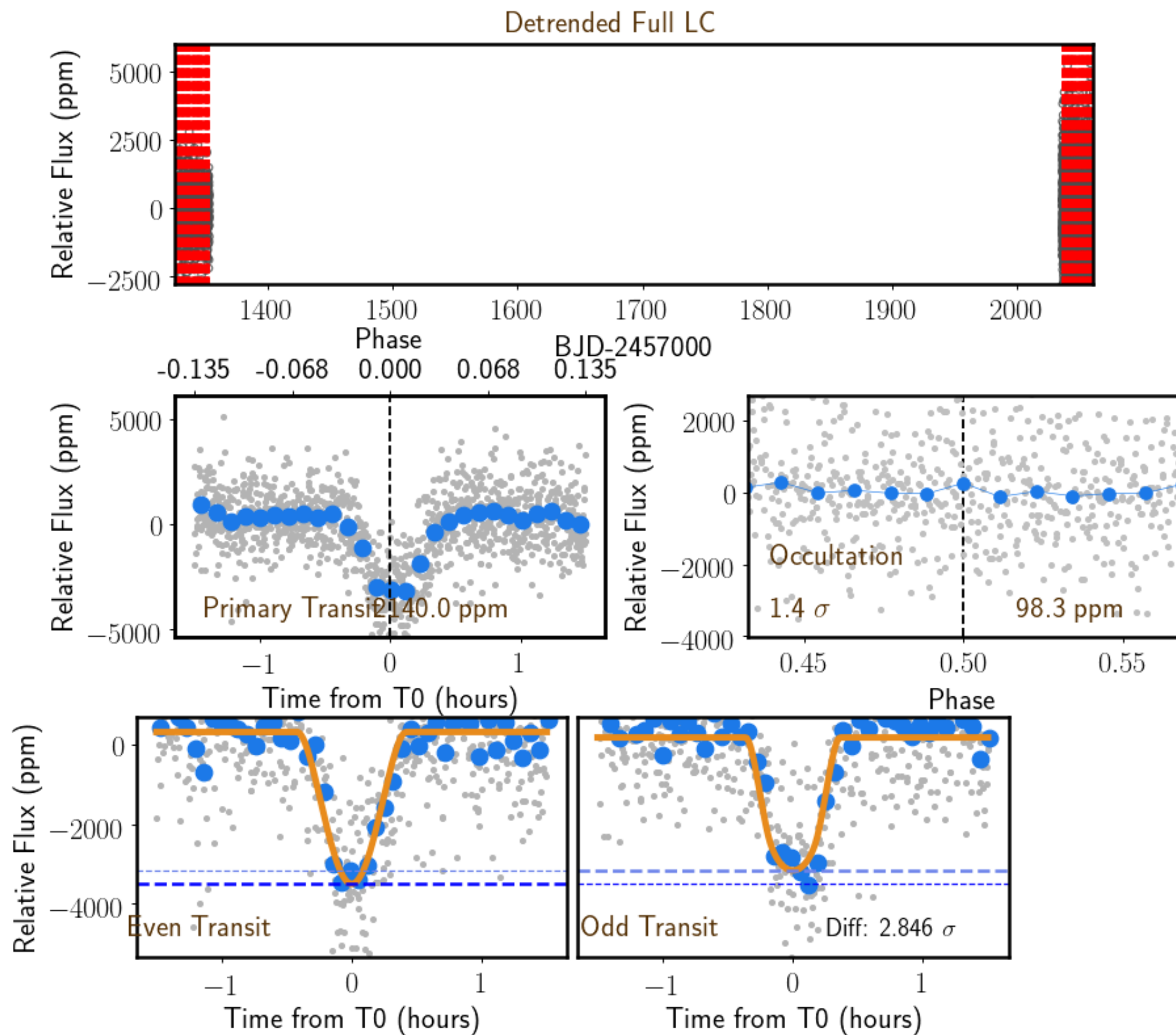




TCE: *tess*410153553.01

$P = 0.463$ Day

$T_0 = 1325.724$ BJD

$R_p \sim nan$

$R_p/R_{star} \sim 0.046$

$T_{dur}/P \sim 0.061$

$T_{dur} \sim 0.683$ hr

$T_{12}/T_{14} \sim 0.217$

$SN_{BLS} \sim 35.6$ $SNR \sim 18.7$

Star: TIC410153553

