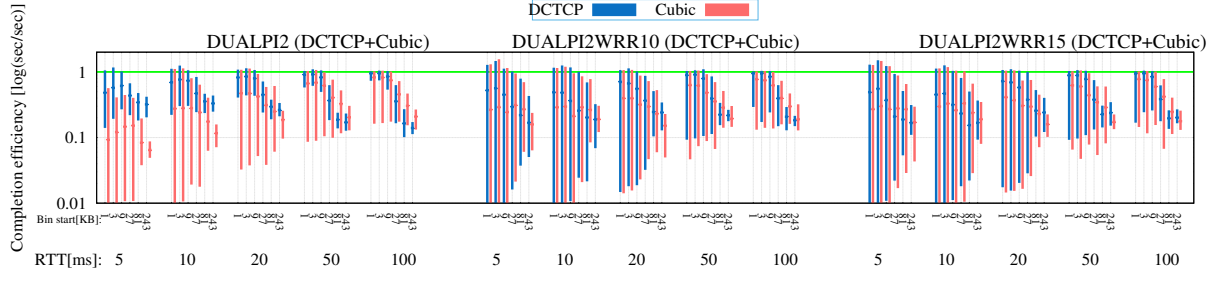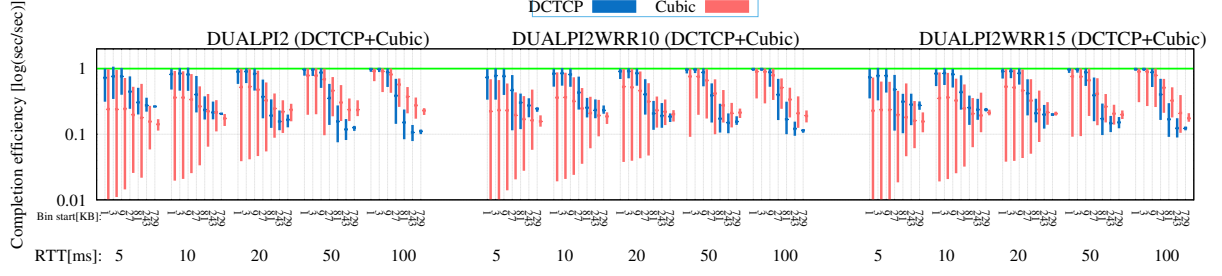Comparing DualPI2 with WRR ratio 10 and 15, without overload enabled (now by default), where l_drop is set to 100. ECN threshold was set to 6ms for 4 Mbps link, 2ms for 12 Mbps link, and 1ms in all other cases. The rest of the parameters were default values, except for dc_ecn and dc_dualq. These experiments were run with DCTCP from 3.19 kernel, which does not respond to drops. First column (DUALPI2) shows baseline results (results obtained from the last stable version of DualPI2, from 21-02-19.
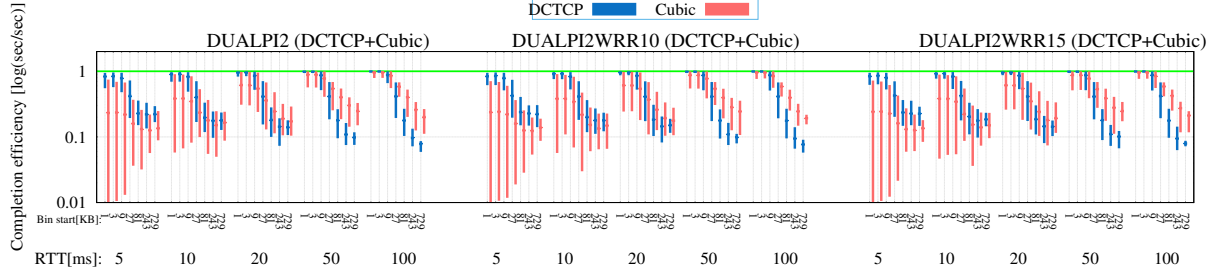
Appendix A
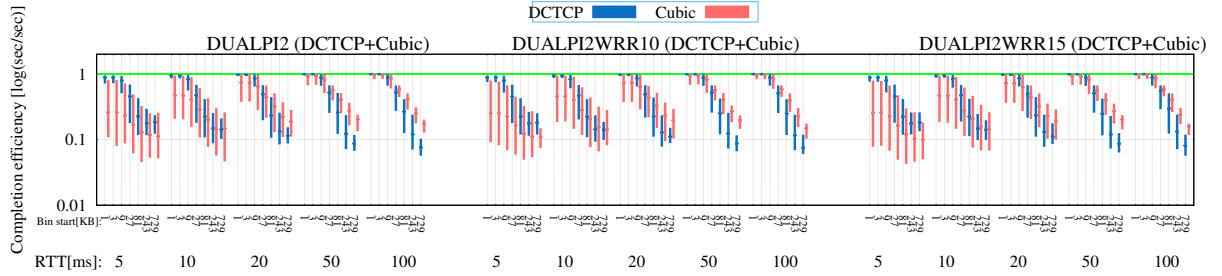
Equal RTT experiments

