MA 578 — Bayesian Statistics

Homework 4
(Due: Tuesday, 10/29/19)

1. BDA problem 2.11 (a) and 4.1. When solving 2.11(a), use a similar setup to problem 4.1: data are $\mathbf{y} = (-2, -1, 0, 1.5, 2.5)$ but take θ uniform on $[-4, 4]$.

   [*] Find Jeffreys prior for θ.

2. BDA problem 5.13.

3. [*] BDA problem 5.8.