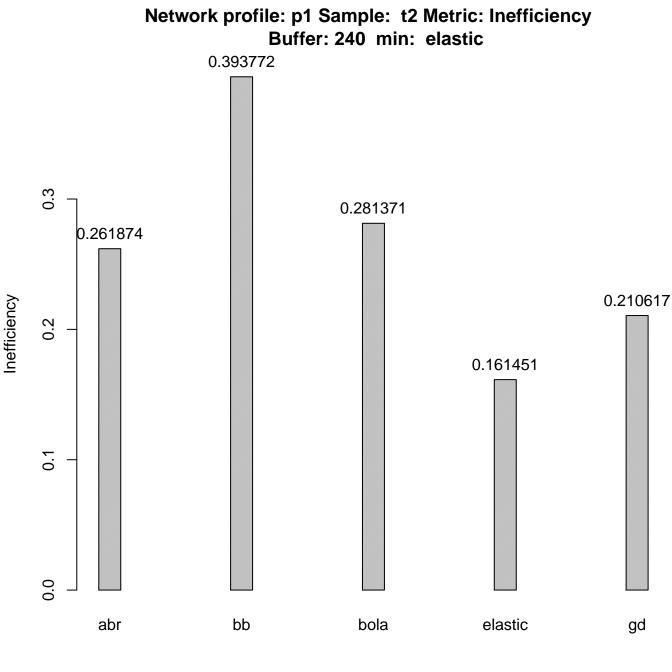


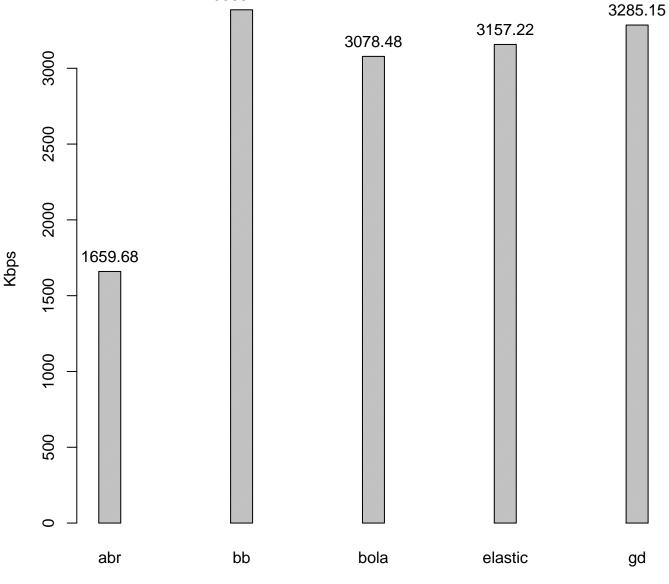
Network profile: p1 Sample: t1 Metric: # quality change Buffer: 240 min: bb 45 40 4 30 # Quality changes 20 10 8 6 elastic abr bb bola gd

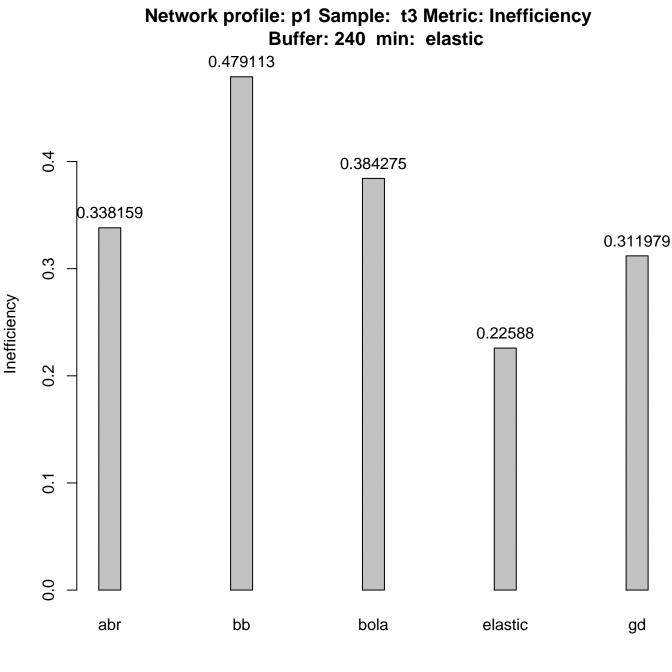
Network profile: p1 Sample: t2 Metric: Avg-Bitrate Buffer: 240 max: bola 3245.98 3218.1 3161.85 3000 2903.29 2500 2023.57 2000 1500 1000 500 bb bola elastic abr gd



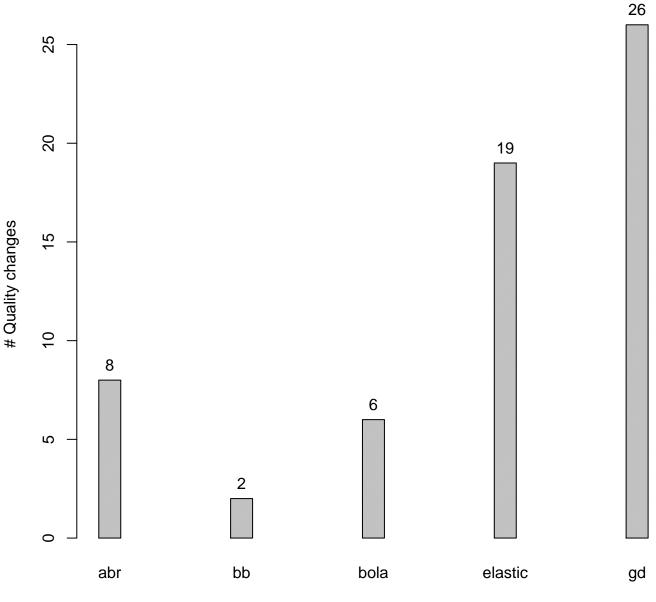
Network profile: p1 Sample: t2 Metric: # quality change Buffer: 240 min: bb 17 15 12 10 # Quality changes 10 6 2 4 bola abr bb elastic gd

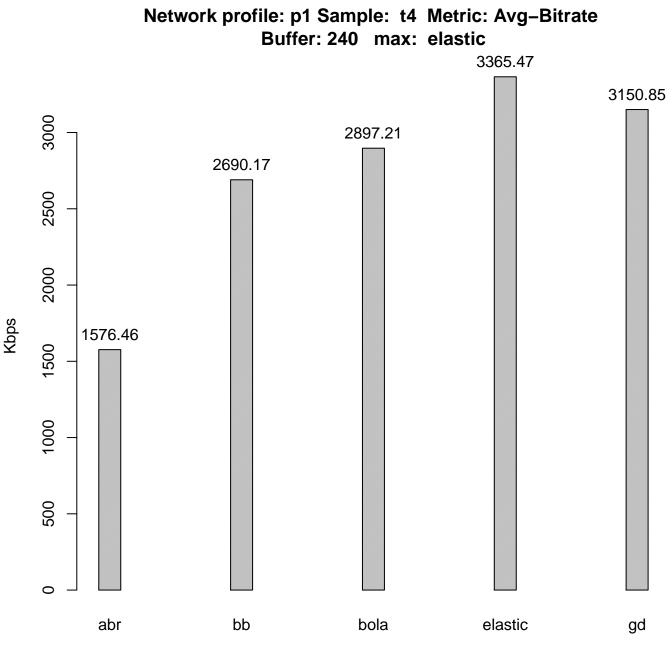
Network profile: p1 Sample: t3 Metric: Avg-Bitrate
Buffer: 240 max: bb
3385.77

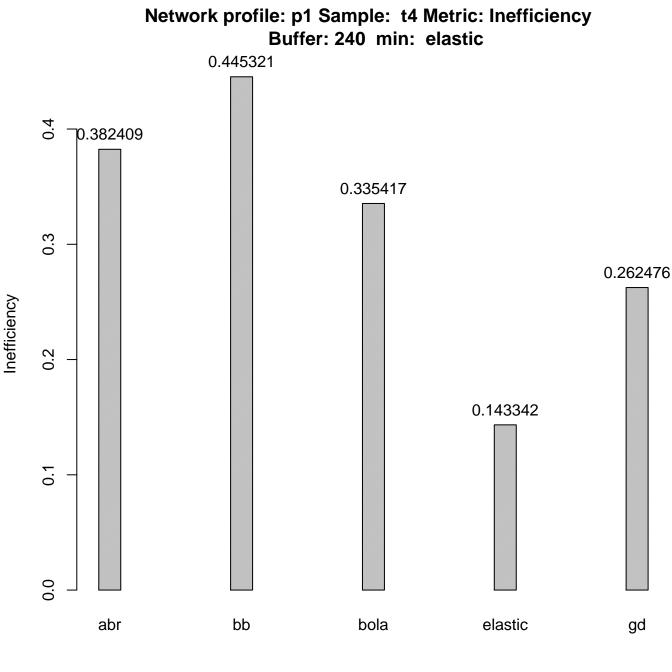




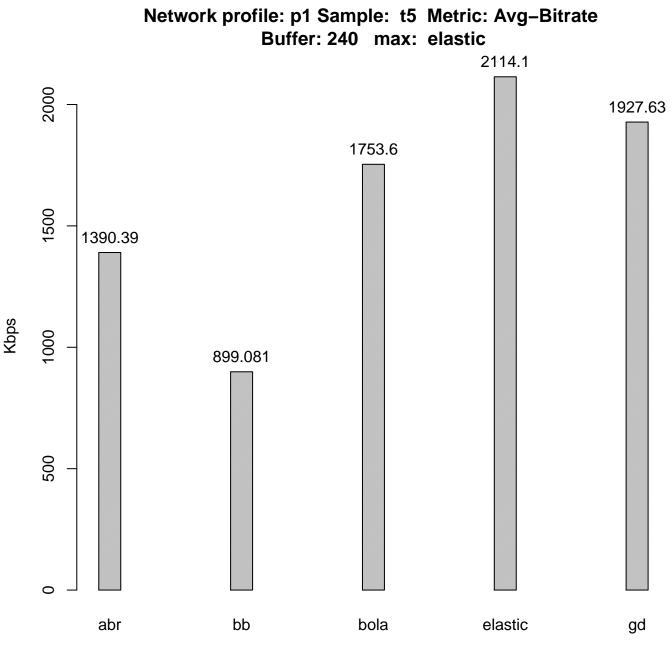
## Network profile: p1 Sample: t3 Metric: # quality change Buffer: 240 min: bb

