AIM 5009 Bayesian Statistics
Problem Set 4.3

Instructions

This problem set makes further use of the beta-binomial model and explores concepts covered in chapter 4 of the textbook.

Complete the following problems. Your full solutions should be typed or neatly handwritten and should be submitted as a PDF file by the due date given in Canvas.

Problems

1. Complete textbook exercise 4.3 to review the basic ideas of assigning prior distributions using the beta distribution.
2. Complete textbook exercise 4.14.
3. Complete textbook exercise 4.16.
4. Complete textbook exercise 4.19.

Grading Rubric

For this assignment, the following rubric will be used:

Correctness of Answers	$0 - 6$
Clarity and Organization of Presentation	$0 - 4$