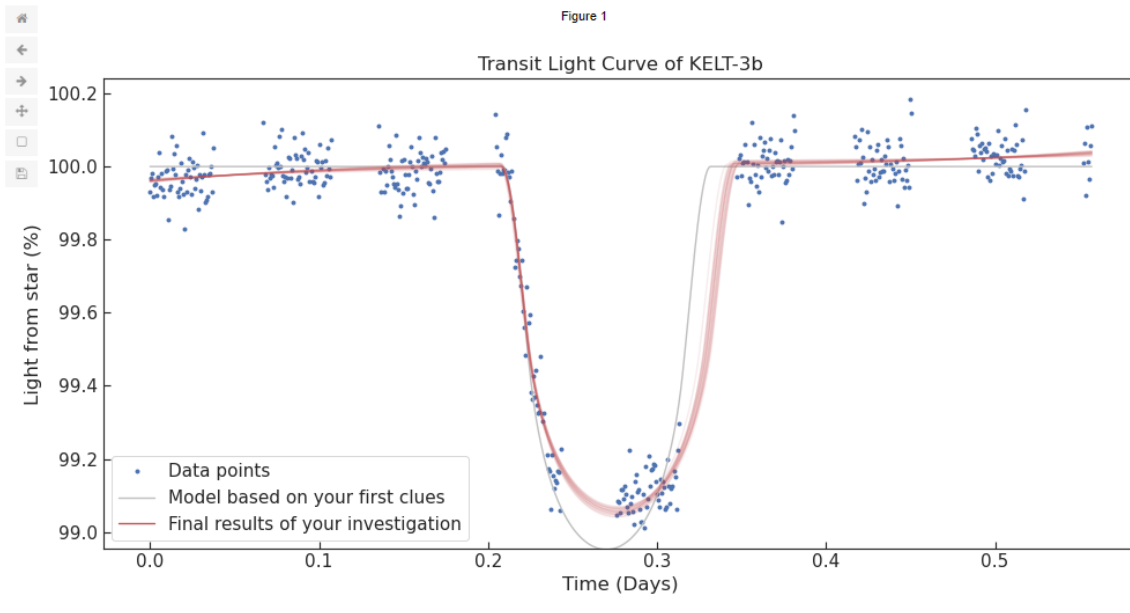


# KELT-3b: Data and Light Curve

Light curve

Histograms

Table



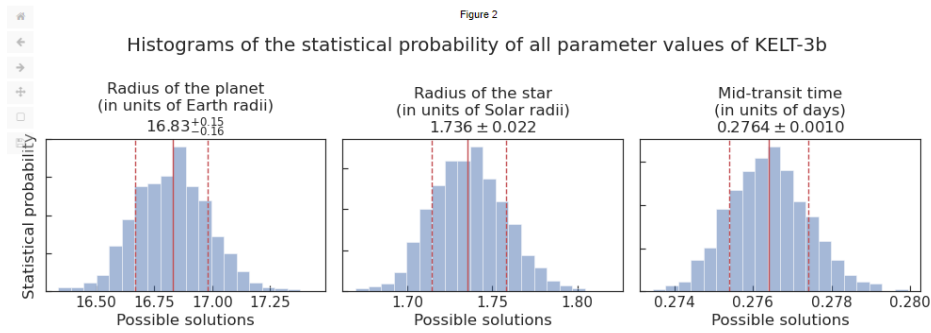
Download the light curve figure here:

## Transit Light Curve of KELT-3b

Light curve

Histograms

Table



The histograms show the probability of each parameter having a certain value.

The central, solid line shows the median value of each parameter.

The dashed lines to the left and right of it indicate the lower and upper bounds, respectively.

These are called the 1-sigma uncertainties. That means, statistically we can be 68% sure that the true value lies within them.

Note that this means it is possible that the true value of a parameter lies outside of these bounds;

they are only statistical uncertainties, not definite limits.

Download the histogram figure here:

[results/KELT-3b/histograms.pdf](https://results/KELT-3b/histograms.pdf)

## Histograms of KELT-3b

Light curve		Histograms		Table		
Name	Median value	Lower error	Upper error	Case note	Target	
Radius of the planet (in units of Earth radii)	16.83	0.16	0.15	Cheops observations	KELT-3b	
Radius of the star (in units of Solar radii)	1.736	0.021	0.022	Cheops observations	KELT-3b	
Mid-transit time (in units of days)	0.2764	0.0010	0.0010	Cheops observations	KELT-3b	
Orbital period (in units of days)	2.70339			Other observations from the archive	KELT-3b	
Orbital semi-major axis (in units of AU)	0.0464			Other observations from the archive	KELT-3b	

Download the table here:  
<results/KELT-3b/table.txt>

## Table of KELT-3b