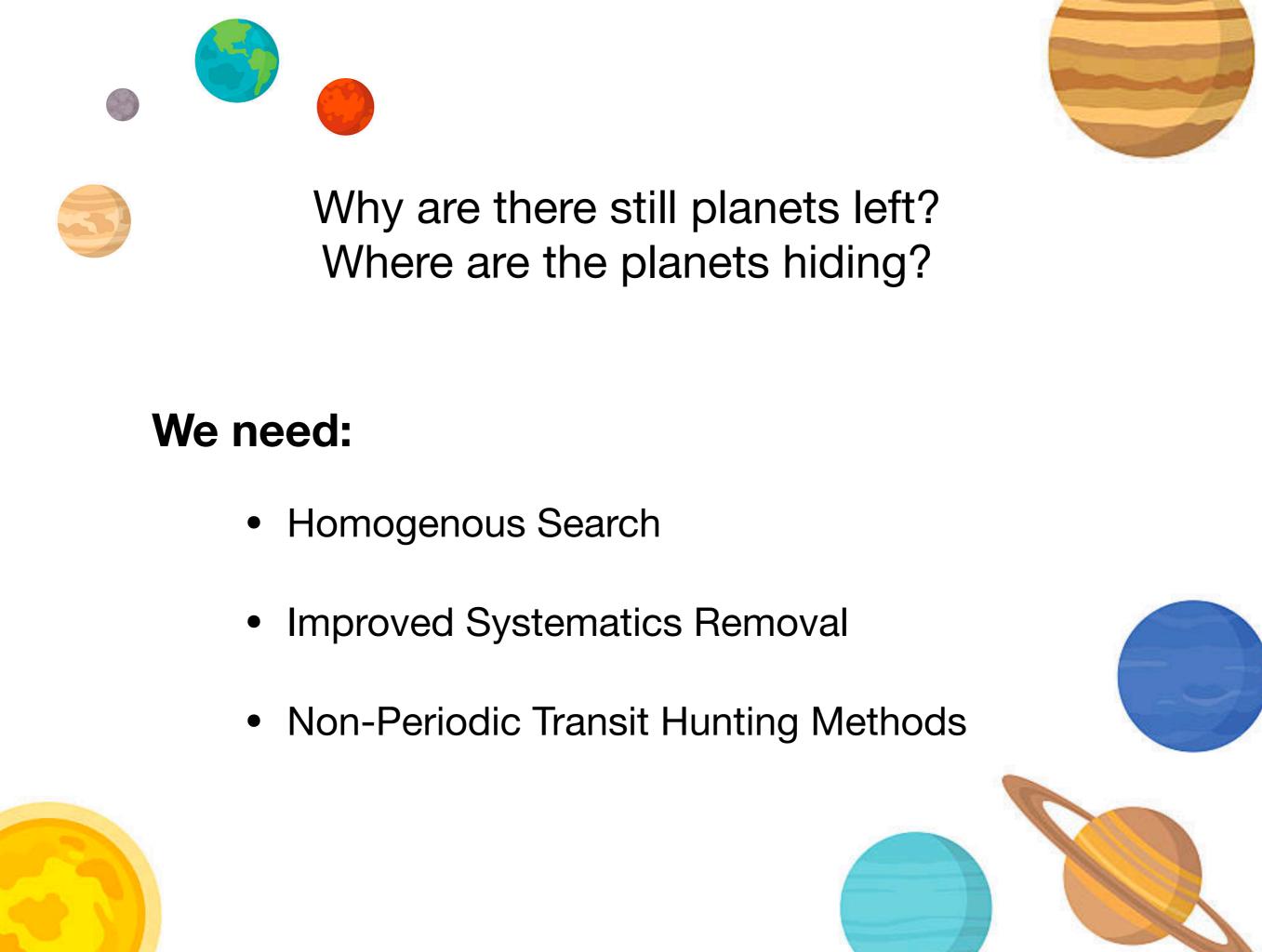
TL;DR: Yes.

