

Exercise sheet 9

Data Analyses and Graphics

1. Eyes
The dataset *visual* is in the package *Fahrmeir*. What information can you find in the dataset and which graphics would you use to show this?
2. Robust statistics
The command *rlm* carries out robust analyses of linear models. It is a robust version of *lm* and should protect against outlying values. What graphics are available with this command? Are they the right ones or would you suggest something else?
3. Sparpaket
The German government have recently announced a number of financial cuts to save money. The dataset

Sparpaket.txt

is on the course's webpage (thanks to Martin Theus). Which graphics would you suggest to present these data?