

F. MPG for SUVs

The data shown below

(contained in the file

<http://dcs.adnu.edu.ph/~neithan/t.space/jeu/competition/problems/suv.csv>)

represent the number of miles per gallon (MPG) that 25 selected 4-wheel drive sports utility vehicles (SUV) obtained in city driving.

12	17	12	14	16
16	18	12	16	17
15	16	12	15	16
12	14	15	12	15
19	13	16	18	16

Find the following:

- a) 98th percentile
- b) 9th decile
- c) 2nd quartile
- d) 50th percentile
- e) 2nd decile
- f) first quartile
- g) mean
- h) median
- i) standard deviation
- j) variance

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