

## SPSS Assignment #5

1. Using the dataset located on my website concerning sentencing judgments and victim impact statements, determine whether there is a significant relation between suffering of the relative, compassion for the defendant, and feelings for the defendant. Report the results of these 3 correlations in APA format. Hand in the correlation matrix. Make sure you indicate not only whether the relation is significant, but whether it is positive or negative. What kind of correlation have you conducted? Explain why that is the appropriate analysis.
2. Compute the correlation between gender and compassion. Is this correlation significant? Report your results in APA format. What type of correlation have you conducted and why? Conduct an independent samples t-test to answer the same question you just answered with a correlation. Explain how the two analyses provide the same information.
3. Perform a chi-square test of independence to determine if sentencing judgments are related to gender. Report the results of this test using APA format. For females, what percentage chose the death penalty? What is the strength of the relation between sentencing judgments and gender?
4. Create an SPSS dataset of your own. It should have an N no less than 30 subjects. Create 2 dichotomous variables and conduct a chi-square test of independence to determine if they are significantly related. Report the phi coefficient to assess the strength of the relation. Compute the phi coefficient using the correlation command. Show the results of both outputs. Conduct these same analyses by hand and show your results by hand match your spss output.