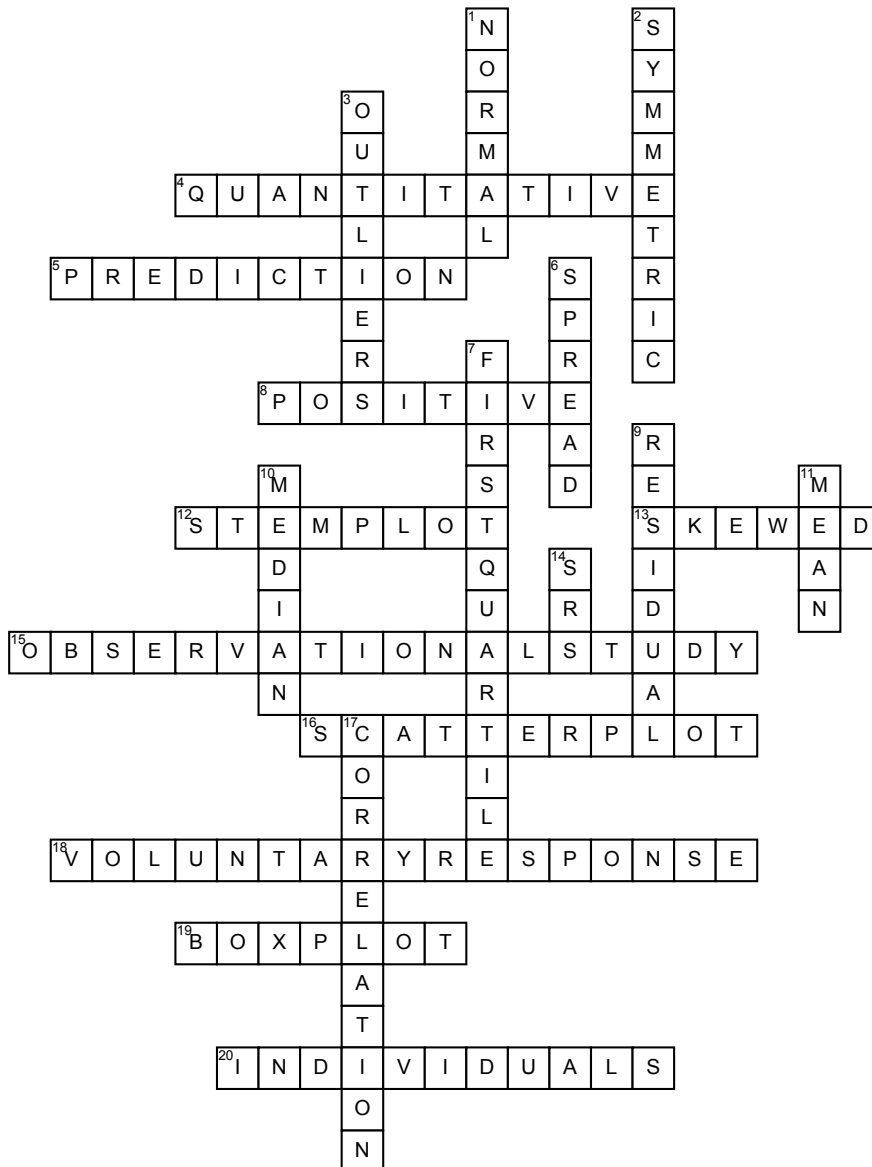# Statistics Vocab Review

Across

4. variable that represents a numeric quantity

5. a least squares regression line is used to make a _____

8. descriptor for the direction of a scatter plot that rises as its explanatory variable increases

12. a graphic organization of data that includes 2 columns and a key

13. when the data tails to the right or left, pulling the mean toward the tail

15. watching subjects or reviewing records of subjects to obtain information about the population

16. graphical display of the relationship between 2 quantitative variables

18. a sample survey where subjects choose themselves to participate

19. a graphical display used to show a five number summary

20. subjects of an experiment or survey

Down

1. the density curve that is single peaked with the mean at its center

2. a descriptor used for a data distribution when the graph looks roughly the same on both sides of the mean

3. data values that are more than 2 standard deviations from the mean

6. descriptor for the variety of data, also describes the difference between max and min

7. 25% of the data lies below this point

9. Difference between observed value and expected value

10. the center value of a data distribution

11. the average value of a distribution

14. a sample chosen by by chance

17. numeric value describing the relationship between 2 quantitative variable in a scatter plot