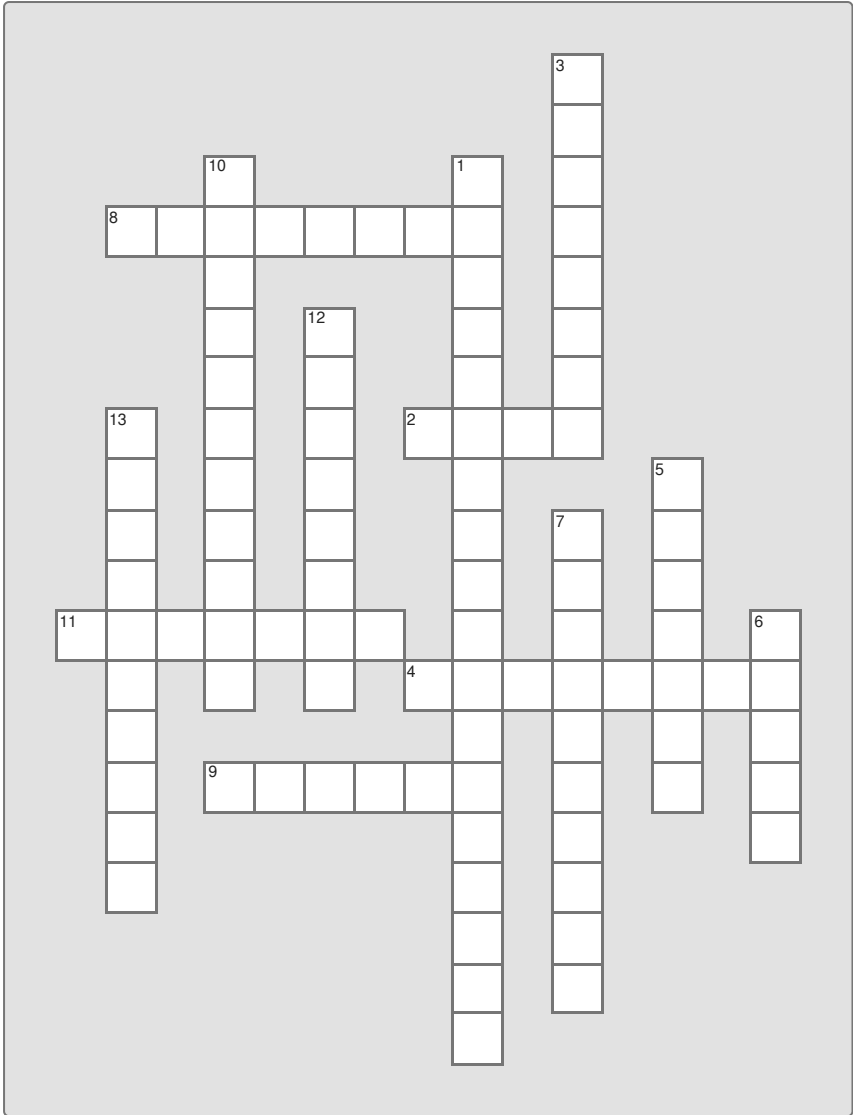# Statistics Crossword

Across

2 The most frequently occurring value in a dataset.

4 A statistical approach that uses prior knowledge to update the probability of an event.

8 The average of the squared differences from the mean.

9 A statistical property of a distribution, such as the mean or variance.

11 A distribution that models the number of events occurring in a fixed interval of time or space.

Down

1 A condition in which the variance of the errors in a regression model is not constant.

3 A type of quantile that divides a dataset into four equal parts.

5 A data point that is significantly different from other data points in a dataset.

6 An analysis of variance that tests the equality of means of two or more groups.

7 The probability of observing the data given a model.

10 A statistical approach that interprets probability as the limit of the relative frequency of an event.

12 A nonparametric test that compares two paired groups.

13 A variable that is associated with both the independent and dependent variables in a study.