Congestion Control Part 2

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1 Introduction

Bacon ipsum dolor amet ham hock beef pancetta, kielbasa pork belly picanha sirloin fatback shoulder. Porchetta short ribs tenderloin, filet mignon beef boudin pastrami landjaeger. Ball tip drumstick shankle pancetta porchetta brisket pork chop beef ribs flank leberkas doner ground round sausage corned beef landjaeger. Shank cupim meatball brisket.

Pork ball tip pastrami tongue pig. Tenderloin pork chop t-bone spare ribs turducken. Bacon chuck fatback turkey sausage bresaola, leberkas ham kielbasa tenderloin chicken shankle ribeye. Venison strip steak tenderloin doner porchetta. Pork belly alcatra shoulder strip steak capicola ham hock tenderloin turkey swine boudin meatloaf corned beef ham cow. Ground round venison swine bacon ham hock tongue capicola pork loin picanha frankfurter.

2 Basic Experiments

1. One Flow

Figure 1: The graph of our one flow receiver's rate over time.

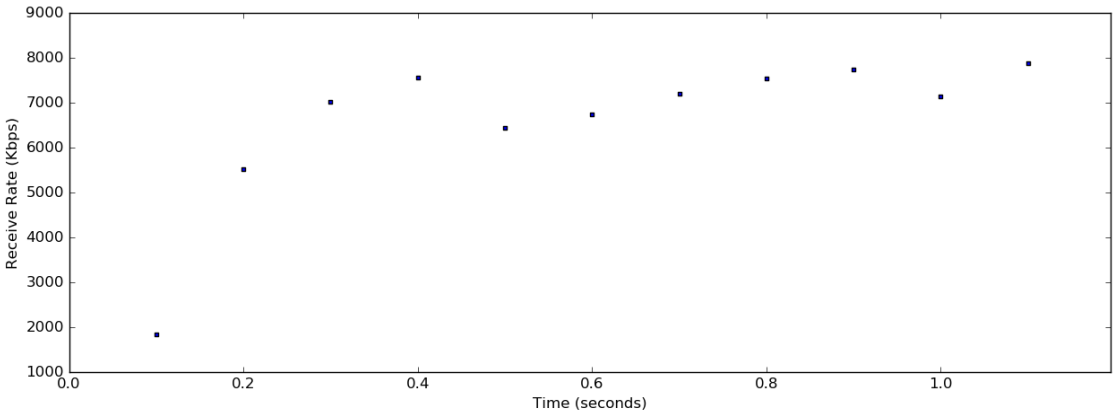


Figure 2: The graph of our one flow queue size over time.

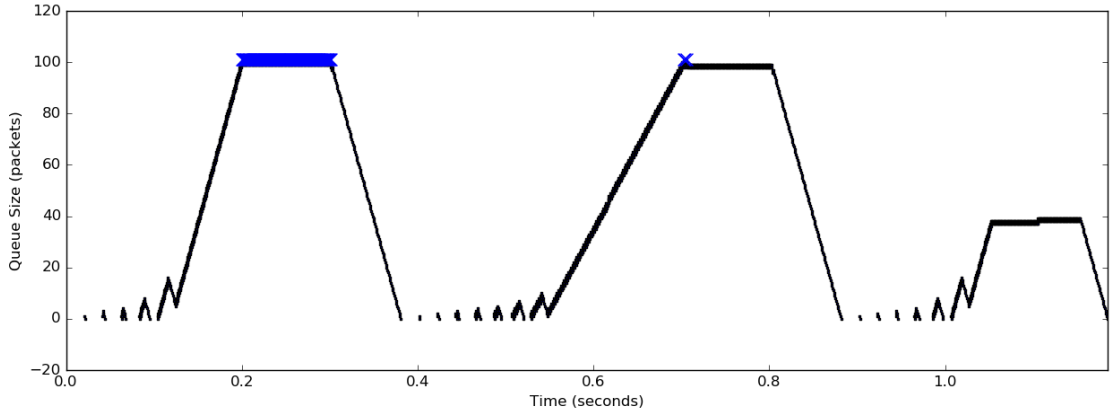


Figure 3: The graph of our one flow congestion window size over time.

