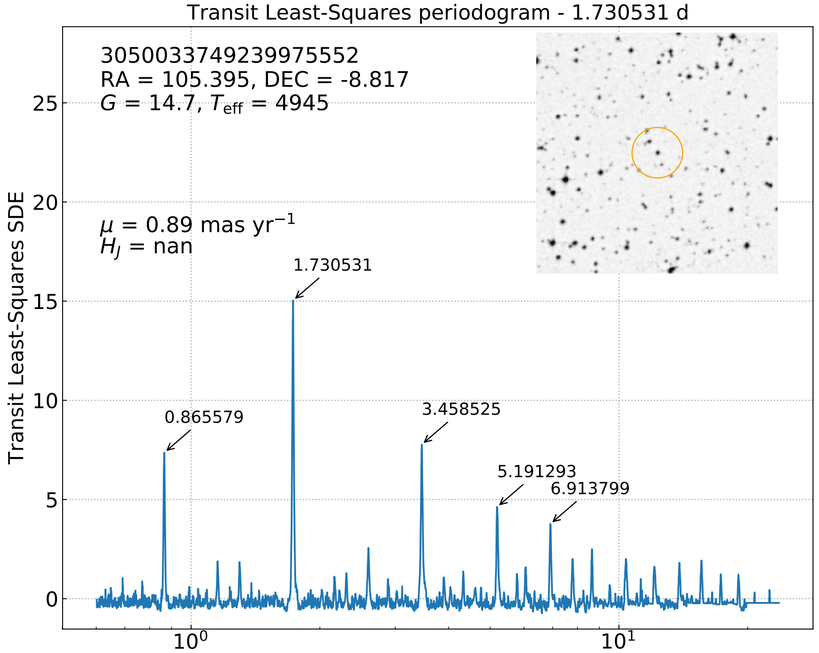
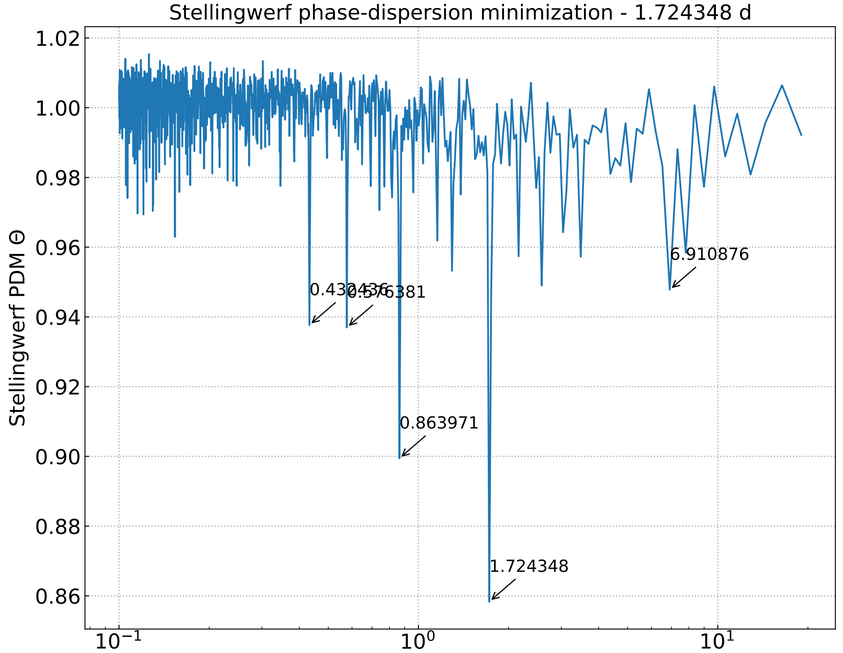
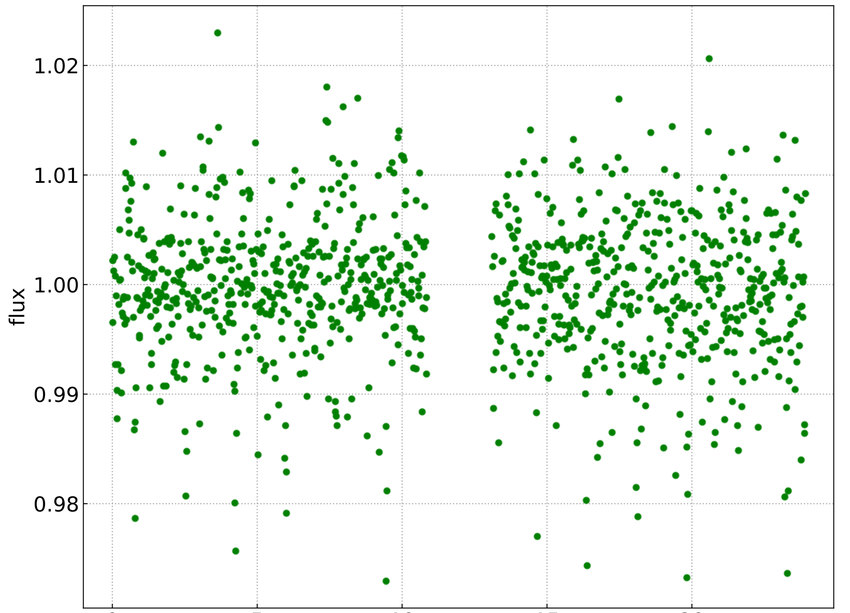
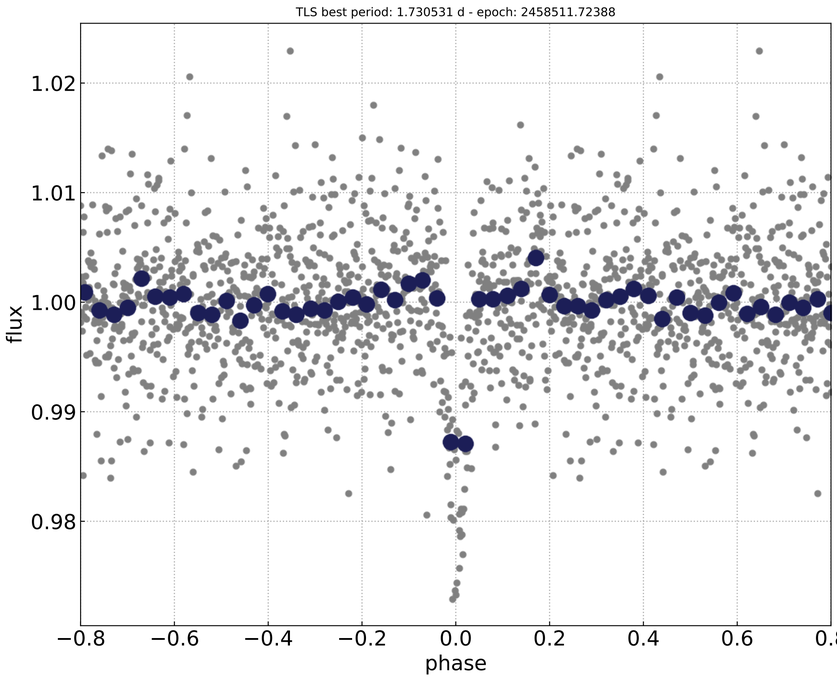
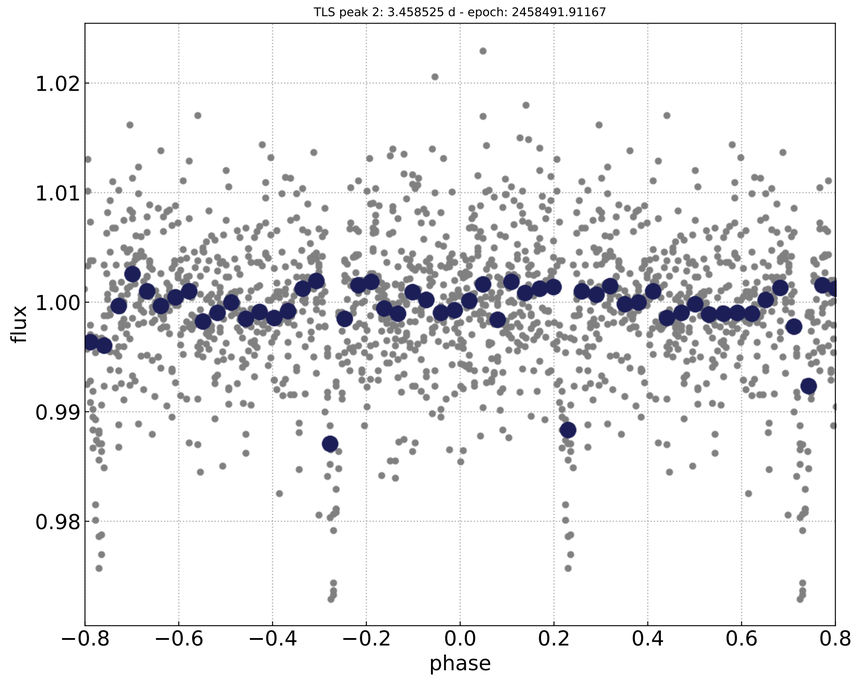
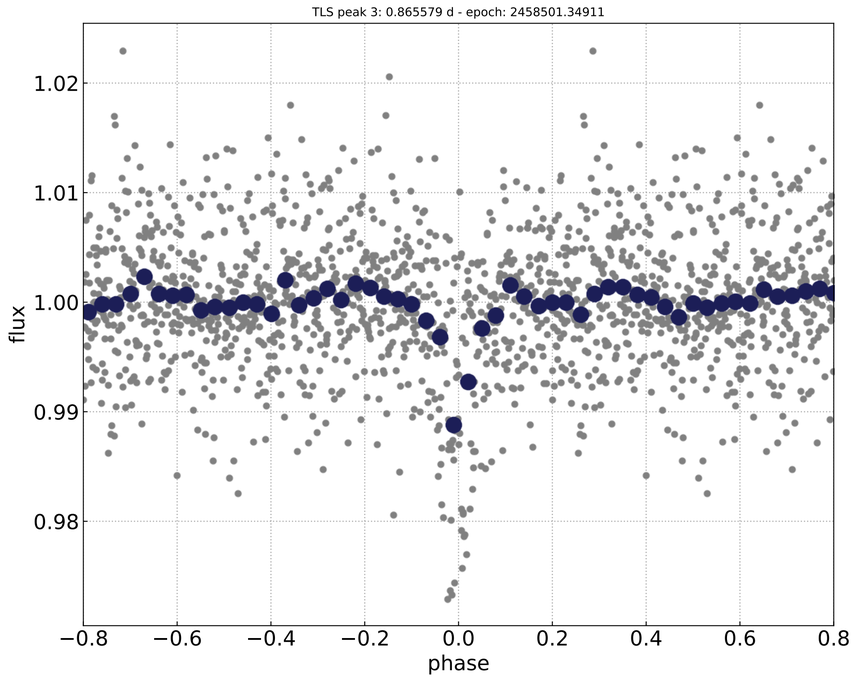

