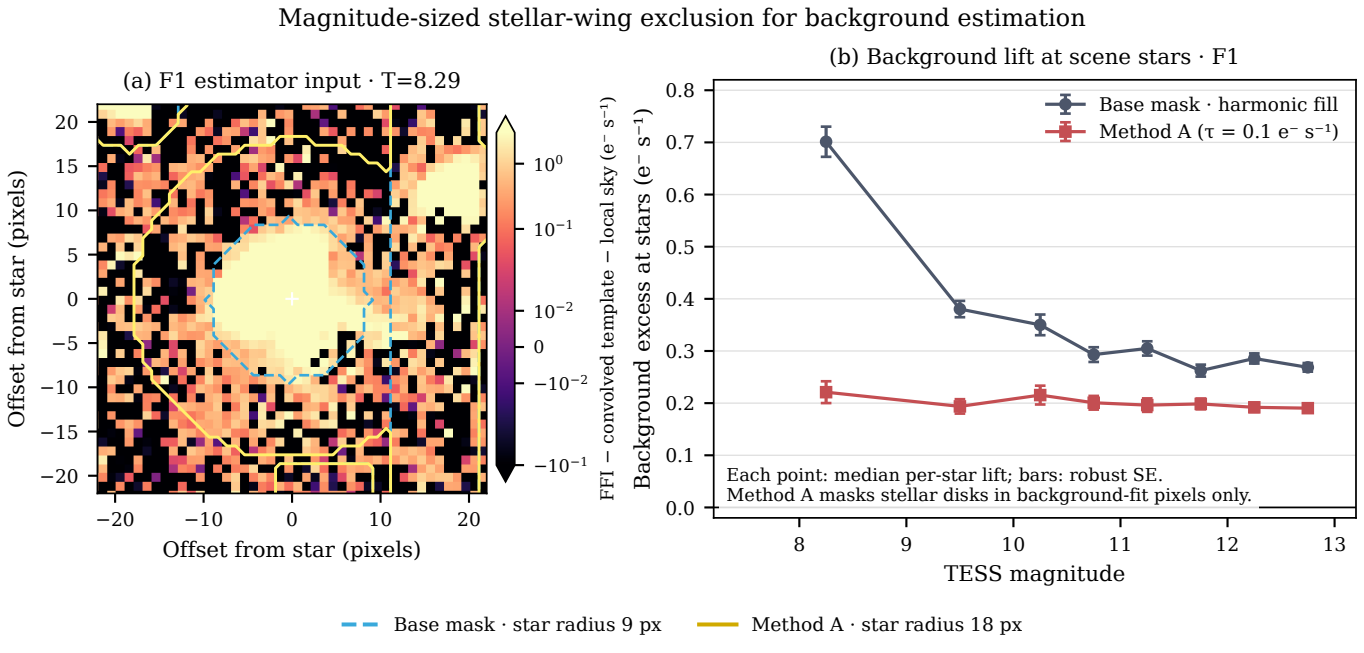

Magnitude-sized stellar-wing exclusion for background estimation
(a) F1 estimator input · T=8.29
Offset from star (pixels)
Offset from star (pixels)
FFI − convolved template − local sky (e⁻ s⁻¹)
(b) Background lift at scene stars · F1
Base mask · harmonic fill
Method A (τ = 0.1 e⁻ s⁻¹)
Background excess at stars (e⁻ s⁻¹)
TESS magnitude
Each point: median per-star lift; bars: robust SE.
Method A masks stellar disks in background-fit pixels only.
Base mask · star radius 9 px
Method A · star radius 18 px