

STAT 150 HOMEWORK #2

SPRING 2023

Due Monday, Feb 6, 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)