

Here is the SPSS output

m. Use the means to compose the usual 2x2 table – be sure to label everything!

Descriptive

Dependent Variable: number of items

Time of	Food	Mean	Std. Deviation	N
day	Crickets	25.125	5.5661	8
	Chow	18.375	4.6885	8
	Total	21.755	7.0757	16
night	Crickets	12.250	5.0638	8
	Chow	12.375	3.8521	8
	Total	12.312	4.3469	16
Total	Crickets	18.687	8.4041	16
	Chow	15.375	4.4253	16
	Total	17.031	7.0447	32

Tests of Between-Subjects Effects

Dependent Variable: number of items eaten

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	884.344 ^a	3	294.781	12.618	.000
Intercept	8482.531	1	8482.531	363.097	.000
TIMODAY	504.031	1	504.031	21.575	.000
FOOD	185.281	1	185.281	7.931	.009
TIMODAY * FOOD	195.031	1	195.031	8.348	.007
Error	654.125	28	23.362		
Total	10021.000	32			
Corrected Total	1538.469	31			

a. R Squared = .575 (Adjusted R Squared = .529)

n = _____

Compute LSDmmd _____.

- n. Is there an interaction? What tells you so?
- o. Indicate in the table above the simple effects that correspond with the phrasing of the interaction RH: (using <, > and/or =)
- p. Does the pattern of the interaction fully, partially, or not support the RH? Why or why not?
- q. Describe the pattern of the interaction, including support/nonsupport for the RH:

- r. Is there a main effect for Time of Day? What tells you so?
- s. Indicate the table above the pattern of the main effect for Time of Day (using <, > and/or =)
- t. Indicate the pattern of the corresponding simple effects (using <, > and/or =). Is the main effect descriptive or misleading?
- u. Describe the pattern of the main effect for Time of Day, including support/nonsupport for the RH:

- v. Is there a main effect for Type of food? What tells you so?
- w. Indicate the table above the pattern of the main effect for Type of Food (using <, > and/or =)
- x. Indicate the pattern of the corresponding simple effects (using <, > and/or =). Is the main effect descriptive or misleading?
- y. Describe the pattern of the main effect for Type of Food, including support/nonsupport for the RH: