The above plot shows the transmission time(milliseconds) with different delay, loss rate and file size. The experiments in the plot are in the same order as the experiments listed in the assignment description. With small.txt run first, followed by medium.txt, and lastly large.txt.

The transmission time of each experiment is recorded in experiment.txt.

— How do changes in packet delay, probability of loss impact the transmission time?

As packet delay increases, the transmission time increases. As probability of loss increases, the transmission time increases.

— How do changes in file size (number of packets sent) impact transmission time?

When file size increases, the transmission time increases.