$R_* \sim nan R_{\odot}$ $M_* \sim 0.2 M_{\odot}$

$T_{eff} \sim 3756 K$ $logg \sim 5.09$

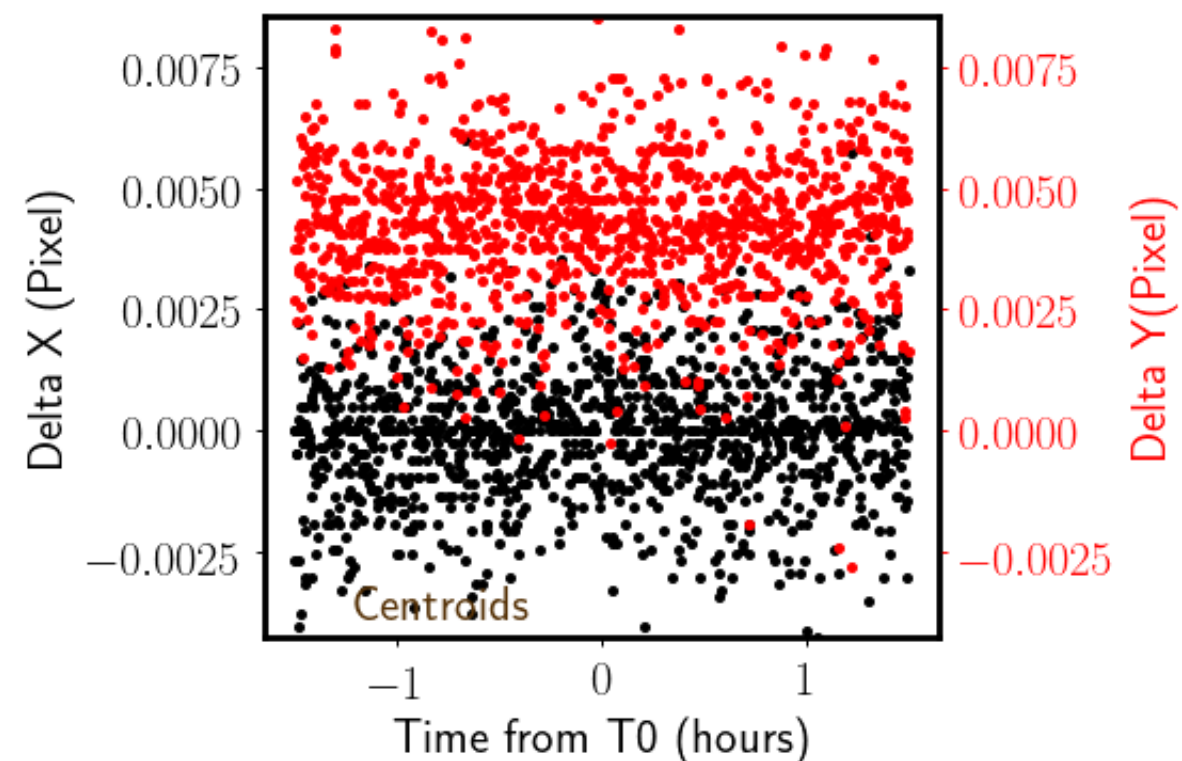
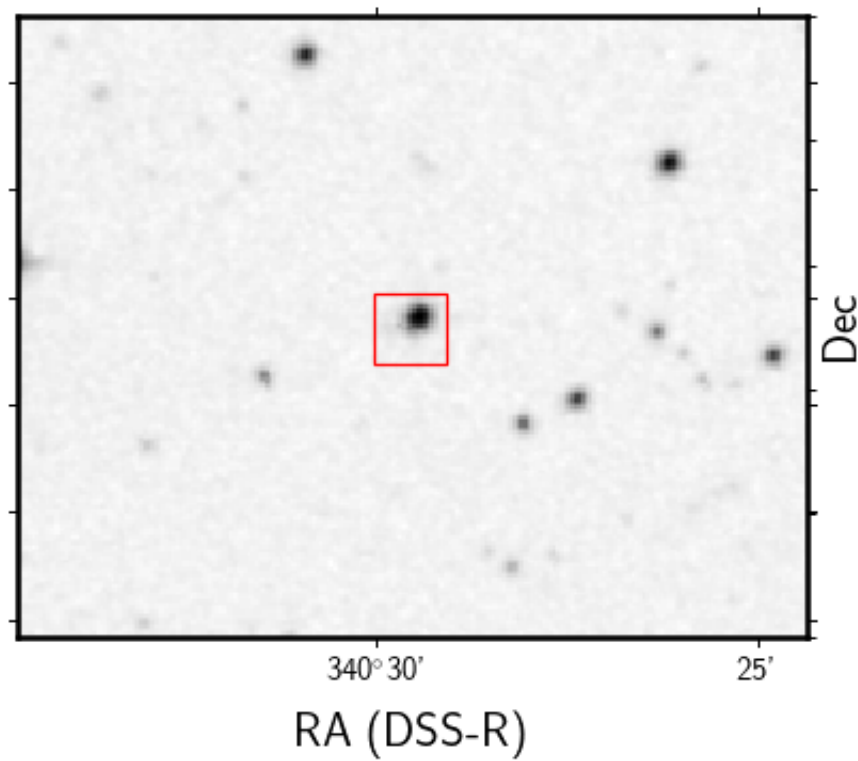
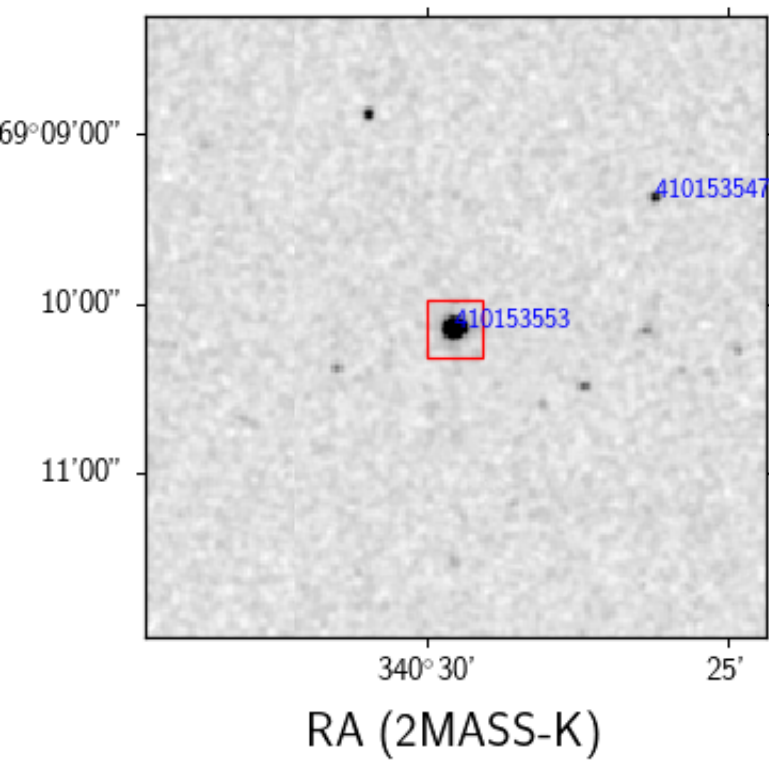
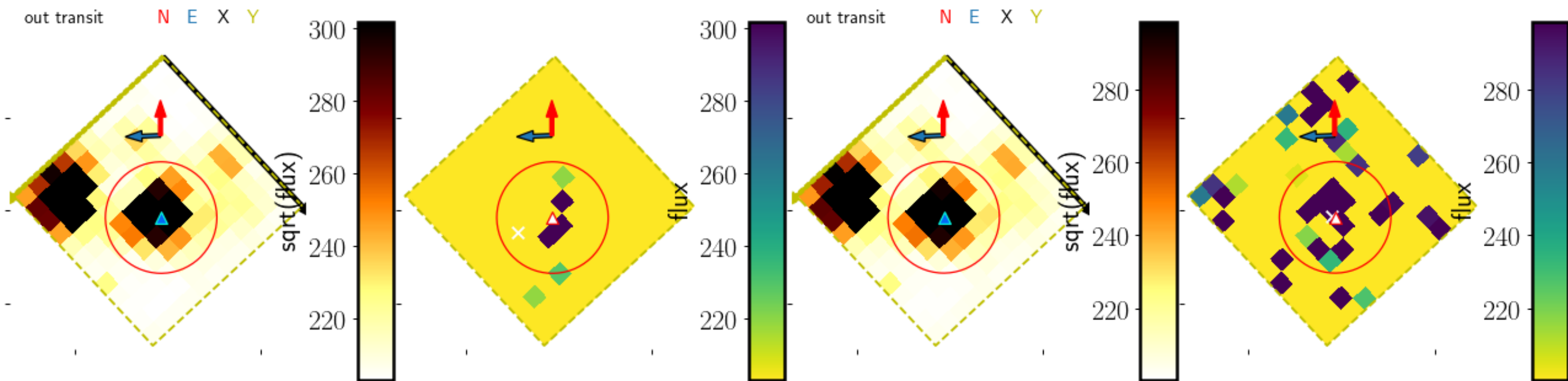
RA = 340.492 DEC = -69.169

