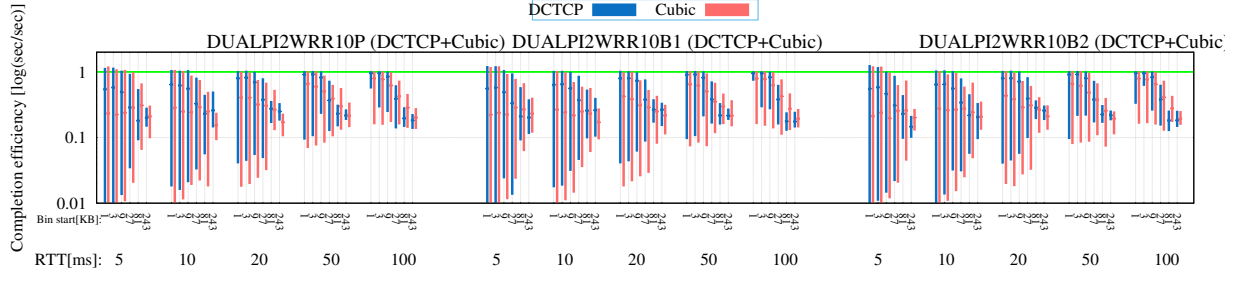


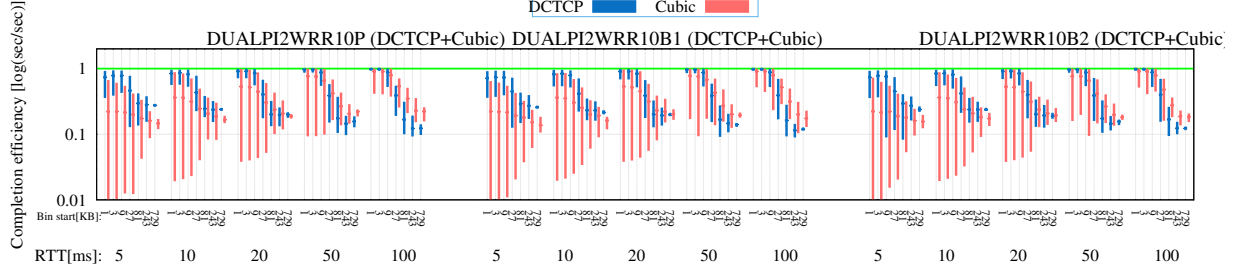
Comparing DualPI2 packet based WRR (DUALPI2WRR) and byte-based WRR (DUALPI2WRRB{1,2} - opt1 and opt3). ECN threshold was set to 1 ms (not changed 6ms for 4 Mbps link and 2ms for 12 Mbps link, as previously) to test whether 1 packet limit made a difference. The rest of the parameters were default values, except for dc\_ecn and dc\_dualq. These experiments were done with DCTCP from 3.19 kernel with added response to drops.

