STAT/CSSS 564: Assignment 5

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WORK IN PROGRESS

Instructions

This repository contains the assignment instructions. Submitted solutions will use a **separate** repository.

1. Fork UW-CSSS-564/assignment-2017-5-submissions repository to your account.
2. Edit the file `README.Rmd` with your solutions to the problems.
3. Submit a pull request to have it graded. Include either or both a HTML and PDF file.

For updates and questions follow the Slack channel: #assignment5.

This assignment will require the following R packages:

```
library("rstan")
library("rstanarm")
library("haven")
library("tidyverse")
library("loo")
```

Set the following options for faster sampling sampling.[^rprofile] This option sets the default to save a compiled model to disk and reuse it if the code hasn't changed. This will avoid needless recompilation.

```
rstan_options(auto_write = TRUE)
```

If you sample with multiple chains and your computer has multiple cores, this will run the chains in parallel.

```
options(mc.cores = parallel::detectCores())
```

WARNING This will increase the amount of memory used, so if your computer does not have multiple cores, or is not powerful, you may not want to use this. Sampling will take longer, but use less memory.

TODO

References