

STAT 672, Spring 2011
Homework 4
due Thurs. Feb. 24

Show all work.

The numbers refers to *Hollander and Wolfe*, if not specified otherwise. Some problems may have additional parts.

1. p. 82, 3.90

Use the R function `wilcox.test` or `wilcox.exact` for this problem. You should not have to do any hand calculations.

The data is available off the class web page at:

<http://www.rohan.sdsu.edu/~babailey/stat672/t3-10.txt>

2. Repeat Problem 1 by using a *t*-test with the R `t.test` function. Compare your results to the results from Problem 1.

The data is available off the class web page at:

<http://www.rohan.sdsu.edu/~babailey/stat672/t3-10.txt>

3. p. 87, 3.100

Please read Comment 57 and use the R `pbinom` or `binom.test` functions for the test and p-value calculations.

The data is available off the class web page at:

<http://www.rohan.sdsu.edu/~babailey/stat672/t3-10.txt>