

## Homework 7: Due on Mar. 31

### 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. Logistic regression for grouped binary data. Ex. 3.1
  2. Logistic regression for grouped binary data. Ex. 3.2.