

Your final presentation is scored out of 120 points. Each “yes” is worth 1 point.

**Slides 1-5: 11 points**

|                                |  |  |
|--------------------------------|--|--|
| <b>First slide</b>             | included title, semester & year, names of team members                     |  |
| <b>Second slide</b>            | described the general purpose of the project                               |  |
|                                | used short but descriptive bullet points                                   |  |
| <b>Procedure slide</b>         | described basic procedure (who, what, how)                                 |  |
|                                | used short but descriptive bullet points                                   |  |
| <b>Variables slide</b>         | listed the variables manipulated, recorded, measured                       |  |
|                                | used short but descriptive bullet points                                   |  |
| <b>Descriptive stats slide</b> | Included correct sample size and gender breakdown                          |  |
|                                | reported correct mean and standard deviation for age                       |  |
|                                | included the graph requested for their specific project (see assign 3)     |  |
|                                | Included SPSS outputs for all the statistics with numbers used highlighted |  |

**t-test slide: 16 points**

|  |  |
|--|--|
| correctly stated the research question as the title for the slide                  |  |
| correctly identified FULL name of test   |  |
| correctly identified the IV  |  |
| correctly identified the levels of the IV  |  |
| correctly identified the DV  |  |
| correctly identified scale of measurement for the DV                               |  |
| reported t-test results in correct APA statistical notation format                 |  |
| reported Cohen’s d in correct APA format   |  |
| SPSS output included ALL relevant t-test tables with numbers used hi-lighted       |  |
| SPSS output included the table for means and SEMs with the numbers used hi-lighted |  |
| <u>all numbers</u> reported on the presentation slide were correct                 |  |
| correctly indicated whether the t-test was significant                             |  |
| correctly explained the results in plain English                                   |  |
| graph was done in excel  |  |
| graph included ALL elements (e.g. labels and error bars)                           |  |
| all elements in the graph were correct (e.g. means, SEMs)                          |  |

### One way ANOVA slide: 18 points

|  |  |
|--|--|
| correctly stated the research question as the title for the slide                  |  |
| correctly identified FULL name of test   |  |
| correctly identified the IV  |  |
| correctly identified the levels of the IV  |  |
| correctly identified the DV  |  |
| correctly identified scale of measurement for the DV                               |  |
| reported ANOVA results in correct APA statistical notation format                  |  |
| reported partial eta squared in correct APA format                                 |  |
| SPSS output included the ANOVA table with numbers used hi-lighted                  |  |
| SPSS output included the descriptive statistics with the means and SEMs hi-lighted |  |
| <u>all numbers</u> reported on the presentation slide were correct                 |  |
| correctly indicated whether the ANOVA was significant                              |  |
| correctly identified the post hoc test (if one was necessary)                      |  |
| correctly reported the results of the post hoc test (if one was necessary)         |  |
| correctly explained the results in plain English                                   |  |
| graph was done in excel  |  |
| graph included ALL elements (e.g. labels and error bars)                           |  |
| all elements in the graph were correct (e.g. means, SEMs)                          |  |

### Chi-square test of independence slide: 14 points

|   |  |
|---|--|
| correctly stated the research question as the title for the slide                     |  |
| correctly identified FULL name of test  |  |
| correctly identified the first categorical variable                                   |  |
| correctly identified the categories of this variable                                  |  |
| correctly identified the second categorical variable                                  |  |
| correctly identified the categories of the variable                                   |  |
| reported chi square results in correct APA statistical notation format                |  |
| SPSS output included the chi square table with numbers used hi-lighted                |  |
| Chi square value, df, N, and p value are <u>all</u> correct on the presentation slide |  |
| correctly indicated whether Chi square was significant                                |  |

|   |  |
|---|--|
| put the % within the row (OR % within the column) variable results in a table that is clearly labeled |  |
| SPSS output included the cell percentages table with numbers used hi-lighted                          |  |
| used the correct percentages from the SPSS output in the table on the presentation slide              |  |
| correctly explained the results in plain English  |  |