Kepler will provide one of the best data set for small planets around sunlike stars on long period orbits for decades to come

The Kepler planet catalog will be the most complete to understand	ď
underlying populations, which is vital for future mission design	

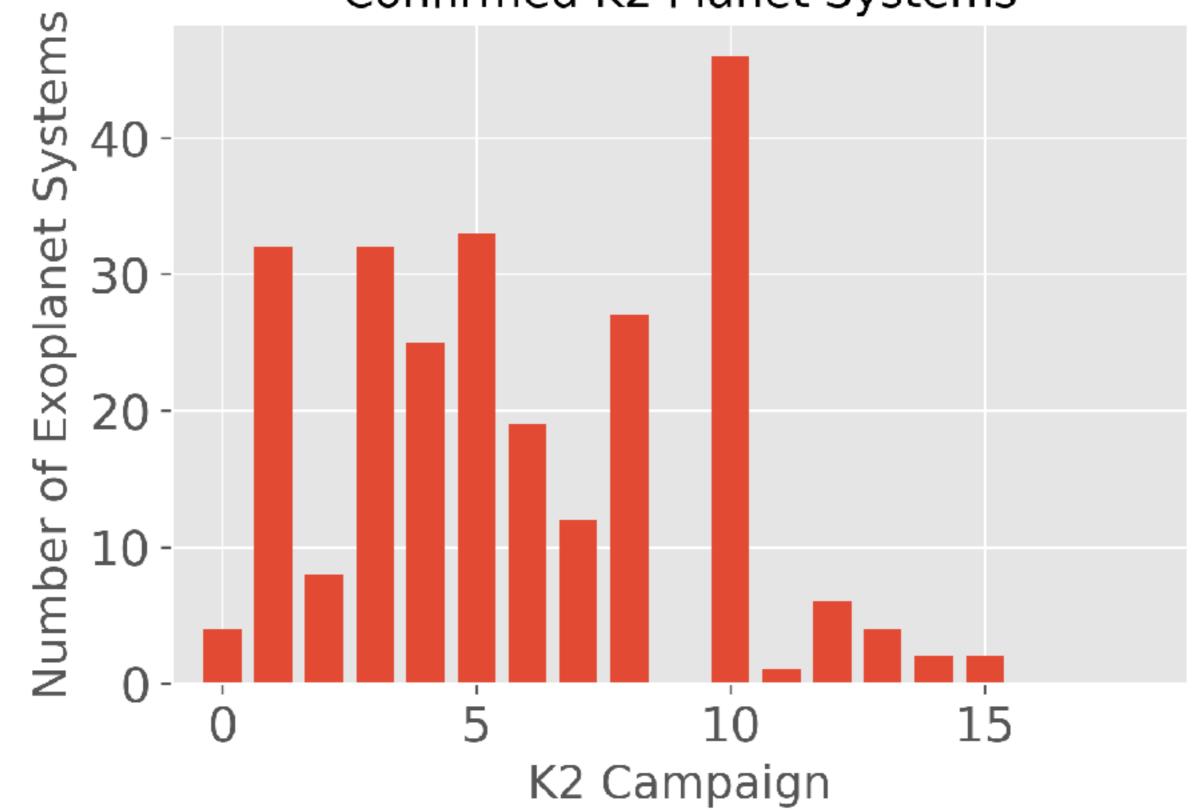




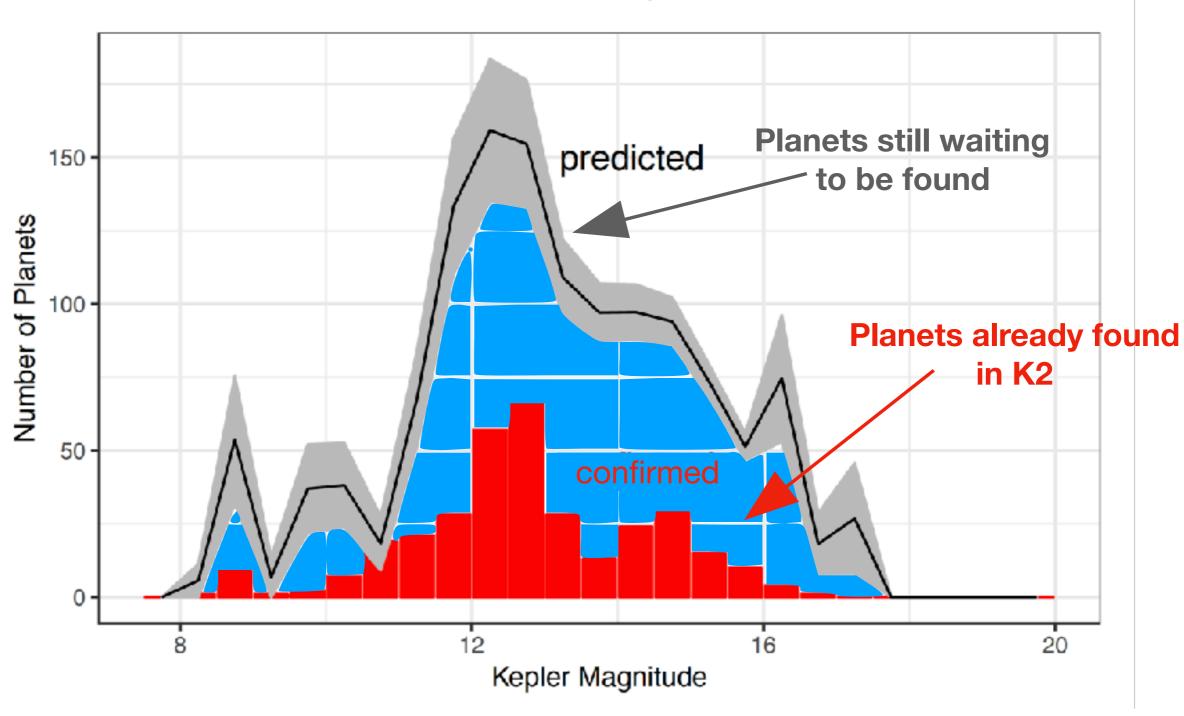


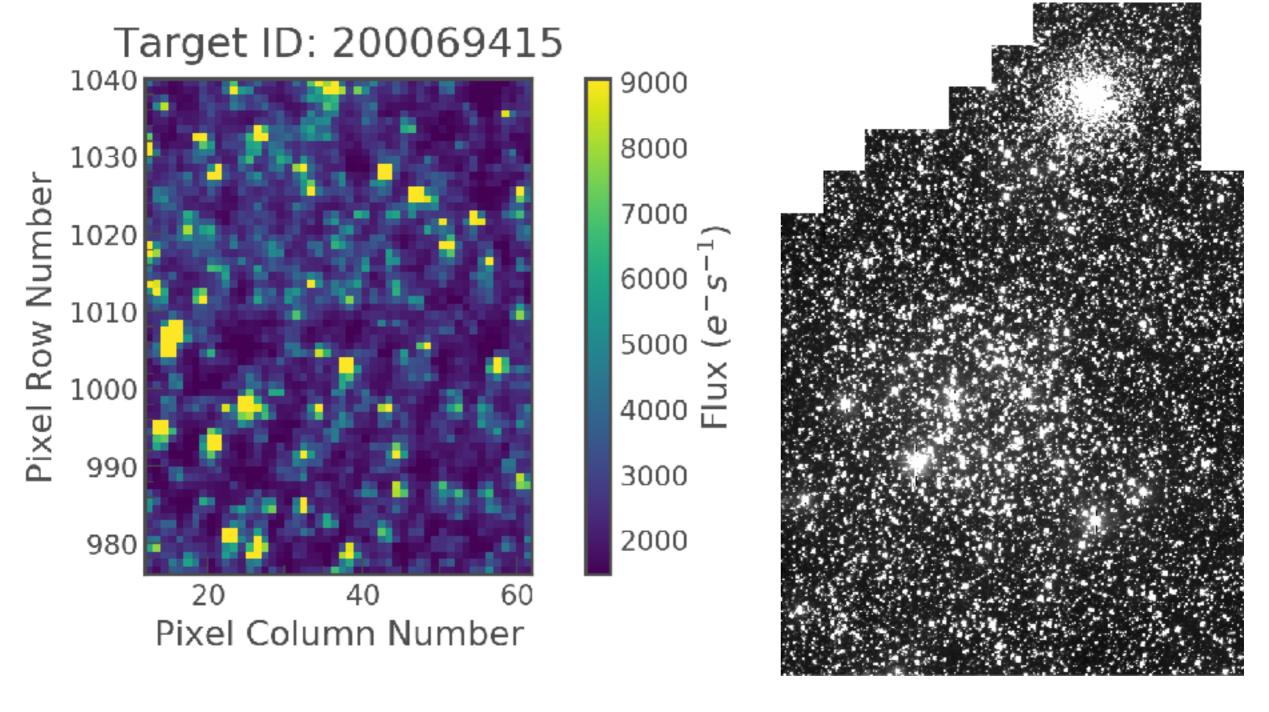
A homogenous search of the final K2 dataset will provide more planets.

Confirmed K2 Planet Systems



100's of planets waiting to be found!

