

## Bayesian Data Analysis Problem Set 2

1. Number 2 on page 95. For both surveys, please write down a likelihood, a prior, and a posterior. Note that the problem asks you to use 2 categories for each survey. In R, you can sample from the beta distribution with the function `rbeta()`. Histograms can be made with `hist()`.
2. Number 3 on page 96 You can sample from the t distribution with `rt()` in R.
3. Number 4 on page 96 I take "Summarize" to mean "please make a histogram."
4. Number 11 on page 99 (This is optional. We will do it in the computing session in class.)
5. Number 3 on page 114

Note: The last problem will be postponed if we do not finish chapter 4 on Sept 29th.