

STAT 150 HOMEWORK #7

SPRING 2022

Due Friday, April 1st, at 11:59 PM on Gradescope.

Note that there are *Exercises* and *Problems* in the textbook. Make sure you read the homework carefully to find the assigned question.

1. Pinsky and Karlin, EXERCISE 7.1.3
2. Pinsky and Karlin, Problem 7.1.4 (Hint: your answer should be in terms of the CDF F)
3. Pinsky and Karlin, Problem 7.3.1 (Note: you may assume Exercise 7.3.3 without proof)
4. Pinsky and Karlin, Problem 7.3.3
5. Pinsky and Karlin, Problem 7.3.4
6. Pinsky and Karlin, Problem 7.3.5