T-Test

Notes

Output Created		26-MAR-2022 16:16:32
Comments		
Input	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	20
Missing Value Handling	Definition of Missing	User defined missing values are treated as missing.
	Cases Used	Statistics for each analysis are based on the cases with no missing or out-of-range data for any variable in the analysis.
Syntax		T-TEST PAIRS=tasktimewithmethodA WITH tasktimewithmethodB (PAIRED) /ES DISPLAY(TRUE) STANDARDIZER(SD) /CRITERIA=CI(.9500) /MISSING=ANALYSIS.
Resources	Processor Time	00:00:00.01
	Elapsed Time	00:00:00.00

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	task time with method A	8.12537840	20	1.04489667	.233645999
	task time with method B	9.85870717	20	.760166873	.169978480

Paired Samples Correlations

		N	Correlation	Significance One-Sided p	Significance Two-Sided p
Pair 1	task time with method A & task time with method B	20	-.198	.202	.403

Paired Samples Test

		Paired Differences			
					95% Confidence ...
		Mean	Std. Deviation	Std. Error Mean	Lower
Pair 1	task time with method A - task time with method B	-1.73332877	1.40849364	.314948752	-2.39252409

Paired Samples Test

		Paired ...			Significance
		95% Confidence Interval of the ...			
		Upper	t	df	One-Sided p
Pair 1	task time with method A - task time with method B	-1.07413346	-5.504	19	<.001

Paired Samples Test

		Significance
		Two-Sided p
Pair 1	task time with method A - task time with method B	<.001

Paired Samples Effect Sizes

					95% ...
			Standardizer[a]	Point Estimate	Lower
Pair 1	task time with method A - task time with method B	Cohen's d	1.40849364	-1.231	-1.807
		Hedges' correction	1.46731789	-1.181	-1.735

Paired Samples Effect Sizes

			95% ...
			Upper
Pair 1	task time with method A - task time with method B	Cohen's d	-.636
		Hedges' correction	-.610

a. The denominator used in estimating the effect sizes.
Cohen's d uses the sample standard deviation of the mean difference.
Hedges' correction uses the sample standard deviation of the mean difference, plus a correction factor.