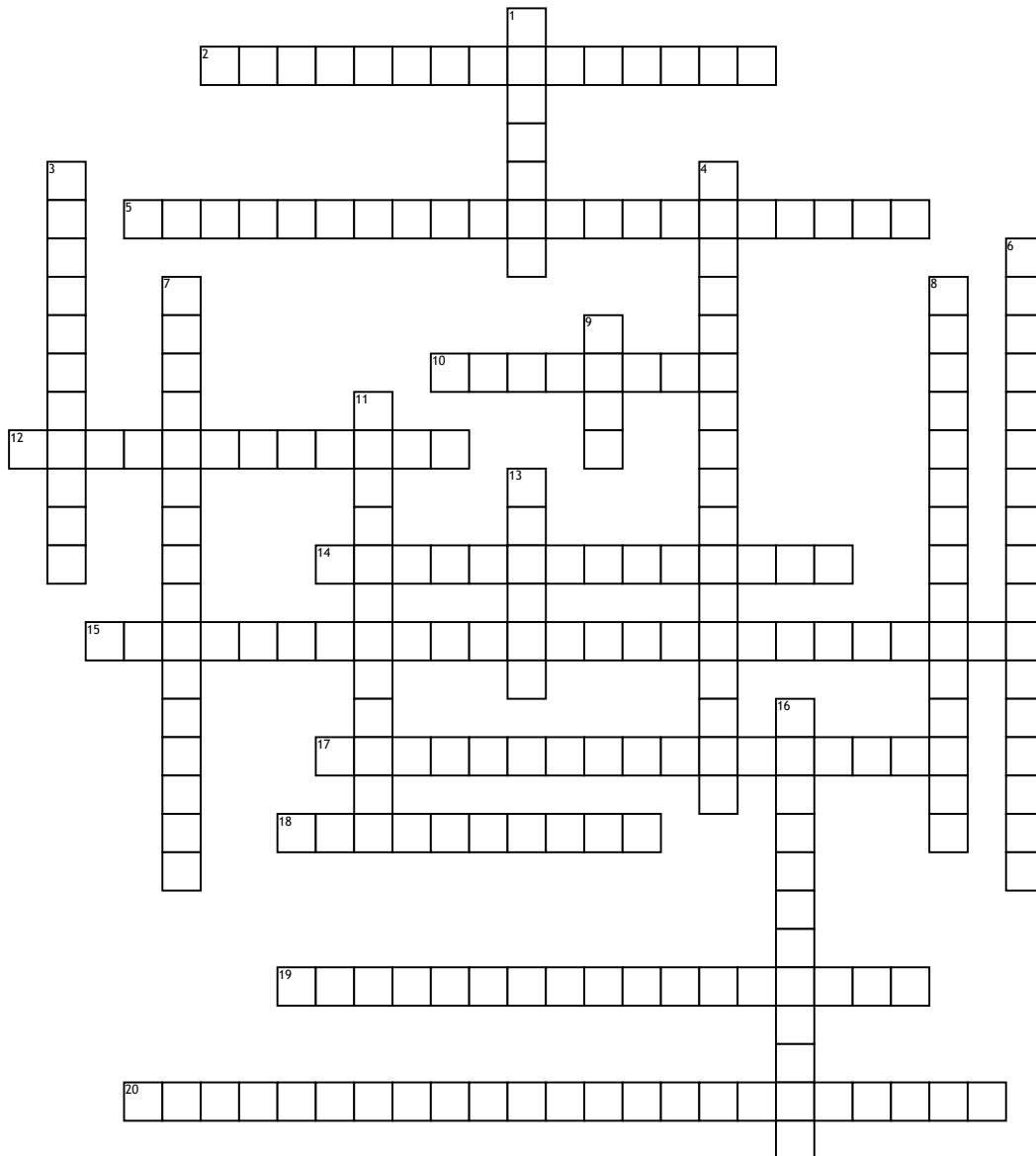


Probability and Statistics Crossword Puzzle



Across

- 2. determine the effect of the cause (independent) variables when changed for different values.
- 5. a summary statistic that quantitatively describes or summarizes features of a collection of information.
- 10. not consistent or having a fixed pattern; liable to change.
- 12. a small group of people or things.
- 14. group that receives a treatment in an experiment.
- 15. a classification that describes the nature of information within the values assigned to variables.
- 17. made up of people who are easy to reach.
- 18. all the organisms of the same group or species, which live in a particular geographical area.

- 19. a variable (often denoted by y) whose value depends on that of another.
- 20. an empirical interventional study used to estimate the causal impact of an intervention on target population without random assignment.

Down

- 1. a collection of numbers or values that relate to a particular subject.
- 3. the likelihood of something happening or being the case.
- 4. Variables that can only take on a finite number of values.
- 6. Different types include: nominal, ordinal, interval and ratio.
- 7. a sample that is drawn from a number of separate strata of the population, rather than at random from the whole population, in order that it should be representative.

- 8. a type of reactivity in which individuals modify an aspect of their behavior in response to their awareness of being observed.
- 9. facts and statistics collected together for reference or analysis.
- 11. a group separated from the rest of the experiment such that the independent variable being tested cannot influence the results.
- 13. a small part or quantity intended to show what the whole is like.
- 16. a subset of individuals chosen from a larger set. Each individual is chosen randomly and entirely by chance, such that each individual has the same probability.