17: Two Independent Sample Means Comparison Given Data

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This calculator performs the hypothesis test and also constructs a confidence interval for $\mu_1 - \mu_2$ given data. 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 two data sets separated by commas, for example, 2,4,5,8,11,2. Enter the statistics, the tail type, and the confidence level then hit Calculate. The test statistic, p-value, and the boundaries for the confidence interval. Be sure to enter the confidence level as a decimal, e.g., 95% should be entered as 0.95.

Data

choose a test

- ◉ $<$
- ○ $>$
- ○ $\neq$

Data

Confidence Level (enter a decimal):

0.95

Calculate

Output

Test Statistics (t):	p-value	Lower bound	Upper Bound

Scientific Calculator