**Analysis Planning Worksheet**

**Evaluation Question**

Does education level have an effect on going (back) to jail?

**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**

Age groups, categorical

23-27 5176

28-32 4982

33-37 4271

48 or older 3727

38-42 2993

43-47 2620

18-22 2066

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

**Variable**

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

**Variable**

□ 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**

Recidivism\_Within\_3years

Recidivism\_Arrest\_Year1

Recidivism\_Arrest\_Year2

Recidivism\_Arrest\_Year3

Categorical, returning to jail within three years

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

**Variable**

Prior\_Arrest\_Episodes\_Felony

Prior\_Arrest\_Episodes\_Misd

Prior\_Arrest\_Episodes\_Violent

Prior\_Arrest\_Episodes\_Property

Prior\_Arrest\_Episodes\_Drug

Prior\_Arrest\_Episodes\_PPViolationCharges

Prior\_Arrest\_Episodes\_DVCharges

Prior\_Arrest\_Episodes\_GunCharges

May look at Arrested before rather than convicted before, categorical

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

**Variable**

□ 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:**

ANOVAs in R