

## SPSS EXERCISES – CHAPTER 2

Use the data below for questions 1-5.

<u>subject</u>	<u>grades 1-12 schooling</u>	<u>college degree</u>	<u>subject</u>	<u>grades 1-12 schooling</u>	<u>college degree</u>
1	public	B.A.	18	home	B.S.
2	home	B.A.	19	public	none
3	public	none	20	public	B.A.
4	public	B.A.	21	private	B.S.
5	public	B.S.	22	public	B.A.
6	private	B.A.	23	public	B.A.
7	public	B.S.	24	public	B.A.
8	private	B.A.	25	public	none
9	public	B.A.	26	public	B.S.
10	public	B.A.	27	public	none
11	public	none	28	public	B.S.
12	public	B.S.	29	private	B.S.
13	private	B.A.	30	public	B.A.
14	home	B.S.	31	public	B.S.
15	public	B.S.	32	public	none
16	public	B.A.	33	private	B.A.
17	public	none	34	public	B.A.

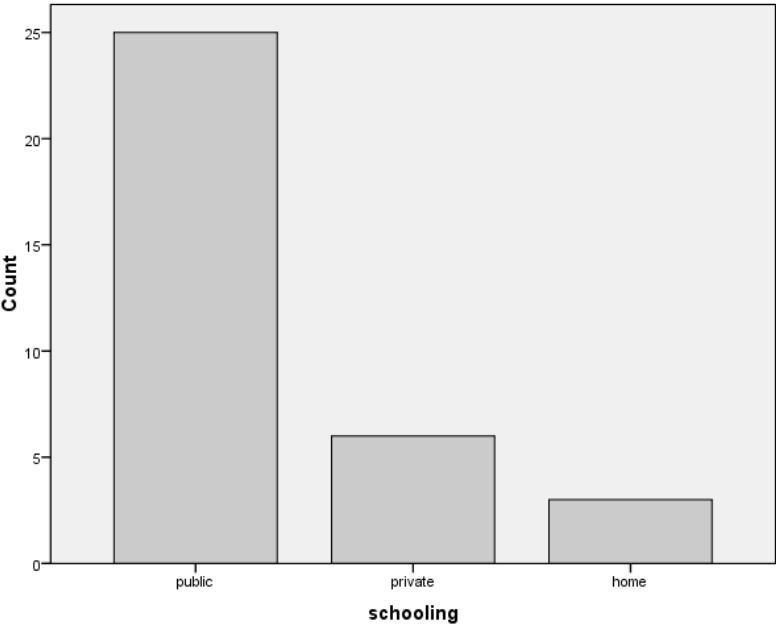
1. Create a coding scheme using dummy variables and input the data into SPSS.
2. Use SPSS to create a frequency table for the variable of college degree including verbal (not numerical) labels.
3. Use SPSS to create a bar chart using verbal (not numerical) labels for the variable of college degree.
4. Use SPSS to create a pie chart using verbal (not numerical) labels for the variable of college degree.
5. Use SPSS to create a crosstabulation with row, column, and total percents for the two variables.

### ANSWERS

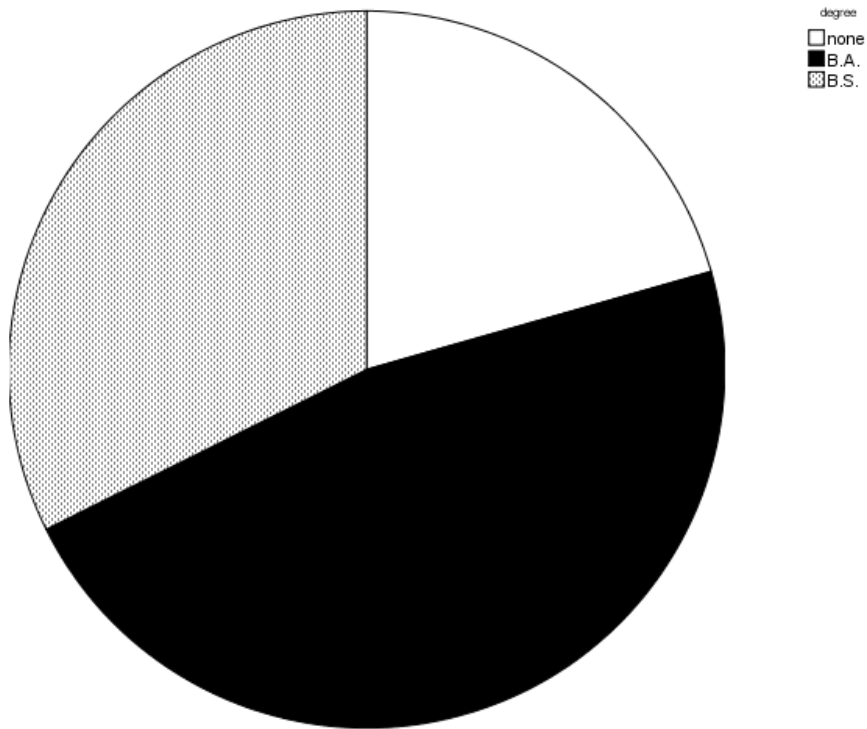
1. -----
- 2.

degree					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	none	7	20.6	20.6	20.6
	B.A.	16	47.1	47.1	67.6
	B.S.	11	32.4	32.4	100.0
	Total	34	100.0	100.0	

3.



4.



5.

**schooling \* degree Crosstabulation**

			degree			
			none	B.A.	B.S.	Total
schooling	public	Count	7	11	7	25
		% within schooling	28.0%	44.0%	28.0%	100.0%
		% within degree	100.0%	68.8%	63.6%	73.5%
		% of Total	20.6%	32.4%	20.6%	73.5%
	private	Count	0	4	2	6
		% within schooling	.0%	66.7%	33.3%	100.0%
		% within degree	.0%	25.0%	18.2%	17.6%
		% of Total	.0%	11.8%	5.9%	17.6%
	home	Count	0	1	2	3
		% within schooling	.0%	33.3%	66.7%	100.0%
		% within degree	.0%	6.2%	18.2%	8.8%

		% of Total	.0%	2.9%	5.9%	8.8%
Total	Count		7	16	11	34
	% within schooling		20.6%	47.1%	32.4%	100.0%
	% within degree		100.0%	100.0%	100.0%	100.0%
	% of Total		20.6%	47.1%	32.4%	100.0%