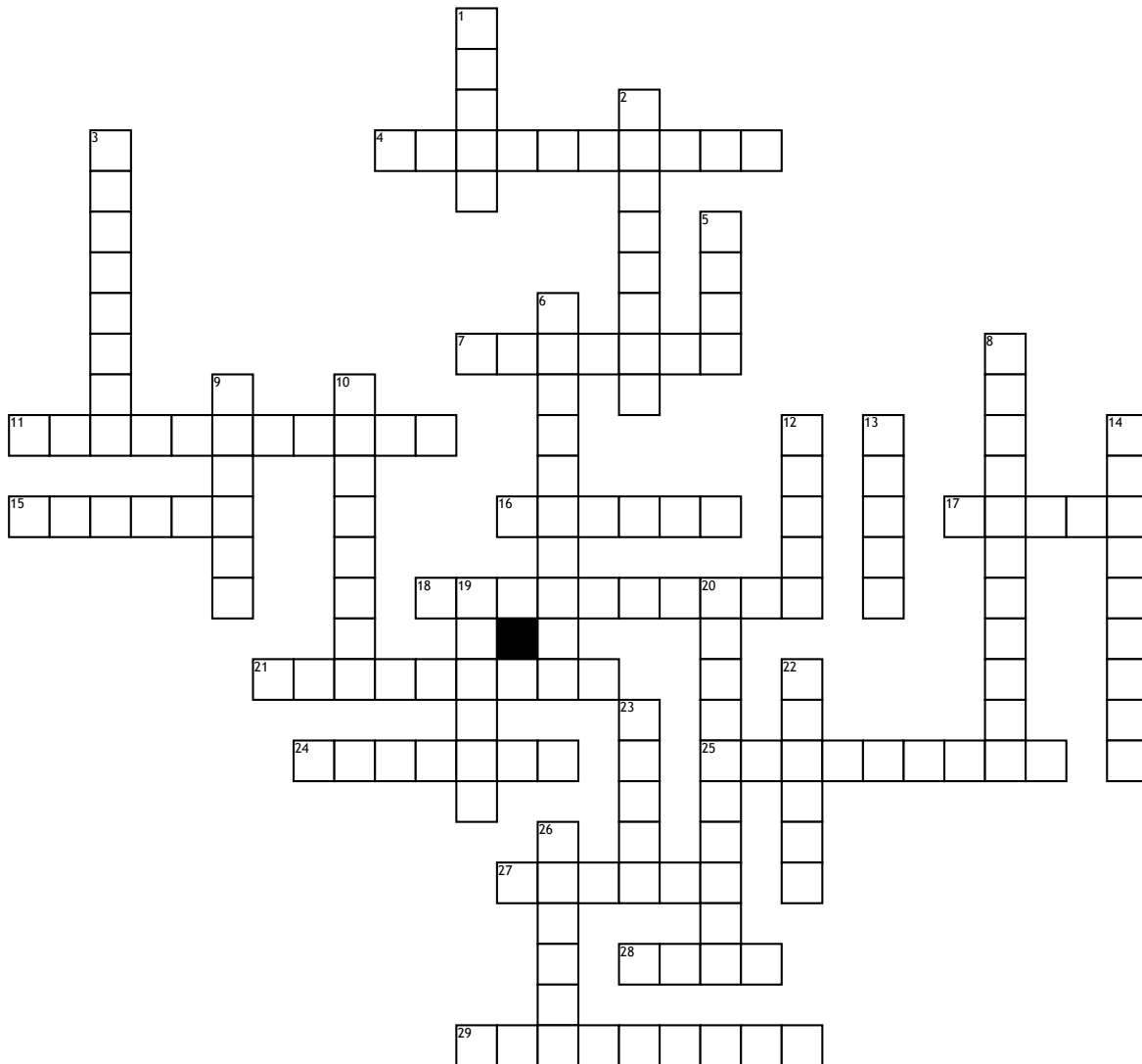


Vocabulary Crossword Puzzle



Across

- 4. this is a treatment that has no active ingredient, but is otherwise like other
- 7. in an experiment this means the experimental units are assigned to treatments using a chance
- 11. Statistically
- 15. the experimental units are assigned to the treatments completely by
- 16. this occurs when some members of the population are less likely to be chosen or cannot be chosen for the
- 17. the design of a statistical study shows this if it would consistently underestimate or consistently overestimate the value you want to know when the study is repeated many
- 18. Random
- 21. this describes the fact that some subjects in an experiment will respond favorably to any treatment, even an inactive
- 24. this consists of people who choose to be in the sample by responding to a general invitation and are sometimes called self-selected

- 25. this deliberately imposes some treatment on individuals to measures their
- 27. this involves using a chance process to determine which members of a population are included in the
- 28. this is a subset of individuals in the population from which we collect
- 29. in an experiment, this group is used to provide a baseline for comparing the effects of other treatments. Depending on the purpose of the experiment, this group may be given an inactive treatment or an active

Down

- 1. this occurs when two variables are associated in such a way that their effects on a response variable cannot be distinguished from each
- 2. in this experiment, neither the subjects nor those who interact with them and measure the response variable know which treatment a subject
- 3. Random
- 5. when an observed difference in responses between the groups in an experiment is too large to be explained by chance variation in the random assignment, we say that the result is

- 6. this collects data from every individual in the
- 8. this occurs when an individual chosen for the sample can't be contacted or refuses to
- 9. Placebo
- 10. Voluntary Response
- 12. in a statistical study is the entire group of individuals we want information
- 13. Observational
- 14. this observes individuals and measures variables of interest, but does not attempt to influence the
- 19. Simple Random
- 20. this is a specific condition applied to the individuals in an
- 22. Completely Randomized
- 23. Control
- 26. A size n is a sample chosen in such a way that every group of n individuals in the population has an equal chance of being selected as the