

STAT 672, Spring 2011
Homework 2
due Thurs. Feb. 10

Show all work.

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

1. p. 50, 3.1

Make a table like the one made for Table 3.2 on p. 41, so that you can compute by hand the T^+ statistic. You can check your work and use the p-value given from the R functions (`wilcox.test` or `wilcox.exact` or `psignrank`)

The data is available off the class web page at:

<http://www.rohan.sdsu.edu/~babailey/stat672/t3-3.txt>

2. p. 50, 3.2

You do not have to construct an example.

The data is available off the class web page at:

<http://www.rohan.sdsu.edu/~babailey/stat672/t3-1.txt>

3, p. 51, 3.13

Using Comment 5, make the 2 tables given on p. 43 for this case. T^+ will have $0, \dots, 15$ possible outcomes.