Homework 10

Math 315, Fall 2019

Due 1 November by 4:00 p.m.

Instructions: Complete the following problem and submit it 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). You may complete derivations by hand, but any R work should be completed using R Markdown to render the final write up. You may hide the plotting code chunks, but you need to include your JAGS/R code where you fit your models.

BSM Chapter 3 exercises 4e; 6 a, b & e; 10

Hint: If parameters differ by group/observation, move them into the `for()` loop where you specify your likelihood.