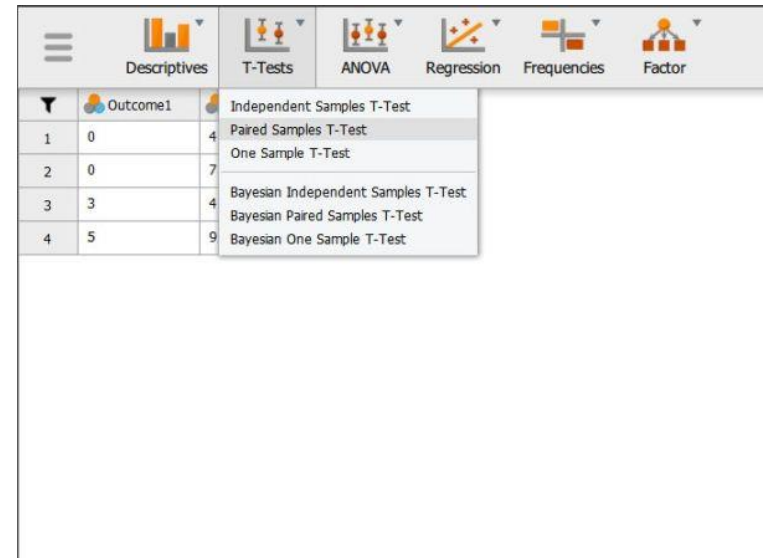


Paired Samples t Test

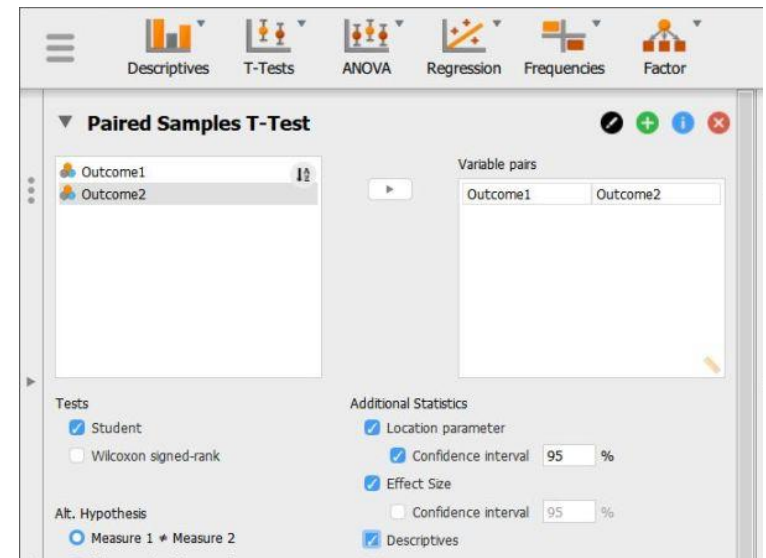
Selecting the Analysis

1. First, enter paired samples data (described elsewhere).
2. In the "Analyses" section of the menu, select the "T-Tests → Paired Samples 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 variables you wish to analyze by clicking on both of them while holding down the "CTRL" key. Then click on the arrow to move the pair of variables to the right-hand box.
5. Output will automatically appear on the right side of the window.



Obtaining Additional Statistics

6. 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 means and standard deviations for each variable.
7. If you wish to view (and alter) the widths of the confidence intervals, check the “Confidence Interval” boxes.
8. Updated output will automatically appear on the right side of the window.

The screenshot shows the SPSS 'Additional Statistics' dialog box for a two-sample t-test. The dialog is divided into several sections:

- Tests:** The 'Student' option is selected with a checked checkbox. The 'Wilcoxon signed-rank' option is unselected.
- Alt. Hypothesis:** The 'Measure 1 ≠ Measure 2' option is selected with a radio button. The other two options, 'Measure 1 > Measure 2' and 'Measure 1 < Measure 2', are unselected.
- Assumption Checks:** The 'Normality' option is unselected.
- Additional Statistics:** The 'Location parameter' option is selected with a checked checkbox. Below it, the 'Confidence interval' is set to 95%. The 'Effect Size' option is also selected with a checked checkbox, and its 'Confidence interval' is also set to 95%. The 'Descriptives' option is selected with a checked checkbox. Below it, the 'Descriptives plots' option is unselected, and the 'Confidence interval' is set to 95%. The 'Vovk-Selike maximum p-ratio' option is unselected.
- Missing Values:** The 'Exclude cases analysis by analysis' option is selected with a radio button. The 'Exclude cases listwise' option is unselected.

The background of the dialog shows two empty output windows labeled 'Outcome1' and 'Outcome2'.

Your data have now been analyzed!