

## STAT 150 HOMEWORK #5

SPRING 2024

**Due Friday, Feb 23, 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 4.3.2
2. Pinsky and Karlin, Problem 4.4.1
3. Pinsky and Karlin, Problem 4.4.4 (*Do not assume that the Markov chain is irreducible*)
4. Pinsky and Karlin, Problem 4.4.5
5. Pinsky and Karlin, Problem 4.4.8