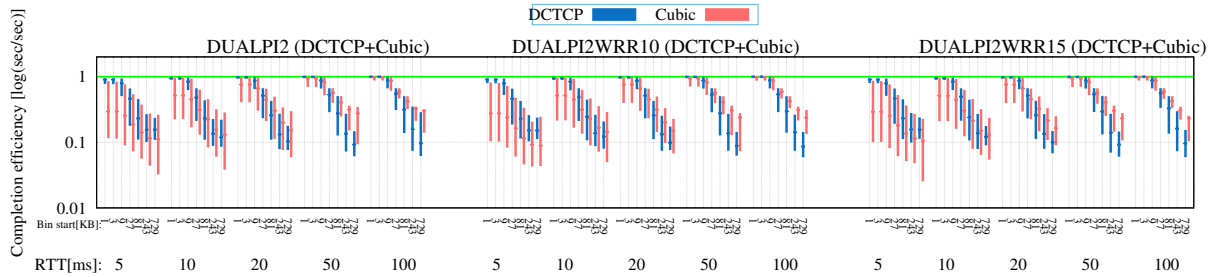(a) 4Mbps link capacity

(b) 12Mbps link capacity

(c) 40Mbps link capacity

(d) 120 Mbps link capacity

(e) 200 Mbps link capacity

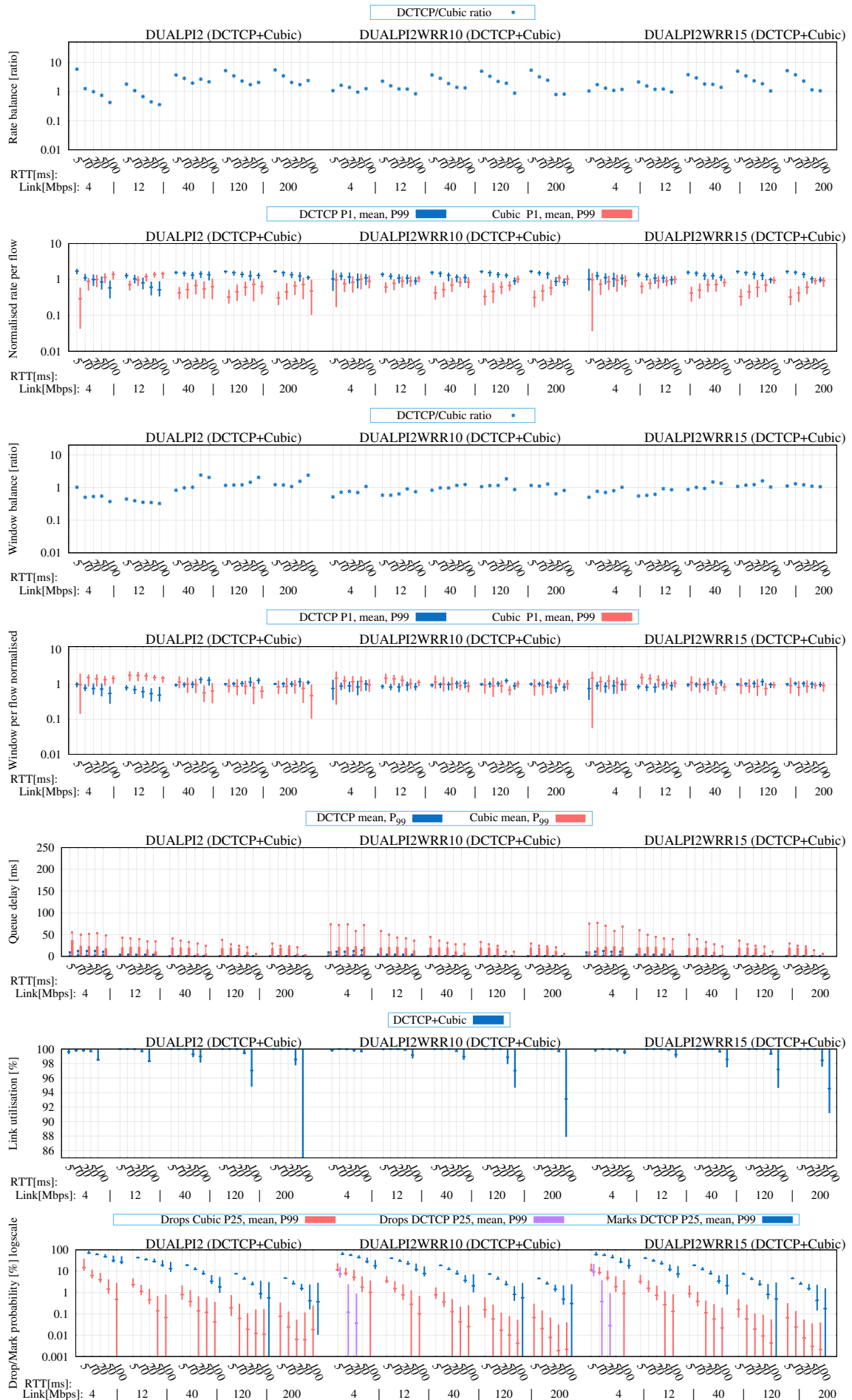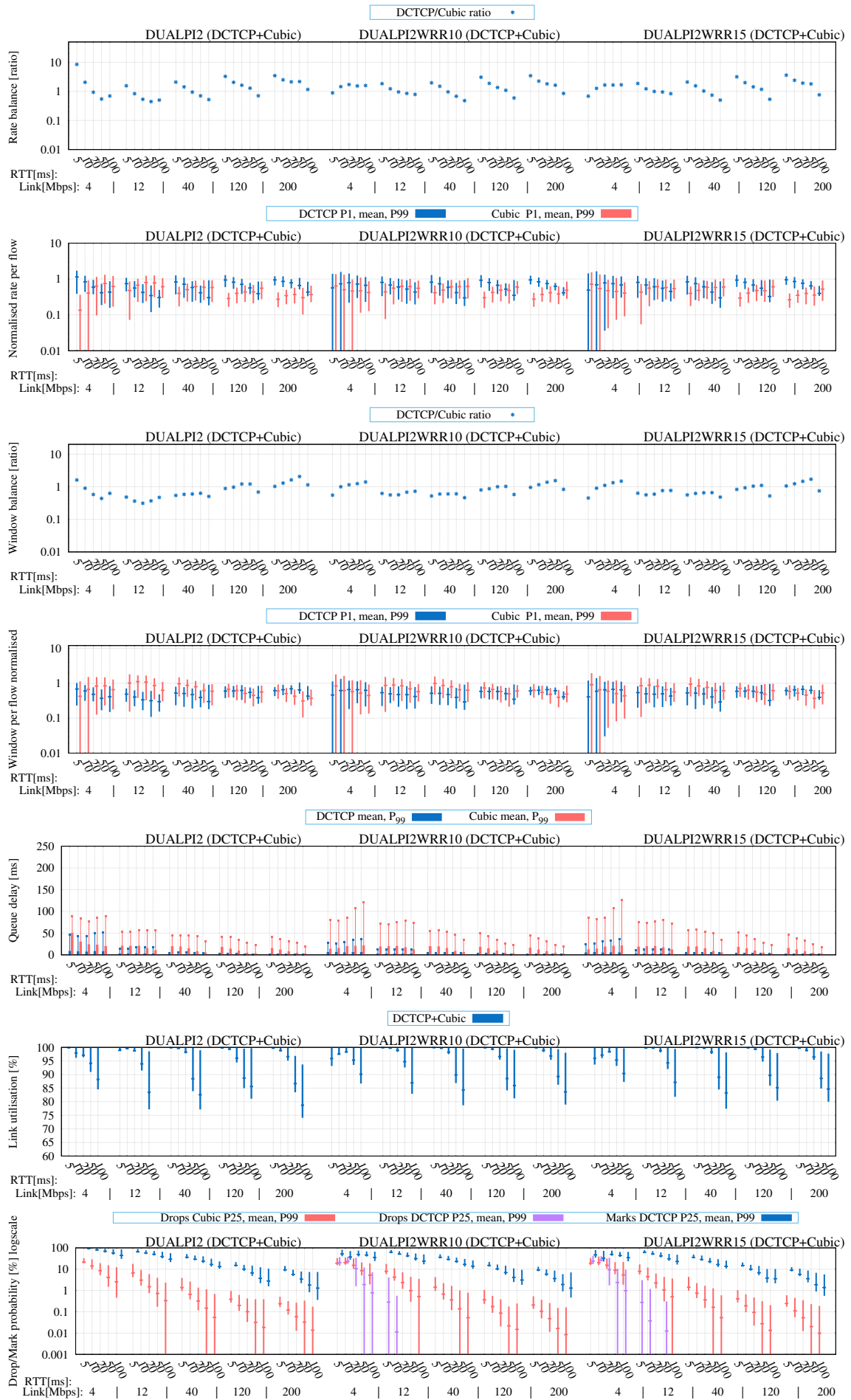Figure A.1: Equal RTT (1h-1h)

