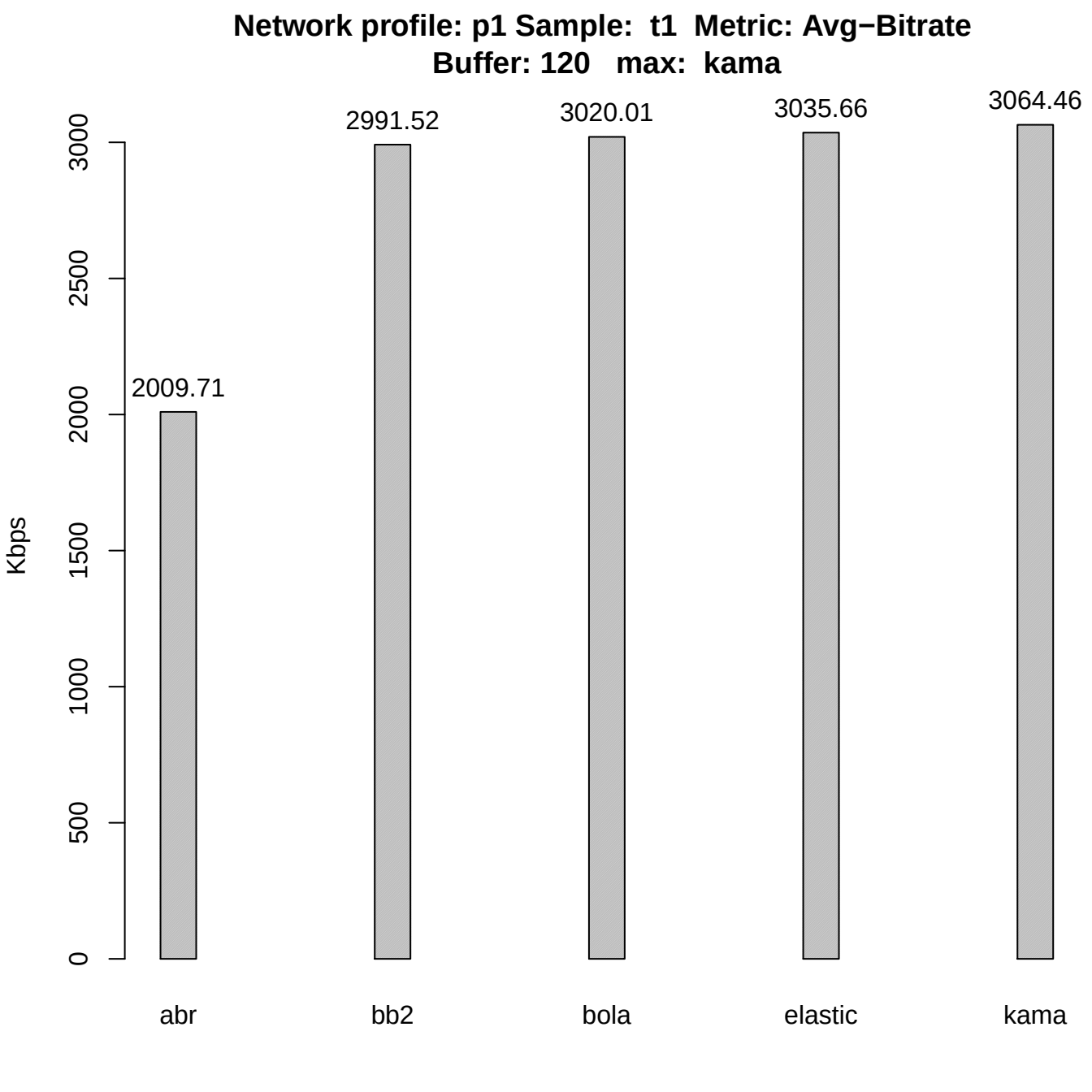
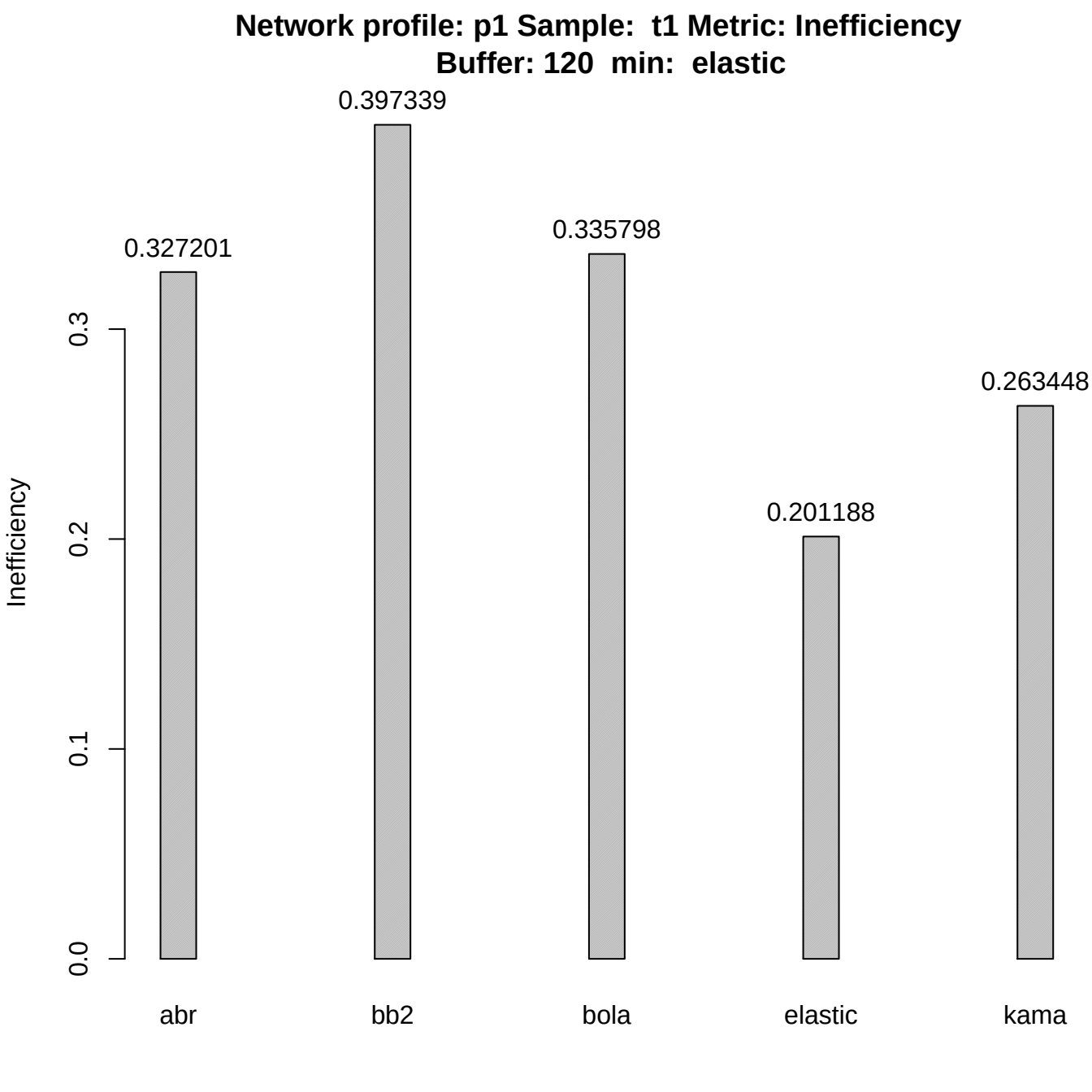
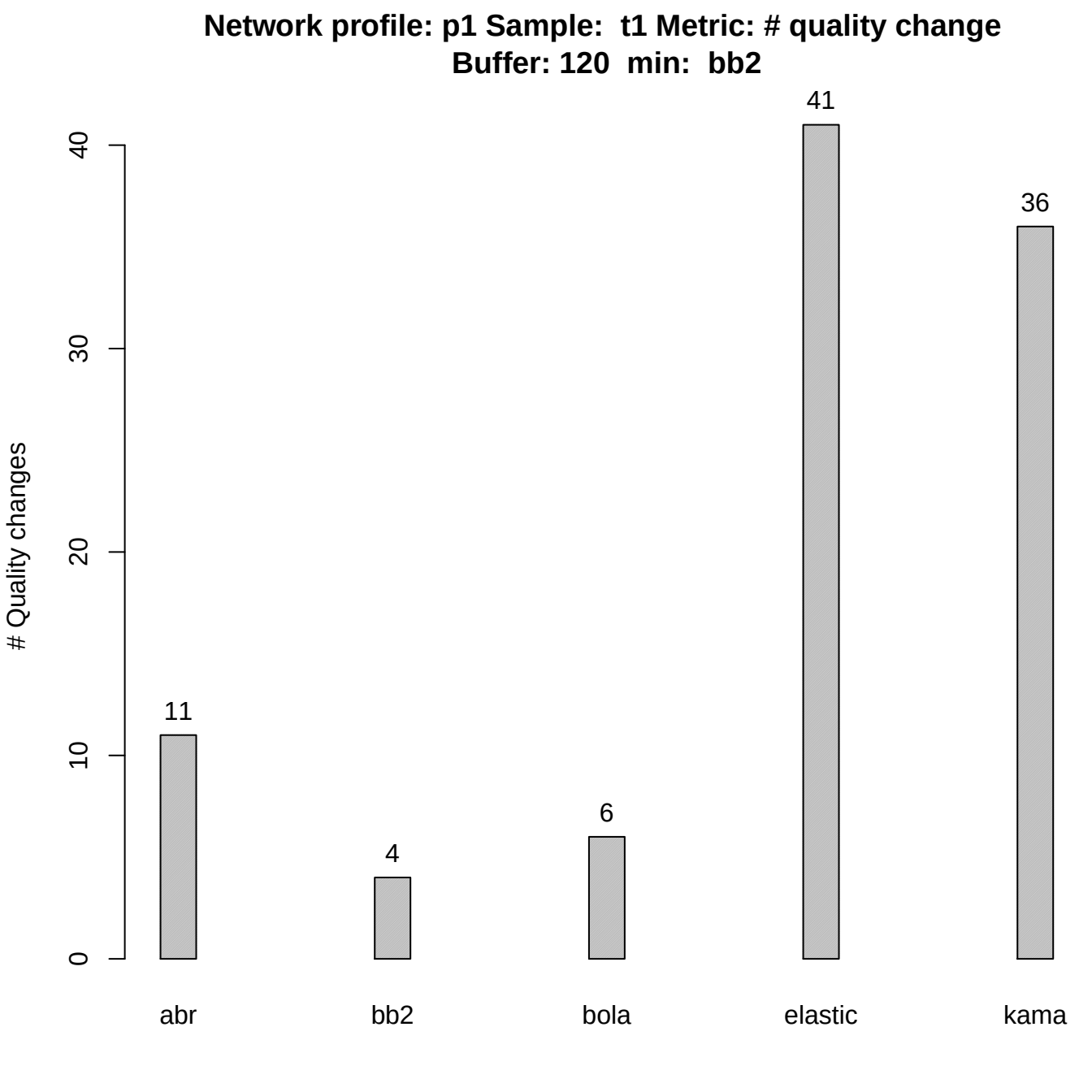
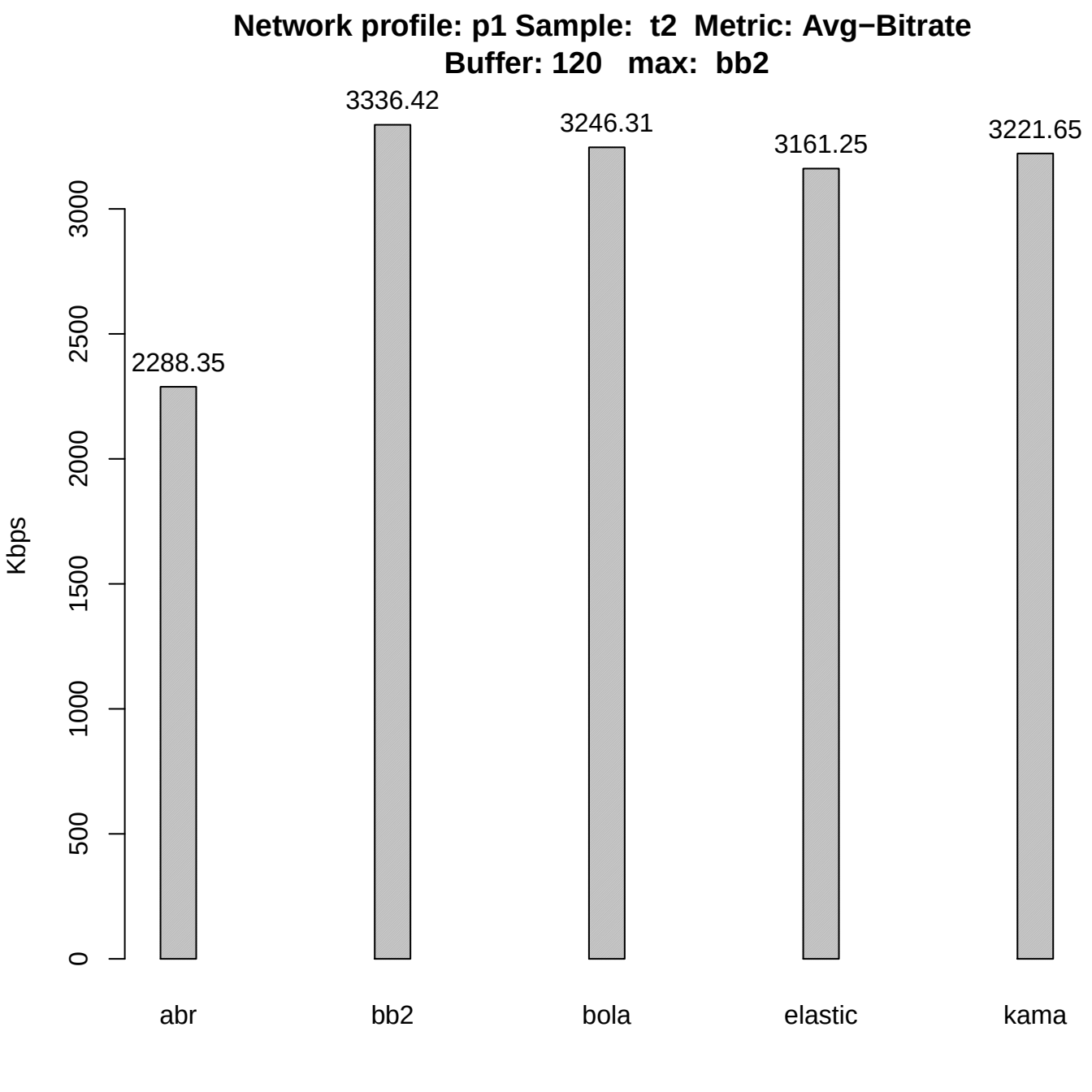
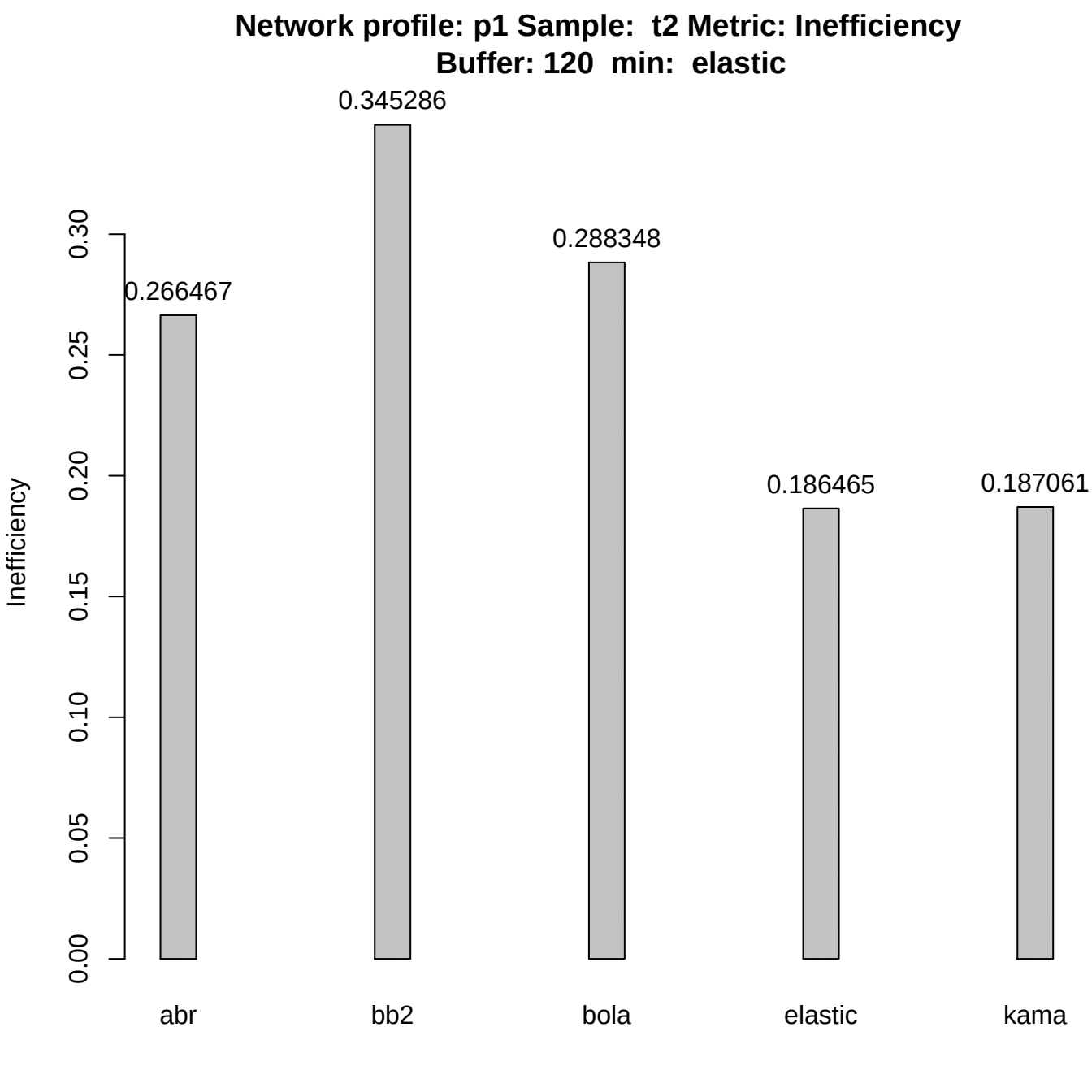
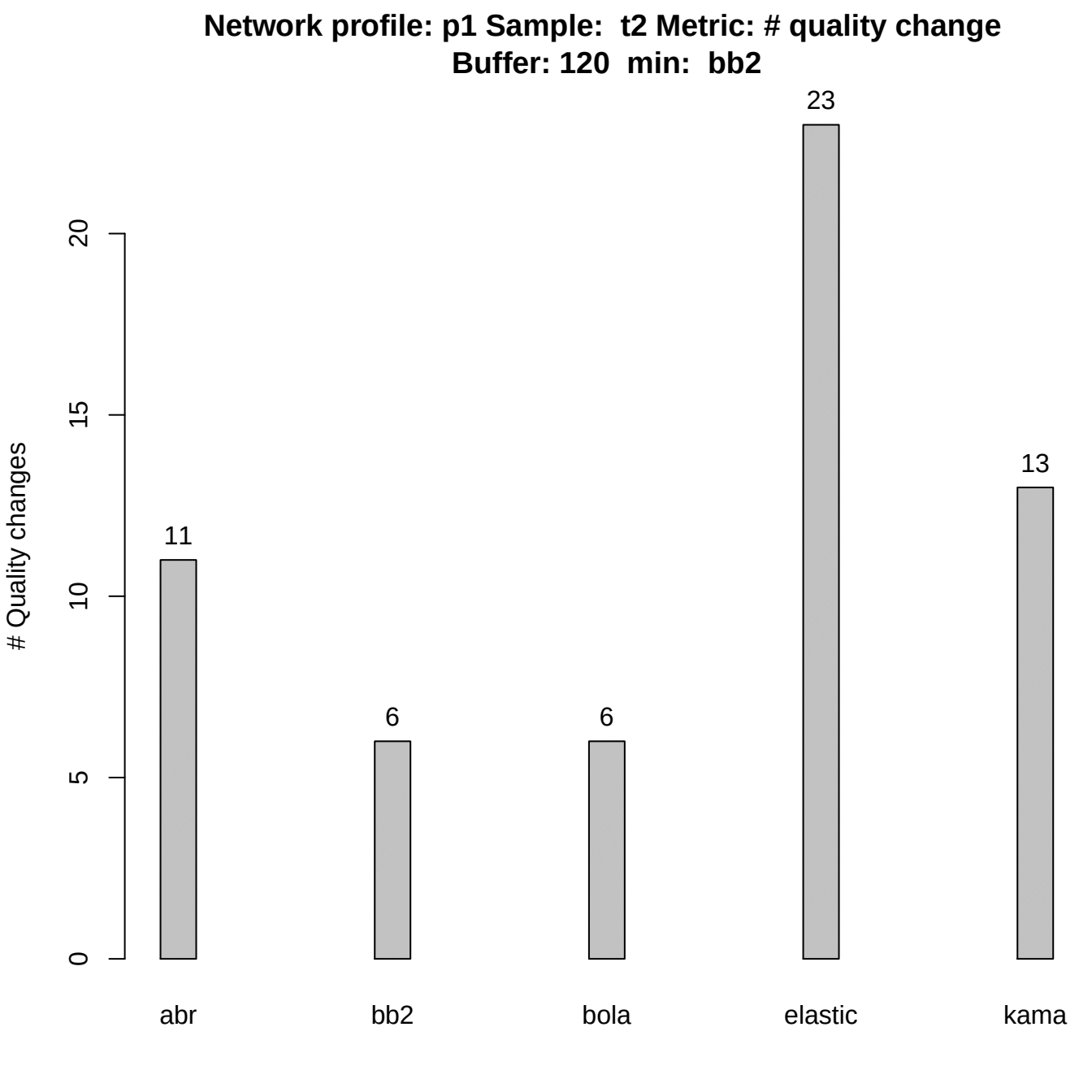

Network profile: p1 Sample: t1 Metric: Avg−Bitrate
Buffer: 120 max: kama
Kbps
0
500
1000
1500
2000
2500
3000
2009.71
2991.52
3020.01
3035.66
3064.46
abr
bb2
bola
elastic
kama

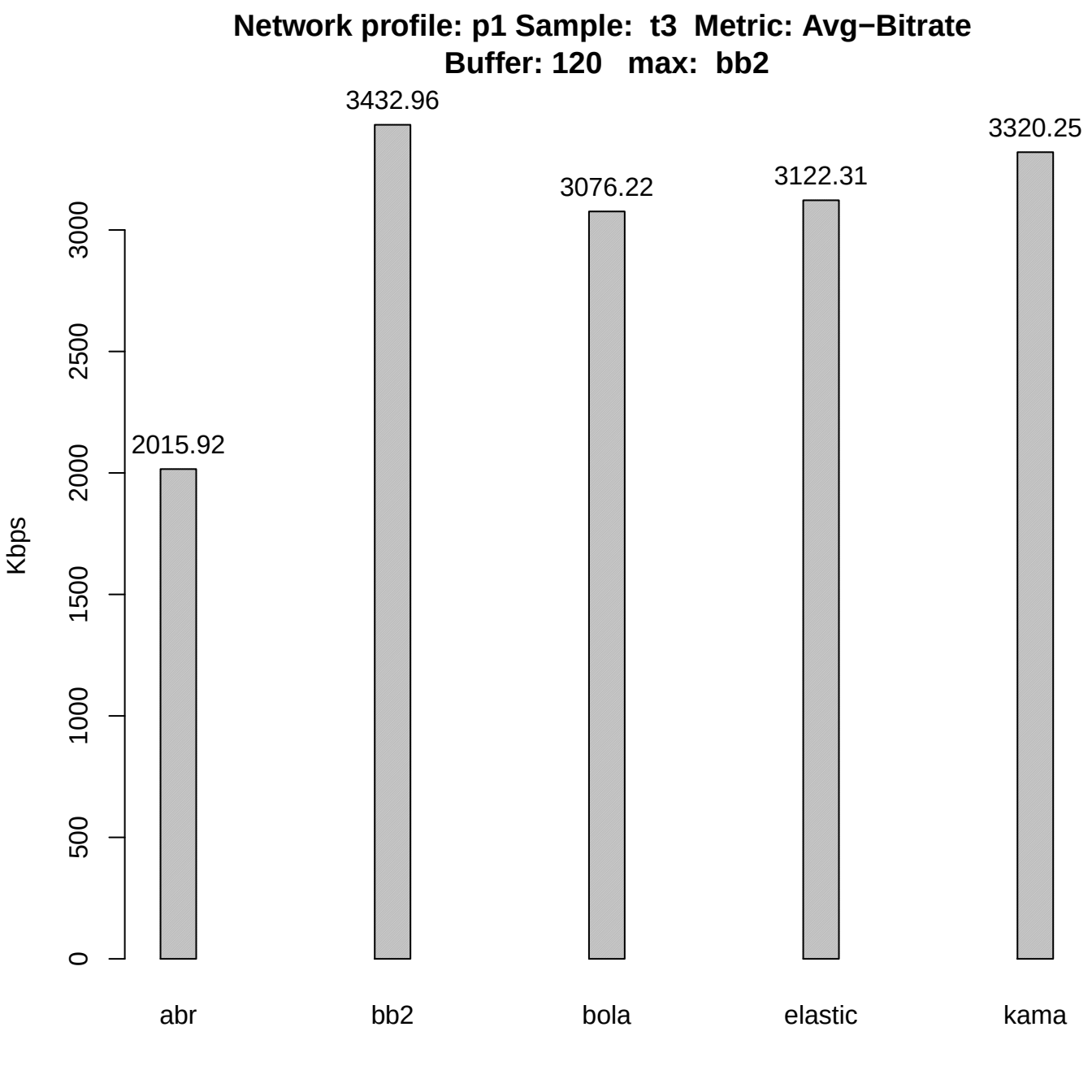

Network profile: p1 Sample: t1 Metric: Inefficiency
Buffer: 120 min: elastic
0.397339
0.335798
0.327201
0.263448
0.201188
Inefficiency
0.0
0.1
0.2
0.3
abr
bb2
bola
elastic
kama

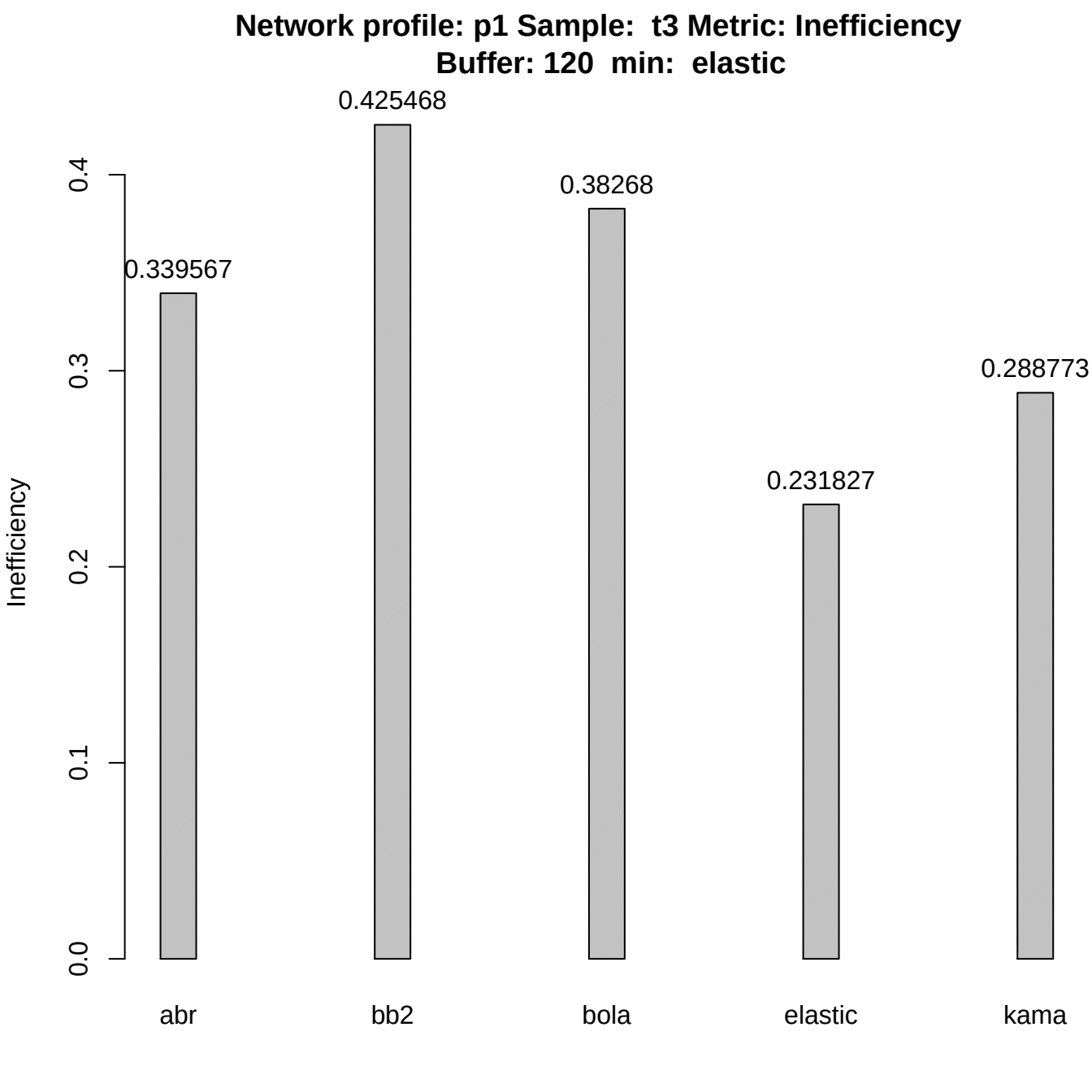

Network profile: p1 Sample: t1 Metric: # quality change
Buffer: 120 min: bb2
Quality changes
0
10
20
30
40
11
4
6
41
36
abr
bb2
bola
elastic
kama

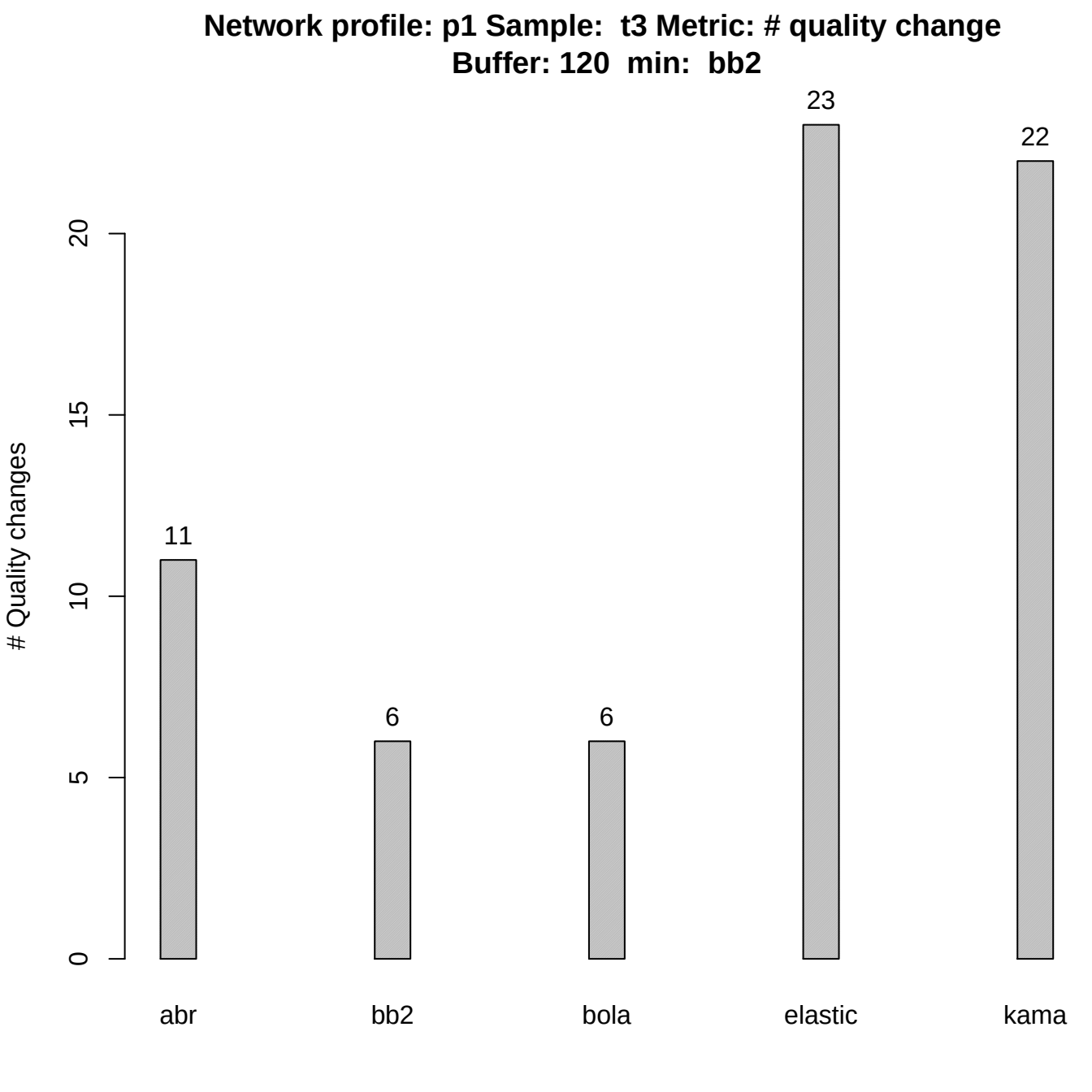

Network profile: p1 Sample: t2 Metric: Avg−Bitrate
Buffer: 120 max: bb2
Kbps
0
500
1000
1500
2000
2500
3000
2288.35
3336.42
3246.31
3161.25
3221.65
abr
bb2
bola
elastic
kama

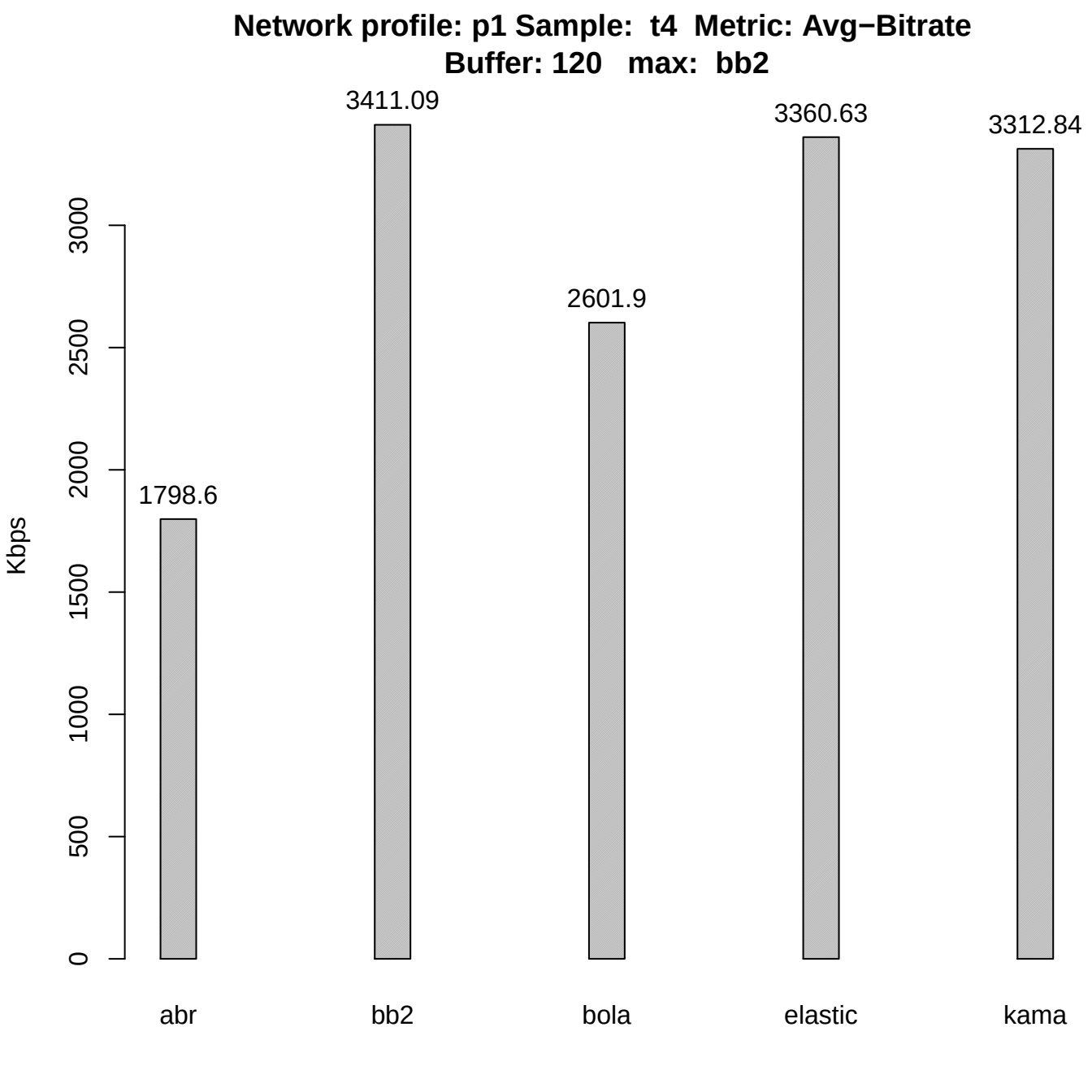

Network profile: p1 Sample: t2 Metric: Inefficiency
Buffer: 120 min: elastic
Inefficiency
0.00
0.05
0.10
0.15
0.20
0.25
0.30
0.266467
0.345286
0.288348
0.186465
0.187061
abr
bb2
bola
elastic
kama