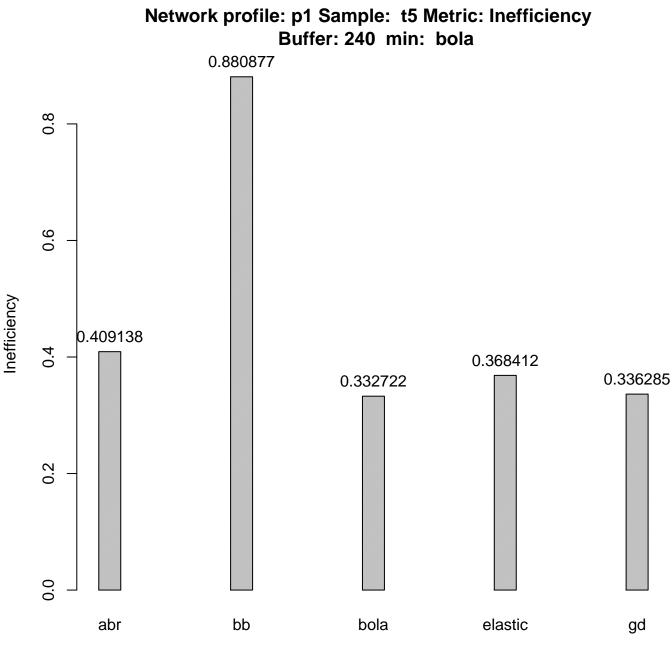






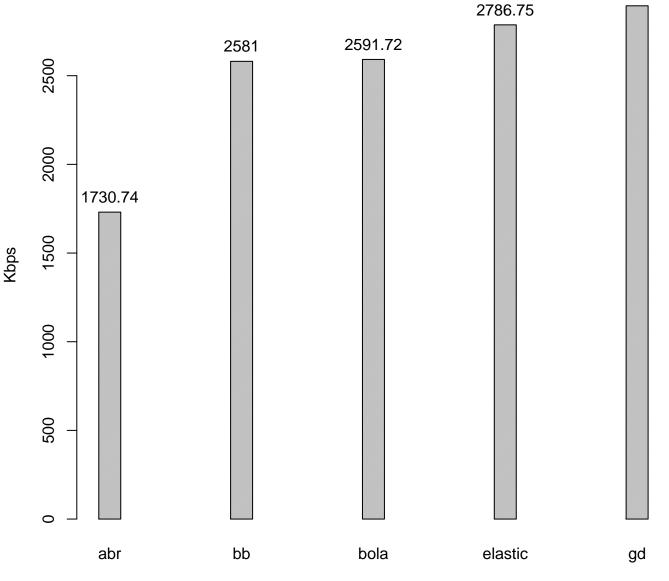
Network profile: p1 Sample: t4 Metric: # quality change Buffer: 240 min: bb 10 8 8  $\infty$ 6 # Quality changes 9 3  $^{\circ}$ abr bb bola elastic gd

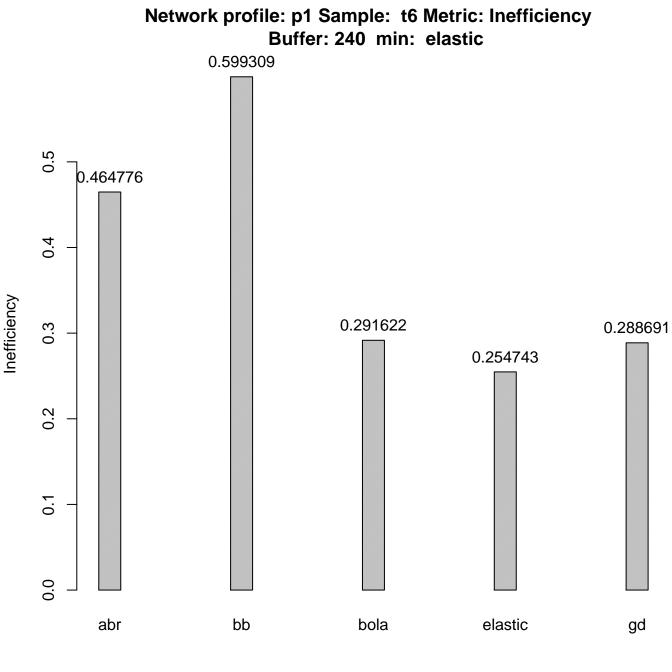




Network profile: p1 Sample: t5 Metric: # quality change Buffer: 240 min: elastic 8  $\infty$ 6 6 9 # Quality changes 4  $\alpha$ abr bb bola elastic gd Network profile: p1 Sample: t6 Metric: Avg-Bitrate
Buffer: 240 max: gd

2894.18

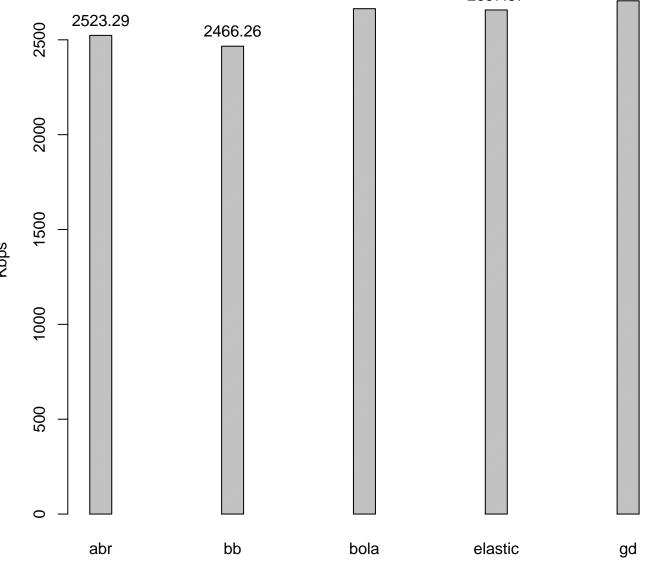


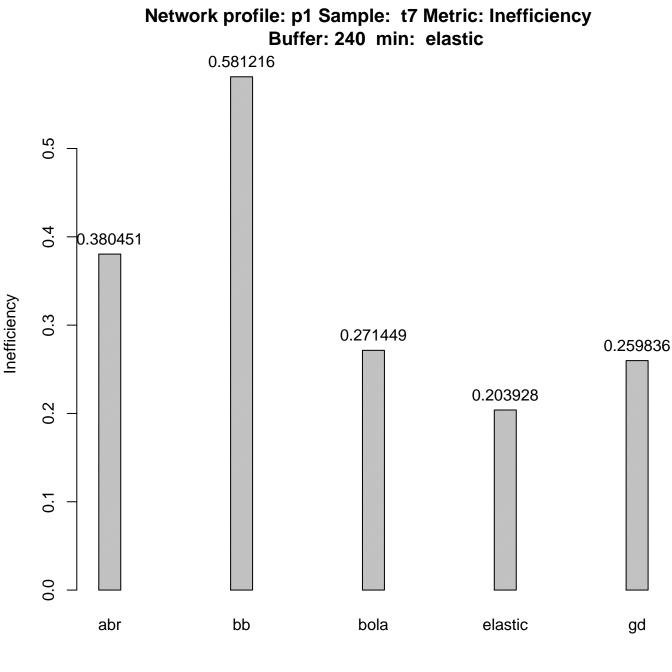


Network profile: p1 Sample: t6 Metric: # quality change Buffer: 240 min: bola 55 20 46 40 # Quality changes 30 24 22 21 20 10 abr bb bola elastic gd

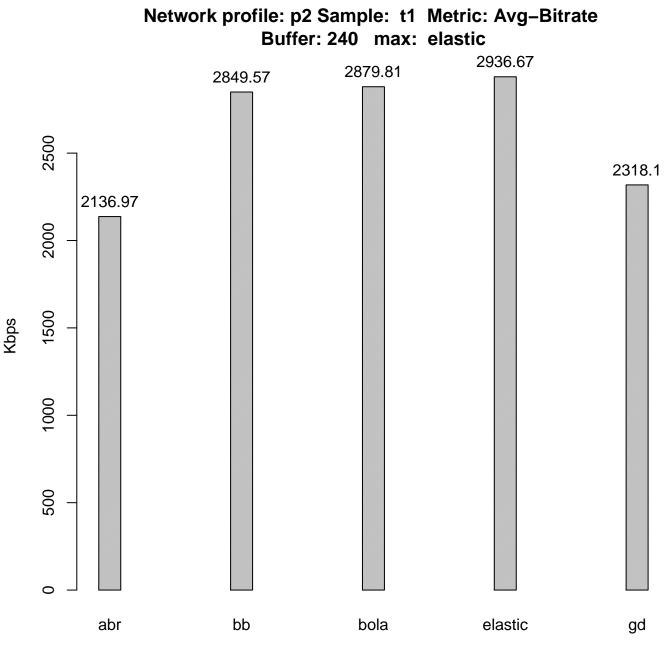
Network profile: p1 Sample: t7 Metric: Avg-Bitrate
Buffer: 240 max: gd

