18.443 Problem Set 3 Spring 2015
Statistics for Applications
Due Date: 2/27/2015
prior to 3:00pm

Problems from John A. Rice, Third Edition. [*Chapter.Section.Problem*]

1. Problem 8.10.21.

2. Problem 8.10.45. **A Random walk Model for Chromatin**

   Only parts (a) through (g). See R script file "*Rproject3_script4_Chromatin.r*'
   in Rproject3. You can edit this file for your answers; turn in hard-
   copy of an html file compiled by creating a "notebook" from the script
   (press the button on the script window that looks like a notebook).
   Circle/highlight your answers on the hard-copy.

3. Problem 8.10.51 **Double Exponential (Laplace) Distribution**

4. Problem 8.10.58 **Gene Frequencies of Haptoglobin Type** See
   R Script file "*Rproject3_script1_multinomial_simulation.r*" in Rpro-
   ject3. You can edit this file for your answers; turn in hard-copy of
   an html file compiled by creating a "notebook" from the script (press
   the button on the script window that looks like a notebook). Cir-
   cle/highlight your answers on the hard-copy.

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