

Homework 05

Math 315, Fall 2018

Due: Oct. 19 by 4 p.m.

Instructions: Complete the following problems and submit them by 4 p.m. on the due date. Please make sure that your solution is neatly written, clearly organized, and stapled (if there are multiple pages).

- Problems 6H1, 6H4-6H6 from the textbook.
- Use $\mathcal{N}(0, 100)$ as your weakly regularizing prior for the intercept and slope coefficients, and $\text{Unif}(0, 50)$ for the standard deviation.