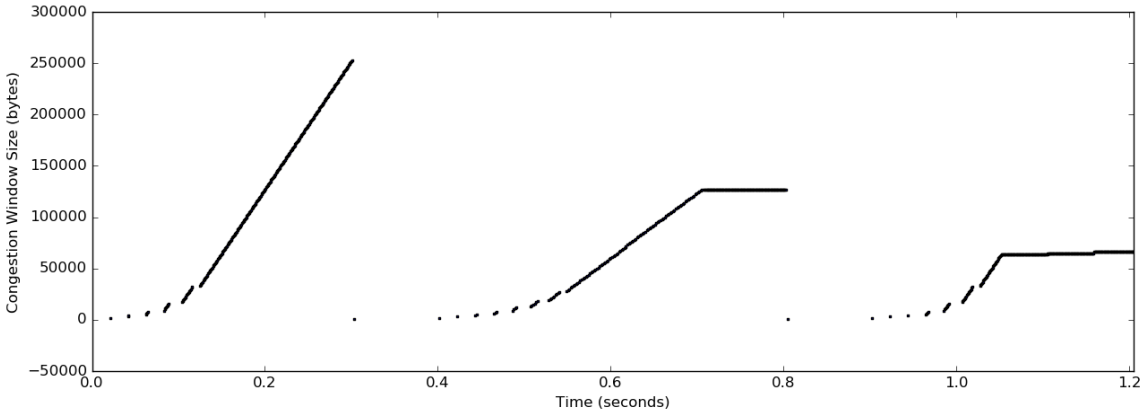
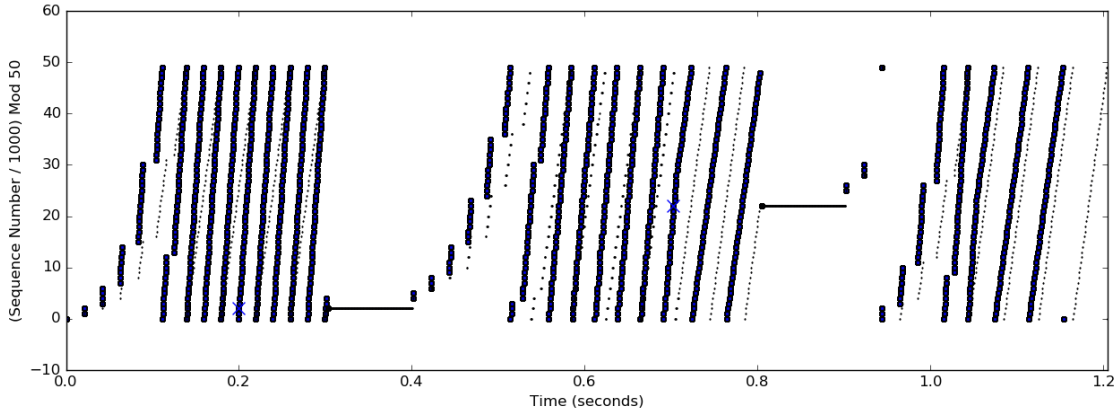


Figure 4: The graph of our one flow sequence plot.



discuss one flow here

2. Two Flow

Figure 5: The graph of our two flow receivers' rates over time.

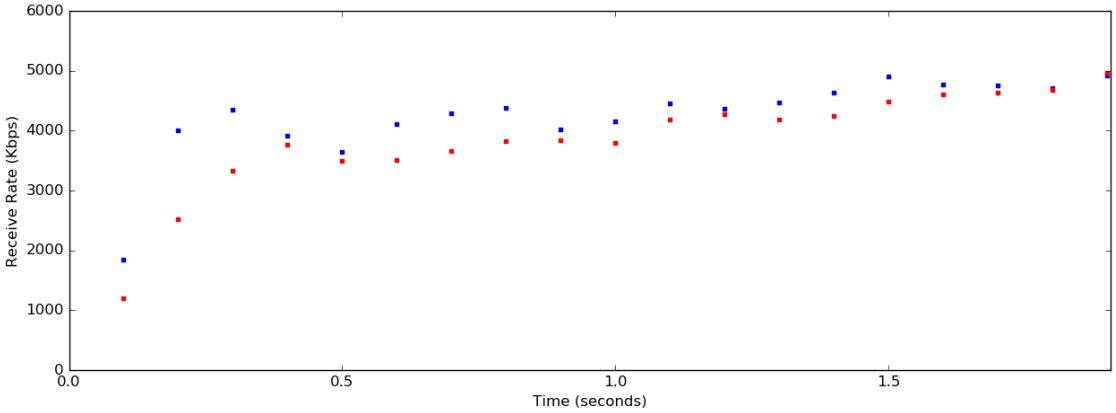


Figure 6: The graph of our two flow queue size over time.