# Appendix A

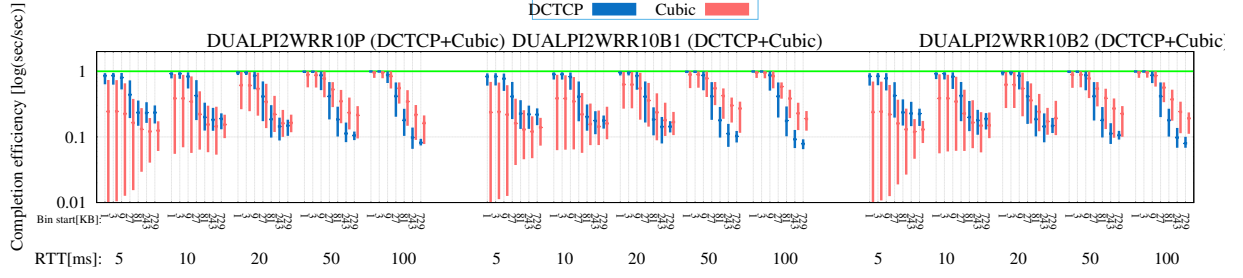
## Equal RTT experiments



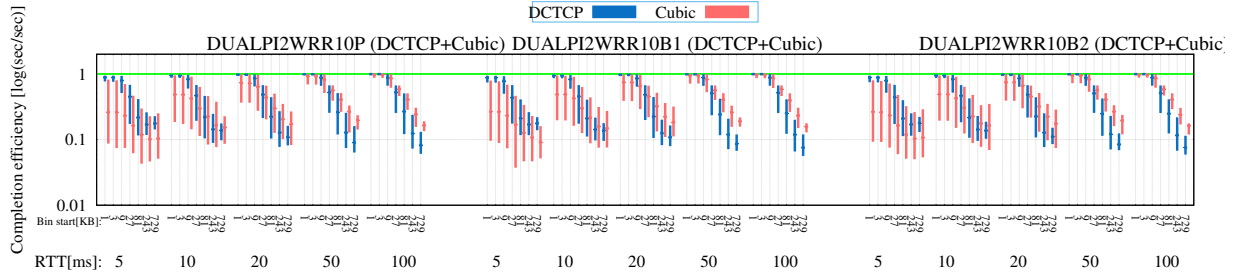
(a) 4Mbps link capacity



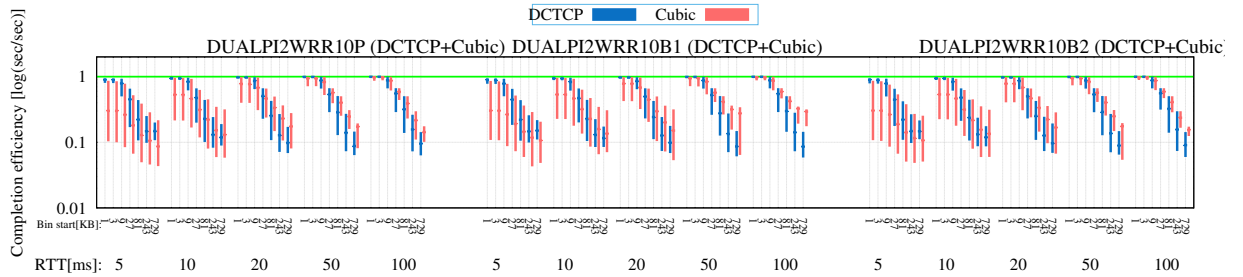
(b) 12Mbps link capacity



(c) 40Mbps link capacity



(d) 120 Mbps link capacity



(e) 200 Mbps link capacity

Figure A.1: Equal RTT (1h-1h)

