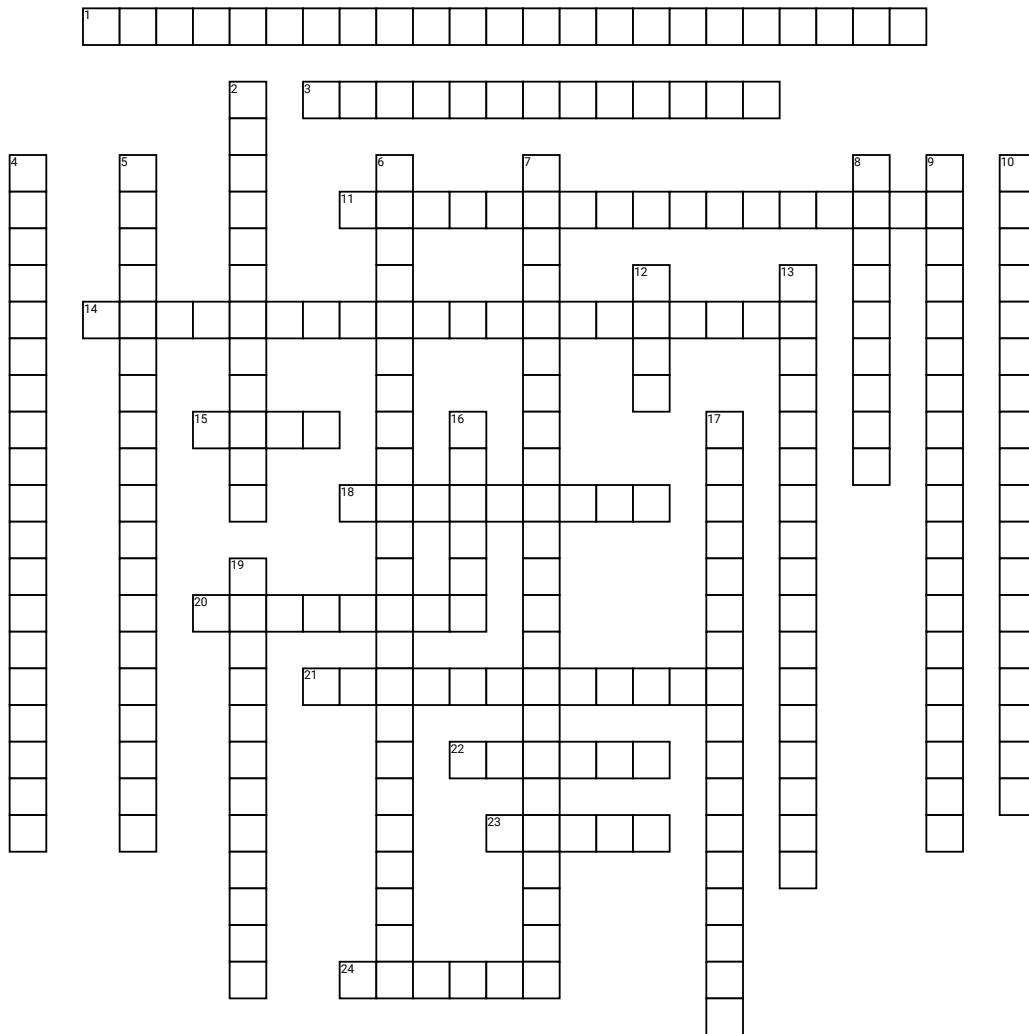


Name: \_\_\_\_\_

# Research Methods Crossword



## Across

1. a statistical statement of how likely it is that an obtained result occurred by chance  
3. experimental effects caused by expectations alone  
11. measures the average difference between each score and the mean of the data set  
14. research design in which neither the experimenter nor the participants know who is in the experimental or control group  
15. most frequently occurring score in a set of research data  
18. a descriptive technique in which one individual or group is studied in depth in the hope of revealing universal principles  
20. the extent to which a test or experiment measures or predicts what it is supposed to  
21. a sample that fairly represents a population because each member has an equal chance of inclusion  
22. a descriptive technique for obtaining the self-reported attitudes or behaviors of a particular group, usually by questioning a representative

23. the difference between the largest score and the smallest score  
24. the middle score when a set of data is ordered by size

## Down

2. in an experiment the group that is not exposed to the treatment  
4. perceiving a relationship where none exists  
5. a factor often than the independent variable may change in response to manipulations of the independent variable  
6. a statistical statement of how likely it that an obtained result occurred by chance  
7. a descriptive technique of observing and recording behavior in naturally occurring situations without trying to manipulate or control the situation  
8. a bar graph depicting a frequency distribution  
9. The experimental factor that is manipulated; the variable whose effect is being studied  
10. a representation of scores that lack symmetry around their average

12. the arithmetic average of a set of scores  
13. the outcome that is measured; the variable that may change when the independent variable is manipulated  
16. an explanation using an integrated set of principles that organizes observations and predicts behaviors or events  
17. In an experiment the group exposed to the treatment that is to one version of the independent variable  
19. a flawed sampling process that produces an unrepresentative sample

## Word Bank

statistical significance  
experimental group  
mode  
dependent variable  
control group  
naturalistic observation

sampling bias  
histogram  
doubleblindprocedure  
median  
case study  
random sample

independent variable  
validity  
standarddeviation  
mean  
survey  
statisticalsignificance

theory  
illusory correlation  
confounding variable  
range  
placebo effect  
skewed distribution