

MSc Applied Psychology

ECAS7001 - Applied Research Design and Analysis

Practical Skills Assessment 1 – Worksheet

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Assessment Total = 4/10 = 40%

In this 60-minute practical skills assessment you will be required to do the tasks outlined below with the data set provided.

You must save a copy of your SPSS input datasheet and must also save evidence of each step through one SPSS output file and one SPSS syntax file.

You must also save a word-version of the worksheet with your answers to the reliability questions.

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

- One final SPSS input dataset (with all processes completed)
- One SPSS Output file
- One Syntax data file
- Worksheet with answers to the reliability questions completed.

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

Then, using the SPSS datasheet, information on study design, measures, and codebook provided, you are required to use SPSS in order to demonstrate your ability to carry out the following tasks (each task is worth 1 mark – a total of 10 marks can be achieved on this assessment).

Tasks 1, 2, 3, and 5 to be completed in SPSS:

1. Carry out the following recoding/reverse-coding as per the scale instructions provided:

- Recode the IES individual items (1 mark)
- Reverse-score the appropriate items in the LOT-r (1 mark)

Commented [KW1]: 1 mark - correctly recoded

Commented [KW2]: 0.5 marks - only the three items (lot 3, lot 7, & lot 9) measuring pessimism should have been reversed scored, and not the optimism items.

2. Compute total scale scores for the following:

- LOT-r total scale score (1 mark)
- IES intrusion only subscale (1mark)
- IES avoidance only subscale (1 mark)
- IES combined global distress scale (1mark)

Commented [KW3]: 0 marks - Incorrect totals - This should have been calculated from the non-reversed optimism scores and the reversed pessimism scores only.

Commented [KW4]: 1 mark - correct

Commented [KW5]: 0.5 marks - some incorrect totals. Without the syntax or output it has not been possible to see whether the incorrect items have been added to this total.

Commented [KW6]: 1 mark - correct

3. Conduct an internal reliability analysis on the IES combined global distress scale (1 mark)

Commented [KW7]: 0 - This was not conducted and no output submitted

4. Provide a brief statement about the reliability of the IES combined global distress scale and explain your answer (1 mark):

Commented [KW8]: 0 - Nothing provided

5. Conduct an internal reliability analysis on the Total LOT-r scale (1 mark)

Commented [KW9]: 0 - This was not conducted and no output submitted

6. Provide a brief statement about the reliability of the TOTAL LOT-R scale and explain your answer (1 mark):

Commented [KW10]: 0 - Nothing provided

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