

SPSS Assignment #2

The data is contained in “SPSS dataset” located under spss materials.

The data derives from a study investigating the effects of dehumanizing language on the sentencing judgments and attitudes of mock jurors. Complete the analyses, hand in all outputs along with all written computations and discussion.

1. Use the select if command to look at males and females separately to answer the following questions: (a) what is the mean and standard deviations for age for both groups,(b) graph the distributions for compassion for both males and females separately (use a histogram). Describe the distributions for both genders.
2. Reverse score victim suffering (creating a new variable) and compute a *composite score* that averages reversed suffering and compassion scores. Compute the mean and standard deviation for the new composite score.
3. Compute mean suffering scores for those who gave the death penalty to suffering scores for those who gave life in prison. Do you believe there is evidence that how much participants believe the victim’s family suffered has anything to do with the sentence they gave? Explain your answer.
4. Create a new spss data file of your own with 3 variables of your choosing. Each variable should be interval/ratio and have at least 10 scores ($n = 10$). Calculate the mean, median and mode along with the variance and standard deviation for each of the variables. Do these same calculations by hand and hand and show that your hand calculations match the results of your spss printout. Hand in both your hand calculations and the spss output. There is no need to print out the data file.