

SPSS Guide: Chapter 6

How to calculate a Paired Samples T-Test:

- Go to Analyze
- Select Compare Means
- Select Paired-Samples T Test
- Select the two variables you want to compare
- Select the arrow button to move the pair to the Paired Variables list
- Select OK to calculate t-test

How to calculate an Independent Samples T-Test:

- Go to Analyze
- Select Compare Means
- Select Independent Samples T Test
- Select one or more quantitative test variables
- Select the arrow button to move the variable to the Test Variable list
- Select a grouping variable
- Select the arrow button to move the variable to the Grouping Variable list
- Select Define Groups
- Select either Use Specified Values to specify a specific value for each group or Cut Point for a specific cut-off point
- Select Continue
- Select OK to calculate t-test

How to calculate a Wilcoxon Signed Ranks Test:

- Go to Analyze
- Select Nonparametric Tests
- Select 2 Related Samples
- Select one or more pairs of variables
- Click the arrow button to move the pair into the Test Pairs List
- Under Test Type select Wilcoxon
- Select OK to calculate Wilcoxon test

How to calculate a Mann-Whitney-Wilcoxon Test:

- Go to Analyze
- Select Nonparametric Tests
- Select 2 Independent Samples
- Select one or more quantitative test variables
- Select the arrow button to move the variable to the Test Variable list
- Select a grouping variable
- Select the arrow button to move the variable to the Grouping Variable list
- Select Define Groups
- Select a value for each group
- Select Continue
- Under Test Type select Mann-Whitney U
- Select OK to calculate Mann-Whitney-Wilcoxon test