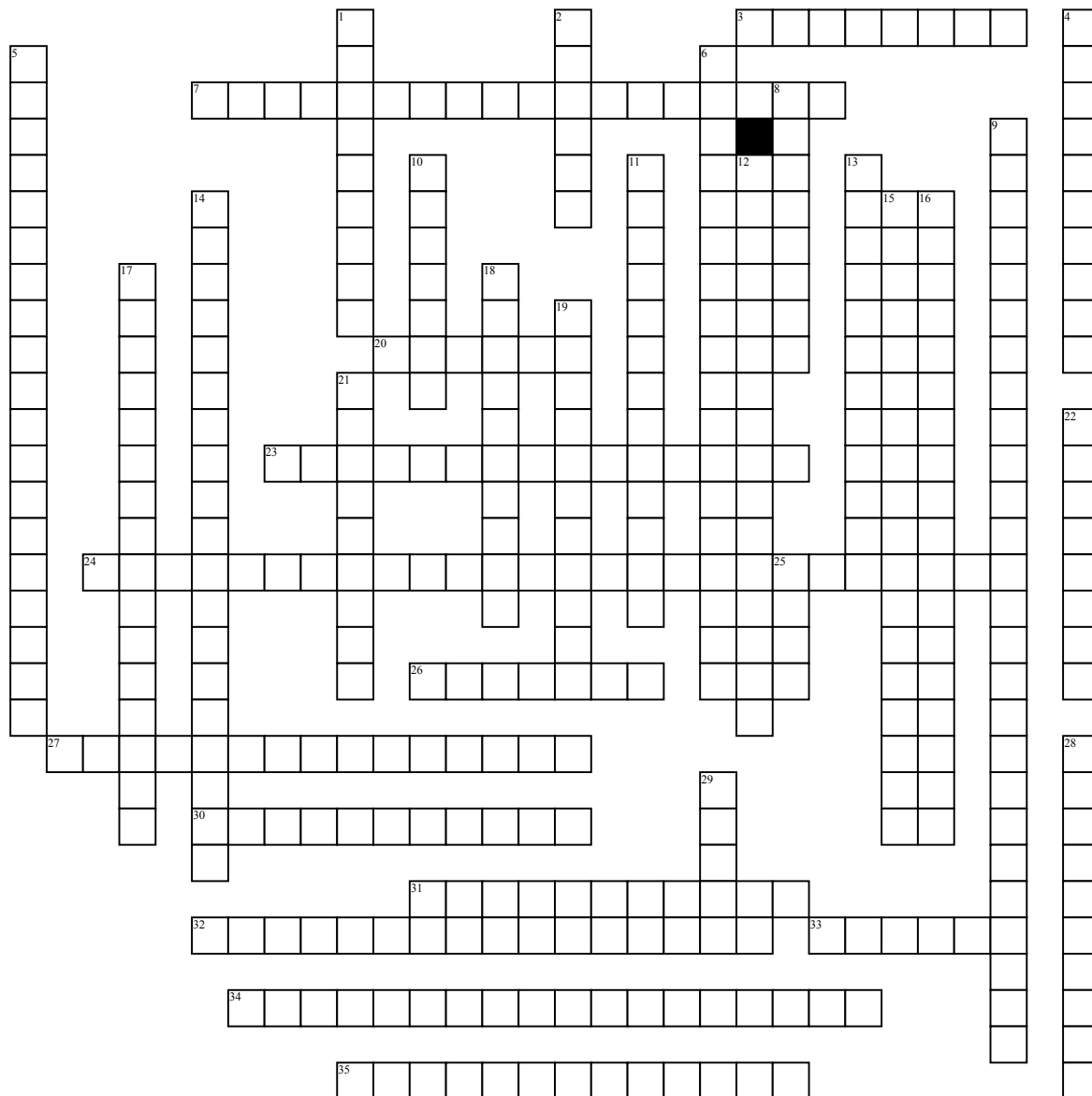


Statistics Vocabulary



Across

3. Characterizes data that can be arranged in order, but differences between data values are meaningful
7. Study in which we observe and measure specific characteristics, but don't attempt to manipulate or modify the subjects being studied
20. A small part or quantity intended to show what the whole is like
23. Is typically descriptive data and as such is harder to analyze than Quantitative data
24. Subjects that are very carefully chosen
26. Level of measurement of data; characterizes data that consists of names, labels, or categories only
27. sampling technique used when "natural" but relatively heterogeneous groupings are evident in a statistical population
30. denoting a test or trial, especially of a drug, in which any information that may influence the behavior of the tester or the subject is withheld until after the test
31. a variable in a statistical model that correlates (directly or inversely) with both the dependent variable and an independent variable
32. the deviations of estimates from their true values that are not a function of the sample chosen, including various systematic errors and random errors that are not due to sampling
33. With a randomized block design, the experimenter divides subjects into subgroups called blocks, such that the variability within blocks is less than the variability between blocks. Then, subjects within each block are randomly assigned to treatment conditions
34. subset of a statistical population in which each member of the subset has an equal probability of being chosen

35. noun: placebo effect; plural noun: placebo effects a beneficial effect, produced by a placebo drug or treatment, that cannot be attributed to the properties of the placebo itself, and must therefore be due to the patient's belief in that treatment.

Down

1. A numerical or other measurable factor forming one of a set that defines a system or sets the conditions of its operation
2. Official count or survey of a population
4. Results from infinitely many possible values that can be on a continuous scale without gaps or interruptions
5. One of the non-probability sampling methods
6. Type of sampling method where the researcher divides the population into separate groups, called strata
8. Results from either a finite number of possible values or a countable number
9. subjects are put into blocks through a process of random selection
10. Characterizes data that may be arranged in order, but differences between data values either cannot be determined or are meaningless
11. the error caused by observing a sample instead of the whole population
12. Data expressing a certain quantity, amount or range
13. a method of selecting a sample (random sample) from a statistical population in such a way that every possible sample that could be selected has a predetermined probability of being selected
14. Study in which data are observed, measured, and collected at one point in time

15. type of probability sampling method in which sample members from a larger population are selected according to a random starting point and a fixed periodic interval
16. Studies a cohort of individuals that share a common exposure factor to determine its influence
17. Longitudinal cohort study that follows over time a group of similar individuals who differ with respect to certain factors under study, to determine how these factors affect rates of certain outcome
18. The entire pool from which a statistical sample is drawn
19. the repetition of an experimental condition so that the variability associated with the phenomenon can be estimated
21. A fact or piece of data from a study of a large quantity of numerical data
22. The practice of keeping patients in the dark as to whether they are receiving a placebo or not
25. Facts and statistics collected together for reference or analysis
28. Practice or science of collecting and analyzing numerical data in large quantities
29. Characterizes data that can be arranged in order, for which differences between data values are meaningful, and there is an inherent zero starting point