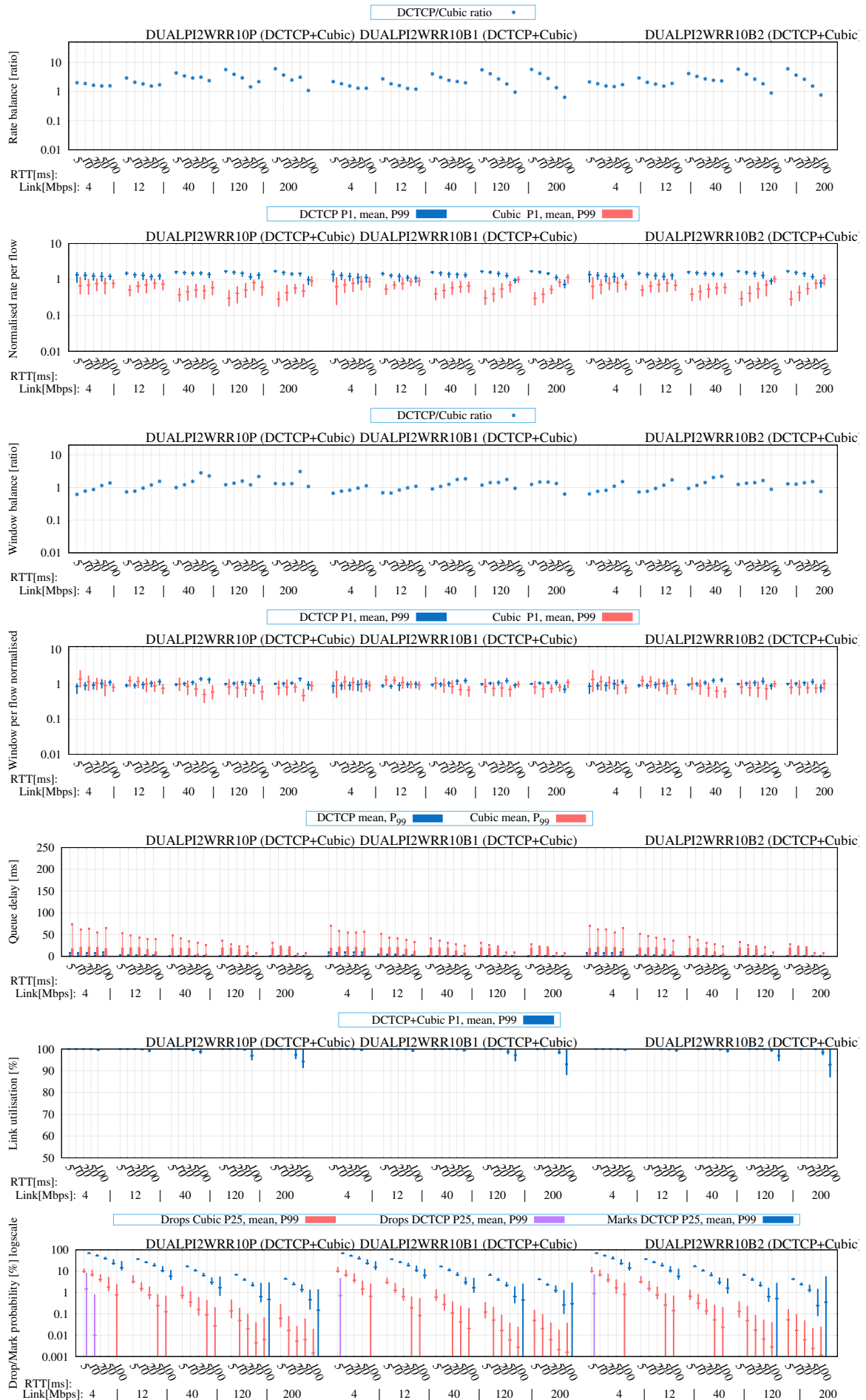


Figure A.2: Equal RTT (1-1)

