

ACTIVITY 5

PART F – Tuesday, April 16

Due: Tuesday, April 23

A hard copy of Activity #5 is due in our next meeting, Tuesday, April 23 (Week 13).

Using the midterm dataset, start with the hypothesis: “Being white (info_white) is significantly related to how one perceives the job that Barack Obama is doing in office (obamajob).”

- (1) What is the independent variable?
- (2) What is the dependent variable?
- (3) What test (t-test, ANOVA, chi-square, correlation, regression) is the most appropriate to evaluate this hypothesis?
- (4) Using a table, present the most appropriate descriptive statistics (central tendency & variability) for the independent variable.
- (5) Using a table, present the most appropriate descriptive statistics (central tendency & variability) for the dependent variable.
- (6) Draw a graph for the independent variable. **Be sure to appropriately format the graph.**
- (7) Draw a graph for the dependent variable. **Be sure to appropriately format the graph.**
- (8) Calculate the appropriate test for this hypothesis. Present your results in professionally formatted tables.

Use this hypothesis for the next set of questions: A respondent’s age (info_age) is positively correlated with a respondent’s feelings about police (score_police), controlling for race (info_white).

- (9) What is the independent variable?
- (10) What is the dependent variable?
- (11) What test (t-test, ANOVA, chi-square, correlation, regression) is the most appropriate to evaluate this hypothesis?
- (12) Using a table, present the most appropriate descriptive statistics (central tendency & variability) for the independent variable.
- (13) Using a table, present the most appropriate descriptive statistics (central tendency & variability) for the dependent variable.
- (14) Draw a graph for the independent variable. **Be sure to appropriately format the graph.**
- (15) Draw a graph for the dependent variable. **Be sure to appropriately format the graph.**
- (16) Calculate the appropriate test for this hypothesis. Present your results in professionally formatted tables.