18: Two Dependent Sample Means Comparison Given Data

Two dependent Samples Means Comparison Given data

This calculator performs a hypothesis test and creates a confidence interval for two dependent sample means given the data sets. 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. Then enter the tail type and the confidence level and hit Calculate and the test statistic, t, the p-value, p, the confidence interval's lower bound, LB, the upper bound, UB, and the data set of the differences will be shown. Be sure to enter the confidence level as a decimal, e.g., 95% has a CL of 0.95.

Data1:

choose a test

- (•) <
- ( ) >
- ( ) ≠

Data2:

Confidence Level (enter a decimal):

0.95

Calculate

Output

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

Scientific Calculator