**Analysis Planning Worksheet**

**Evaluation Question**

1. Does the Northern California resident’s vaccine at a higher rate than Southern California residents? JN
2. Does the Northern California youth (12+) vaccine at a higher rate than Southern California residents? JN

**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**

Northern Counties

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

**Variable**

Southern Counties

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

**Variable**

Northern California youth (12+) vaccine

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

Variable

Southern California youth (12+) vaccine

Categorical: # of levels \_\_\_\_\_ X 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**

Northern Vaccine rates

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

**Variable**

Southern Vaccine rates

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

**Variable**

Northern youth (12+) vaccine rates

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

Variable

Southern youth (12+) vaccine rates

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

Purpose: Drawing Conclusions For Continuous IVs with Continuous DVs

Diagram, text

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We need to confirm with Instructor Joseph on the Analysis

**Evaluation Question**

1. Does the vaccination rate decrease after the California stay-at-home was lifted (June 15, 2021) compare after 30, 60, and 90 days? AD
2. Does the vaccination rate decrease after the California stay-at-home was lifted (June 15, 2021) compared to the 4 largest counties? AD

**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**

Date of June 15, 2021 at 30 days

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

**Variable**

Date of June 15, 2021 at 60 days

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

**Variable**

Date of June 15, 2021 at 90 days

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

Variable

4 Counties (to be determined)

Categorical: # of levels \_\_\_\_\_ X 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**

Decrease of Vaccine rates for the State of California

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

**Variable**

□ 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!

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**Evaluation Question**

1. Does the vaccination rate increase for the Omicron variant in California (for example November 2021-January 2022) for the State? LM
2. What was the Top 3 counties in Northern California and Southern California to be vaccine hesitant? LM

**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**

Omicron variant during November 2021

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

**Variable**

Omicron variant during December 2021

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

**Variable**

Omicron variant during January 2022

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

Variable

Top 3 Counties in Northern California

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

Variable

Top 3 Counties in Southern California

Categorical: # of levels \_\_\_\_\_ X 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**

vaccination rate increase

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

**Variable**

vaccine hesitant

□ Categorical: # of levels \_\_\_\_\_ X 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!

Diagram, table

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