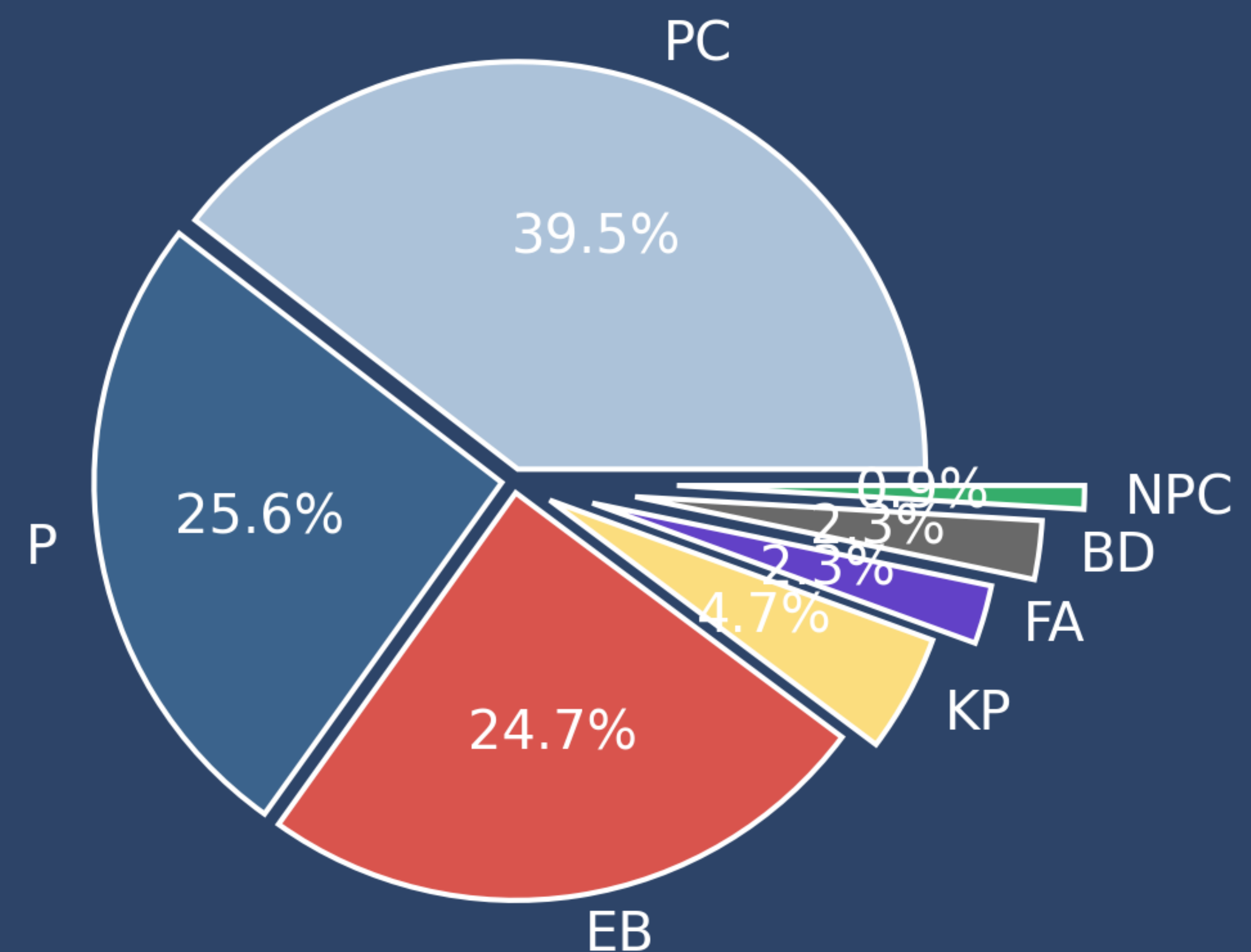
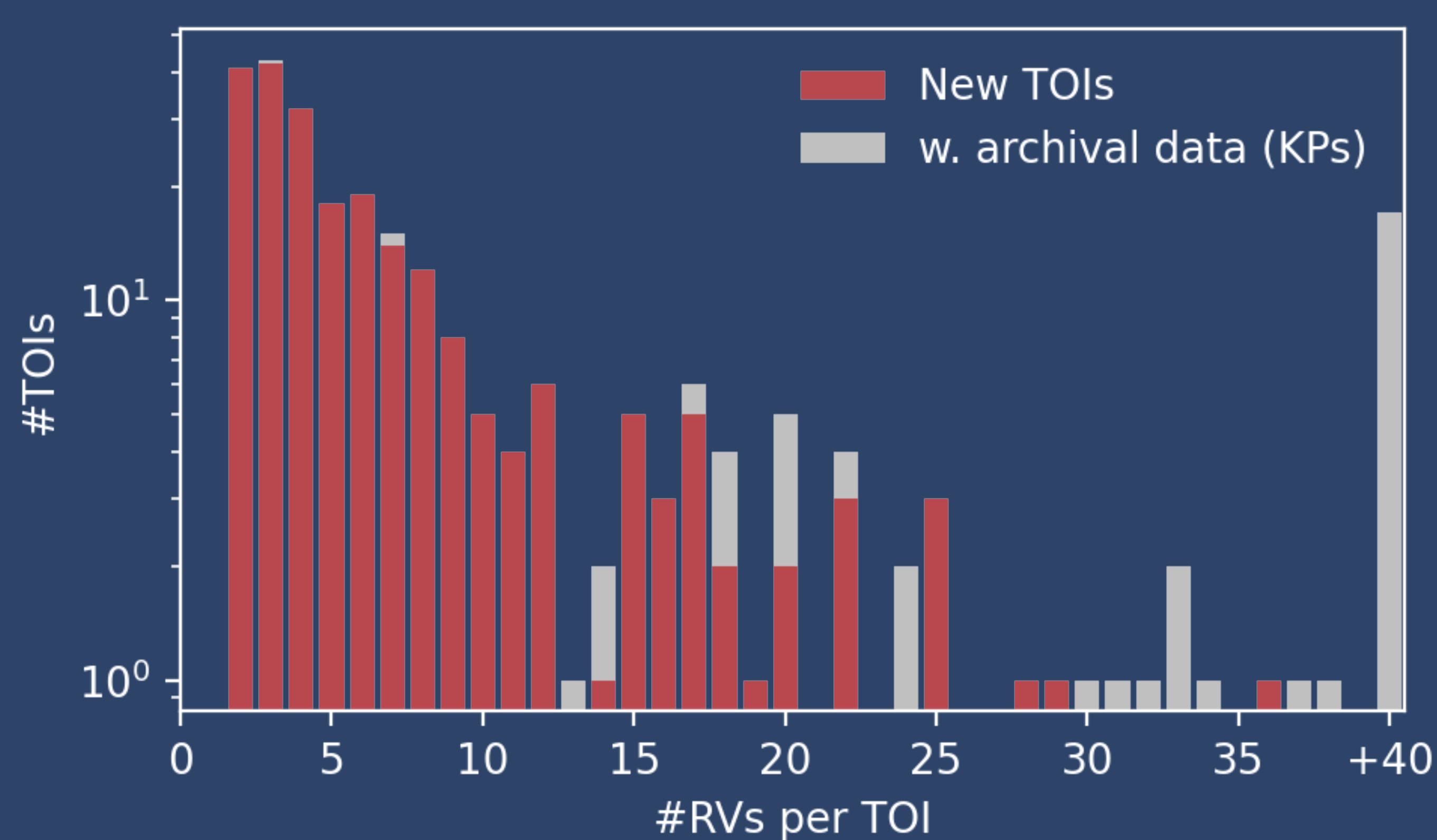