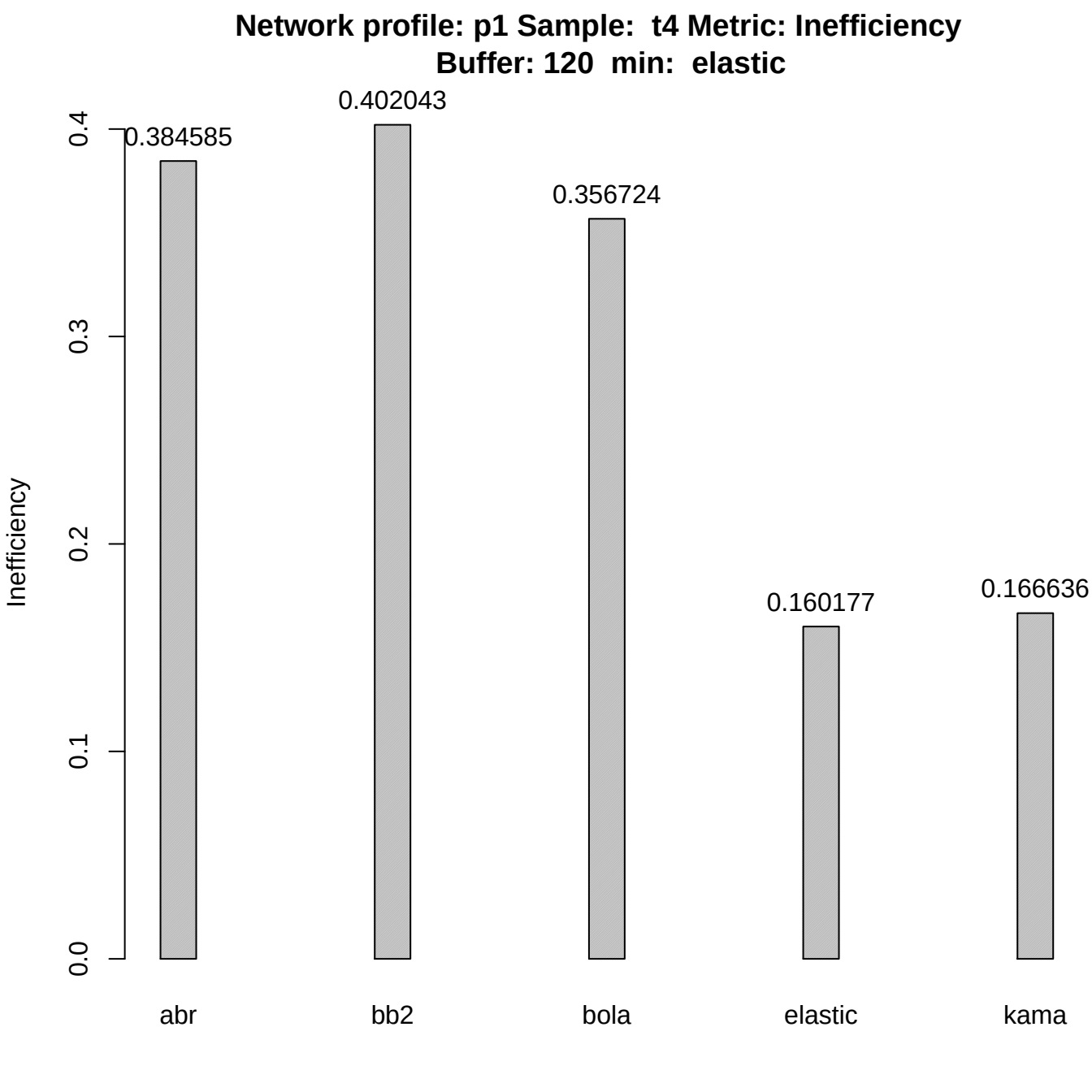

Network profile: p1 Sample: t2 Metric: # quality change
Buffer: 120 min: bb2
Quality changes
0
5
10
15
20
11
6
6
23
13
abr
bb2
bola
elastic
kama

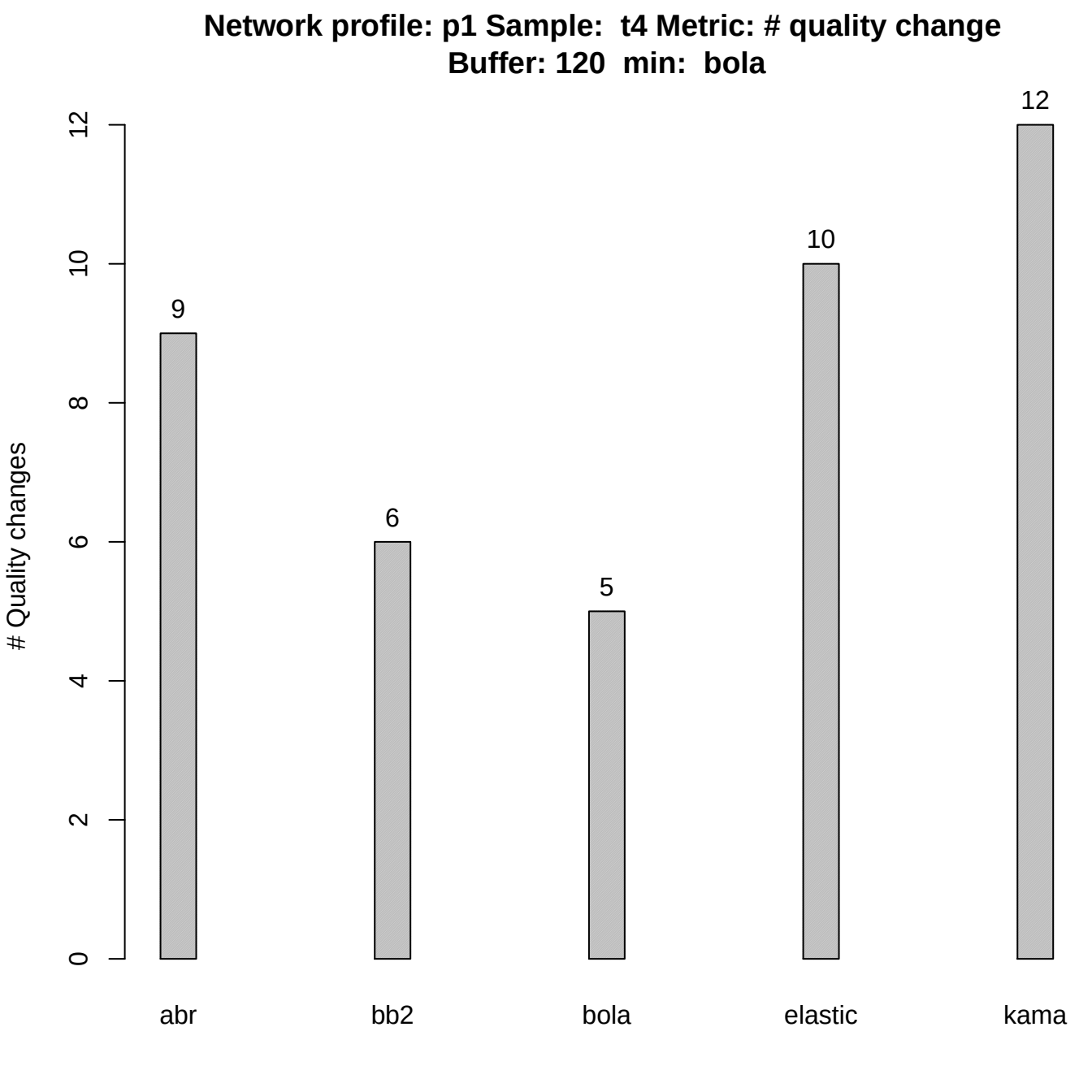

Network profile: p1 Sample: t3 Metric: Avg−Bitrate
Buffer: 120 max: bb2
Kbps
0
500
1000
1500
2000
2500
3000
2015.92
3432.96
3076.22
3122.31
3320.25
abr
bb2
bola
elastic
kama

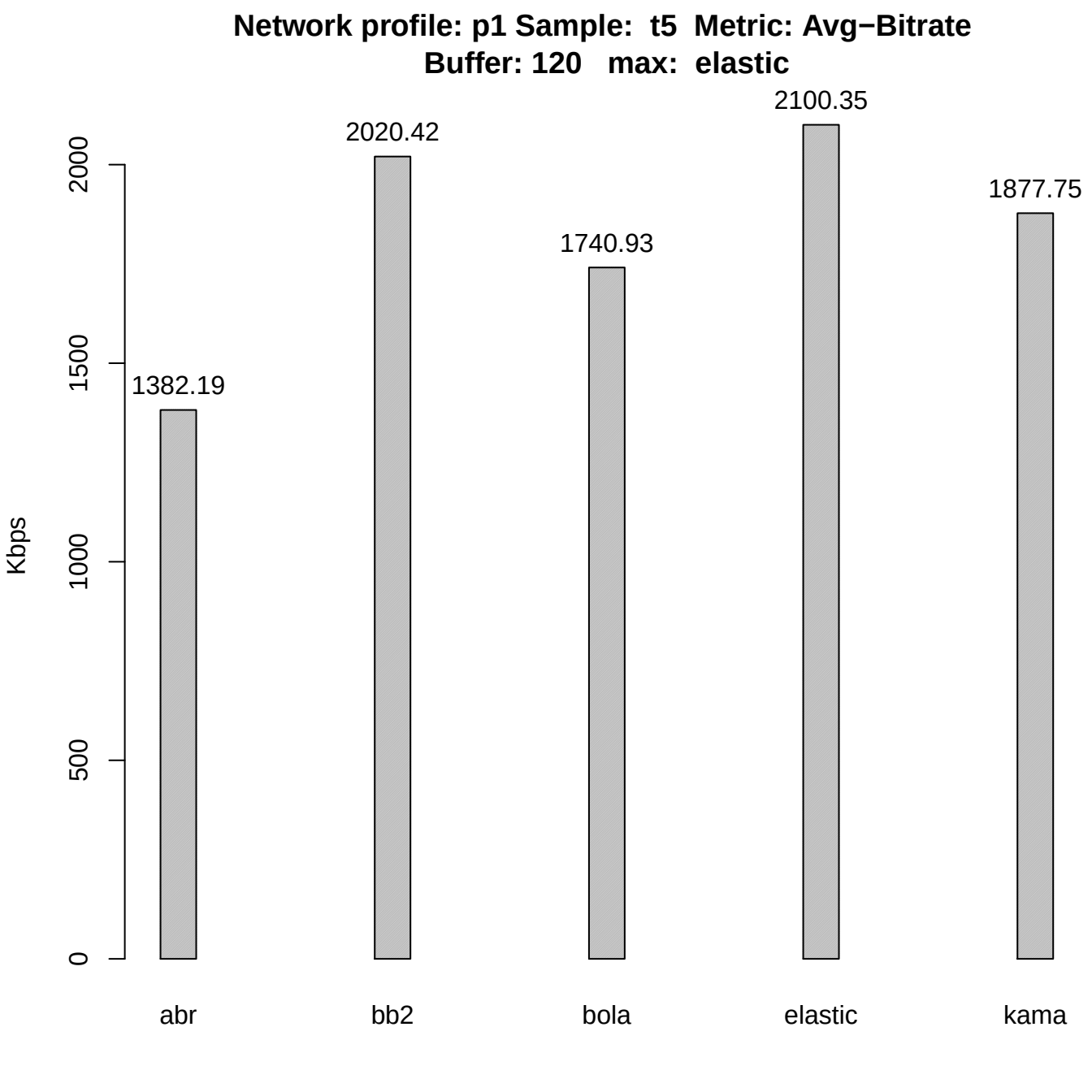

Network profile: p1 Sample: t3 Metric: Inefficiency
Buffer: 120 min: elastic
Inefficiency
0.0
0.1
0.2
0.3
0.4
0.339567
0.425468
0.38268
0.231827
0.288773
abr
bb2
bola
elastic
kama

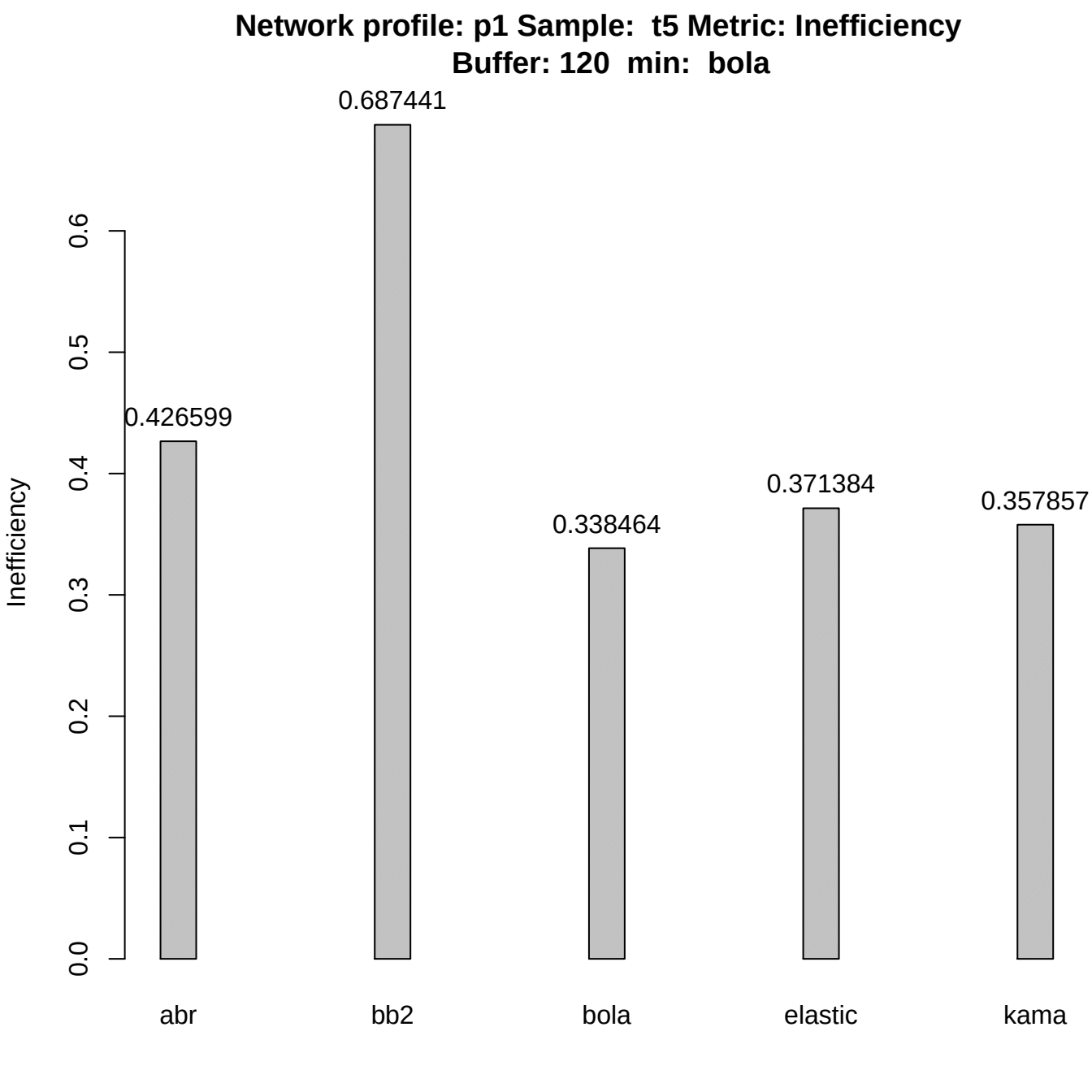

Network profile: p1 Sample: t3 Metric: # quality change
Buffer: 120 min: bb2
Quality changes
0
5
10
15
20
11
6
6
23
22
abr
bb2
bola
elastic
kama

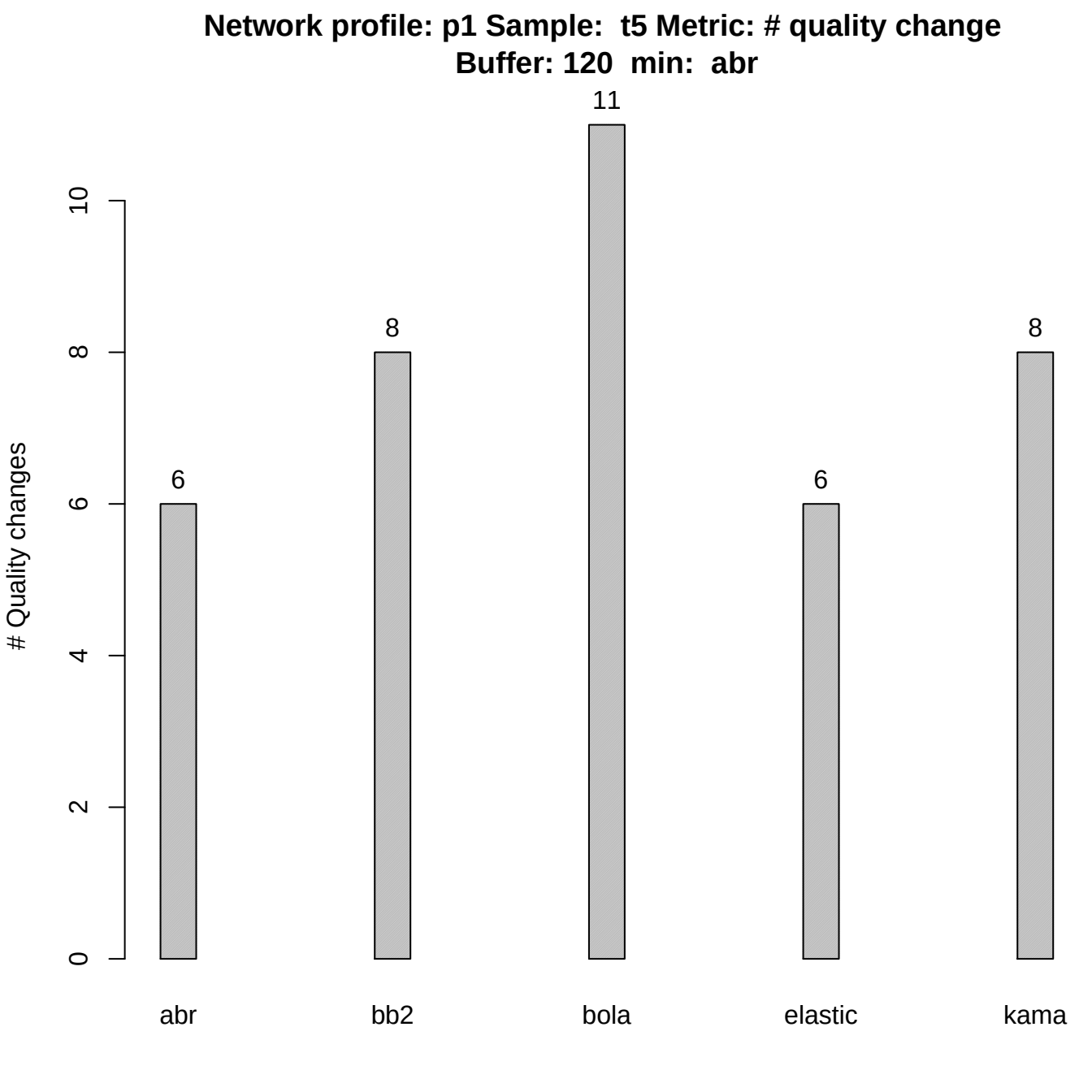

Network profile: p1 Sample: t4 Metric: Avg−Bitrate
Buffer: 120 max: bb2
Kbps
0
500
1000
1500
2000
2500
3000
1798.6
3411.09
2601.9
3360.63
3312.84
abr
bb2
bola
elastic
kama

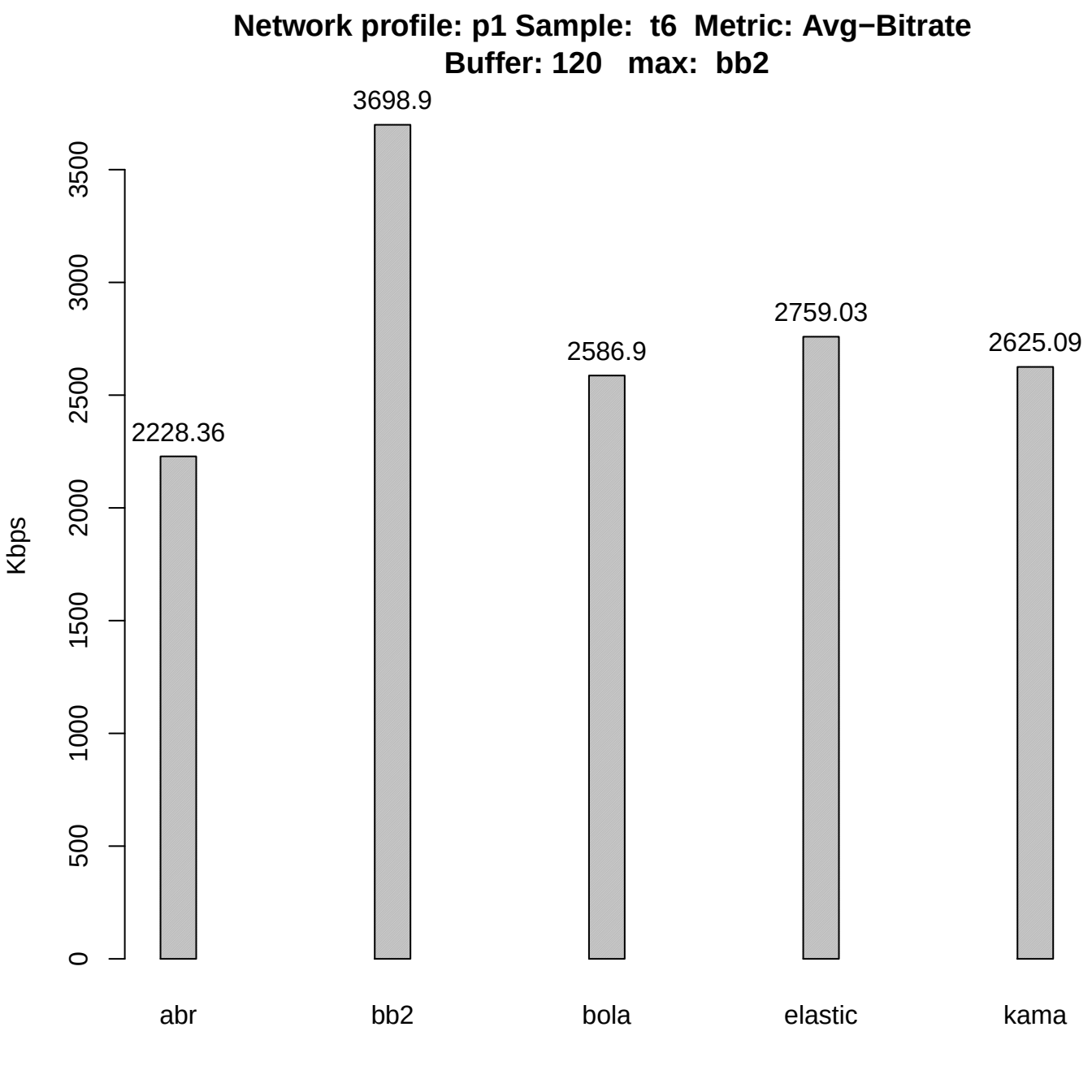

Network profile: p1 Sample: t4 Metric: Inefficiency
Buffer: 120 min: elastic
Inefficiency
0.0
0.1
0.2
0.3
0.4
0.384585
0.402043
0.356724
0.160177
0.166636
abr
bb2
bola
elastic
kama

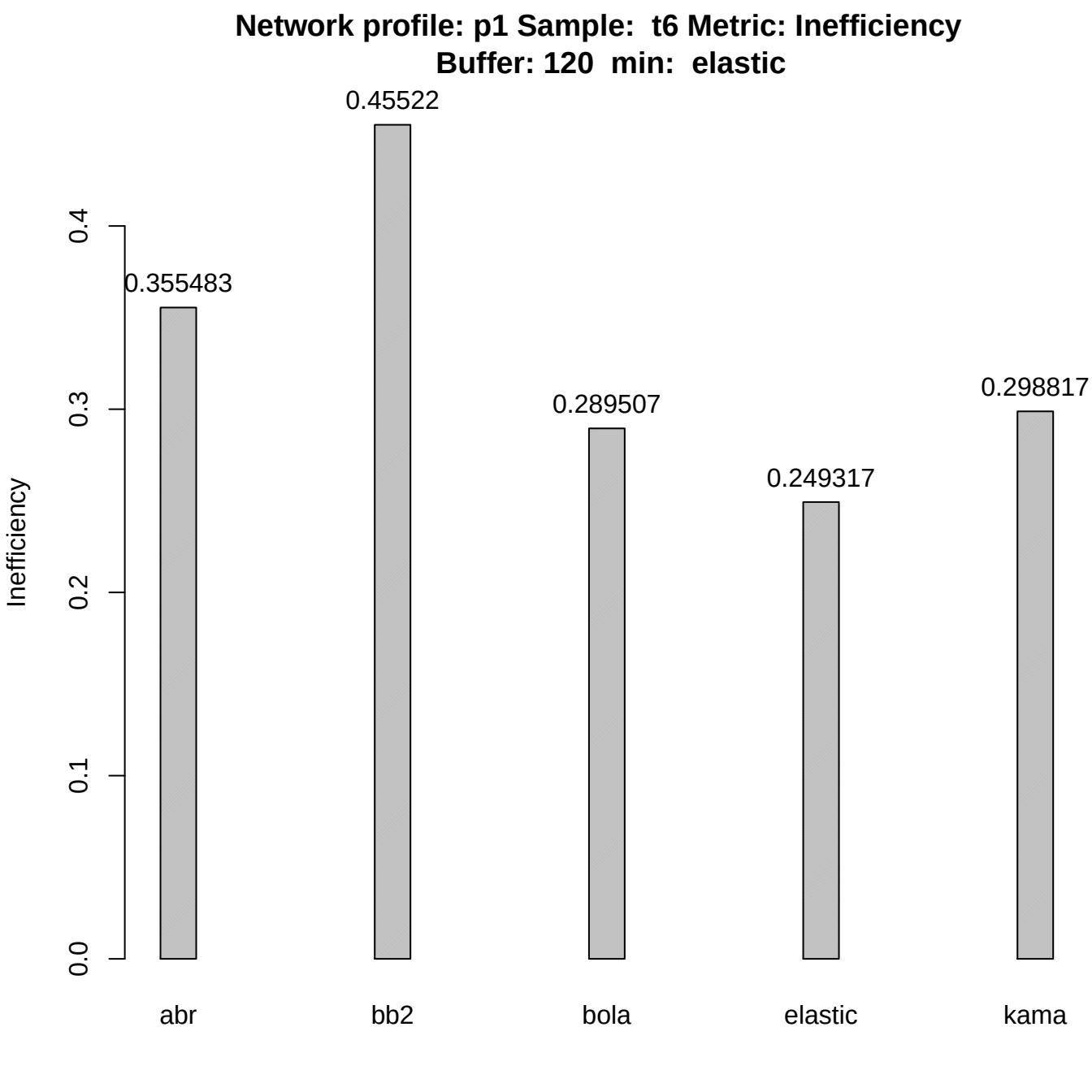

Network profile: p1 Sample: t4 Metric: # quality change
Buffer: 120 min: bola
Quality changes
0
2
4
6
8
10
12
9
6
5
10
12
abr
bb2
bola
elastic
kama

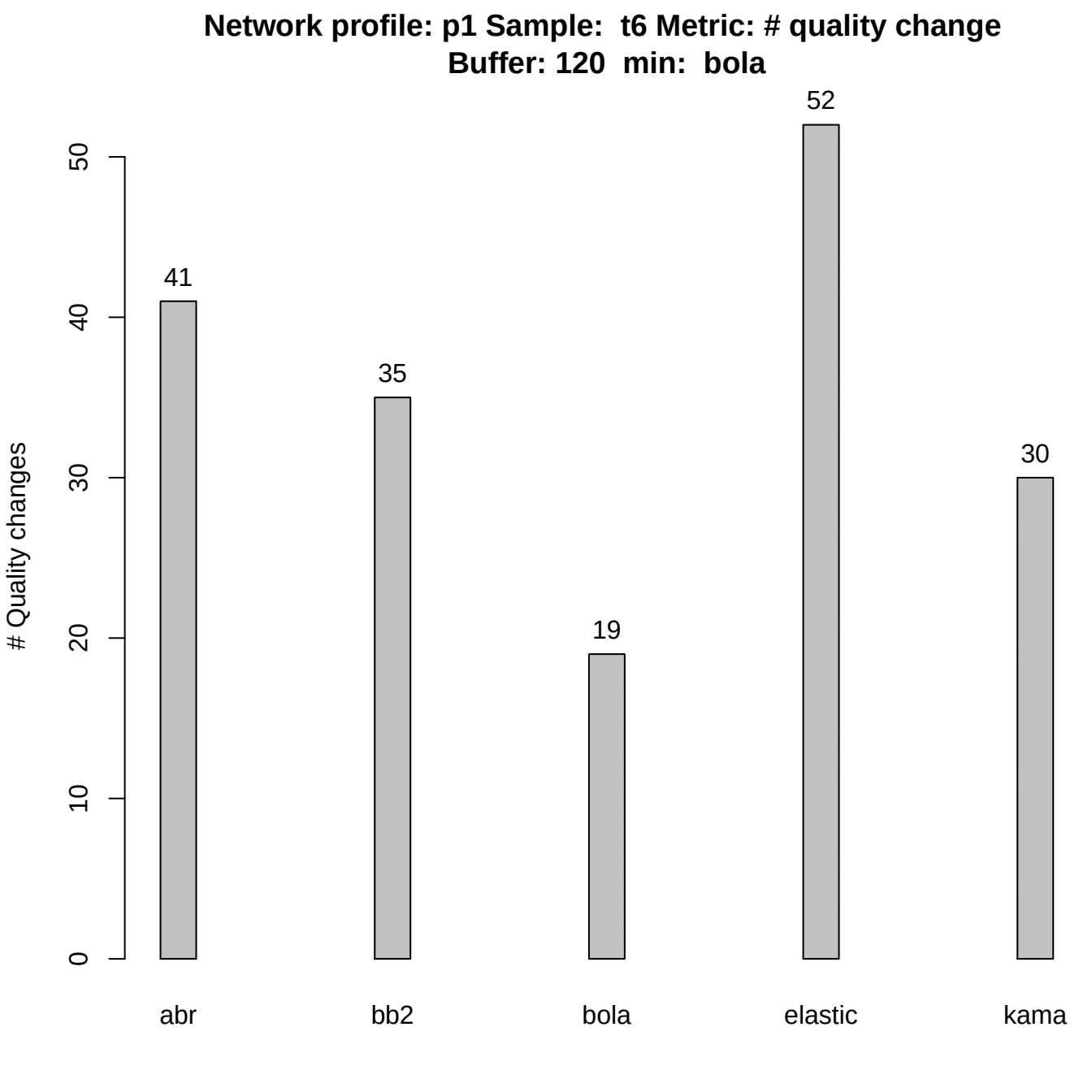

Network profile: p1 Sample: t5 Metric: Avg−Bitrate
Buffer: 120 max: elastic
Kbps
0
500
1000
1500
2000
1382.19
2020.42
1740.93
2100.35
1877.75
abr
bb2
bola
elastic
kama

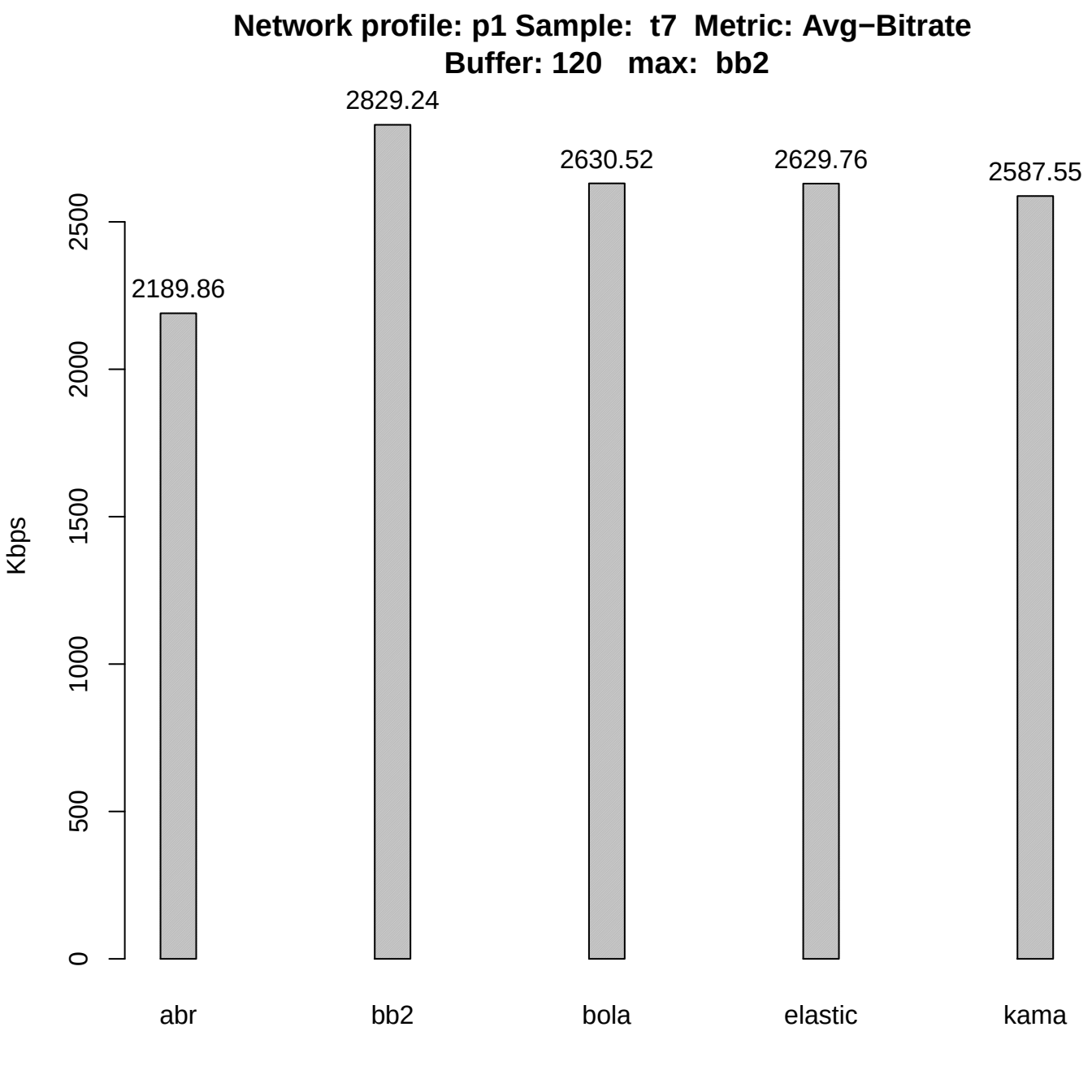

Network profile: p1 Sample: t5 Metric: Inefficiency
Buffer: 120 min: bola
Inefficiency
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.426599
0.687441
0.338464
0.371384
0.357857
abr
bb2
bola
elastic
kama