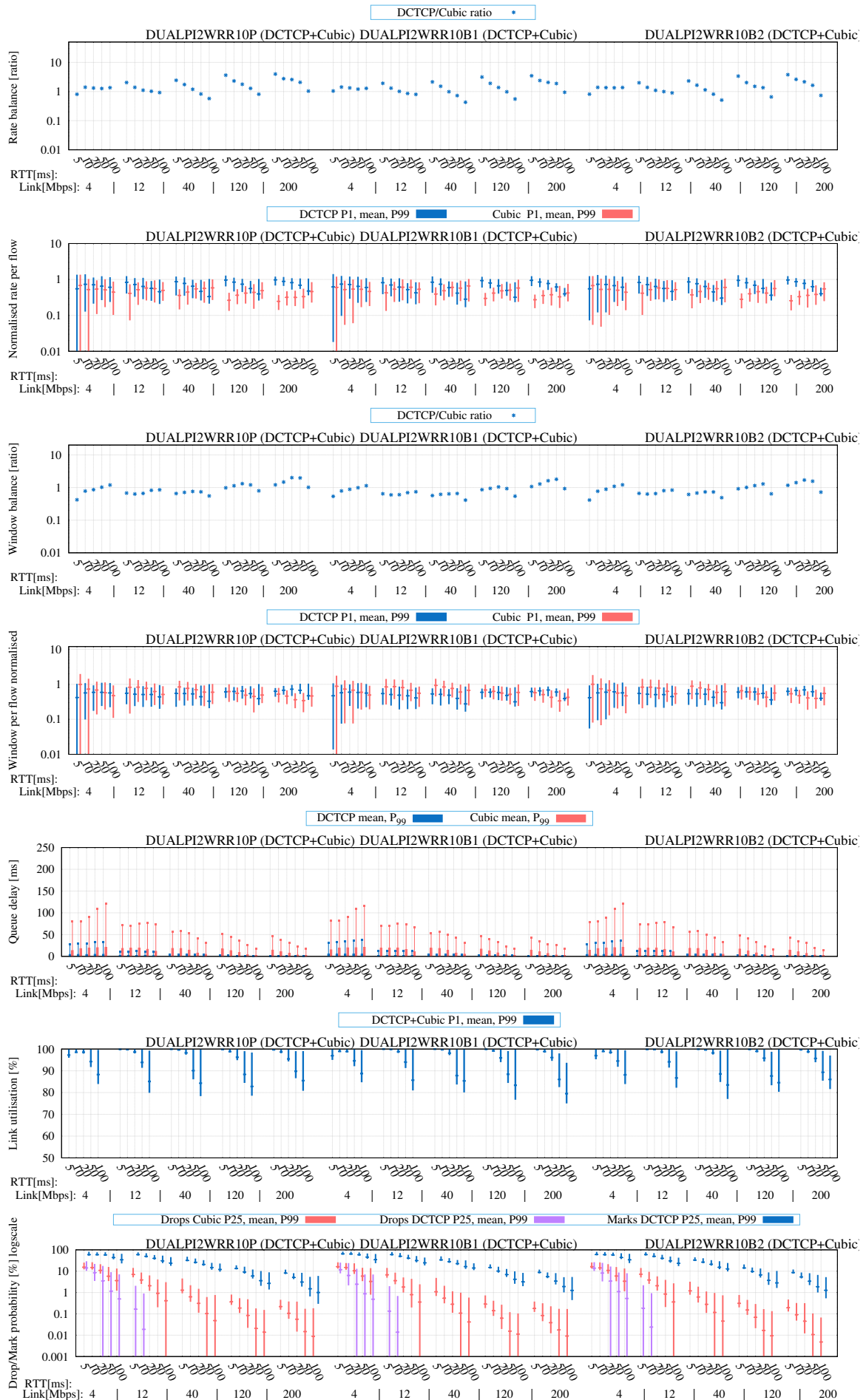


Figure A.3: Equal RTT (1h-1h)

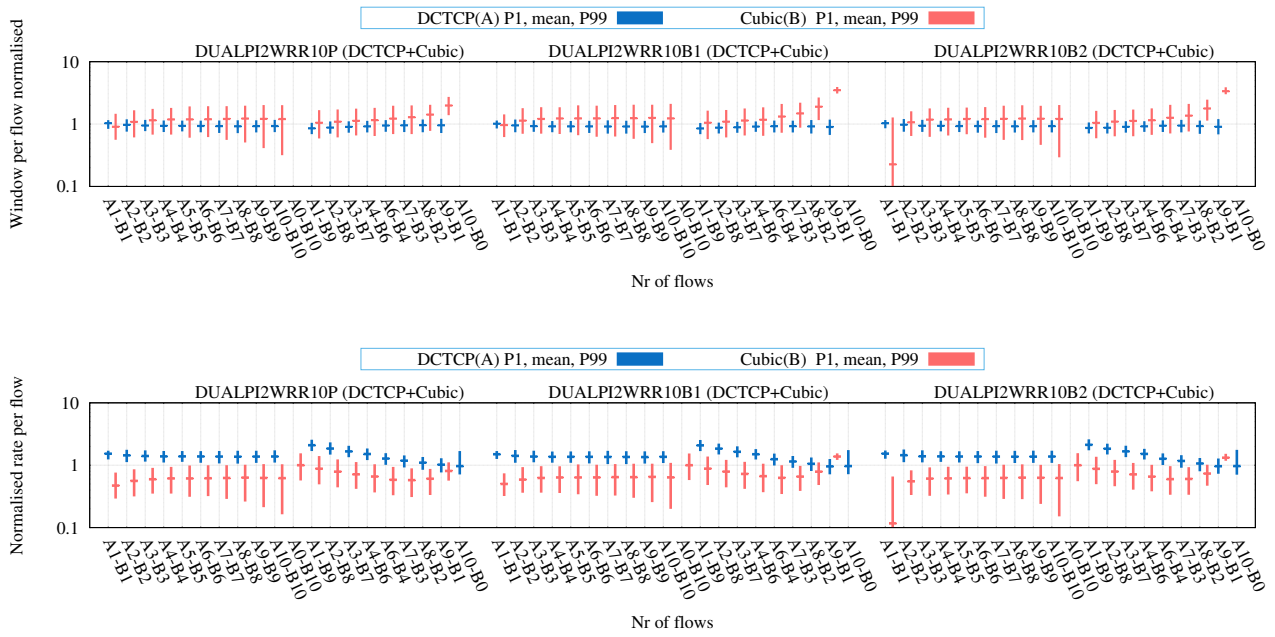


Figure A.4: Normalised rate and window size per flow. 40Mbps link capacity, 10ms RTT. Equal RTT