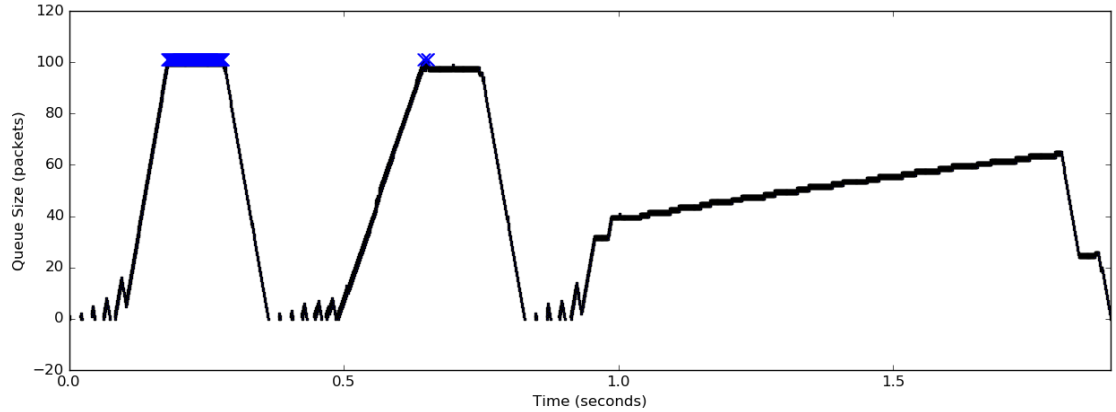


Figure 7: The graph of our two flow congestion window size over time for flow A.

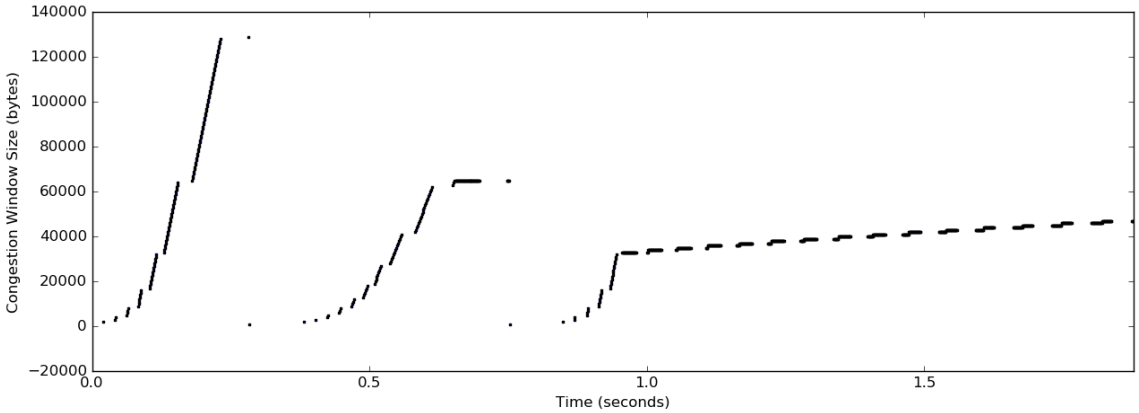


Figure 8: The graph of our two flow congestion window size over time for flow B.