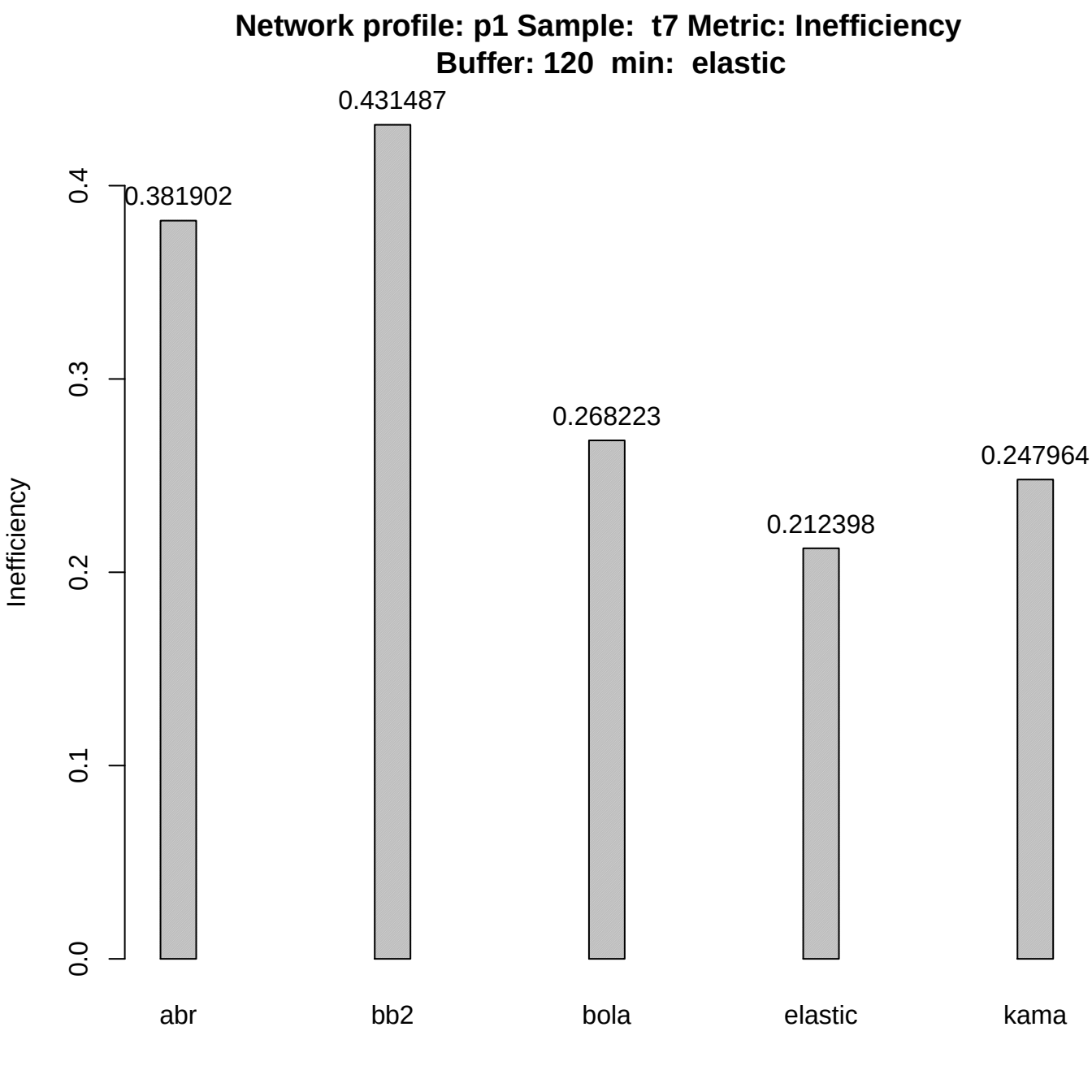

Network profile: p1 Sample: t5 Metric: # quality change
Buffer: 120 min: abr
Quality changes
0
2
4
6
8
10
6
8
11
6
8
abr
bb2
bola
elastic
kama

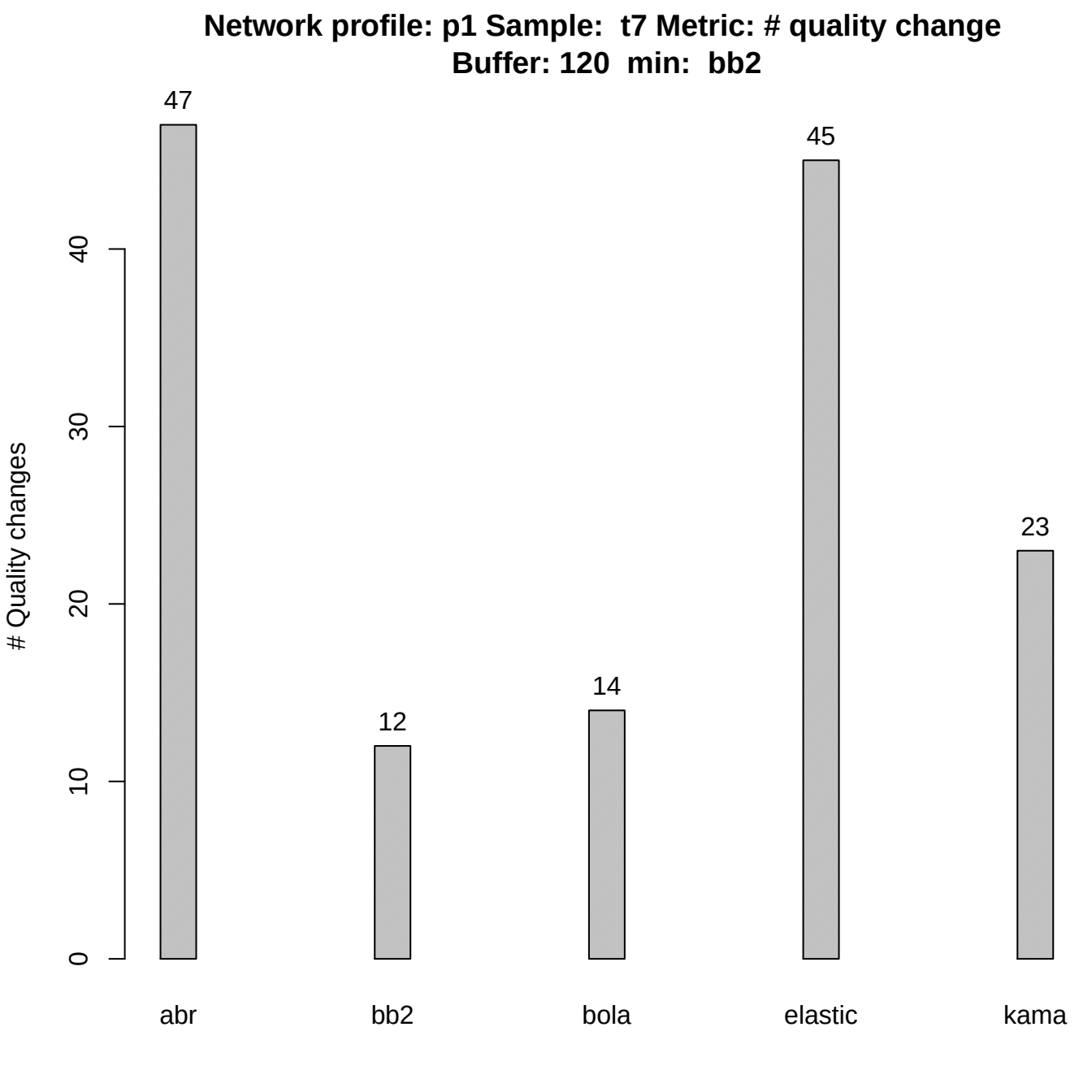

Network profile: p1 Sample: t6 Metric: Avg−Bitrate
Buffer: 120 max: bb2
Kbps
0
500
1000
1500
2000
2500
3000
3500
2228.36
3698.9
2586.9
2759.03
2625.09
abr
bb2
bola
elastic
kama

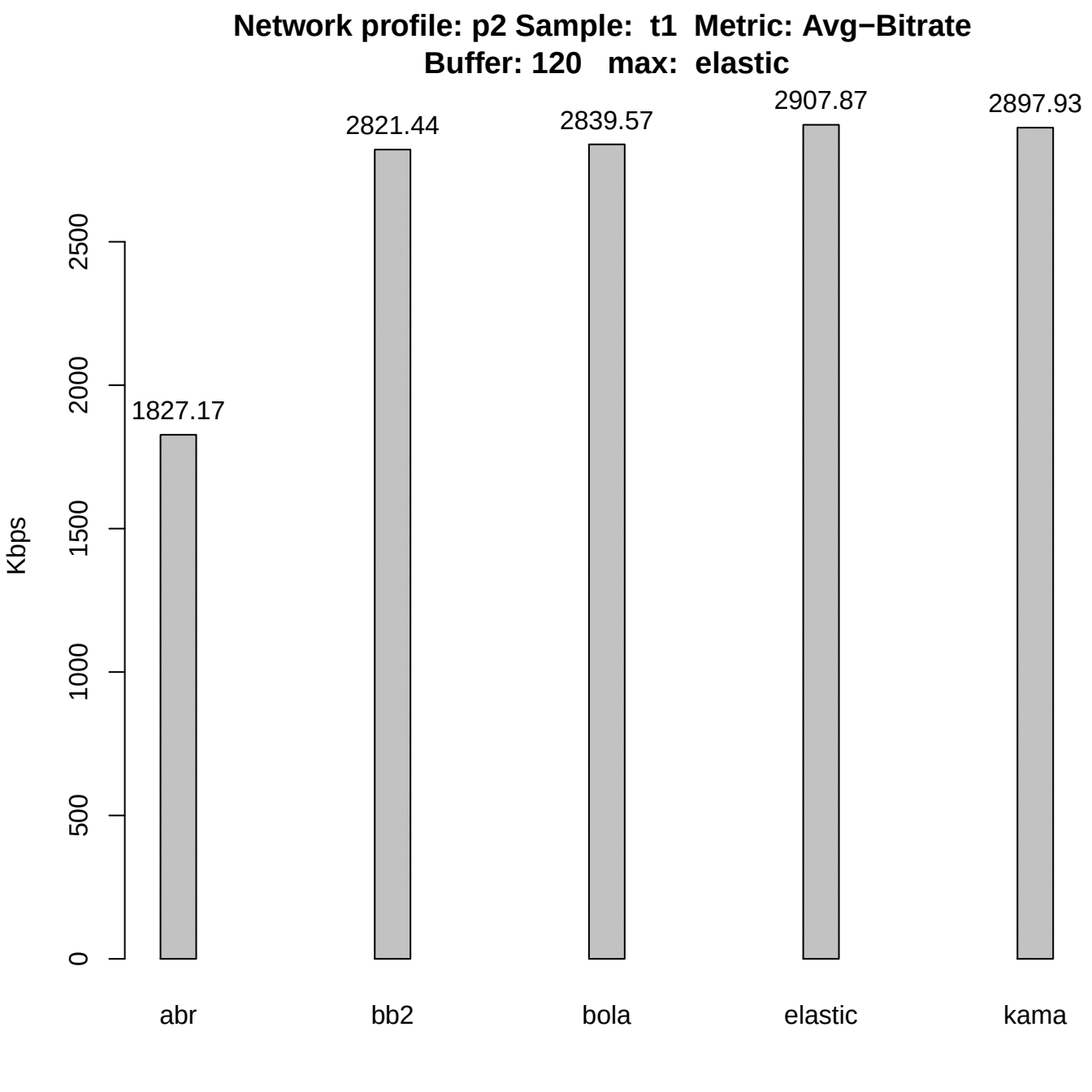

Network profile: p1 Sample: t6 Metric: Inefficiency
Buffer: 120 min: elastic
Inefficiency
0.0
0.1
0.2
0.3
0.4
0.355483
0.45522
0.289507
0.249317
0.298817
abr
bb2
bola
elastic
kama

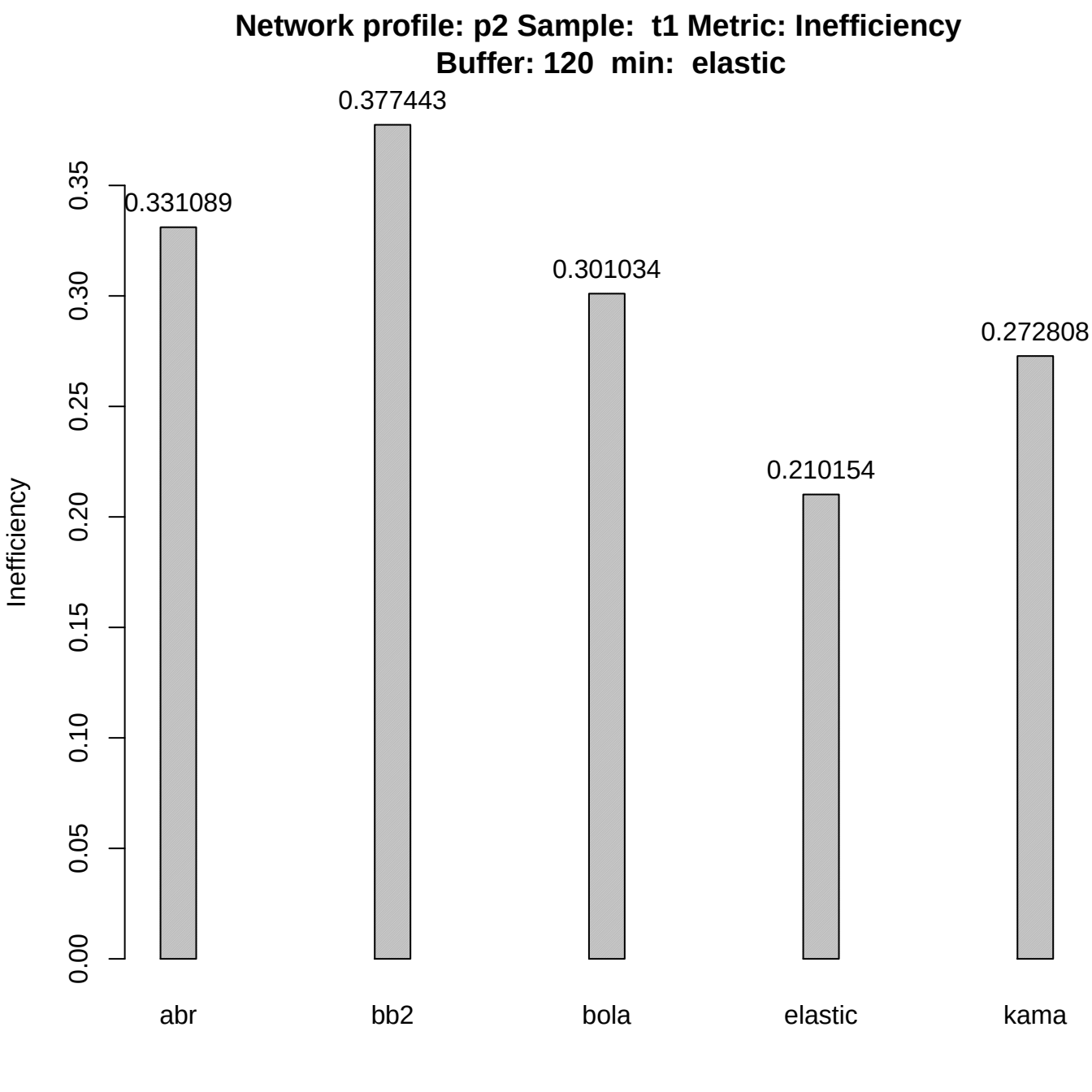

Network profile: p1 Sample: t6 Metric: # quality change
Buffer: 120 min: bola
Quality changes
0
10
20
30
40
50
41
35
19
52
30
abr
bb2
bola
elastic
kama

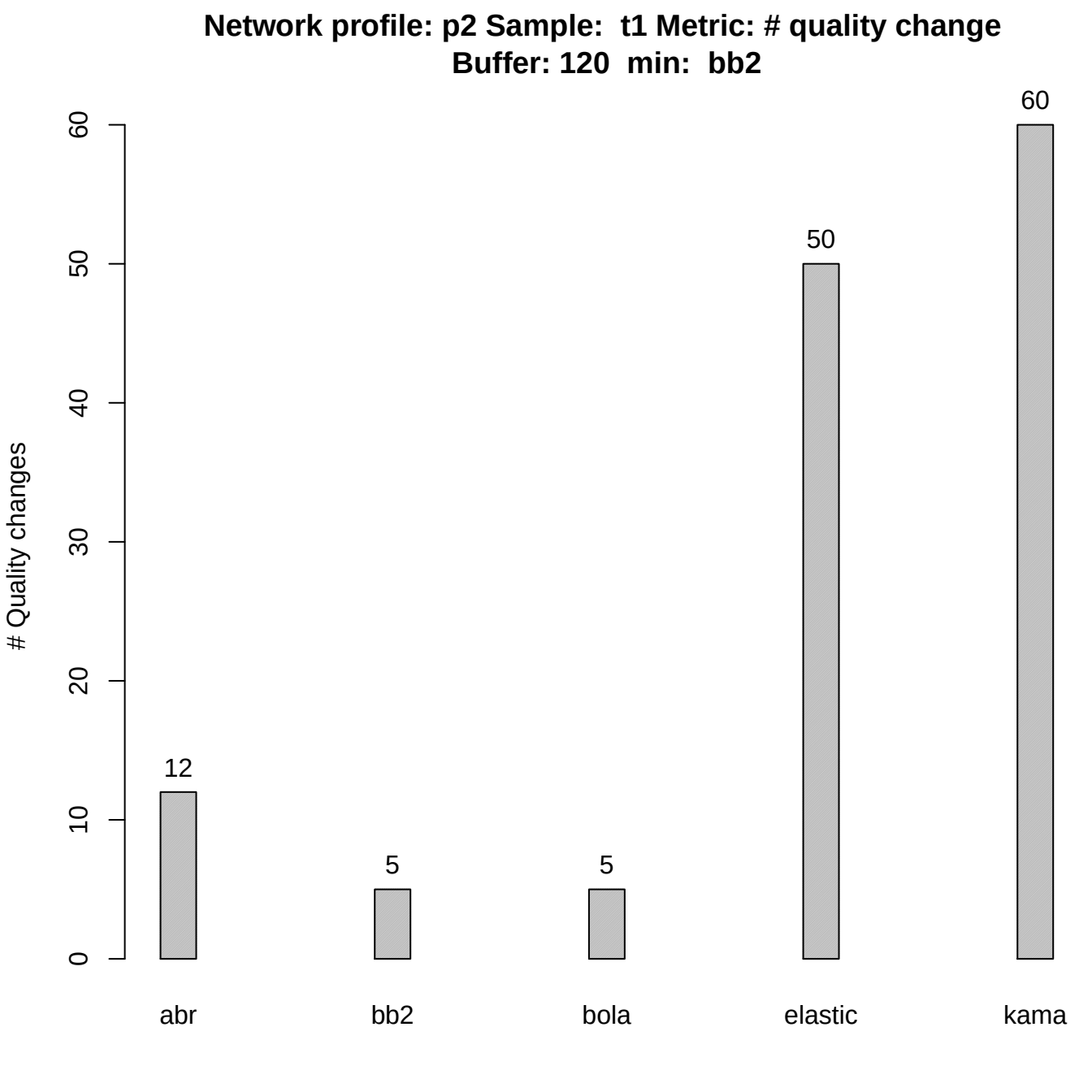

Network profile: p1 Sample: t7 Metric: Avg−Bitrate
Buffer: 120 max: bb2
Kbps
0
500
1000
1500
2000
2500
2189.86
2829.24
2630.52
2629.76
2587.55
abr
bb2
bola
elastic
kama

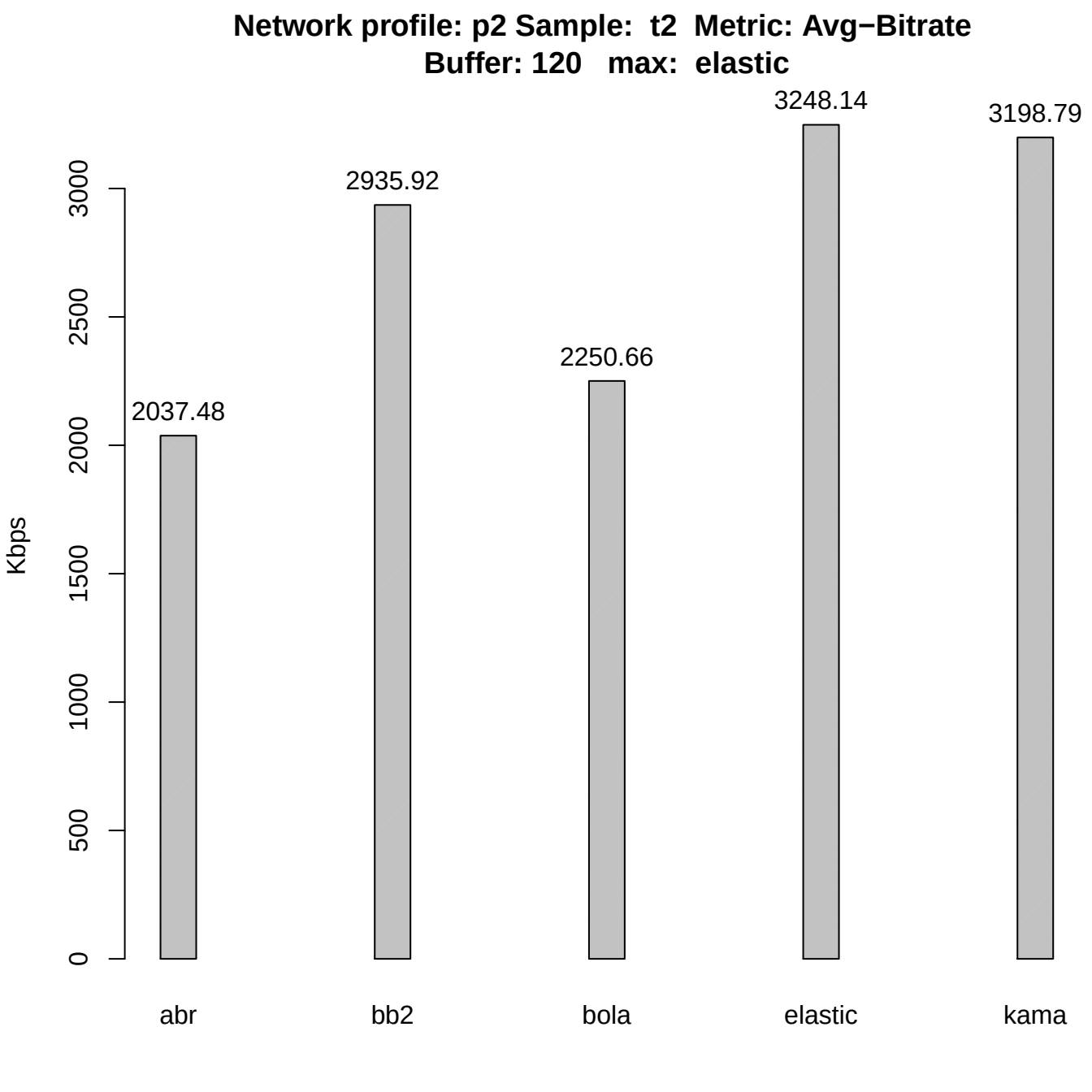

Network profile: p1 Sample: t7 Metric: Inefficiency
Buffer: 120 min: elastic
Inefficiency
0.0
0.1
0.2
0.3
0.4
0.381902
0.431487
0.268223
0.212398
0.247964
abr
bb2
bola
elastic
kama

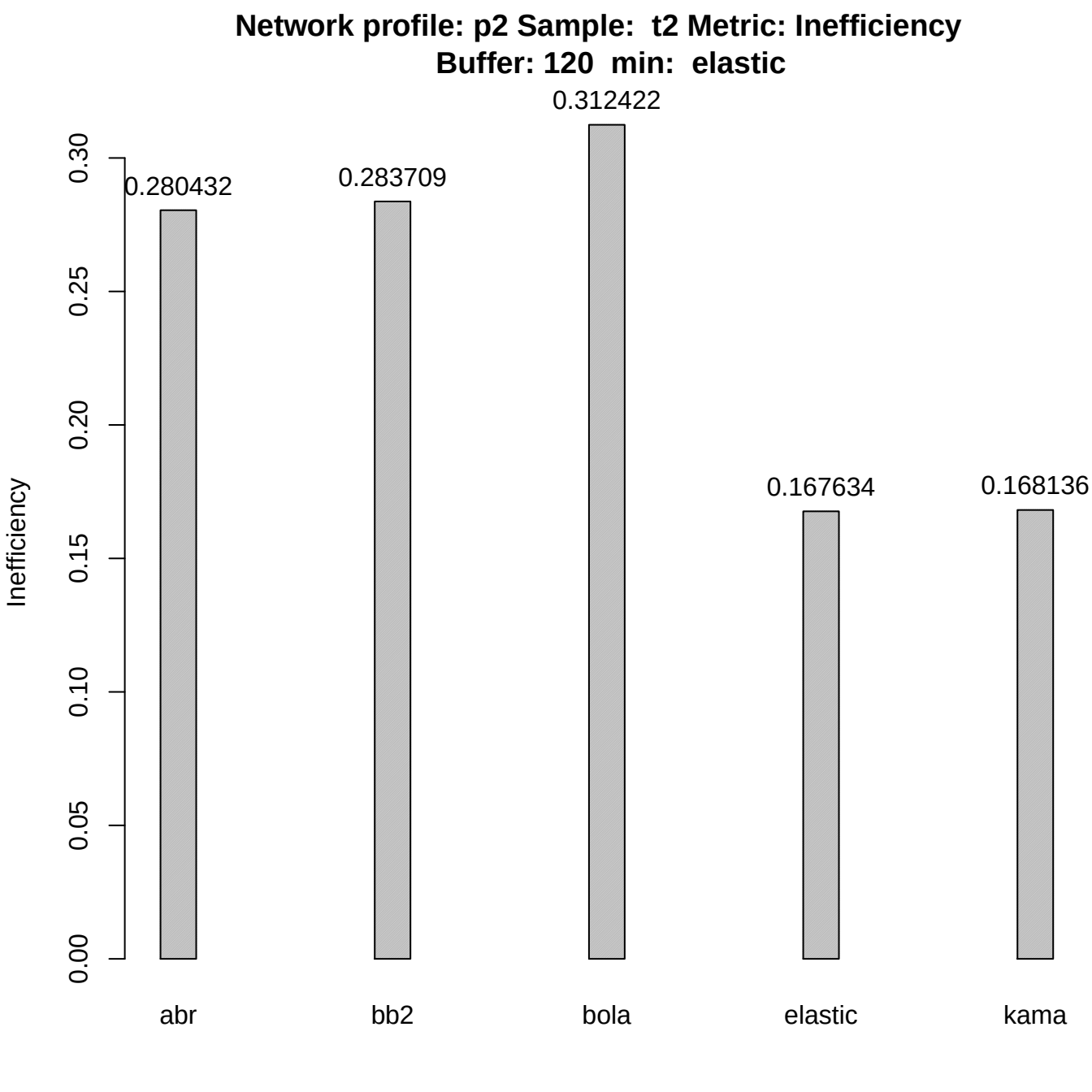

Network profile: p1 Sample: t7 Metric: # quality change
Buffer: 120 min: bb2
Quality changes
0
10
20
30
40
47
12
14
45
23
abr
bb2
bola
elastic
kama

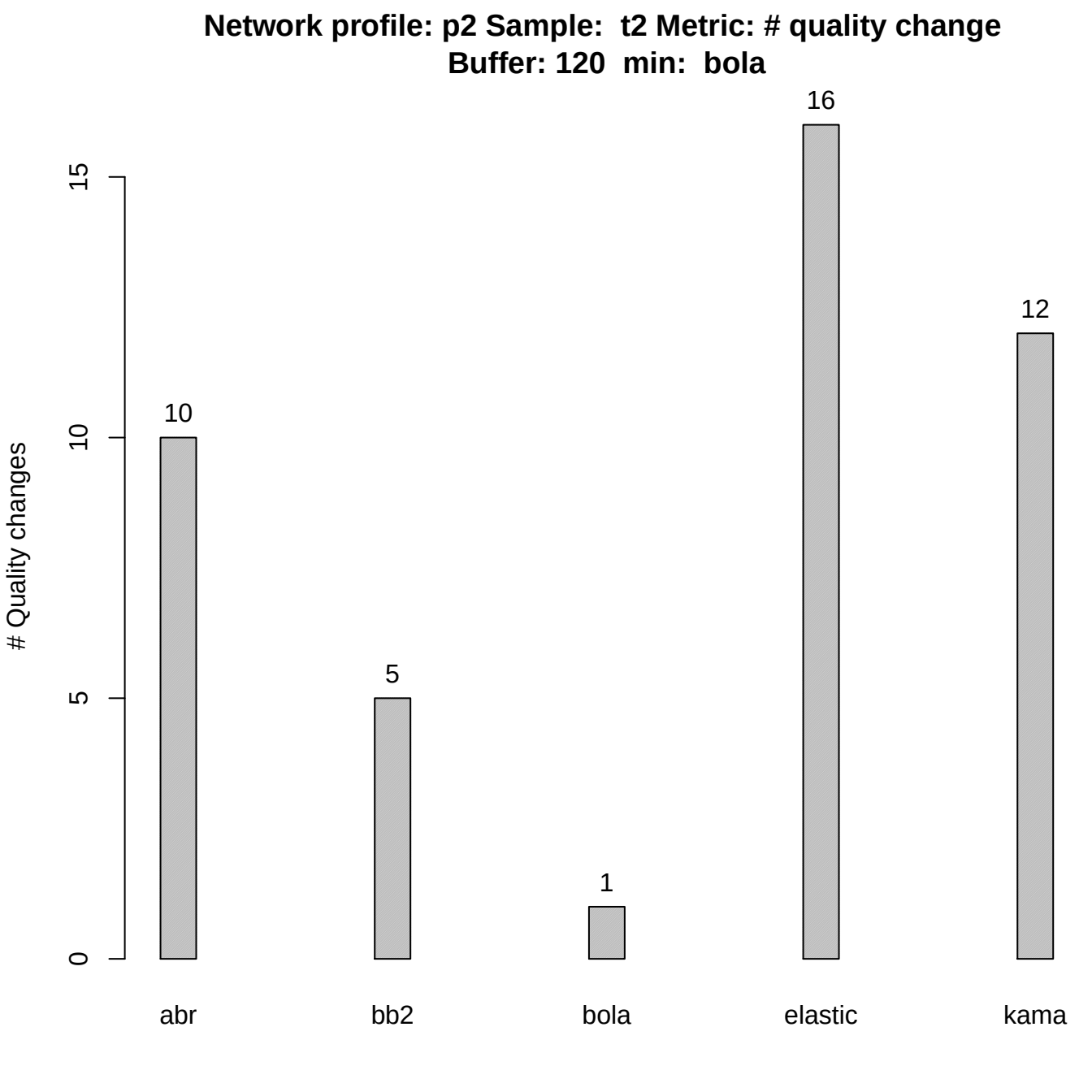

Network profile: p2 Sample: t1 Metric: Avg−Bitrate
Buffer: 120 max: elastic
Kbps
0
500
1000
1500
2000
2500
1827.17
2821.44
2839.57
2907.87
2897.93
abr
bb2
bola
elastic
kama

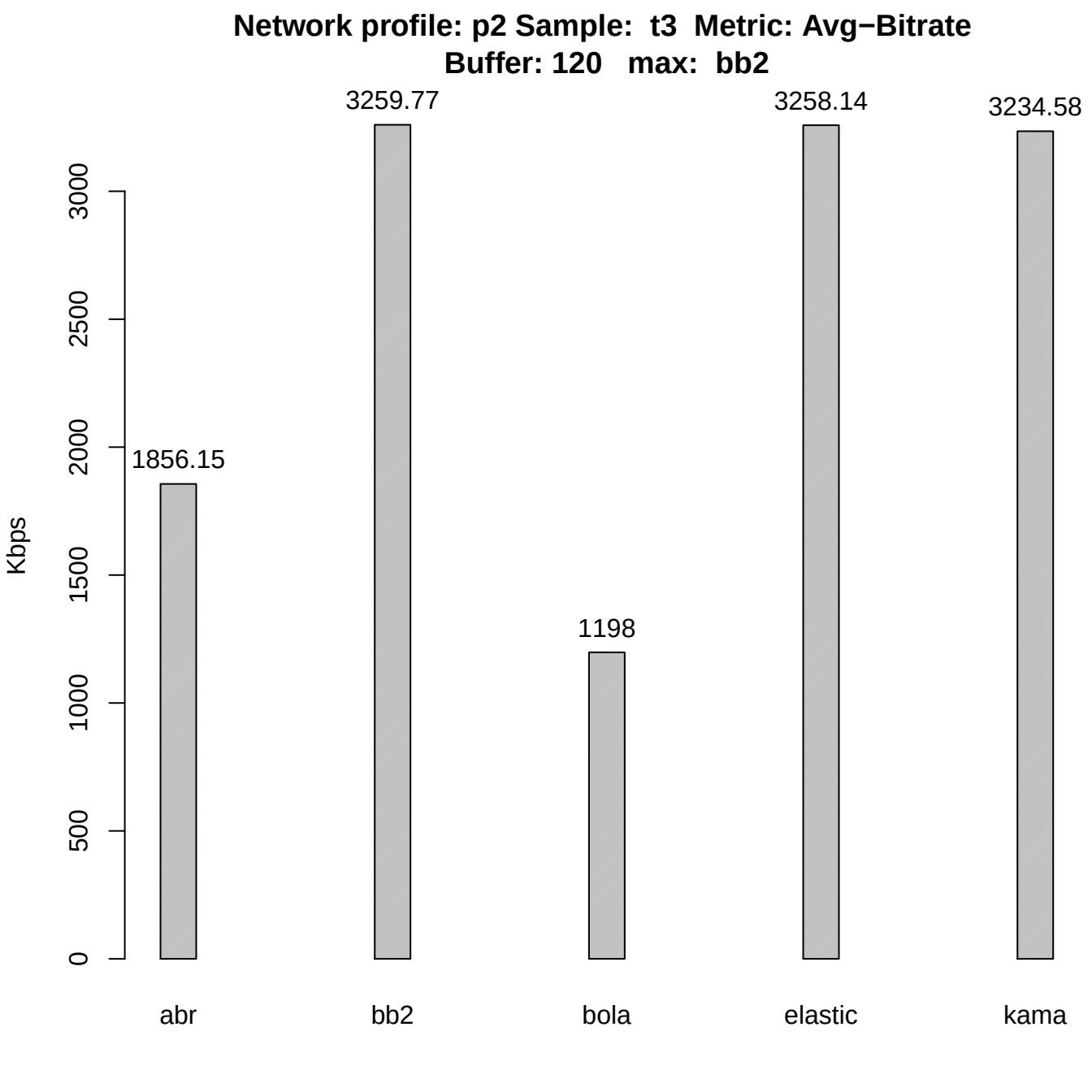

Network profile: p2 Sample: t1 Metric: Inefficiency
Buffer: 120 min: elastic
Inefficiency
0.00
0.05
0.10
0.15
0.20
0.25
0.30
0.35
0.331089
0.377443
0.301034
0.210154
0.272808
abr
bb2
bola
elastic
kama

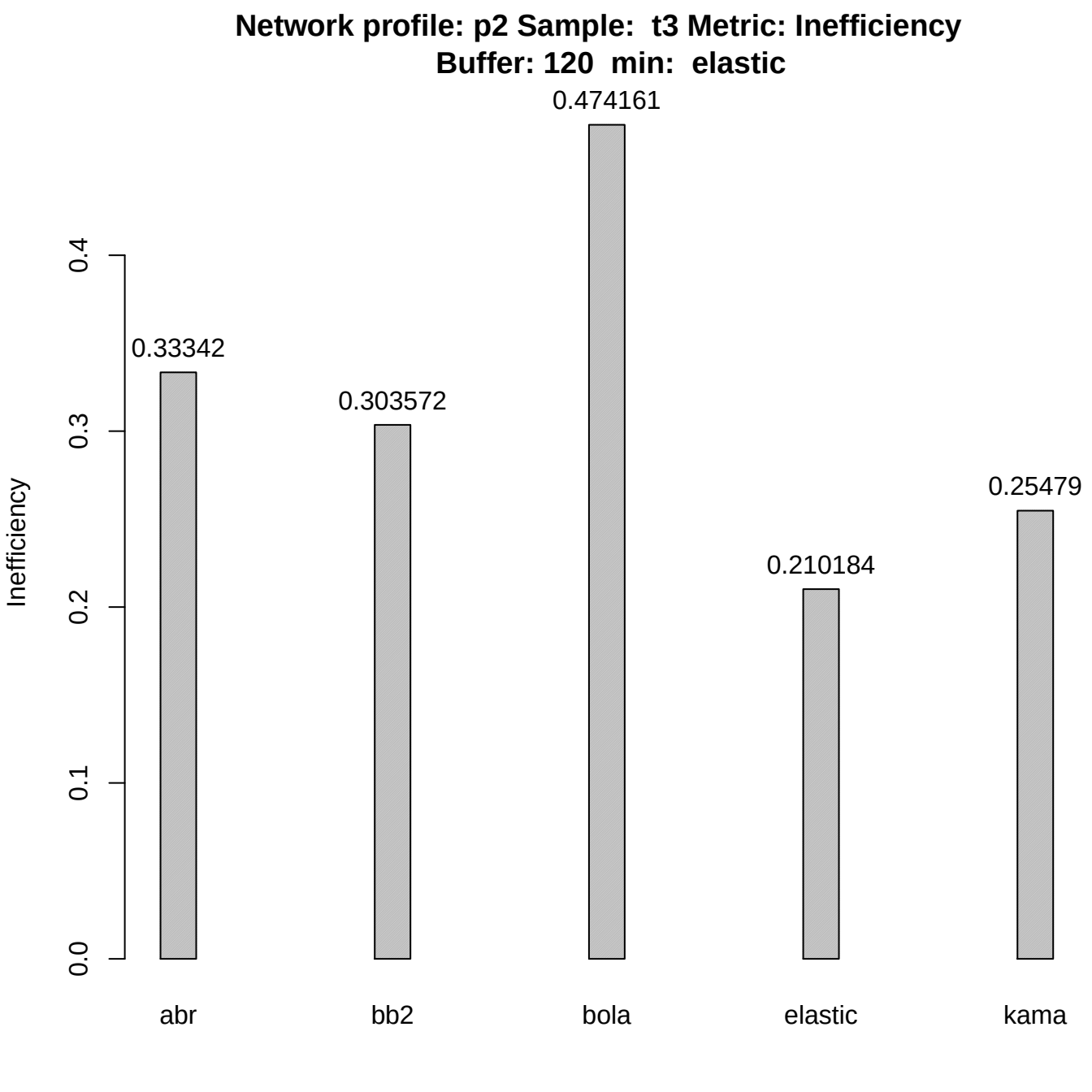

Network profile: p2 Sample: t1 Metric: # quality change
Buffer: 120 min: bb2
Quality changes
0
10
20
30
40
50
60
12
5
5
50
60
abr
bb2
bola
elastic
kama

