

## Statistics 149 – Assignment 1

Due: Thursday, February 23, 2006

1. Sleuth, Chapter 11, # 20
2. Sleuth, Chapter 11, # 23
3. Show that  $\pi_2 - \pi_1 > 0$  and  $\phi = \frac{\omega_2}{\omega_1} > 1$  are equivalent statements. That is if one holds, the other must also hold.
4. Sleuth Chapter 18, # 11
5. Sleuth Chapter 18, # 13
6. Sleuth Chapter 18, # 15 (also think about # 4, but don't hand it)
7. Sleuth Chapter 18, # 17 (also think about # 7, but don't hand it)