

Statistics Assignment-Worksheet 2

Q1. What represent a population parameter?

A) SD B) mean C) both D) none

Solution : C) Both

Q2. What will be median of following set of scores (18,6,12,10,15)?

A) 14 B) 18 C) 12 D) 10

Solution : C) 12

Q3. What is standard deviation?

A) An approximate indicator of how number vary from the mean

B) A measure of variability

C) The square root of the variance

D) All of the above

Solution : D) All of the above

Q4. The intervals should be _____ in a grouped frequency distribution

A) Exhaustive B) Mutually exclusive C) Both of these D) None

Solution : C) Both of these

Q5. What is the goal of descriptive statistics?

A) Monitoring and manipulating a specific data

B) Summarizing and explaining a specific set of data

C) Analyzing and interpreting a set of data

D) All of these

Solution : B) Summarizing and explaining a specific set of data

Q6. A set of data organized in a participant by variables format is called

A) Data junk B) Data set C) Data view D) Data dodging

Solution : B) Dataset (participant = rows, variables= columns)

Q7. In multiple regression, _____ independent variables are used

A) 2 or more

B) 2

C) 1

D) 1 or more

Solution : A) 2 or more

Q8. Which of the following is used when you want to visually examine the relationship between 2 quantitative variables?

A) Line graph B) Scatterplot C) Bar graph D) Pie graph

Solution : B) Scatterplot

Q9. Two or more groups means are compared by using

A) analysis B) Data analysis C) Varied Variance analysis D) Analysis of variance

Solution : D) Analysis of Variance

Q10. _____ is a raw score which has been transformed into standard deviation units?

A) Z-score B) t-score C) e-score D) SDU score

Solution : A) Z-score

Q11. _____ is the value calculated when you want the arithmetic average?

A) Median B) mode C) mean D) All

Solution : C) Mean

Q12. Find the mean of these set of number (4,6,7,9,2000000)?

A) 4 B) 7 C) 7.5 D) 400005.2

Solution : D) 400005.2

Q13. _____ is a measure of central tendency that takes into account the magnitude of scores?

A) Range B) Mode C) Median D) Mean

Solution : B) Mode

Q14. _____ focuses on describing or explaining data whereas _____ involves going beyond immediate data and making inferences

A) Descriptive and inferences B) Mutually exclusive and mutually exhaustive properties C) Positive skew and negative skew D) Central tendency

Solution : A) Descriptive and inferences

Q15. What is the formula for range?

A) $H+L$ B) $L-H$ C) LXH D) $H-L$

Solution : D) $H-L$