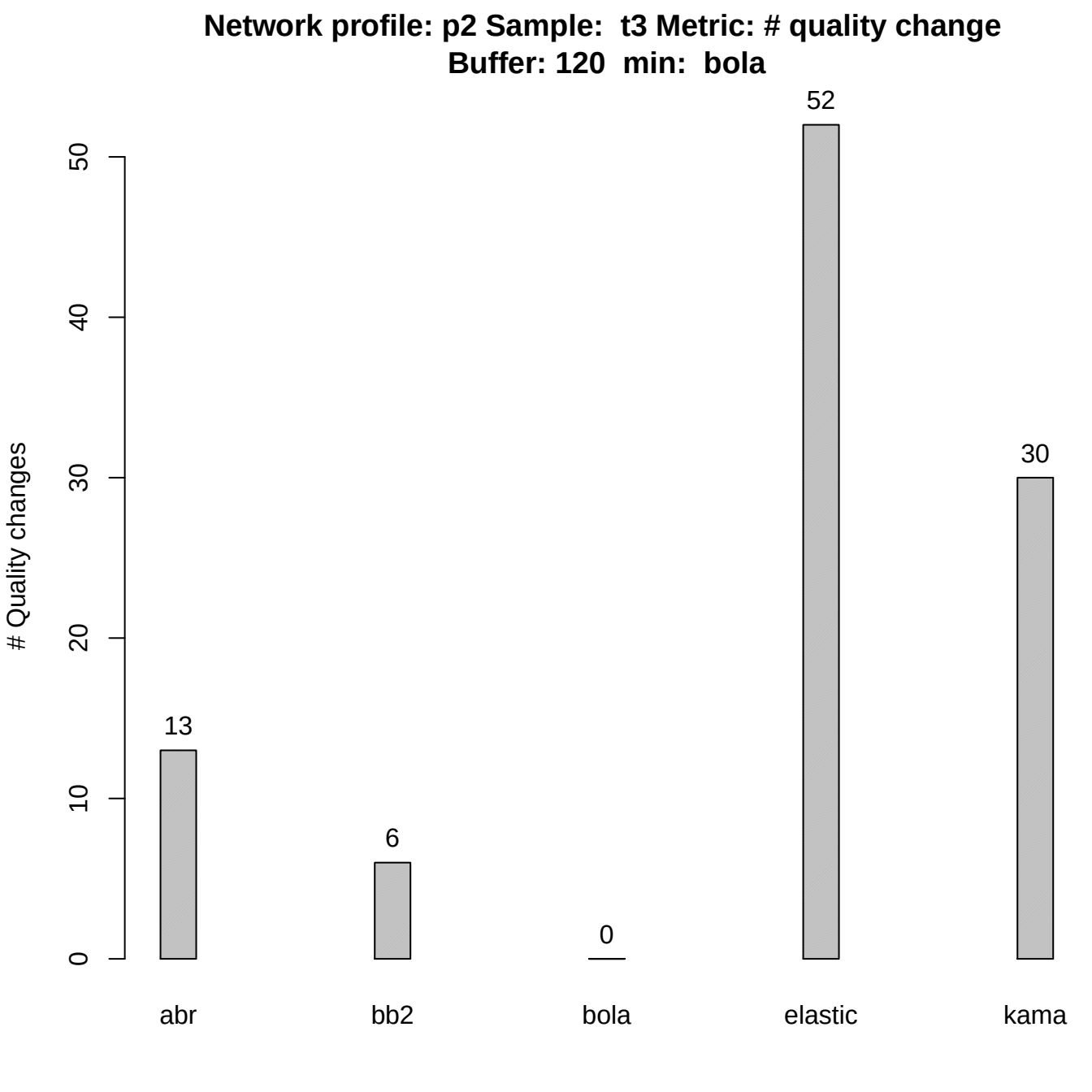

Network profile: p2 Sample: t2 Metric: Avg−Bitrate
Buffer: 120 max: elastic
Kbps
0
500
1000
1500
2000
2500
3000
2037.48
2935.92
2250.66
3248.14
3198.79
abr
bb2
bola
elastic
kama

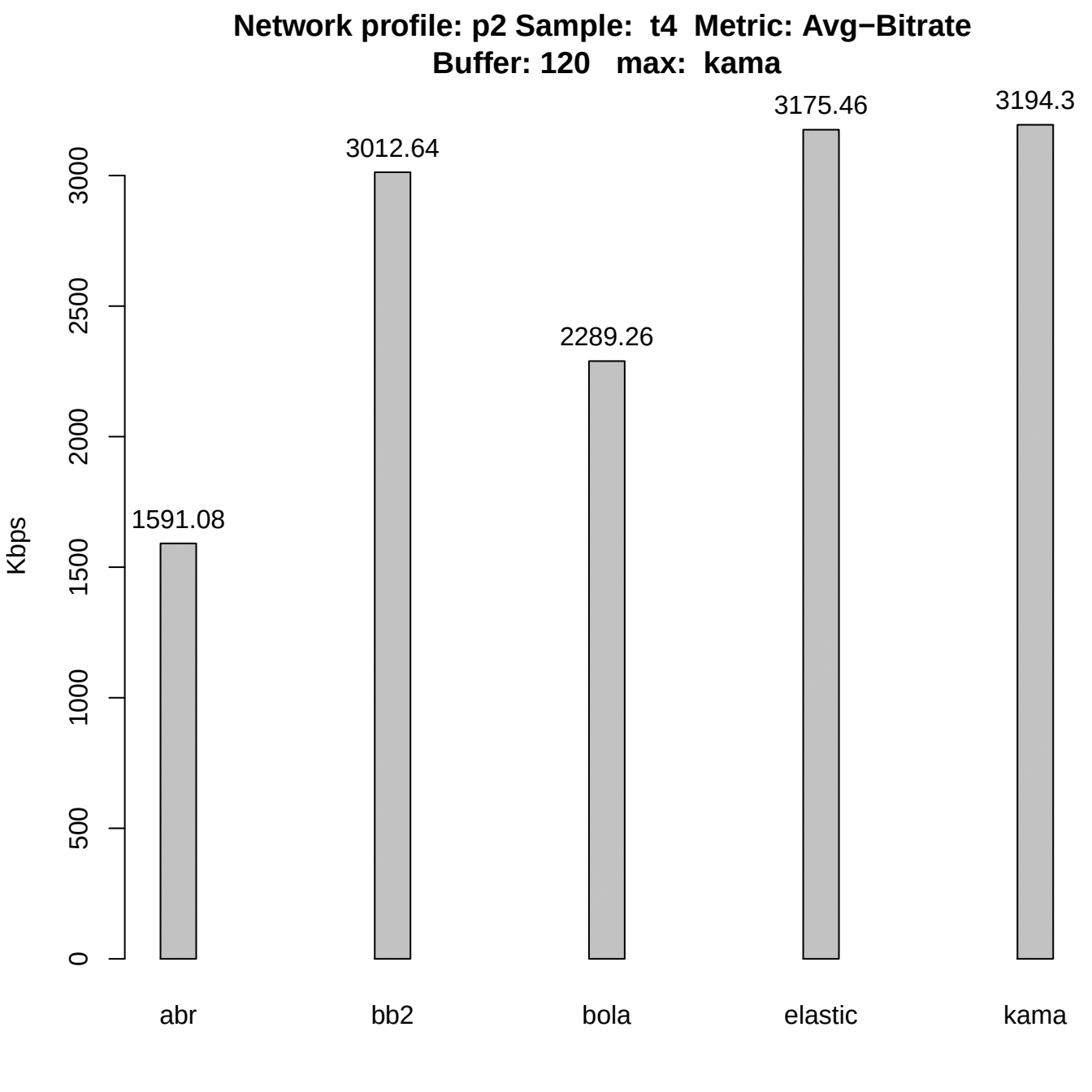

Network profile: p2 Sample: t2 Metric: Inefficiency
Buffer: 120 min: elastic
Inefficiency
0.00
0.05
0.10
0.15
0.20
0.25
0.30
0.280432
0.283709
0.312422
0.167634
0.168136
abr
bb2
bola
elastic
kama

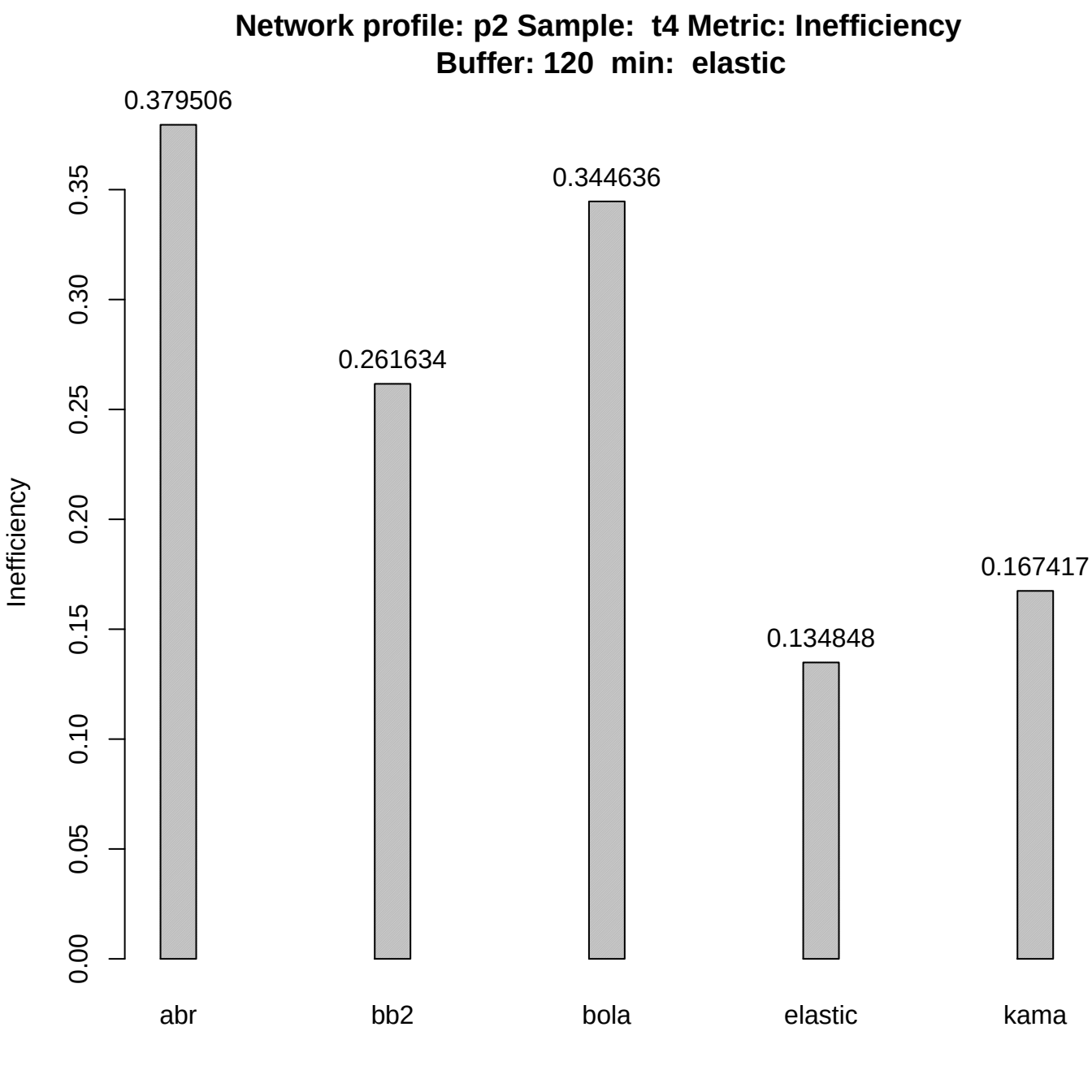

Network profile: p2 Sample: t2 Metric: # quality change
Buffer: 120 min: bola
Quality changes
0
5
10
15
10
5
1
16
12
abr
bb2
bola
elastic
kama

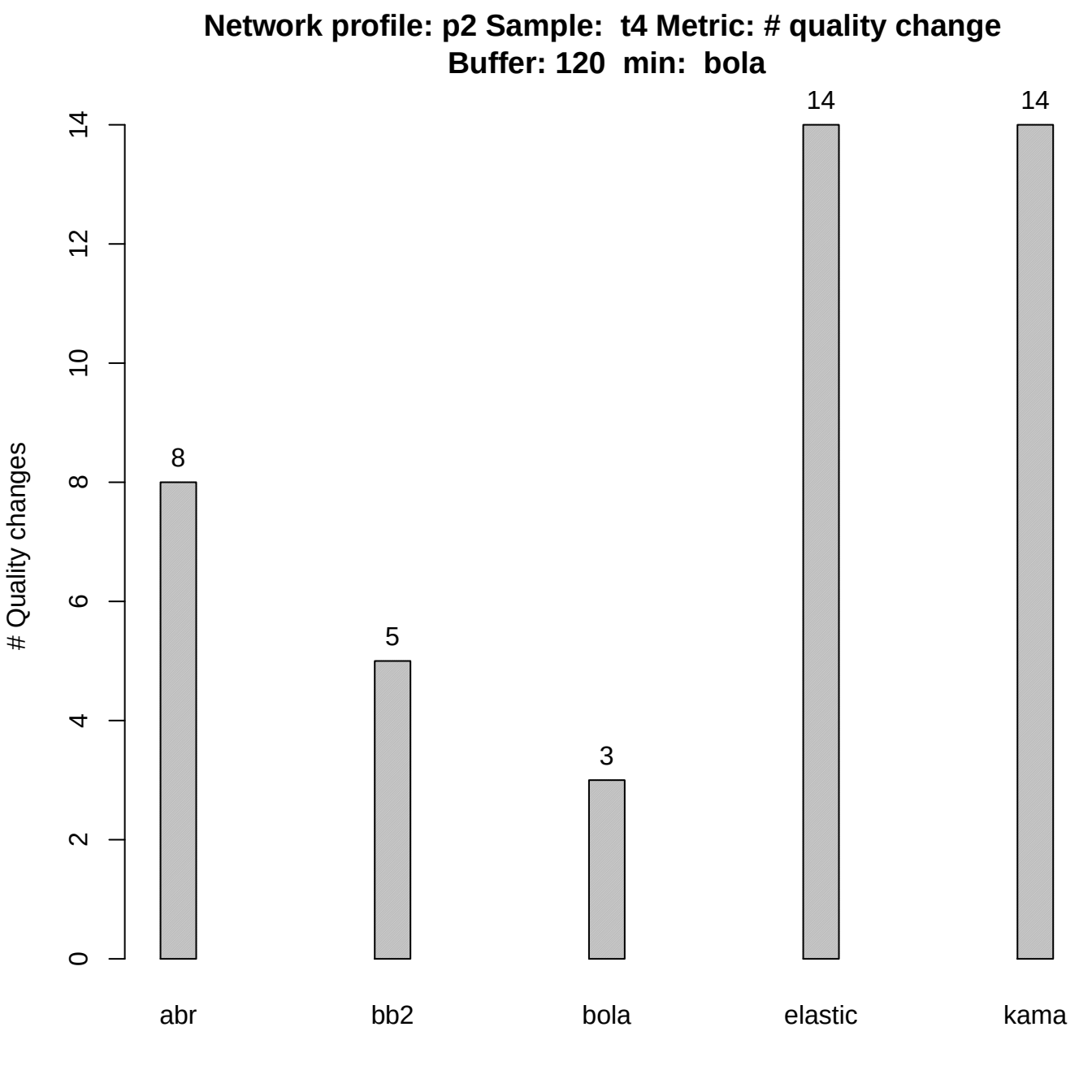

Network profile: p2 Sample: t3 Metric: Avg−Bitrate
Buffer: 120 max: bb2
Kbps
0
500
1000
1500
2000
2500
3000
1856.15
3259.77
1198
3258.14
3234.58
abr
bb2
bola
elastic
kama

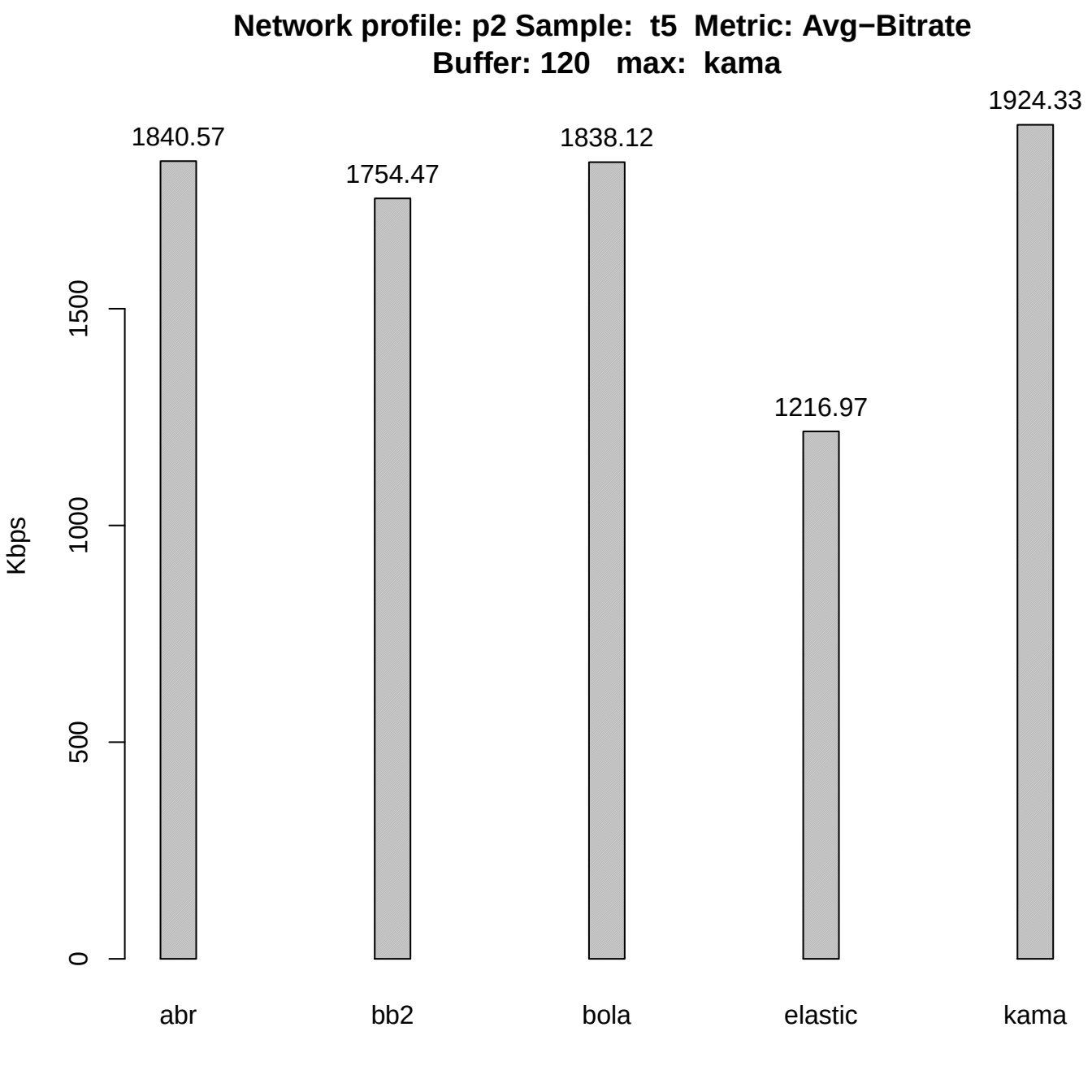

Network profile: p2 Sample: t3 Metric: Inefficiency
Buffer: 120 min: elastic
Inefficiency
0.0
0.1
0.2
0.3
0.4
0.33342
0.303572
0.474161
0.210184
0.25479
abr
bb2
bola
elastic
kama

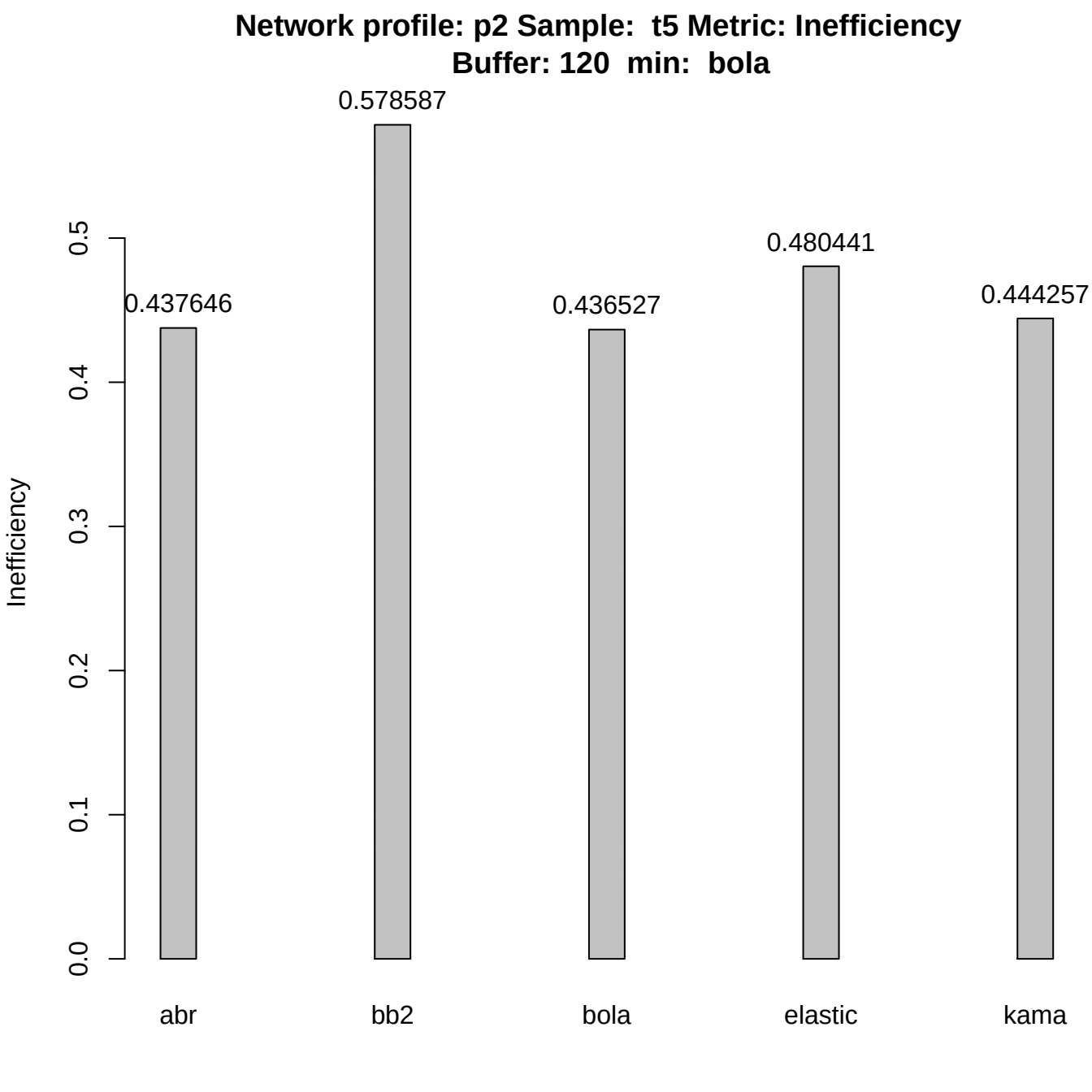

Network profile: p2 Sample: t3 Metric: # quality change
Buffer: 120 min: bola
Quality changes
0
10
20
30
40
50
13
6
0
52
30
abr
bb2
bola
elastic
kama

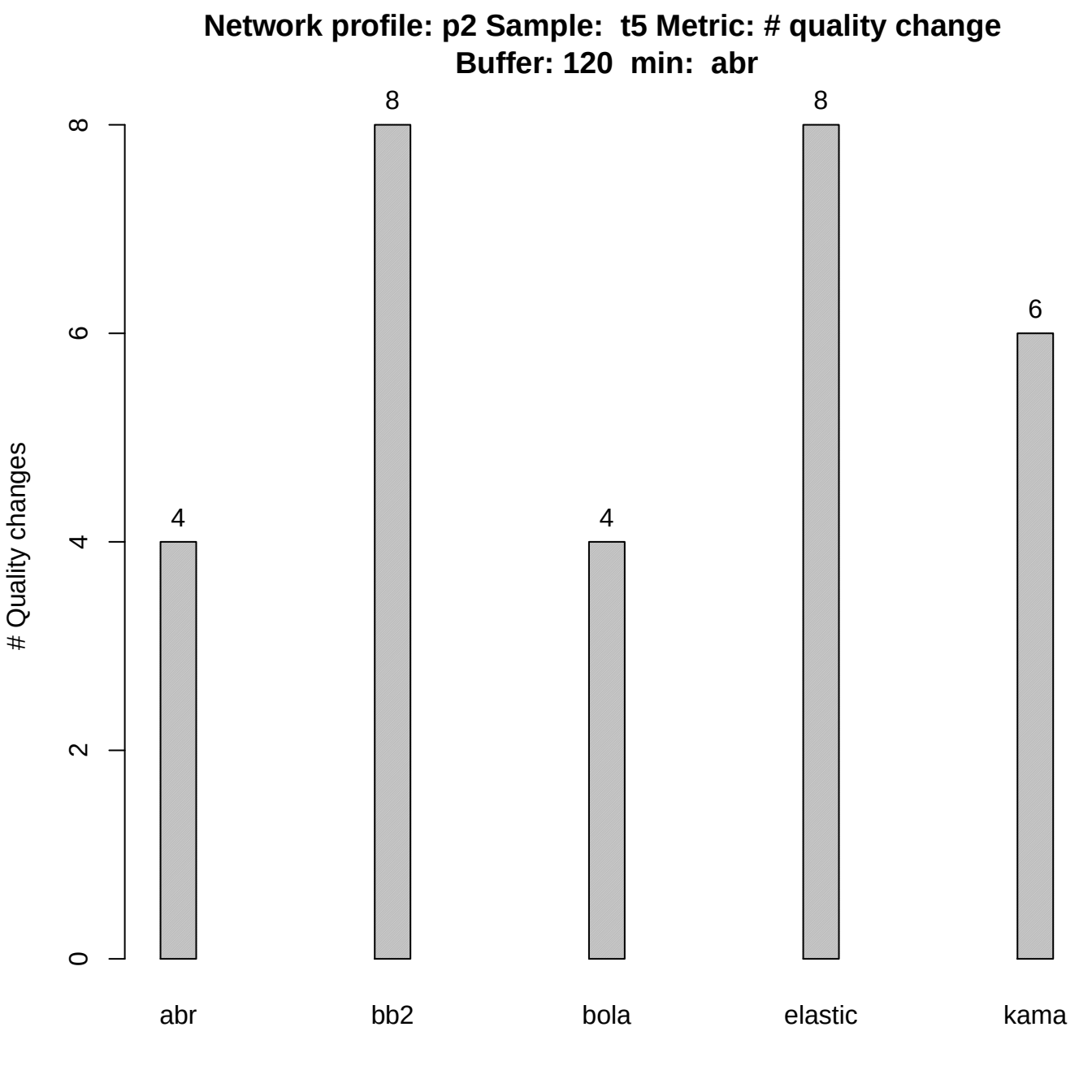

Network profile: p2 Sample: t4 Metric: Avg−Bitrate
Buffer: 120 max: kama
Kbps
0
500
1000
1500
2000
2500
3000
1591.08
3012.64
2289.26
3175.46
3194.3
abr
bb2
bola
elastic
kama

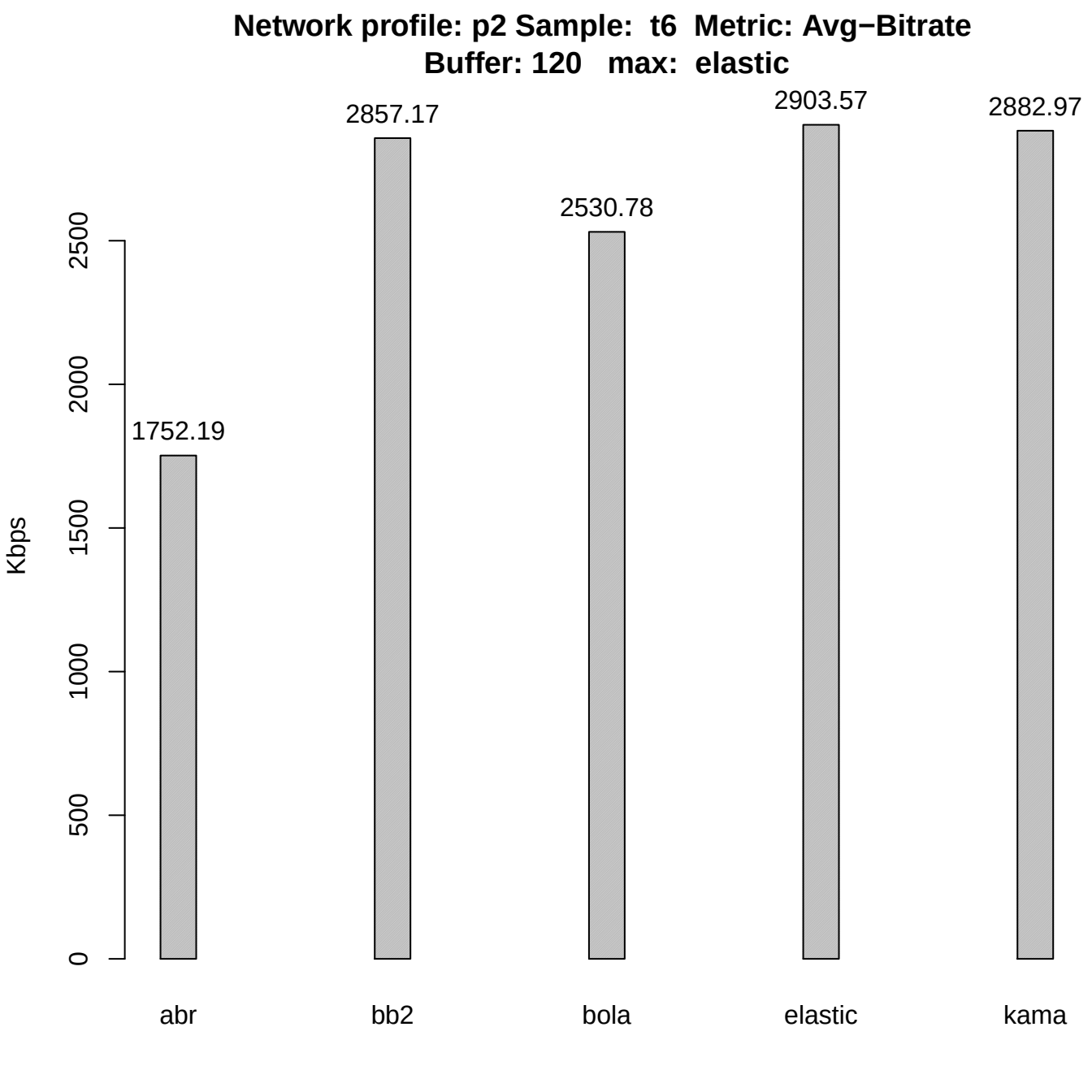

Network profile: p2 Sample: t4 Metric: Inefficiency
Buffer: 120 min: elastic
Inefficiency
0.00
0.05
0.10
0.15
0.20
0.25
0.30
0.35
0.379506
0.261634
0.344636
0.134848
0.167417
abr
bb2
bola
elastic
kama

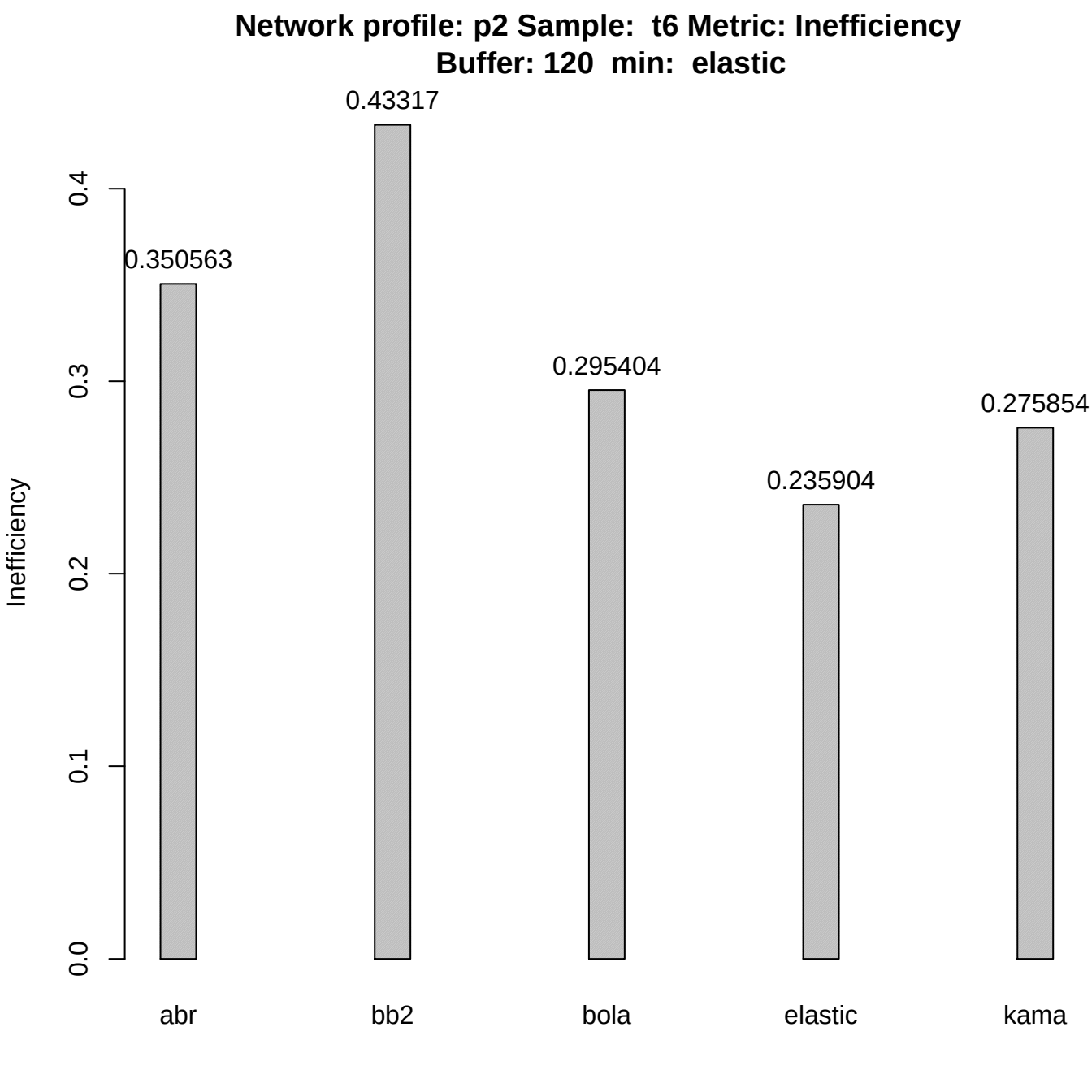

Network profile: p2 Sample: t4 Metric: # quality change
Buffer: 120 min: bola
Quality changes
0
2
4
6
8
10
12
14
8
5
3
14
14
abr
bb2
bola
elastic
kama

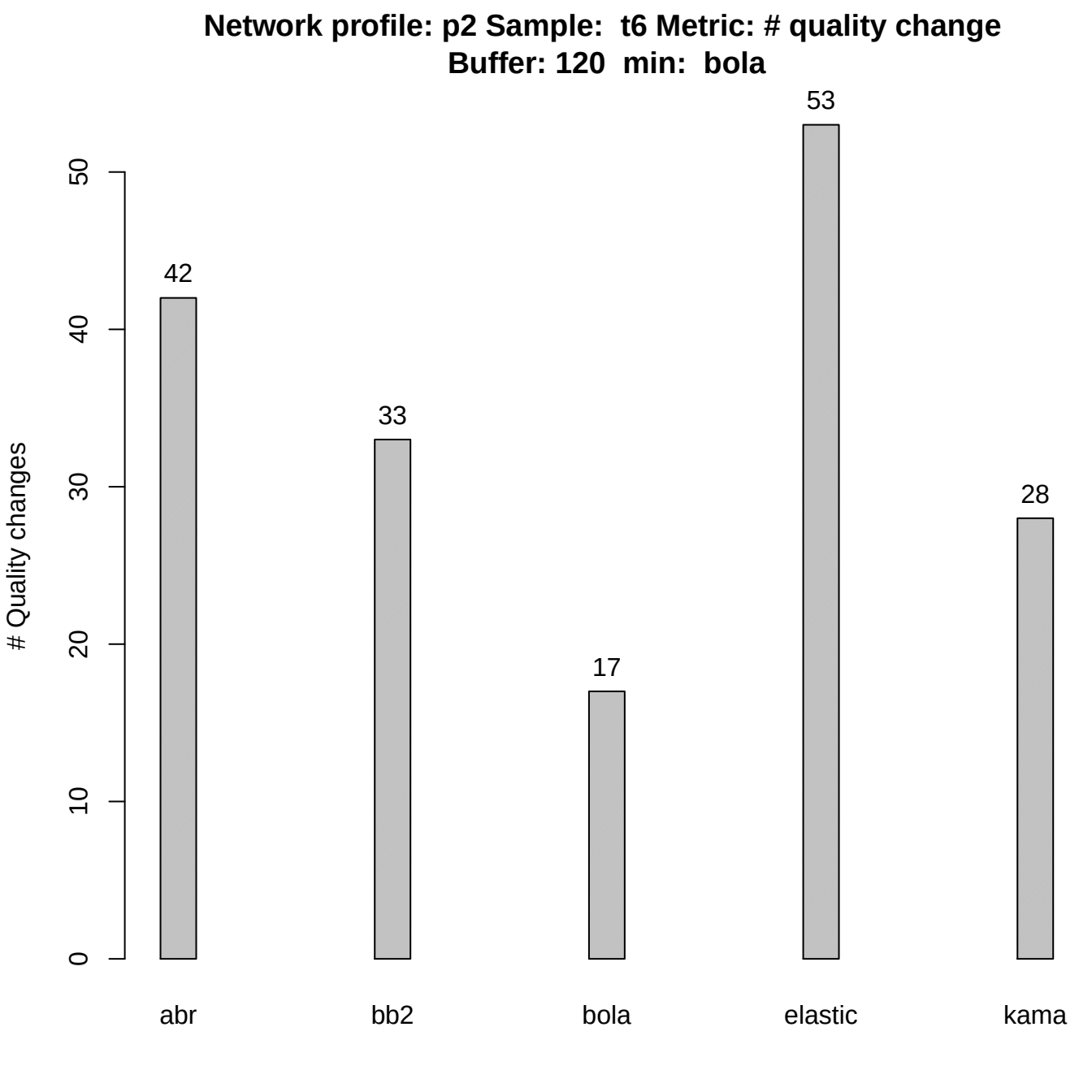

Network profile: p2 Sample: t5 Metric: Avg−Bitrate
Buffer: 120 max: kama
1840.57
1754.47
1838.12
1216.97
1924.33
Kbps
0
500
1000
1500
abr
bb2
bola
elastic
kama

