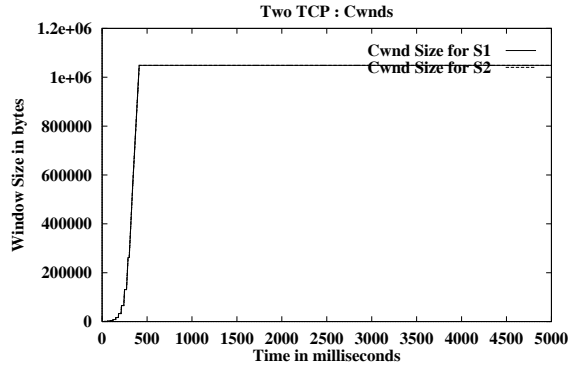
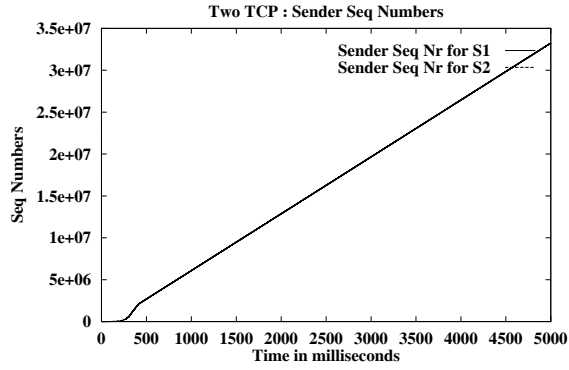


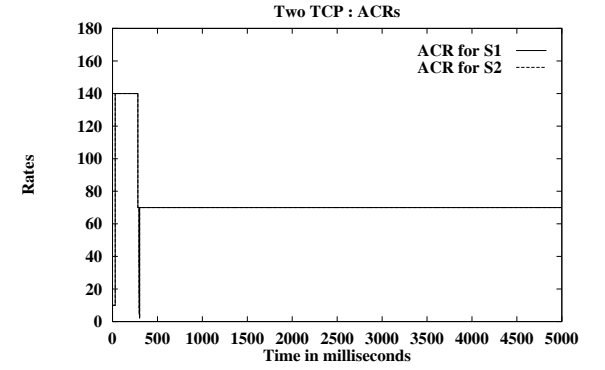
two-tcp?option-g=1?optionb=295?option-g=6/sw_size-g=4096/tbe-g=1024/granularity=100/wnd_scale_factor=4/epd_thresh-g=2045/cr=10.0/air=1/df=0.5/df=0/headroom=1.0
 t_threshold=900000.0/maxrate=10.0/ontime=1000000/ffime=100000/vbrate=124.41/ov=120/ai=1.15/b=1.05/q=0.8/time_jit=1000.0/sw_jit=1000dis=1000 / Date:02/03/96
 ICR: 10.00 10.00 10.00 10.00 / XRM: 32.00 32.00 32.00 32.00 / Graph: 1