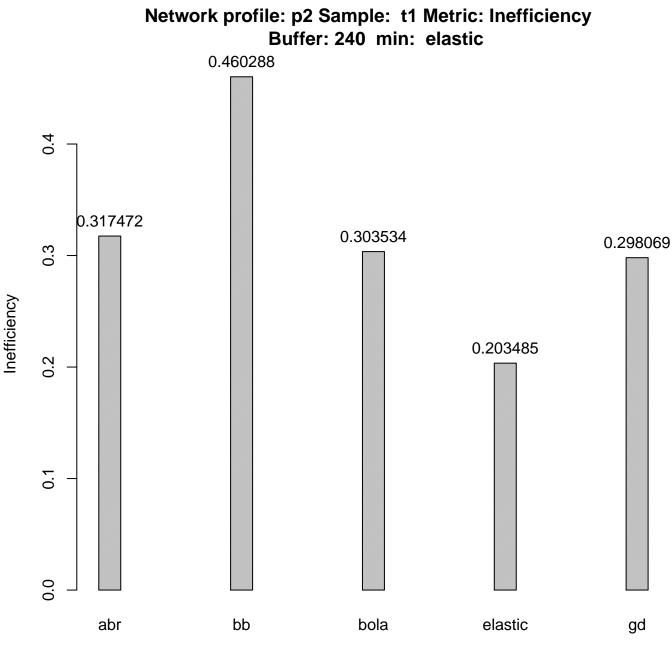
2664 2657.37 2705.64

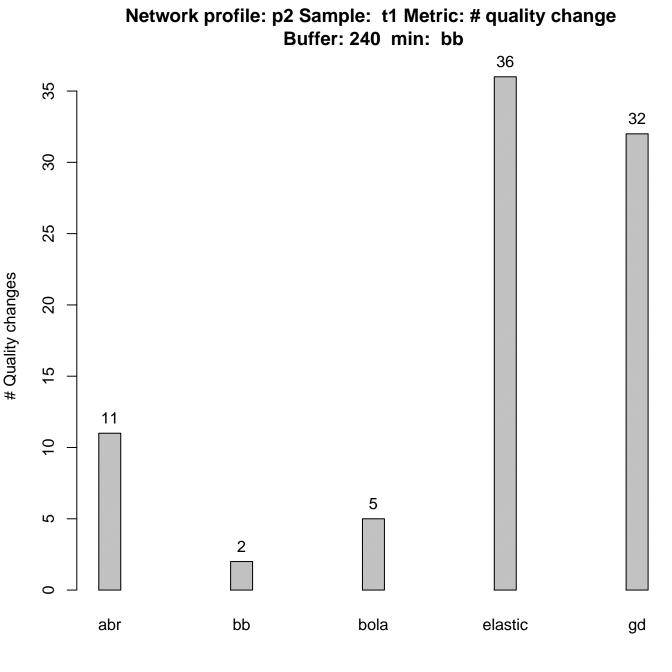




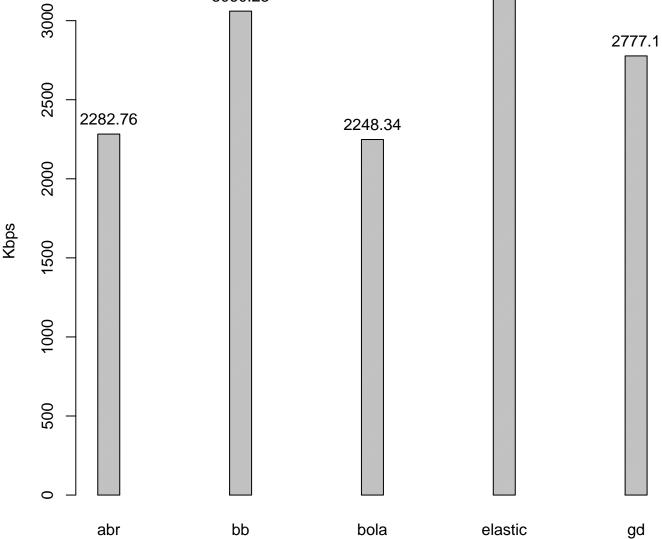
Network profile: p1 Sample: t7 Metric: # quality change Buffer: 240 min: bb 47 4 30 30 # Quality changes 20 18 16 10 7 abr bb bola elastic gd

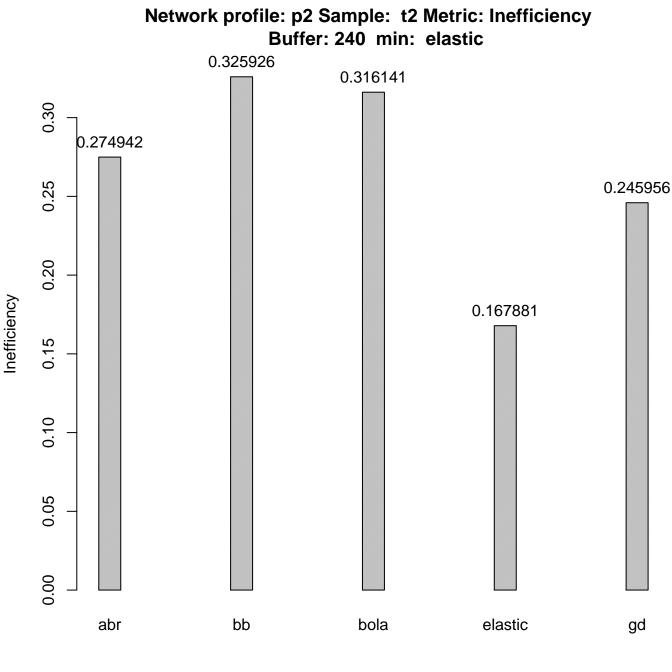


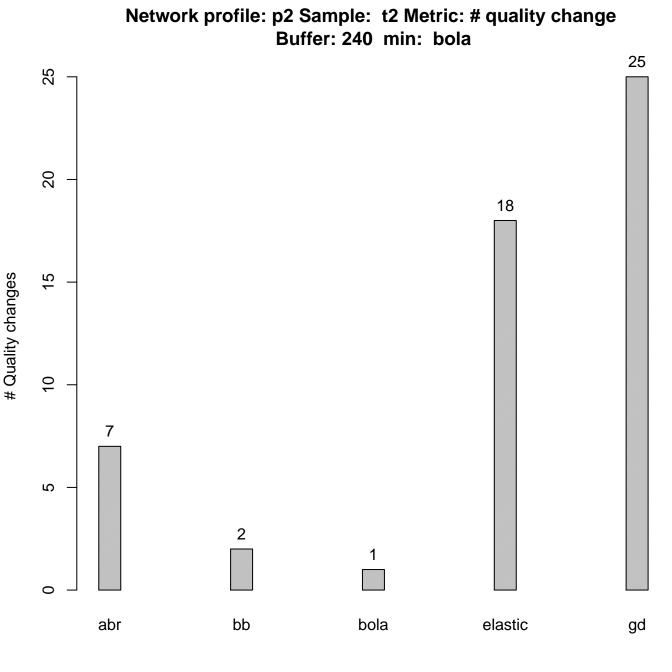




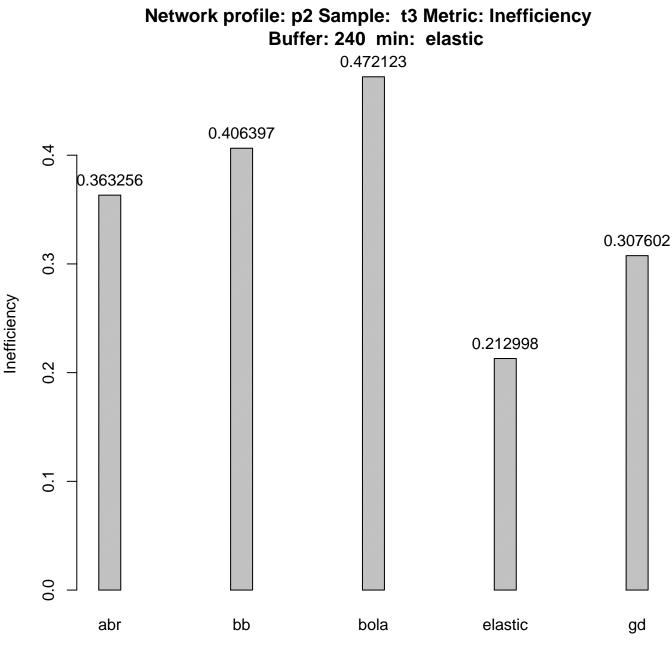
Network profile: p2 Sample: t2 Metric: Avg-Bitrate
Buffer: 240 max: elastic
3245.72

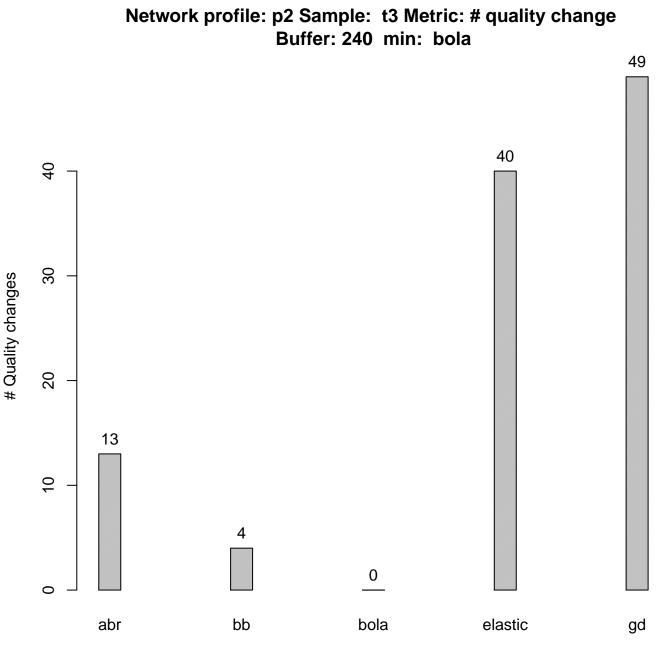




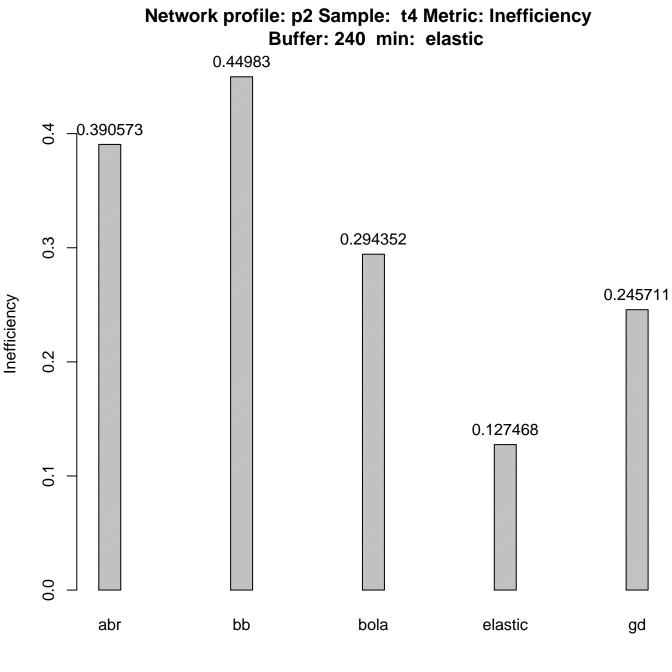


Network profile: p2 Sample: t3 Metric: Avg-Bitrate Buffer: 240 max: bb 3365.54 3292.14 3000 2735.87 2500 2000 1962.55 Kbps 1500 1198 1000 500 bb bola elastic abr gd

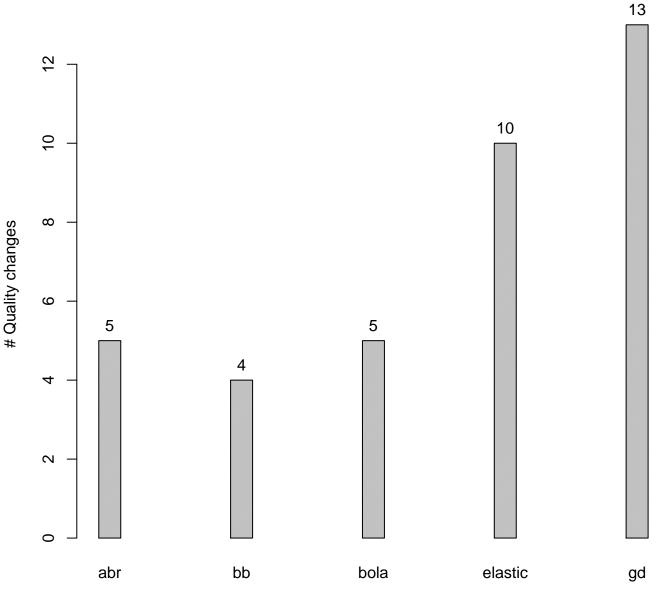




Network profile: p2 Sample: t4 Metric: Avg-Bitrate Buffer: 240 max: bb 3336.85 3184.9 3000 2872.66 2833.72 2500 2000 1763.98 Kbps 1500 1000 500 bb bola elastic abr gd