Transit Least-Squares periodogram - 1.730531 d
3050033749239975552
RA = 105.395, DEC = -8.817
G = 14.7, T_eff = 4945
μ = 0.89 mas yr^−1
H_J = nan
1.730531
0.865579
3.458525
5.191293
6.913799
Transit Least-Squares SDE
Period [days]

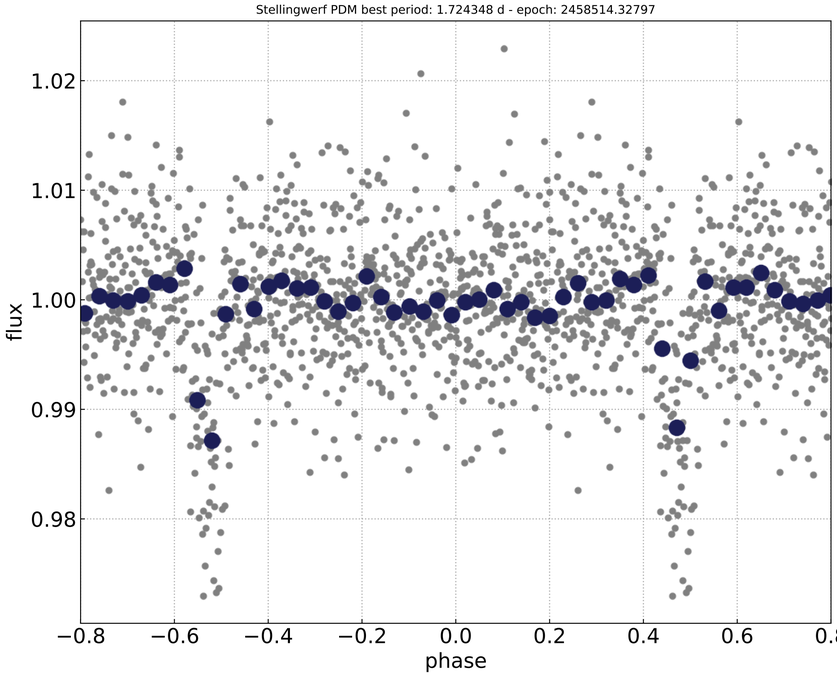

Stellingwerf phase-dispersion minimization - 1.724348 d
Stellingwerf PDM Θ
0.432436
0.576381
0.863971
1.724348
6.910876
Period [days]