TMag = 11.9 $J - K = 0.9$

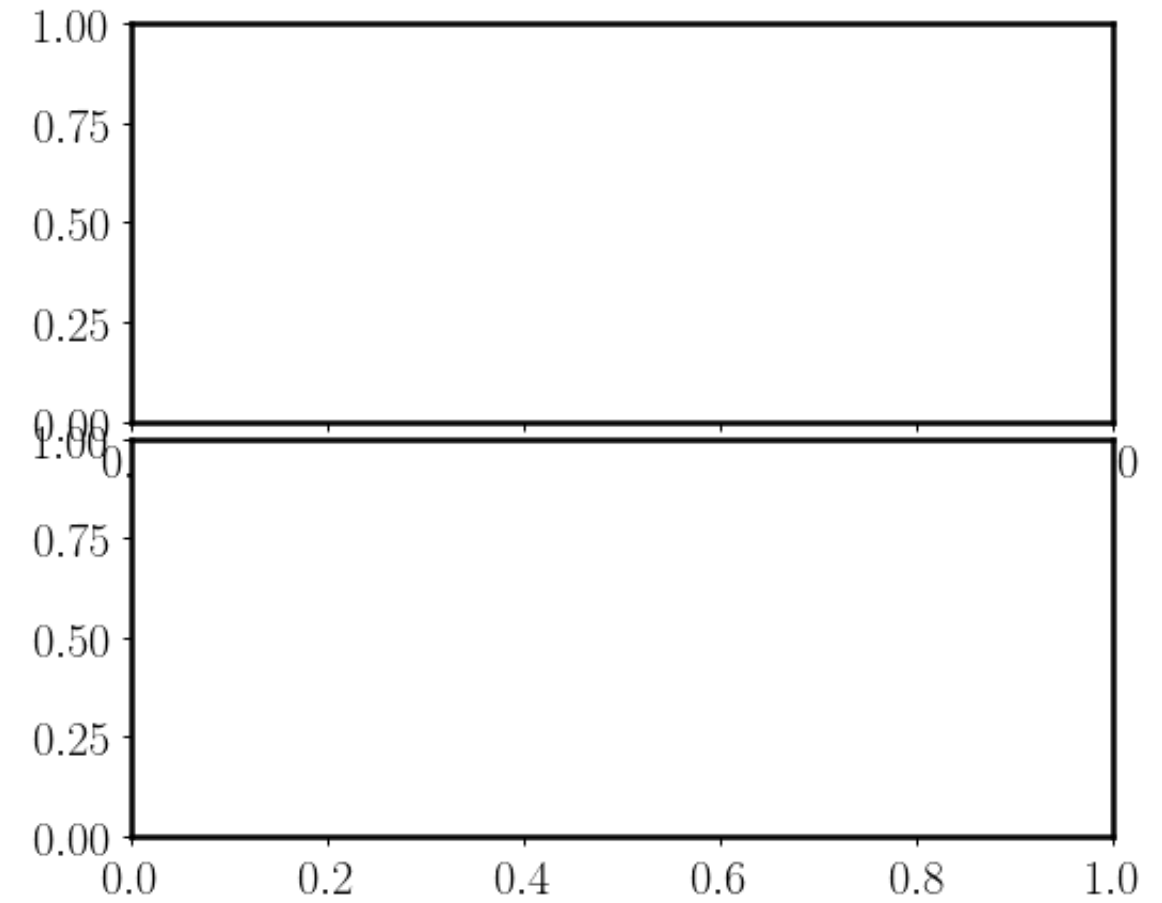
$gb - gr = 3.4$ $par = 67.2$

$pmra = 334.4$ $pmdec = -727.0$

410153553.01: Centroid Shift and Ephemeris Match (to most significant object)



410153553.01: Centroid Shift and Ephemeris Match (to most significant object)