(a) buffer=4096, tbe=1024, Congestion Window

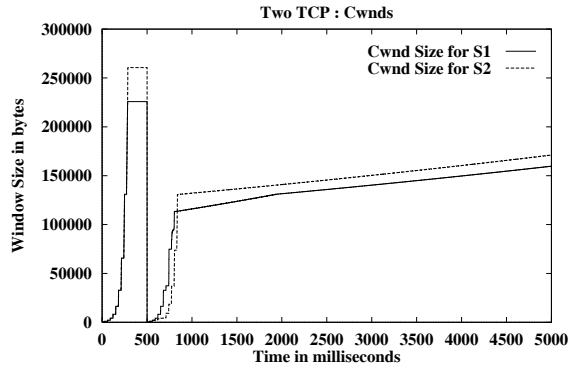


(b) buffer=4096, tbe=1024, Sequence Number

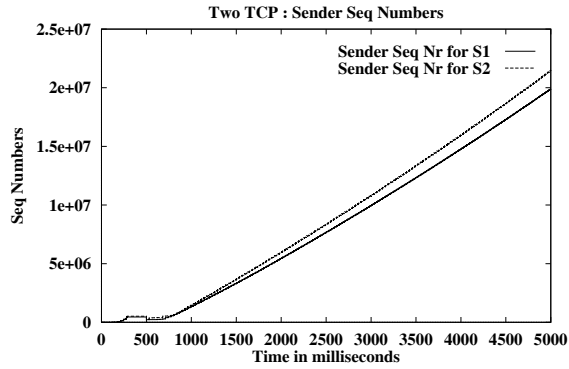


(c) buffer=4096, tbe=1024, ACR

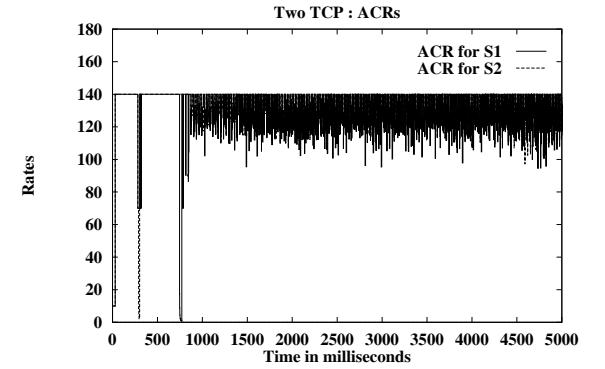
two-tcp?option-g=1?optionb=295?option-g=6/sw_size-g=2048/tbe-g=512/granularity=100/wnd_scale_factor=4/epd_thresh-g=2045/cr=10.0/air=1/df=0.5/df=0/headroom=1.0
 t_threshold=900000.0/maxrate=10.0/ontime=1000000/ffime=100000/vbrate=124.41/ov=120/ai=1.15/b=1.05/q=0.8/time_jit=1000.0/sw_jit=1000dis=1000 / Date:02/03/96
 ICR: 10.00 10.00 10.00 10.00 / XRM: 16.00 16.00 16.00 16.00 / Graph: 1



