

## *PSYC\*6060 Assignment #3: Repeated ANOVA*

This assignment will be marked out of 40 and then converted to a mark out of 10 (i.e., the assignment is worth 10% of your final mark). You may consult with your fellow classmates but please ensure that all of your work is your own. Plagiarism will not be tolerated. Please hand in all relevant output. Please be *brief* in your write-up (think of your TA). Download the assignment #3 data file. The data file was constructed by your instructor. Here is a fictitious account of how the data were obtained:

Fifty-four people over the age of 90 were asked to recall a “turning point” event from three points in their past: “youth,” “middle years,” and “later years.” For each event, they were asked to provide a description and rate the event along various dimensions. In particular, the researchers were interested in how positively the participants would rate their memories. They hypothesized that the most positive memories would be for “youth” and that the least positive would be for the “middle years,” with “later years” having middling positivity scores. For the purposes of the assignment you can assume that order of memory prompts was counterbalanced and order was not a significant factor in the pattern of data obtained.

Your job is to conduct appropriate analyses and report the analyses in a “Results and Discussion” section. A results and discussion section has conclusions stated in sentences that are supported by reference to obtained results. You may wish to look to the literature for examples of Results and Discussion sections. Your Results and Discussion section will probably be *slightly* longer than is typically found in an article, though, because you may want to *briefly* report on aspects of EDA and/or alternative analyses (i.e., a sentence or two, perhaps in a footnote).

You will be graded on the following three criteria:

1. Your ability to conduct the appropriate analyses, as evidenced in your write-up and attached output. (20 points)
2. Your ability to report the results of analyses in APA style (including any use of tables). (10 points)
3. Your ability to state conclusions that are properly justified. (10 points)