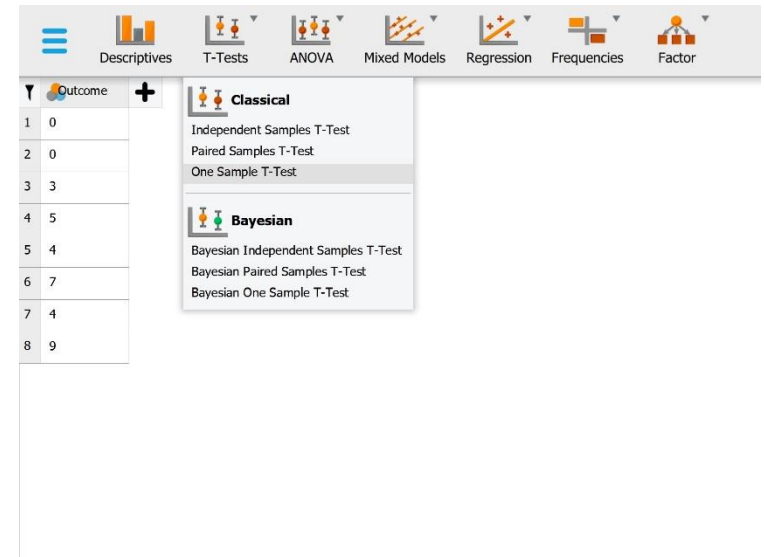


One Sample t Test

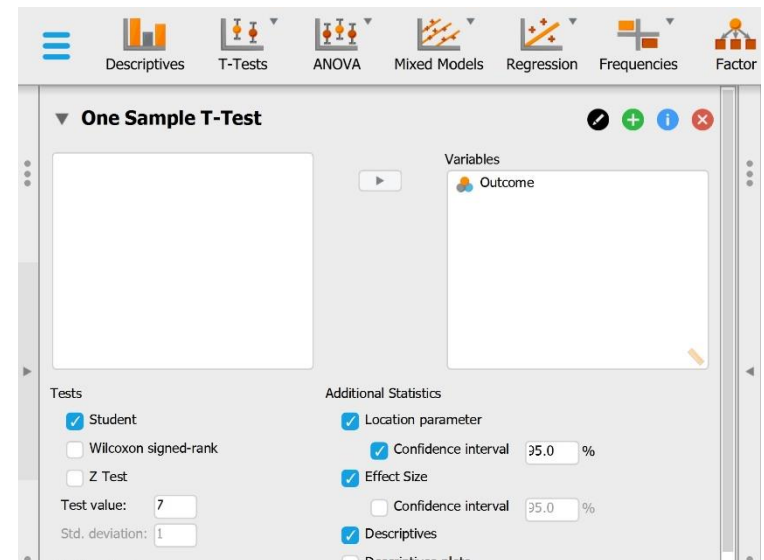
Selecting the Analysis

1. First, enter the data (described elsewhere)
2. In the "Analyses" section of the menu, select the "T-Tests → One Sample T-Test" option.



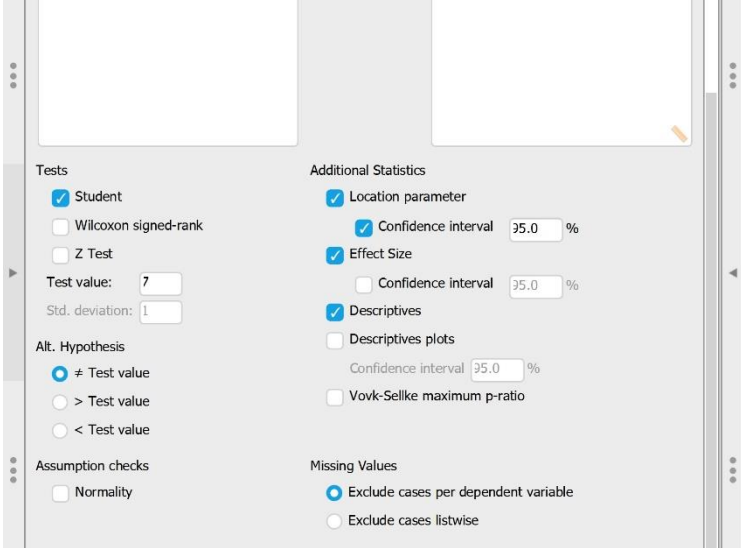
Obtaining Inferential Statistics

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. Be sure to enter a known or hypothesized mean into the "Test Value" field. If you do not enter a value here, JASP will automatically use zero as the comparison mean.
6. Output will automatically appear on the right side of the window.



Obtaining Additional Statistics

7. Select the options that are important for you: “Location parameter” 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 group.
8. If you wish to view (and alter) the widths of the confidence intervals, check the relevant “Confidence Interval” boxes.
9. Updated output will automatically appear on the right side of the window.



The image shows the 'Additional Statistics' dialog box in SPSS. The 'Tests' section on the left has 'Student' checked, with 'Test value' set to 7 and 'Std. deviation' set to 1. The 'Alt. Hypothesis' section has '≠ Test value' selected. The 'Assumption checks' section has 'Normality' unchecked. The 'Additional Statistics' section on the right has 'Location parameter' checked, with 'Confidence interval' and 'Effect Size' both checked and set to 95.0%. 'Descriptives' is also checked, with 'Confidence interval' set to 95.0%. 'Descriptives plots' and 'Vovk-Sellke maximum p-ratio' are unchecked. The 'Missing Values' section at the bottom has 'Exclude cases per dependent variable' selected.

Tests

- ☒ Student
- ☐ Wilcoxon signed-rank
- ☐ Z Test

Test value: 7

Std. deviation: 1

Alt. Hypothesis

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

Assumption checks

- ☐ Normality

Additional Statistics

- ☒ Location parameter
- ☒ Confidence interval 95.0 %
- ☒ Effect Size
- ☐ Confidence interval 95.0 %
- ☒ Descriptives
- ☐ Descriptives plots
- Confidence interval 95.0 %
- ☐ Vovk-Sellke maximum p-ratio

Missing Values

- ☒ Exclude cases per dependent variable
- ☐ Exclude cases listwise

Your data have now been analyzed!