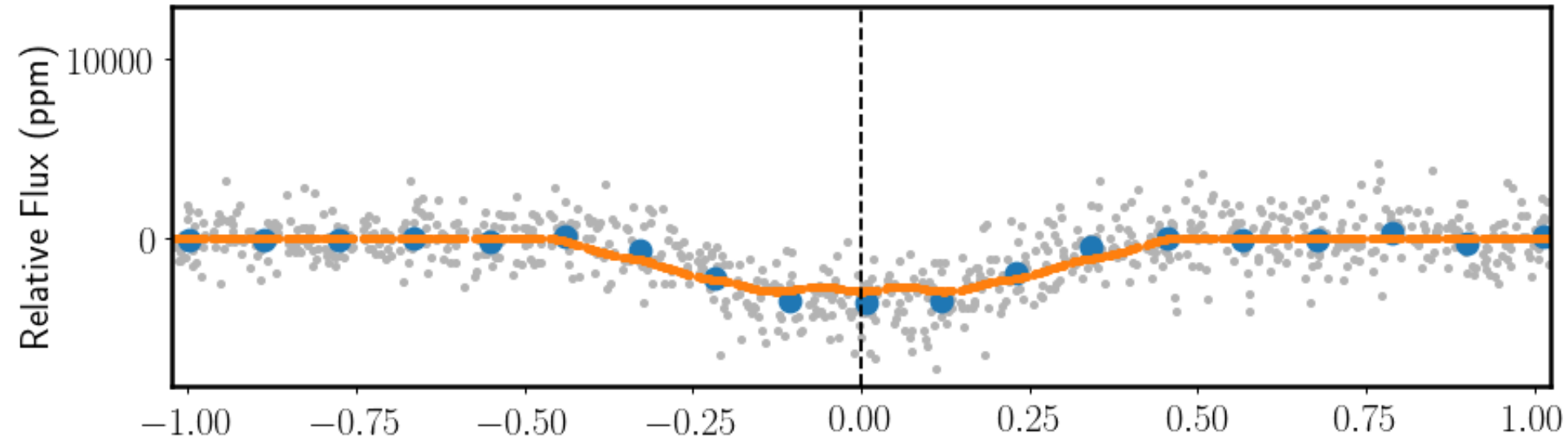


Epoch matching result: None

Near LHS 3844, $P = 0.462929$, Epoch = 58325.725580

M: RA: 340.492, DEC: -69.169 Mag: 11.9 x:1179.0 y: 88.8

410153553.01: Detailed transit fitting information



MCMC parameters

fp: None

a: 5.35606 [4.59423, 6.17244]

b: 0.87806 [0.80914, 0.93230]

ecc: 0.0

rhostarobs: 56.8 [35.9, 87]

u1: 0.26337 [0.09438, 0.43035]

period: 0.46293 [0.46293, 0.46293]

per: 0.46293075629433633

u2: 0.28245 [0.09129, 0.44287]

u: [0.26336672339508516, 0.2824522082405377]

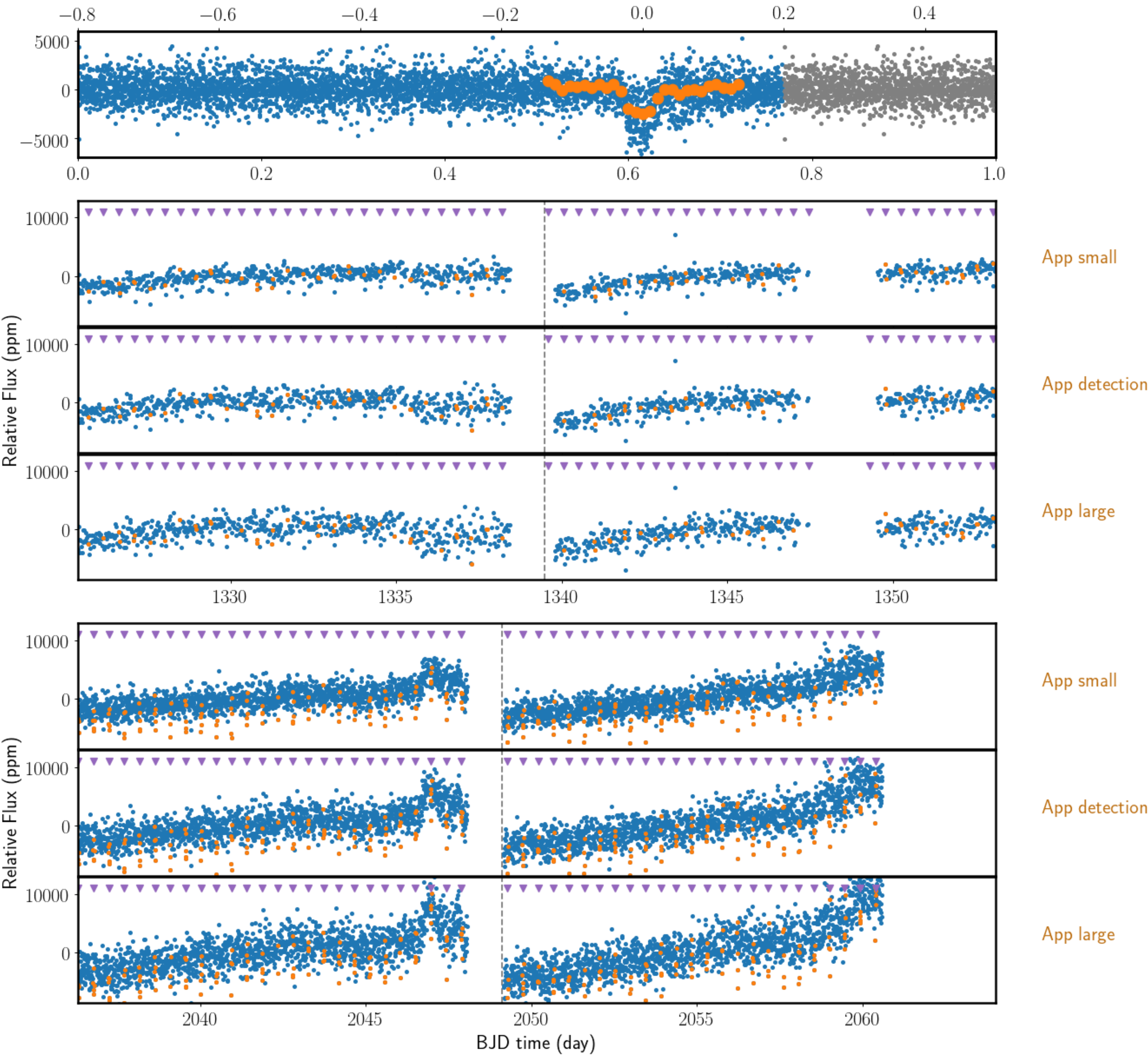
t0: 2060.39504 [2060.39459, 2060.39546]