**correlation slide: 23 points**

|  |  |
|--|--|
| correctly stated the research question as the title for the slide(s) |  |
| correctly identified FULL name of test used for all correlations     |  |
|  |  |
| correctly identified the first pair of variables                     |  |
| included the Excel scatterplot with all necessary features           |  |
| reported results in correct APA statistical notation format          |  |
| included the SPSS output with all numbers used hi-lighted            |  |
| all numbers on the presentation slide are correct                    |  |
| correctly indicated whether results were significant                 |  |
| correctly explained the results in plain English                     |  |
|  |  |
| correctly identified the second pair of variables                    |  |
| included the Excel scatterplot with all necessary features           |  |
| reported results in correct APA statistical notation format          |  |
| included the SPSS output with all numbers used hi-lighted            |  |
| all numbers on the presentation slide are correct                    |  |
| correctly indicated whether results were significant                 |  |
| correctly explained the results in plain English                     |  |
|  |  |
| correctly identified the third pair of variables                     |  |
| included the Excel scatterplot with all necessary features           |  |
| reported results in correct APA statistical notation format          |  |
| included the SPSS output with all numbers used hi-lighted            |  |
| all numbers on the presentation slide are correct                    |  |
| correctly explained the results in plain English                     |  |

**Regression slide: 13 points**

|  |  |
|--|--|
| correctly stated the research question as the title for the slide  |  |
| correctly identified FULL name of test used  |  |
| correctly identified the predicted variable  |  |
| correctly identified the predictor variables   |  |
| reported the ANOVA results using correct APA statistical notation  |  |
| the ANOVA results were correct   |  |
| correctly indicated whether the linear combination of variables significantly predicted the variable being predicted |  |
| included the correct adjusted r-squared value  |  |
| included the SPSS output showing the model summary and ANOVA table with the numbers used highlighted                 |  |
| included a clear table showing the predictor variables, coefficients, t and p values                                 |  |
| the numbers in this table were all correct   |  |
| included the SPSS output showing the coefficients table with the numbers used hi-lighted                             |  |
| Correctly explained which predictors help with the prediction and the direction they predict                         |  |

**Conclusions: 5 points**

Stated all 5 conclusions (t-test, ANOVA, chi-square, correlation, regression)

|  |  |
|--|--|
| Got the t-test conclusion correct              |  |
| Got the ANOVA conclusion correct               |  |
| Got the chi-square conclusion correct          |  |
| Got the correlation conclusions correct        |  |
| Got the multiple regression conclusion correct |  |

**PPTX Aesthetics: 10 points**

|  |  |
|--|--|
| Fonts type was easy to read  |  |
| Words were large enough to see at a distance                               |  |
| colors on slide were pleasing (not drab) and contrasted well with the text |  |
| used clipart and or photos to keep audience's attention                    |  |
| graphs and tables were colorful and stood out                              |  |

|   |  |
|---|--|
| transitions and animations were used but not to the extent they became nauseating |  |
| did not cram too much information on a slide                                      |  |
| information (words, numbers, graphics) was spaced out and placed well on a slide  |  |
| SPSS output slides were hidden  |  |

### Oral Presentation Delivery: 10 points

Each presenter spoke clearly and audibly, effort was made to engage the audience through eye contact, asking questions, being animated without being manic etc...

**Deductions:** -1 point for each verbal mistake (e.g. saying something is significant when it was not). BUT, this point can be returned IF one of the team members corrects that mistake – so pay attention to what your team members are saying!

### Special Notes

1. All graphs MUST be completed in EXCEL (including the scatterplot)
2. Submit your pptx to Canvas as a pdf (only one team member submits)
3. When you are giving your presentation, hide the output slides so we don't see them. Be sure to unhide them before saving your pptx as a pdf. I must be able to see all the slides!

## What skills have you learned?

**Creativity**

**Communication**

**Teamwork**



**Analytical**

**Problem solving**