**Analysis Planning Worksheet**

**Evaluation Question**

Does ethnicity affect if you return to jail? And perhaps what ethnicity is more likely to do what crimes?

**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**

Our data came from a challenge, so my guess is ethnic data was simplified, two levels, but will attempt to find some significance (may have bias)

BLACK 14847

WHITE 10988

□ 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**

Conviction type

Property 8284

Violent/Non-Sex 5475

Drug 5190

Other 2779

Violent/Sex 830

Categorical 5 levels

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

**Variable**

Returning to jail within 3 years

Recidivism\_Within\_3years

Recidivism\_Arrest\_Year1

Recidivism\_Arrest\_Year2

Recidivism\_Arrest\_Year3

4 categories, each true/ false

□ 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:**

MANOVAs in R