

**STAT 6200 — Introduction to Biostatistics**  
**Homework 5 – Due Thursday, November 4**

**Homework Guidelines:**

- Homework is due by 4:30 on the due date specified above. You may turn it in at the beginning of class or place it in my mailbox in the Statistics Building. **No late homeworks will be accepted without permission granted prior to the due date.**
- Use only standard ( $8.5 \times 11$  inch) paper and use only one side of each sheet.
- Homework should show enough detail so that the reader can clearly understand the procedures of the solutions.
- Problems should appear in the order that they were assigned.

**Assignment:**

Do Review Exercises 4, 9, 10, 11, 13, 14, and 15 from Ch.10 of our text. Also do Review Exercises 5, and 7 from Ch.11 of our text. Finally do the following additional exercise:

1. Explain the difference between the  $p$ -value of a test, and the significance level of a test.