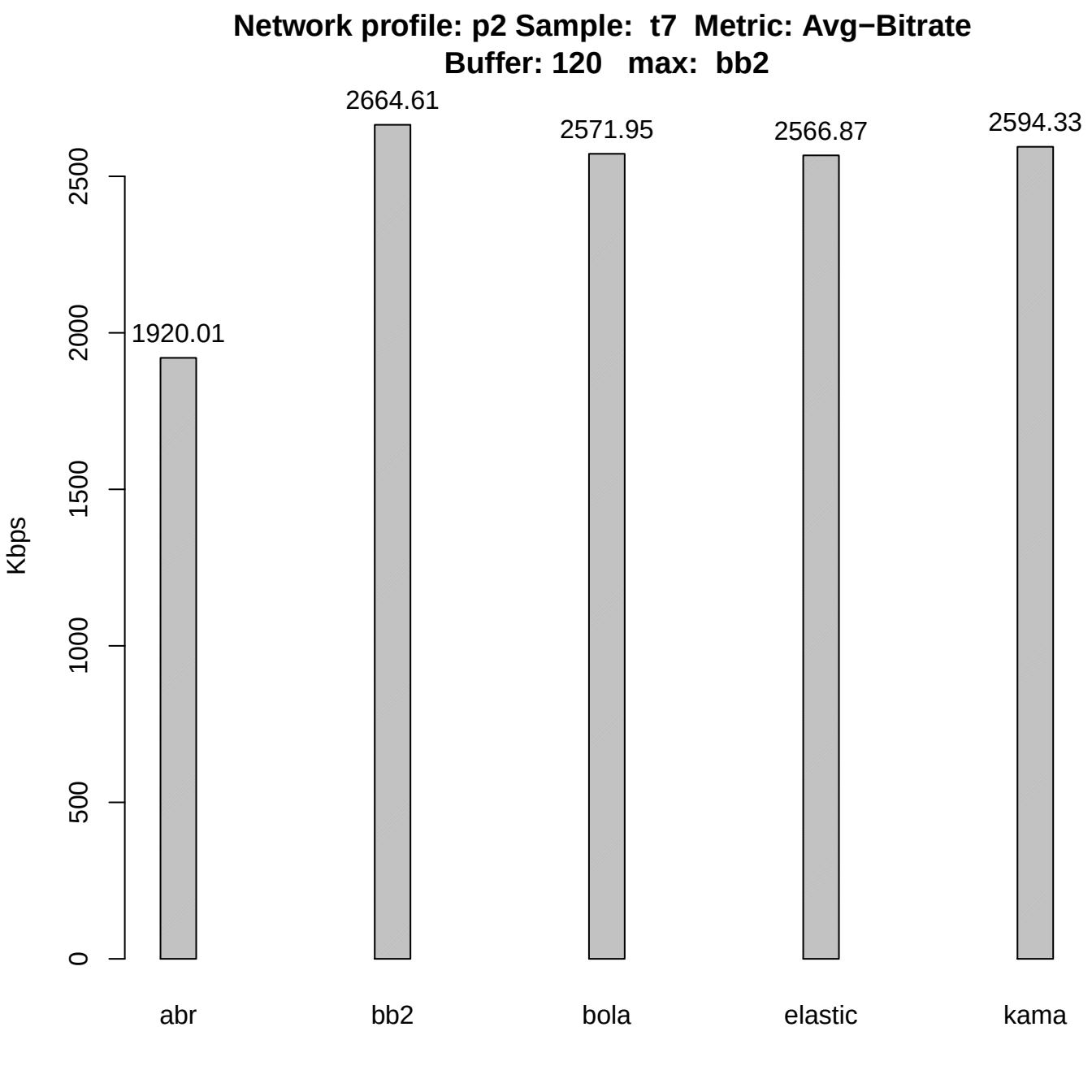

Network profile: p2 Sample: t5 Metric: Inefficiency
Buffer: 120 min: bola
Inefficiency
0.0
0.1
0.2
0.3
0.4
0.5
0.437646
0.578587
0.436527
0.480441
0.444257
abr
bb2
bola
elastic
kama

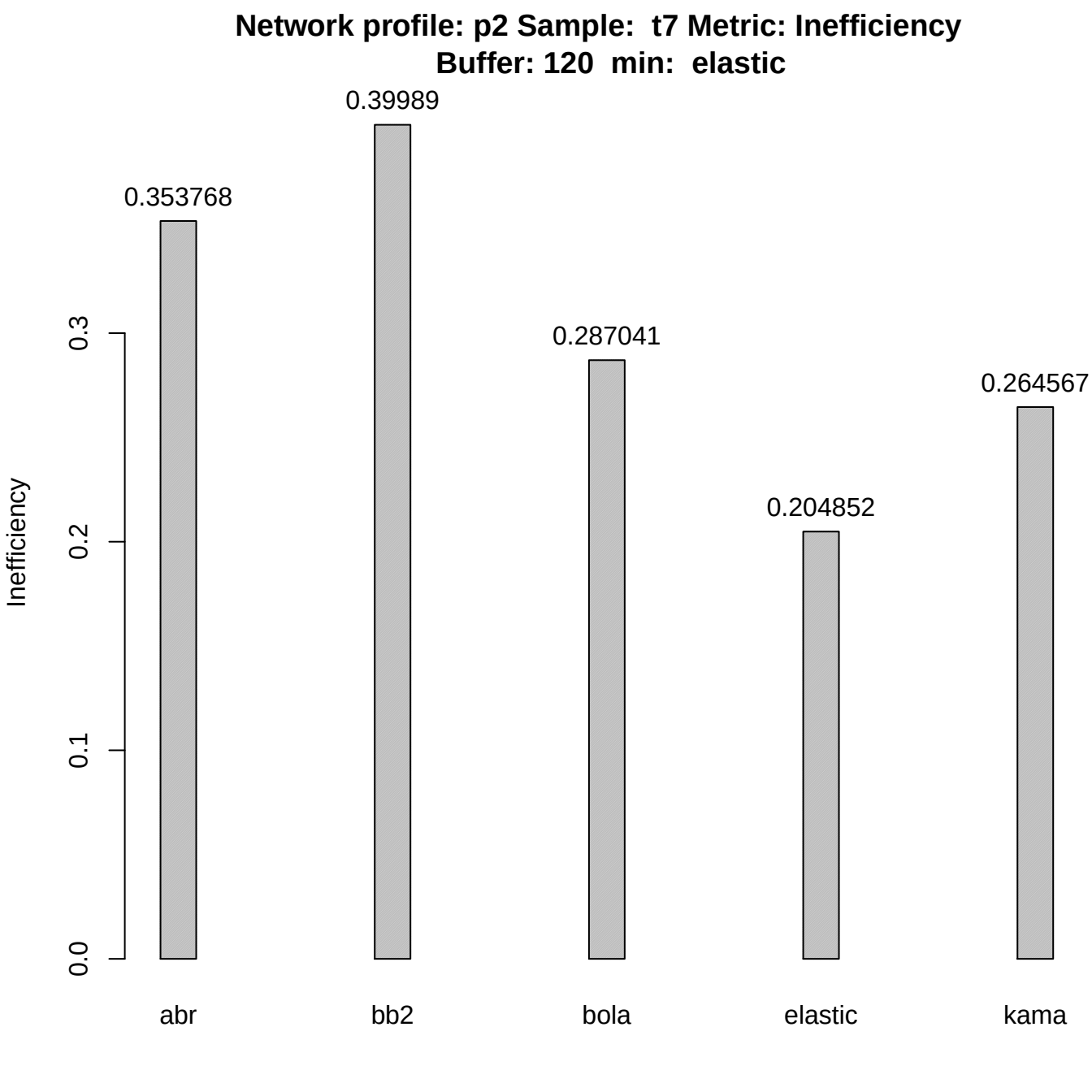

Network profile: p2 Sample: t5 Metric: # quality change
Buffer: 120 min: abr
Quality changes
0
2
4
6
8
4
8
4
8
6
abr
bb2
bola
elastic
kama

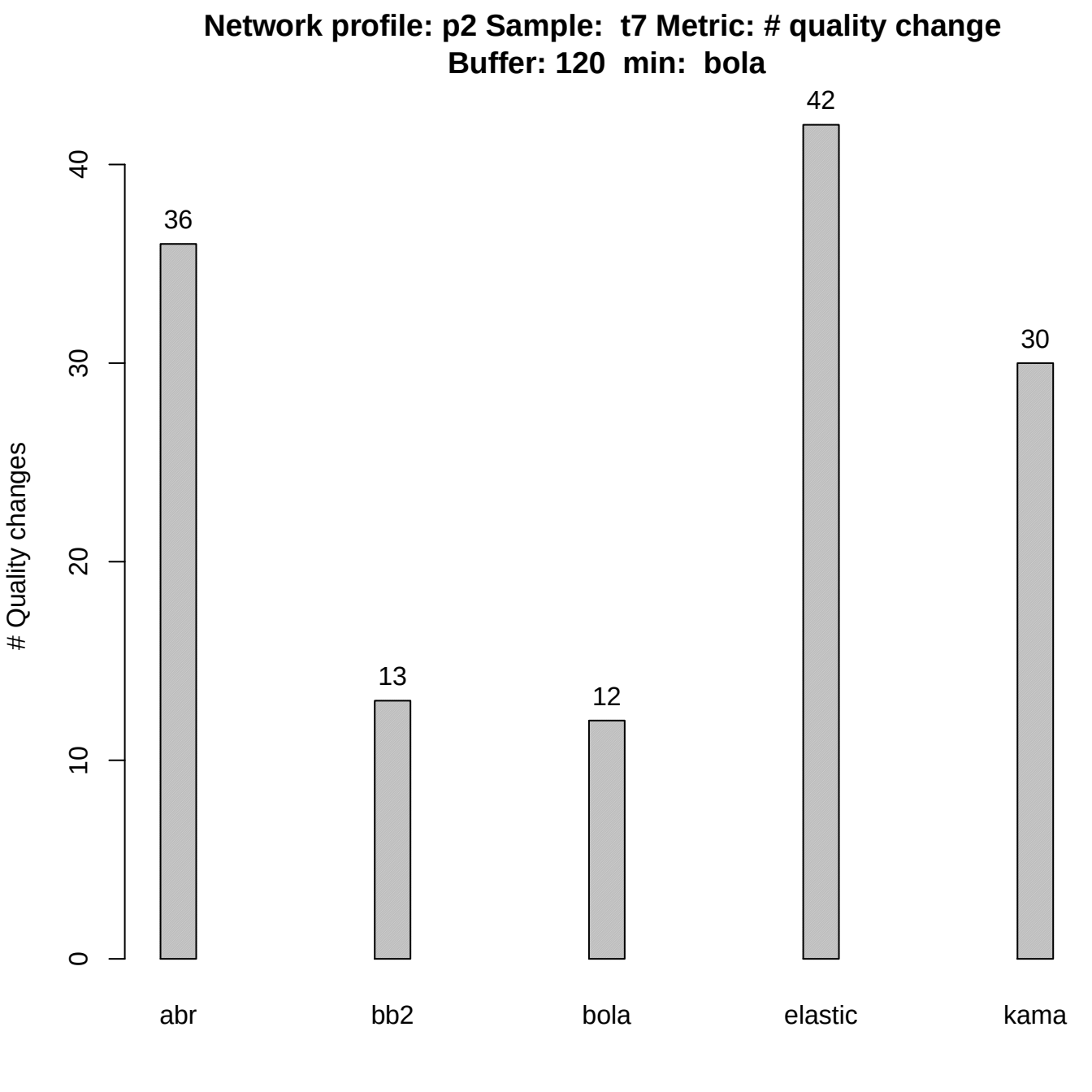

Network profile: p2 Sample: t6 Metric: Avg−Bitrate
Buffer: 120 max: elastic
Kbps
0
500
1000
1500
2000
2500
1752.19
2857.17
2530.78
2903.57
2882.97
abr
bb2
bola
elastic
kama

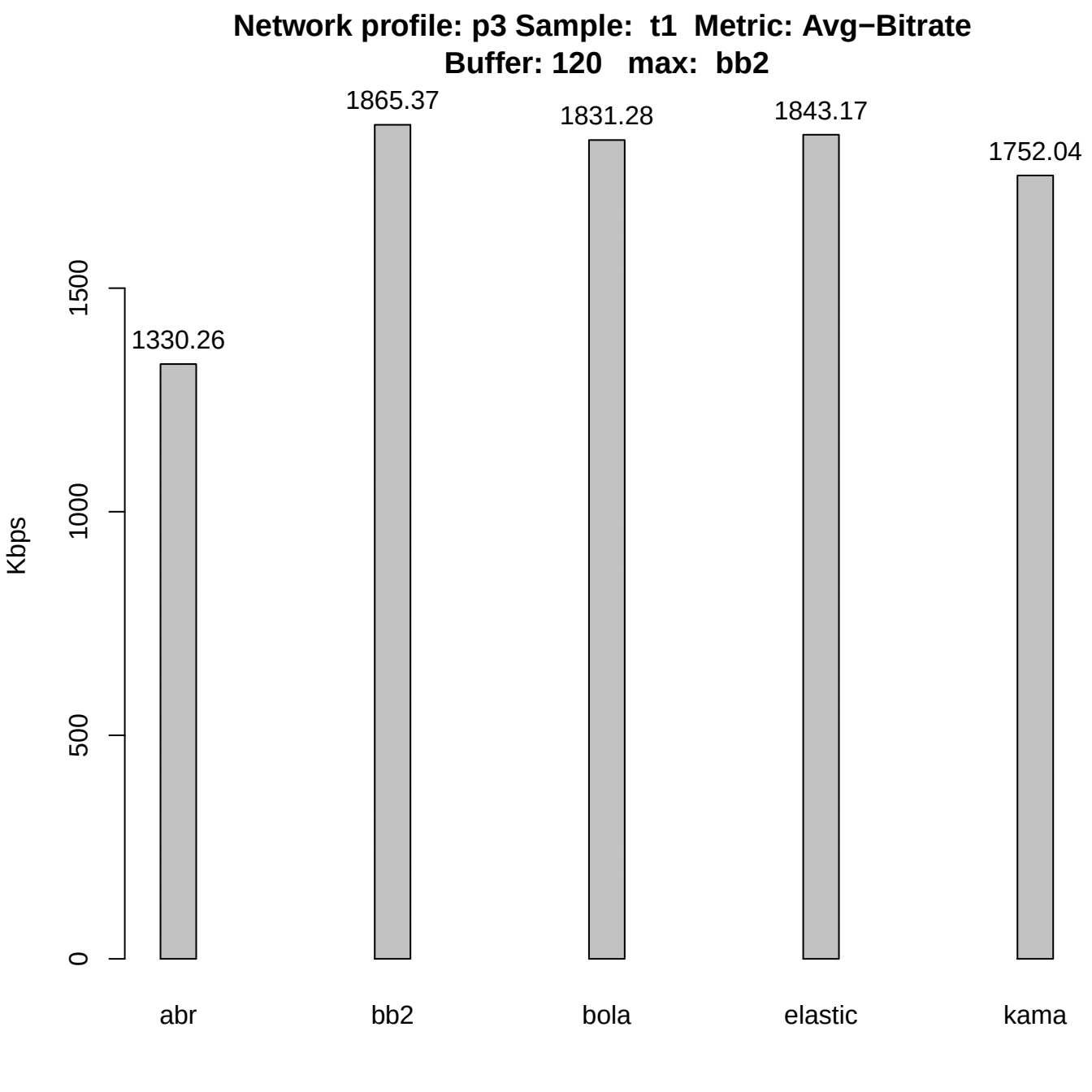

Network profile: p2 Sample: t6 Metric: Inefficiency
Buffer: 120 min: elastic
Inefficiency
0.0
0.1
0.2
0.3
0.4
0.350563
0.43317
0.295404
0.235904
0.275854
abr
bb2
bola
elastic
kama

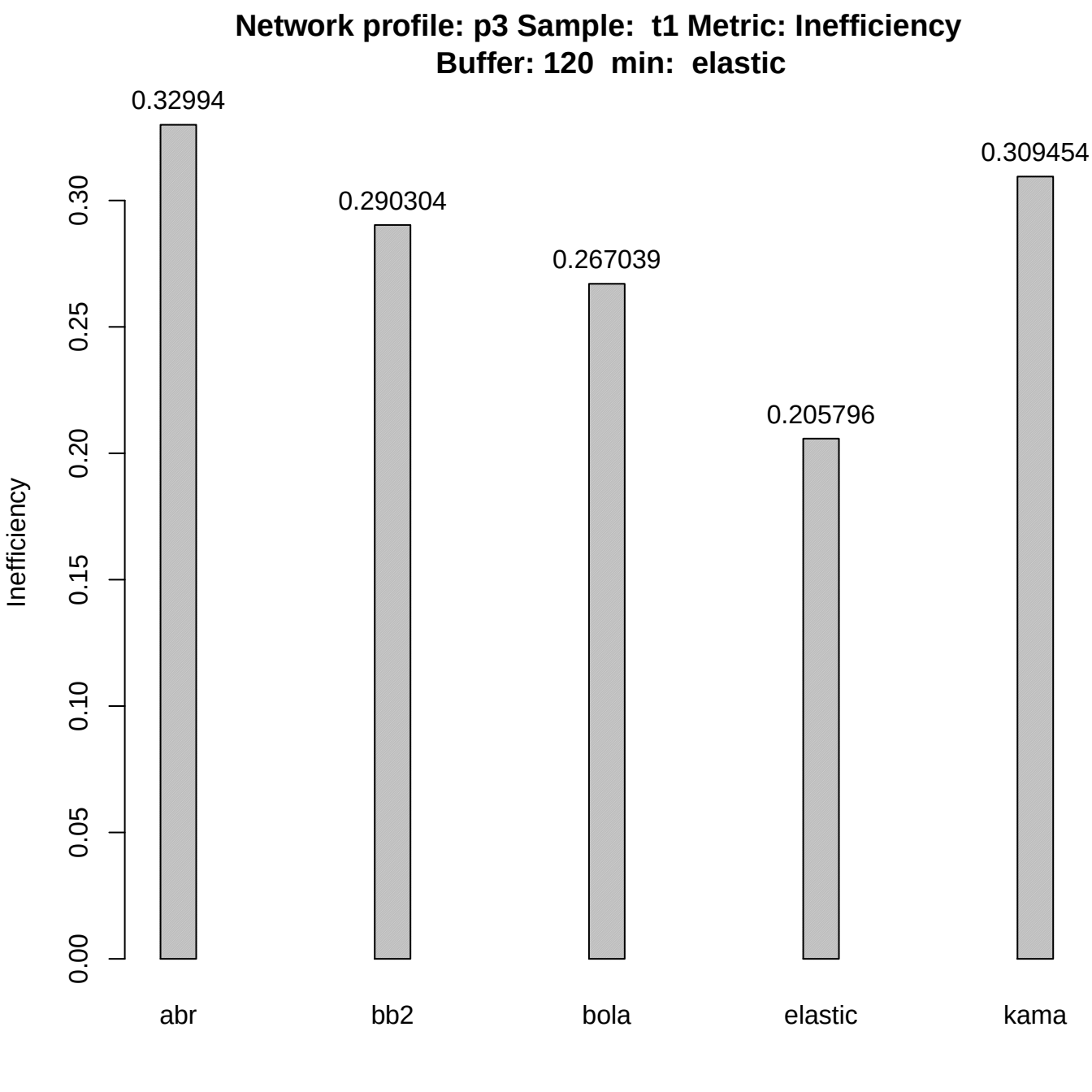

Network profile: p2 Sample: t6 Metric: # quality change
Buffer: 120 min: bola
Quality changes
0
10
20
30
40
50
42
33
17
53
28
abr
bb2
bola
elastic
kama

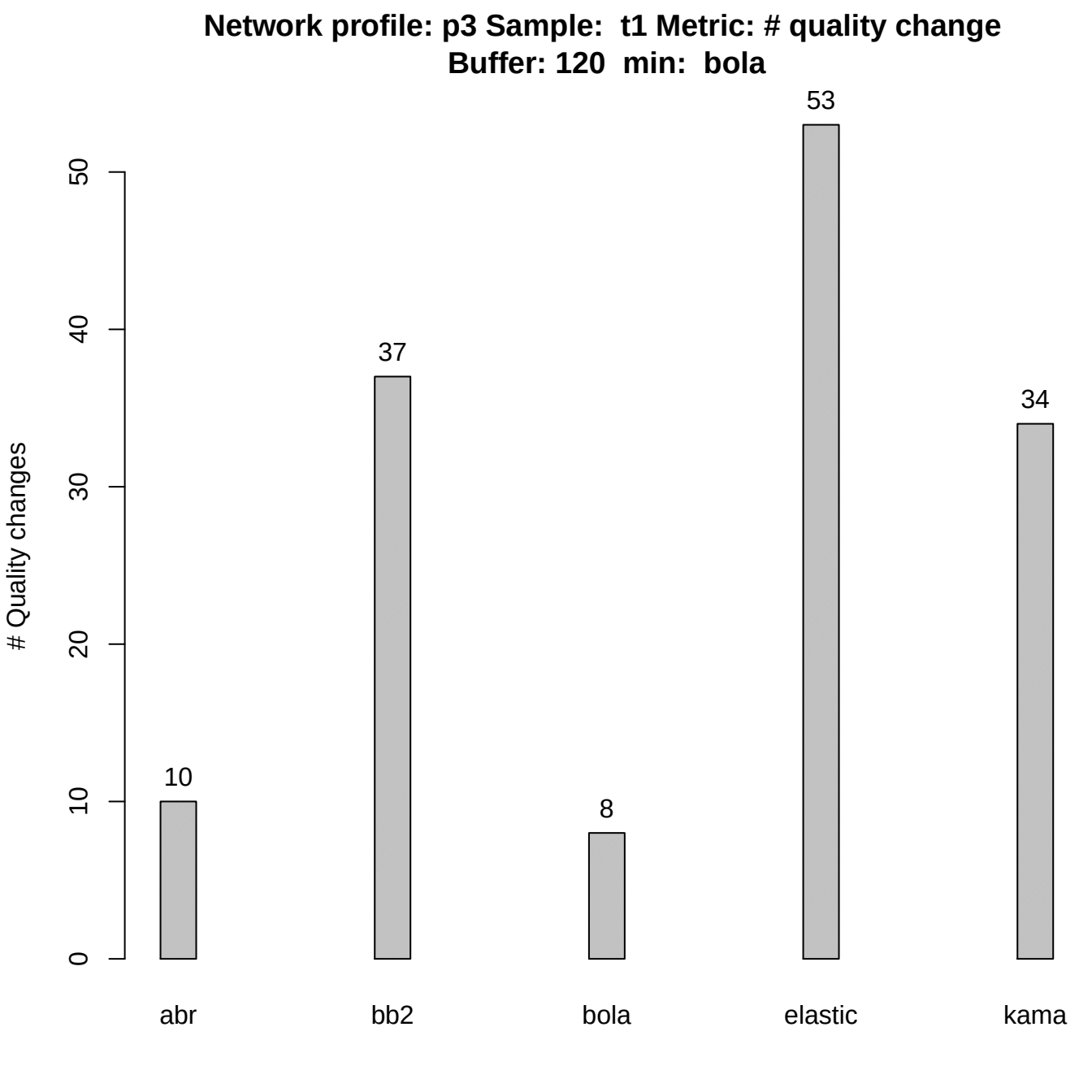

Network profile: p2 Sample: t7 Metric: Avg−Bitrate
Buffer: 120 max: bb2
Kbps
0
500
1000
1500
2000
2500
1920.01
2664.61
2571.95
2566.87
2594.33
abr
bb2
bola
elastic
kama

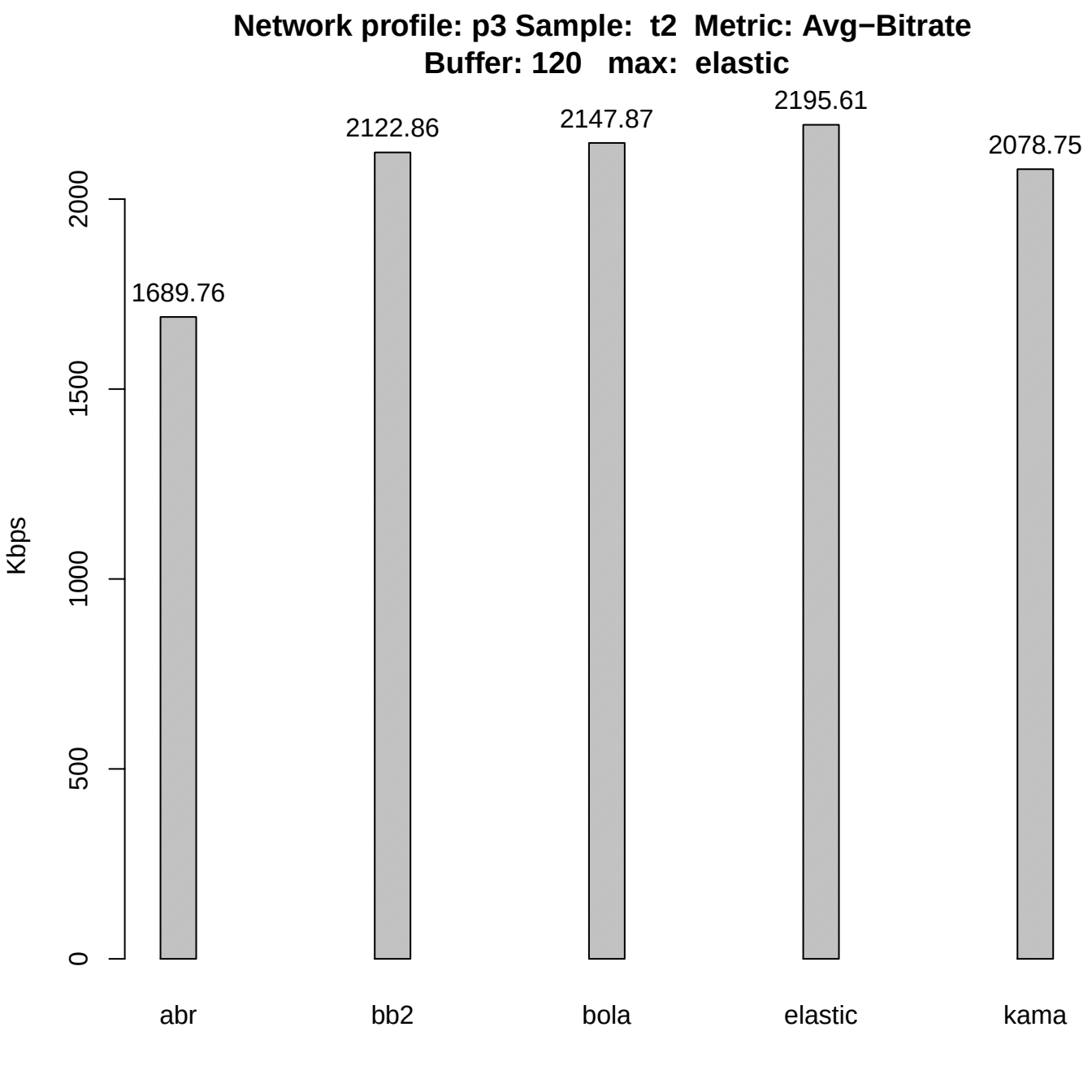

Network profile: p2 Sample: t7 Metric: Inefficiency
Buffer: 120 min: elastic
0.353768
0.39989
0.287041
0.204852
0.264567
Inefficiency
0.0
0.1
0.2
0.3
abr
bb2
bola
elastic
kama

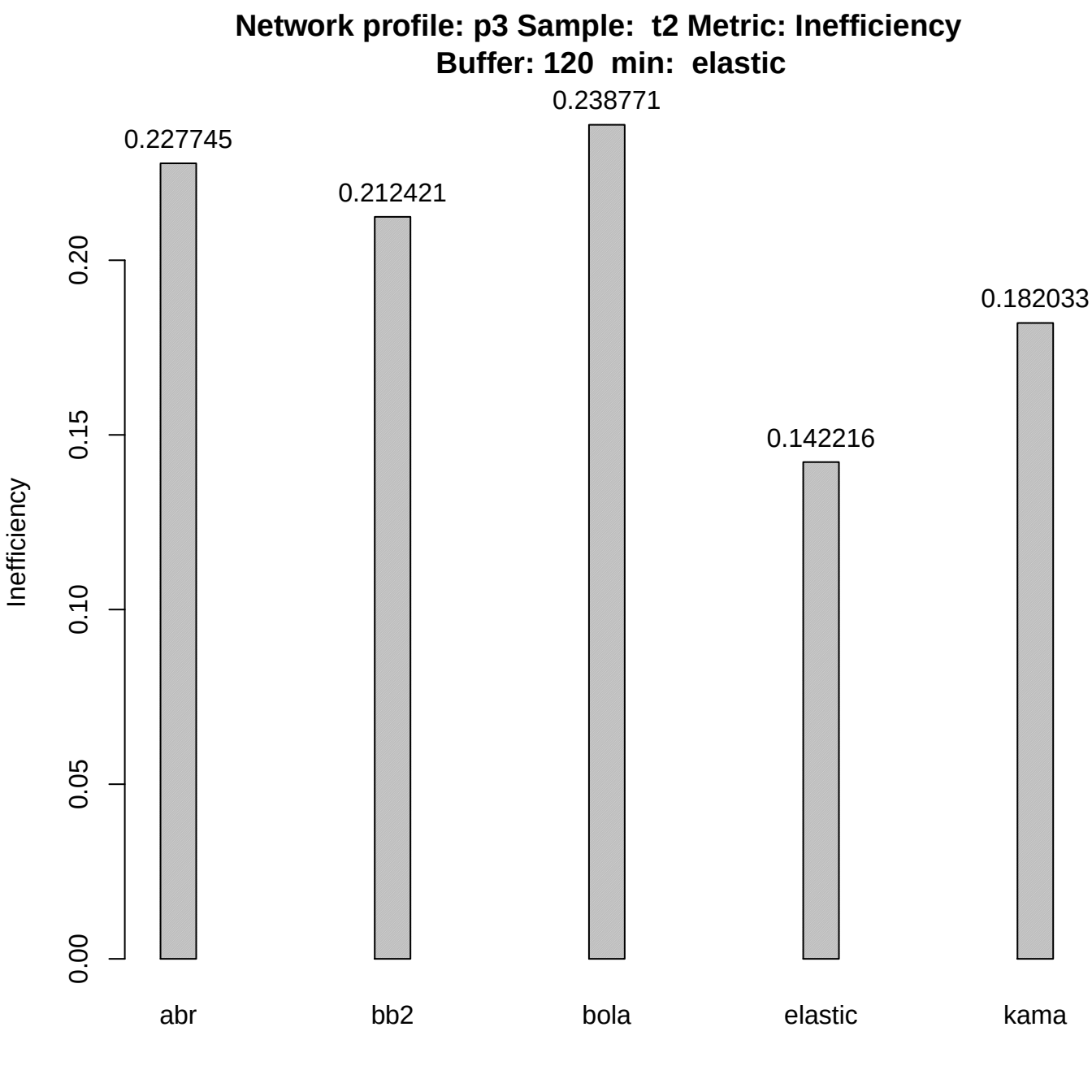

Network profile: p2 Sample: t7 Metric: # quality change
Buffer: 120 min: bola
Quality changes
0
10
20
30
40
36
13
12
42
30
abr
bb2
bola
elastic
kama

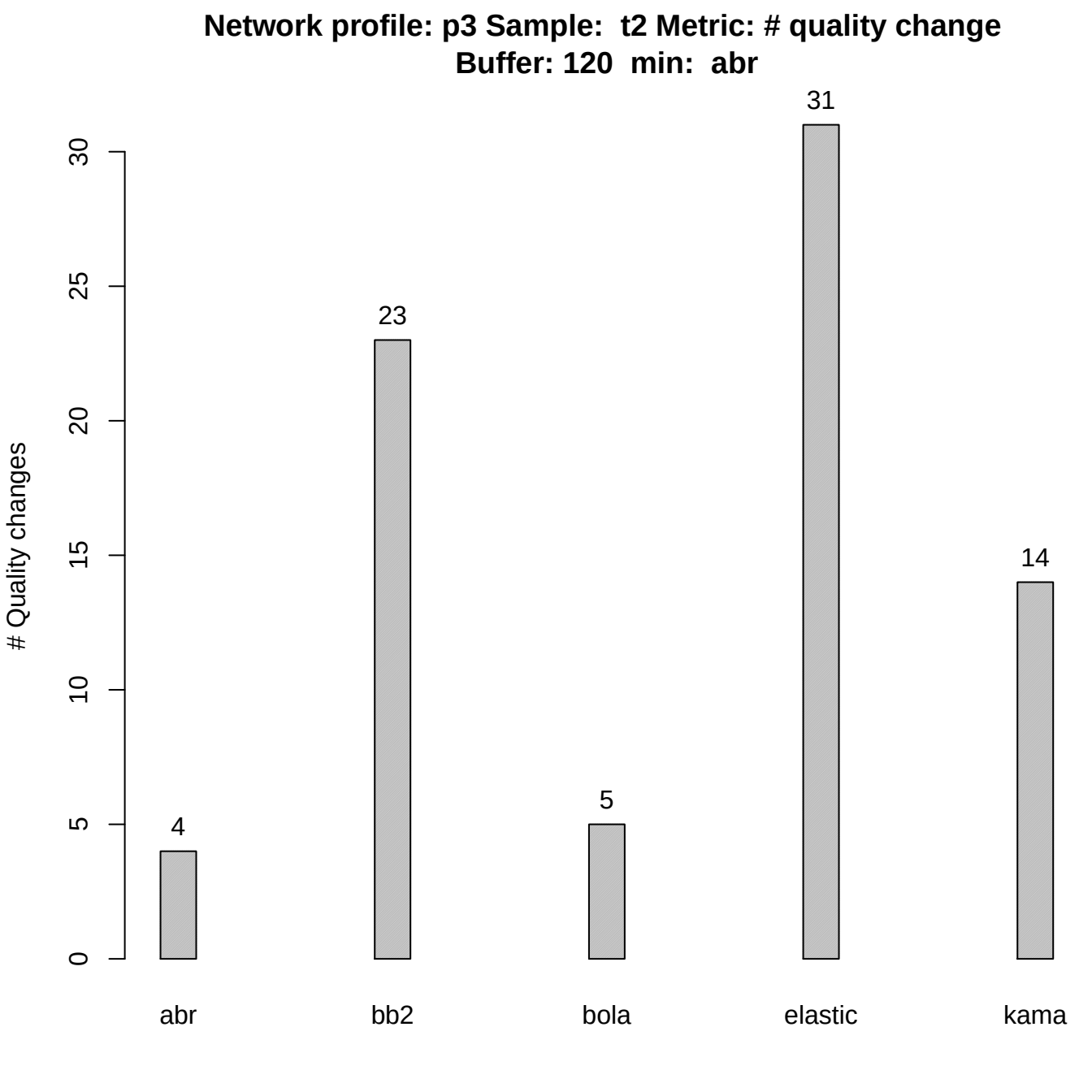

Network profile: p3 Sample: t1 Metric: Avg−Bitrate
Buffer: 120 max: bb2
1865.37
1831.28
1843.17
1752.04
1330.26
Kbps
0
500
1000
1500
abr
bb2
bola
elastic
kama

