The following 2 graphs show the relationship between Error Rate and transmission.

As the error rate increases, the time taken to transmit all the data increases exponentially.

The following graphs show the relationship between package size and transmission.

As the package size increases, the time taken to transmit all the data following a negative exponential trend.

Experiments are done on local machine and therefore network is not the factor that may cause error margin here. However, as CPU usage varies, processing time will be different for each transmission and therefore the usage of CPU when experiment is being conducted will affect the result.