Higher error rate, more ‘package’ to send. Time to send each package is considered constant.

(Time to send a packet, transmission time + 2 \* propagation time. )

We are implementing stop and wait. Time used to transmit the data is same.

Larger the data len, fewer the number of time needed to transmit, propagation time decreases.

Total time = transmission time for the file + (file size) / (data len) \* RTT. => data rate nearly increase linearly with regard to data length.