

MTH U481: Spring 2009: Prof. C. King

Assignment 12

Due date: Monday April 13.

Problems:

1).

Reading: Section 9.2.

Problems: p. 563, #9.2.2, #9.2.4, #9.2.9

2). A study about exercise measured the preliminary fitness levels of two groups of volunteers. The mean score of the 35 people who were put into the exercise group was 294.6 with $s = 204.2$, while the mean for the 35 people put in the control group was 371.1 with $s = 238.6$. Test at the 5% level to see if there is a difference in fitness level between the two groups.