

Chapter 7

Practicals

7.1 Practical 1: Linear Mixed Models with R

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Chapter 8

Closing

8.1 Concluding Remarks

- **When we need mixed effects models?**
 - ▷ to analyze correlated data structures, e.g.,
 - * longitudinal data
 - * hierarchical data
 - * ...
- **How mixed models work?**
 - ▷ a model for the responses given random effects
 - ▷ a model for the random effects

8.1 Concluding Remarks (cont'd)

- **What we did not cover**
 - ▷ mixed models for discrete longitudinal data
 - ▷ Generalized Estimating Equations
 - ▷ ...

The End!