Instructions

You're allowed one attempt so calculate your answers prior to submitting them.

Part 1. Calculating Statistics

The Excel file Assignment 4 - GenderRobberySentence Lengths.xlsx contains two sheets, one labeled "Females" and one labeled "Males," that have three variables each: Native American (Y/N), age in years, and sentence length in months for everyone convicted of Robbery in Montana between 1984 and 2007.

Using this data, calculate the following:

1. The total number of males convicted of robbery is 2390 and the total number of females convicted of robbery is 75. What percentage of the sample is female? Round to one decimal place and do not include the % sign when you enter the number.

2. Create a five number summary of Age for males that includes a) average, b) standard deviation, c) median, d) minimum and e) maximum. Round to one decimal place.

3. Create a five number summary of Age for females that includes a) average, b) standard deviation, c) median, d) minimum and e) maximum. Round to one decimal place.

4. Create a five number summary of Sentence Length for males that includes a) average, b) standard deviation, c) median, d) minimum and e) maximum. Round to one decimal place.

5. Create a five number summary of Sentence Length for females that includes a) average, b) standard deviation, c) median, d) minimum and e) maximum. Round to one decimal place.

6a. What percentage of the female sample is Native American (i.e., how many Y's in the Native American column are there?) Round to one decimal place.

6b. What percentage of the male sample is Native American (i.e., how many Y's in the Native American column are there?) Round to one decimal place.