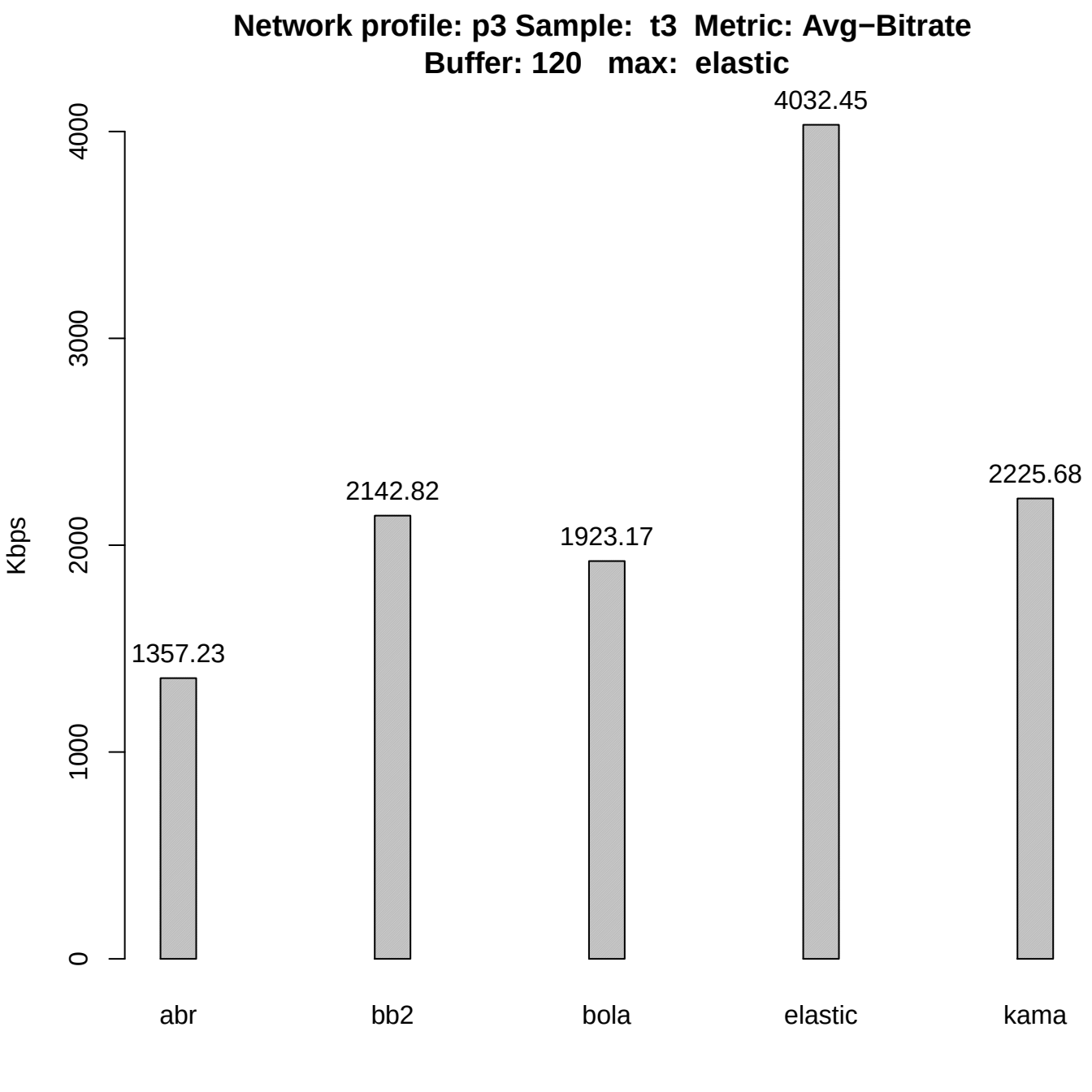

Network profile: p3 Sample: t1 Metric: Inefficiency
Buffer: 120 min: elastic
Inefficiency
0.00
0.05
0.10
0.15
0.20
0.25
0.30
0.32994
0.290304
0.267039
0.205796
0.309454
abr
bb2
bola
elastic
kama

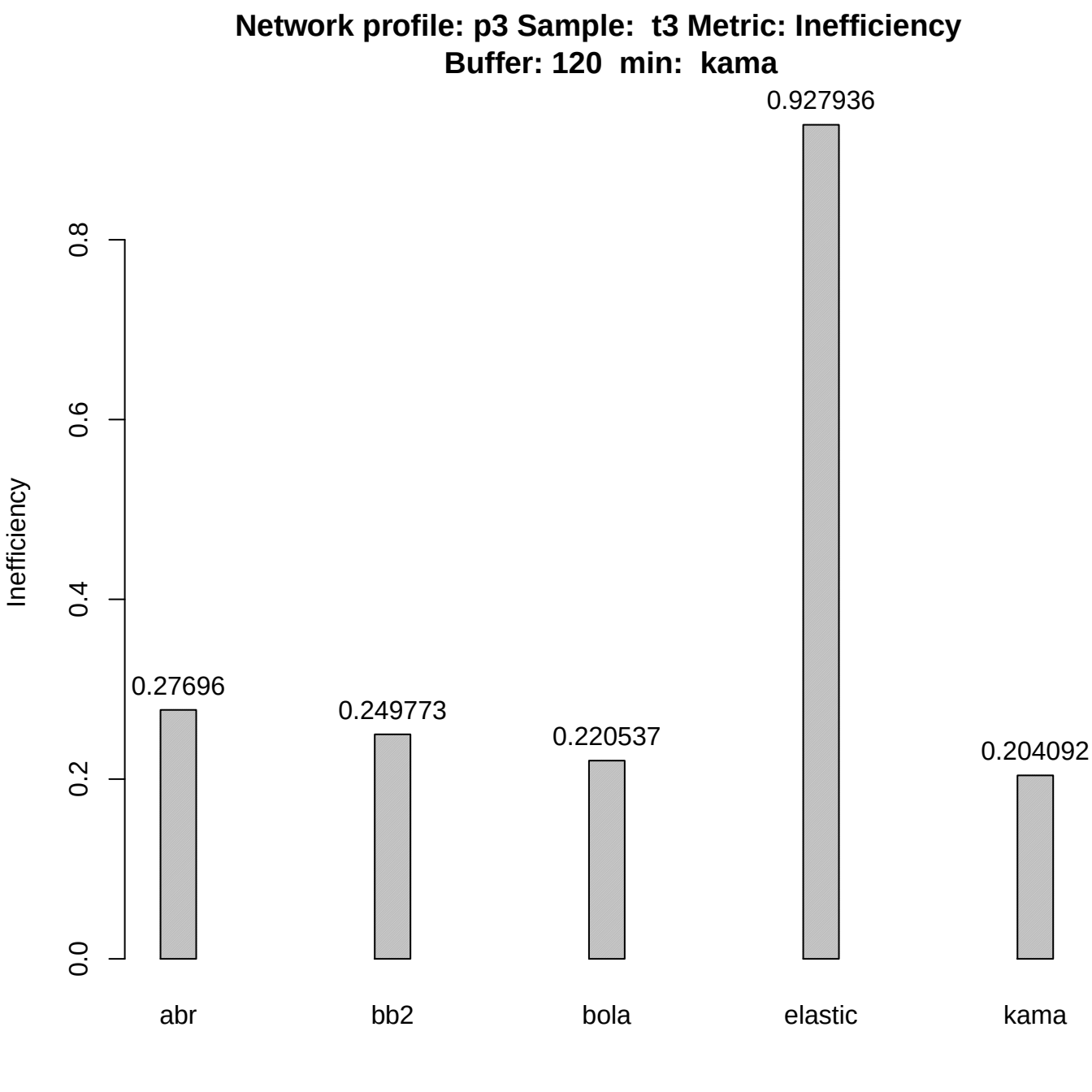

Network profile: p3 Sample: t1 Metric: # quality change
Buffer: 120 min: bola
Quality changes
0
10
20
30
40
50
10
37
8
53
34
abr
bb2
bola
elastic
kama

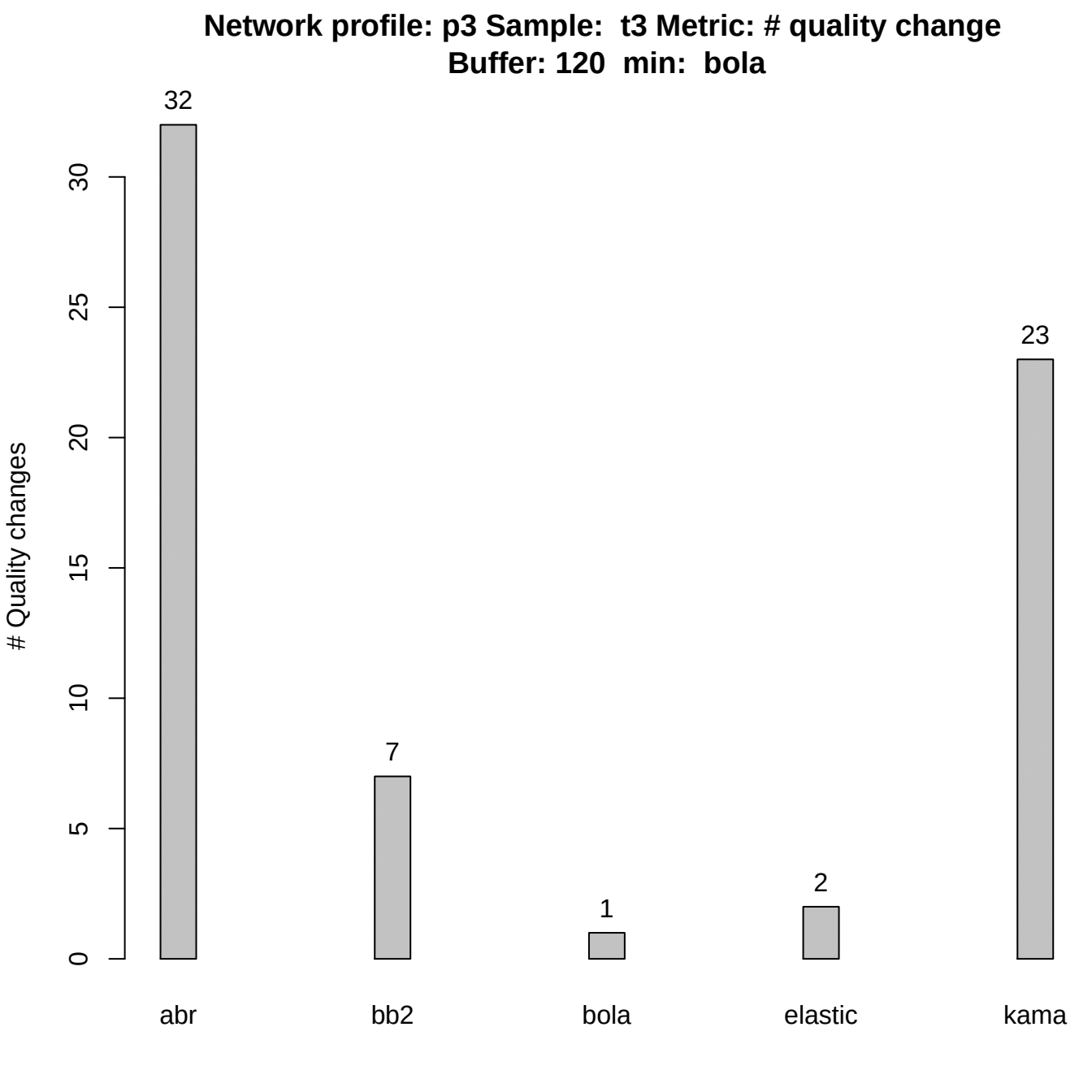

Network profile: p3 Sample: t2 Metric: Avg−Bitrate
Buffer: 120 max: elastic
Kbps
0
500
1000
1500
2000
1689.76
2122.86
2147.87
2195.61
2078.75
abr
bb2
bola
elastic
kama

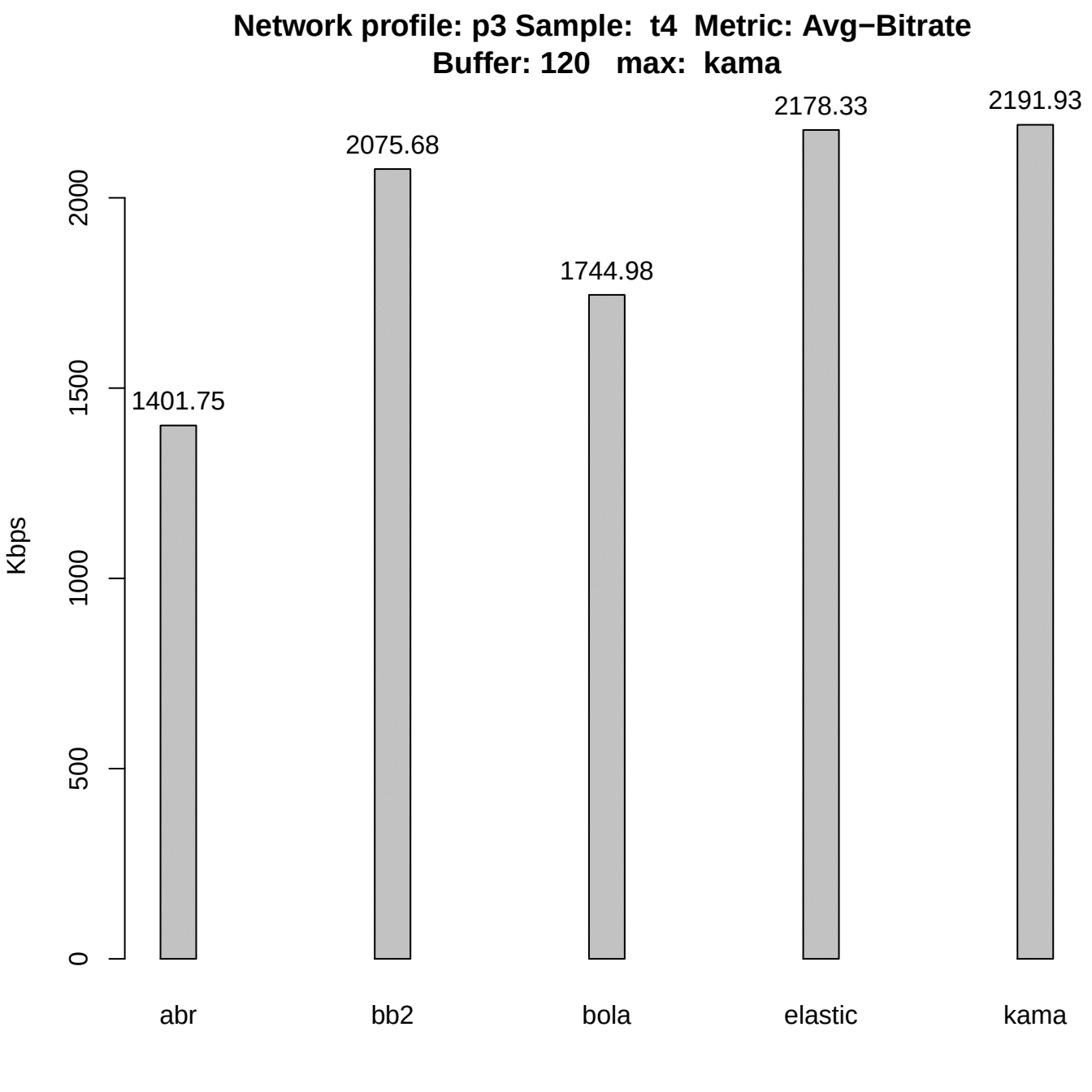

Network profile: p3 Sample: t2 Metric: Inefficiency
Buffer: 120 min: elastic
0.227745
0.212421
0.238771
0.142216
0.182033
Inefficiency
0.00
0.05
0.10
0.15
0.20
abr
bb2
bola
elastic
kama

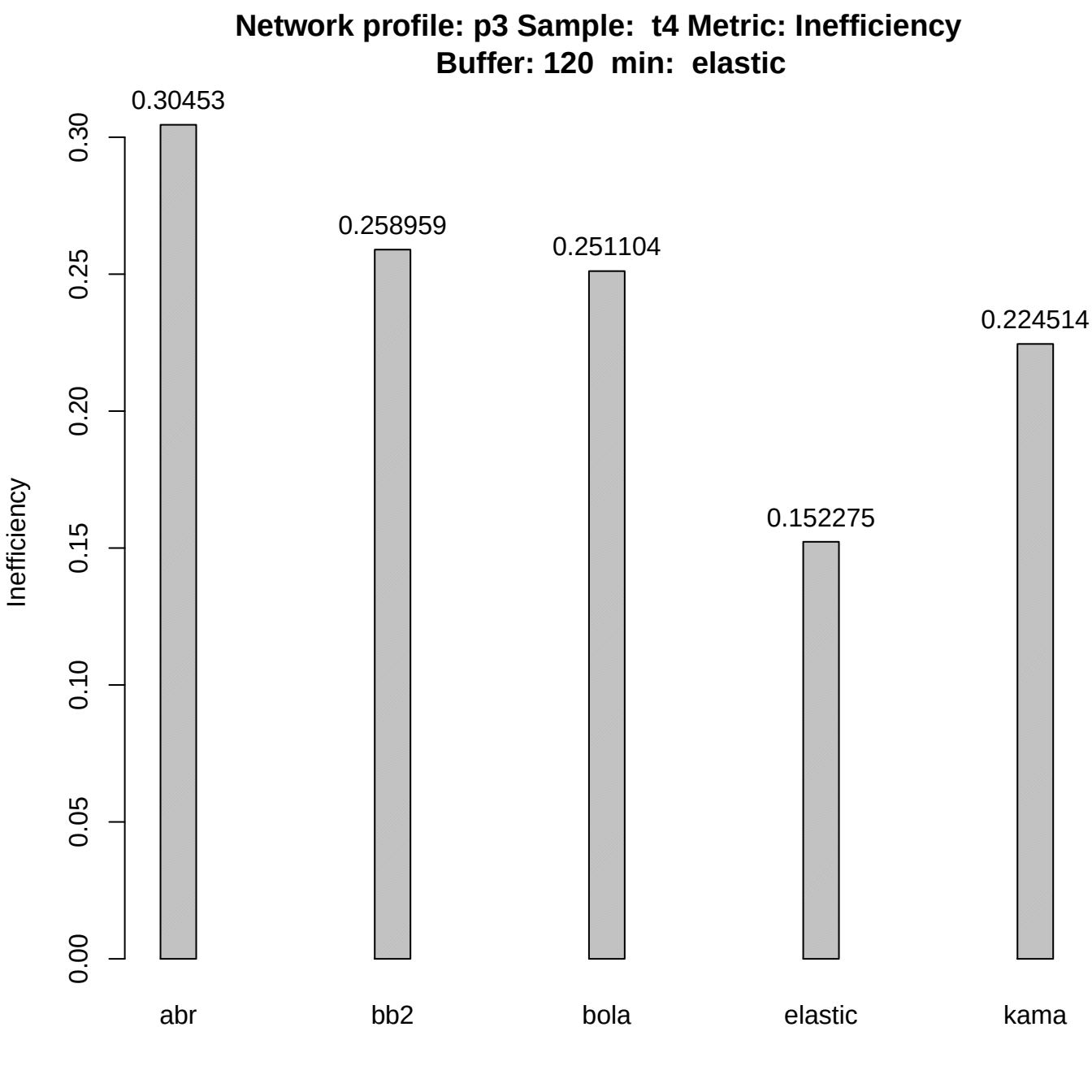

Network profile: p3 Sample: t2 Metric: # quality change
Buffer: 120 min: abr
Quality changes
0
5
10
15
20
25
30
4
23
5
31
14
abr
bb2
bola
elastic
kama

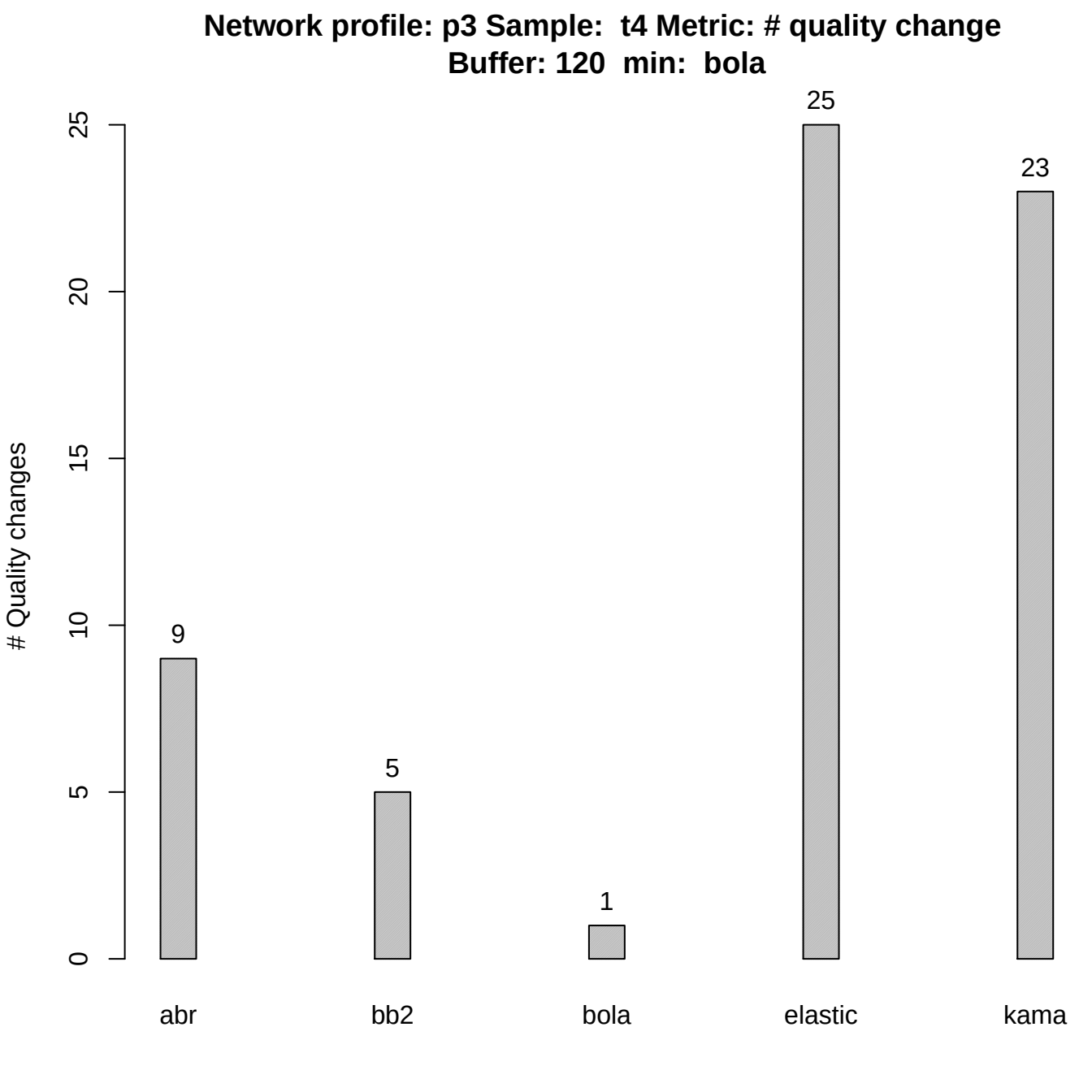

Network profile: p3 Sample: t3 Metric: Avg−Bitrate
Buffer: 120 max: elastic
Kbps
0
1000
2000
3000
4000
1357.23
2142.82
1923.17
4032.45
2225.68
abr
bb2
bola
elastic
kama

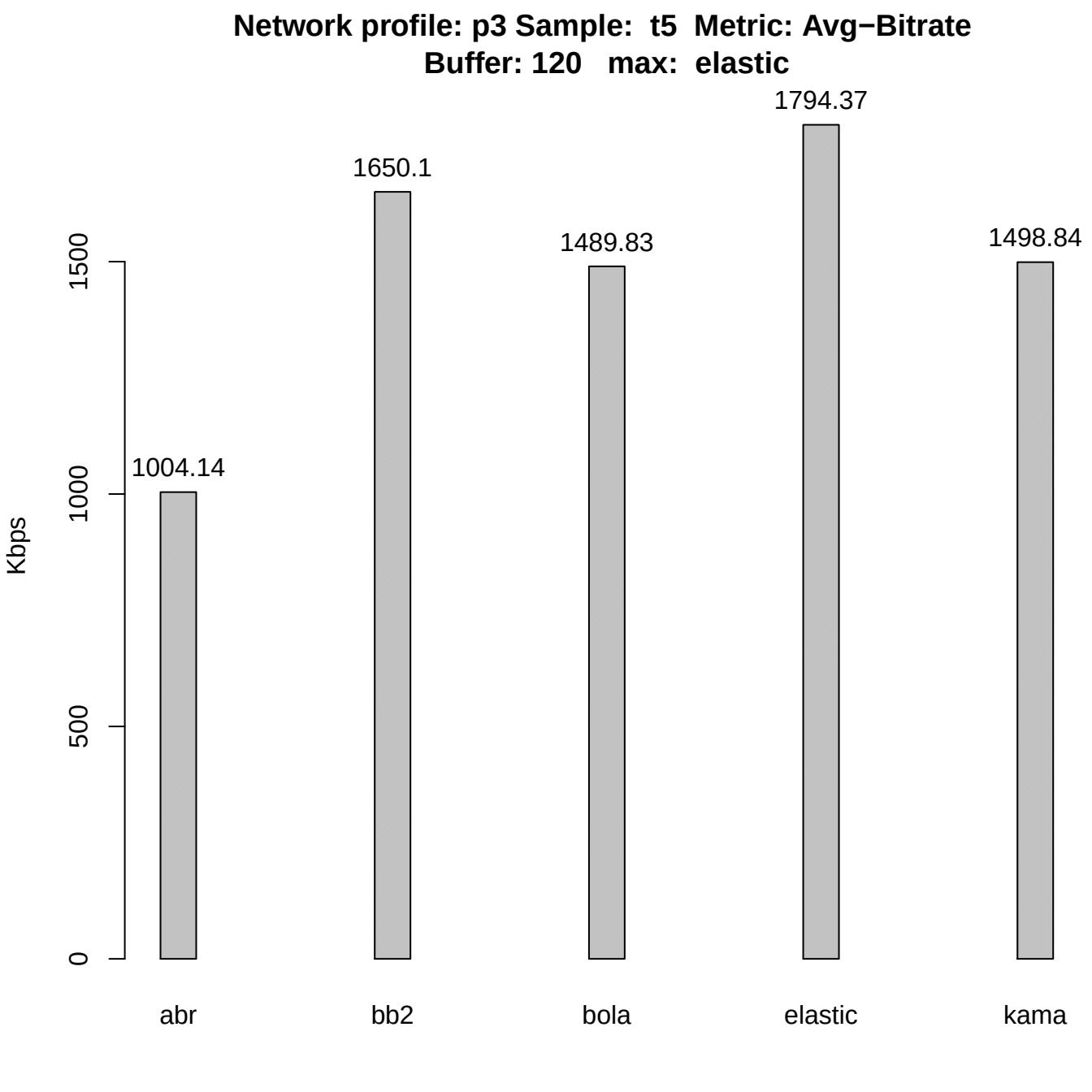

Network profile: p3 Sample: t3 Metric: Inefficiency
Buffer: 120 min: kama
Inefficiency
0.0
0.2
0.4
0.6
0.8
0.27696
0.249773
0.220537
0.927936
0.204092
abr
bb2
bola
elastic
kama

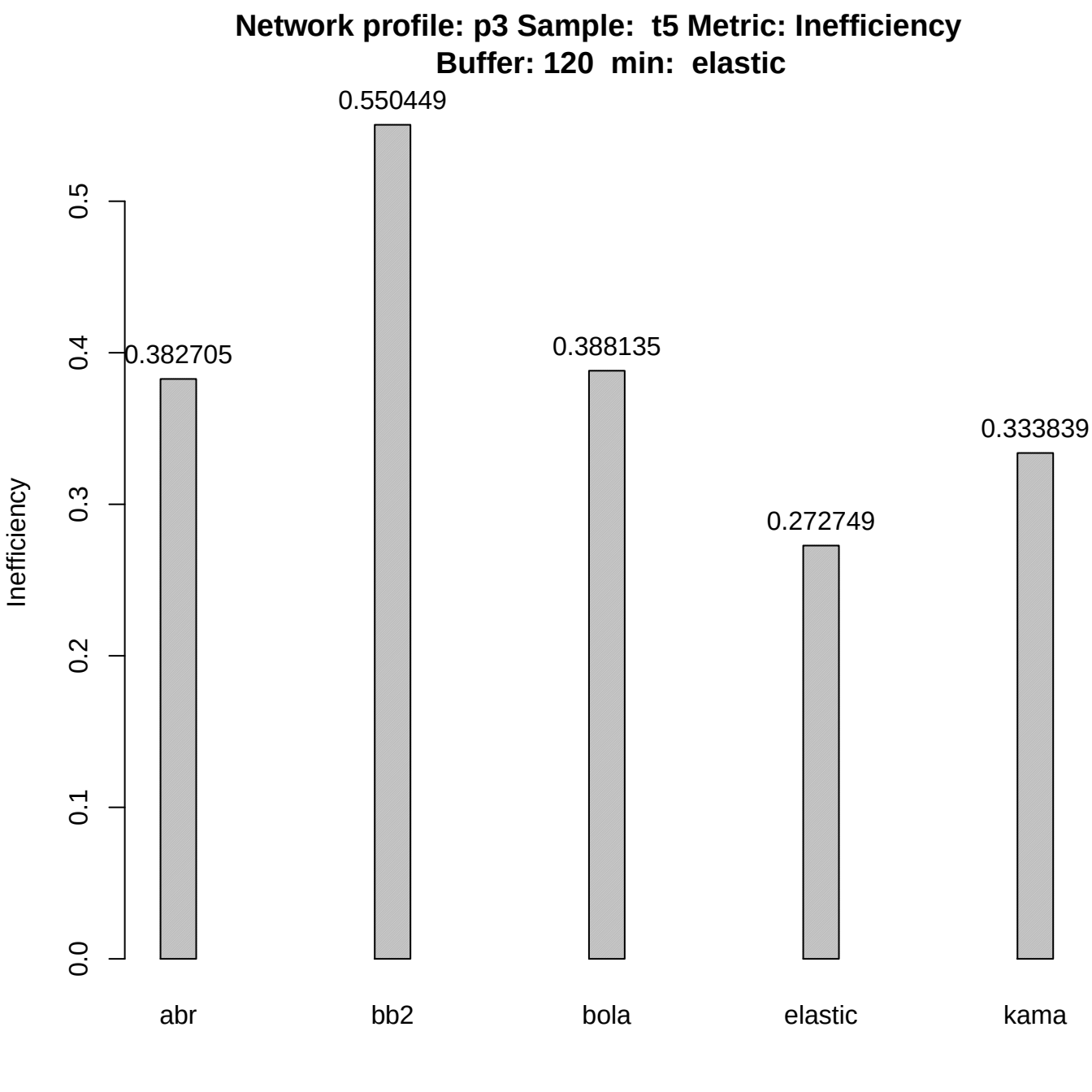

Network profile: p3 Sample: t3 Metric: # quality change
Buffer: 120 min: bola
Quality changes
0
5
10
15
20
25
30
32
7
1
2
23
abr
bb2
bola
elastic
kama

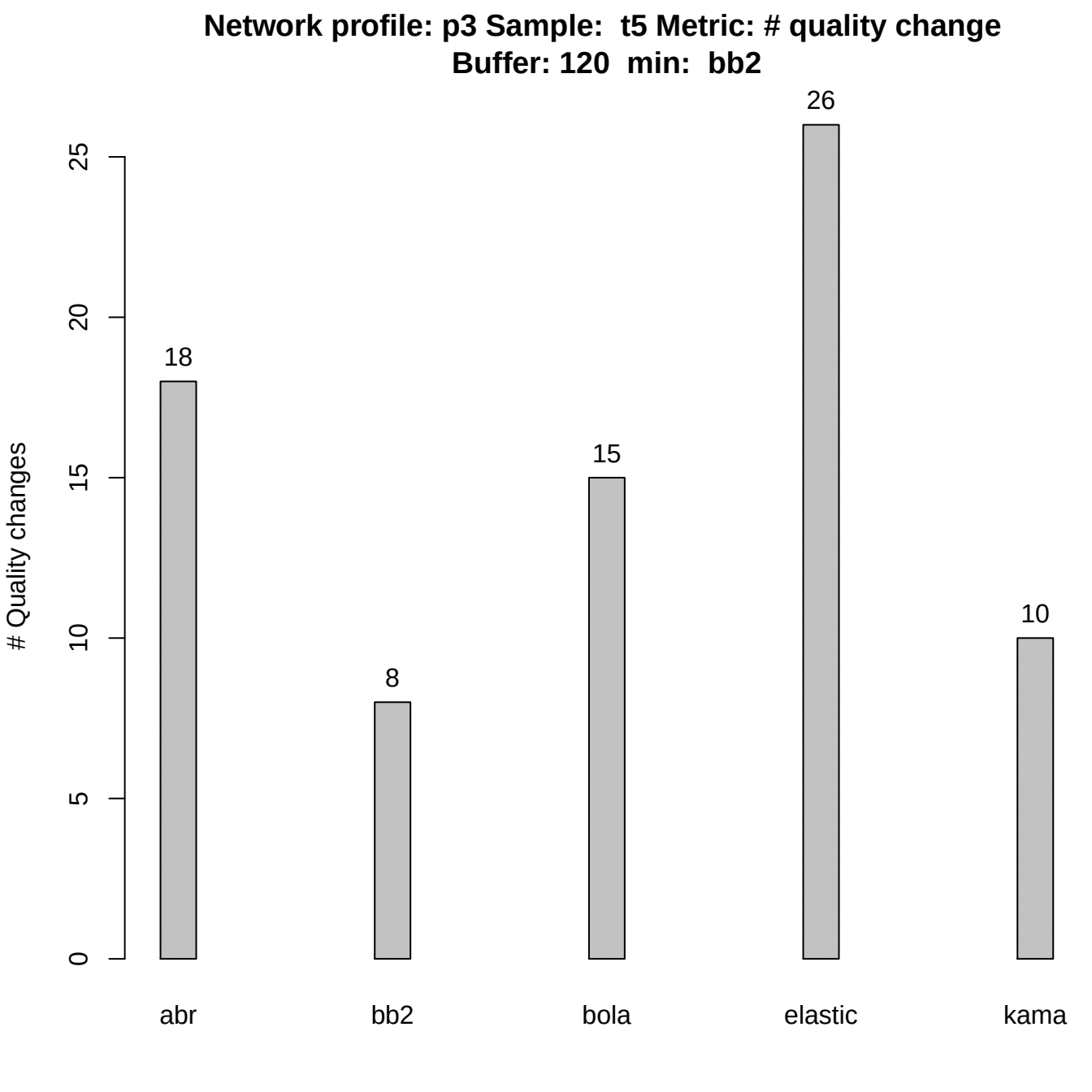

Network profile: p3 Sample: t4 Metric: Avg−Bitrate
Buffer: 120 max: kama
Kbps
0
500
1000
1500
2000
1401.75
2075.68
1744.98
2178.33
2191.93
abr
bb2
bola
elastic
kama

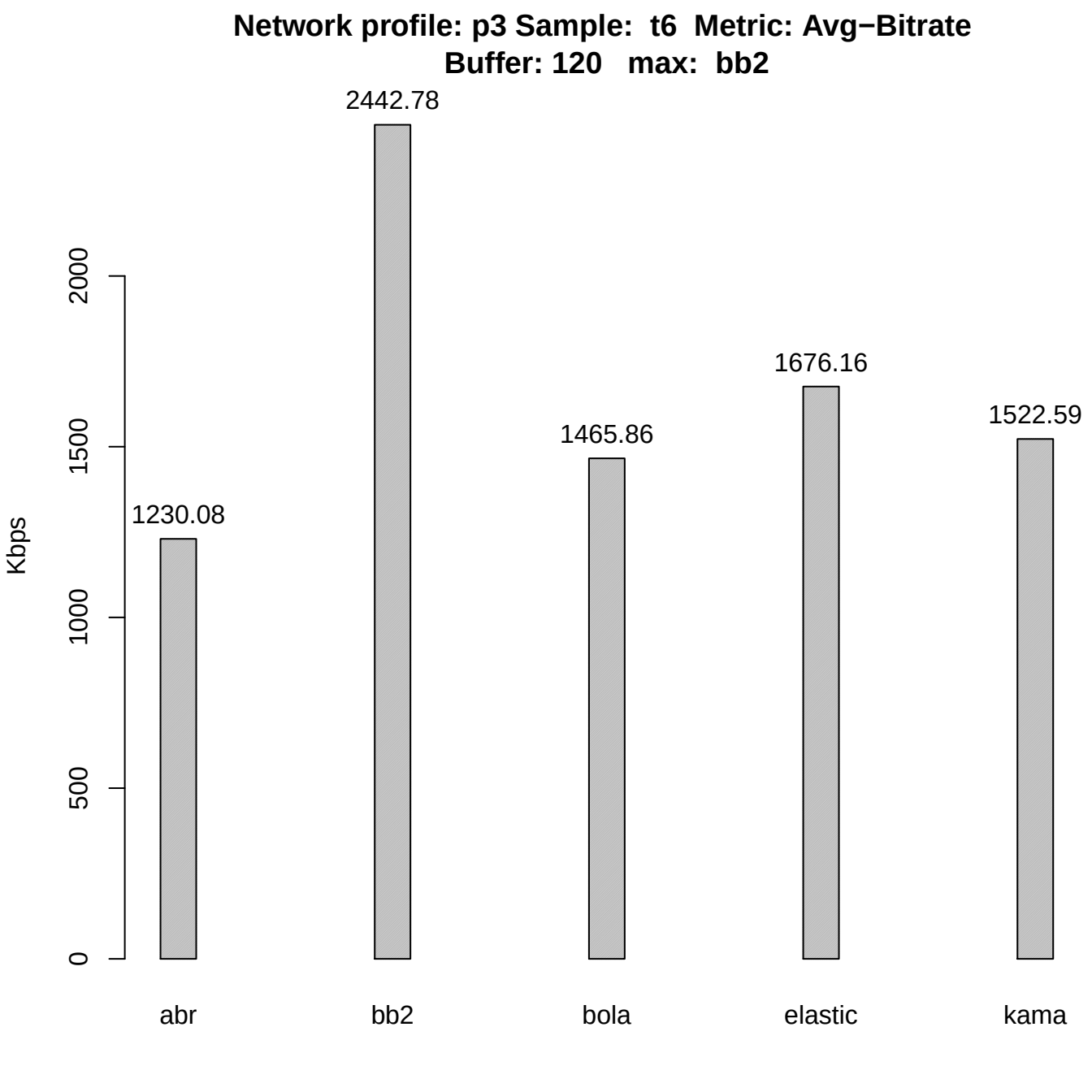

Network profile: p3 Sample: t4 Metric: Inefficiency
Buffer: 120 min: elastic
Inefficiency
0.00
0.05
0.10
0.15
0.20
0.25
0.30
0.30453
0.258959
0.251104
0.152275
0.224514
abr
bb2
bola
elastic
kama