(d) buffer=2048, tbe=512, Congestion Window

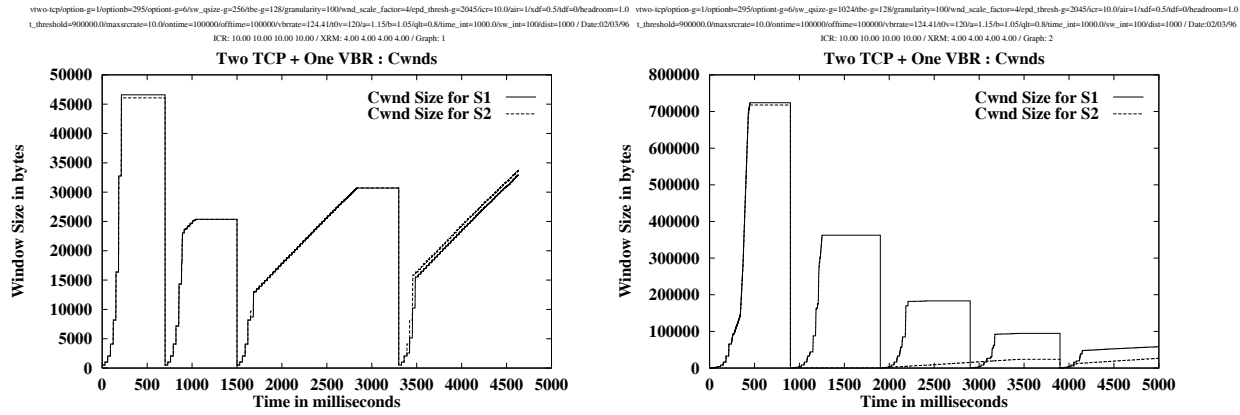


(e) buffer=2048, tbe=512, Sequence Number



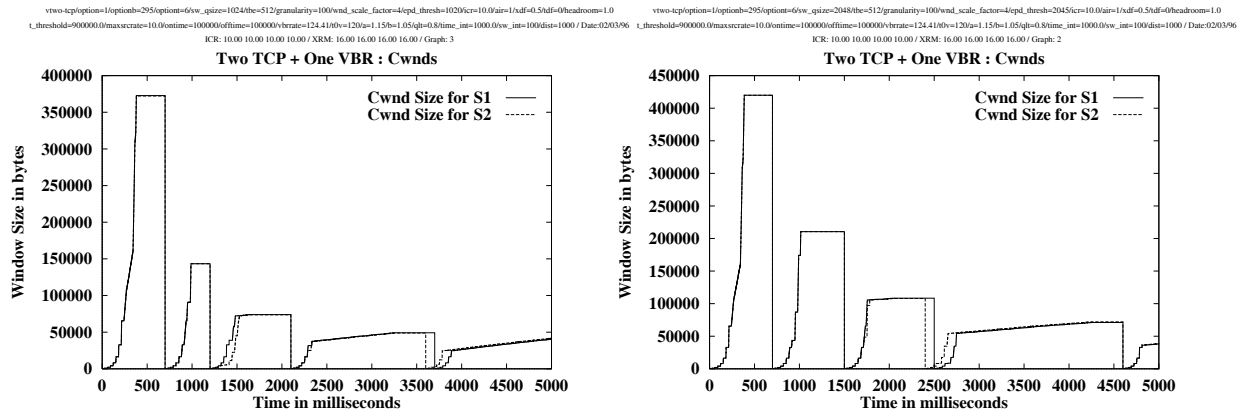
(f) buffer=2048, tbe=512, ACR

Figure 1: Two TCP Source Configuration, Buffer = 4096 vs 2048 cells



(a) buffer=256, tbe=128, Congestion Window

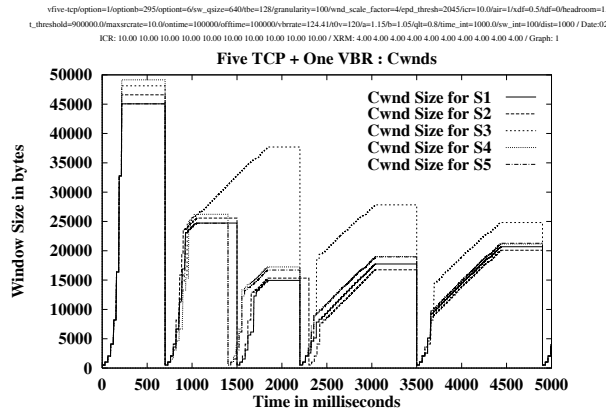
(b) buffer=1024, tbe=128, Congestion Window



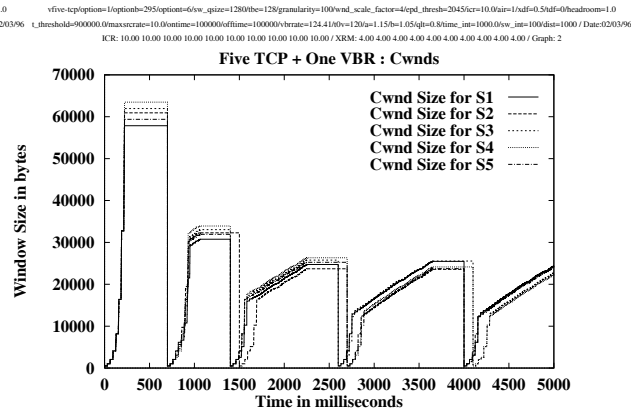
(c) buffer=1024, tbe=512, Congestion Window

(d) buffer=2048, tbe=512, Congestion Window

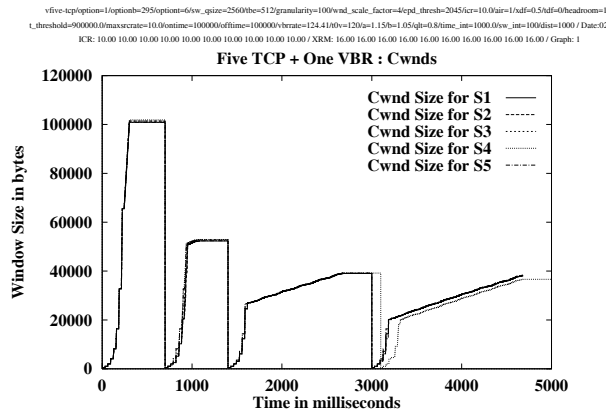
Figure 2: Two TCP + One VBR Configuration, TBE vs Buffer



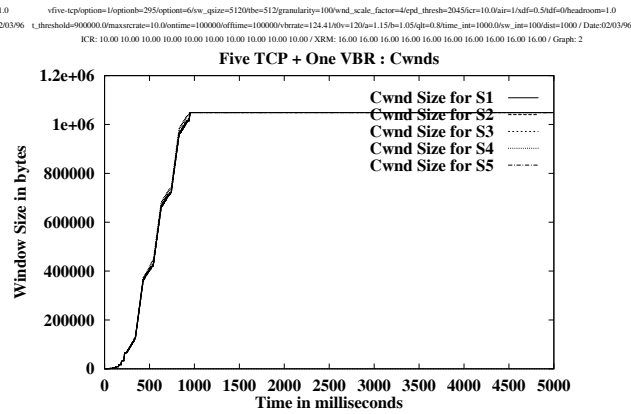
(a) buffer=640, tbe=128, Congestion Window



(b) buffer=1280, tbe=128, Congestion Window



(c) buffer=2560, tbe=512, Congestion Window



(d) buffer=5120, tbe=512, Congestion Window

Figure 3: Five TCP + One VBR Configuration, TBE vs Buffer