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Fall

Fall 2021 - PSYCH100A-1 - ENDERS

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**Started on** Wednesday, 3 November 2021, 3:38 PM PDT

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**Completed on** Wednesday, 3 November 2021, 3:48 PM PDT

**Time taken** 9 mins 45 secs

**Grade** 10.00 out of 10.00 (100%)

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**Question 1**

Correct

1.00 points out of 1.00

What distribution shape best describes the sample's age representation?

- a. Negatively (left) skewed
- b. Normally distributed (symmetric)
- c. Uniformly distributed
- d. Positively (right) skewed

The correct answer is:

Positively (right) skewed

**Question 2**

Correct

1.00 points out of 1.00

Participants were asked to rate the degree to which they believe that social distancing is a moral issue. Provide an interpret sample standard deviation.

- a. The average difference between the moral issues scores and the mean is .93 points
- b. About 95% of the moral issue scores should fall within plus or minus .93 points of the mean
- c. The expected difference between the sample mean and the true population mean is .93 points
- d. The average or expected difference between any two moral issue scores chosen at random is .93 points

The correct answer is:

The average difference between the moral issues scores and the mean is .93 points

**Question 3**

Correct

1.00 points out of 1.00

What distribution shape best describes the sample's moral issue scale scores?

- a. Positively (right) skewed
- b. Uniformly distributed
- c. Negatively (left) skewed
- d. Normally distributed (symmetric)

The correct answer is:

Negatively (left) skewed

## Question 4

Correct

1.00 points out of 1.00

Participants were classified according to their gender. What is the mode for this variable?

Answer: Male 

The correct answer is: male

## Question 5

Correct

1.00 points out of 1.00

Referring to the frequency distribution table of the sample's persuasiveness ratings, which value tells us how many participants have ratings of 3 or lower (i.e., at or below the midpoint of the rating scale)?

Answer: 34% 

The correct answer is: 33.5

## Question 6

Correct

1.00 points out of 1.00

Considering the age distribution, provide an interpretation of the sample standard deviation.

- a. The average difference between individual ages and the mean is 11.68 years
- b. The average or expected age difference between any two participants chosen at random is 11.68 years
- c. About 95% of the ages should fall within plus or minus 11.68 years of the mean
- d. The expected difference between the sample mean and the true population mean is 11.68 years

The correct answer is:

The average difference between individual ages and the mean is 11.68 years

## Question 7

Correct

1.00 points out of 1.00

Consider the age distribution, which has a median of 36 and a mean of 38.82. Why is the mean rating different than the m

- a. Because the median must be an integer, whereas the mean can have decimals
- b. A small number of relatively high ages are influencing the mean, making it higher
- c. A large number of relatively low ages are influencing the median, making it lower
- d. Most of the ages are at the high end of the distribution

The correct answer is:

A small number of relatively high ages are influencing the mean, making it higher

## Question 8

Correct

1.00 points out of 1.00

Participants rated the persuasiveness of the message on a 5-point scale ranging from 1= not at all persuasive to 5 = extremely persuasive. Considering the entire sample, what score value divides the distribution exactly in half, such that 50% of the d above the score and 50% is below?

Answer:



The correct answer is: 4

## Question 9

Correct

1.00 points out of 1.00

Describe the concentration of the sample's persuasiveness ratings in a way that answers the question, "How persuasive did you find the social distancing messages?"

- a. Most respondents found the messages unpersuasive, and there were relatively few higher ratings
- b. Most respondents found the message moderately persuasive, and low or high ratings were relatively uncommon
- c. Most respondents found the messages quite persuasive, and there were relatively few lower ratings
- d. About an equal number of participants found the messages unpersuasive, moderately persuasive, and quite persuasive

The correct answer is: Most respondents found the messages quite persuasive, and there were relatively few lower ratings

## Question 10

Correct

1.00 points out of 1.00

Participants were asked to rate the persuasiveness of the message on a 5-point scale ranging from 1= not at all persuasive to 5= extremely persuasive. What is the mean persuasiveness rating? Do not round, enter the value as you see it.

Answer:



The correct answer is: 3.8

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