

Quiz

1. Suppose you have conducted a survey of clients in which you asked them to report gender (male or female), age (in years), and level of satisfaction (very satisfied, satisfied, slightly satisfied, not at all satisfied) with the services they have received. Which of the following would be variables in your study?
 - a. Male
 - b. Age
 - c. Both of the above
 - d. None of the above
2. Which of the following is/are true?
 - a. You are more likely to compute the value of p when you engage in descriptive statistical analysis of data than when you engage in inferential statistical analysis of data.
 - b. When you engage in descriptive analysis of data, you examine only one variable at a time.
 - c. Both of the above are true.
 - d. Neither of the above is true.
3. The variable of satisfaction illustrated in question 1 above is measured at what level?
 - a. Nominal
 - b. Ordinal
 - c. Interval or ratio
 - d. Dichotomous
4. Which of the following is/are true?
 - a. The frequencies for a nominal variable can be displayed in a bar chart.
 - b. The proportions for a nominal variable can be displayed in a pie chart.
 - c. Both of the above are true.
 - d. Neither of the above is true.
5. The mean can be computed for variables measured at what level?
 - a. Nominal
 - b. Interval
 - c. Both of the above
 - d. Neither of the above
6. The median can be computed for variables measured at what level?
 - a. Ordinal
 - b. Interval
 - c. Both of the above
 - d. Neither of the above

7. What does the standard deviation measure?
 - a. Variance
 - b. Statistical significance
 - c. Generalization
 - d. Causation
8. If the age of the males in your study has a standard deviation of 8.7, while the age of the females in your study has a standard deviation of 5.2, what can you say?
 - a. The males in your sample are more different from one another in age than are the females in your sample.
 - b. The females in your sample are more different from one another in age than are the males in your sample.
 - c. Gender is not a good variable for study because of variance in age.
 - d. None of the above
9. Which of the following describes the normal distribution?
 - a. More people are at the ends of the continuum of the variable than in the middle.
 - b. More people are in the middle of the continuum of the variable than at the ends.
 - c. More people are at one end of the continuum of the variable than at the other end or in the middle.
 - d. People tend to be distributed in two different modes, so they cluster at both ends of the distribution but there are not many people in the middle.
10. Which of the following statements is/are true?
 - a. Data are assumed to be normally distributed when you employ inferential statistics.
 - b. SPSS is a statistical software package that can be used to engage in the descriptive analysis of data.
 - c. Excel is a computer software package that can be employed for the descriptive analysis of data.
 - d. All of the above are true.