Independent Samples t Test

Entering the Data

- 1. From the available tabs, select "Independent".
- 2. On the left side, you will be able to enter the data in the shaded cells.
- 3. Enter the data for all the participants. Notice that each participant has a score on both the Group and Outcome Variables. There will be as many rows as people.
- 4. On the categorical Group variable, you will use numbers to represent the two categories (or "levels") of the variable.

Obtaining Descriptive and Inferential Statistics

- 5. Output will automatically appear on the right side of the tab.
- 6. If you wish to alter the confidence intervals for the means, enter the preferred confidence level in the shaded cell after "CI %".

1 4 2.000 2.449 1.225 -1.898 5 2 4 6.000 2.449 1.225 2.102 9							
2	Case	Group	Outcome				
3	1	1	0				
4 1 5 5 2 4 6 2 7 7 7 2 4 8 2 9 9 10 11 12 13 14 15 Independent Samples t Test Group Statistics Group N M SD SE CI for M 1 4 2.000 2.449 1.225 -1.898 5 2 4 6.000 2.449 1.225 2.102 9 Total 8 4.000 3.117 1.102 1.394 6	2	1	0				
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7	5	2	4				
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CI % : CI for M	14						
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Group N M SD SE Cl for N 1 4 2.000 2.449 1.225 -1.898 5 2 4 6.000 2.449 1.225 2.102 9 Total 8 4.000 3.117 1.102 1.394 6			mples t Te	st		01.04	05
1 4 2.000 2.449 1.225 -1.898 5 2 4 6.000 2.449 1.225 2.102 9 Total 8 4.000 3.117 1.102 1.394 6	sroup St	atistics				CI % :	95
1 4 2.000 2.449 1.225 -1.898 5 2 4 6.000 2.449 1.225 2.102 9 Total 8 4.000 3.117 1.102 1.394 6	Group	N	М	SD	SE	CI for M	
Total 8 4.000 3.117 1.102 1.394 6		4	2.000	2.449	1.225		5.898
	2	4	6.000	2.449	1.225	2.102	9.898
Independent Samples T Test	Total	8	4.000	3.117	1.102	1.394	6.606
Independent Samples T Test							
	ndepend	lent Samp	oles T Test				
t df p Diff. SE CI for Dif	t	df	р	Diff.	SE	CI for Diff.	
-2.309 6 0.060 -4.000 1.732 -8.238 0			0.060	-4 000	1.732	-8.238	0.238