

STAT 150 HOMEWORK #2

FALL 2022

Due Friday, September 16th, 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, Problem 3.1.4
2. Pinsky and Karlin, Problem 3.2.4
3. Pinsky and Karlin, Problem 3.2.5
4. Pinsky and Karlin, Problem 3.3.7
5. Pinsky and Karlin, Problem 3.4.1
6. Pinsky and Karlin, Problem 3.4.2
7. Pinsky and Karlin, Problem 3.4.4
8. Pinsky and Karlin, Problem 3.4.10
9. Pinsky and Karlin, Problem 3.4.14 (Hint: try to reduce the size of the state space)