

Stat 296 Fall 2007
Assignment #2 (Revised)

This assignment is due at the beginning of class on Thursday, October 4, 2007. You must submit all problems that are marked with an asterix (*). Your assignment must be stapled and problem numbers clearly labelled. You must integrate your computer printouts into the body of your text in an organized and meaningful way. Do not crowd your work and do not write in multiple columns!

1. Read the following exercises from Higgins.
 - page 73 #1
 - page 75 #19

2. * Do the following exercises from Higgins. You may use SAS if you wish, although it is not required.
 - page 73 #2(a) (permutation test for the mean) (suggestion: by hand)
 - page 73 #3 (permutation test for the median) (suggestion: by hand)
 - page 73 #4(a) (permutation test for the mean) (suggestion: SAS)
 - page 74 #7(b) (two-sample pooled t -test for the mean) (suggestion: SAS)
 - page 74 #8 (permutation test for the mean) (suggestion: SAS)

3. * Do the following exercises from Higgins. You may use SAS if you wish, although it is not required.
 - page 73 #4(b) (rank test for the mean) (suggestion: SAS)
 - page 73 #5 (rank test for the mean) (suggestion: SAS)
 - page 74 #7(a) (rank test for the mean) (suggestion: SAS)

NOTE: SAS has no procedures for performing a permutation test for the median.

NOTE: Midterm is on Tuesday, October 9.

NOTE: Class on Thursday, October 11 will be held in lab (CW 307.37).