Chapter 11: Statistical Measures

Lesson 3: Measures of Variation

Note: (i) Range = Highest data - Lowest data

(ii) Median:

Step 1: Arrange the data in ascending order

Step 2: Median is the middle number, if there are 2 numbers in middle then add them and then divide by 2

(iii) Inter Quartile Range, I.Q.R = Q3 - Q1

1. Find the range of 13, 16, 20, 7, 19, 15, 8

   Range =

2. Find the median of 4, 2, 6, 5, 7, 1, 3.

   Median =

3. Find the measures of variation namely median, Q1, Q3, I.Q.R, range of 17, 22, 14, 25, 18, 11, 20.

   Median =

   Q1 =

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Q3 =

I.Q.R =

Range =

4. Find the measures of variation namely median, Q1, Q3, I.Q.R, range of 78, 67, 76, 94, 114, 80, 82.

Median =

Q1 =

Q3 =

I.Q.R =

Range =

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