

Assignment #5 contains several textbook problems from Chapters 4 and 5.

You should know how to do all of these problems using the normal table, but I encourage you to learn as well to do them with R or with your calculator. (Some TI graphing calculators might be able to calculate normal probabilities.) You will not be tested on the use of R, but once you have mastered the normal table, you might find R more convenient to use for this and future homework assignments.

Here are the assigned problems from the textbook.

From chapter 4, problems 4.13, 4.14, 4.15, 4.21, 4.23, and 4.39

From chapter 5, problem 5.4.

There are 7 problems, so this assignment is worth 35 HW points. If you feel challenged by these problems, I encourage you to do additional problems on your own. I suggest choosing extra problems with answers in the back of the textbook.