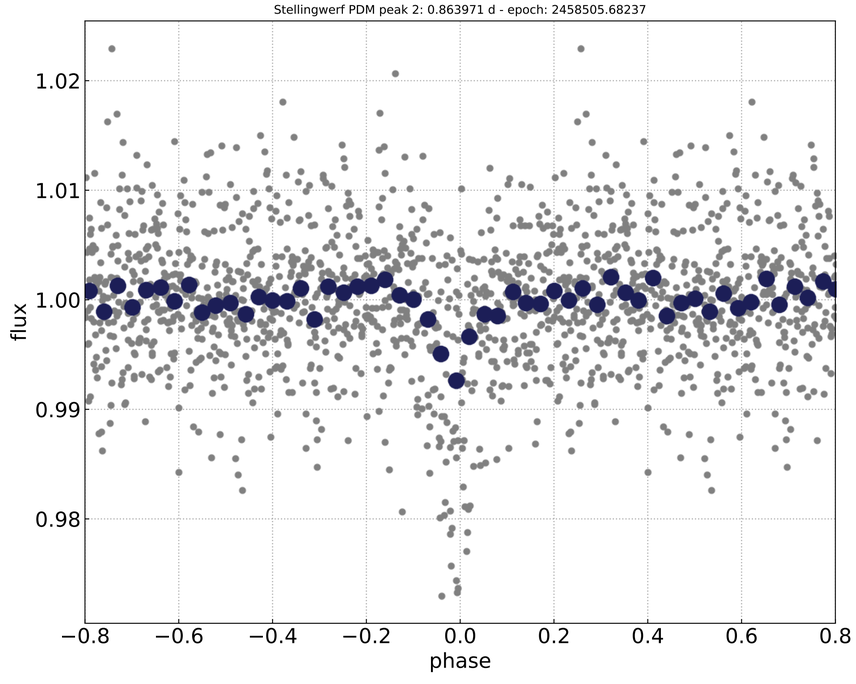

flux
JD - 2458491.912

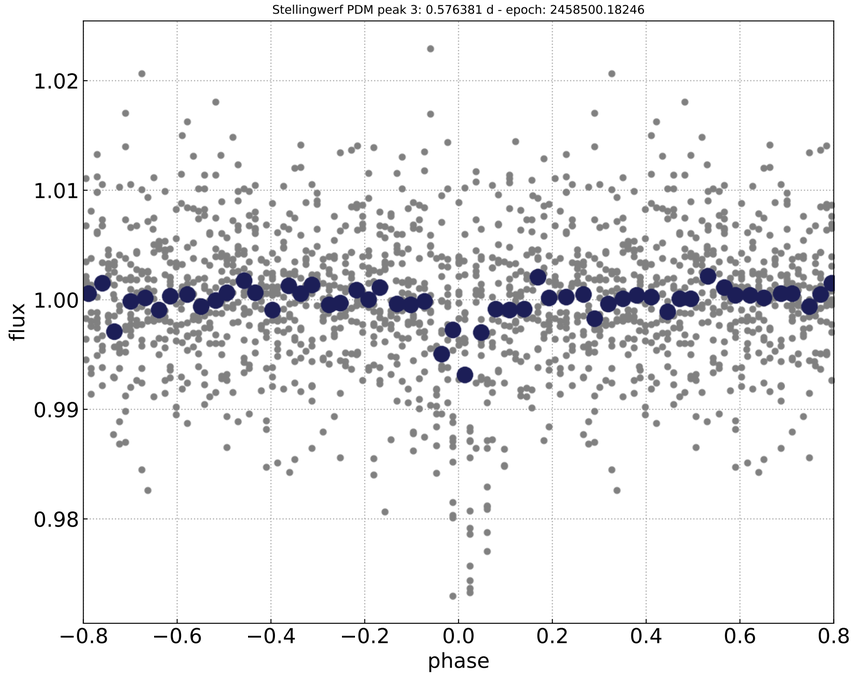

TLS best period: 1.730531 d - epoch: 2458511.72388
flux
phase

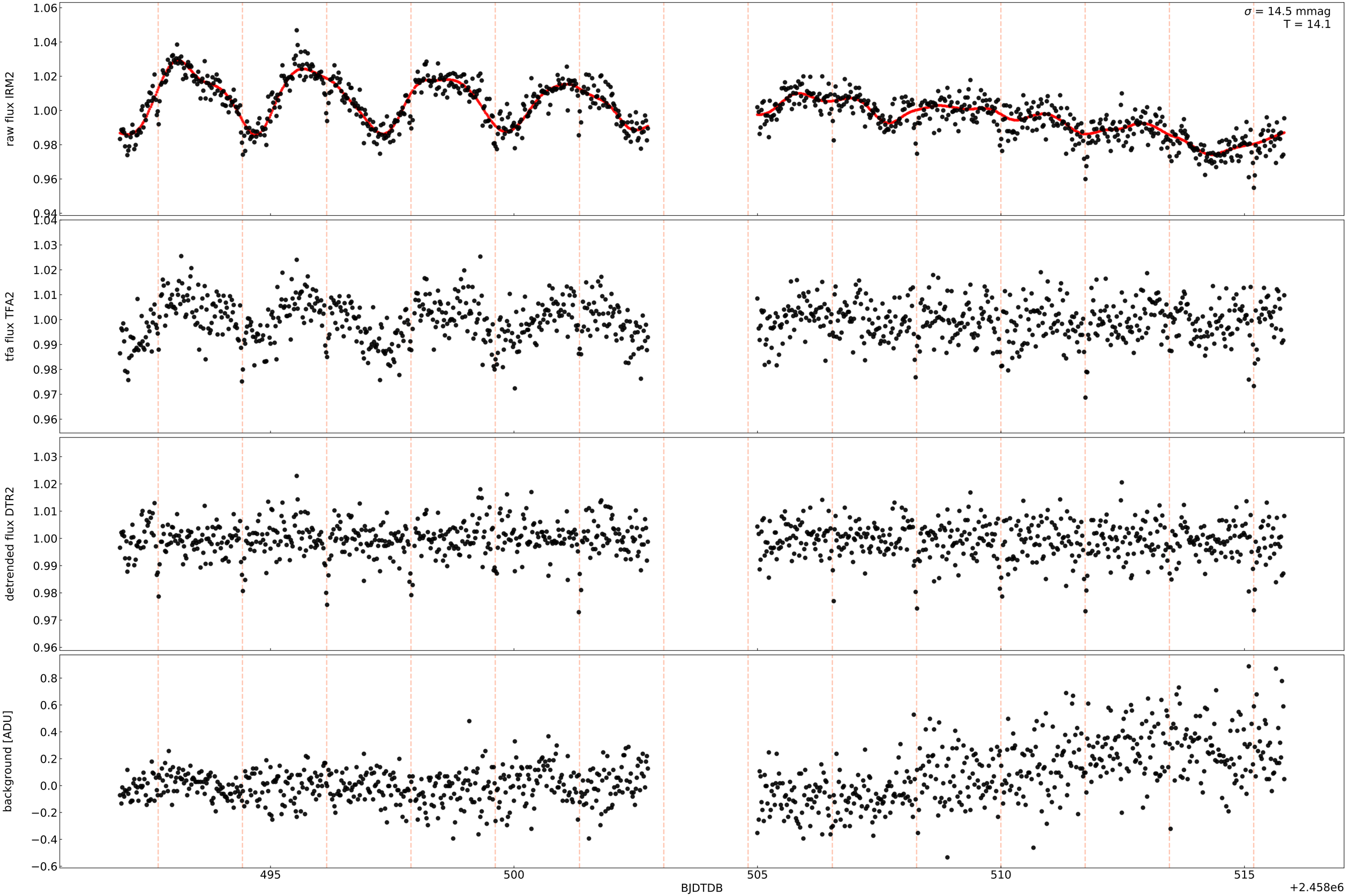

TLS peak 2: 3.458525 d - epoch: 2458491.91167
flux
phase

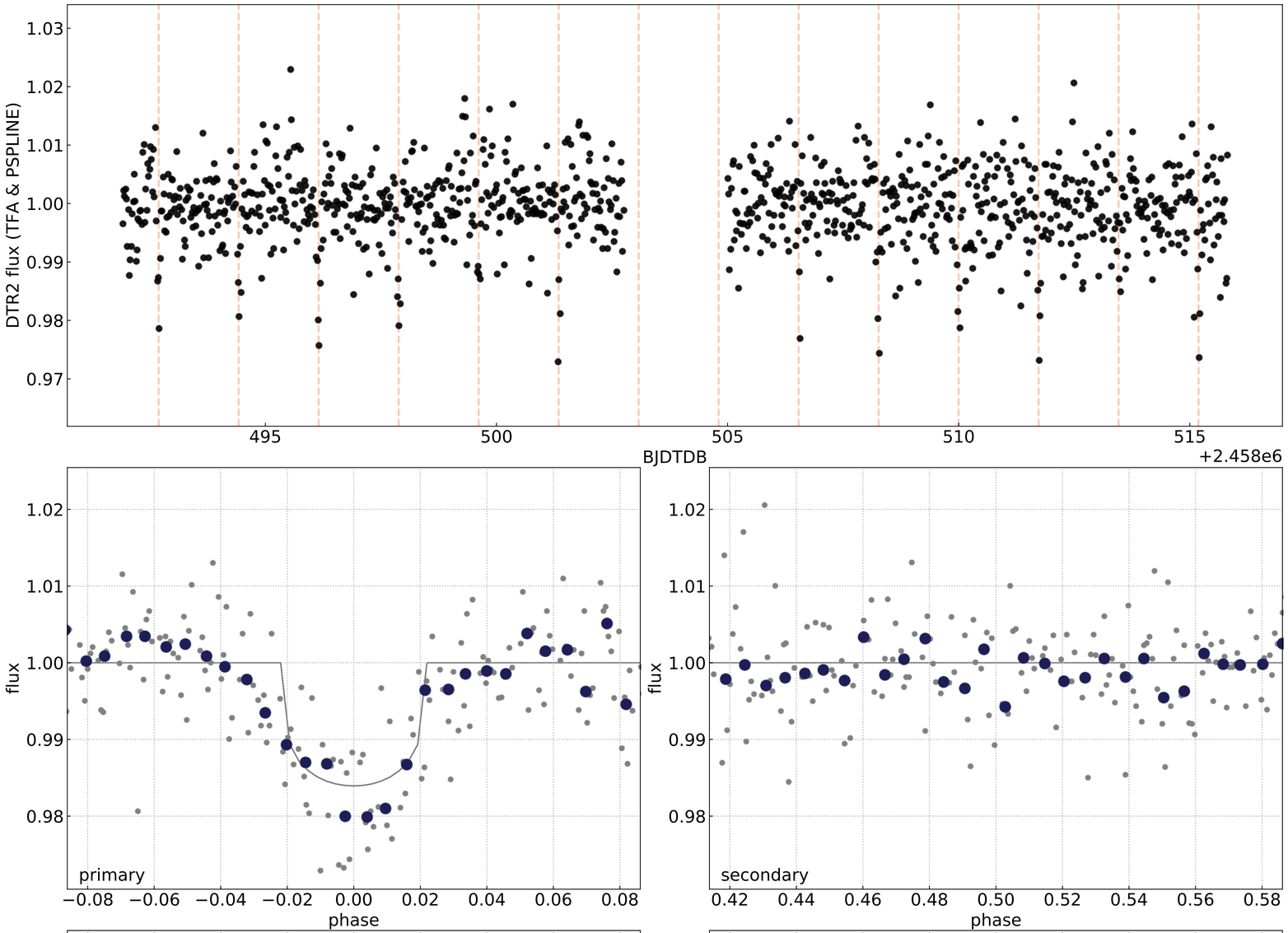

TLS peak 3: 0.865579 d - epoch: 2458501.34911
flux
phase


Stellingwerf PDM best period: 1.724348 d - epoch: 2458514.32797
flux
phase


Stellingwerf PDM peak 2: 0.863971 d - epoch: 2458505.68237
flux
