

## T-Test

### Notes

Output Created		28-MAY-2024 12:35:59
Comments		
Input	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	37
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 GROUPS=mTBIStatus(0 1) /MISSING=ANALYSIS /VARIABLES=BISBrief /ES DISPLAY(TRUE) /CRITERIA=CI(.95).
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.01

[DataSet1]

### Group Statistics

	mTBI Status	N	Mean	Std. Deviation	Std. Error Mean
BIS-Brief	0	25	16.28	3.221	.644
	1	12	16.00	4.328	1.249

### Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means	
		F	Sig.	t	df
BIS-Brief	Equal variances assumed	1.629	.210	.221	35
	Equal variances not assumed			.199	17.076

### Independent Samples Test

		t-test for Equality of Means			
		Significance		Mean Difference	Std. Error Difference
		One-Sided p	Two-Sided p		
BIS-Brief	Equal variances assumed	.413	.826	.280	1.266
	Equal variances not assumed	.422	.844	.280	1.406

### Independent Samples Test

		t-test for Equality of Means	
		95% Confidence Interval of the Difference	
		Lower	Upper
BIS-Brief	Equal variances assumed	-2.291	2.851
	Equal variances not assumed	-2.685	3.245

### Independent Samples Effect Sizes

				95% Confidence Interval	
Standardizer <sup>a</sup>			Point Estimate	Lower	Upper
BIS-Brief	Cohen's d	3.606	.078	-.611	.766
	Hedges' correction	3.685	.076	-.598	.749
	Glass's delta	4.328	.065	-.626	.752

a. The denominator used in estimating the effect sizes.

Cohen's d uses the pooled standard deviation.

Hedges' correction uses the pooled standard deviation, plus a correction factor.

Glass's delta uses the sample standard deviation of the control group.