

In-Video Quiz Questions for
Unit 1: Part 2 – (2) Measures of center

(04:20)

1. Which of the following is true?

(Hint: Sketching the distributions might be useful.)

- (a) In a symmetric distribution, more than 50% of the data are below and less than 50% are above the mean.
- (b) In a left skewed distribution, roughly 50% of the data are below and 50% are above the mean.
- (c) In a right skewed distribution, less than 50% of the data are below the mean.
- (d) In a left skewed distribution, less than 50% of the data are below the mean.

Answers:

1. d

Explanation: Since the median marks the 50th percentile, and in a left-skewed distribution the mean is smaller than the median, less than 50% of the data will be smaller than the mean.