SPSS Common Analyses "Cheat Sheet"

Correlations

- **Pearson correlation:**
  - Analyze- Correlate- Bivariate
  - Select Pearson under Correlation Coefficients box, select the variables, click OK
- **Spearman correlation coefficient:**
  - Analyze- Correlate- Bivariate
  - Select Spearman under Correlation Coefficient box, select the variables, click OK

Linear Regression

- **Simple Linear Regression:**
  - Analyze- Regression- Linear
  - Enter IV and DV, Click OK
- **Multiple Linear Regression:**
  - Analyze- Regression- Linear
  - Select IVs and DV, Click OK

T-Test

- **Single-Sample T-test:**
  - Analyze-Compare Means- One-Sample T-test
  - Enter variables, click OK
- **Independent Samples T-test:**
  - Analyze- Compare Means- Independent Samples T test
  - Enter DV (Test Variable) and IV (Grouping variable), Define Groups, and enter the values of the two levels of the IV, click continue, click OK
- **Paired Samples T-Test:**
  - Analyze-Compare Means- Paired Samples T Test
  - Click on two paired variables to move to Current Selections area, then click right arrow to move to Paired Variables Section, Click OK

ANOVAs

- **Oneway ANOVA:**
  - Analyze- Compare Means- One-Way ANOVA
  - Enter IV in Factor box, Enter DV to Dependent List box, click Options- Descriptive to get means in output Click continue, click OK
- **Factorial Anova (2x2, 2x2x3, etc.):**
  - Analyze- General Linear Model- Univariate
  - Select DV for Dependent Variable blank and IVs for the Fixed Factors box, click OK

- **Repeated Measures ANOVA:**
    - Analyze- General Linear Model- Repeated Measures
    - Enter factors and number of levels- click add- once all factors are entered click define
    - Define variables using the arrows, click ok
- **Mixed-Design ANOVA:**
    - Follow same steps as repeated measures
    - Add between-subjects factor to "Between-Subjects Factor" box, click ok