

Monte Carlo Methods Case Study

I built up the theory pretty far in the last of my “Why Do They Work” write-ups:

* <https://brianhill.github.io/bayesian-statistics/resources/MonteCarloMethodsWhyDoTheyWork-III.nb.pdf>

Our case study is going to be the Hepatitis B vaccination study described in Chapter 2 of *Markov Chain Monte Carlo in Practice*, by Gilks, Richardson, and Spiegelhalter.

On pp. 27 and 28 of Chapter 2, they describe the likelihoods and the priors.