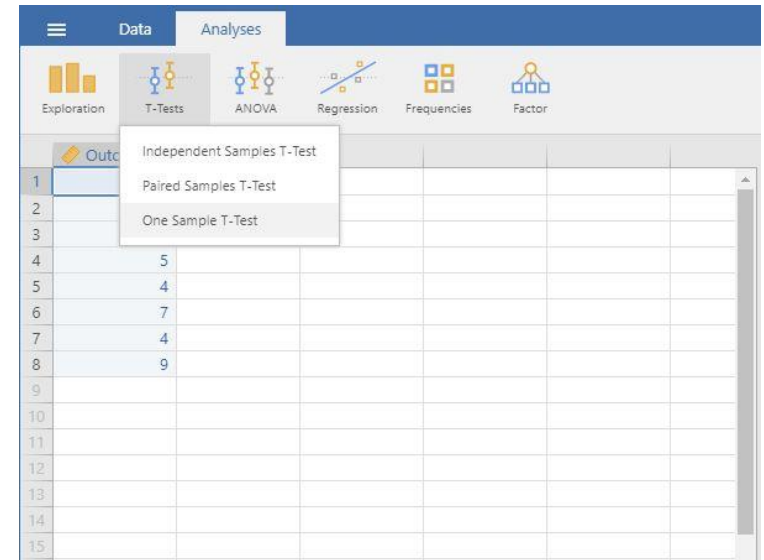


# Confidence Interval for a Mean

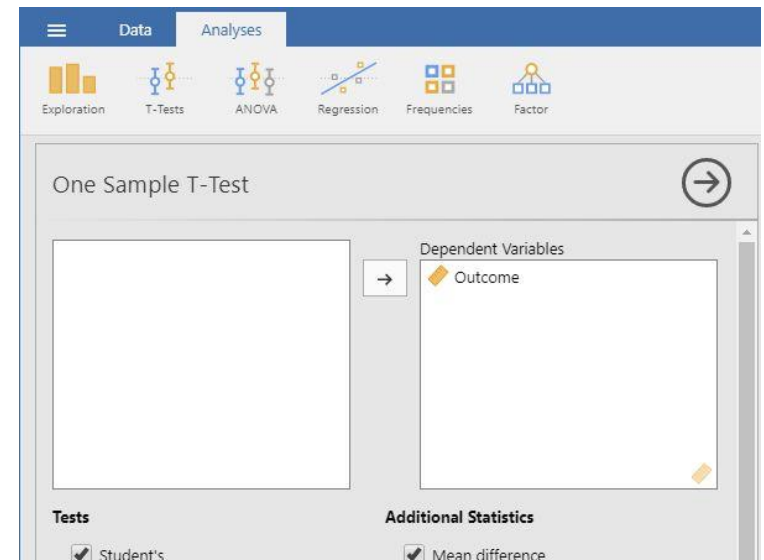
## Selecting the Analysis

1. First, enter the data (described elsewhere).
2. On the “Analysis” tab, select the “T-Tests → One Sample T-Test” option.



## Choosing Variables

3. A set of options will then appear for you to choose the variables and statistics of interest.
4. Select the variable you wish to analyze by clicking on it in the left-hand box and then the arrow to move it into the right-hand box.
5. Output will automatically appear on the right side of the window.



## Obtaining Inferential Statistics

6. To get the confidence interval for the mean, make sure the “Test Value” is set to zero.
7. Check the “Confidence Interval” box (and alter the width of the interval if desired).
8. Similarly, select other options that are important for you: “Descriptives” will offer a mean and standard deviation for the variable; and “Descriptives plots” will provide a graph of the confidence interval.
9. Updated output will automatically appear on the right side of the window.

**Tests**

☒ Student's  
☐ Bayes factor  
Prior 0.707  
☐ Wilcoxon rank

**Hypothesis**

Test value 0

☒ ≠ Test value  
☐ > Test value  
☐ < Test value

**Missing values**

☒ Exclude cases analysis by analysis  
☐ Exclude cases listwise

**Additional Statistics**

☐ Mean difference  
☐ Effect size  
☒ Confidence interval  
Interval 95 %  
☒ Descriptives  
☒ Descriptives plots

**Assumption Checks**

☐ Normality (Shapiro-Wilk)  
☐ Normality (Q-Q plot)