**Questions:**

* Does the number of book read in the class predict final grade in the course?
* Does attendance predict final grade in the course?

Cut and paste the appropriate boxes into each section for this example (for just one of the questions).

**Regression Assumptions:**

* Predictors
  + More cases (lines/people) than IVs
* People
  + Gpower = for how many cases given effect size, alpha, power, predictors
  + Rules of thumb = more than 50 + 8(K) (number of IVs)
  + Or 104 + K (for testing importance of predictors)
* Practical / Statistic Significance
* Missing data
* Outliers
  + Mahalanobis
  + Leverage
  + Cooks
* Multicollinearity
* Normality
* Linearity
* Homogeneity
* Homoscedasticity
* Independence of Errors (theoretical)

Include the model box:

Include the ANOVA box:

Include the coefficients box:

**Model significance F-value: (F, p, R2)**

**Predictor significance t-value: (B, t, p, pr2)**