

D. Dexterity

A research study of manual dexterity involved determining the time required to complete a task. Data collected from 40 disabled individuals are as follows:

7.1	7.2	7.2	7.6	7.6	7.9	8.1	8.1	8.1	8.3
8.3	8.4	8.4	8.9	9.0	9.0	9.1	9.1	9.1	9.1
9.4	9.6	9.9	10.1	10.1	10.1	10.2	10.3	10.5	10.7
11.0	11.1	11.2	11.2	11.2	12.0	13.6	14.7	14.9	15.5

Find the following:

- a) 3rd quartile
- b) 5th decile
- c) 97th percentile
- d) 2nd quartile
- e) 9th decile
- f) the 5-number summary

Use R to solve this problem. Include in your answer the R-commands used to arrive at the solutions/results.

Data found here:

<http://dcs.adnu.edu.ph/~neithan/xiphias/inputfiles/dexterity.csv>