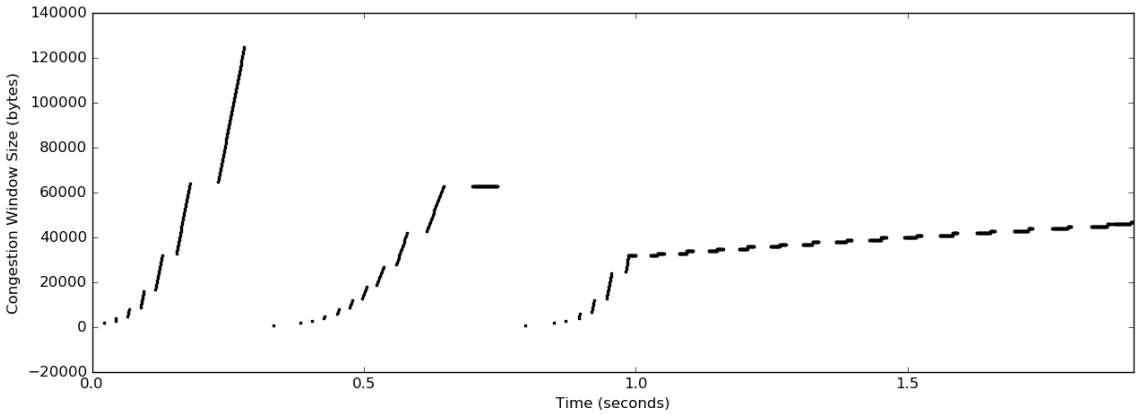


Figure 9: The graph of our two flow sequence plot for flow A.

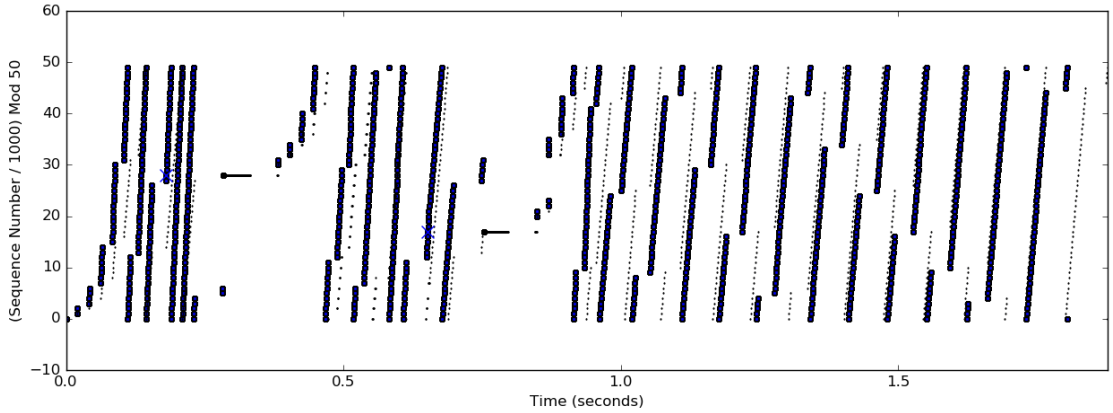
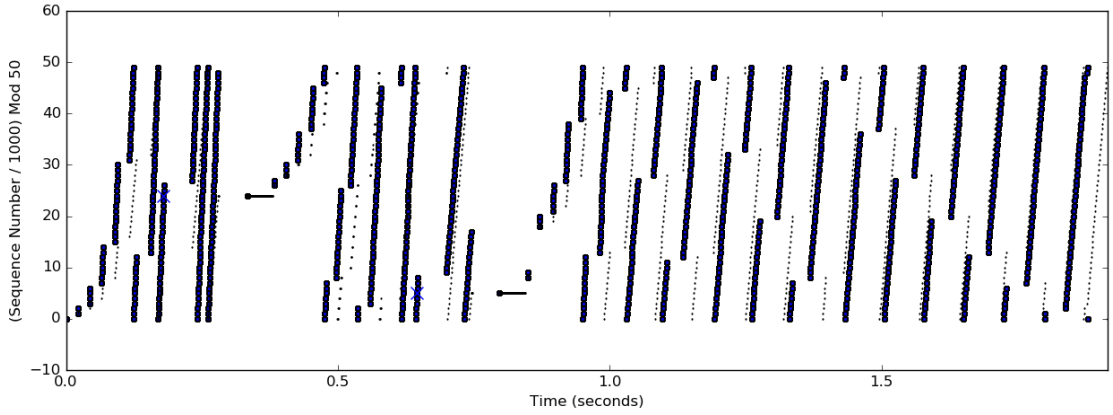


Figure 10: The graph of our two flow sequence plot for flow B.



discuss two flow here

3. Five Flow

Figure 11: The graph of our five flow receivers' rates over time.

