

STAT 467/667 Homework 4

SPRING 2015

Due in class on Friday February 20. These problems refer to the 4th Edition.

1. Chapter 5, No. 5.3.2
2. Chapter 5, No. 5.3.3
3. Chapter 5, No. 5.3.4
4. Chapter 5, No. 5.3.8
5. Chapter 5, No. 5.3.12 (**Stat 667 only**)
6. Chapter 5, No. 5.3.13 (**Stat 467 only**)
7. Chapter 5, No. 5.3.25 (**Stat 467 only**)
8. Chapter 5, No. 5.3.26 (**Stat 667 only**)

The corresponding 5th Edition problems are below.

1. Chapter 5, No. 5.3.3
2. Chapter 5, No. 5.3.5
3. Chapter 5, No. 5.3.6
4. Food poisoning outbreaks are often the result of contaminated salads. In one study carried out to assess the magnitude of that problem, the New York City Department of Health examined 220 tuna salads marketed by various retail and wholesale outlets. A total of 179 were found to be unsatisfactory for health reasons. Find a 90% confidence interval for p , the true proportion of contaminated tuna salads marketed in NYC.
5. Chapter 5, No. 5.3.14 (**Stat 667 only**)
6. Chapter 5, No. 5.3.15 (**Stat 467 only**)
7. Chapter 5, No. 5.3.27 (**Stat 467 only**)
8. Chapter 5, No. 5.3.28 (**Stat 667 only**)