Spectroscopic vetting of TESS planet candidates with CORALIE on the Swiss 1.2m Euler telescope

230 TOIs observed

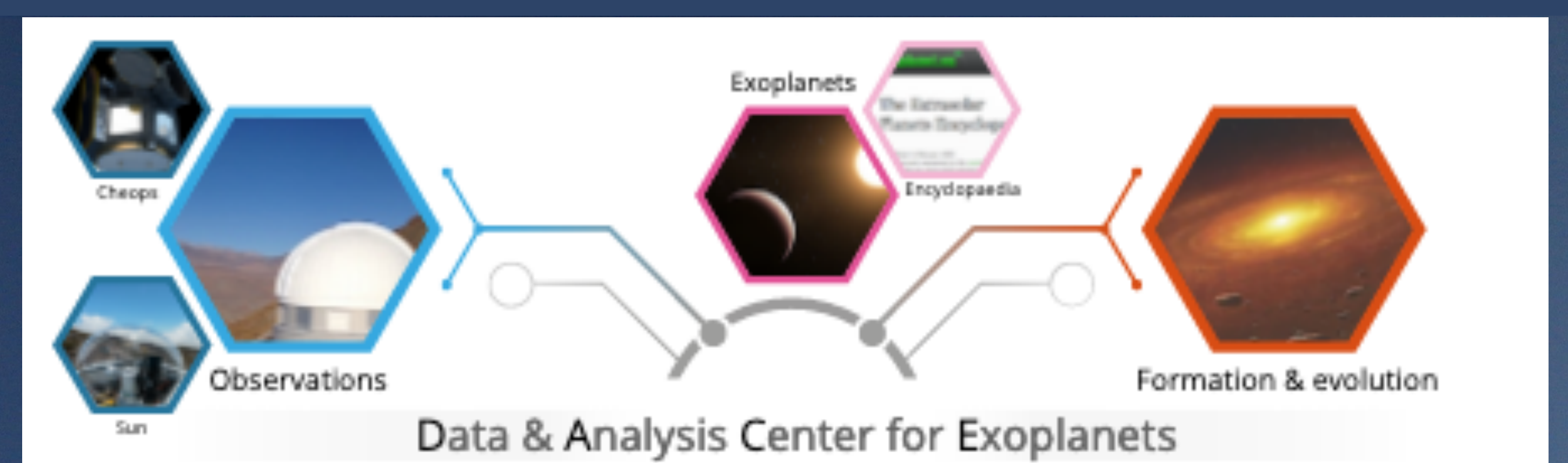
Since the start of TESS science operations in July 2018, CORALIE has obtained **1336 spectra of 230 TOIs**. Our routine vetting procedure includes checking for spectral binarity, RV variation, and assessing amenability for (E)PRV follow-up. Pie chart on the right show the distribution of current disposition observed with CORALIE →

Additionally, 38 TOIs have archival data (1749 spectra in total) of which most are previously known planets (KPs) from the WASP survey.



Publicly available data

Our data are made publicly available on through the Data & Analysis Centre for Exoplanets (**DACE**) which is a PlanetS web-platform located at the University of Geneva (CH): <https://dace.unige.ch> Data products include radial velocities, extracted spectra and cross-correlation functions.



CORALIE in a nutshell

- 3 m/s RV precision on bright stars
- Based in La Silla, Chile
- Part of TFOP, making data publicly available

Wide range of science cases:

short period giants ([Nielsen+2020a](#)), longer periods (>10 days, [Nielsen+2019](#), Ulmer-Moll in prep), brown dwarfs & EBLMs ([Grieves+2021](#)), vetting of small planet candidates ([Nielsen+2020b](#)), etc.

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