One Sample T-Test

Edit Data | Descriptives | T-Tests | ANOVA | Mixed Models | Regression | Frequencies | Factor

▼ One Sample T-Test

ID

Variables

x

Tests
- ☑ Student
- ☐ Wilcoxon signed-rank
- ☐ Z Test

Test value: 67.5
Std. deviation: 1

Alternative Hypothesis
- ⦿ ≠ Test value
- ◯ > Test value
- ◯ < Test value

Assumption checks
- ☐ Normality
- ☐ Q-Q plot residuals

Missing Values
- ⦿ Exclude cases per variable
- ◯ Exclude cases listwise

Additional Statistics
- ☑ Location estimate
  - ☑ Confidence interval 95.0 %
- ☑ Effect size
  - ☐ Confidence interval 95.0 %
- ☐ Descriptives
- ☐ Vovk-Sellke maximum p-ratio

Plots
- ☐ Descriptives plots
  - Confidence interval 95.0 %
- ☐ Raincloud plots
  - ☐ Horizontal display
- ☐ Bar plots
  - ◯ Confidence interval 95.0 %
  - ◯ Standard error
  - ◯ Fix horizontal axis to 0

Results

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	t	df	p	Mean Difference	95% CI for Mean Difference		Cohen's d	SE Cohen's d
					Lower	Upper		
x	2.255	19	0.036	4.800	0.344	9.256	0.504	0.237

Note. For the Student t-test, the alternative hypothesis specifies that the mean is different from 67.5.
Note. Student's t-test.