STAT 672
Homework 5
due Wed. March 1

3 Problems. Show all work. Please follow the Lab report directions off the homework web page for R Problems.
Please work in Groups 2 (or 3)

1. p. 149, 4.42
You will have to calculate $\hat{U}$ (with help from R and Lab2). There is a function `cFligPoli` in the `NSM3` package that computes critical values. You can use this function to compute an α-level critical value. Be sure to state your hypotheses. (Yes, there is now a function in NSM3 to perform this test, but let's use our own function!)

The data is available off the class web page at:

    http://www.rohan.sdsu.edu/~babailey/stat672/t4-2.txt

2. p. 168, 5.1
You can use the R function `ansari.exact` in the library `exactRankTests` or the R function `ansari_test` in the library `coin`
Be sure to state your hypotheses.

3. p. 169, 5.6