TIE 533 Class Assignment: Central Tendencies

Recently, Sports Illustrated listed their Fortunate 50 Athletes or the top 50 highest paid American athletes. Of course as educators you all make relatively the same amount as these top athletes, but let's compare anyway.


In your small group, you will determine the central tendencies to describe the data list.

1. Create an Excel Spreadsheet to list the data. In separate columns, insert the athlete name, their 2010 salary, their 2010 endorsements, and their total.

   Athlete          2010 Salary  2010 Endorsements  Total Amount
   Tiger Woods      $20,508,163  $70,000,000      $90,508,163

2. Calculate the total amount for each category (salary, endorsements, and both) of the Fortunate 50 salaries.

3. Calculate the central tendencies (mean, median, and mode) for each category.
   a. Is mode that relevant here?

4. Based on the data presented, would you rather get paid the mean or median of the total salary for the Fortunate 50 athletes?
   a. How about the mean vs. median for salary alone?
   b. Mean vs. median for endorsements alone?

5. Create a Bar Graph of the top 5 Athletes depicting a comparison of their Salaries, endorsements, and total compensation.

6. Create a Scatter Plot Graph of the Athletes Salaries. What does the scatter plot look like?

7. If you add yourself to the list with an annual salary of $500 million dollars, what happens to the mean and median?
   a. Re-create a Scatter Plot Graph of the Athletes Salaries. What does the scatter plot look like and where is the $500 million salary?

8. Post your answers/graphs on the group discussion board.....as an image, Google Spreadsheet, or PPT....up to the groups.