Figure A.2: Equal RTT (1-1)
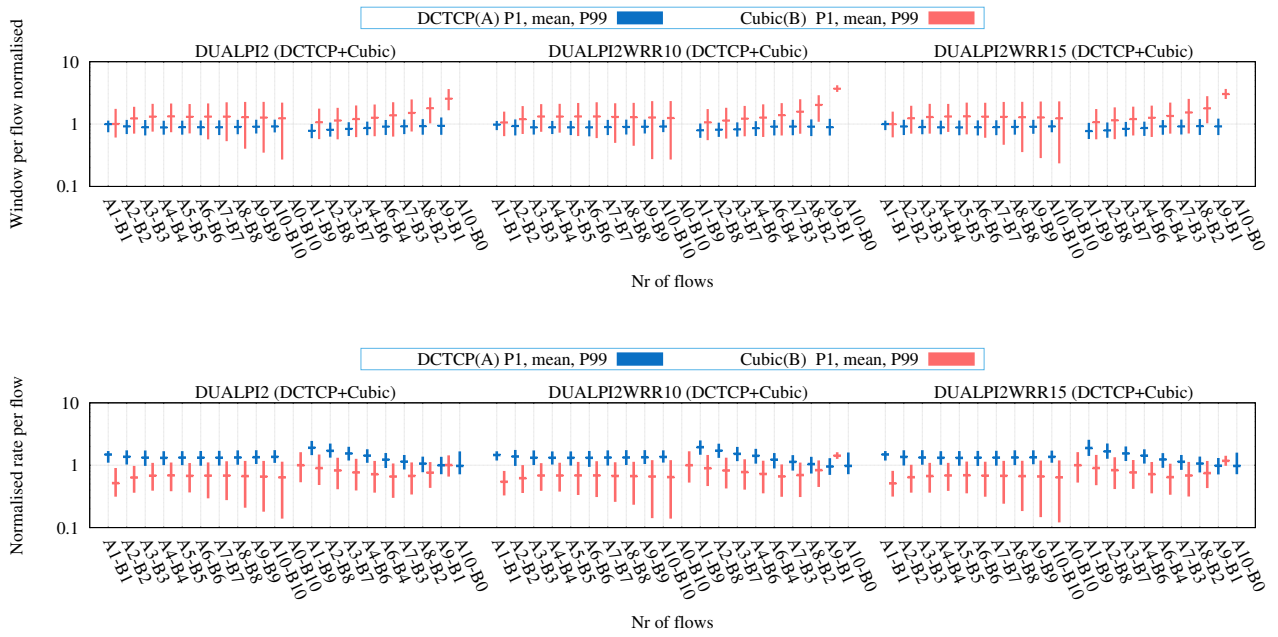
Figure A.3: Equal RTT (1h-1h)

