**Chapter 2: Central Tendency**

1. The mode is the best measure of central tendency for data measured at what level?

A. interval/ratio

B. ordinal

\*C. nominal

Learning Objective: 2-2: Identify when to use the mean, the median, or the mode when describing a distribution’s central tendency.

Cognitive Domain: Knowledge

Answer Location: Central Tendency

2. When a distribution is symmetrical, the mean, the median, and the mode will have similar values.

\*True

False

Learning Objective: 2-2: Identify when to use the mean, the median, or the mode when describing a distribution’s central tendency.

Cognitive Domain: Knowledge

Answer Location: Central Tendency

3. The median is also known as the \_\_\_\_\_\_\_\_\_\_.

A. highest score

B. average

C. most frequent score

\*D. 50th percentile

Learning Objective: 2-2: Identify when to use the mean, the median, or the mode when describing a distribution’s central tendency.

Cognitive Domain: Knowledge

Answer Location: Central Tendency

4. When is the mean the best measure of center?

A. with nominal data that has more than one mode

B. with ordinal data that has extreme scores

\*C. with interval/ratio data that does not have extreme scores

Learning Objective: 2-2: Identify when to use the mean, the median, or the mode when describing a distribution’s central tendency.

Cognitive Domain: Knowledge

Answer Location: Central Tendency

5. Compute the mode for this list of scores: 2, 2, 3, 3, 3, 5, 6.

A. 2

\*B. 3

C. 5

D. 6

Learning Objective: 2-1: Compute and interpret the mean, the median, and the mode.

Cognitive Domain: Application

Answer Location: Central Tendency

6. Compute the median for this list of scores: 2, 2, 3, 3, 3, 5, 6.

A. 2

\*B. 3

C. 5

D. 6

Learning Objective: 2-1: Compute and interpret the mean, the median, and the mode.

Cognitive Domain: Application

Answer Location: Central Tendency

7. Compute the mean for this list of scores: 2, 2, 3, 3, 3, 5, 6.

A. 2

B. 2.50

C. 3

\*D. 3.71

Learning Objective: 2-1: Compute and interpret the mean, the median, and the mode.

Cognitive Domain: Application

Answer Location: Central Tendency

8. Find the mode for this set of scores: X = f, 4 = 3, 3 = 7, 2 = 6, 1 = 2.

A. 2

\*B. 3

C. 4

D. 7

Learning Objective: 2-1: Compute and interpret the mean, the median, and the mode.

Cognitive Domain: Application

Answer Location: Find the Mode

9. Find the median for this set of scores: X = f, 4 = 3, 3 = 7, 2 = 6, 1 = 2.

A. 2.5

\*B. 3

C. 4

D. 6.5

Learning Objective: 2-1: Compute and interpret the mean, the median, and the mode.

Cognitive Domain: Application

Answer Location: Find the Median

10. Find the mean for this set of scores: X = f, 4 = 3, 3 = 7, 2 = 6, 1 = 2.

A. 2.50

B. 3

C. 4.5

\*D. 2.61

Learning Objective: 2-1: Compute and interpret the mean, the median, and the mode.

Cognitive Domain: Application

Answer Location: Computing the Mean

11. When your data is ordinal, what is the best measure of center to use?

A. mode

B. mean

\*C. median

Learning Objective: 2-2: Identify when to use the mean, the median, or the mode when describing a distribution’s central tendency.

Cognitive Domain: Knowledge

Answer Location: Central Tendency