**Analysis Planning Worksheet**

**Evaluation Question**

Did the pandemic and subsequent quarantine impact the academic performance for medical science students from 2019-2021?

2 analyses focused on individual and team scores on readiness assurance tests and 1 analysis examining team ratings on their performance as a team during the team based learning activities

**Independent Variable(s)**

These variable(s) are causing something or creating an effect. List what each is and whether it is categorical or continuous. It is ok to only have one.

**Variable**

Cohort year (2019, 2020, 2021)

□ Categorical: # of levels \_3\_\_\_ □ Continuous

**Variable**

Self-rating on Introversion scale (introversion score)

□ Categorical : # of levels \_\_\_\_\_ □ Continuous

**Variable**

Self-rating on Extroversion scale (extroversion score)

□ Categorical: # of levels \_\_\_\_\_ □ Continuous

Variable

□ Categorical: # of levels \_\_\_\_\_ □ Continuous

Dependent Variable(s)

These variable(s) are influenced by your independent variable and *depend* on them. List what each is and whether it is categorical or continuous. Unless they are related, you should have only one.

**Variable**

Individual performance on individual readiness assurance tests during Team Based Learning (iRAT scores)

□ Categorical: # of levels \_\_\_\_\_ □ Continuous

**Variable**

Team performance on team readiness assurance tests during Team Based Learning (tRAT scores)

□ Categorical: # of levels \_\_\_\_\_ □ Continuous

**Variable**

Team assessment ratings of their performance functioning as a team during Team Based Learning (performance ratings)

□ Categorical: # of levels \_\_\_\_\_ □ Continuous

Variable

□ Categorical: # of levels \_\_\_\_\_ □ Continuous

Now that you know the type and number of independent and dependent variables, you are ready to use the analysis flow charts to choose your analysis!

**Analysis:**

ANCOVA