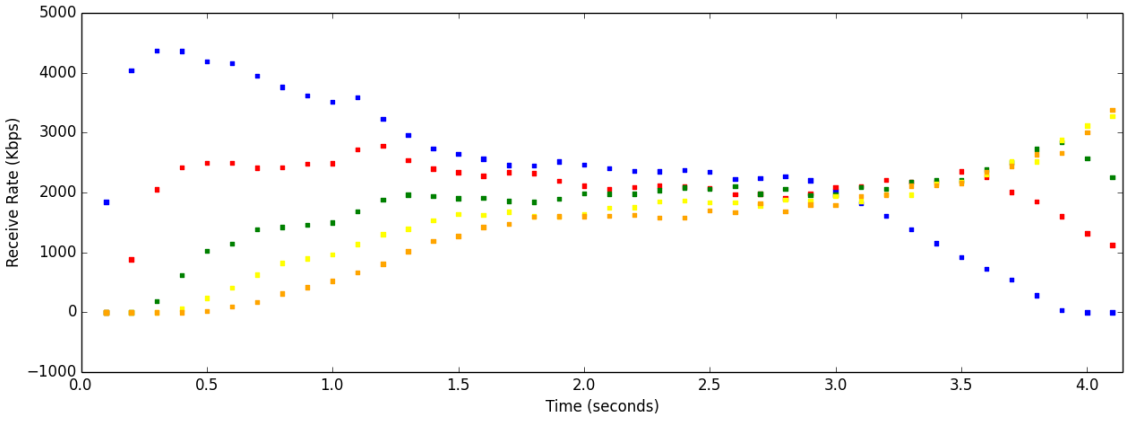
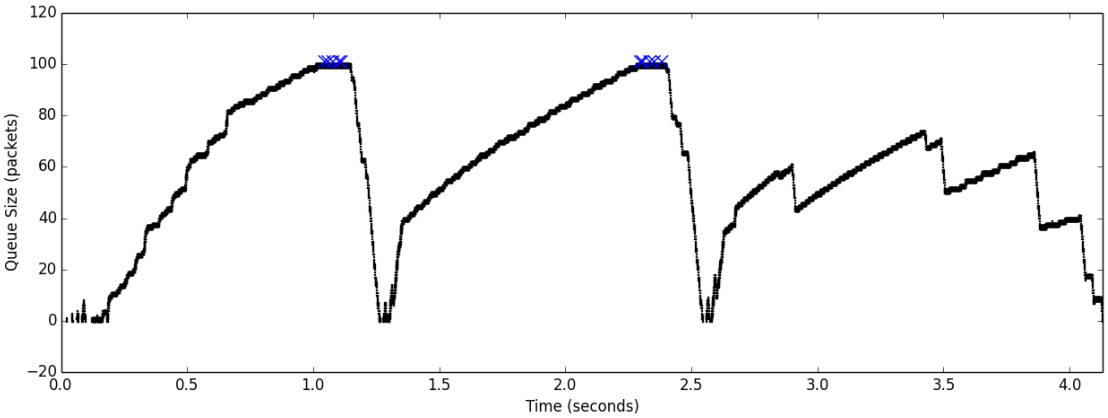


Figure 12: The graph of our five flow queue size over time.



discuss five flow here

3 Advanced Experiments

1. AIAD

Figure 13: The graph of our one flow receiver's rate over time with AIAD.