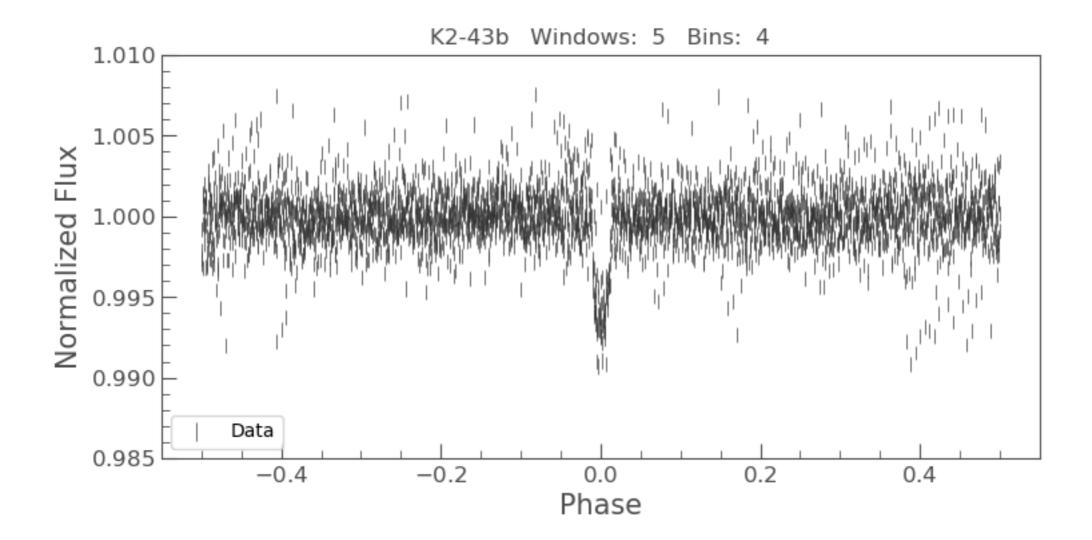


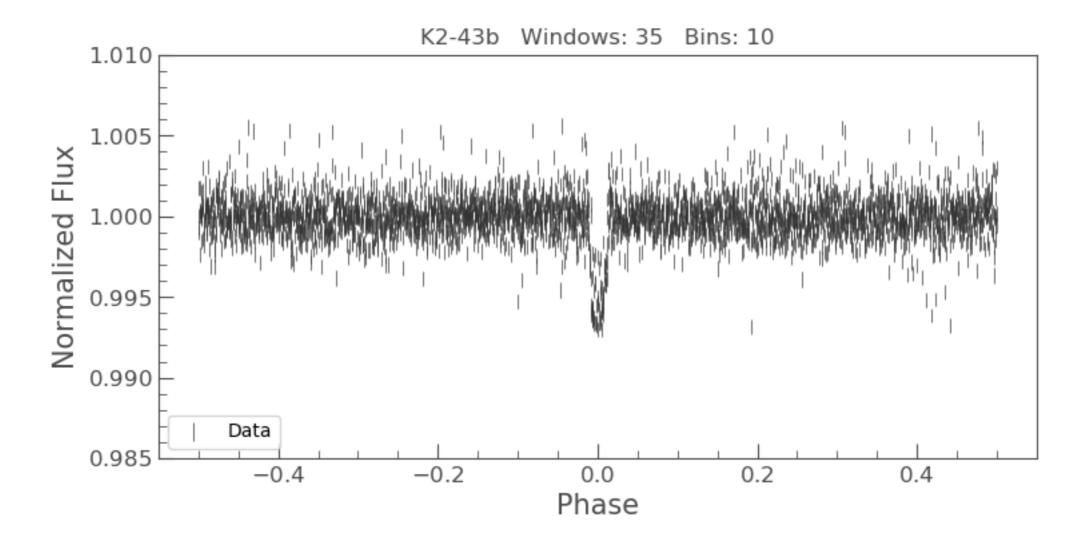


Campaign 9, Crowded TPF

K2 SUPERSTAMP Cody 2019

Improved **systematics removal** will provide more planets





lightkurve

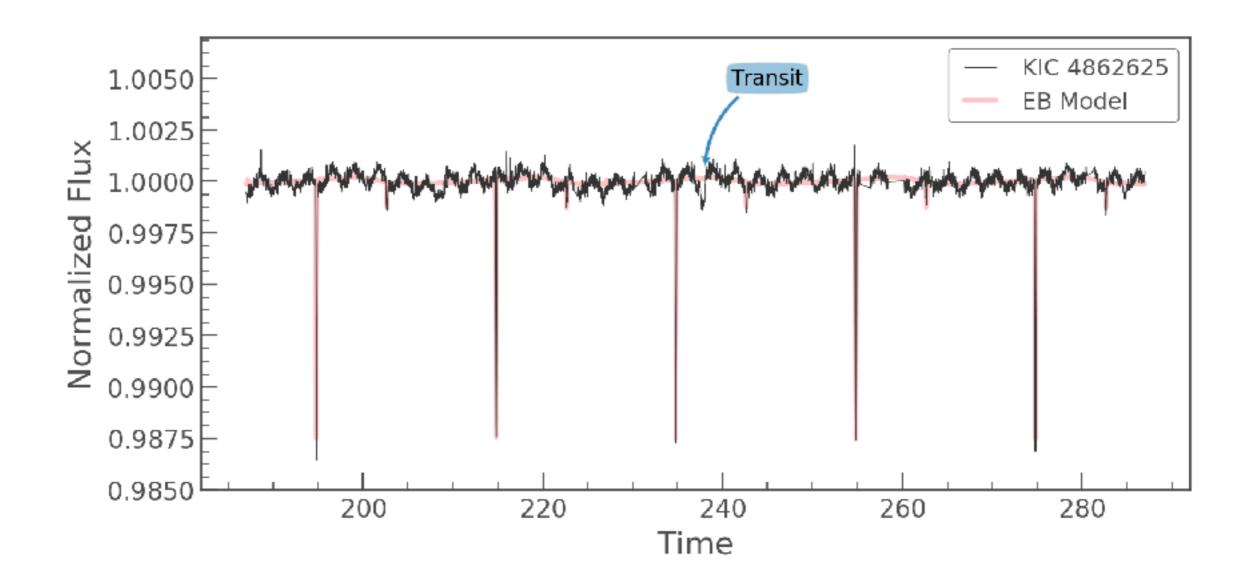
from astropy.stats import bls

exoplanet



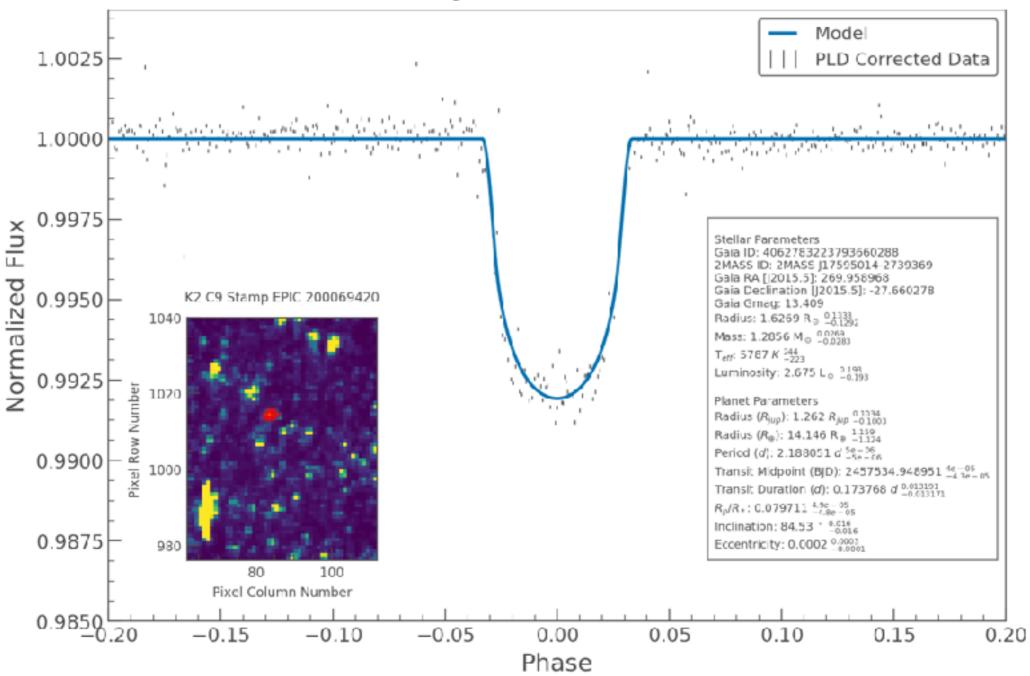


New **planet hunting** methods will help us to find new, more complex systems



But are there **really** any more planets?

2MASS J17595014-2739369b



Transiting Planet Candidates in NGC 6791

Benjamin T. Montet,^{1,*} José Vinícius de Miranda Cardoso,^{2,3} Megan E. Bedell,⁴ Geert Barentsen,^{3,5} Ann Marie Cody,^{3,5} Christina Hedges,^{3,5} Guadalupe Tovar,⁶ Rachael Amaro,⁷ and Daniel Scolnic⁸

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