# Appendix B

## Mixed RTT experiments

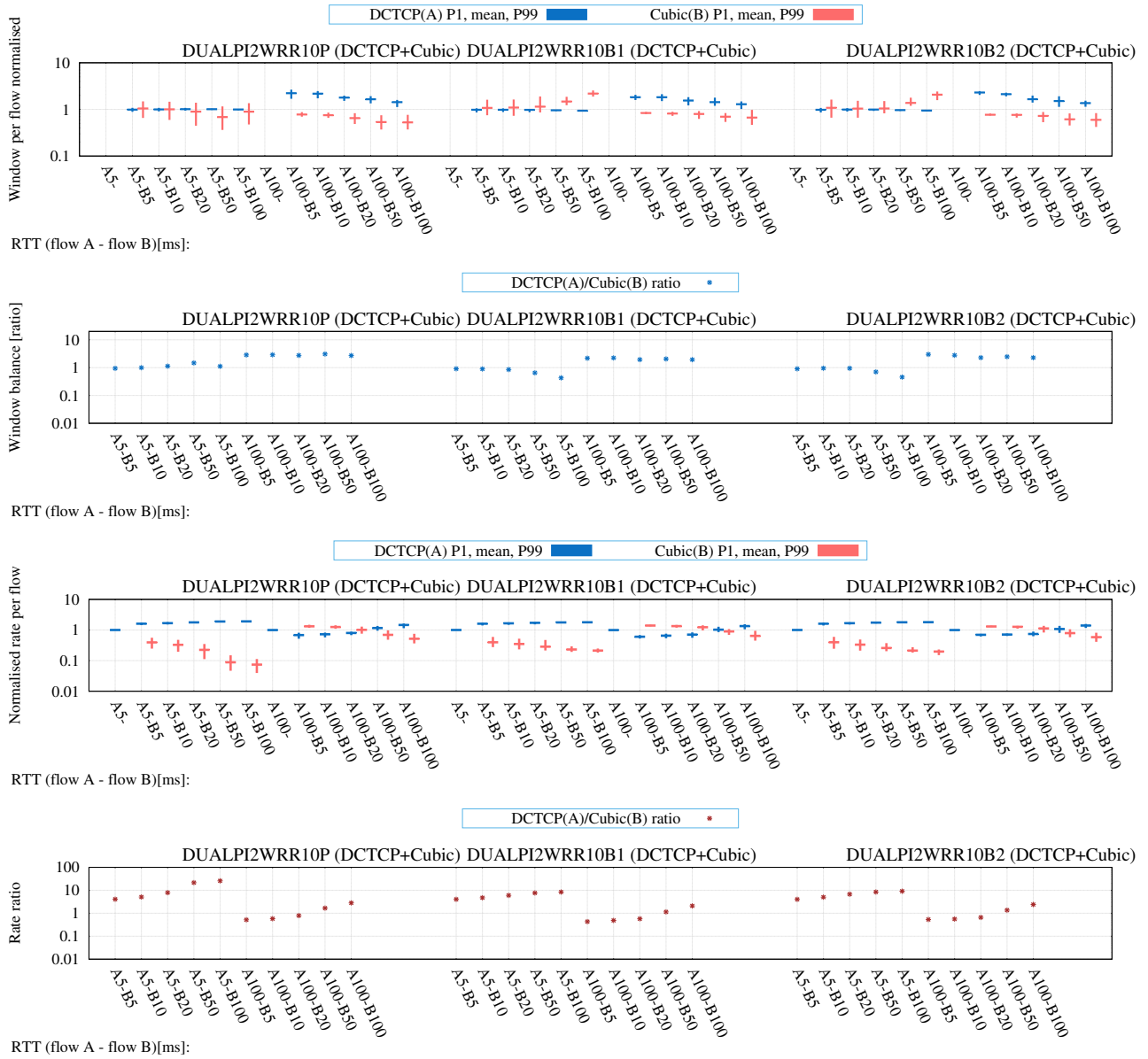


Figure B.1: 1 flow for each CC. Mixed RTT (mrtt2`link40)



