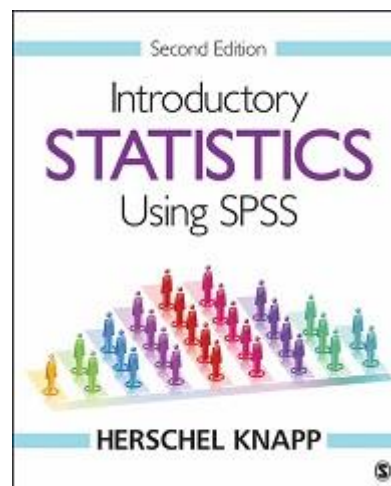


Chapter 3

Working in SPSS

Solutions to Odd Numbered Exercises



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Exercise 3.1

enrolled

		Value	Count	Percent
Standard Attributes	Position	1		
	Label	<none>		
	Type	Numeric		
	Format	F8		
	Measurement	Nominal		
	Role	Input		
Valid Values	1	Yes	4	80.0%
	2	No	1	20.0%

units

		Value
Standard Attributes	Position	2
	Label	<none>
	Type	Numeric
	Format	F8
	Measurement	Scale
	Role	Input
N	Valid	5
	Missing	0
Central Tendency and Dispersion	Mean	9.20
	Standard Deviation	6.261
	Percentile 25	6.00
	Percentile 50	12.00
	Percentile 75	12.00

grade

		Value
Standard Attributes	Position	3
	Label	<none>
	Type	Numeric
	Format	F8
	Measurement	Scale
	Role	Input
N	Valid	5
	Missing	0
Central Tendency and Dispersion	Mean	81.40
	Standard Deviation	10.550
	Percentile 25	72.00
	Percentile 50	81.00
	Percentile 75	91.00

Exercise 3.3

degree

		Value	Count	Percent
Standard Attributes	Position	2		
	Label	<none>		
	Type	Numeric		
	Format	F8		
	Measurement	Ordinal		
	Role	Input		
Valid Values	1	Associate's	1	20.0%
	2	Bachelor's	2	40.0%
	3	Master's	2	40.0%
	4	Doctorate	0	.0%

pretest

		Value
Standard Attributes	Position	3
	Label	<none>
	Type	Numeric
	Format	F8
	Measurement	Scale
	Role	Input
N	Valid	5
	Missing	0
Central Tendency and Dispersion	Mean	27.20
	Standard Deviation	3.701
	Percentile 25	25.00
	Percentile 50	28.00
	Percentile 75	30.00

posttest

		Value
Standard Attributes	Position	4
	Label	<none>
	Type	Numeric
	Format	F8
	Measurement	Scale
	Role	Input
N	Valid	5
	Missing	0
Central Tendency and Dispersion	Mean	39.00
	Standard Deviation	8.000
	Percentile 25	34.00
	Percentile 50	38.00
	Percentile 75	46.00

Exercise 3.5**first_initial**

		Value	Count	Percent
Standard Attributes	Position	2		
	Label	<none>		
	Type	String		
	Format	A1		
	Measurement	Nominal		
	Role	Input		
Valid Values	D		1	20.0%
	J		1	20.0%
	P		1	20.0%
	T		1	20.0%
	V		1	20.0%

last_name

		Value	Count	Percent
Standard Attributes	Position	3		
	Label	<none>		
	Type	String		
	Format	A20		
	Measurement	Nominal		
	Role	Input		
Valid Values	Freeman		1	20.0%
	Gower		1	20.0%
	Jones		1	20.0%
	Rexx		1	20.0%
	Smith		1	20.0%

siblings

		Value
Standard Attributes	Position	4
	Label	<none>
	Type	Numeric
	Format	F8
	Measurement	Scale
	Role	Input
N	Valid	5
	Missing	0
Central Tendency and Dispersion	Mean	1.60
	Standard Deviation	1.140
	Percentile 25	1.00
	Percentile 50	2.00
	Percentile 75	2.00

adopted

		Value	Count	Percent
Standard Attributes	Position	5		
	Label	<none>		
	Type	Numeric		
	Format	F8		
	Measurement	Nominal		
	Role	Input		
Valid Values	1	Yes	1	20.0%
	2	No	4	80.0%

Exercise 3.7**passport**

		Value	Count	Percent
Standard Attributes	Position	2		
	Label	<none>		
	Type	Numeric		
	Format	F8		
	Measurement	Nominal		
	Role	Input		
Valid Values	1	Yes	2	40.0%
	2	No	3	60.0%
	3	Decline to answer	0	.0%

fired

		Value	Count	Percent
Standard Attributes	Position	3		
	Label	<none>		
	Type	Numeric		
	Format	F8		
	Measurement	Nominal		
	Role	Input		
Valid Values	1	Yes	1	20.0%
	2	No	3	60.0%
	3	Decline to answer	1	20.0%

er

		Value	Count	Percent
Standard Attributes	Position	4		
	Label	<none>		
	Type	Numeric		
	Format	F8		
	Measurement	Nominal		
	Role	Input		
Valid Values	1	Yes	2	40.0%
	2	No	3	60.0%
	3	Decline to answer	0	.0%

dob		Value
Standard Attributes	Position	5
	Label	<none>
	Type	Numeric
	Format	ADATE10
	Measurement	Scale
N	Role	Input
	Valid	5
	Missing	0
Central Tendency and Dispersion	Mean	8/21/1965
	Standard Deviation	280683:12:0 7.445
	Percentile 25	1/23/1936
	Percentile 50	6/07/1974
	Percentile 75	3/01/1987

Exercise 3.9**blood_type**

		Value	Count	Percent
Standard Attributes	Position	2		
	Label	<none>		
	Type	Numeric		
	Format	F8		
	Measurement	Nominal		
	Role	Input		
Valid Values	1	A-	1	20.0%
	2	A+	0	.0%
	3	B-	0	.0%
	4	B+	1	20.0%
	5	AB-	0	.0%
	6	AB+	1	20.0%
	7	O-	1	20.0%
	8	O+	0	.0%
	9	Don't know	1	20.0%

gender

		Value	Count	Percent
Standard Attributes	Position	3		
	Label	<none>		
	Type	Numeric		
	Format	F8		
	Measurement	Nominal		
	Role	Input		
Valid Values	1	Female	2	40.0%
	2	Male	3	60.0%

prior_donor

		Value	Count	Percent
Standard Attributes	Position	4		
	Label	<none>		
	Type	Numeric		
	Format	F8		
	Measurement	Nominal		
	Role	Input		
Valid Values	1	Yes	2	40.0%
	2	No	3	60.0%