## Network profile: p2 Sample: t4 Metric: # quality change Buffer: 240 min: bb

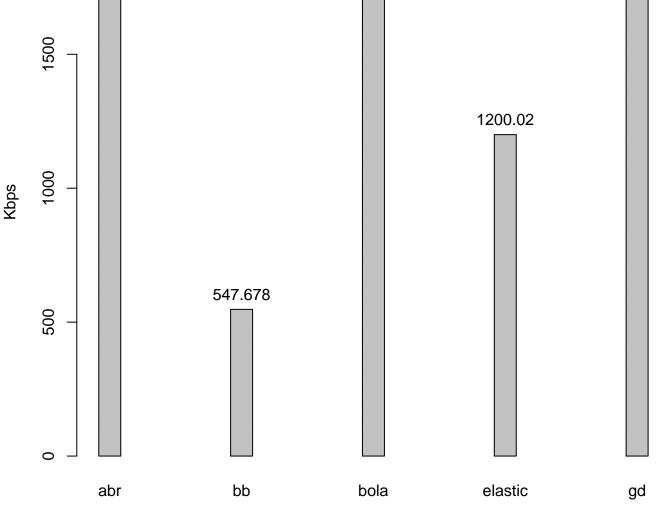


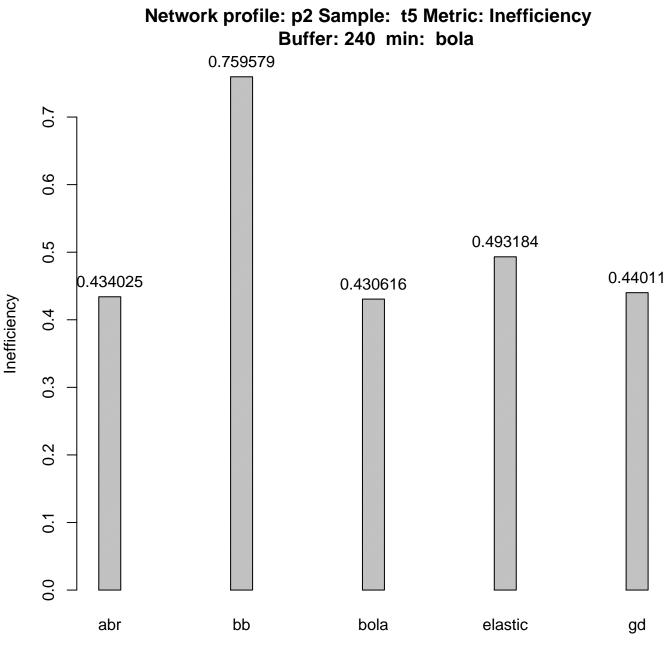
Network profile: p2 Sample: t5 Metric: Avg-Bitrate
Buffer: 240 max: gd

1916.21

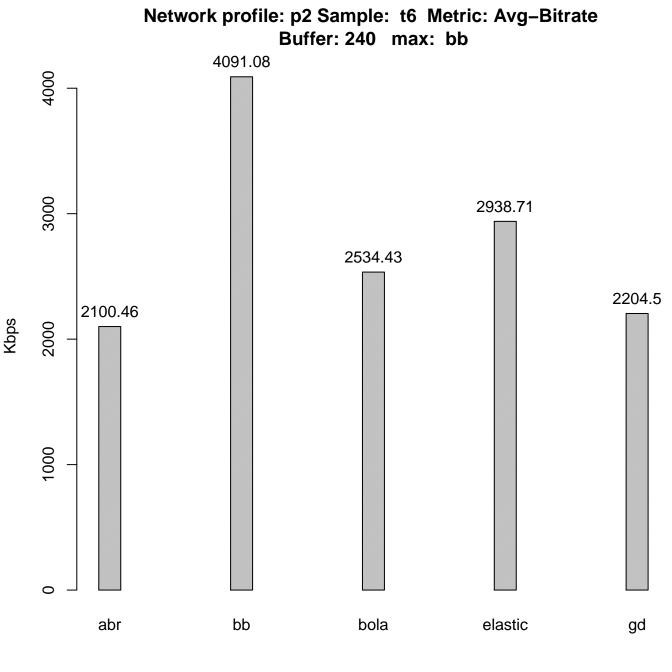
1840.93

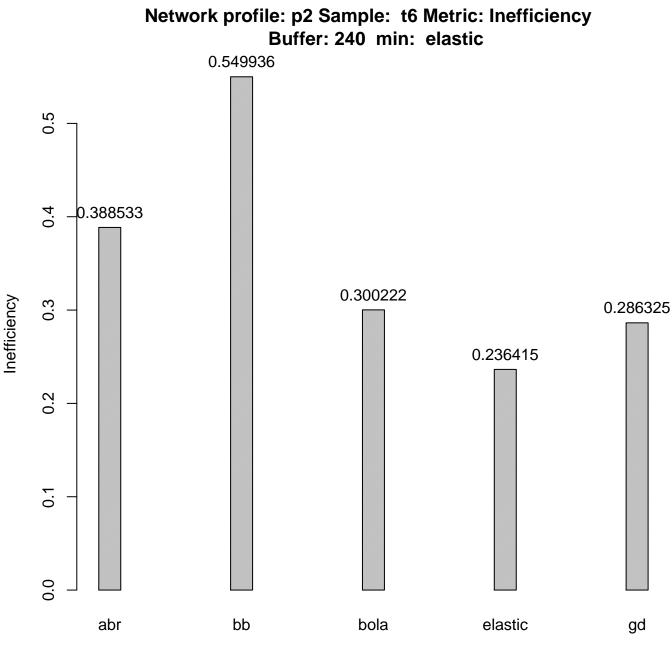
1839.93

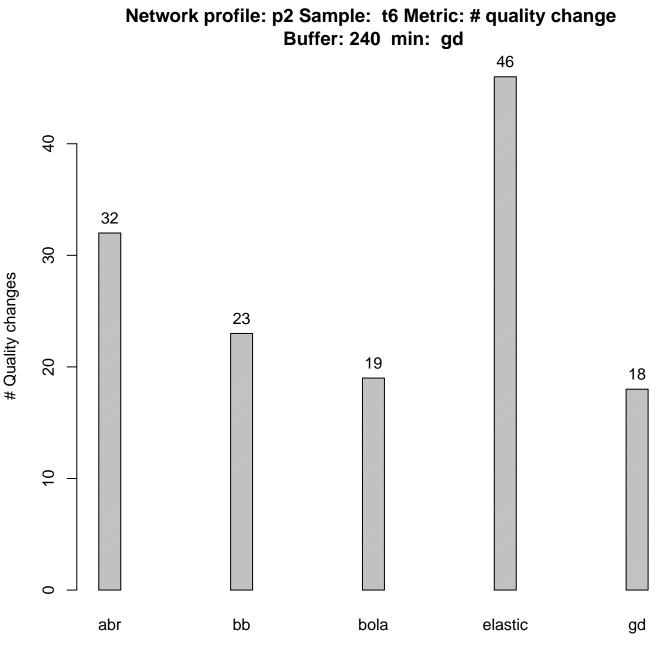




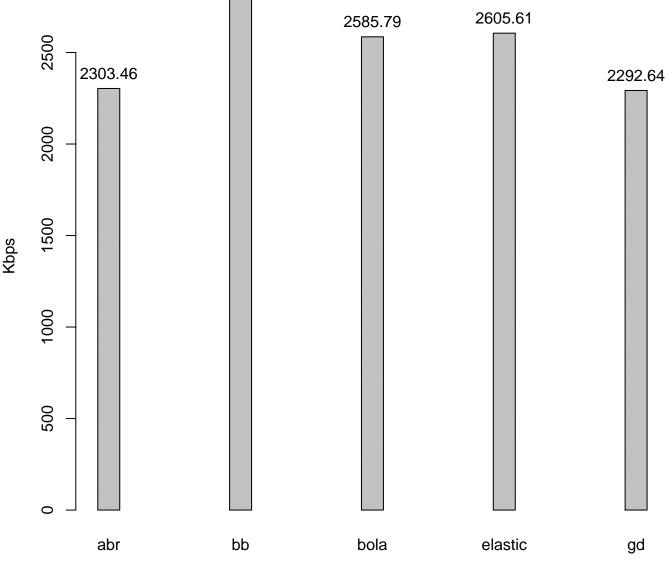
Network profile: p2 Sample: t5 Metric: # quality change Buffer: 240 min: abr 8  $\infty$ 9 5 # Quality changes 4 4 4  $^{\circ}$ abr bb bola elastic gd