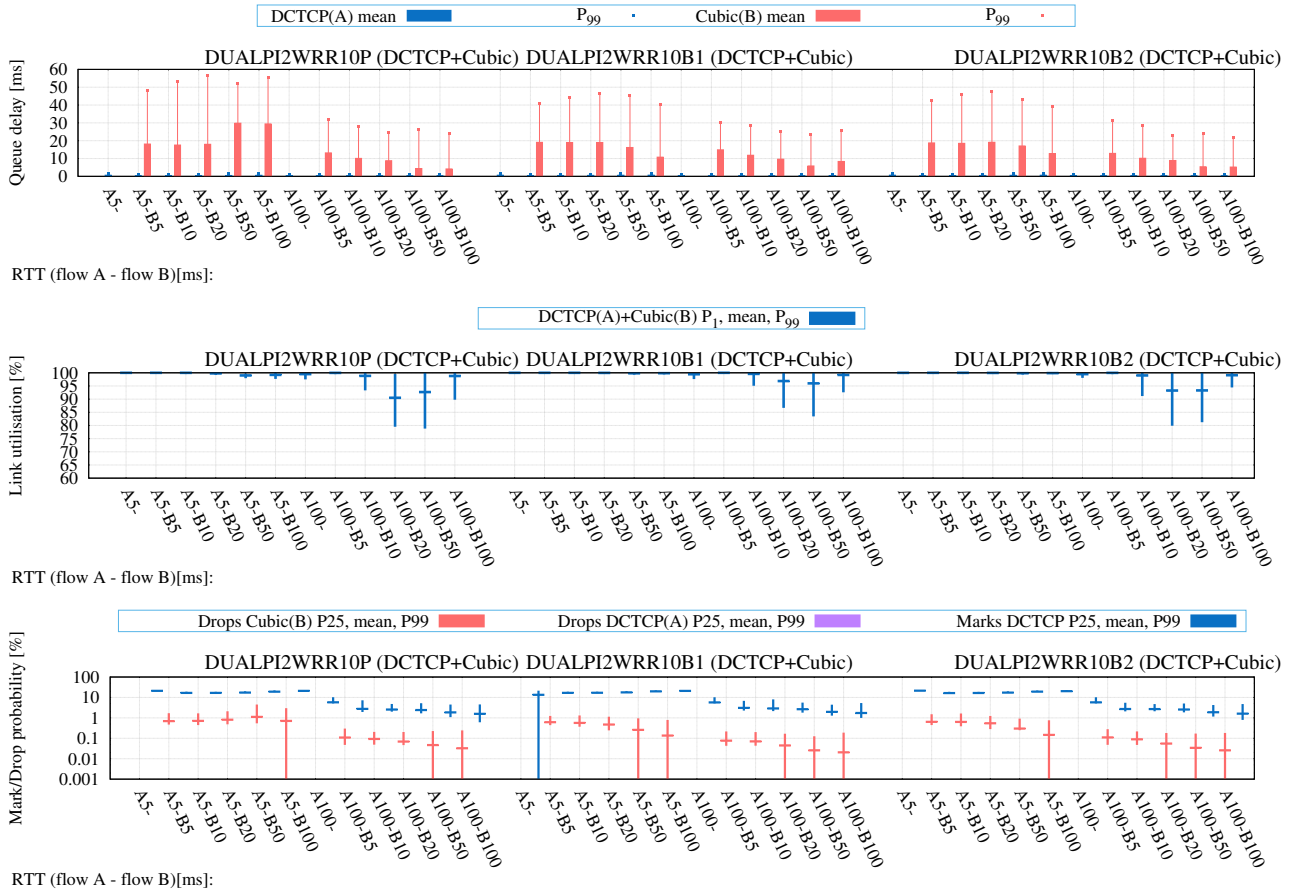


Figure B.2: 1 flow for each CC. Mixed RTT (mrtt2'link40)

