

Homework 8: Due on April 14

Guideline

- Homework should be submitted via Gradescope by Friday midnight (11:59 pm. CDT).
 - Homework answers to Simulations and data analysis should be written in R Markdown. Please use `\newpage` in R Markdown to separate answers to different questions. For simulations, please use `set.seed(4211)` to make your result reproducible.
 - Please also upload your executable “xxx.Rmd” file to the corresponding homework assignment on Canvas.
 - Please find the following exercises from the book Extending the Linear Model with R by Faraway, 2016.
 - The total score for the homework is 50 points, with each worth 25 points.
1. Linear mixed-effects model (LME). Ex. 10.1
 2. Longitudinal model using LME. Ex. 11.2.