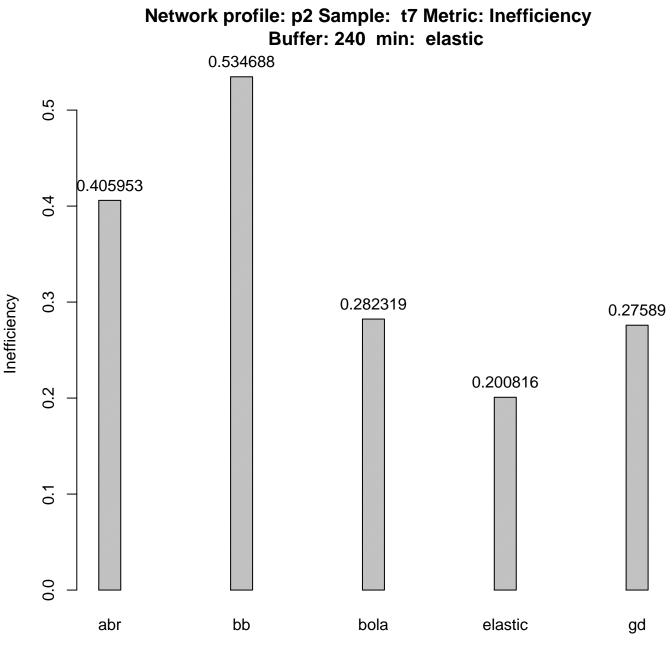




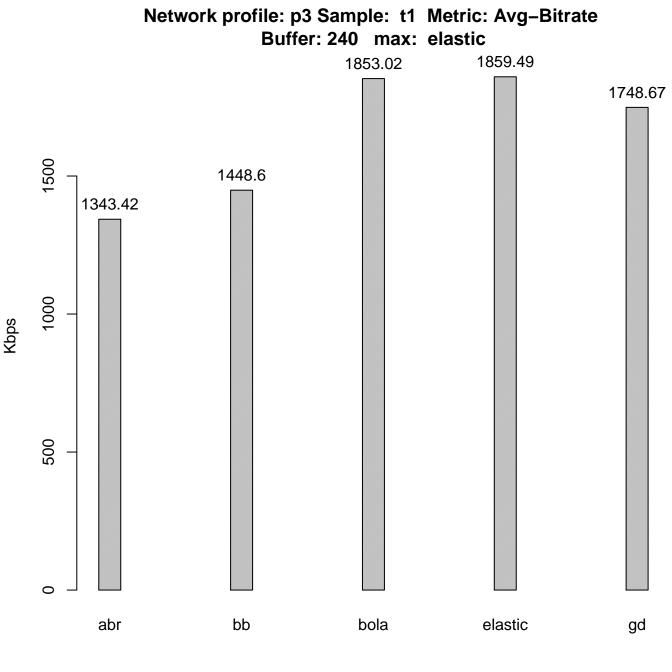


Network profile: p2 Sample: t7 Metric: Avg-Bitrate
Buffer: 240 max: bb
2804.4

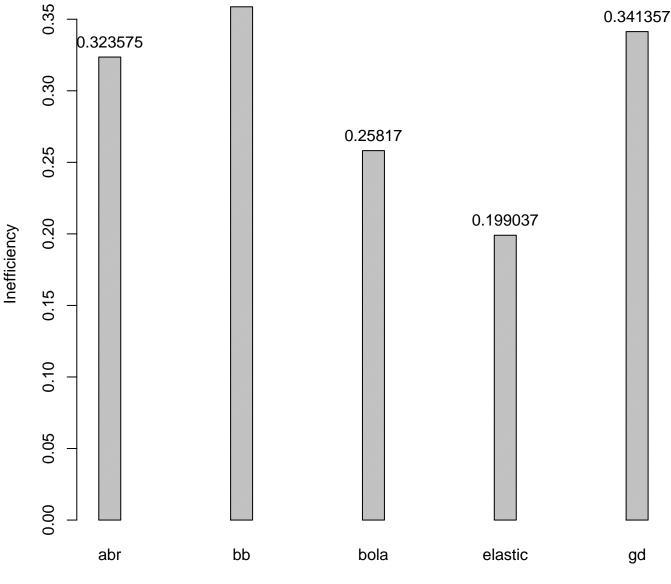


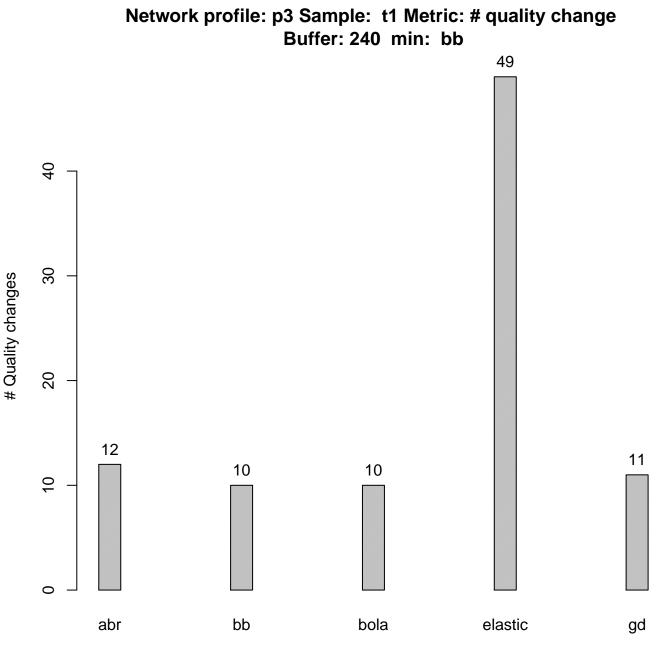


Network profile: p2 Sample: t7 Metric: # quality change Buffer: 240 min: bb 46 40 33 30 # Quality changes 20 16 15 10 8 abr bb bola elastic gd



Network profile: p3 Sample: t1 Metric: Inefficiency
Buffer: 240 min: elastic
0.358693

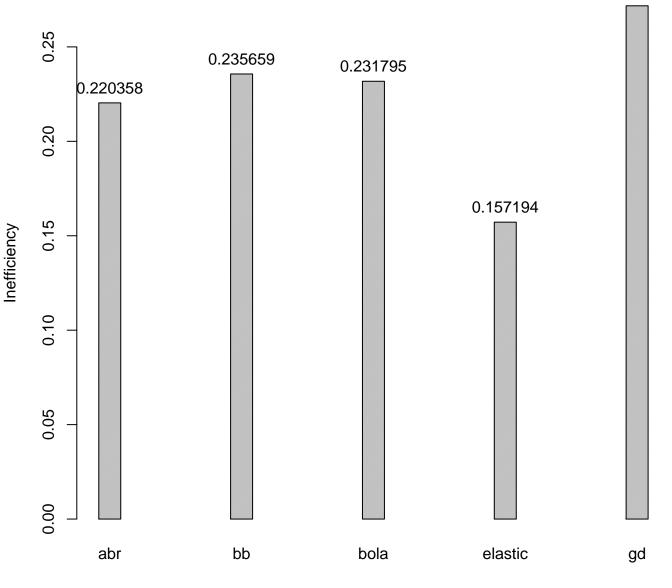


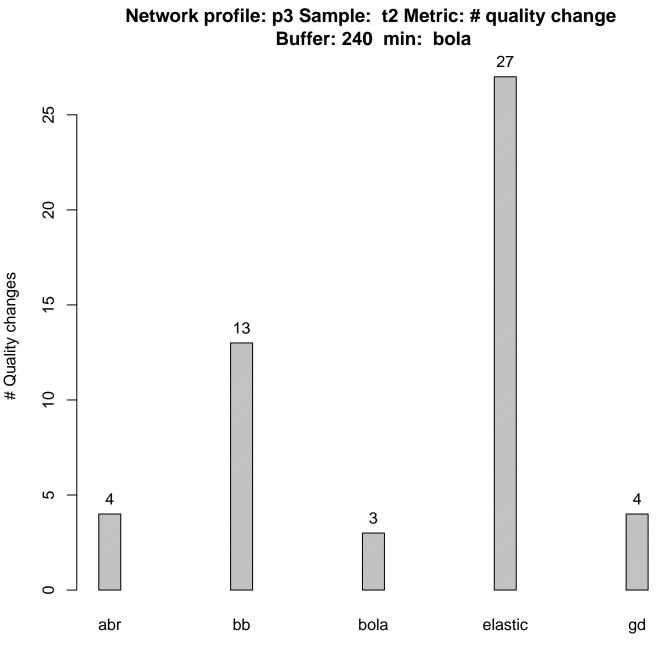


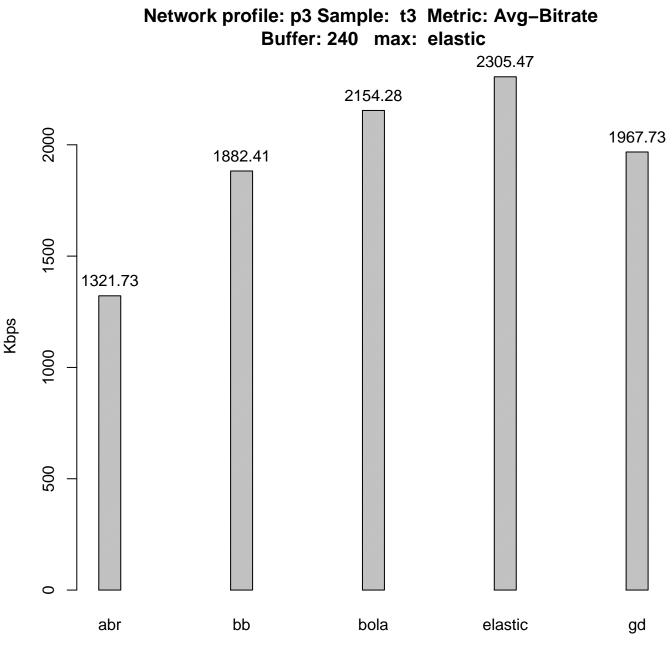
Network profile: p3 Sample: t2 Metric: Avg-Bitrate Buffer: 240 max: elastic 2219.99 2129.93 2079.02 2000 1789.65 1699.53 1500 500 bb bola elastic abr gd

Network profile: p3 Sample: t2 Metric: Inefficiency Buffer: 240 min: elastic

0.271758

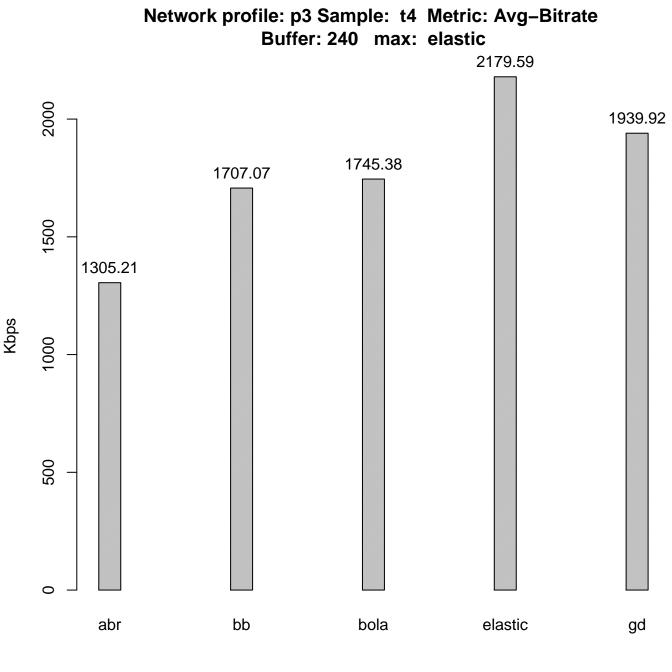




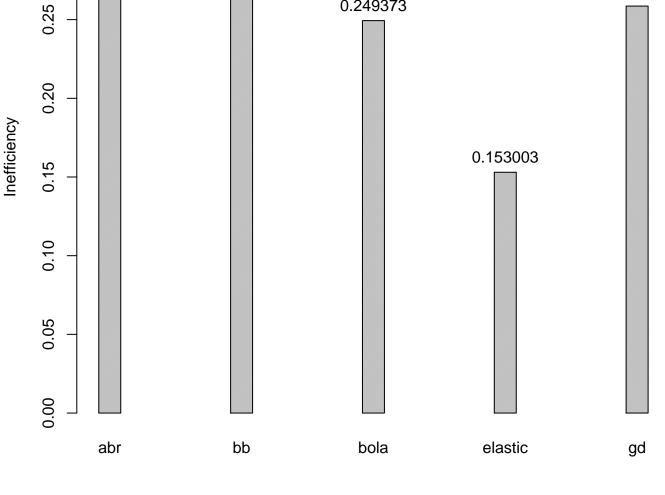


Network profile: p3 Sample: t3 Metric: Inefficiency Buffer: 240 min: elastic 0.307053 0.299722 0.277406 0.25 0.219575 0.20 Inefficiency 0.143536 0.10 0.05 elastic bb bola abr gd

