

Statistics 111 – Summer 2009

Homework 5

Due: Wednesday, July 1

Questions from the book:

1. Question 7.29 (Do you feel lucky?) pg 443
2. Question 7.32 (Food intake and weight gain) pg 444
3. Question 7.33 (Food intake and NEAT) pg 444
4. Question 7.34 (Potential insurance fraud?) pg 444
5. Question 7.61 (Comparison of blood lipid levels in males and females) pg 467
6. Question 7.81 (An improper significance test) pg 471
 - a. Note: your friend must be using an α -level of 0.10 or higher, our usual α -level of 0.05.
7. Question 8.14 (Do you enjoy driving your car?) pg 503
8. Question 8.19 (Student loans larger than \$30,000) pg 503
9. Question 8.68 (Improving the time to repair golf clubs) pg 521
10. Question 8.70 (Brand loyalty and the Chicago Cubs) pg 522
11. Question 8.81 (Statistics and the law) pg 523