

Exer 3.3

[Computation/variability/variability101]

Which one of these commands will give the 95th percentile of the children's heights in Galton's data? (galton.csv)

- A `quantile(galton$height, 95)`
- B `quantile(galton$height, 0.95)`
- C `quantile(galton$father, 95)`
- D `quantile(galton$father, 0.95)`

Exer 3.3-1

Which of these command will give the 90-percent coverage interval of the children's heights in Galton's data?

- A `quantile(galton$height, c(0.05, 0.95))`
- B `quantile(galton$height, c(0.025, 0.975))`
- C `quantile(galton$height, 0.90)`
- D `quantile(galton$height, 90)`

Exer 3.3-2

Find the 50-percent coverage interval of the following variables in Galton's height data:

- Father's heights

- A 59 to 73 inches
- B 68 to 71 inches
- C 63 to 65.5 inches
- D 68 to 74 inches

Exer 3.3-3

- Mother's heights

- A 59 to 73 inches
- B 68 to 71 inches
- C 63 to 65.5 inches
- D 68 to 74 inches

Exer 3.3-4

Find the 95-percent coverage interval of

- Father's heights

- A 65 to 73 inches
- B 65 to 74 inches
- C 68 to 73 inches
- D 59 to 69 inches

Exer 3.3-5

- Mother's heights

- A 62.5 to 68.5 inches
- B 65 to 69 inches
- C 63 to 68.5 inches
- D 59 to 69 inches

Exer. 3.3-6