

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

## Description

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### Background:Â

“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 thatâ€™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

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