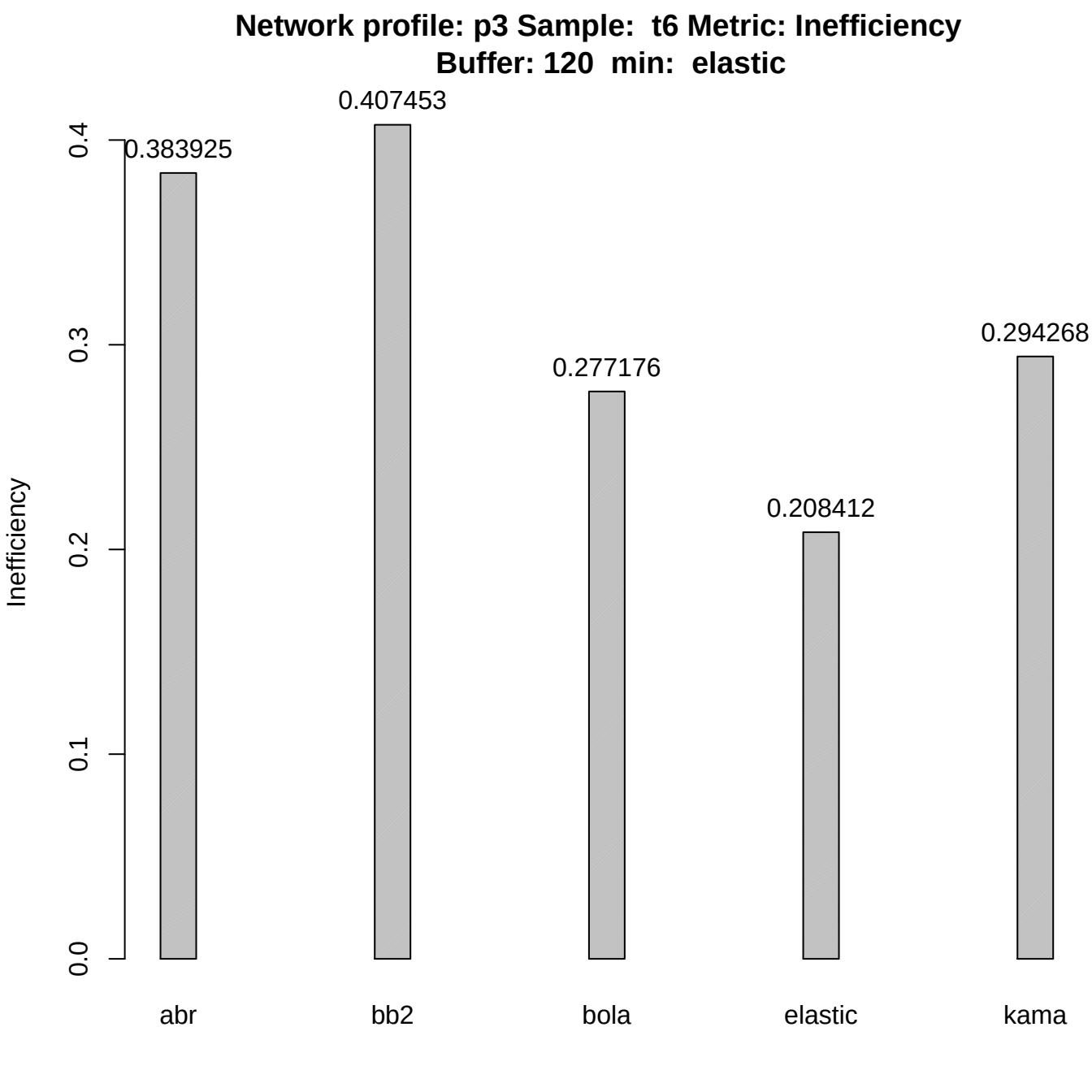

Network profile: p3 Sample: t4 Metric: # quality change
Buffer: 120 min: bola
Quality changes
0
5
10
15
20
25
9
5
1
25
23
abr
bb2
bola
elastic
kama

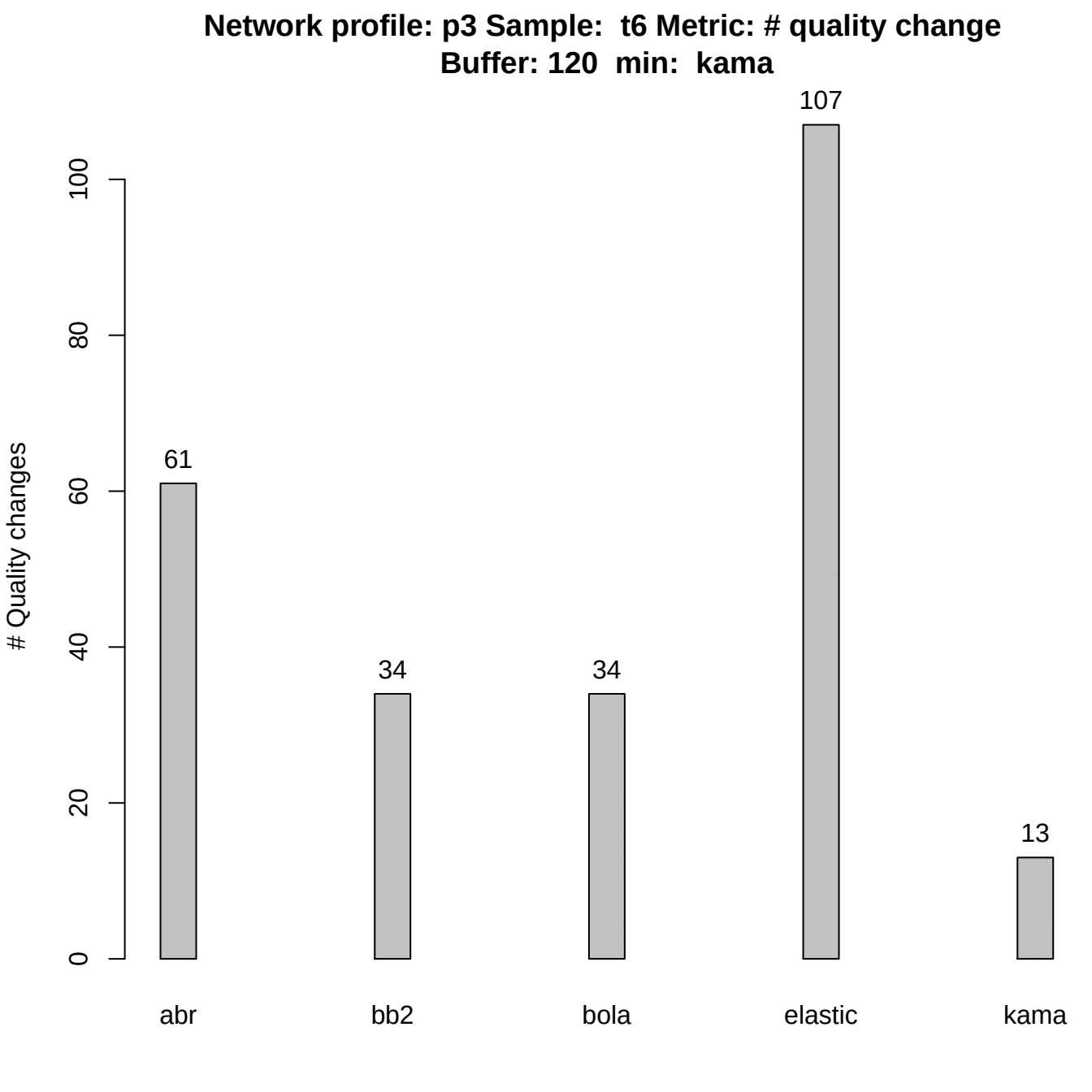

Network profile: p3 Sample: t5 Metric: Avg−Bitrate
Buffer: 120 max: elastic
Kbps
0
500
1000
1500
1004.14
1650.1
1489.83
1794.37
1498.84
abr
bb2
bola
elastic
kama

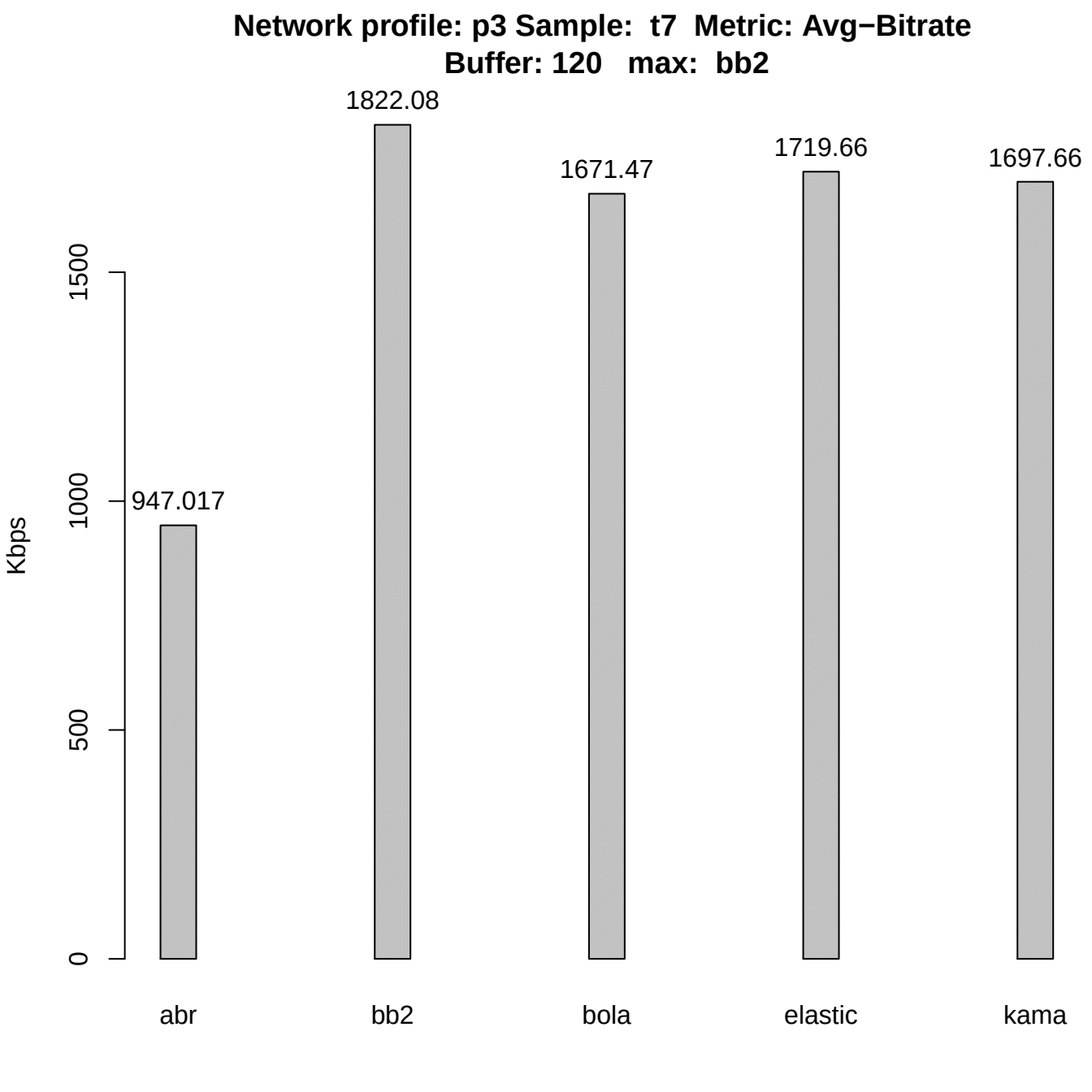

Network profile: p3 Sample: t5 Metric: Inefficiency
Buffer: 120 min: elastic
Inefficiency
0.0
0.1
0.2
0.3
0.4
0.5
0.382705
0.550449
0.388135
0.272749
0.333839
abr
bb2
bola
elastic
kama

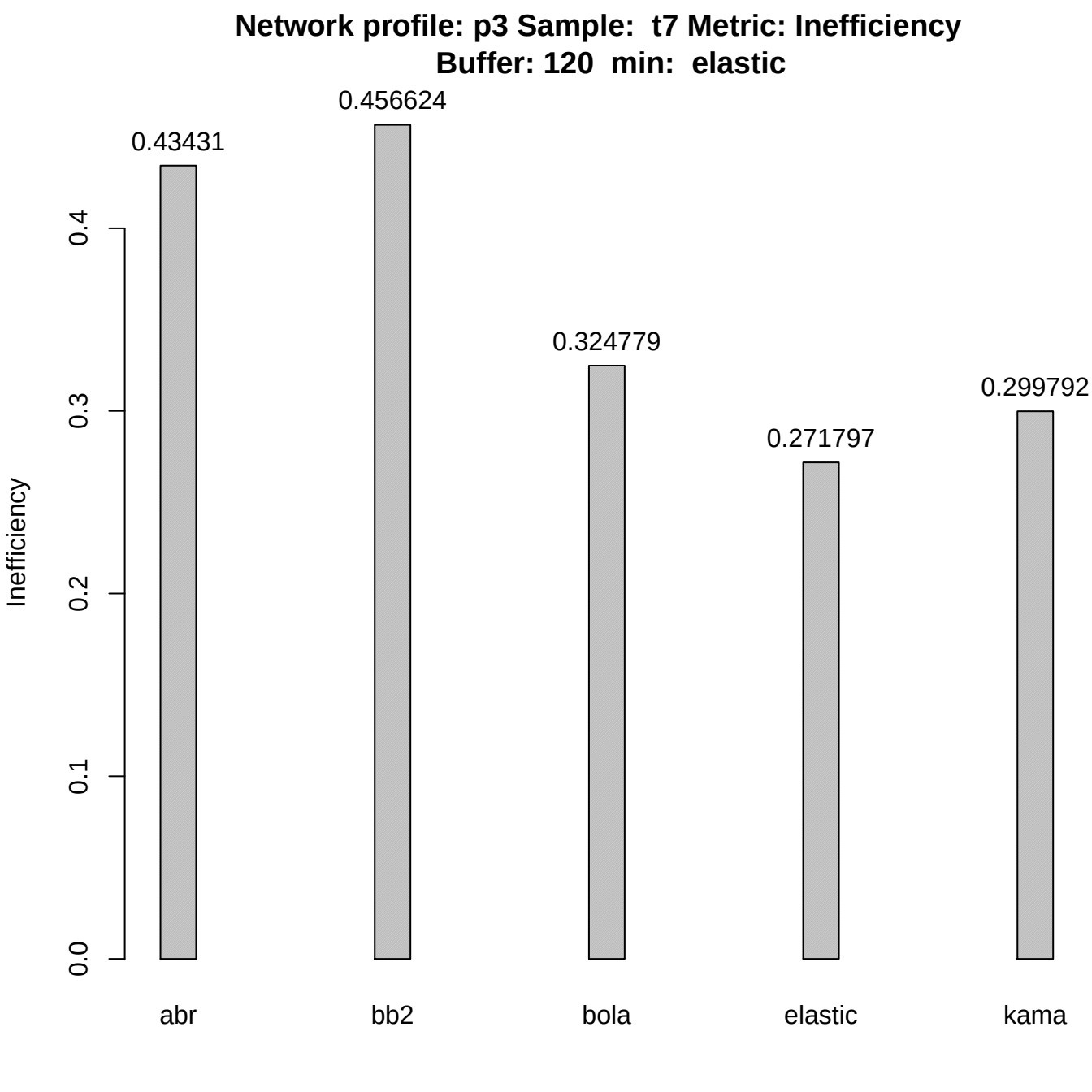

Network profile: p3 Sample: t5 Metric: # quality change
Buffer: 120 min: bb2
Quality changes
0
5
10
15
20
25
18
8
15
26
10
abr
bb2
bola
elastic
kama

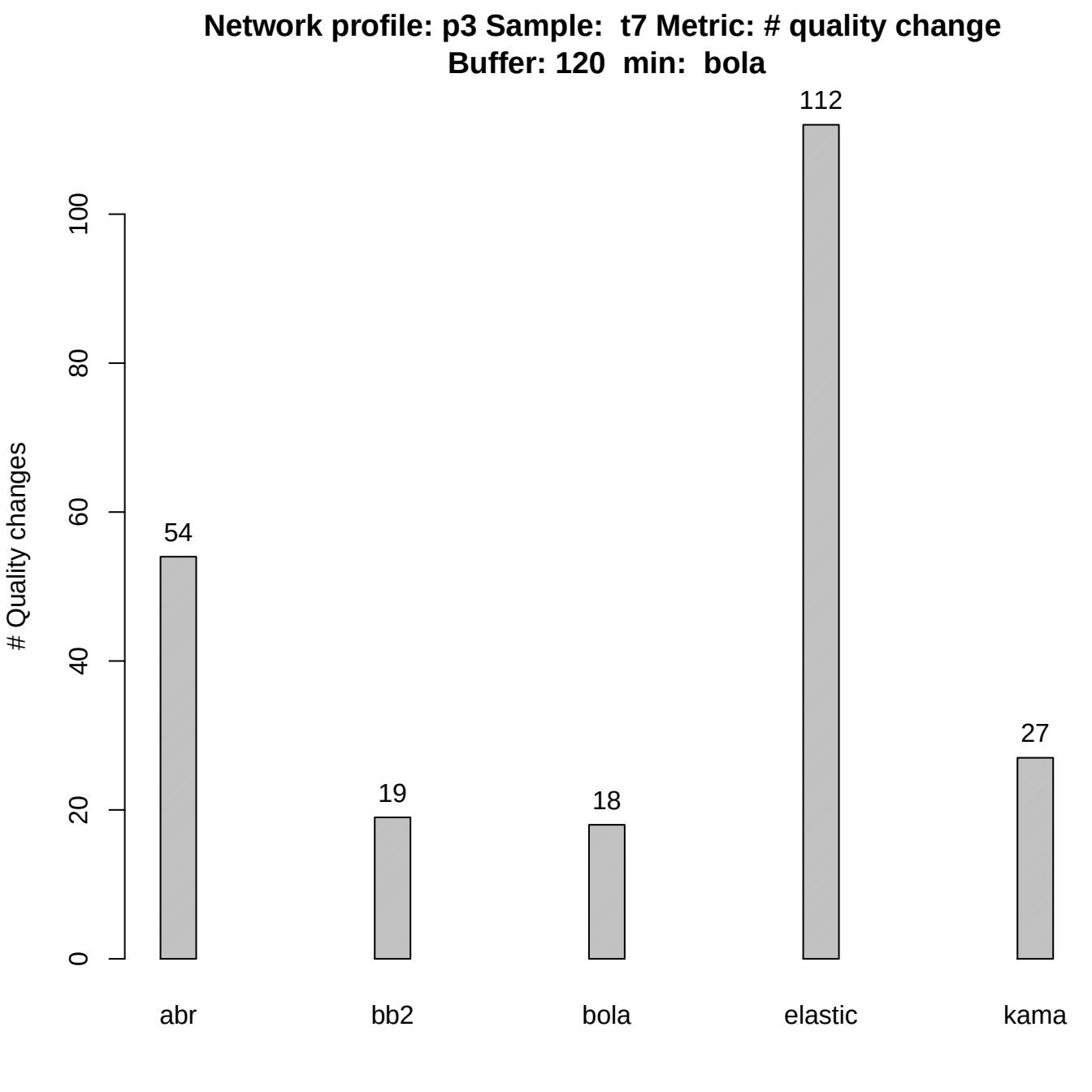

Network profile: p3 Sample: t6 Metric: Avg−Bitrate
Buffer: 120 max: bb2
Kbps
0
500
1000
1500
2000
1230.08
2442.78
1465.86
1676.16
1522.59
abr
bb2
bola
elastic
kama

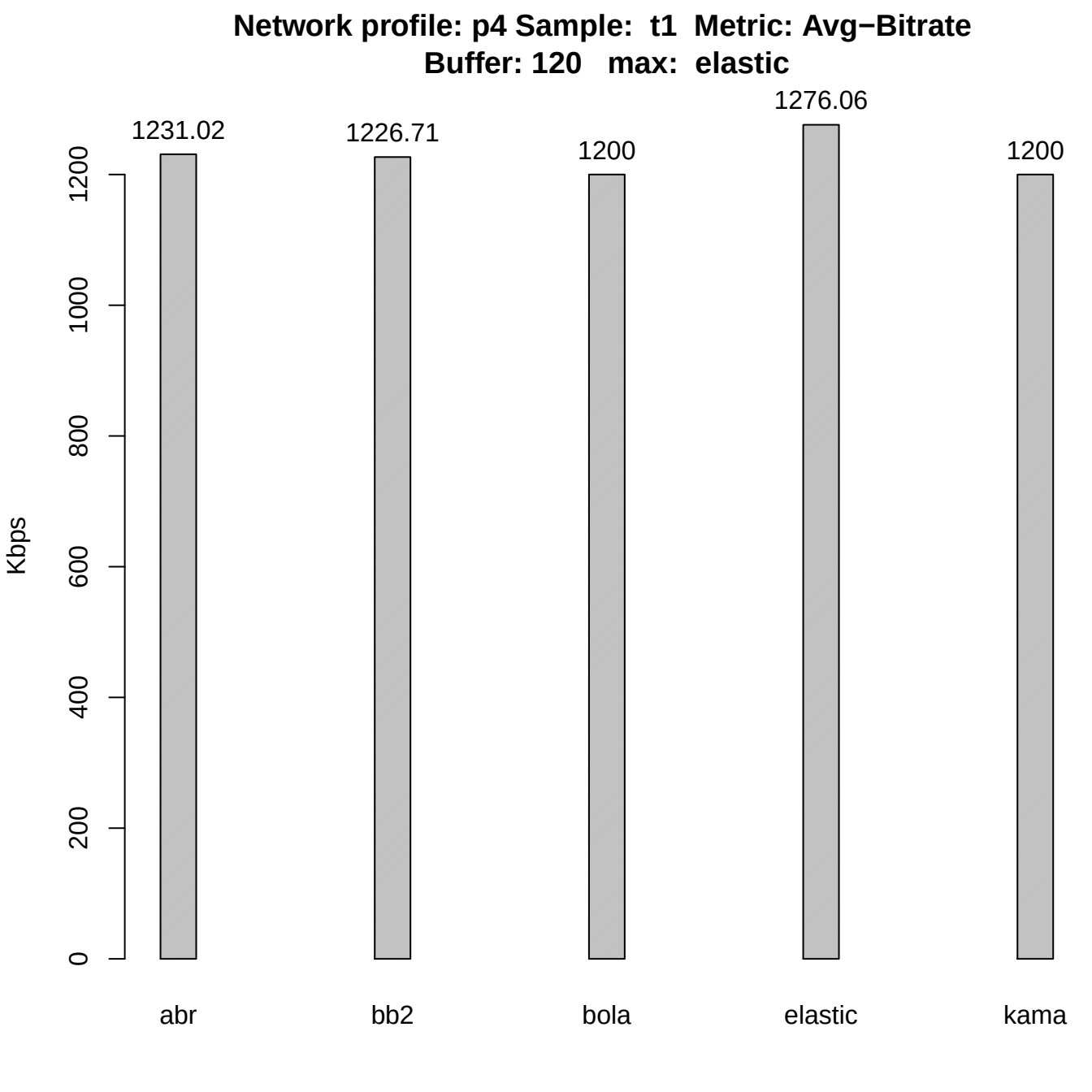

Network profile: p3 Sample: t6 Metric: Inefficiency
Buffer: 120 min: elastic
Inefficiency
0.0
0.1
0.2
0.3
0.4
0.383925
0.407453
0.277176
0.208412
0.294268
abr
bb2
bola
elastic
kama

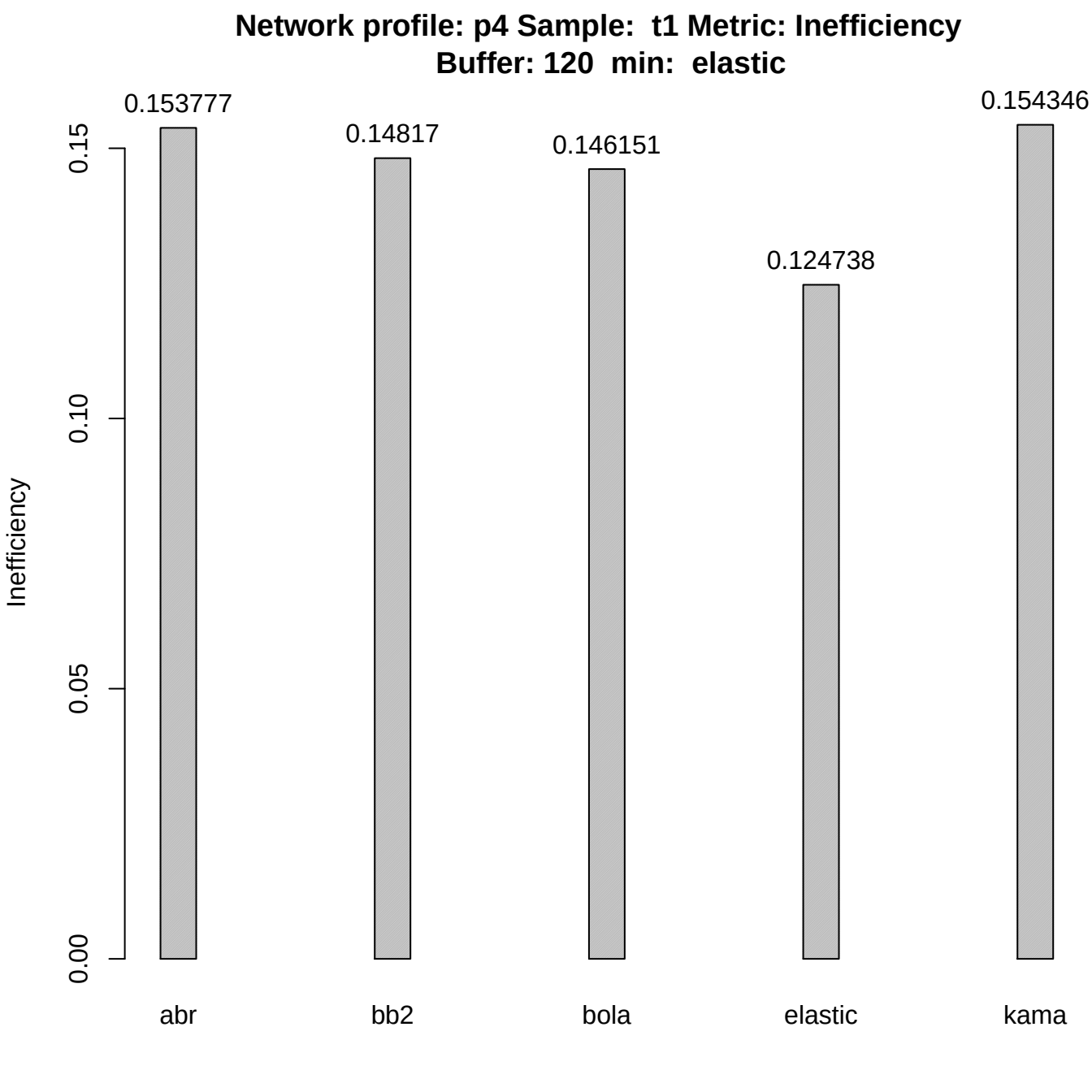

Network profile: p3 Sample: t6 Metric: # quality change
Buffer: 120 min: kama
Quality changes
0
20
40
60
80
100
61
34
34
107
13
abr
bb2
bola
elastic
kama

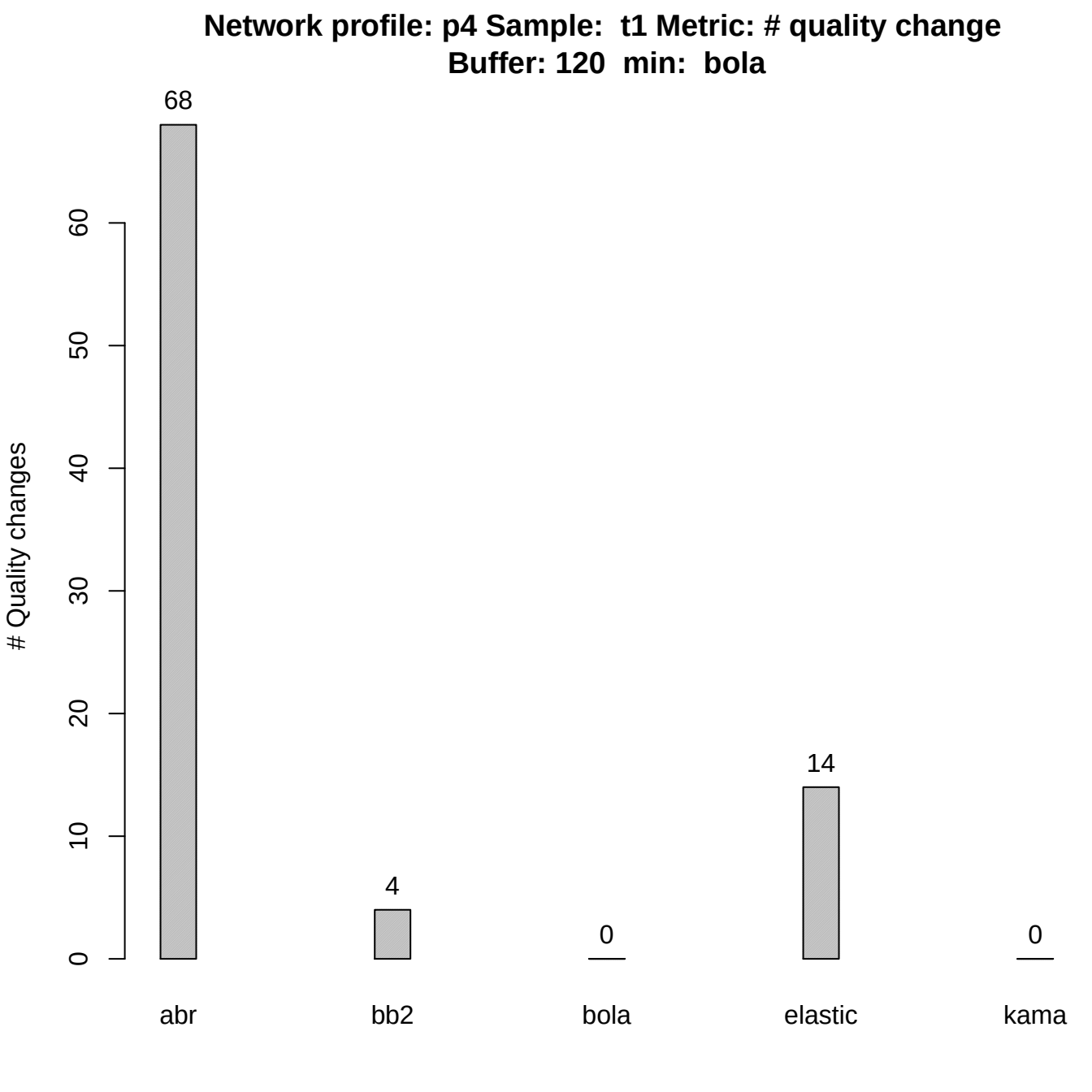

Network profile: p3 Sample: t7 Metric: Avg−Bitrate
Buffer: 120 max: bb2
Kbps
0
500
1000
1500
947.017
1822.08
1671.47
1719.66
1697.66
abr
bb2
bola
elastic
kama

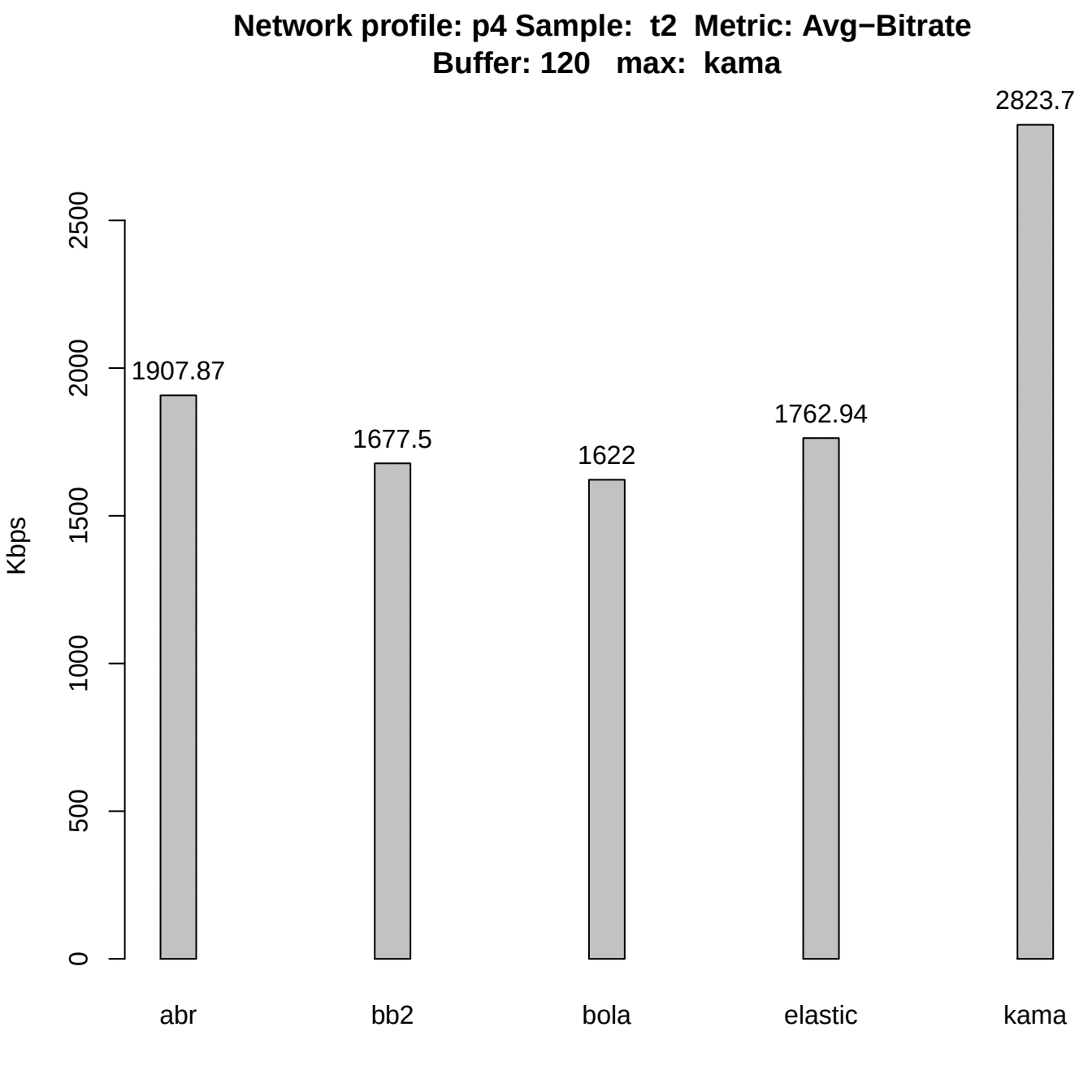

Network profile: p3 Sample: t7 Metric: Inefficiency
Buffer: 120 min: elastic
Inefficiency
0.0
0.1
0.2
0.3
0.4
0.43431
0.456624
0.324779
0.271797
0.299792
abr
bb2
bola
elastic
kama