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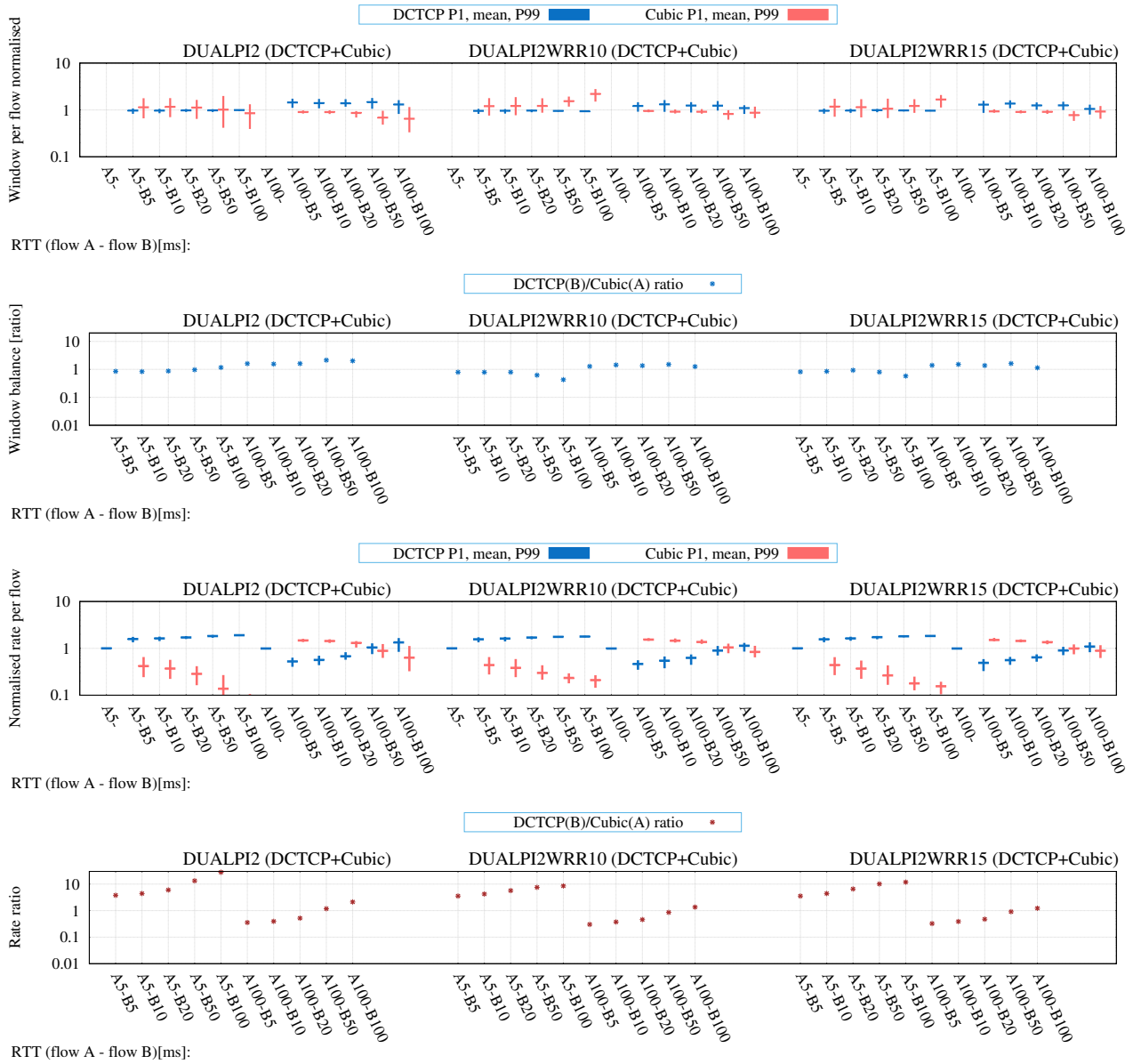
Appendix B

