

8. Additional topics in linear modeling

Outline

- We now have practical skills to
 - ① Write down linear models,
 - ② Fit them in R,
 - ③ Interpret the output in terms of parameter estimates, confidence intervals and hypothesis tests,
 - ④ Check that R is fitting the model that we intend,
 - ⑤ Check that the model we intend is appropriate for the data.
- These skills provide a foundation for many extensions helpful for particular situations.