

3.6: Summary

After this chapter you should be able to do the following:

1. Find the mode of a dataset
2. Find the median of a dataset
3. Calculate the mean of a dataset
4. Calculate the deviation of individual scores from the mean
5. Use the sum of deviations to demonstrate the balance point of the mean
6. Compare the mode, median, and mean
7. Implement the three recommended considerations for editing results sentences

Structured Summary for Measures of Central Tendency

After carefully reading the chapter, complete the following structured summary to add a learning check and easy-to-use reference to your notes.

Summarize what each symbol stands for.

$n =$

$x =$

$\sum x =$

$\bar{x} =$

$\mu =$

\tilde{x} or Mdn =

$Mo =$

Fill-in the appropriate information for each statistic below:

1. Mode
 - a. For which kinds of data can/should this be used?
 - b. What is the focus of this statistic?
 - c. What are the steps and/or formula and its steps for this statistic?
 - d. How is this statistic reported when using APA format?
2. Median
 - a. For which kinds of data can/should this be used?
 - b. What is the focus of this statistic?
 - c. What are the steps and/or formula and its steps for this statistic?
 - d. How is this statistic reported when using APA format?
3. Mean
 - a. For which kinds of data can/should this be used?
 - b. What is the focus of this statistic?
 - c. What are the steps and/or formula and its steps for this statistic?
 - d. How is this statistic reported when using APA format?

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