w: 90

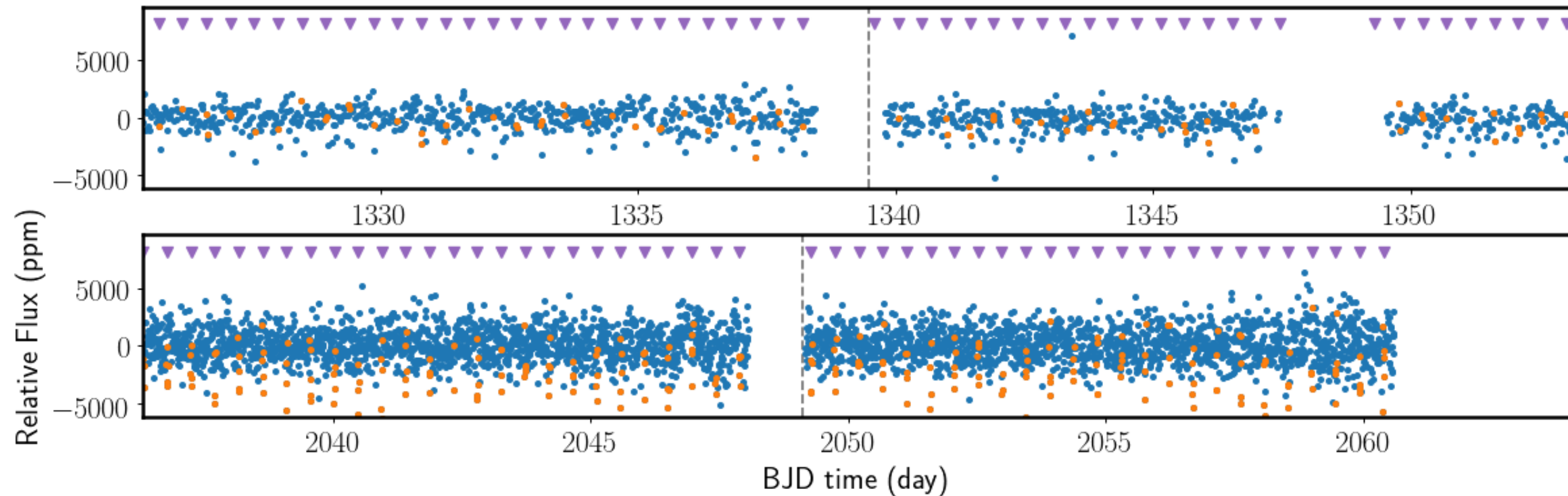
rp: 0.08146 [0.07446, 0.09163]

