

MATH450, Fall 2020, Homework 1, Due Thursday, Sep 17, 9:30am

1. Chapter 4: 1, 18, 40, 53

2. Simulation:

- Use the function *rnorm* to generate a vector of 40 samples from the normal distribution with mean 0 and standard deviation 0.1
- Compute the sample mean, median, standard deviation and 10% trimmed mean of the obtained dataset
- Provide a histogram and a box plot of the obtained dataset