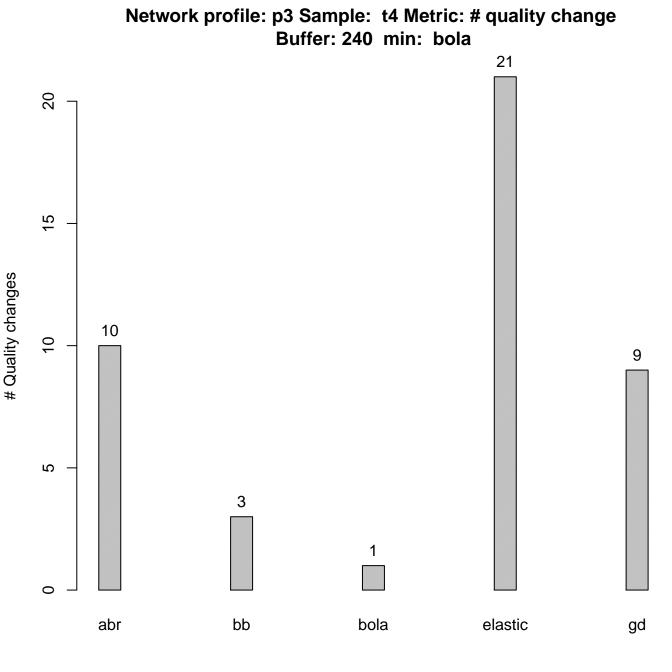
Network profile: p3 Sample: t3 Metric: # quality change Buffer: 240 min: bb 67 9 50 # Quality changes 40 30 22 20 14 10 5 5 elastic abr bb bola gd

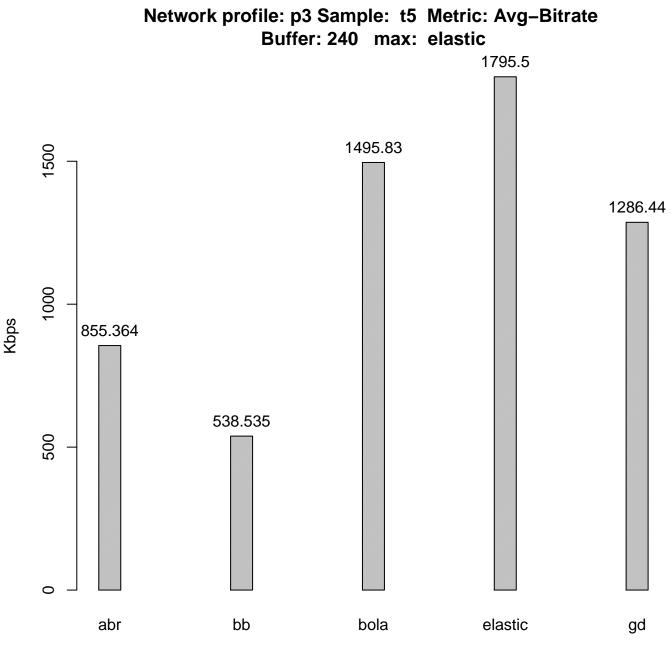


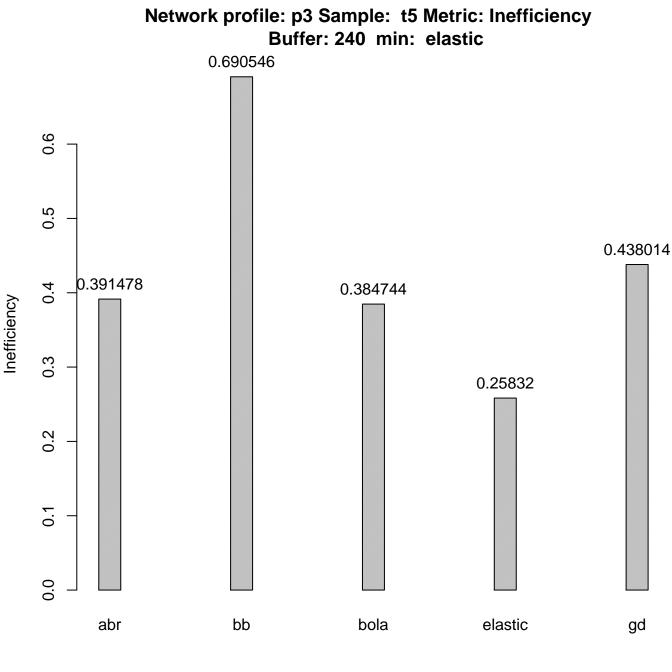
Network profile: p3 Sample: t4 Metric: Inefficiency Buffer: 240 min: elastic 0.32614 0.300885 0.258604 0.249373 0.153003



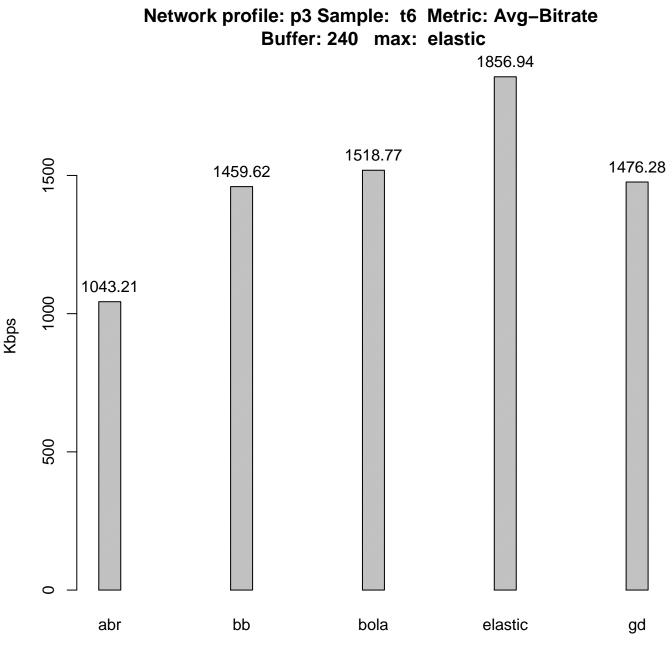
0.30

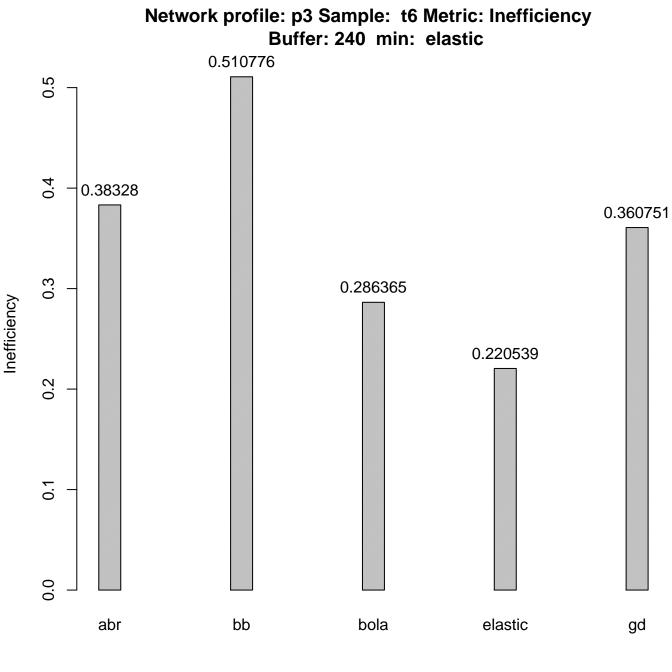


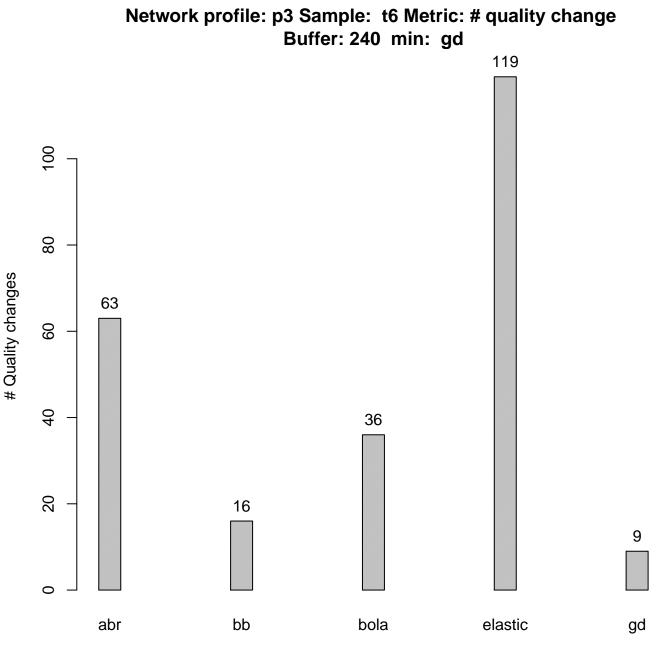


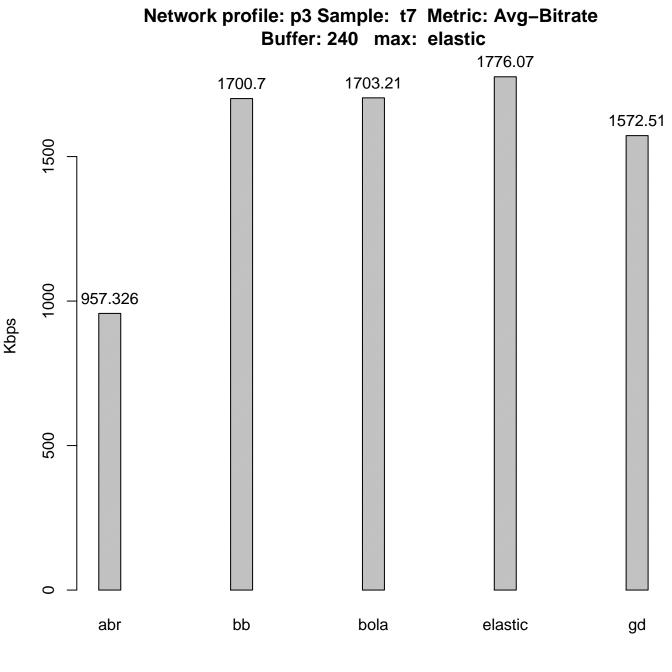


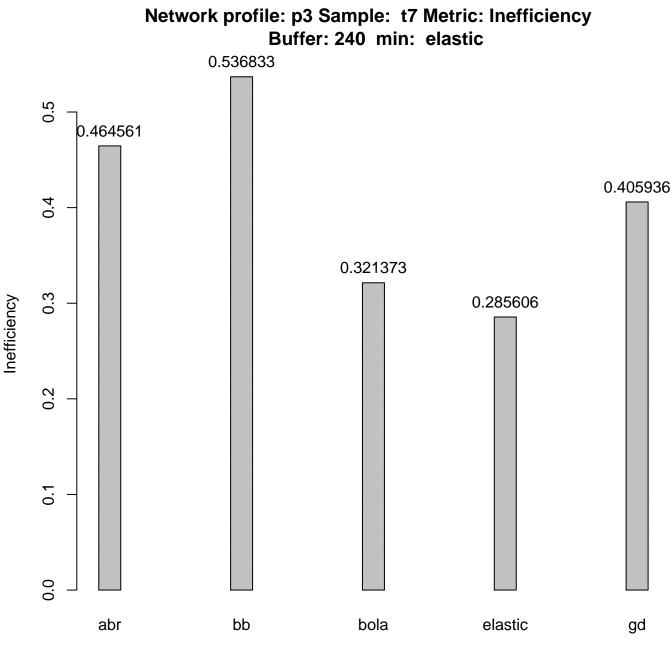
Network profile: p3 Sample: t5 Metric: # quality change Buffer: 240 min: bb 24 20 17 15 # Quality changes 13 10 10 5 2 abr bb bola elastic gd