# Appendix C

## Overload experiments

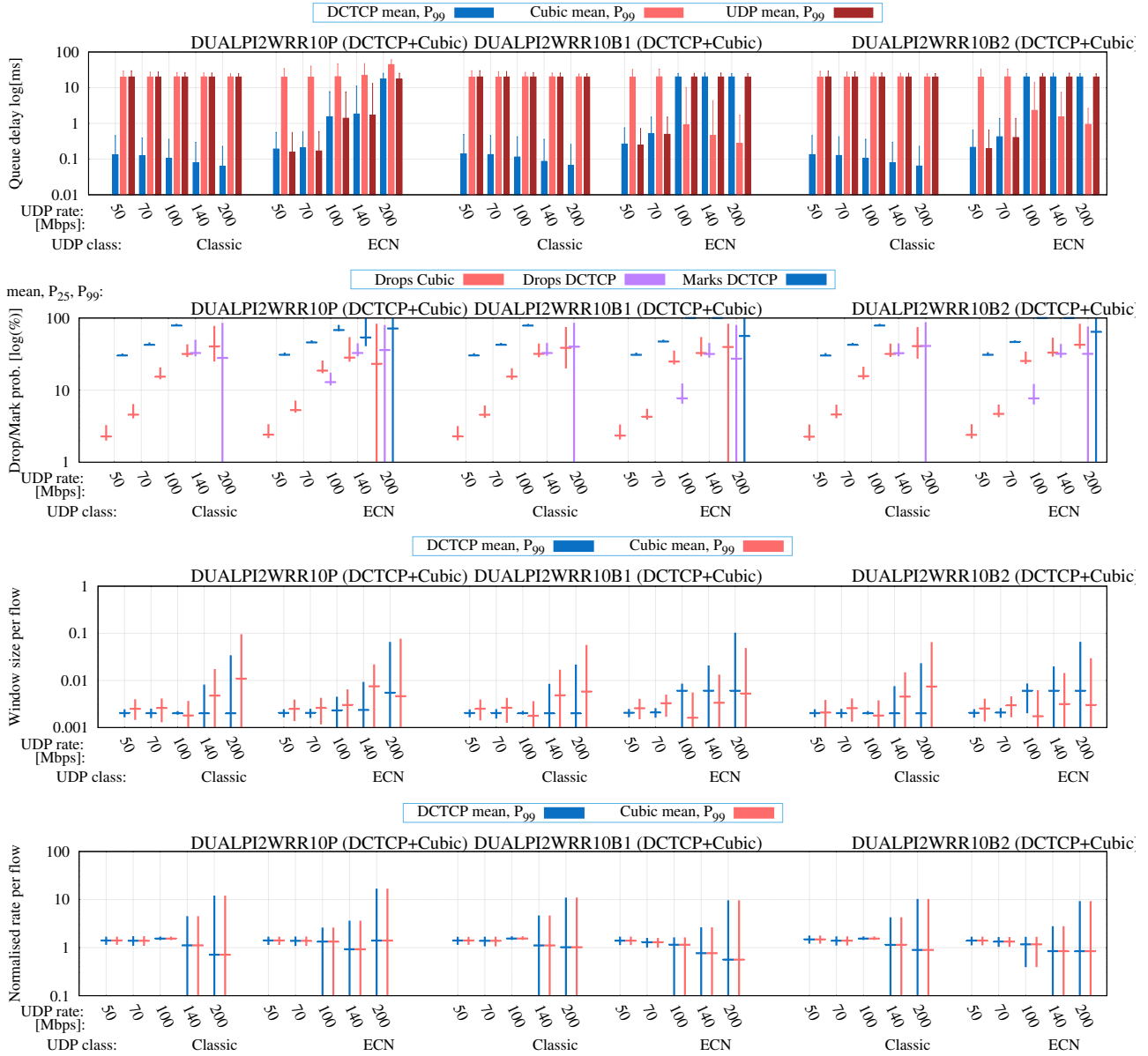


Figure C.1: Overload experiments. 1 flow for each CC