

MSc AREA Workshop:
Inputting complex datasets and preparing data for analysis

Screening, cleaning, creating sub-scales, totalling scale scores, & Reliability analysis

- ***Based on the CARIAD Trial Dataset***

1	Open up SPSS and start a new dataset
2	Use the Code Book provided to create variables for the following • Patient ID • Group (1 = Intervention; 2 = Control) • Gender (1 = Male; 2 = Female)
3	Turn to page 11 of the blank CARIAD questionnaire and use the Code Book provided to create variables for all of the questions in Section H. • Create variable names • Create variable labels • Assign values • Set missing data value to 99 • Set appropriate option for measure
4	Continue setting-up the spreadsheet for inputting the variables in Sections A, B, & F, using the Code Book provided. • Section A = Positive and Negative Affect Schedule (PANAS) • Section B = Impact of Events Scale (IES) • Section F = Life Orientation Test Revised (LOT-R)
5	Input the dummy data provided on the excel spreadsheet
6	Screen the data for accuracy (follow instructions in SPSS book)
7	Correct any errors
8	Run descriptives on the data (follow instructions in your SPSS book)
9	Create sub-scale scores for the PANAS (Section A) using the instructions provided (also follow instructions in your SPSS book on how to create scale scores in SPSS)
10	Carry out the recoding required for the IES (Section B) using the instructions provided (also follow instructions in your SPSS book on how to recode scores in SPSS)
11	Compute: • IES intrusion subscale total scores • IES avoidance subscale total scores • IES combined global distress scale (follow instructions in your SPSS book on how to compute scale scores in SPSS)
12	Carry out reverse coding for the LOT-R (Section F) using the instructions provided (also follow instructions in your SPSS book on how to reverse code scores in SPSS)
13	Create total scale scores for the LOT-R (remember to use any reverse-coded scores) (also follow instructions in your SPSS book on how to create scale scores in SPSS)
14	Run a reliability analysis on the total (combined) IES global distress scores (follow instructions in your SPSS book on how to run a reliability analysis in SPSS)