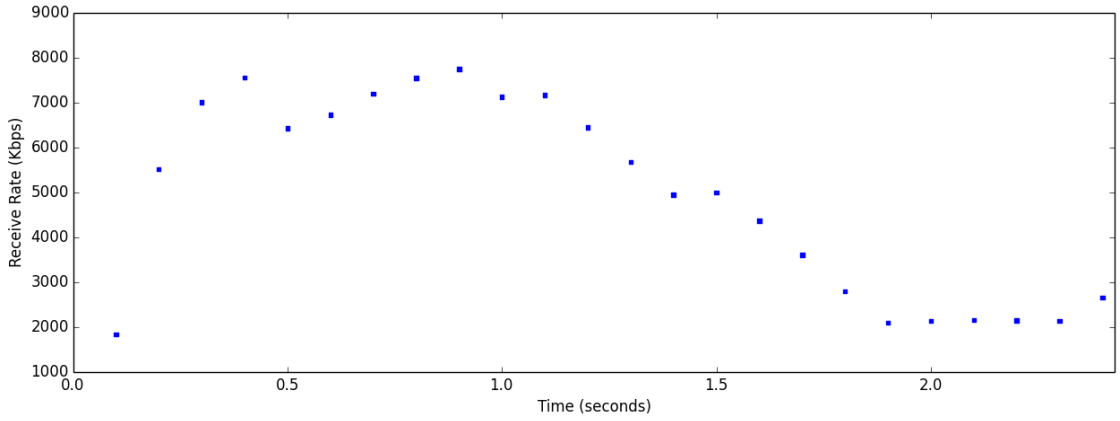
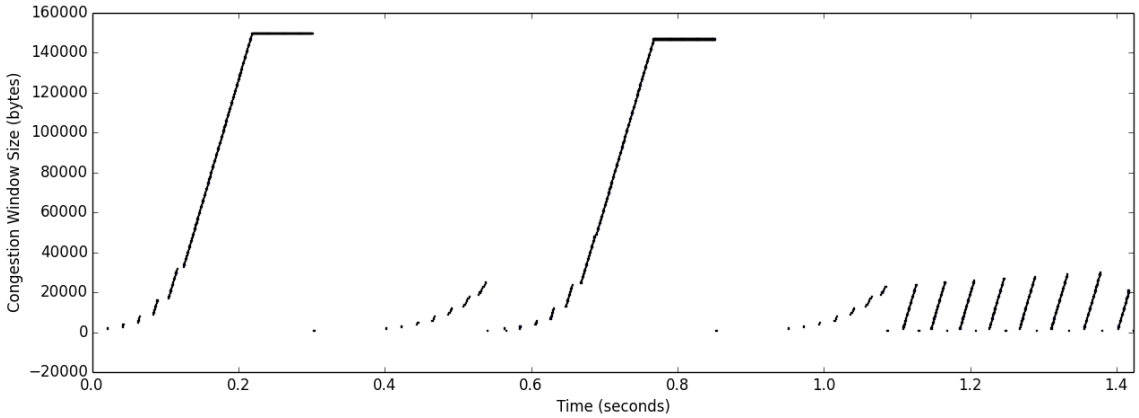


Figure 14: The graph of our one flow congestion window size over time with AIAD.



discuss AIAD here

2. AIMD

Figure 15: The graph of our one flow receiver's rate over time with a 5/6 multiplicative decrease.

