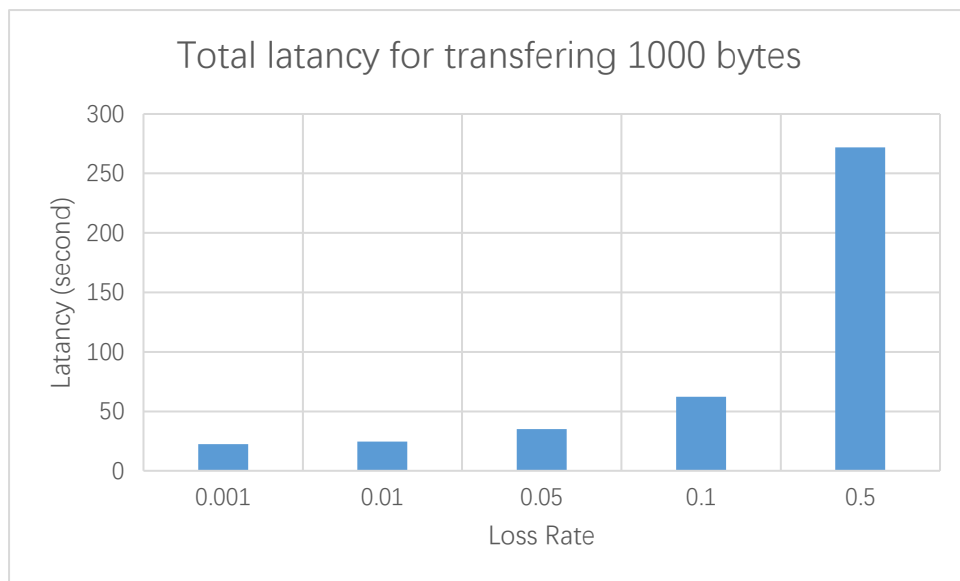# EE450 Project 2 Report

The below plot shows the total latency for transferring 1000 bytes on the condition of different loss rates. It can be seen from the plot that latency goes bigger as loss rate increased.

Since both data packet and ack packet could be lost, the sender will have to wait until timeout and resend the whole window which increase the latency significantly.

Total latancy for transfering 1000 bytes

The original data collected by sender.

Loss rate	Latency (ms)	Total packets sent	Total packets received
0.001	22484	1006	1006
0.01	24674	1047	1025
0.05	34971	1267	1152
0.1	62341	1642	1323
0.5	271913	7068	1536