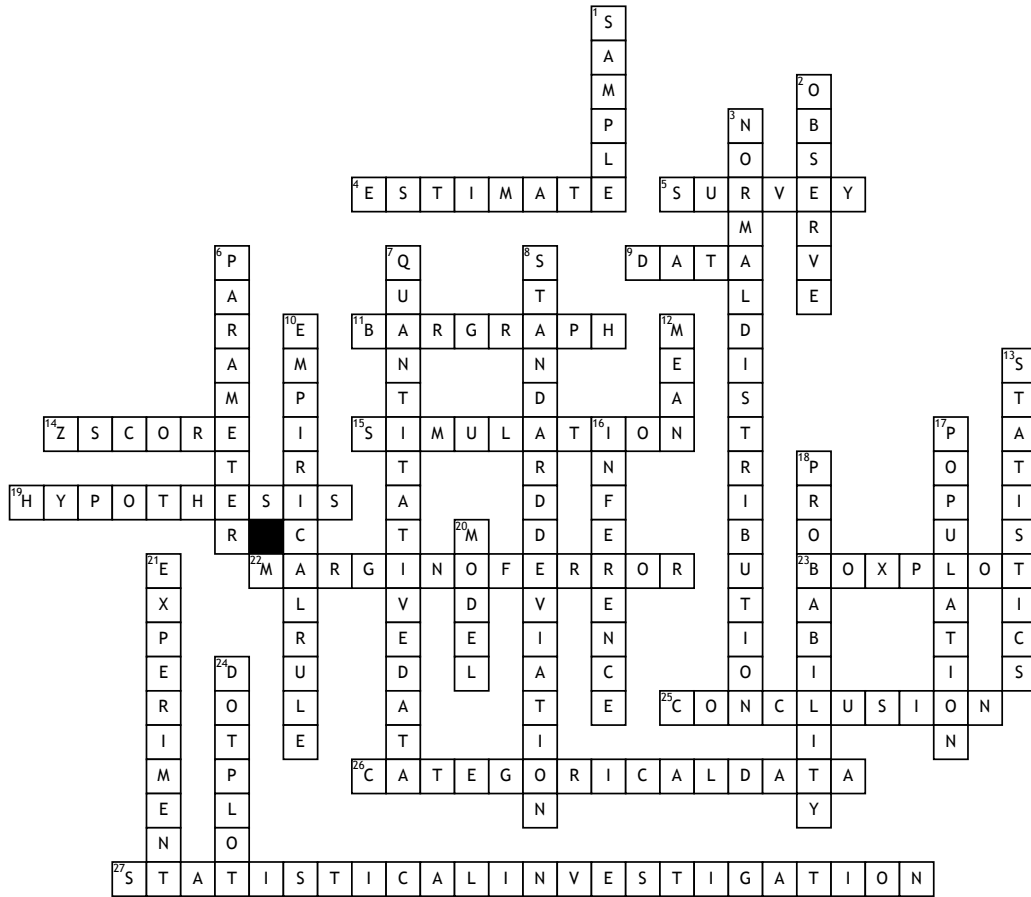


Statistics Word Search



Across

4. roughly calculate or judge the value, number, quantity, or extent of.
 5. investigate (behavior or opinions) by questioning a group of people.
 9. facts and statistics collected together for reference or analysis.
 11. a chart or graph that presents categorical data with rectangular bars with heights or lengths proportional to the values that they represent.
 14. a numerical measurement used in statistics of a value's relationship to the mean (average) of a group of values
 15. imitation of a situation or process.
 19. a supposition or proposed explanation made on the basis of limited evidence as a starting point for further investigation.
 22. an amount (usually small) that is allowed for in case of miscalculation or change of circumstances.
 23. is a method for graphically depicting groups of numerical data through their quartiles.
 25. the end or finish of an event or process.

26. is the statistical data type consisting of categorical variables or of data that has been converted into that form, for example as grouped data

27. part of an information gathering and learning process

Down

1. a small part or quantity intended to show what the whole is like.
 2. notice or perceive (something) and register it as being significant.
 3. a probability distribution that is symmetric about the mean, showing that data near the mean are more frequent in occurrence than data far from the mean
 6. a numerical or other measurable factor forming one of a set that defines a system or sets the conditions of its operation.
 7. are measures of values or counts and are expressed as numbers
 8. a quantity calculated to indicate the extent of deviation for a group as a whole.
 10. a shorthand used to remember the percentage of values that lie within a band around the mean in a normal distribution

12. is the central value of a discrete set of numbers

13. the practice or science of collecting and analyzing numerical data in large quantities, especially for the purpose of inferring proportions in a whole from those in a representative sample.

16. a conclusion reached on the basis of evidence and reasoning.

17. all the inhabitants of a particular town, area, or country.

18. the extent to which something is probable; the likelihood of something happening or being the case.

20. a three-dimensional representation of a person or thing or of a proposed structure, typically on a smaller scale than the original.

21. a scientific procedure undertaken to make a discovery, test a hypothesis, or demonstrate a known fact.

24. a statistical chart consisting of data points plotted on a fairly simple scale, typically using filled in circles

Word Bank

categorical data
 bar graph
 box plot
 observe
 empirical rule
 margin of error

hypothesis
 data
 Inference
 sample
 probability
 simulation

population
 model
 Conclusion
 statistical investigation
 experiment

mean
 standard deviation
 estimate
 Z-score
 normal distribution

survey
 quantitative data
 dot plot
 parameter
 statistics