phase


Stellingwerf PDM peak 3: 0.576381 d - epoch: 2458500.18246
flux
phase


raw flux IRM2
tfa flux TFA2
detrended flux DTR2
background [ADU]
σ = 14.5 mmag
T = 14.1
BJDTDB
+2.458e6



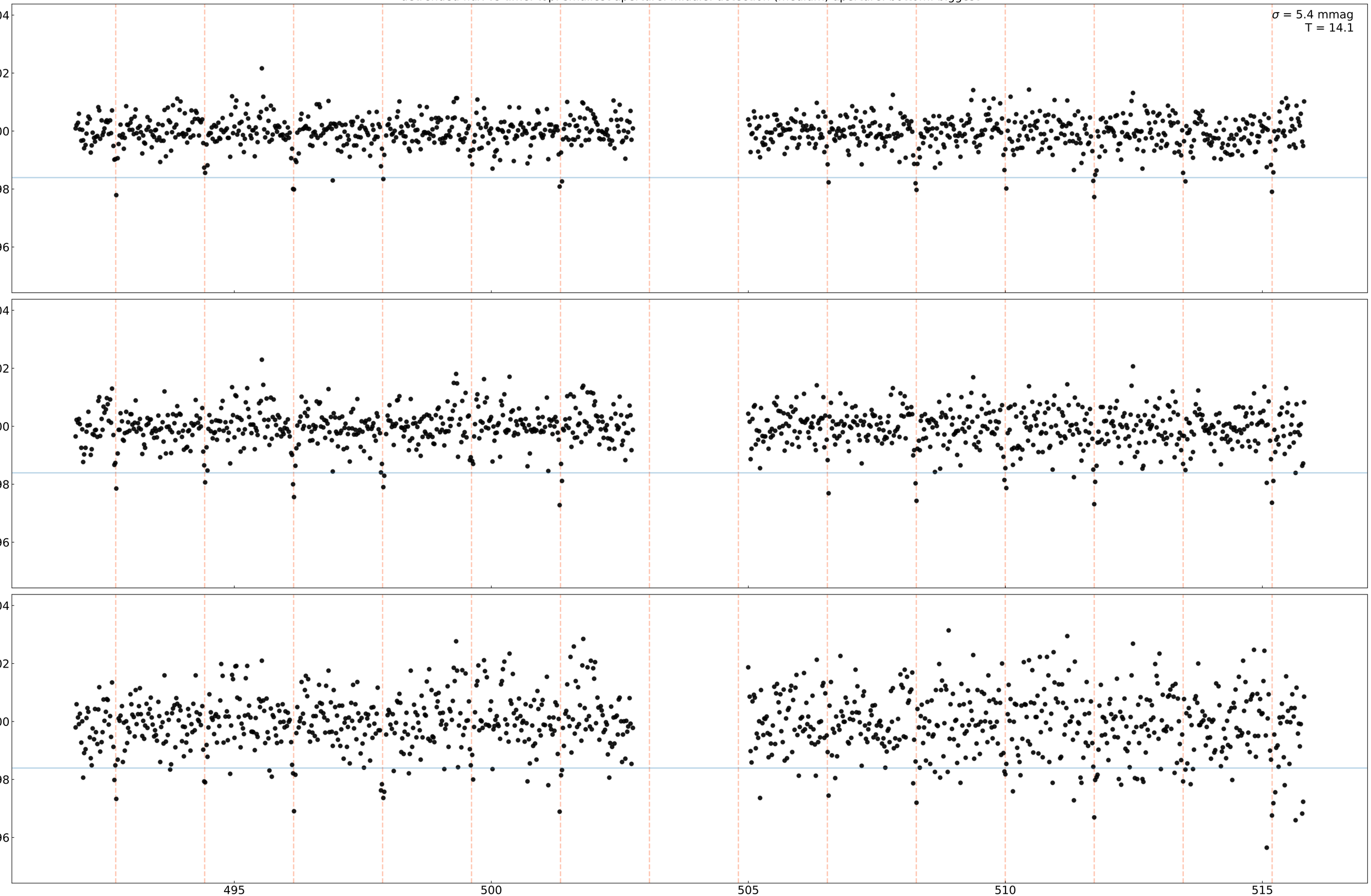
P = 1.731 day
t_0 = 2458492.693 BJD
R_p = 18.56 $R_\oplus$ (TICCONT nan not needed)
$R_p/R_\star$ = 0.114
T_{14}/P = 0.043
T_{14} = 1.79 hr
SNR = 17.2, SNRpink/tra = 5.6

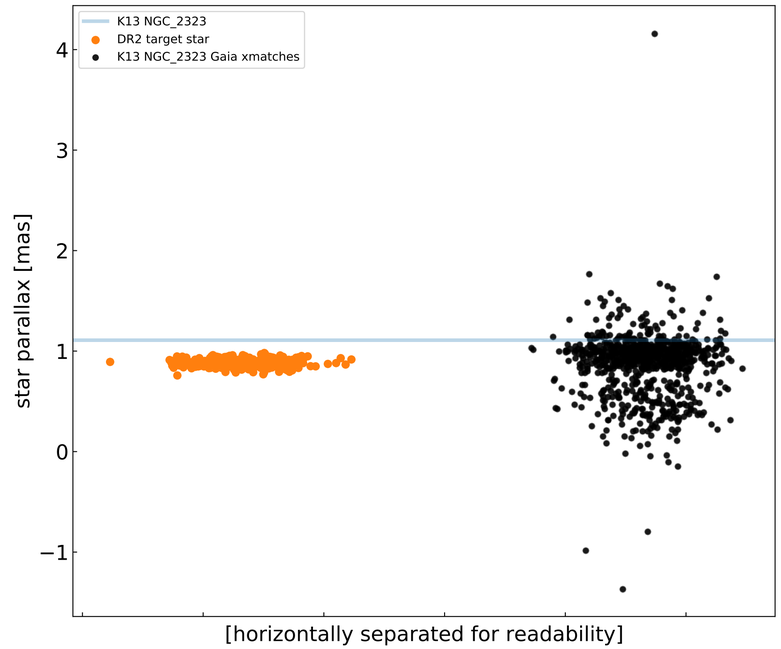
δ_{odd} vs δ_{even} = 1.0 σ
$\delta_{tra}/\delta_{occ}$ = nan ± nan

