

14: Hypothesis Test for a Population Mean Given Data

Hypothesis Test for a Population Mean With Data

This calculator performs the hypothesis test for a population mean 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 \(coming up\)](#).

Input

Type in the values from the data set separated by commas, for example, 2,4,5,8,11,2. Then choose the left, right, or two-tailed test and the hypothesized mean. Finally hit Calculate and the sample mean, then the test statistic and the p-value will be shown.

Data:

Choose the test

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Hypothesized Population Mean (μ_0):

Calculate

Output

Sample Mean (\bar{x}):

Standard Deviation (s):

Test Statistics (t)

p-value:

Scientific Calculator

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