

16: Two Independent Sample Means Comparison Given Statistics

Two Independent Samples with statistics Calculator

This calculator performs the hypothesis test and also constructs a confidence interval for $\mu_1 - \mu_2$ for two population means 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

Enter the statistics, the tail type, and the confidence level and hit Calculate and 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.

	Sample Size	Sample Mean	Sample Standard Deviation
First Sample	<input type="text"/>	<input type="text"/>	<input type="text"/>
	choose a test <input checked="" type="radio"/> < <input type="radio"/> > <input type="radio"/> ≠		
Second Sample	<input type="text"/>	<input type="text"/>	<input type="text"/>

Confidence Level (Enter a Decimal):

Calculate

Output

Test Statistics (t):	p-value:	Lower Bound:	Upper Bound:
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Scientific Calculator

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