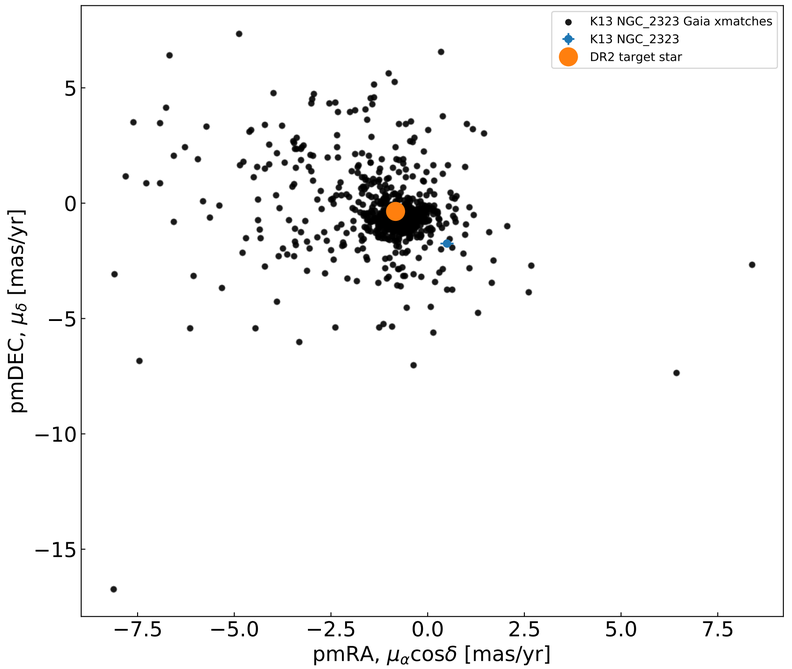
Star: DR2 3050033749239975552
TIC 125192758 - ticdist 0.01"
$R_\star$ = 1.49 $R_\odot$, $M_\star$ = 0.93 $M_\odot$
Teff = 5384 K
RA,dec [deg] = 105.395 -8.817
G = 14.7, Rp = 14.1, Bp = 15.2, T = 14.1
pmRA = -0.8, pmDEC = -0.4
ω = 0.88 ± 0.04 mas
d_{geom} = 1100 pc
AstExc: 0.0 σ
$R_\star$+$M_\star$->T_{b0}: 3.3 hr

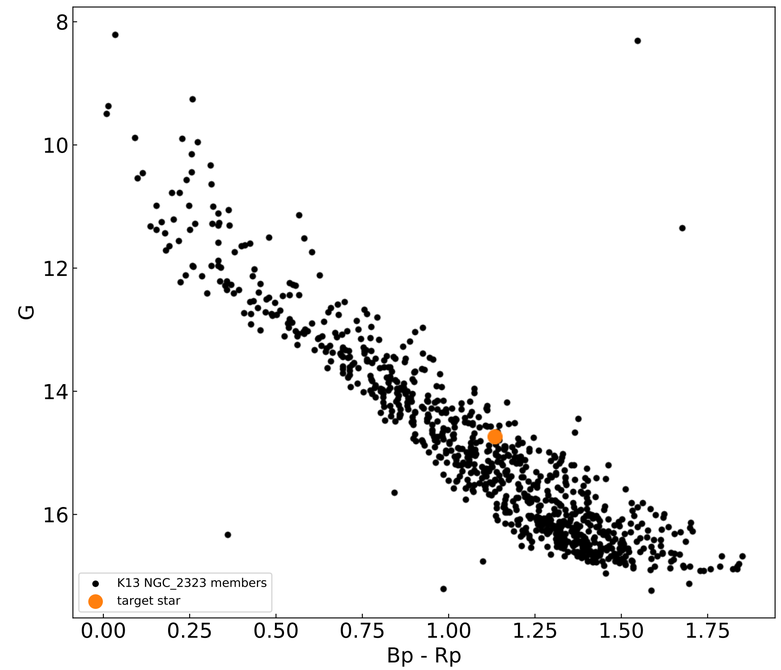
Cluster: NGC_2323
Reference: CantatGaudin_2018
Othername: 3050033749239975552
xmatchdist: 0.0e+00"

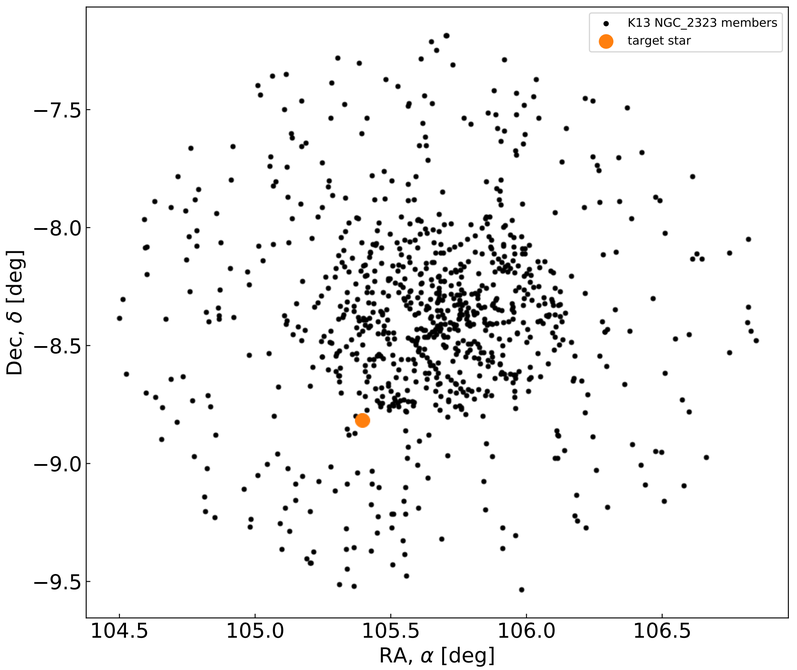
detrended flux vs time. top: smallest aperture. middle: detection (medium) aperture. bottom: biggest









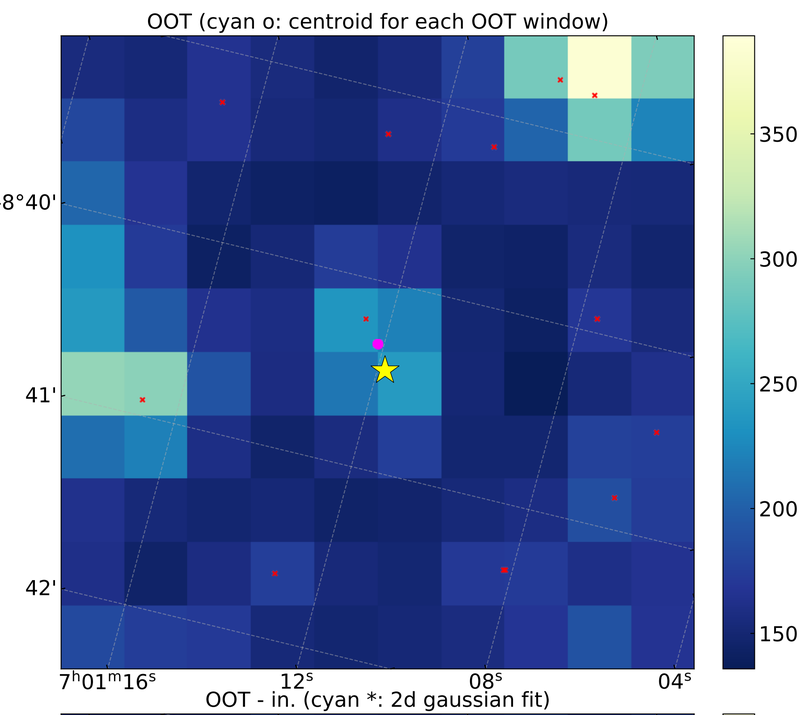


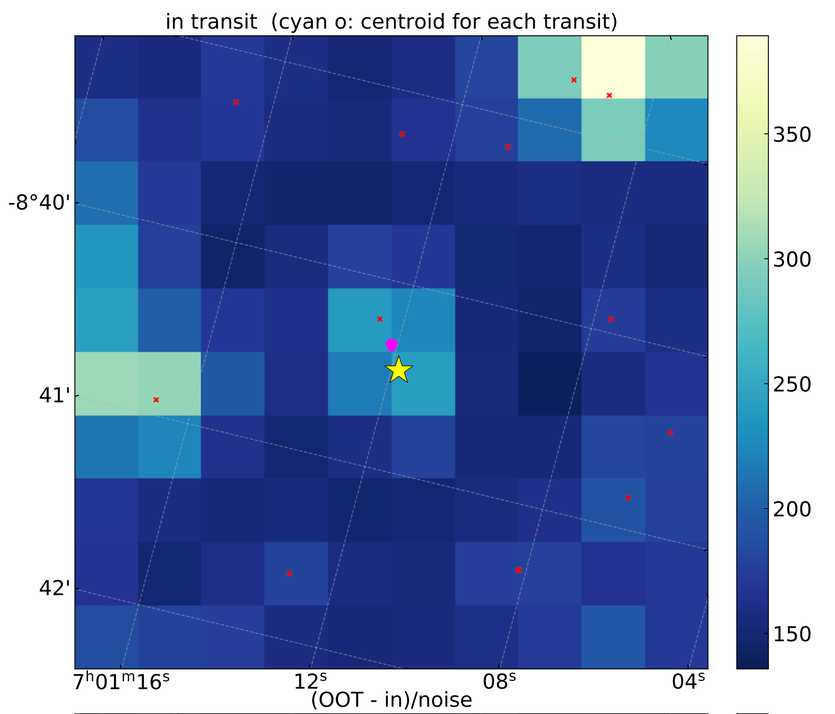
Cluster: NGC_2323
Reference: CantatGaudin_2018
Starname: 3050033749239975552
xmatchdist: 0.0e+00"
logt: 8.255, prov: K13

