

Using Words with Friends Data in an Introductory Statistics Course
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Abstract

Words with Friends is a multi-player word game that is similar to Scrabble and available as an app on iOS, Windows phone, and Facebook. It is a popular and top ranking game in the iOS app store. Data was collected to provide interesting examples of data analysis and interpretation. The data set contains information about a series of ten games between two players, including the point value of each letter per player per play, the point value of each word, whether the word included a double or triple letter, whether the word included a double or triple word tile, whether special high point letters were used, and the final scores of each game. The data set can be used for descriptive techniques such as comparisons of central tendencies and variation, confidence intervals, hypothesis testing, and conditional probabilities.



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