**Analysis Planning Worksheet**

**Evaluation Question**

Age (in months) for initial diagnosis

Age (in years) for initial diagnosis

Is there a correlation between allergies and race?

Is there a correlation between allergies and sex?

What is the most common food allergy?

What is the least common food allergy?

What conditions are associated with food allergies?

**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

□ Categorical: # of levels \_\_\_2\_\_ □ Continuous

**Variable**

Race / Ethnicity

□ Categorical : # of levels \_\_7\_\_\_ □ Continuous

**Variable**

Sex

□ Categorical: # of levels \_\_\_\_2\_ □ 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**

Allergy

□ Categorical: # of levels \_\_\_9\_\_ □ Continuous

**Variable**

Illness

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

Stepwise Multinomial Logistic regression

Bhapkar chi square

Frequency and Percentage

Canonical Correlation