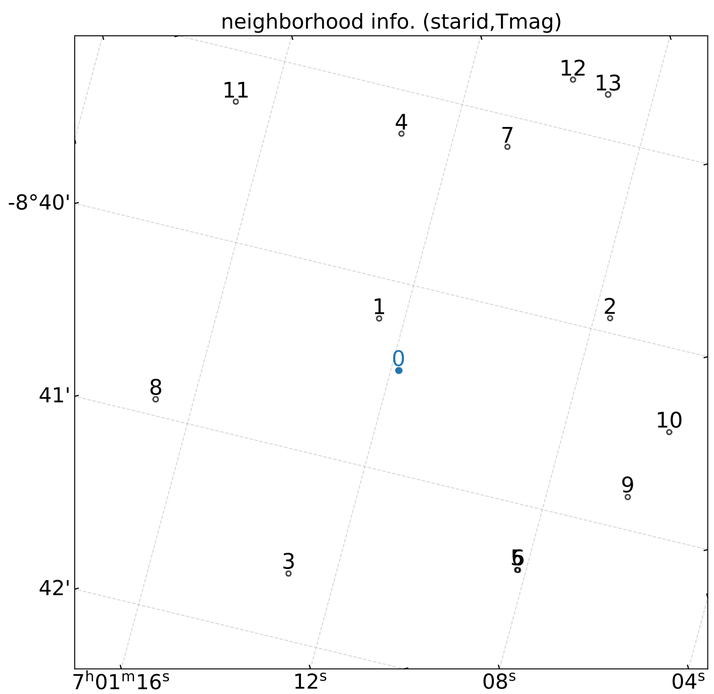
K13 match: MWSC 1072, NGC_2323
N1sr2: 738
type = oc, d_{K13} = 902 pc
Expect ω_{K13} = 1.11 mas
Got ω_{DR2} = 0.88 ± 0.04 mas

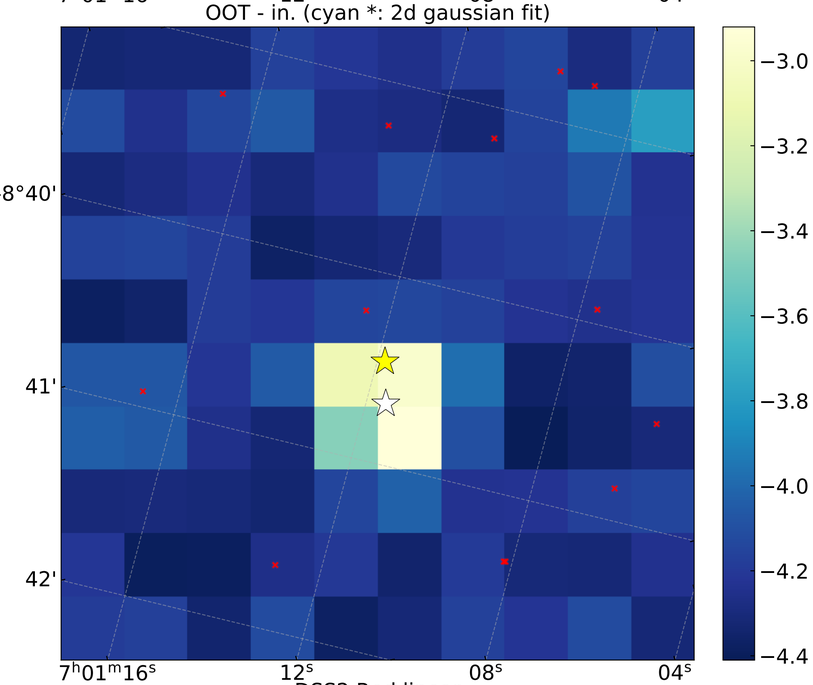
Star: DR2 3050033749239975552
$R_\star$ = 1.49 $R_\odot$, $M_\star$ = 0.93 $M_\odot$
Teff = 5384 K
RA = 105.395, DEC = -8.817
G = 14.7, Rp = 14.1, Bp = 15.2
pmRA = -0.8, pmDEC = -0.4
ω = 0.88 ± 0.04 mas
d = 1/ω_{as} = 1134 pc