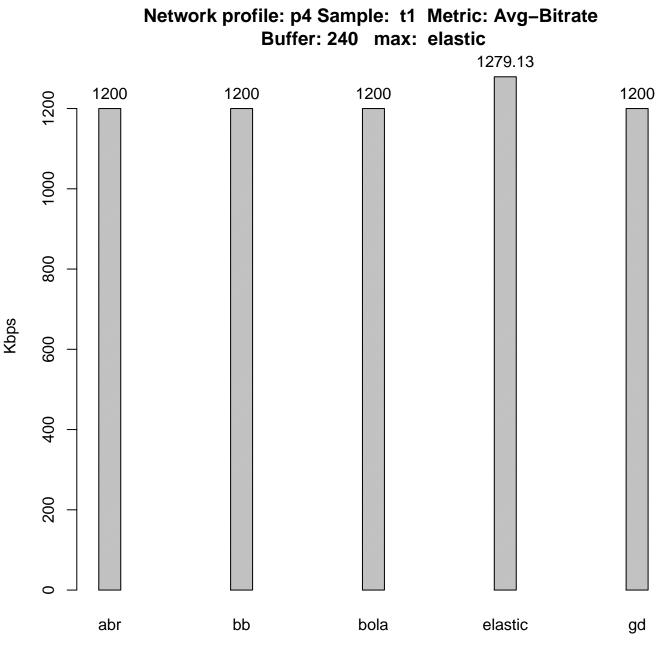






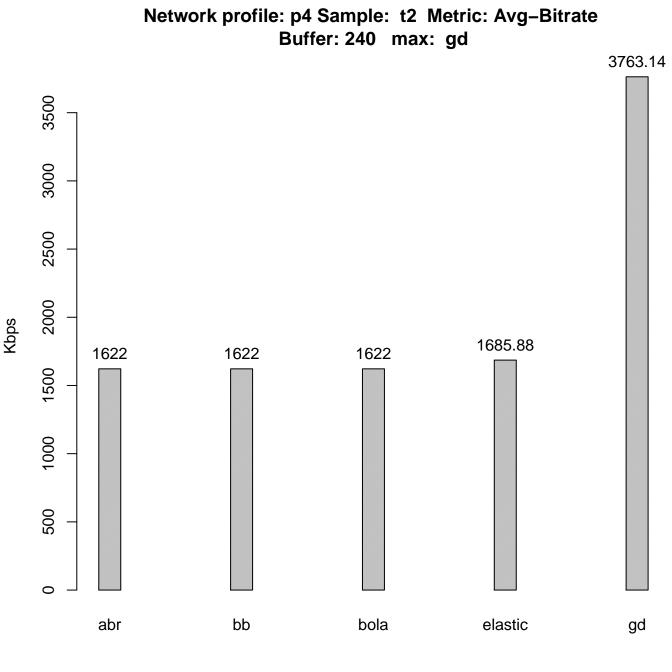


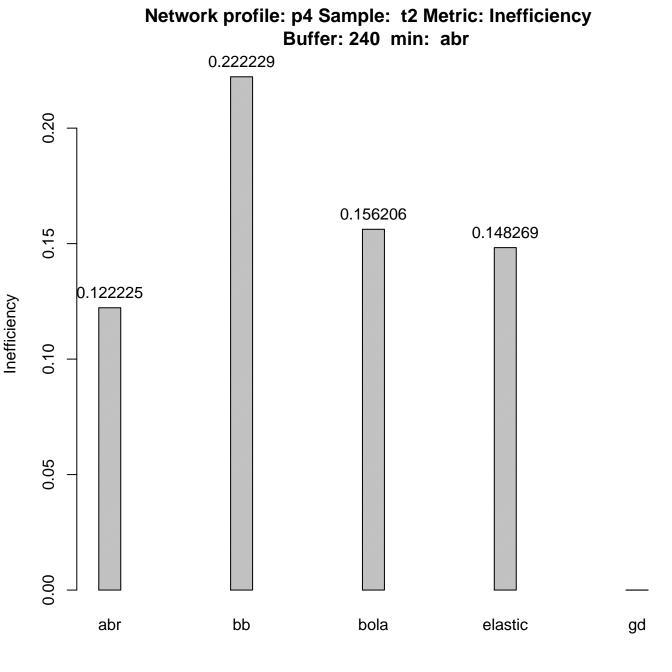
Network profile: p3 Sample: t7 Metric: # quality change Buffer: 240 min: bb 111 100 80 # Quality changes 9 47 40 19 20 16 8 elastic abr bb bola gd

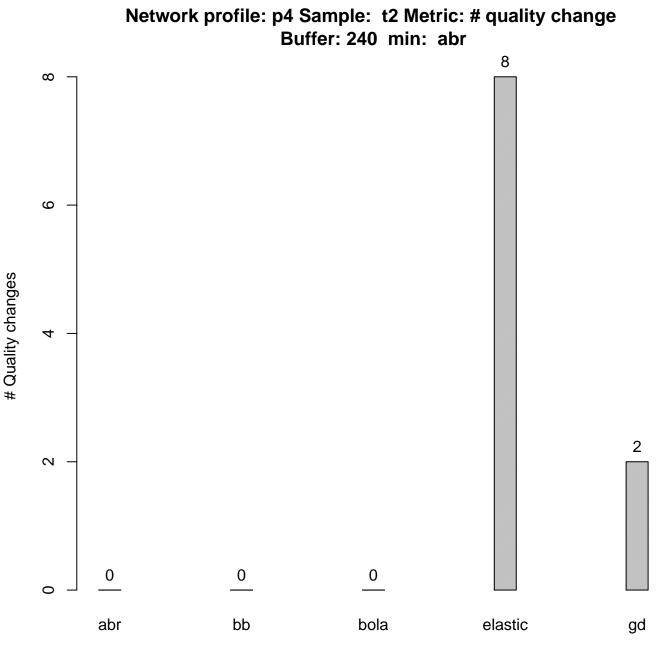


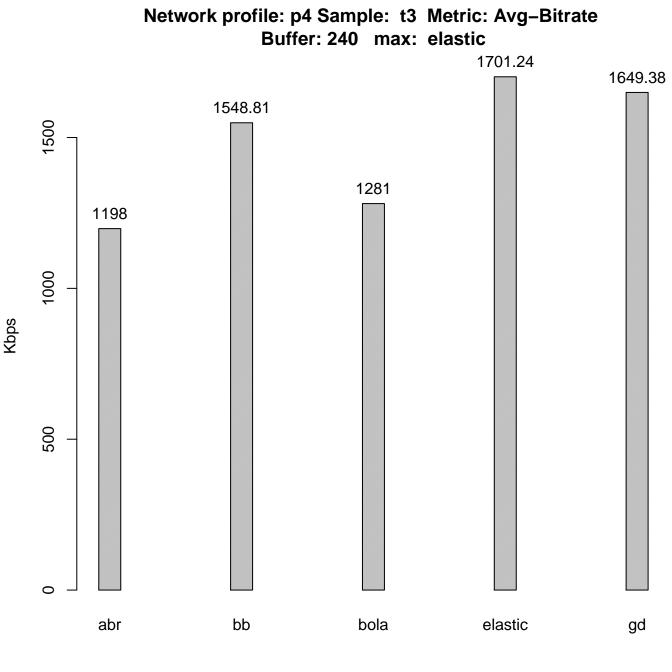
Network profile: p4 Sample: t1 Metric: Inefficiency Buffer: 240 min: elastic 0.15503 0.153942 0.150657 0.148231 0.15 0.125962 Inefficiency elastic bb bola abr gd

Network profile: p4 Sample: t1 Metric: # quality change Buffer: 240 min: abr 14 12 10 # Quality changes  $\infty$ 9 4  $^{\circ}$ elastic abr bb bola gd



