

Assignment #3 | SPSS Assessment

Assignment #3 is a short problem sheet requiring the manipulation of SPSS to generate statistical results in accordance with different techniques in inferential statistics.

This assignment is a summative assessment of your understanding of the content covered in Modules 3-6. The goal of the assignment is to assess your technical, analytical, and interpretive skills. More specifically, the assignment addresses the following learning outcomes:

- a) Distinguish between various variable types.
- b) Appropriately identify tests for various pairs of variables.
- c) Interpret statistical output.

Using Assessment dataset, you are required to answer the following questions.

1. Is there a difference in the mean amount of money spent in the last 7 days?
 - a. Between persons with disabilities and without disabilities.
 - b. For sex.
2. Is there a difference in the mean amount of money spent?
 - a. Among the various categories of marital status.
 - b. For the variable disability.
 - c. For the variable ethnicity.

Use $\alpha = 0.5$.

Value: This assignment is worth 15% of your final grade.

In total, the assignment is worth 25 marks. Question 1 is worth 10 marks (each part is worth 5 marks each) and question 2 is worth 15 marks (each part is worth 5 marks). Please see the Rubric below for each subpart of the assignment.

Submission: You are expected to submit your assignment in pdf format via OURVLE by clicking on the *Assignment # 2| STATA Assessment* link and “Add submission”. The assignment is due Thursday 22nd April 2021 by 11:59pm EST.

SPSS Assessment Rubric: The following rubric will be used to evaluate your submitted work.

	Excellent	Fair	Poor
Each subpart <u>5 marks</u>	The answer includes the appropriate test with assumptions addressed, correctly interpreted output, all the appropriate statistics, and the output table.	The answer includes the appropriate test (but no or inaccurate information on the assumptions), the correct interpretation (but not all the statistics).	The test carried out is inappropriate OR if the appropriate test is carried out, the output is incorrectly interpreted.
	4-5 marks	2-3 marks	0-1 mark
Total (5 subparts)	/25 * 15 =		