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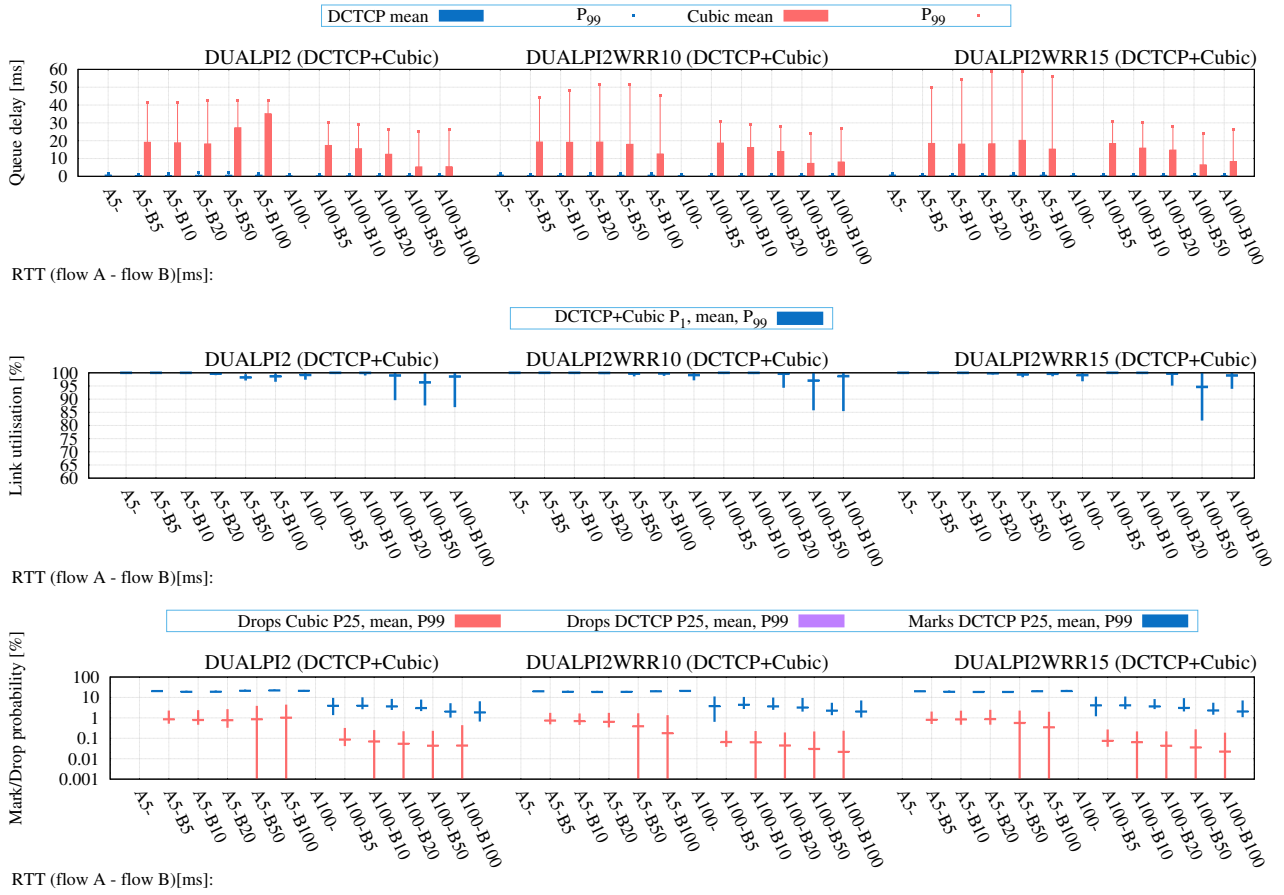
Figure B.1: 1 flow for each CC. Mixed RTT (mrtt2˙link40)

