

# **SOURCEBOOK**

## **DEVISE 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 DEVISE output.

**Keywords:** DEVISE 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

## Frequencies for the Data

	Freq	Perc	CummFreq	CummPerc
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
Total	_____	_____	_____	_____

## Percentiles for the Data

	0%	25%	50%	75%	100%
DV	_____	_____	_____	_____	_____

## Summary Statistics for the Data

	N	M	SD	Skew	Kurt
DV	_____	_____	_____	_____	_____

# Correlations

## Summary Statistics for the Data

	N	M	SD	Skew	Kurt
Variable 1	_____	_____	_____	_____	_____
Variable 2	_____	_____	_____	_____	_____

## Covariances for the Data

	Variable 1: _____	Variable 2: _____
Variable 1: _____	_____	_____
Variable 2: _____	_____	_____

## Correlations for the Data

	Variable 1: _____	Variable 2: _____
Variable 1: _____	_____	_____
Variable 2: _____	_____	_____

# Regression

## Summary Statistics for the Data

	N	M	SD	Skew	Kurt
Variable 1	_____	_____	_____	_____	_____
Variable 2	_____	_____	_____	_____	_____

## Covariances for the Data

	Variable 1: _____	Variable 2: _____
Variable 1: _____	_____	_____
Variable 2: _____	_____	_____

## Proportion of Variance Accounted for by the Model

	Est	LL	UL
Model	_____	_____	_____

## Hypothesis Tests for the Regression Coefficients

	Est	SE	t	p
Intercept	_____	_____	_____	_____
_____	_____	_____	_____	_____

# Confidence Interval for a Mean

## Summary Statistics for the Data

	N	M	SD	Skew	Kurt
DV	_____	_____	_____	_____	_____

## Confidence Interval for the Mean

	M	SE	df	LL	UL
DV	_____	_____	_____	_____	_____

# One Sample t Test

## Summary Statistics for the Data

	N	M	SD	Skew	Kurt
DV	_____	_____	_____	_____	_____

## Confidence Interval for the Mean

	M	SE	df	LL	UL
DV	_____	_____	_____	_____	_____

## Hypothesis Test for the Mean

	Diff	SE	df	t	p
DV	_____	_____	_____	_____	_____

# Paired Samples t Test

## Summary Statistics for the Data

	N	M	SD	Skew	Kurt
Outcome 1	_____	_____	_____	_____	_____
Outcome 2	_____	_____	_____	_____	_____

## Confidence Interval for the Mean Difference

	Diff	SE	df	LL	UL
Comparison	_____	_____	_____	_____	_____

## Hypothesis Test for the Mean Difference

	Diff	SE	df	t	p
Comparison	_____	_____	_____	_____	_____



# Independent Samples t Test

## Summary Statistics for the Data

	N	M	SD	Skew	Kurt
Level 1	_____	_____	_____	_____	_____
Level 2	_____	_____	_____	_____	_____

## Confidence Interval for the Mean Difference

	Diff	SE	df	LL	UL
Comparison	_____	_____	_____	_____	_____

## Hypothesis Test for the Mean Difference

	Diff	SE	df	t	p
Comparison	_____	_____	_____	_____	_____

# OneWay ANOVA

## Summary Statistics for the Data

	N	M	SD	Skew	Kurt
Level 1	_____	_____	_____	_____	_____
Level 2	_____	_____	_____	_____	_____
Level 3	_____	_____	_____	_____	_____

## Source Table for the Model

	SS	df	MS
Between	_____	_____	_____
Within	_____	_____	_____

## Hypothesis Test for the Model

	F	df1	df2	p
Factor	_____	_____	_____	_____

## Proportion of Variance Accounted for by the Model

	Est	LL	UL
Factor	_____	XXXX	XXXX

# Post Hoc Comparisons

## Summary Statistics for the Data

	N	M	SD	Skew	Kurt
Level 1	_____	_____	_____	_____	_____
Level 2	_____	_____	_____	_____	_____
Level 3	_____	_____	_____	_____	_____

## Confidence Intervals for the Post Hoc Mean Differences

	Diff	SE	df	LL	UL
L1 vs L2	_____	_____	_____	_____	_____
L1 vs L3	_____	_____	_____	_____	_____
L2 vs L3	_____	_____	_____	_____	_____

## Hypothesis Tests for the Post Hoc Mean Differences

	Diff	SE	df	t	p
L1 vs L2	_____	_____	_____	_____	_____
L1 vs L3	_____	_____	_____	_____	_____
L2 vs L3	_____	_____	_____	_____	_____

# Repeated Measures ANOVA

## Summary Statistics for the Data

	N	M	SD	Skew	Kurt
Outcome 1	_____	_____	_____	_____	_____
Outcome 2	_____	_____	_____	_____	_____
Outcome 3	_____	_____	_____	_____	_____

## Source Table for the Model

	SS	df	MS
Subjects	_____	_____	_____
Measures	_____	_____	_____
Error	_____	_____	_____

## Hypothesis Test for the Model

	F	df1	df2	p
Measures	_____	_____	_____	_____

## Proportion of Variance Accounted for by the Model

	Est	LL	UL
Measures	_____	XXXX	XXXX

# Factorial ANOVA

## Summary Statistics for the Data: B1

	N	M	SD	Skew	Kurt
A1	_____	_____	_____	_____	_____
A2	_____	_____	_____	_____	_____

## Summary Statistics for the Data: B2

	N	M	SD	Skew	Kurt
A1	_____	_____	_____	_____	_____
A2	_____	_____	_____	_____	_____

## Source Table for the Model

	SS	df	MS
Factor	_____	_____	_____
Blocks	_____	_____	_____
Factor: Blocks	_____	_____	_____
Residual	_____	_____	_____

## Hypothesis Test for the Model

	F	df1	df2	p
Factor	_____	_____	_____	_____
Blocks	_____	_____	_____	_____
Factor: Blocks	_____	_____	_____	_____