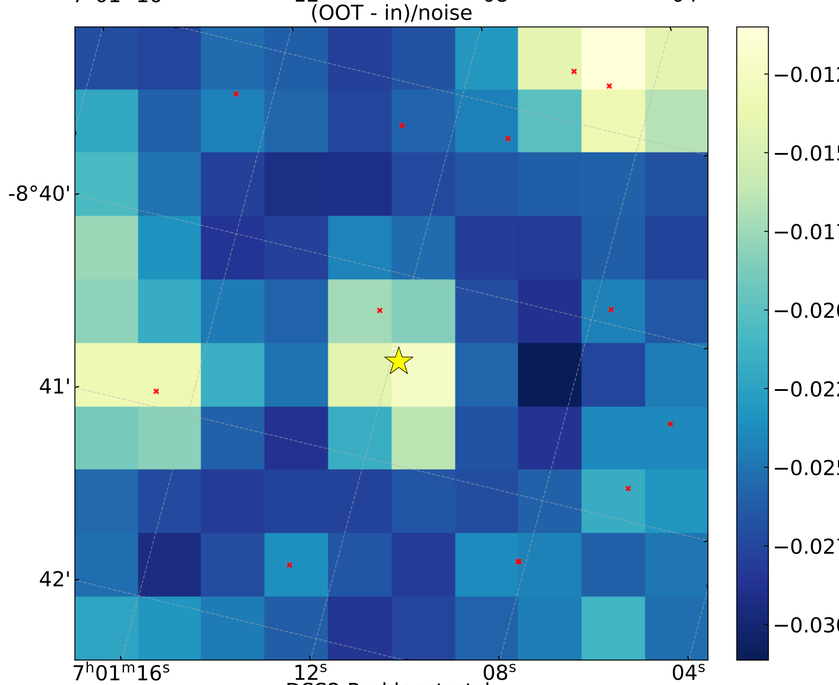
Note: N/A







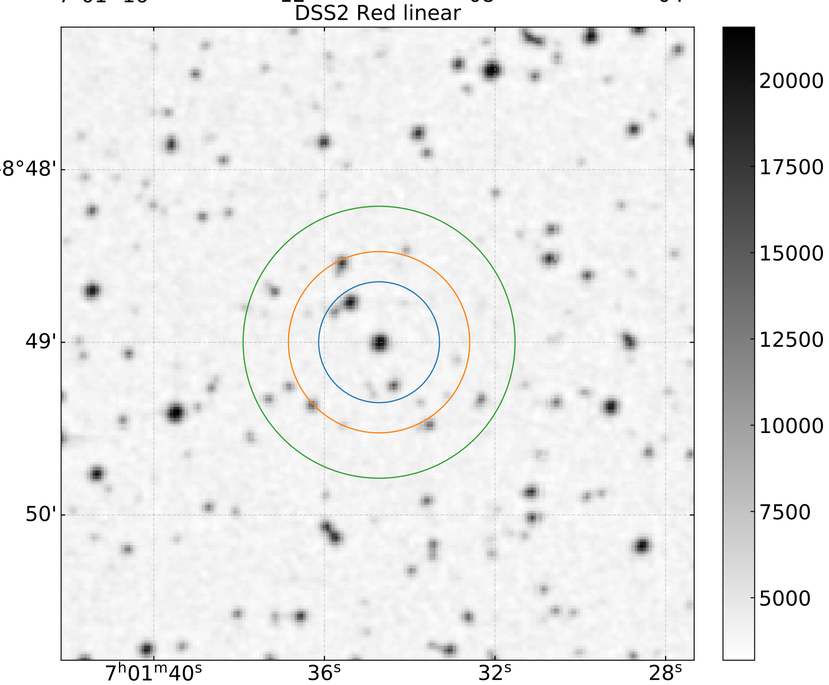


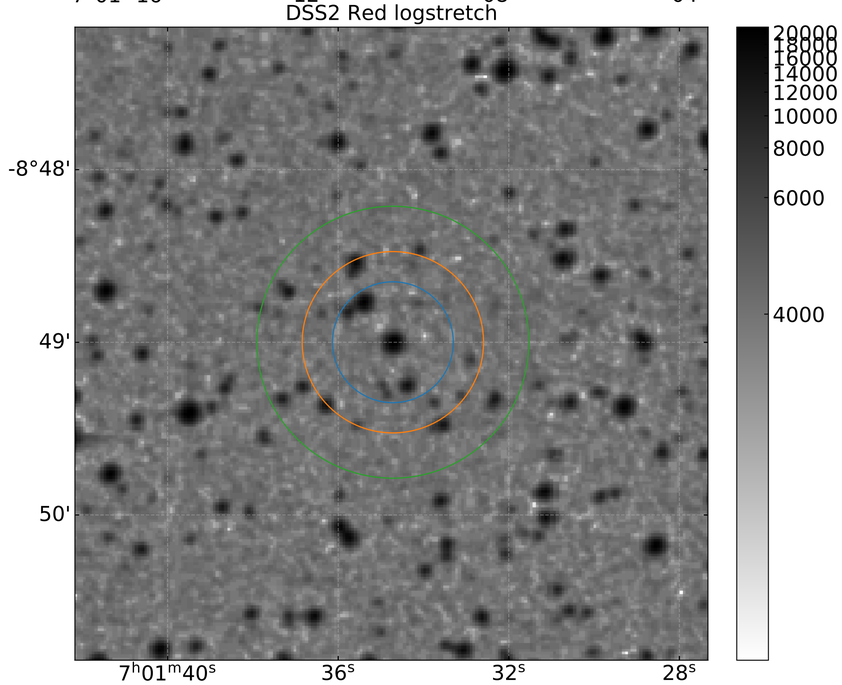


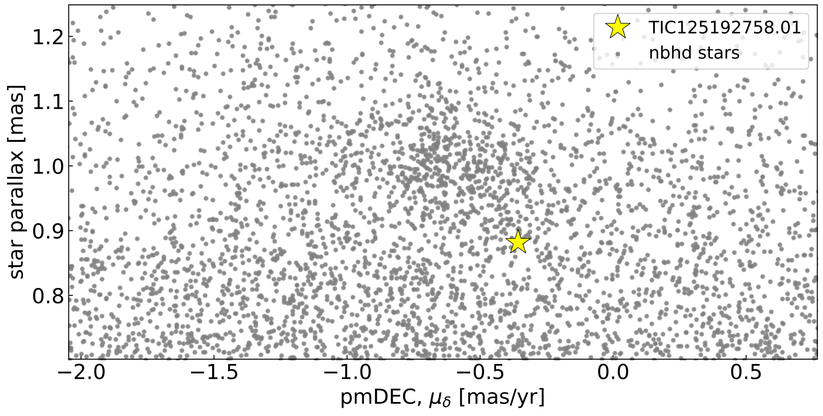
DR2 3050033749239975552
ctlg - <OOT-intra>: 6.2"
ctlg - gauss(OOT-intra): 13.9"

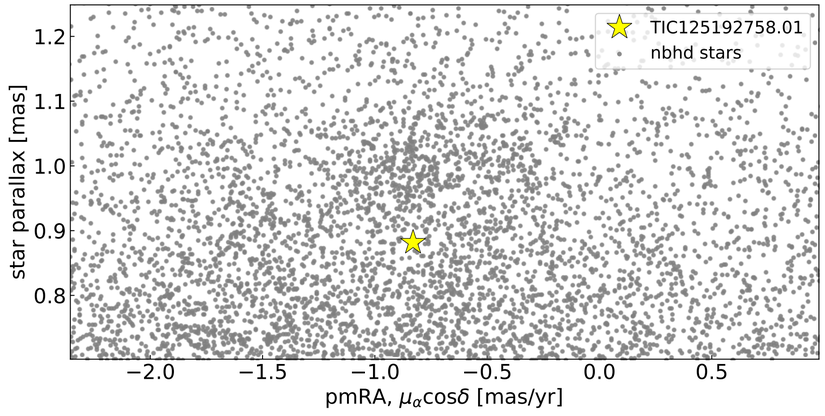
Target star (0) and 13 nearest nbhrs
TICID (Tmag)
0: 125192758 (14.1)
1: 125192766 (15.0)
2: 125192778 (15.7)
3: 125192705 (15.6)
4: 125192803 (15.7)
5: 125192720 (15.6)
6: 752656231 (15.8)
7: 125192806 (15.5)
8: 125192737 (13.6)
9: 125192739 (14.9)
10: 125192756 (16.0)
11: 125192800 (15.6)
12: 125192817 (15.5)
13: 125192816 (13.3)

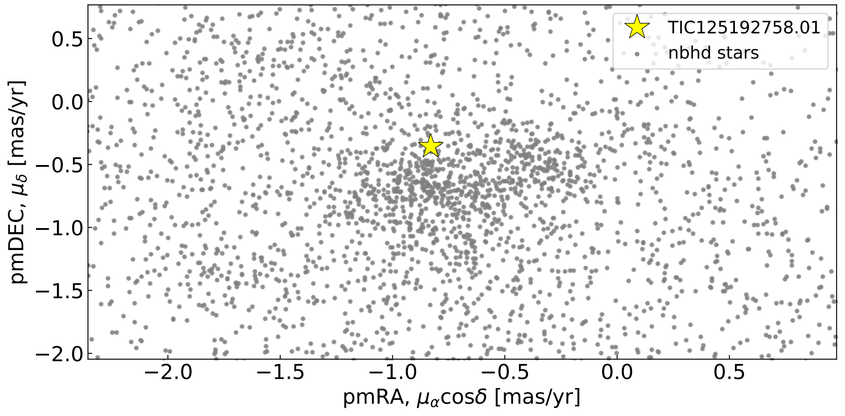
1 ephem matches in CDIPS LCs
DR2, sepn [arcsec], G_Rp
3034729509454761600: 1090.3", 10.0

