STATISTICS FOR SOCIAL SCIENCE

VOLUME: SPSS

CHAPTER: 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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Frequencies (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 (Bivariate)

Descriptive Statistics

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

Correlations

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

T-Test (One Sample)

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	_____	____	_____	_____	_____	_____

T-Test (Paired Samples)

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

T-Test (Independent Samples)

Group Statistics

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

Independent Samples Test

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

Oneway (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 Tests (OneWay ANOVA)

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.

General Linear Model (Repeated Measures ANOVA)

Tests of Between-Subjects Effects

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

Tests of Within-Subjects Effects

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

Univariate Analysis of Variance (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	XXXXXXX	XXXXX	XXXXXXX	XXXXXXX	XXXX	XXXX
Intercept	XXXXXXX	XXXXX	XXXXXXX	XXXXXXX	XXXX	XXXX
Factor A	_____	_____	_____	_____	_____	_____
Factor B	_____	_____	_____	_____	_____	_____
Factor A * Factor B	_____	_____	_____	_____	_____	_____
Error	_____	_____	_____			
Total	XXXXXXX	XXXXX				
Corrected Total	_____	_____				