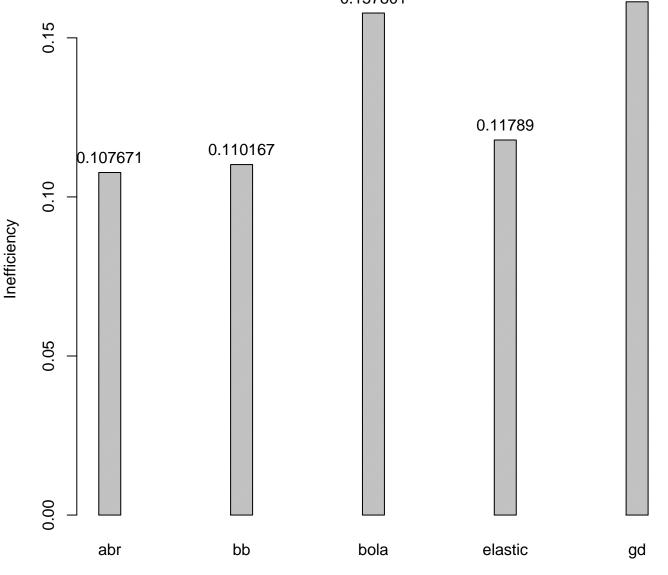




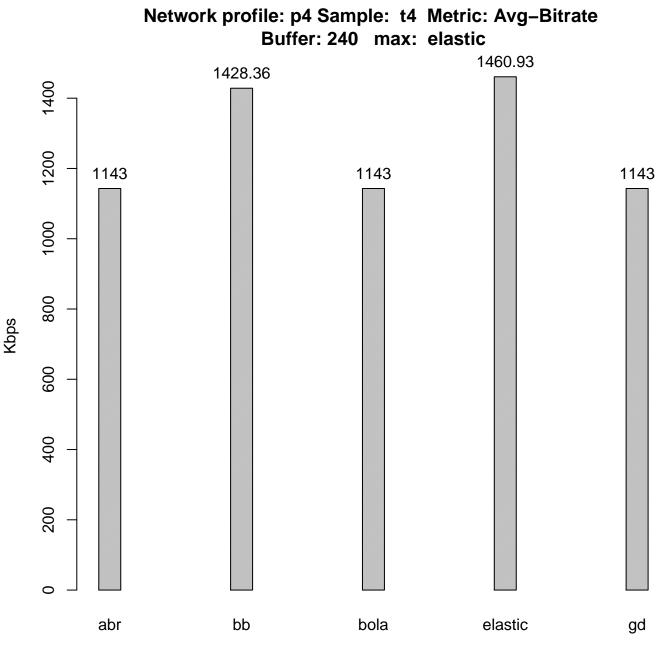


Network profile: p4 Sample: t3 Metric: Inefficiency
Buffer: 240 min: abr

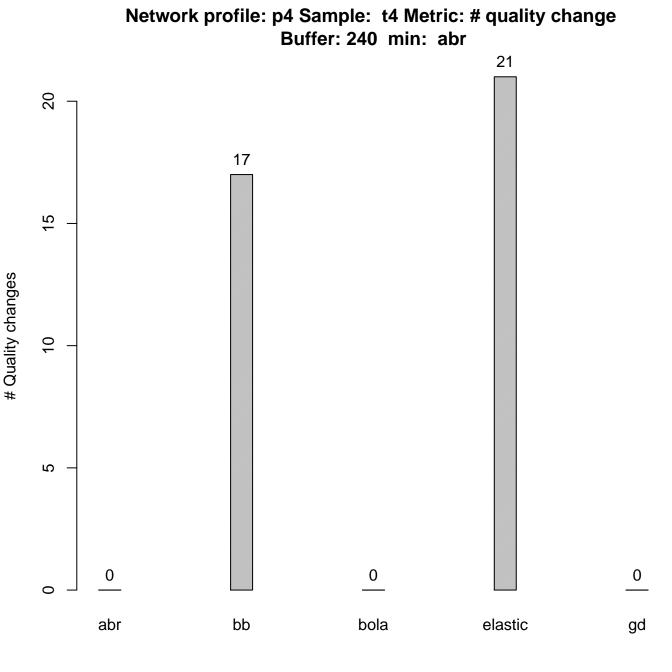
0.157801

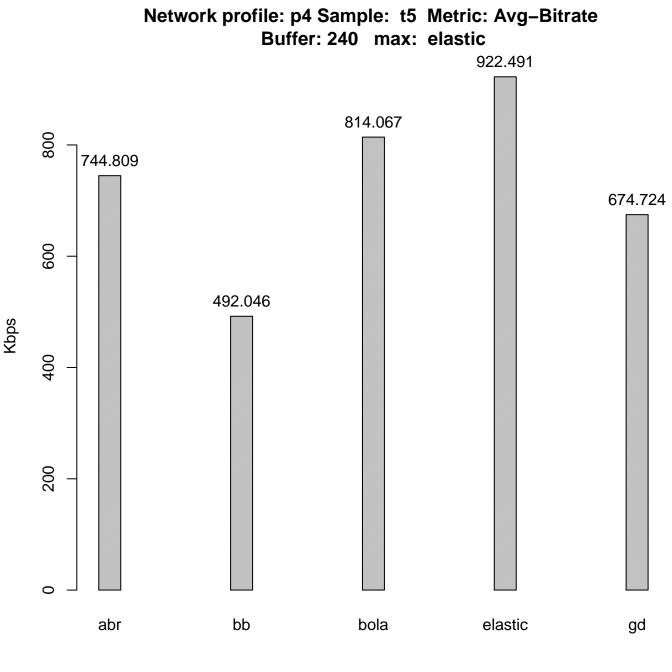


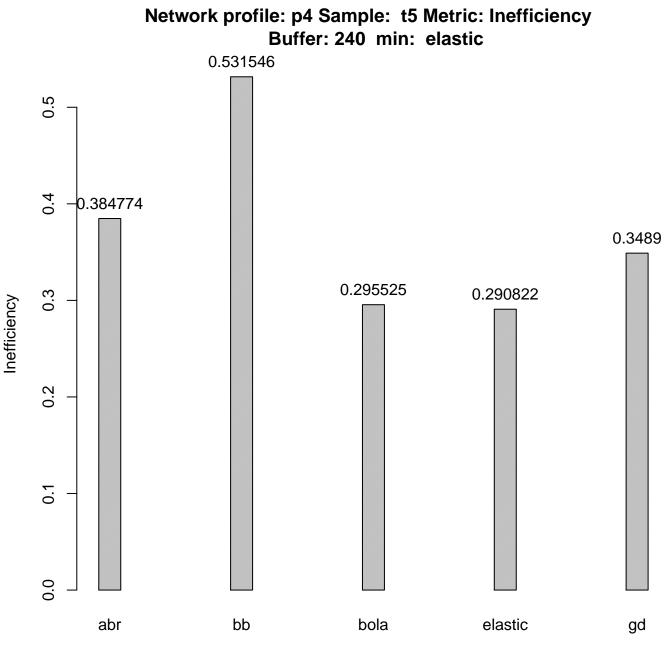
Network profile: p4 Sample: t3 Metric: # quality change Buffer: 240 min: abr 59 50 4 # Quality changes 33 30 20 20 10 elastic abr bb bola gd

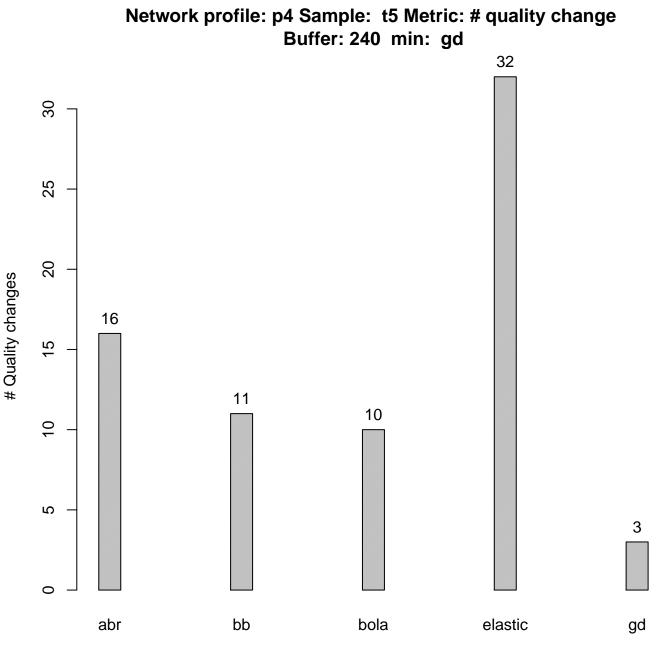


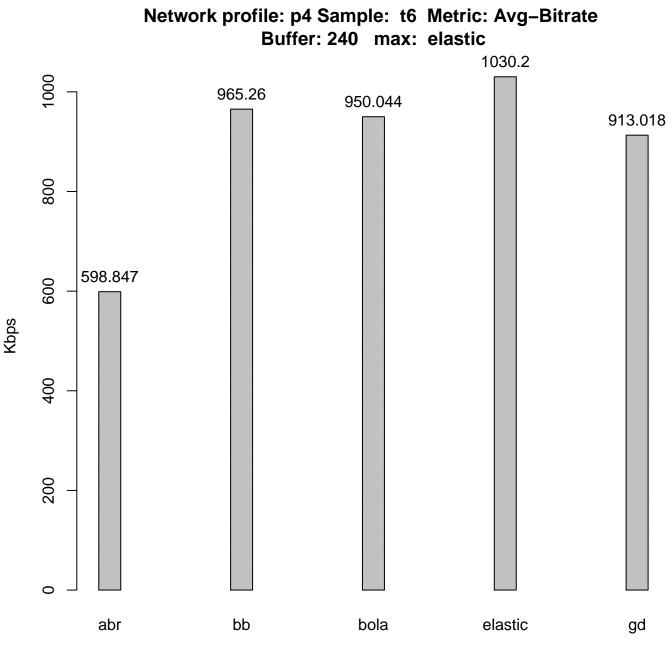
Network profile: p4 Sample: t4 Metric: Inefficiency Buffer: 240 min: elastic 0.129197 0.124582 0.115572 0.114813 0.10852 0.10 0.08 Inefficiency 90.0 0.04 0.02 bb bola elastic abr gd



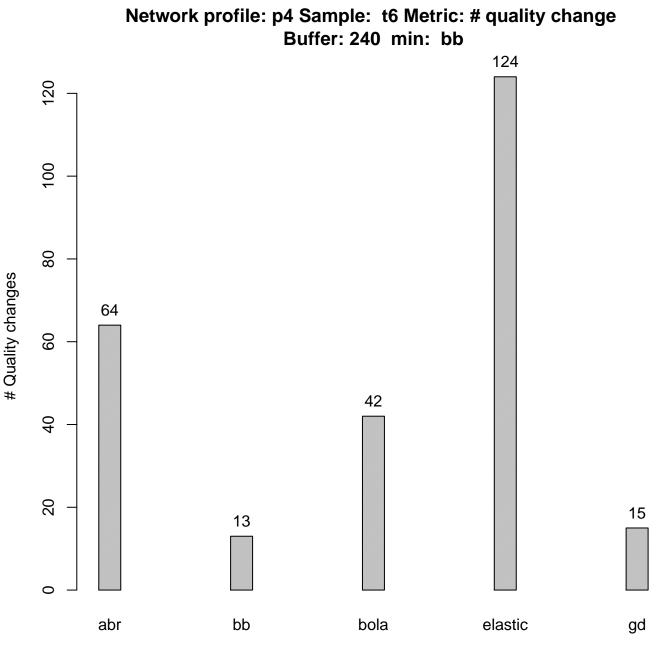


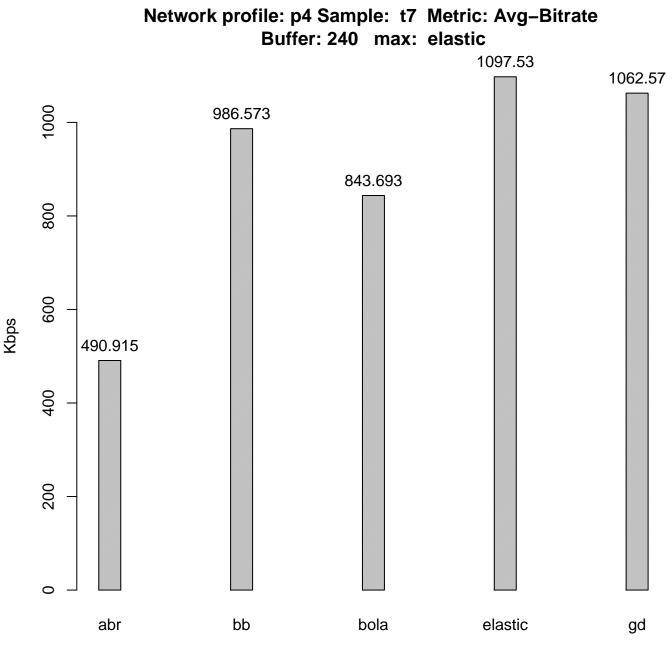






Network profile: p4 Sample: t6 Metric: Inefficiency Buffer: 240 min: elastic 0.434046 0.370689 0.361777 0.292626 Inefficiency 0.220278 bb bola elastic abr gd





Network profile: p4 Sample: t7 Metric: Inefficiency Buffer: 240 min: elastic 0.418465 0.407699 0.379368 0.359406 0.286103 Inefficiency bb bola elastic abr gd

Network profile: p4 Sample: t7 Metric: # quality change Buffer: 240 min: bb 90 80 9 # Quality changes 48 4 24 20 10 elastic abr bb bola gd