inc: 80.56452763714165

410153553.01: Detailed raw light curve information



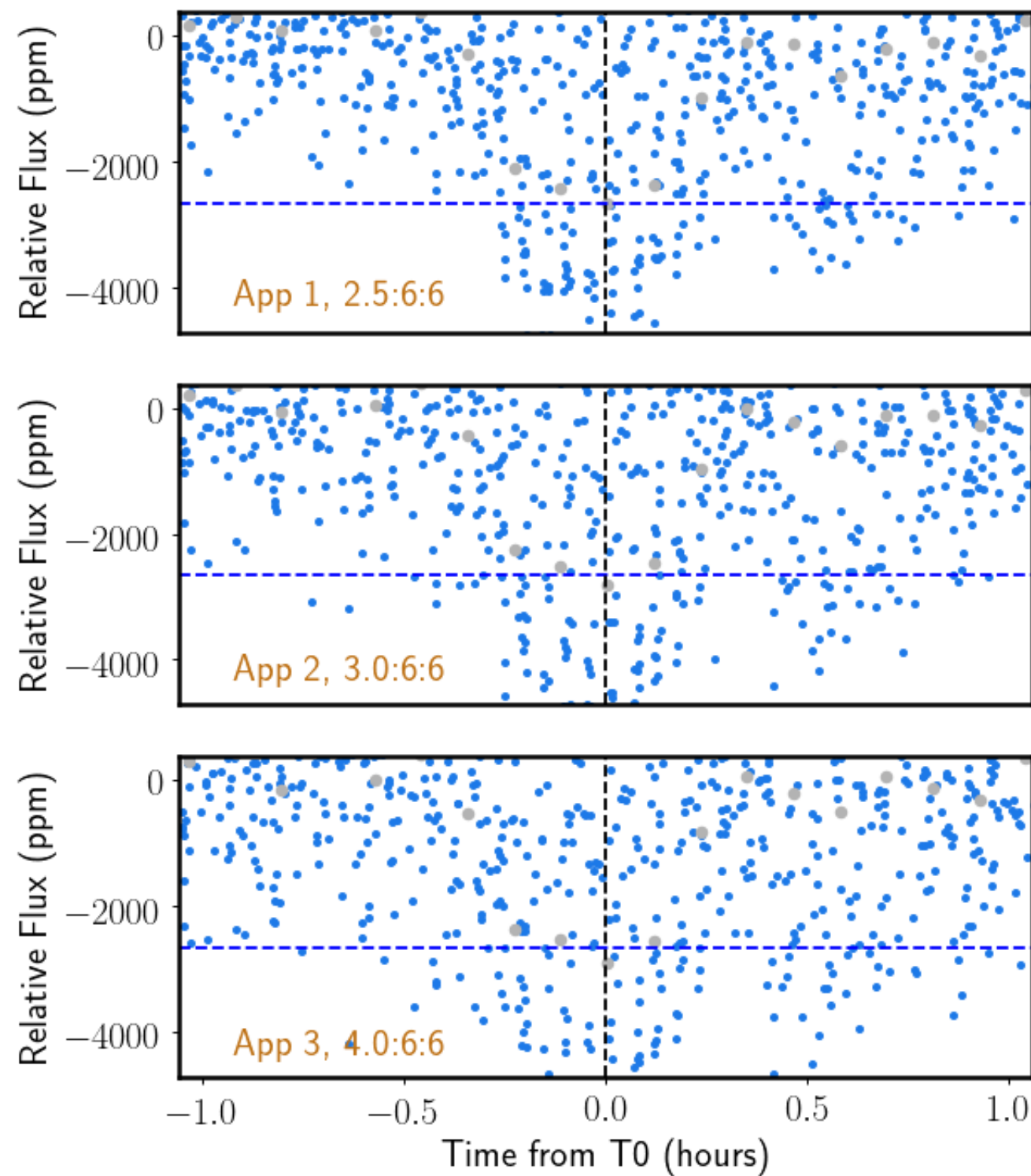
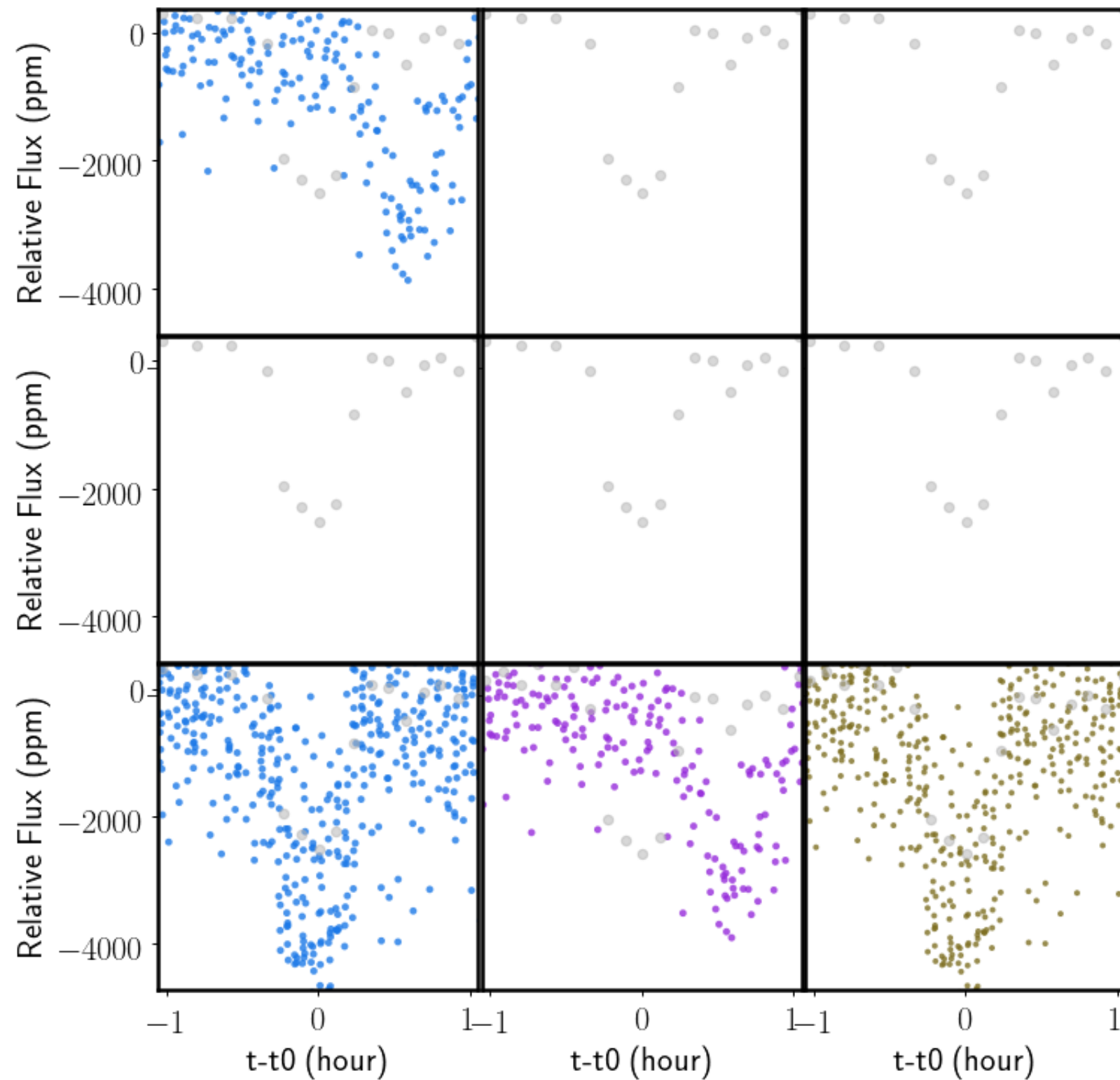
410153553.01: Detailed raw light curve information



