Table 1. Median values and 68% confidence interval for OGLE-TR-1055.

Parameter	Units	Values
Stellar Parameters:		
M_*	Mass ($M_\odot$)	$0.97^{+0.21}_{-0.11}$
R_*	Radius ($R_\odot$)	$3.00^{+0.33}_{-0.25}$
$R_{*,SED}$ ..	Radius[1] ($R_\odot$)	$3.09^{+0.38}_{-0.29}$
L_*	Luminosity ($L_\odot$)	$5.5^{+1.8}_{-1.1}$
F_{Bol}	Bolometric Flux (cgs)	$0.0000000000539^{+0.0000000000041}_{-0.0000000000058}$
ρ_*	Density (cgs)	$0.052^{+0.017}_{-0.014}$
$\log g$	Surface gravity (cgs)	$3.477^{+0.093}_{-0.10}$
$T_{\rm eff}$	Effective Temperature (K)	5090^{+230}_{-190}
$T_{\rm eff,SED}$ ..	Effective Temperature[1] (K)	5020^{+240}_{-200}
[Fe/H]..	Metallicity (dex)	$-0.46^{+0.23}_{-0.48}$
$[{\rm Fe/H}]_0$.	Initial Metallicity[2]	$-0.47^{+0.23}_{-0.46}$
Age	Age (Gyr)	$8.5^{+3.7}_{-3.9}$
EEP	Equal Evolutionary Phase[3]	$480.5^{+4.1}_{-3.5}$
A_V	V-band extinction (mag)	$1.687^{+0.082}_{-0.17}$
σ_{SED}	SED photometry error scaling	$25.3^{+4.5}_{-3.5}$
ϖ	Parallax (mas)	$0.547^{+0.065}_{-0.069}$
d	Distance (pc)	1830^{+260}_{-200}
Planetary Parameters:		b
P	Period (days)	$2.104221^{+0.000025}_{-0.000026}$
R_P	Radius ($R_{\rm J}$)	$1.067^{+0.11}_{-0.089}$
M_P	Mass[4] ($M_{\rm J}$)	43^{+33}_{-31}
T_C	Time of conjunction[5] ($\rm BJD_{TDB}$)	$2455503.963^{+0.022}_{-0.017}$
T_T	Time of minimum projected separation[6] ($\rm BJD_{TDB}$)	$2455503.963^{+0.022}_{-0.017}$
T_0	Optimal conjunction Time[7] ($\rm BJD_{TDB}$)	$2456882.2281^{+0.0088}_{-0.0067}$
a	Semi-major axis (AU)	$0.0323^{+0.0021}_{-0.0013}$
i	Inclination (Degrees)	$72.5^{+4.0}_{-4.3}$
T_{eq}	Equilibrium temperature[8] (K)	2370^{+180}_{-130}
$\tau_{\rm circ}$	Tidal circularization timescale (Gyr)	$2.4^{+3.2}_{-1.9}$
K	RV semi-amplitude[4] (m/s)	6400^{+4900}_{-4600}
R_P/R_* ..	Radius of planet in stellar radii	$0.0368^{+0.0025}_{-0.0023}$
a/R_* ...	Semi-major axis in stellar radii	$2.32^{+0.23}_{-0.24}$
δ	$\left(R_P/R_*\right)^2$	$0.00135^{+0.00019}_{-0.00017}$
$\delta_{\rm I}$	Transit depth in I (fraction)	$0.00142^{+0.00017}_{-0.00016}$
$\delta_{\rm V}$	Transit depth in V (fraction)	0.00147 ± 0.00020
τ	Ingress/egress transit duration (days)	$0.0165^{+0.0053}_{-0.0035}$
T_{14}	Total transit duration (days)	$0.236^{+0.024}_{-0.021}$

Table 1 continued on next page

Table 1 *(continued)*

Parameter	Units	Values
T_{FWHM} ..	FWHM transit duration (days)	$0.217^{+0.025}_{-0.020}$
b	Transit Impact parameter	$0.706^{+0.087}_{-0.12}$
$\delta_{S,2.5\mu m}$ ..	Blackbody eclipse depth at 2.5μm (ppm)	269^{+54}_{-40}
$\delta_{S,5.0\mu m}$ ..	Blackbody eclipse depth at 5.0μm (ppm)	428^{+69}_{-55}
$\delta_{S,7.5\mu m}$ ..	Blackbody eclipse depth at 7.5μm (ppm)	491^{+75}_{-61}
ρ_P	Density[4] (cgs)	42^{+38}_{-31}
$logg_P$ ...	Surface gravity[4]	$4.98^{+0.24}_{-0.59}$
Θ	Safronov Number	$2.7^{+2.2}_{-2.0}$
$\langle F \rangle$	Incident Flux (10^9 erg s^{-1} cm^{-2})	$7.1^{+2.4}_{-1.5}$
T_P	Time of Periastron (BJD$_{\rm TDB}$)	$2455503.963^{+0.022}_{-0.017}$
T_S	Time of eclipse (BJD$_{\rm TDB}$)	$2455502.911^{+0.022}_{-0.017}$
T_A	Time of Ascending Node (BJD$_{\rm TDB}$)	$2455505.541^{+0.021}_{-0.017}$
T_D	Time of Descending Node (BJD$_{\rm TDB}$)	$2455504.489^{+0.021}_{-0.017}$
V_c/V_e ...	.....	1.00
$M_P \sin i$.	Minimum mass[4] (M_J)	41^{+32}_{-30}
M_P/M_* .	Mass ratio[4]	$0.041^{+0.034}_{-0.030}$
d/R_* ...	Separation at mid transit	$2.32^{+0.23}_{-0.24}$
P_T	A priori non-grazing transit prob	$0.414^{+0.049}_{-0.038}$
$P_{T,G}$	A priori transit prob	$0.446^{+0.052}_{-0.040}$

Wavelength Parameters:		I	V
u_1	linear limb-darkening coeff	$0.350^{+0.061}_{-0.075}$	$0.558^{+0.088}_{-0.11}$
u_2	quadratic limb-darkening coeff	$0.242^{+0.048}_{-0.046}$	$0.196^{+0.073}_{-0.069}$

Transit Parameters:		OGLE UT 2010-03-06 (I)	OGLE UT 2010-03-06 (V)	OGLE UT 2010-11-03
σ^2	Added Variance	$0.00003630^{+0.00000053}_{-0.00000052}$	$0.0000436^{+0.0000069}_{-0.0000062}$	$0.00003632^{+0.00000053}_{-0.00000051}$
F_0	Baseline flux	1.000227 ± 0.000056	1.00004 ± 0.00056	1.000226 ± 0.000056

See Table 3 in Eastman, J. et al., 2019, arXiv:1907.09480 for a detailed description of all parameters

[1] This value ignores the systematic error and is for reference only

[2] The metallicity of the star at birth

[3] Corresponds to static points in a star's evolutionary history. See §2 in Dotter, A., 2016, ApJS, 222, 8

[4] Uses measured radius and estimated mass from Chen, J., & Kipping, D. 2017, ApJ, 834, 17

[5] Time of conjunction is commonly reported as the "transit time"

[6] Time of minimum projected separation is a more correct "transit time"

[7] Optimal time of conjunction minimizes the covariance between T_C and Period

[8] Assumes no albedo and perfect redistribution