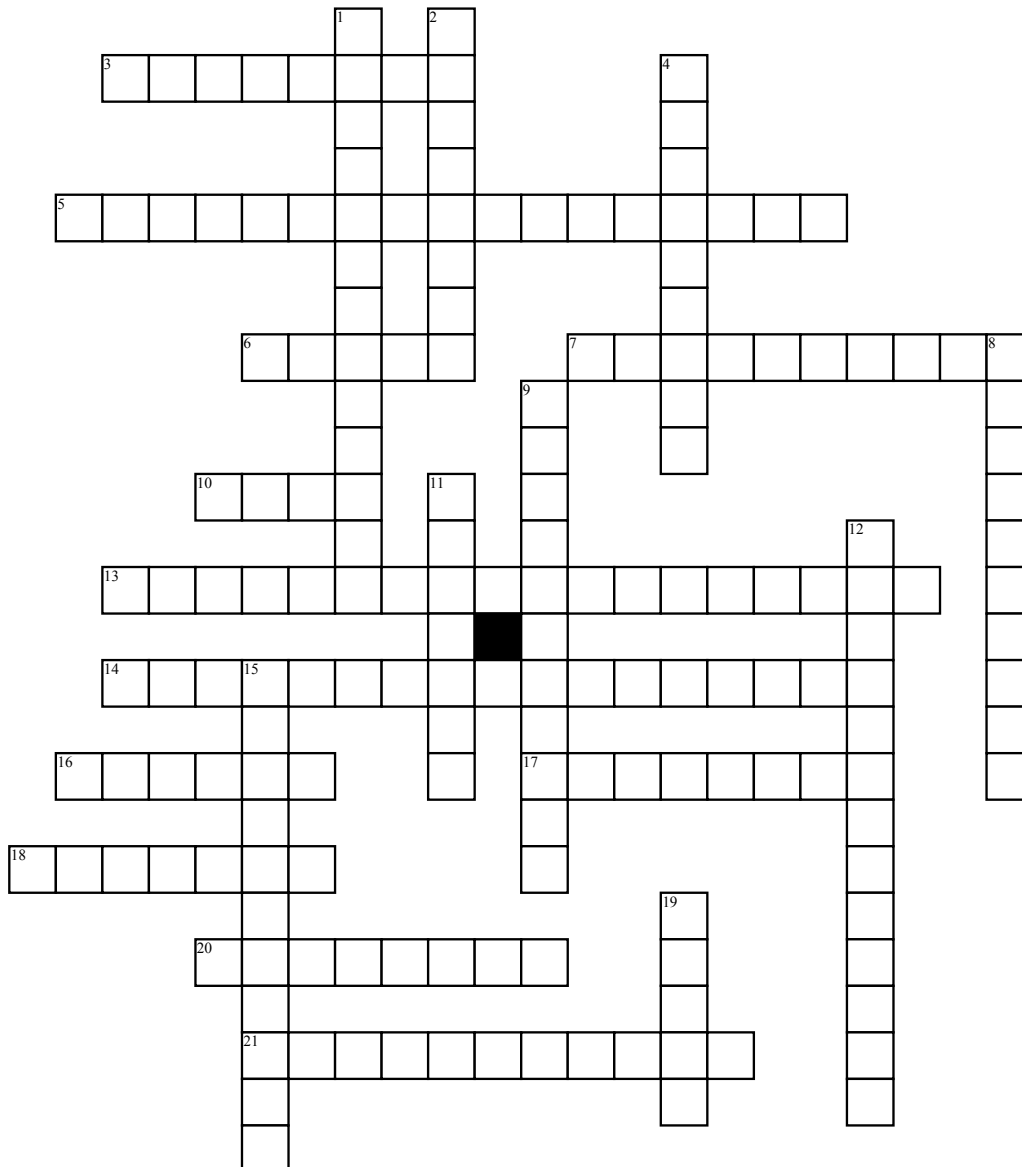# Stats Crossword

Across

3. The expected value of the squared deviation from the mean.
5. Describes the spread in a model and is the square root of the variance.
6. The specific values that the experimenter chooses for a factor.
7. The numbers we choose to help specify a model.
10. Any collection of numbers, characters, images, or other items that provide info about something.
13. A sample in which each set of elements in the population has an equal chance of selection.
14. The variable of interest.
16. A variable whose values are manipulated by the experimenter.
17. A variable whose values are compared across different treatments.
18. Any data point that stands away from the others.
20. Events that share no outcomes in common.
21. When there is no association between variables.

Down

1. A sampling scheme that biases the sample in a way that gives a part of population less representation than it has in the population suffers from...
2. The difference between the observed value and its associated predicted value.
4. Displays the distribution at a glance.
8. Models a real-world situation by using random-digit outcomes to mimic the uncertainty of a response variable of interest.
9. A display of conditional events or probabilities that is helpful in thinking through conditioning.
11. A treatment known to have no effect, administered to one group so that all groups experience the same conditions.
12. A sampling design in which entire groups are chosen at random.
15. A number between 0 and 1 that reports the long-run frequency of that event's occurrence.
19. A collection of outcomes.