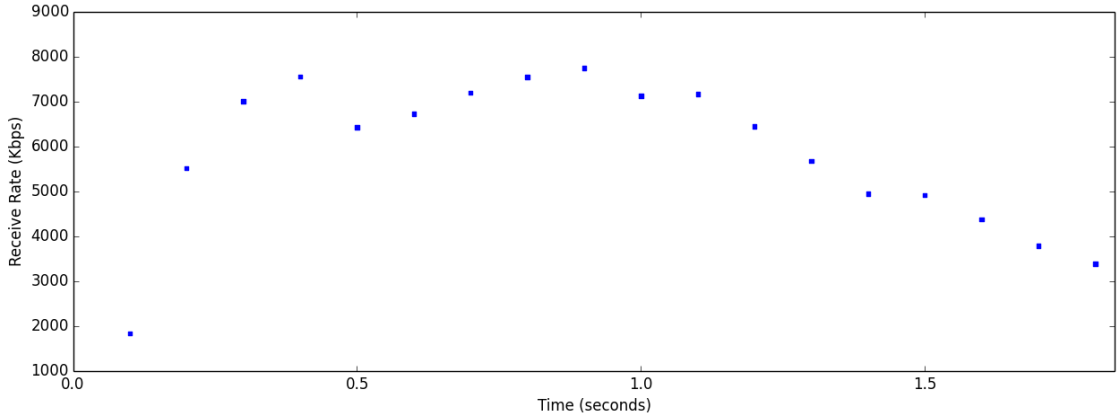
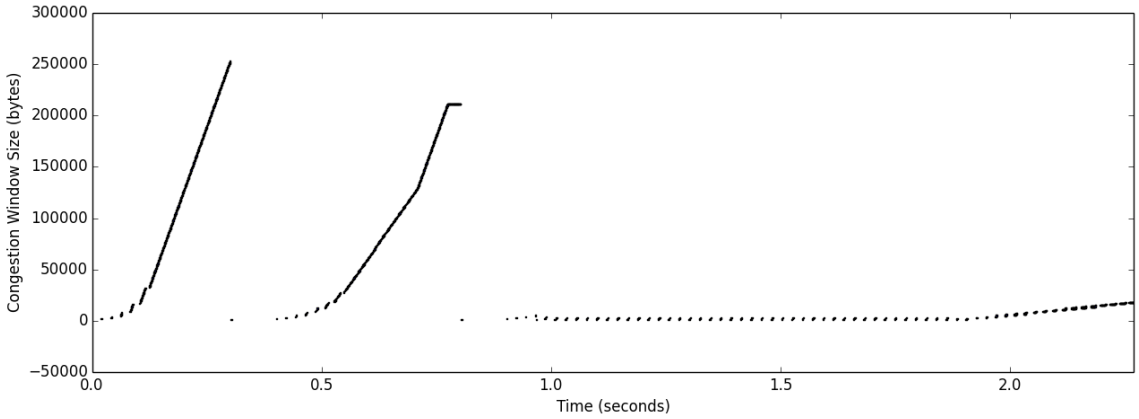


Figure 16: The graph of our one flow congestion window size over time with a 5/6 multiplicative decrease.



discuss AIMD here

3. Competing AIMD

Figure 17: The graph of our two flow receivers' rates over time with competing AIMD.

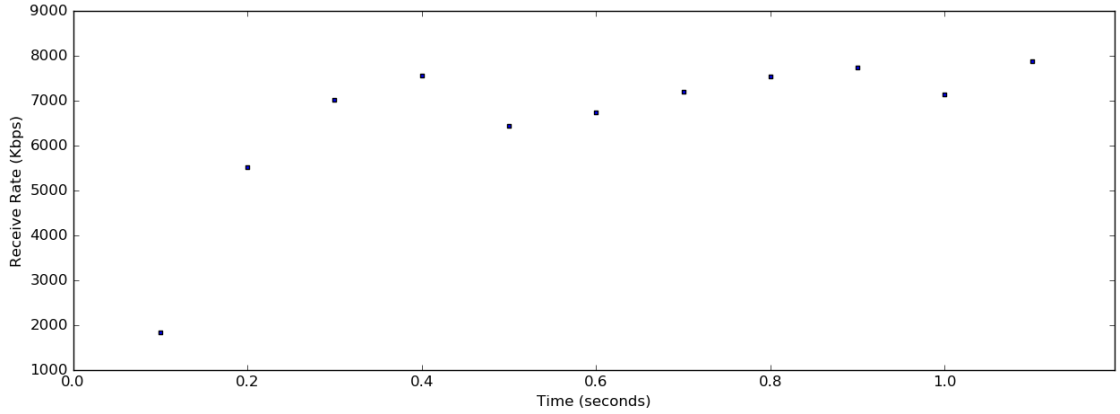
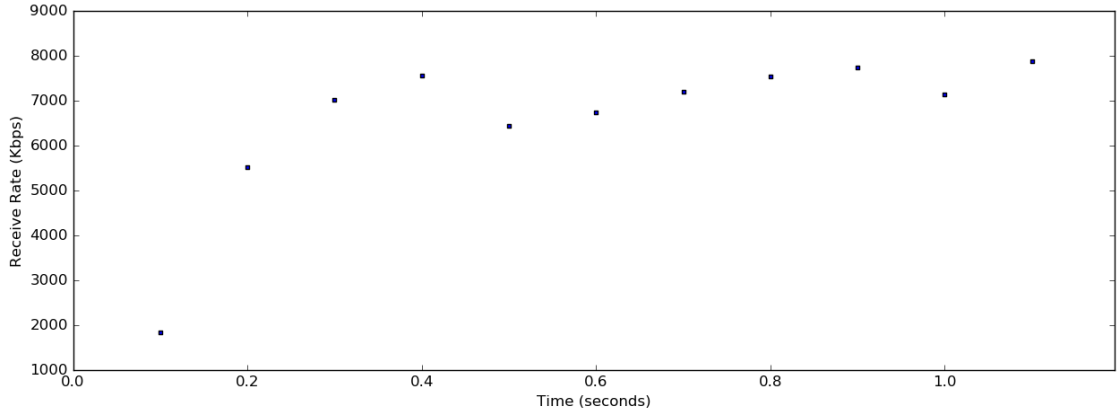


