

12: Hypothesis Test for a Population Proportion

Hypothesis Test for a Population Proportion

This calculator performs the hypothesis test for a population proportion given statistics. Please report the error to Dr. Jessica Kuang at jkuangATvcccd.edu.

To learn how to use this calculator, please watch a [short video](#) here.

Input

Fill in the sample size, n , the number of successes, x , the hypothesized population proportion p_0 , and indicate if the test is left tailed, $<$, right tailed, $>$, or two tailed, \neq . Then hit "Calculate" and the test statistic and p-Value will be calculated for you.

Sample Size (n):

Number of Success (x):

Choose the test

- ☒ $<$
☐ $>$
☐ \neq

Hypothesized Population Proportion (p_0):

Calculate

Output

Test Statistics (z)

p-value:

Scientific Calculator

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