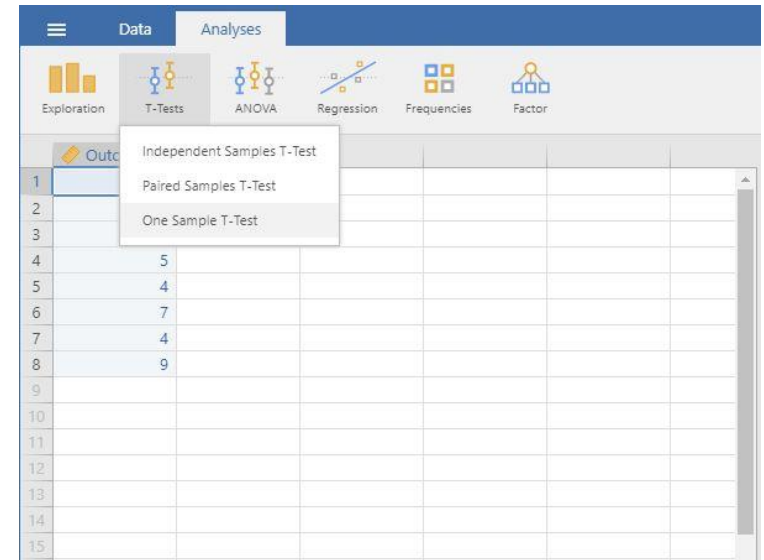


# One Sample t Test

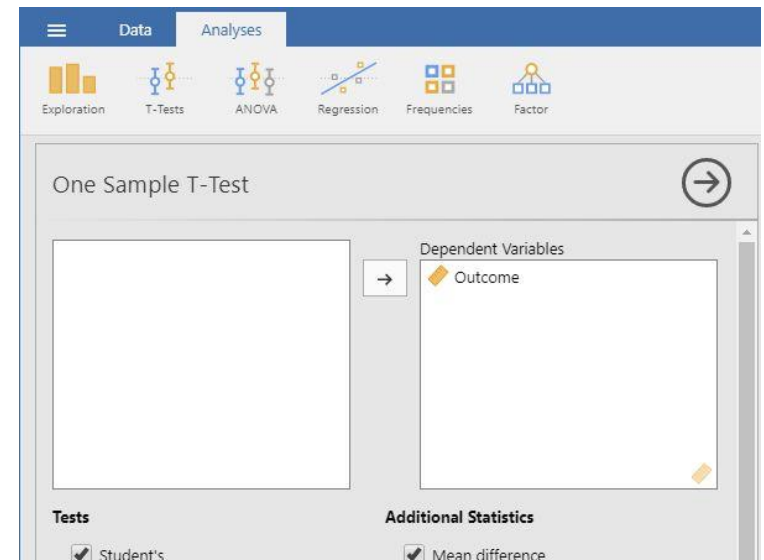
## Selecting the Analysis

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



## Obtaining Inferential Statistics

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 Additional Statistics**

6. Be sure to enter a known or hypothesized mean into the “Test Value” field. If you do not enter a value here, jamovi will automatically use zero as the comparison mean.
7. If you wish to view (and alter) the width of the confidence interval, check the “Confidence Interval” box.
8. Similarly, select other options that are important for you: “Mean Difference” will display the size of the difference between the two means; “Effect size” will display Cohen’s d; and “Descriptives” will offer a mean and standard deviation for the variable.
9. Updated output will automatically appear on the right side of the window.

The screenshot shows the 'Tests' and 'Additional Statistics' panels in the Jamovi software interface. The 'Tests' panel on the left includes options for 'Student's' (checked), 'Bayes factor' (unchecked), and 'Wilcoxon rank' (unchecked). The 'Prior' value is set to 0.707. The 'Hypothesis' section shows 'Test value' as 1, with radio buttons for '≠ Test value' (selected), '> Test value', and '< Test value'. The 'Missing values' section has radio buttons for 'Exclude cases analysis by analysis' (selected) and 'Exclude cases listwise'. The 'Additional Statistics' panel on the right includes 'Mean difference' (checked), 'Effect size' (checked), 'Confidence interval' (checked) with an 'Interval' of 95%, 'Descriptives' (checked), and 'Descriptives plots' (unchecked). The 'Assumption Checks' section has checkboxes for 'Normality (Shapiro-Wilk)' and 'Normality (Q-Q plot)', both of which are unchecked.

**Your data have now been analyzed!**