Figure 18: The graph of our two flow congestion window size over time with competing AIMD.



discuss competing AIMD here

4. Competing RTT

Figure 19: The graph of our two flow receivers' rates over time with competing RTT.

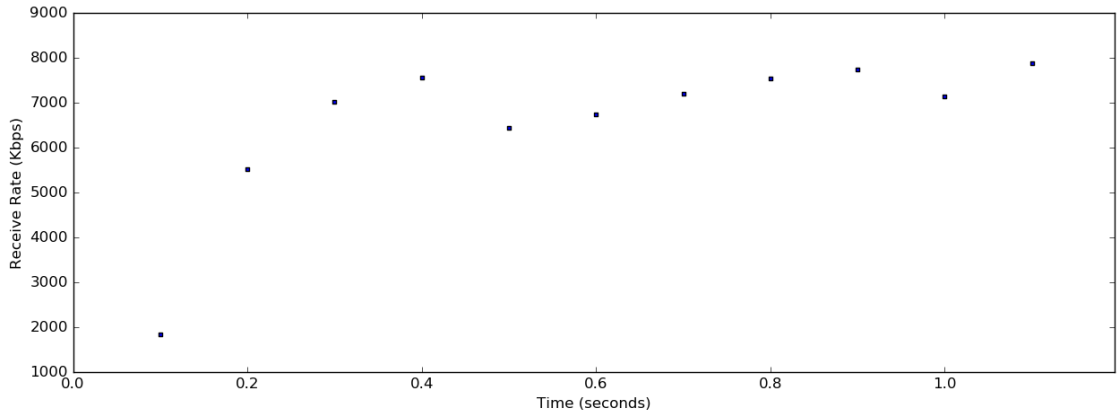
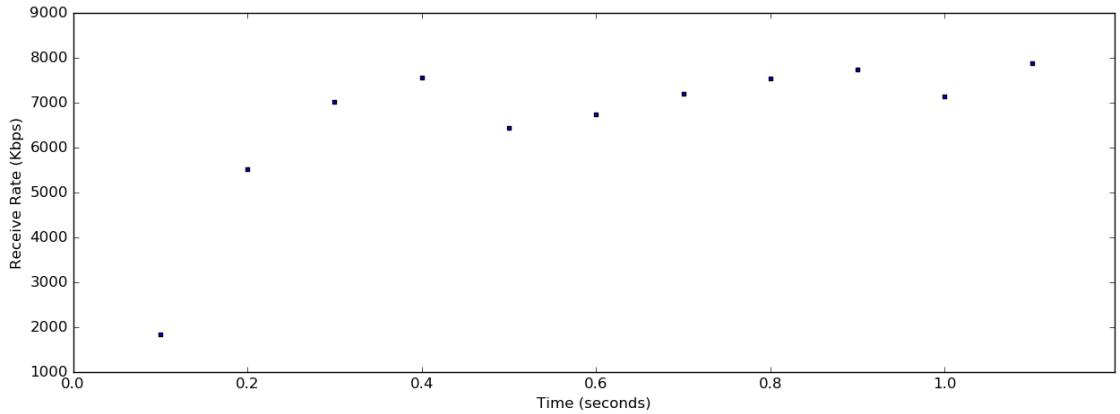


Figure 20: The graph of our two flow congestion window size over time with competing RTT.



discuss competing RTT here