TODO: Valideringsplots!

Case: Poisons & treatments

In an experiment regarding poisoning of rats, survival time for 48 rats were measured. Each rat recieved one of three poisons (dose low, medium, high) and was afterwards treated with one of four treatments, A, B, C, D. The experiment was designed such that there are four rats for every combination of poison and treatment.

Variables

variable name	description
`sample`	Poison
`tit1`	Treatment
`Time`	Survival time in hours.
`invTime`	1 / Time.

Exercise

We will use `invTime` as resopnse variable.

- Make relevant box plots for data.
- Make an interaction plot.
- Test for the hypothesis of no interaction. What is the interpretation of this hypothesis?
- Test main effects.
- Summarize your findings in a conclusion.