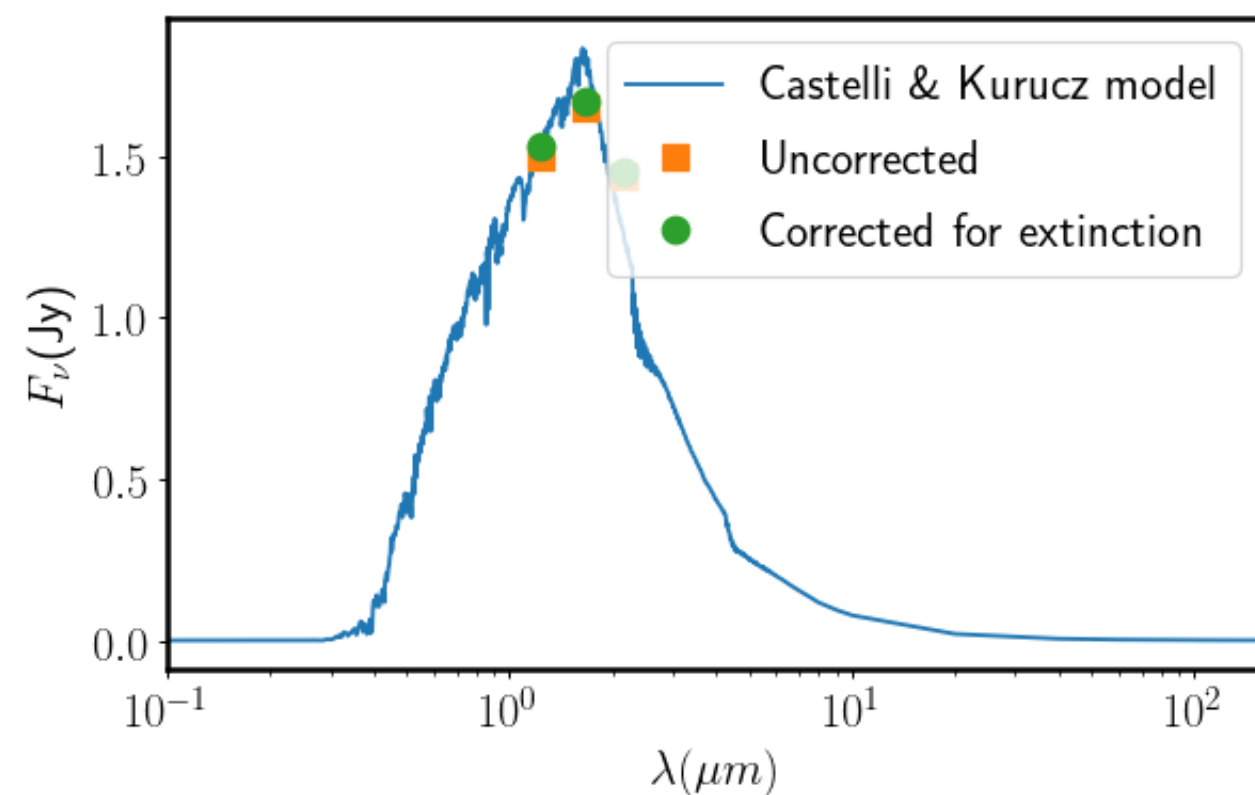
410153553.01: Detailed transit information

