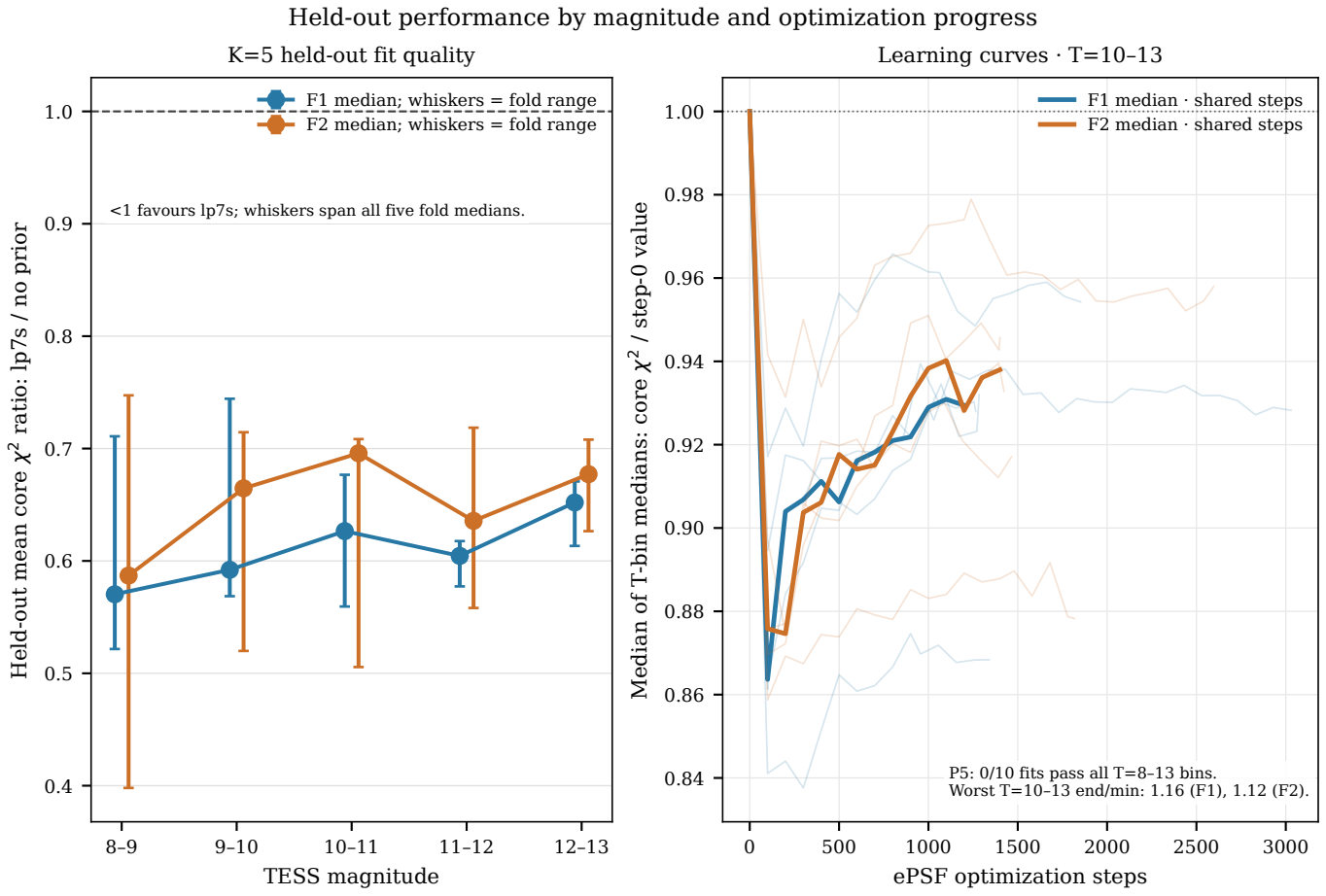

Held-out performance by magnitude and optimization progress
K=5 held-out fit quality
F1 median; whiskers = fold range
F2 median; whiskers = fold range
<1 favours lp7s; whiskers span all five fold medians.
Held-out mean core χ^2 ratio: lp7s / no prior
1.0
0.9
0.8
0.7
0.6
0.5
0.4
8–9
9–10
10–11
11–12
12–13
TESS magnitude
Learning curves · T=10–13
F1 median · shared steps
F2 median · shared steps
Median of T-bin medians: core χ^2 / step-0 value
1.00
0.98
0.96
0.94
0.92
0.90
0.88
0.86
0.84
P5: 0/10 fits pass all T=8–13 bins.
Worst T=10–13 end/min: 1.16 (F1), 1.12 (F2).
0
500
1000
1500
2000
2500
3000
ePSF optimization steps