

SOURCEBOOK

SPSS Articles

Blank Output

Abstract: This chapter is used as a set of worksheets for class problems. Students fill in their answers on these sheets, thus making clear the links between non-computer (“hand”) calculations and the SPSS output.

Keywords: SPSS output, worksheets

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This document is part of an online statistics Sourcebook.

A browser-friendly viewing platform for this Sourcebook is available:

<https://cwendorf.github.io/Sourcebook>

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Frequencies and Descriptives

Variable: _____

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____
Total		_____	_____	_____	_____

Statistics

Variable: _____

N	Valid	_____
Mean		_____
Std. Deviation		_____
Variance		_____
Percentiles	25	_____
	50	_____
	75	_____

Correlations

Descriptive Statistics

	Mean	Std. Deviation	N
Variable: _____	_____	_____	_____
Variable: _____	_____	_____	_____

Correlations

		Variable: _____	Variable: _____
Variable: _____	Pearson Correlation	_____	_____
	Sig. (2-tailed)		XXXXXX
	Sum of Squares and Cross-products	_____	_____
	Covariance	_____	_____
	N	_____	_____
Variable: _____	Pearson Correlation	_____	_____
	Sig. (2-tailed)	XXXXXX	
	Sum of Squares and Cross-products	_____	_____
	Covariance	_____	_____
	N	_____	_____

Regression

Variables Entered/Removed

Model	Variables Entered	Variables Removed	Method
1	Variable: _____	XXXXXXXXXX	Enter

a All requested variables entered.

b Dependent Variable: _____

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	_____	_____	XXXXXXX	XXXXXXXXXX

a. Predictors: (Constant), _____

Coefficients

Model		Unstandardized Coefficients		Standardized Coefficients		Sig.
		B	Std. Error	Beta	t	
1	(Constant)	_____	XXXX	XXXXXXXXXX	XXXX	XXX
	_____	_____	XXXX	_____	XXXX	XXX

a Dependent Variable: _____

Confidence Interval for a Mean

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Outcome	_____	_____	_____	_____	_____	_____

Descriptives

			Statistic	Std. Error
Outcome	Mean		_____	_____
	95% Confidence Interval for Mean	Lower Bound	_____	
		Upper Bound	_____	
	5% Trimmed Mean		XXXX	
	Median		_____	
	Variance		_____	
	Std. Deviation		_____	
	Minimum		_____	
	Maximum		_____	
	Range		_____	
	Interquartile Range		_____	
	Skewness		XXXX	
	Kurtosis		XXXX	XXXX

One Sample t Test

One-Sample Statistics

	N	Mean	Std. Deviation	Std. Error Mean
DV	_____	_____	_____	_____

One-Sample Test

Test Value = _____

	t	df	Sig. (2-tailed)	Mean Difference	95% Confidence Interval of the Difference	
					Lower	Upper
DV	_____	_____	_____	_____	_____	_____

Paired Samples t Test

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	Variable 1: _____	_____	_____	_____	_____
	Variable 2: _____	_____	_____	_____	_____

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	Variable 1 & Variable 2	_____	_____	_____

Paired Samples Test

		Paired Differences							
		Mean	Std. Dev.	Std. Error Mean	95% Confidence Interval of the Difference		t	df	Sig. (2-tailed)
					Lower	Upper			
Pair 1	Variable 1 & Variable 2	_____	_____	_____	_____	_____	_____	_____	_____

Independent Samples t Test

Group Statistics

	Group	N	Mean	Std. Deviation	Std. Error Mean
DV	Level 1	_____	_____	_____	_____
	Level 2	_____	_____	_____	_____

Independent Samples Test

		t-test for Equality of Means					95% Confidence Interval of the Difference	
		t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
DV	Equal variances assumed	_____	_____	_____	_____	_____	_____	_____
	Equal variances not assumed	XXXX	XXX	XXXX	XXXXXX	XXXXXXX	XXXXXX	XXXXXX

OneWay ANOVA

Descriptives

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean	
					Lower Bound	Upper Bound
Level 1	_____	_____	_____	_____	_____	_____
Level 2	_____	_____	_____	_____	_____	_____
Level 3	_____	_____	_____	_____	_____	_____
Total	_____	_____	_____	_____	_____	_____

ANOVA

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	_____	_____	_____	_____	_____
Within Groups	_____	_____	_____		
Total	_____	_____			

Post Hoc Comparisons

Multiple Comparisons

Dependent Variable: _____

Comparison Procedure : _____

(I) IV	(J) IV	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
Level 1	Level 2	_____	_____	_____	_____	_____
	Level 3	_____	_____	_____	_____	_____
Level 2	Level 1	_____	_____	_____	_____	_____
	Level 3	_____	_____	_____	_____	_____
Level 3	Level 1	_____	_____	_____	_____	_____
	Level 2	_____	_____	_____	_____	_____

*. The mean difference is significant at the .05 level.

Repeated Measures ANOVA

Tests of Between-Subjects Effects

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Intercept	XXXXXXX	XXXX	XXXXXXX	XXXXXX	XXXXXX
Error	_____	_____	_____		

Tests of Within-Subjects Effects

Source		Type III Sum of Squares	df	Mean Square	F	Sig.
Treatment	Sphericity Assumed	_____	_____	_____	_____	_____
	Greenhouse-Geisser	XXXXXXX	XXXX	XXXXXXX	XXXXXX	XXXXXX
	Huynh-Feldt	XXXXXXX	XXXX	XXXXXXX	XXXXXX	XXXXXX
	Lower-bound	XXXXXXX	XXXX	XXXXXXX	XXXXXX	XXXXXX
Error	Sphericity Assumed	_____	_____	_____		
	Greenhouse-Geisser	XXXXXXX	XXXX	XXXXXXX		
	Huynh-Feldt	XXXXXXX	XXXX	XXXXXXX		
	Lower-bound	XXXXXXX	XXXX	XXXXXXX		

Factorial ANOVA

Tests of Between-Subjects Effects

Dependent Variable: _____

Source	Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
Corrected Model	XXXXXXXX	XXXXXX	XXXXXXXX	XXXXXXXX	XXXX	XXXX
Intercept	XXXXXXXX	XXXXXX	XXXXXXXX	XXXXXXXX	XXXX	XXXX
Factor A	_____	_____	_____	_____	_____	_____
Factor B	_____	_____	_____	_____	_____	_____
Factor A * Factor B	_____	_____	_____	_____	_____	_____
Error	_____	_____	_____			
Total	XXXXXXXX	XXXXXX				
Corrected Total	_____	_____				