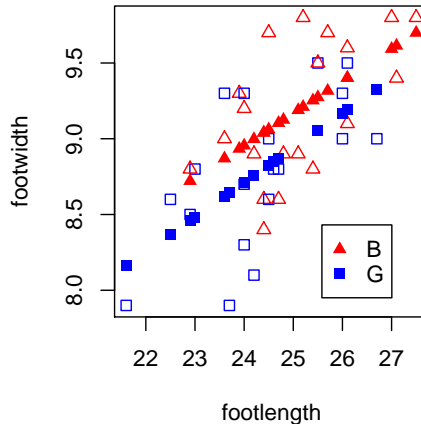


Exer 5.5

[A/AC133]

Here is a graph of the kids feet data showing a model of footwidth as a function of footlength and sex. Both the length and width variables are measured in cm.



The model values are solid symbols, the measured data are hollow symbols.

Judging from the graph, what is the model value for a boy with a footlength of 22 cm?

- A 8.0cm
- B 8.5cm
- C 9.0cm
- D 9.5cm
- E Can't tell from this graph.

Exer 5.5-1

According to the model, after adjusting for the difference in foot length, what is the typical difference between the width of a boy's foot and a girl's foot?

- A no difference
- B 0.25cm
- C 0.50cm
- D 0.75cm
- E 1.00cm
- F Can't tell from this graph.

Exer 5.5-2

Judging from the graph, what is a typical size of a residual from the model?

- A 0.10cm
- B 0.50cm
- C 1.00cm
- D 1.50cm
- E Can't tell from this graph.

Exer 5.5-3