

Repeated Measures ANOVA

Entering the Data

1. From the available tabs, select "Repeated".
2. On the left side, you will be able to enter the data in the shaded cells.
3. Enter the data in the individual cells of the column for the variable.
Note that each cell should contain a single score for an individual person. There will be as many rows as people.
4. Notice that each individual (i.e., the rows) has a value for each instance of the within-subjects variable (i.e., the columns).

Repeated Measures Data						
Case	Level 1	Level 2	Level 3	Level 4	k	M
1	0	4			2.000	2.000
2	0	7			2.000	3.500
3	3	4			2.000	3.500
4	5	9			2.000	7.000
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						

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 %".

Repeated Measures ANOVA						
Descriptives				CI %:	95	
Level	N	M	SD	SE	CI for M	
1	4	2.000	2.449	1.225	-1.898	5.898
2	4	6.000	2.449	1.225	2.102	9.898
3						
4						
Total	8	4.000	3.117	1.102	1.394	6.606
Tests of Within Subjects Effects						
Source	SS	df	MS	F	p	Eta-Sq
Factor	32.000	1	32.000	10.667	0.047	0.780
Error	9.000	3	3.000			