

Measures of Central Tendency

Home Work

For questions 31-33, find the mean, median, mode, range, IQR and the standard deviation of each set of data. Then, make a quantitative statement about each data set based on the measures of central tendency. Be sure to include something about the spread of the numbers.

31. Mortgage rates (in percentages): www.mortgagedaily.com

Year	1971	1976	1981	1986	1991	1996	2001	2006	2011
Rate	7.31%	8.73%	15.58%	9.94%	9.5%	7.92%	7.08%	6.51%	4.84%

32. Golf scores for the British Open top 14. (4 round total)

273	274	277	277	278	278	279
279	280	280	280	280	280	280

33. The number of Facebook friends of 10 students.

45	7	36	12	15	96	150	13	17	20
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34. The following is a list of golf scores that a person kept track of over the summer. Find the mean. Would the standard deviation be large or small?

74	82	83	81	71	72	71	85	88	72	71	90	71
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35. Find the IQR for the list in question 34.

36. Write a list of 10 scores for a test (in percentages) that would have a large standard deviation.