

How to interpret P values, according to xkcd :-)

Description

[Tweet](#)

Background:

When you perform a hypothesis test in statistics, a p-value helps you determine the significance of your results. Hypothesis tests are used to test the validity of a claim that is made about a population. This claim that's on trial, in essence, is called the null hypothesis. [\(continue here...\)](#)

[The xkcd view](#)

<u>P-VALUE</u>	<u>INTERPRETATION</u>
0.001]— HIGHLY SIGNIFICANT
0.01	
0.02	
0.03	
0.04]— SIGNIFICANT
0.049	
0.050]— OH CRAP, REDO CALCULATIONS.
0.051]— ON THE EDGE OF SIGNIFICANCE
0.06	
0.07]— HIGHLY SUGGESTIVE, SIGNIFICANT AT THE P<0.10 LEVEL
0.08	
0.09	
0.099]— HEY, LOOK AT THIS INTERESTING SUBGROUP ANALYSIS
≥0.1	

Category

1. Uncategorized

Date

16/06/2026

Date Created

03/03/2015

Author

admin