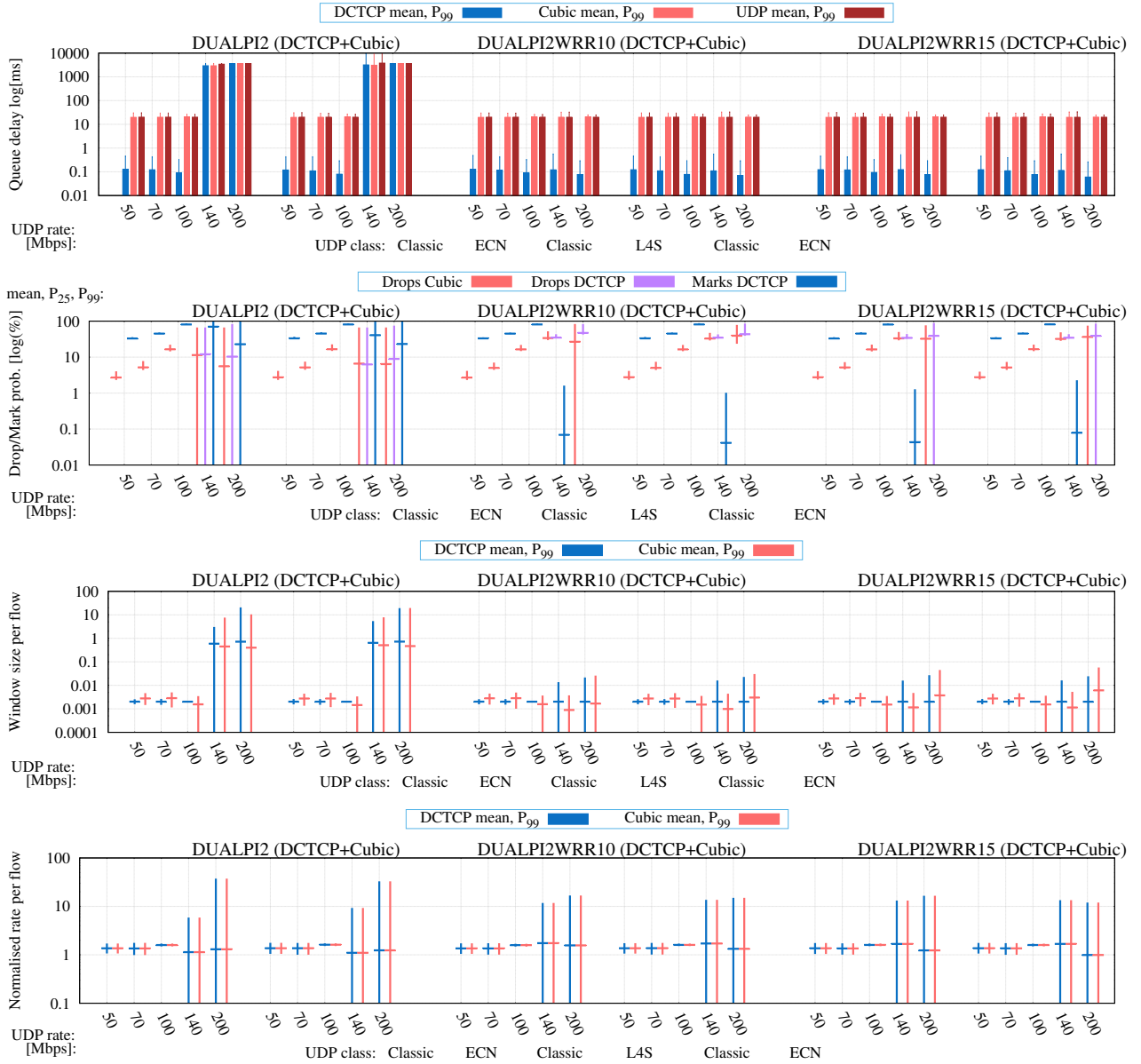Figure B.2: 1 flow for each CC. Mixed RTT (mrtt2˙link40)

Appendix C

Overload experiments

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