7/13/2015 SSW

Catanzarite, Joseph Automatic Classification of Kepler Planet Candidates (POP)

The autovetter classifies each TCE (threshold crossing events) into one of three classes: PC (planet candidate), AFP (astrophysical false positive), and NTP (non-transiting phenomenon). For each TCE, posterior probabilities to be a member of each of the three classes are also provided. The PC posterior probability is a measure of our confidence in a PC classification.