

Hints for Project 1

Last updated: 12 October 2017

- You have not been given any data for the interarrival or service times. So, you'll need to intelligently choose distributions to model these times. What distributions are typically used to model these kinds of times? (See Lesson 6.) You should explain your choices briefly in the Input Data Analysis section of your report.
- You'll need to perform an input data analysis on the given renege time data. Feel free to re-use your input data analysis code from Assignment 4. Just make sure to change the candidate distributions appropriately.
- What performance measures do you think will be useful for the planners of Midville Mall?

- You'll probably need to perform some computations on your raw JaamSim output first before summarizing it. For example:

```
output <- output %>%  
  mutate(fraction.balked = number.balked / number.passed.by,  
         fraction.reneged = number.reneged / number.in.queue)
```