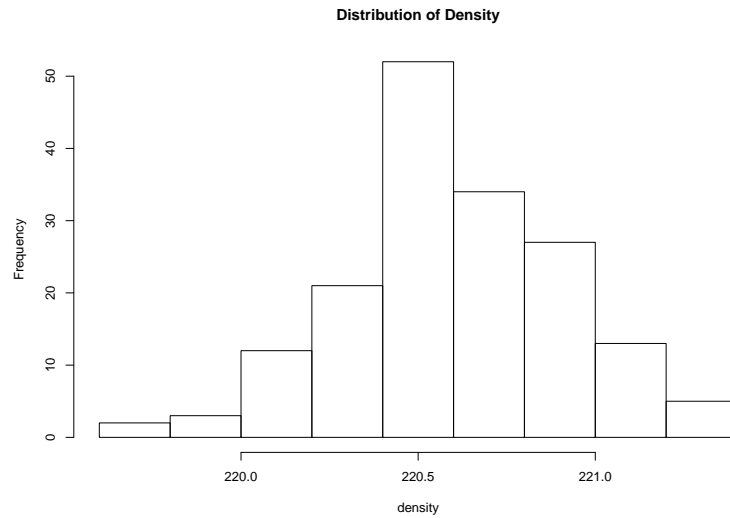


# STATS 528: HW2

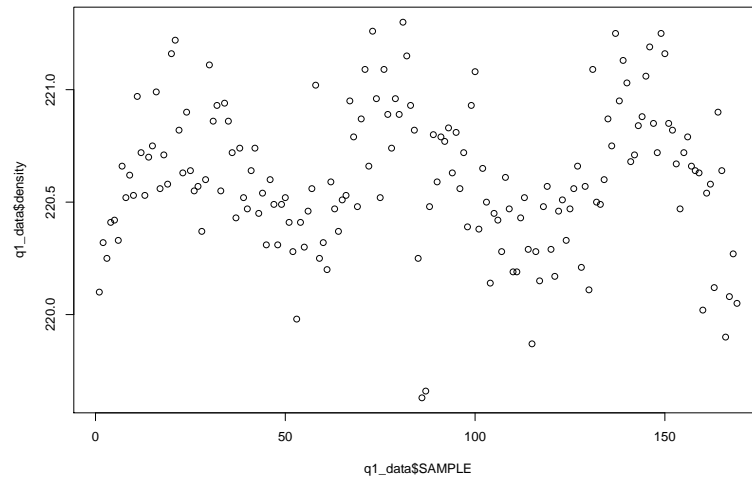
John Sherrill

September 9, 2015

1. (a) Histogram of density. The density appears to be right skewed but other wise have an approximate normal distribution:



- (b) Scatter plot:



- (c) It does not seem reasonable that the data are independently and identically distributed. There appears to be a cyclic nature to the data, if it was collected sequentially.
- 2.