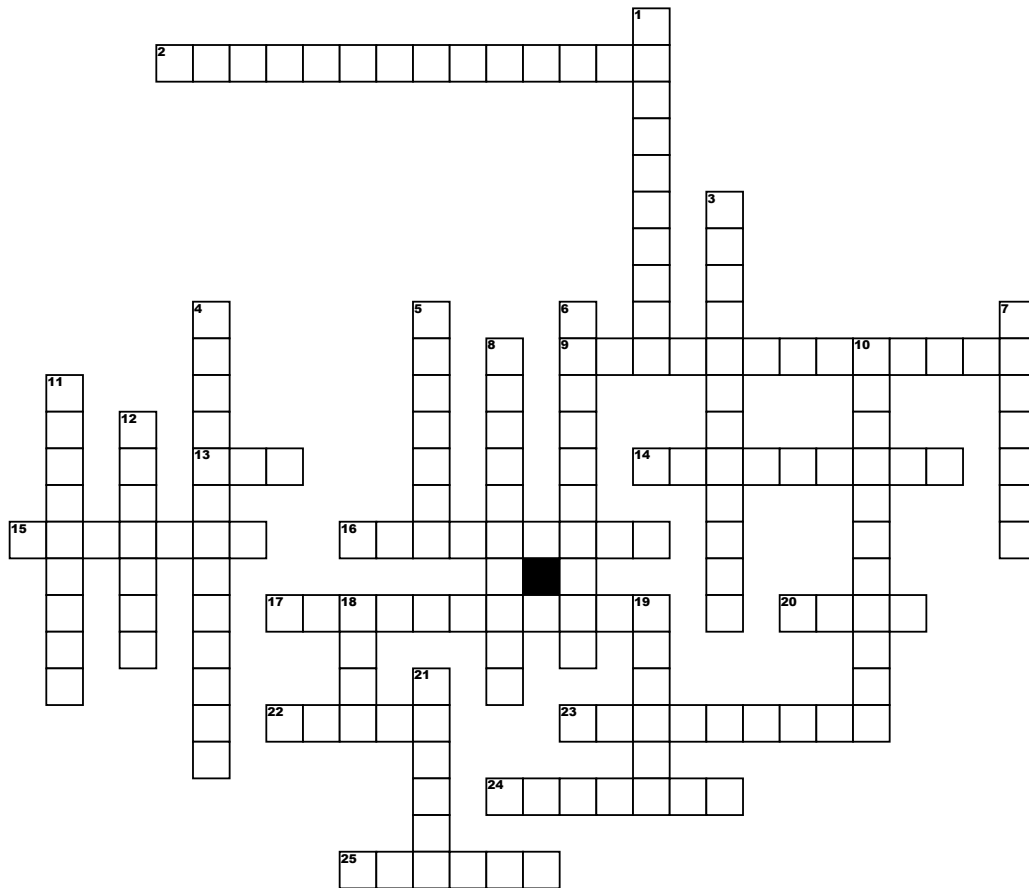# Statistical Vocabulary

Across

2. The median Q1 and Q3 quartiles minimum and maximum?

9. A study based on data in which no manipulation of factors has been employed.

13. Subtract the first and third quartile?

14. The group that receives the REAL treatment

15. A graphical representation of a 5 number summary?

16. Any number like an average or percentage,that describes the entire population.

17. Imitating or enactment, as of something anticipated or in testing.

20. Number you see the most

22. Subtract the highest number from the lowest?

23. The variable being tested in a scientific experiment.

24. a beneficial effect

25. A study that uses counts or measures of the entire population.

Down

1. A precise, testable statement of what the researchers predict will be the outcome of the study.

3. A study based on data that manipulates factor levels to create treatments

4. Average of the total numbers

5. It is 1.5 times smaller or larger than and it lies outside?

6. The entire group of individuals ?

7. A population is divided into groups, then ALL members of one or more are selected as part of the sample group

8. The population is ordered in some way and even nth member is chosen for the sample group.

10. The variable that is changed or controlled in a scientific experiment.

11. A graph of vertical bars representing the frequency distribution of a set of data.

12. Statistical chart consisting of data points plotted on a fairly simple scale

18. Average of the total numbers

19. Group that participated

21. Number in the middle

Word Bank

HISTOGRAM	SAMPLE	EXPERIMENTAL	MEAN
HYPOTHESIS	OBSERVATIONAL	CLUSTER	INDEPENDENT
OUTLIER	SIMULATIONS	MEDIAN	DEPENDENT
POPULATION	MARGINOFERROR	SYSTEMATIC	PARAMETER
TREATMENT	5 NUMBER SUMMARY	DOTPLOT	CENSUS
MODE	IQR	PLACEBO	RANGE
BOXPLOT			