average of neighboring 227 transits

binned flux of all data

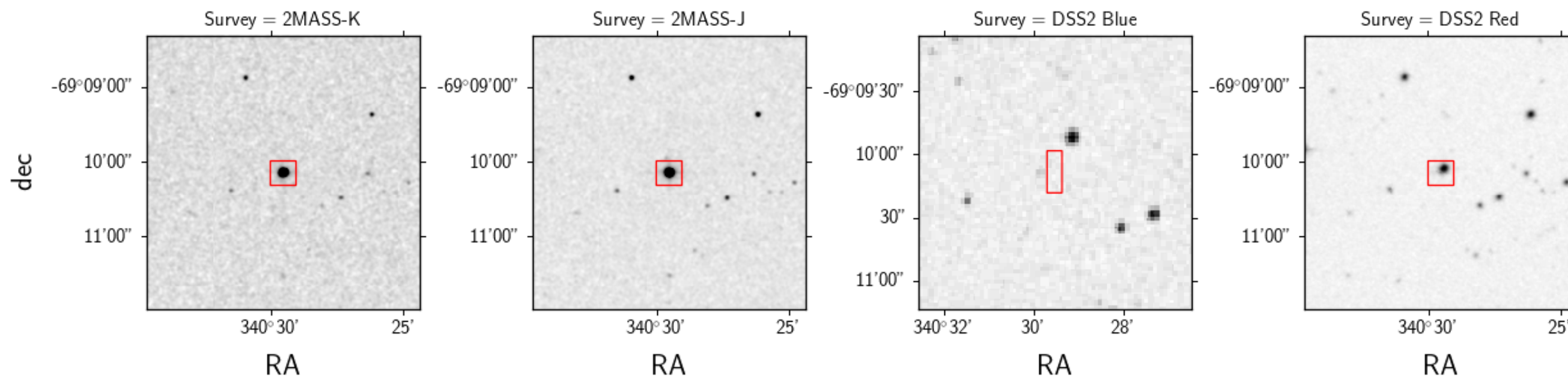


410153553: Extinction Curve & Finder Charts

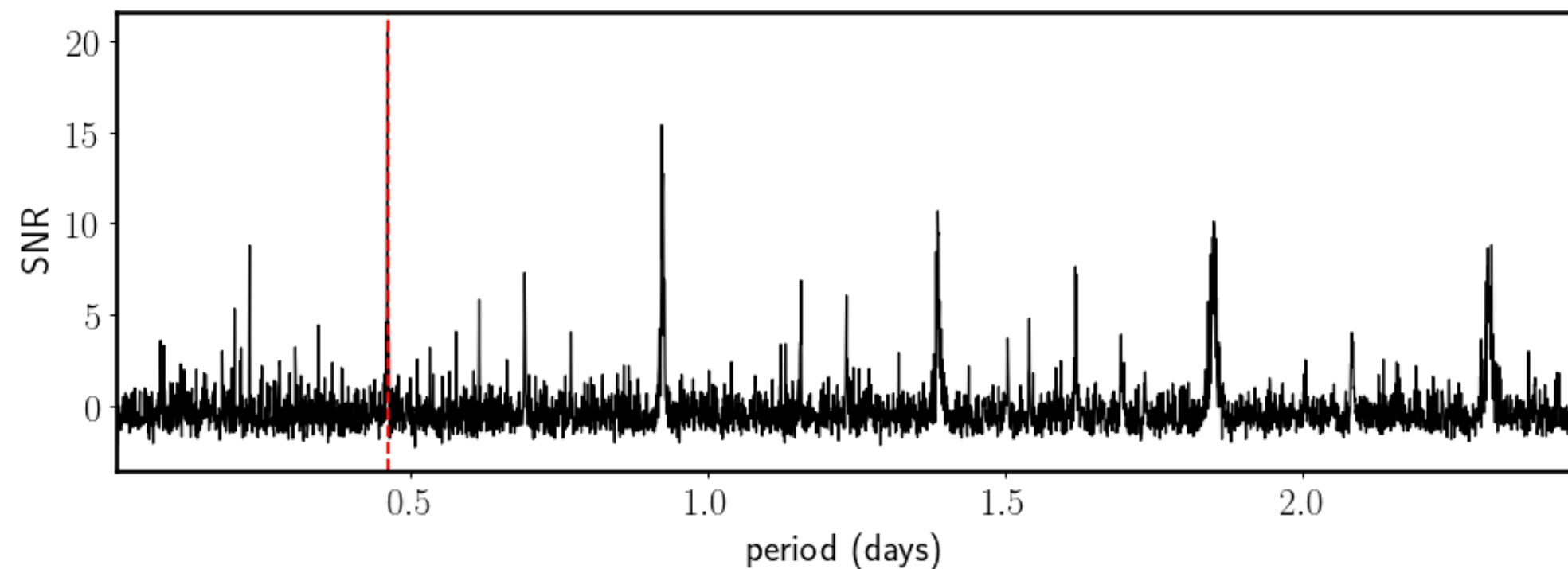
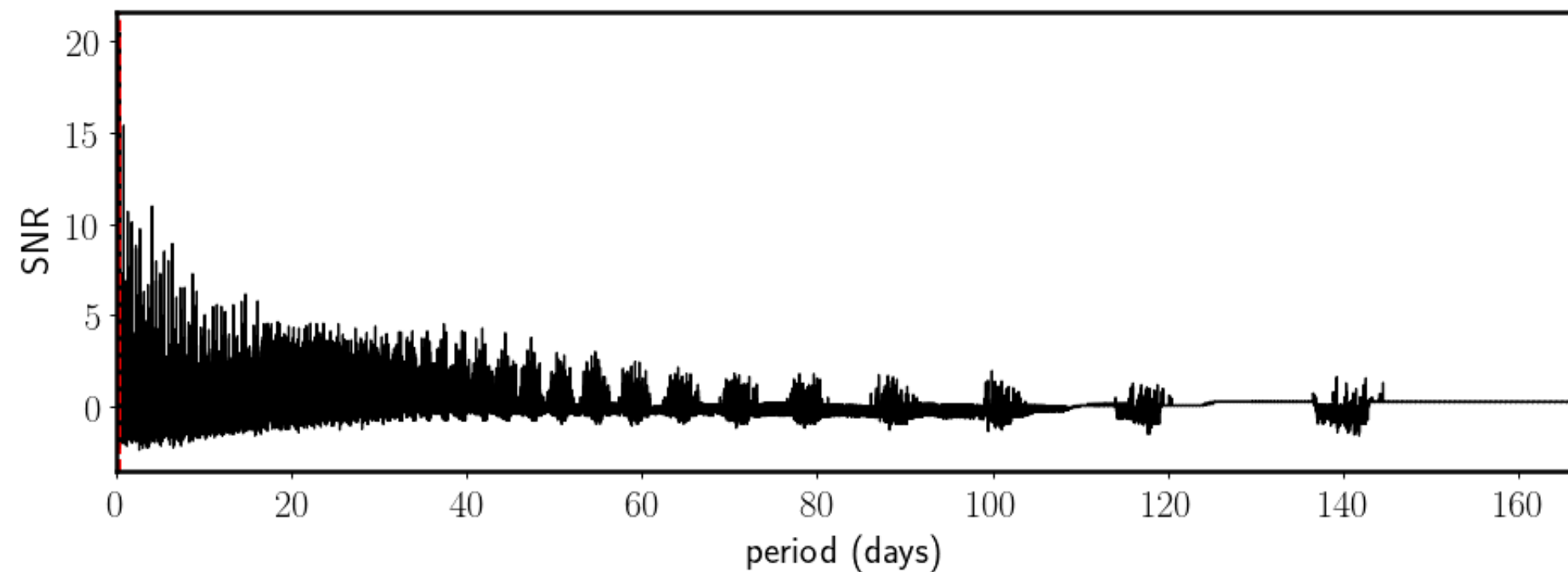


Stellar Parameters

teff: 3004.0	rmag: None
Teffsed: 4500	zmag: None
logg: 5.08528	jmag: 10.046
loggsed: 2.0	hmag: 9.477
rad: 0.188624	kmag: 9.145
mass: 0.157909	w1mag: None
tmag: 11.9238	w2mag: None
umag: None	w3mag: None
bmag: 16.942	w4mag: None
gmag: None	



410153553.01: BLS Analysis



410153553: BLS Data:

Depth: 0.0019
 Npointsaftertransit: 282
 Npointsbeforetransit: 284
 Npointsintransit: 279
 Ntransits: 101
 OOTmag: 11.9
 Period: 0.463
 Qingress: 0.220
 Qtran: 0.064
 Rednoise: 0.00031
 SDE: 27.7
 SN: 46.4
 SR: 0.0004
 SignaltoPinknoise: 19.61
 Tc: 1325.6987
 Whitenoise: 0.0015
 deltaChi2: -3.5
 fraconenight: 0.077
 i1: 0.60
 i2: 0.66