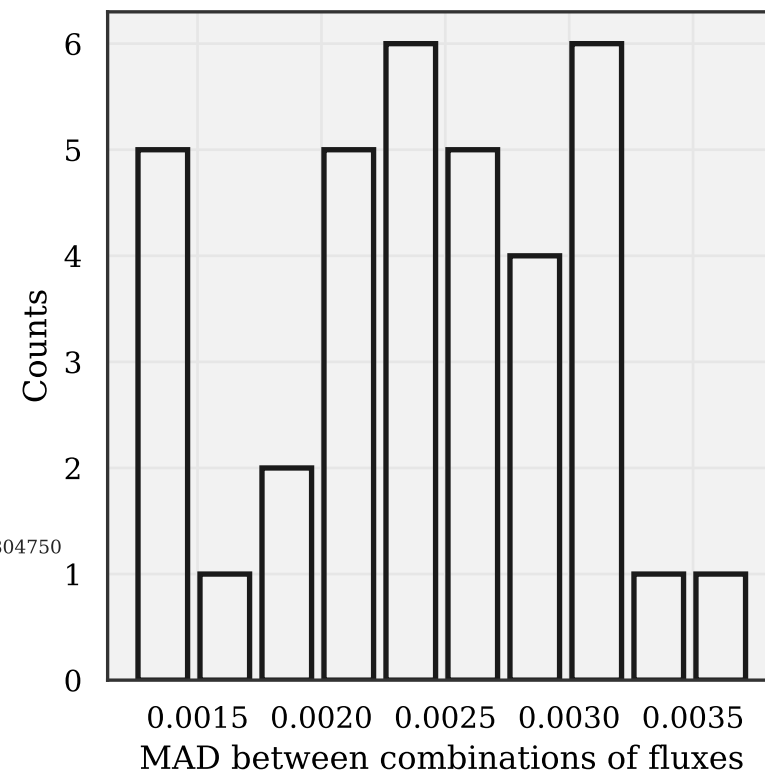
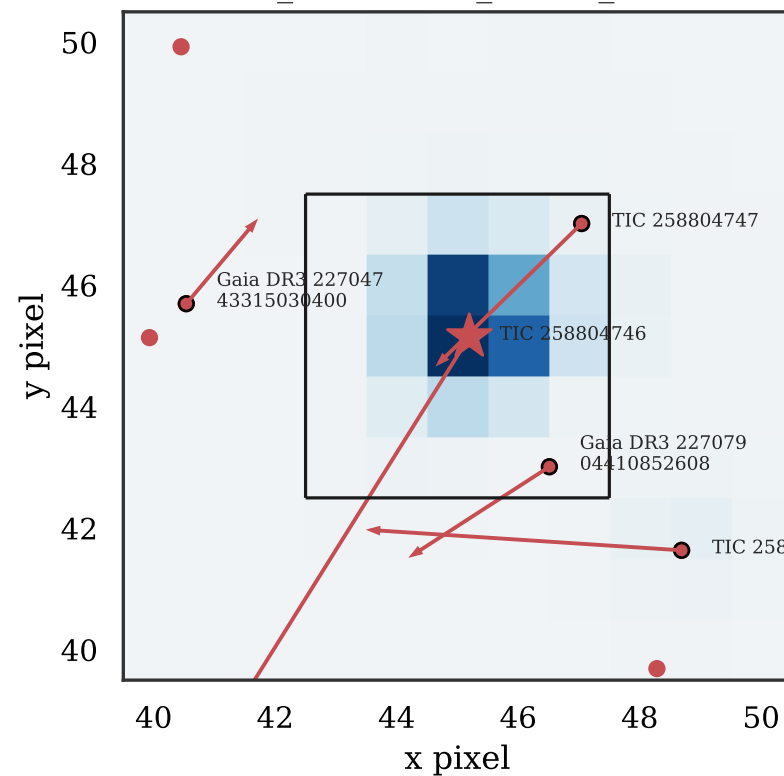


TIC_258804746_Sector_0042



Gaia DR3 22707874346819712

- ←← TESS SPOC FFI and TIC/Gaia stars with proper motions.
Arrows show Gaia proper motion after 3000 years.
- ← Histogram of the MADs between 3*3 pixel fluxes.
- ↓ Fluxes of each pixels after contaminations are removed.
The fluxes are normalized and detrended. The background color shows the pixel brightness after the decontamination.

How to interpret these plots:

If the signals you are interested in (i.e. transits, eclipses, variable stars) show similar amplitudes in all (especially the center 3*3) pixels, then the star is likely to be the source. The median absolute differences (MADs) taken between all combinations of the center pixel fluxes are shown in the histogram for a quantitative comparison to other possible sources. The star with smaller distribution width (IQR or STD) is more likely to be the source of the signal.

Interquartile Range (IQR): 0.000786

Standard Deviation: 0.000605