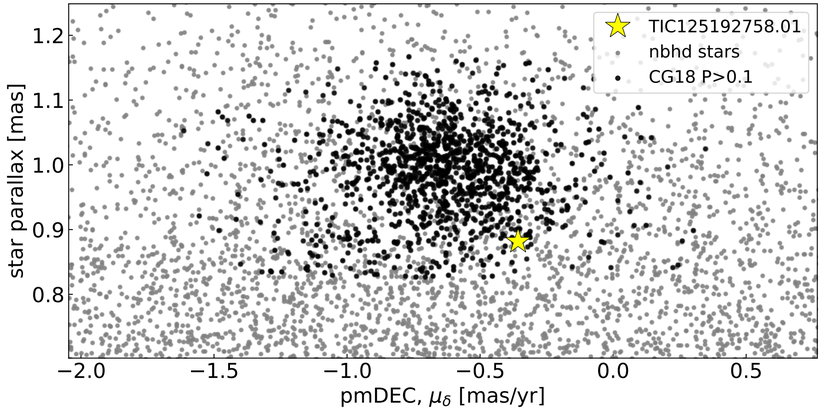


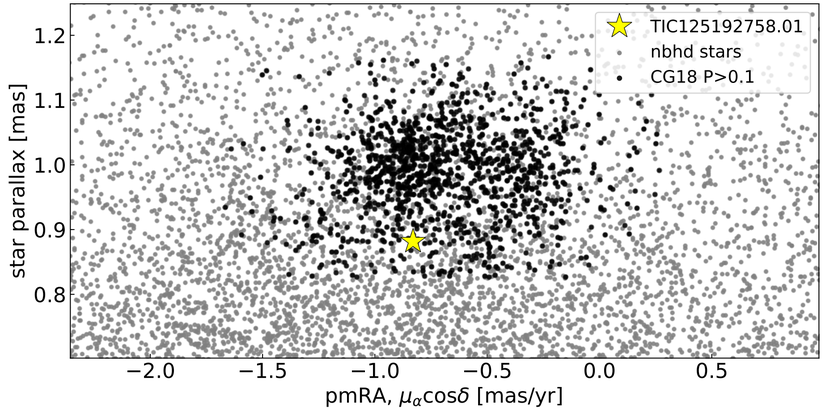


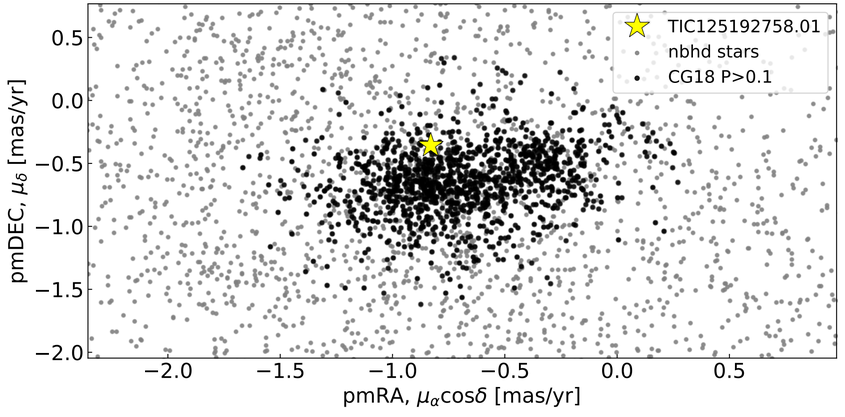


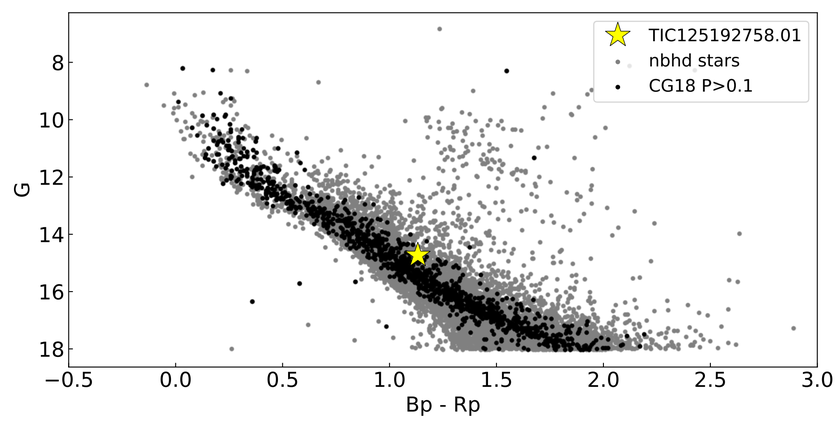


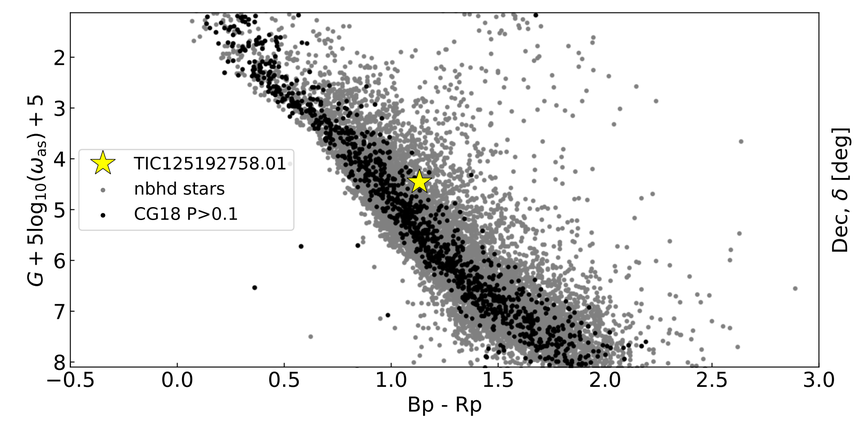


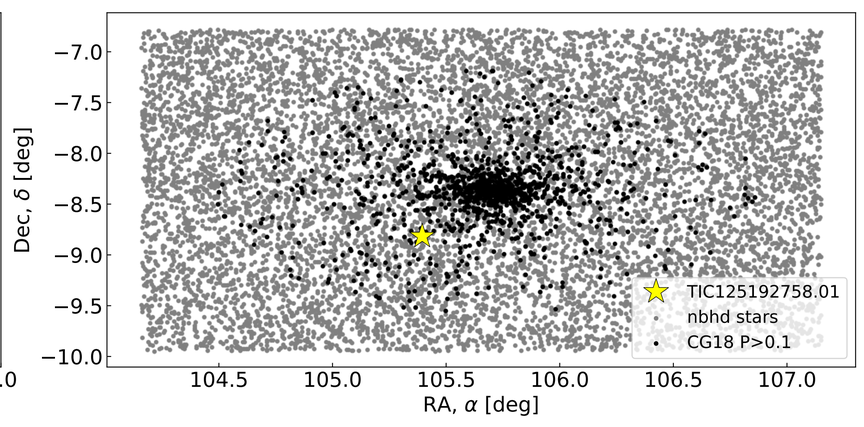


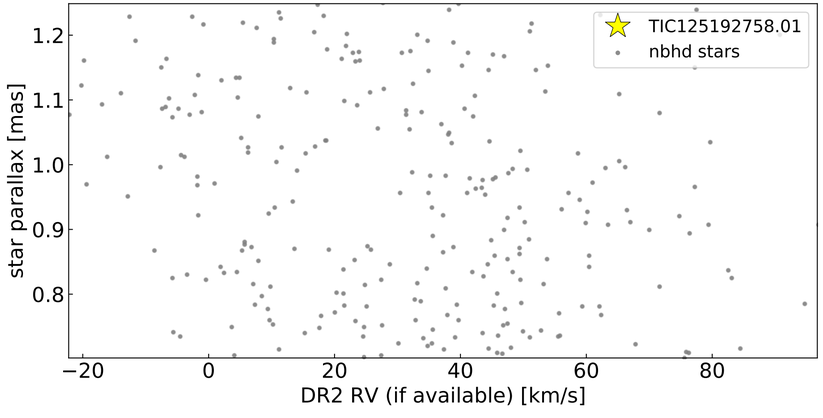


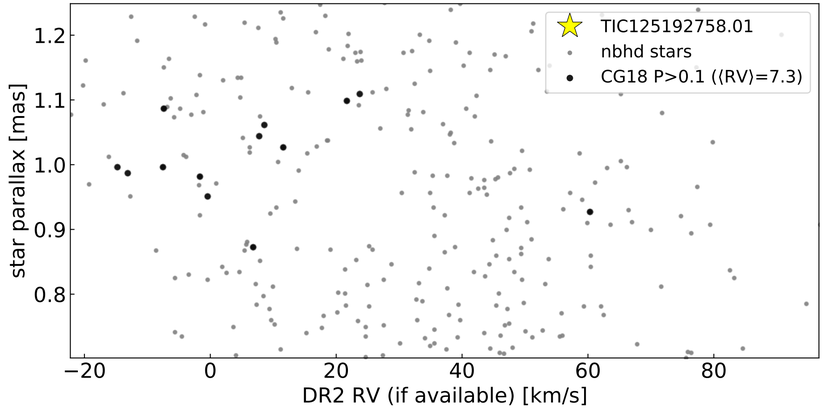












Target: TIC125192758.01
GAIADR2: 3050033749239975552
Group: NGC_2323
Refs: CantatGaudin_2018
Names: NGC_2323