MSc Applied Social & Health Psychology

M7X01449 - Applied Research, Ethics & Analysis

Assessment component 2: Practical in-class skills assessment 1: Data input and analysis (10%)

In this 90 minute in-class practical skills assessment you will be required to do the following tasks with the data sets provided.

You must save a copy of your SPSS datasheet to the memory stick provided and must also save evidence of each step through the use of one SPSS output file and one SPSS syntax file.

You must also save a word-version of this worksheet (available on Moodle) with your answers to steps 5, 6, 7a, and 7b contained within it (please include your student number on this word document.

At the end of the assessment you MUST email the following to kate.williams@uwtsd.ac.uk:

- One final cleaned, screened, and recoded dataset including total scores
- A word document of this sheet with your answers to questions 5, 6, 7a, and 7b completed (please include your student number on this word document).

Using the SPSS datasheet and information on study design and measures provided, you are required to use SPSS in order to demonstrate your ability to carry out the following tasks.

Using the data file and codebook provided:

1. Familiarise yourself with the variables and study design using the information provided.

2. Screen all of the data for accuracy using descriptives (this must include the mean, minimum and maximum scores for each variable) and correct any errors in the raw dataset. (1 mark)

3. Carry out the following recoding/reverse-coding as per the scale instructions provided. (2 marks)

    - Recode the IES individual items
    - Reverse-score the appropriate items in the LOT-r

4. Compute scale scores for the following (2 marks):

    - LOT-r total scale score
    - IES intrusion subscale
    - IES avoidance subscale
    - IES combined global distress scale

5. Screen the scale data for any extreme outliers and remove them from the dataset. Identify any outliers in the box on the next page. (1 mark)

6. Conduct an internal reliability analysis on the IES global distress scale and provide one brief statement below about the reliability of this scale in the box on the next page. (2 marks)

7. Carry out appropriate analyses on the dataset to answer the following questions. Make a short statement in the box on the next page about the results for each one supported by appropriate statistics.

    a) Whether there are any baseline differences in psychological distress between those receiving the intervention and those in the control group. (1 mark)

    b) Whether there are any differences in dispositional optimism between males and females. (1 mark)

Student Number:

Responses to questions 5, 6, 7a, and 7b	
5	Outliers:
6	Internal reliability analysis of the IES scale:
7a	
7b	

Please keep in mind the Learning Outcomes for this module when you are planning your work. The Learning Outcomes of specific relevance to this assignment are in bold.

Learning Outcomes:

1. Demonstrate a critical appreciation of ethical issues associated with qualitative and quantitative applied research designs.

2. **Demonstrate strong data inputting and data screening skills using appropriate software.**

3. **Recognise and identify appropriate analysis techniques and interpret and report data appropriately.**

4. Understand the distinction between quantitative and qualitative approaches and be familiar with a range of data collection and analytical techniques.

5. **Present their work appropriately, within ethical and research frameworks, and with an understanding of requirements of critical thinking.**