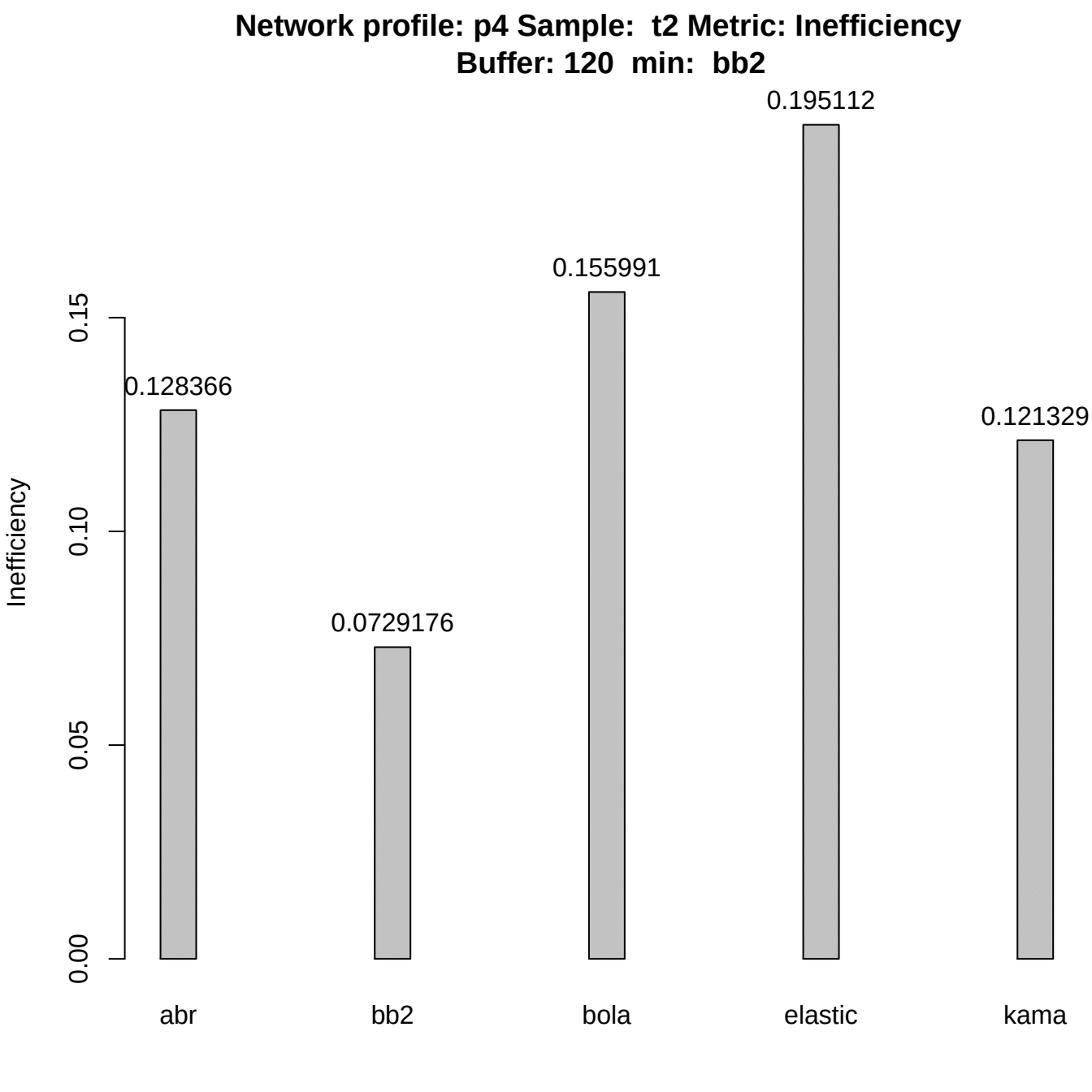

Network profile: p3 Sample: t7 Metric: # quality change
Buffer: 120 min: bola
Quality changes
0
20
40
60
80
100
54
19
18
112
27
abr
bb2
bola
elastic
kama

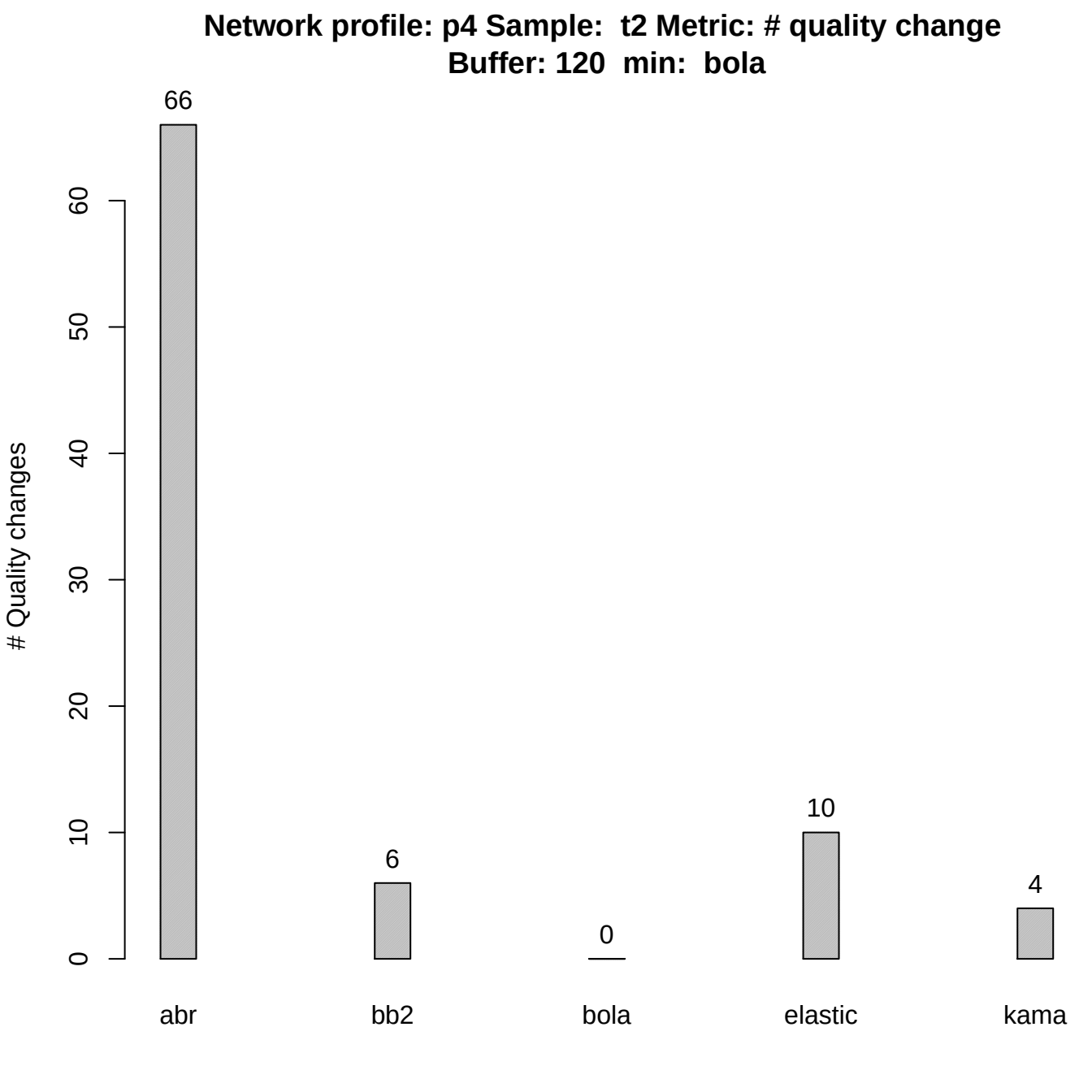

Network profile: p4 Sample: t1 Metric: Avg−Bitrate
Buffer: 120 max: elastic
Kbps
0
200
400
600
800
1000
1200
1231.02
1226.71
1200
1276.06
1200
abr
bb2
bola
elastic
kama

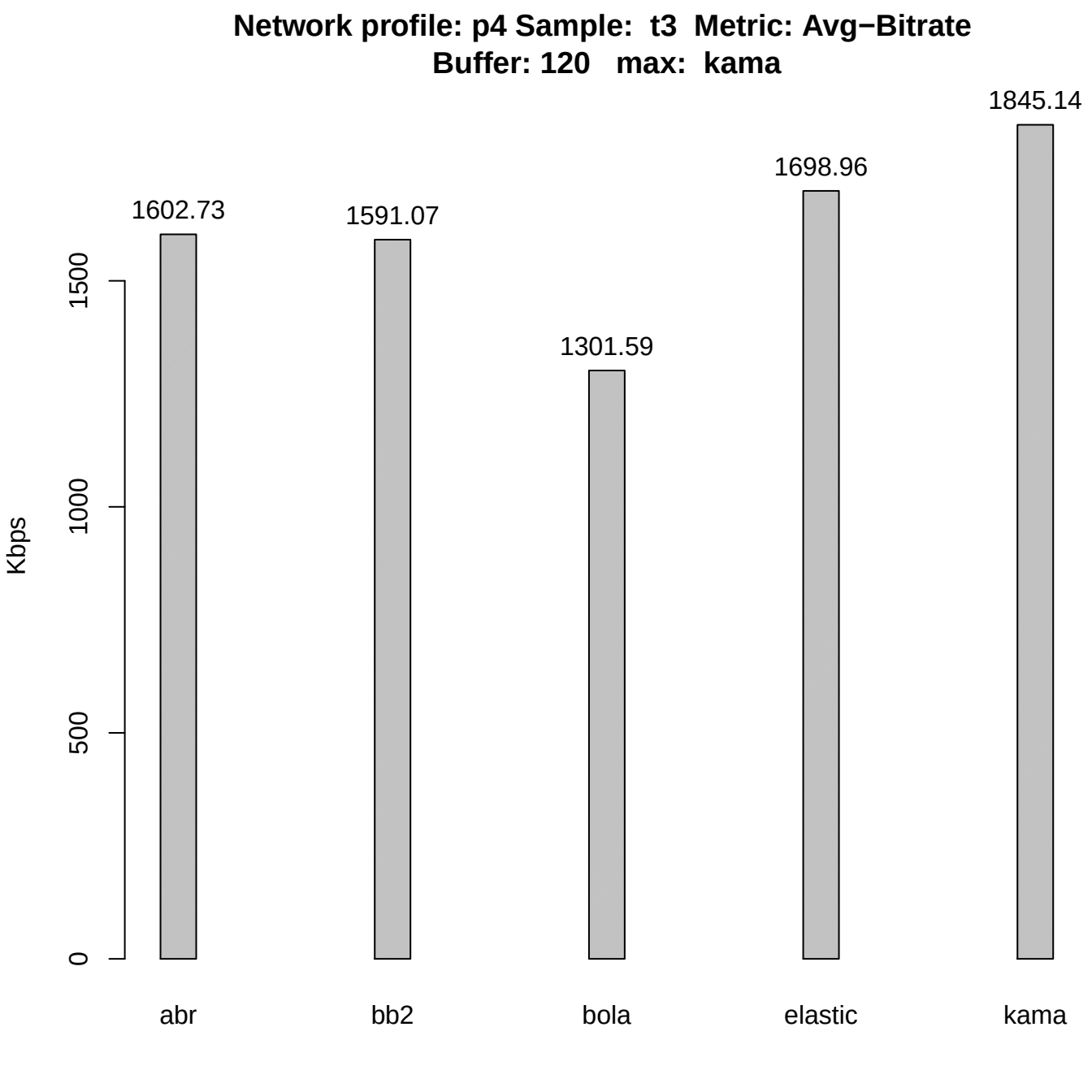

Network profile: p4 Sample: t1 Metric: Inefficiency
Buffer: 120 min: elastic
Inefficiency
0.00
0.05
0.10
0.15
0.153777
0.14817
0.146151
0.124738
0.154346
abr
bb2
bola
elastic
kama

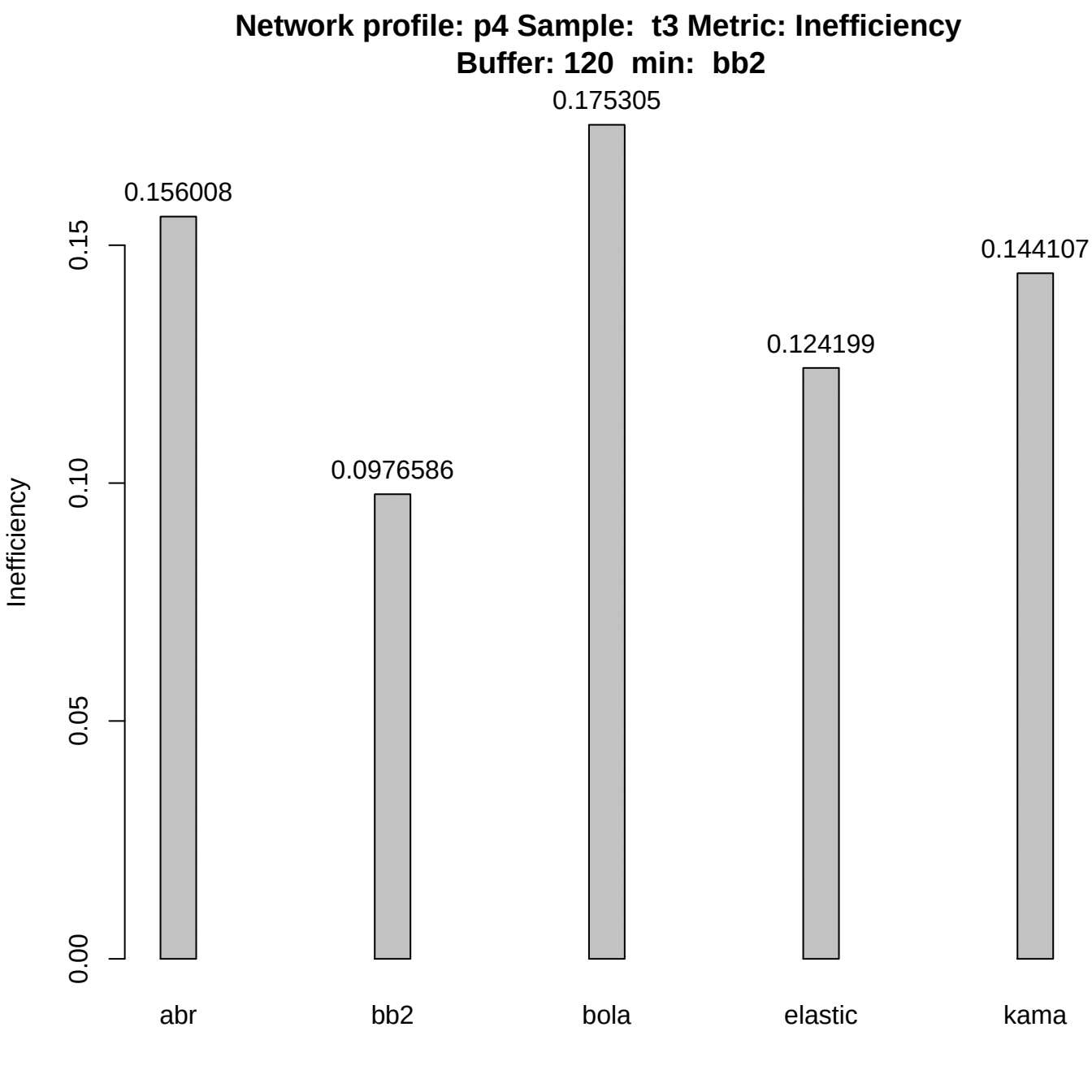

Network profile: p4 Sample: t1 Metric: # quality change
Buffer: 120 min: bola
Quality changes
0
10
20
30
40
50
60
68
4
0
14
0
abr
bb2
bola
elastic
kama

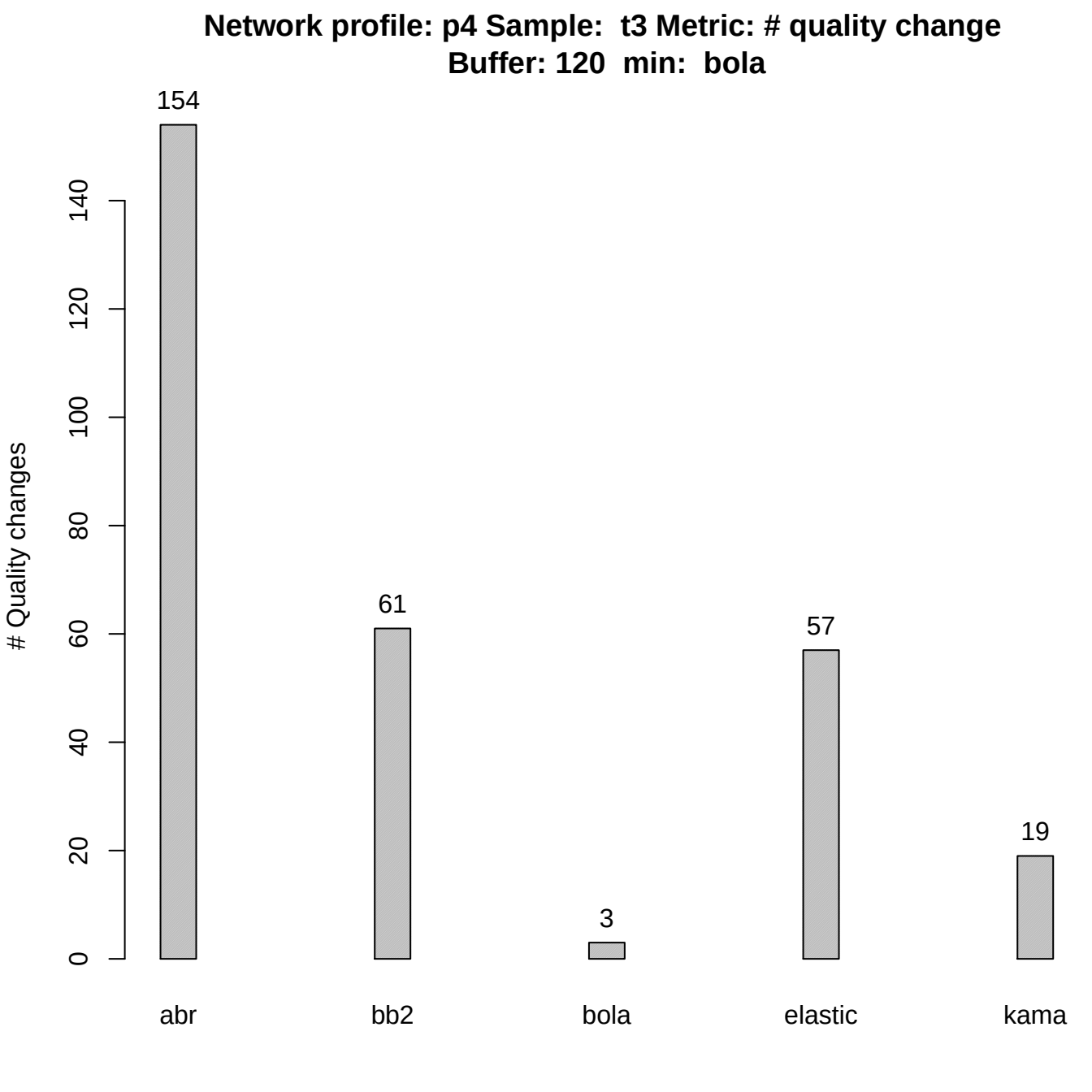

Network profile: p4 Sample: t2 Metric: Avg−Bitrate
Buffer: 120 max: kama
Kbps
0
500
1000
1500
2000
2500
1907.87
1677.5
1622
1762.94
2823.7
abr
bb2
bola
elastic
kama

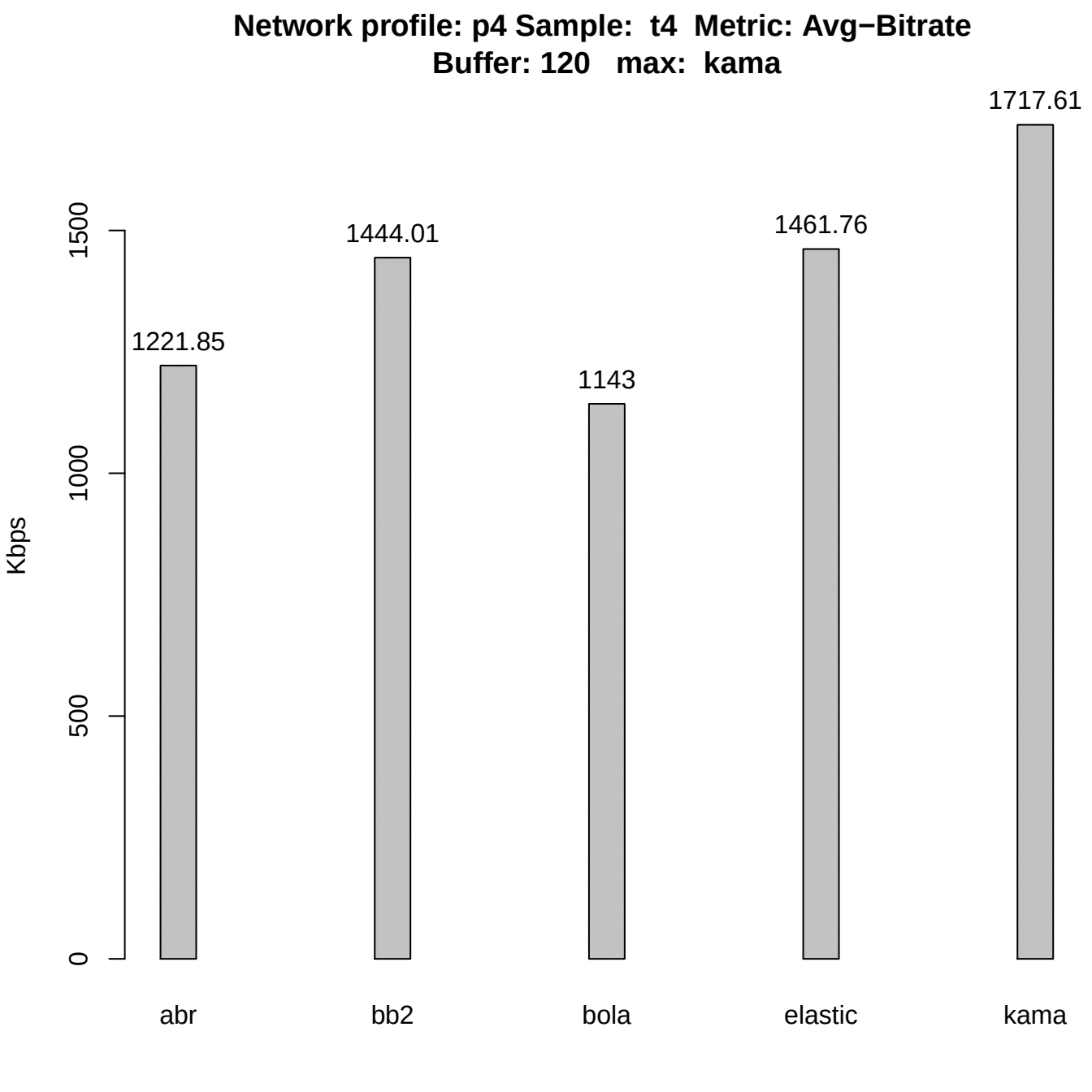

Network profile: p4 Sample: t2 Metric: Inefficiency
Buffer: 120 min: bb2
Inefficiency
0.00
0.05
0.10
0.15
0.128366
0.0729176
0.155991
0.195112
0.121329
abr
bb2
bola
elastic
kama

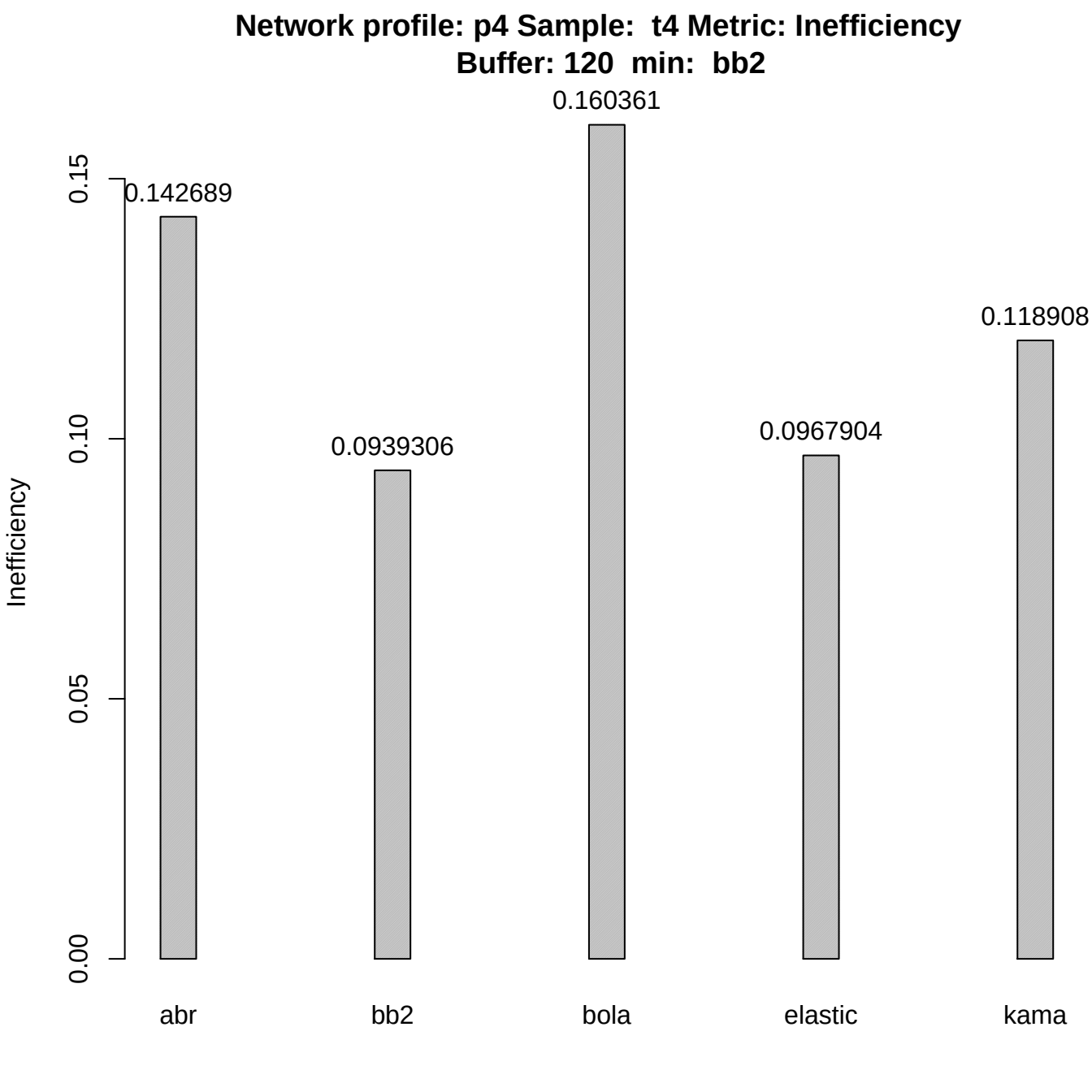

Network profile: p4 Sample: t2 Metric: # quality change
Buffer: 120 min: bola
Quality changes
0
10
20
30
40
50
60
66
6
0
10
4
abr
bb2
bola
elastic
kama

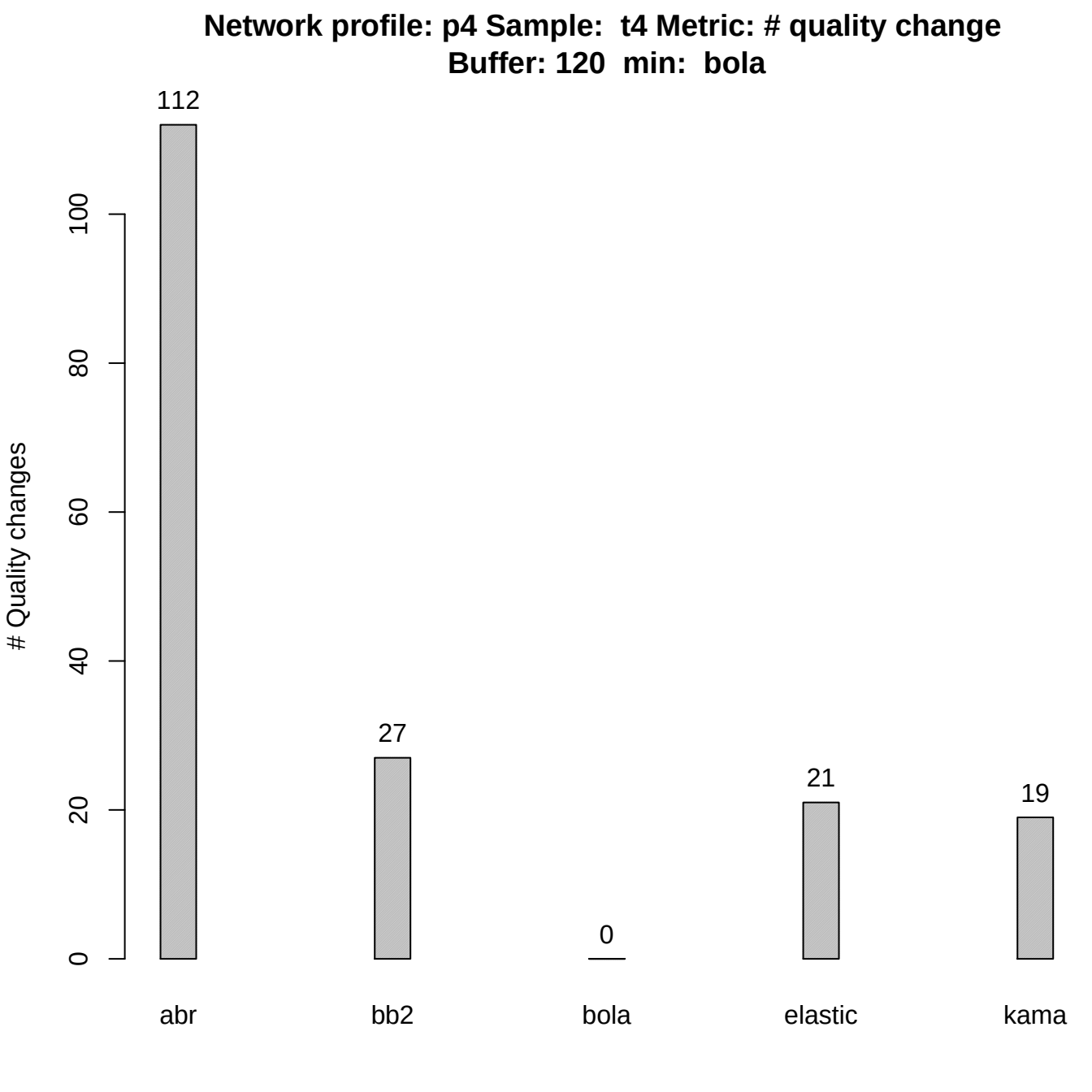

Network profile: p4 Sample: t3 Metric: Avg−Bitrate
Buffer: 120 max: kama
Kbps
0
500
1000
1500
1602.73
1591.07
1301.59
1698.96
1845.14
abr
bb2
bola
elastic
kama

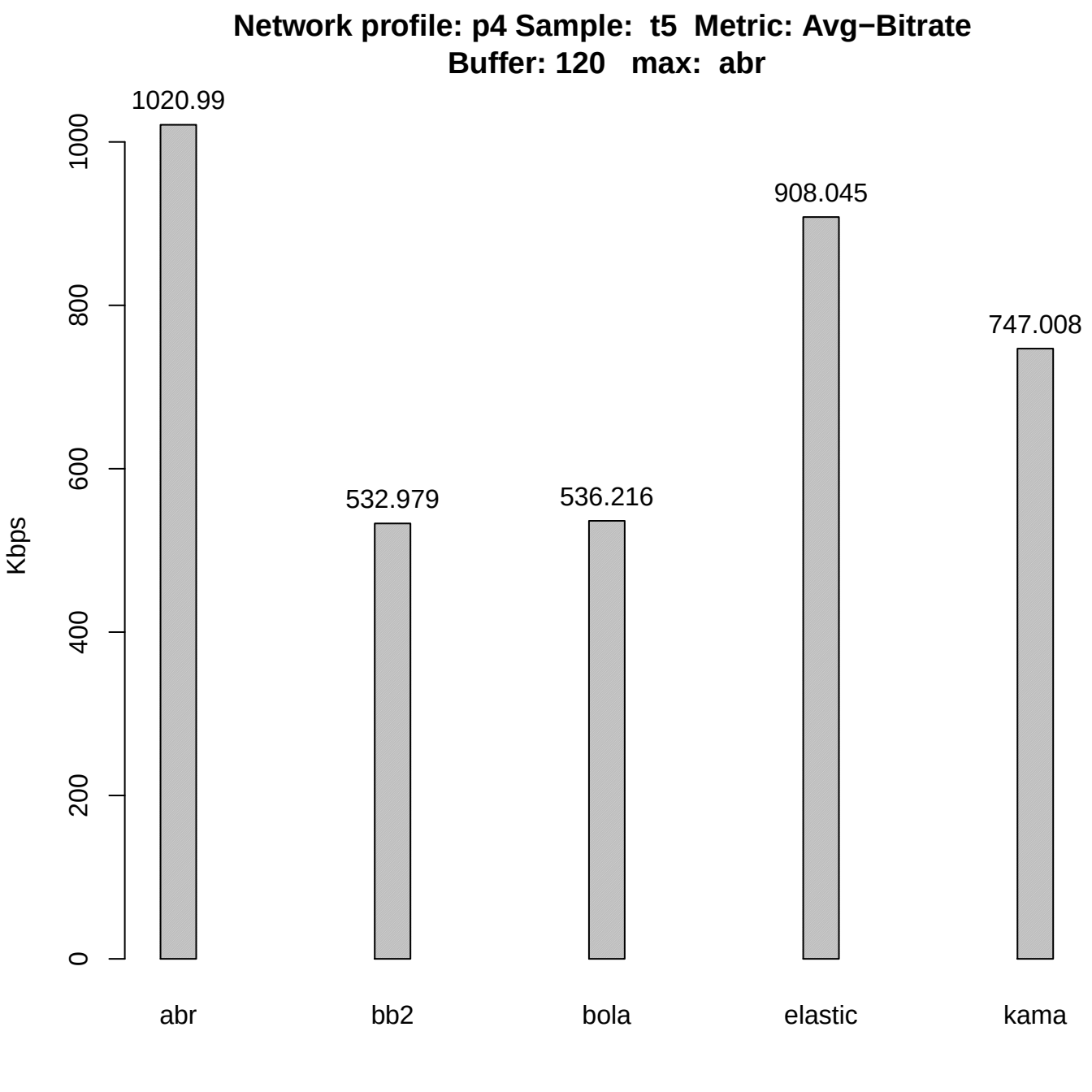

Network profile: p4 Sample: t3 Metric: Inefficiency
Buffer: 120 min: bb2
0.175305
0.156008
0.144107
0.124199
0.0976586
Inefficiency
0.00
0.05
0.10
0.15
abr
bb2
bola
elastic
kama

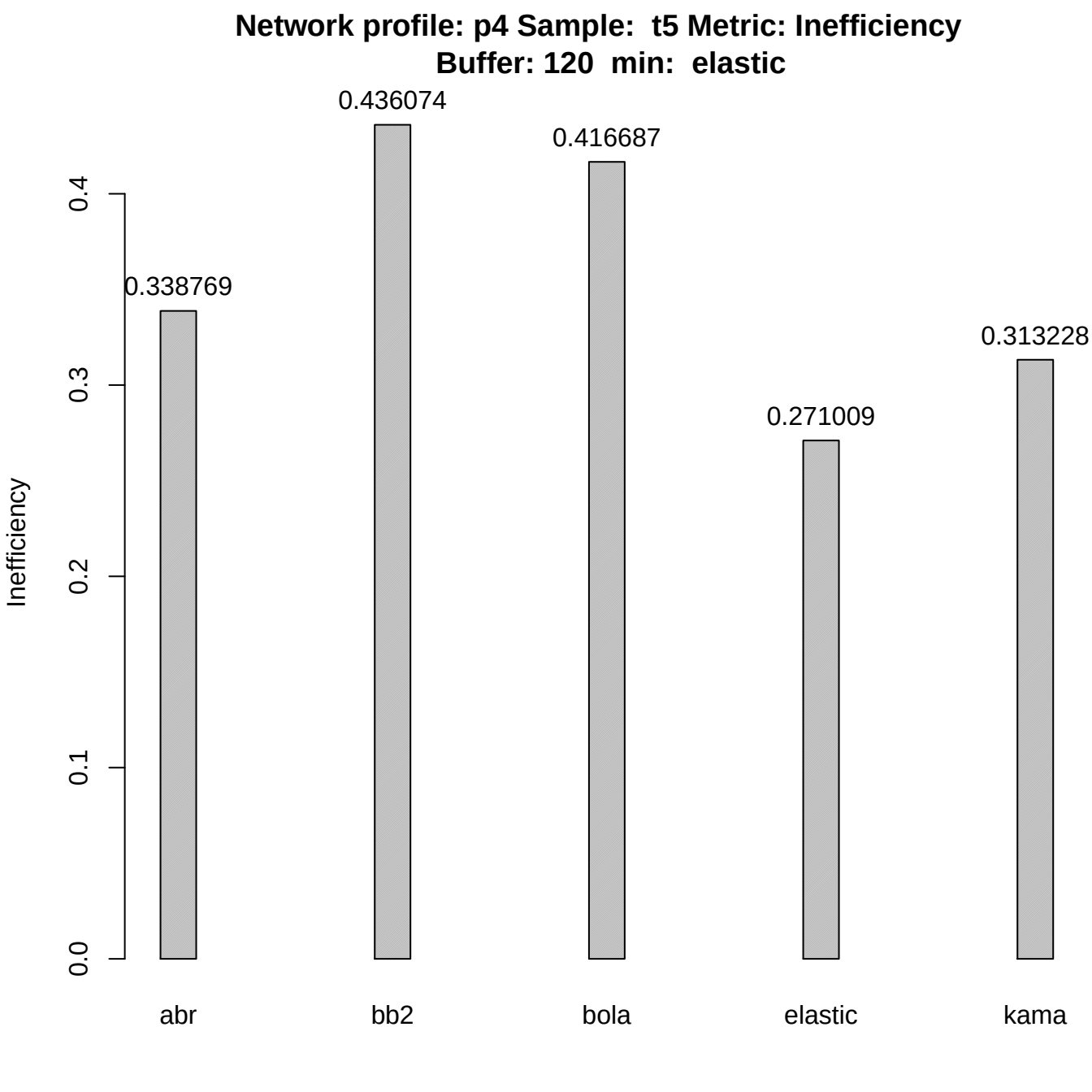

Network profile: p4 Sample: t3 Metric: # quality change
Buffer: 120 min: bola
Quality changes
0
20
40
60
80
100
120
140
154
61
3
57
19
abr
bb2
bola
elastic
kama

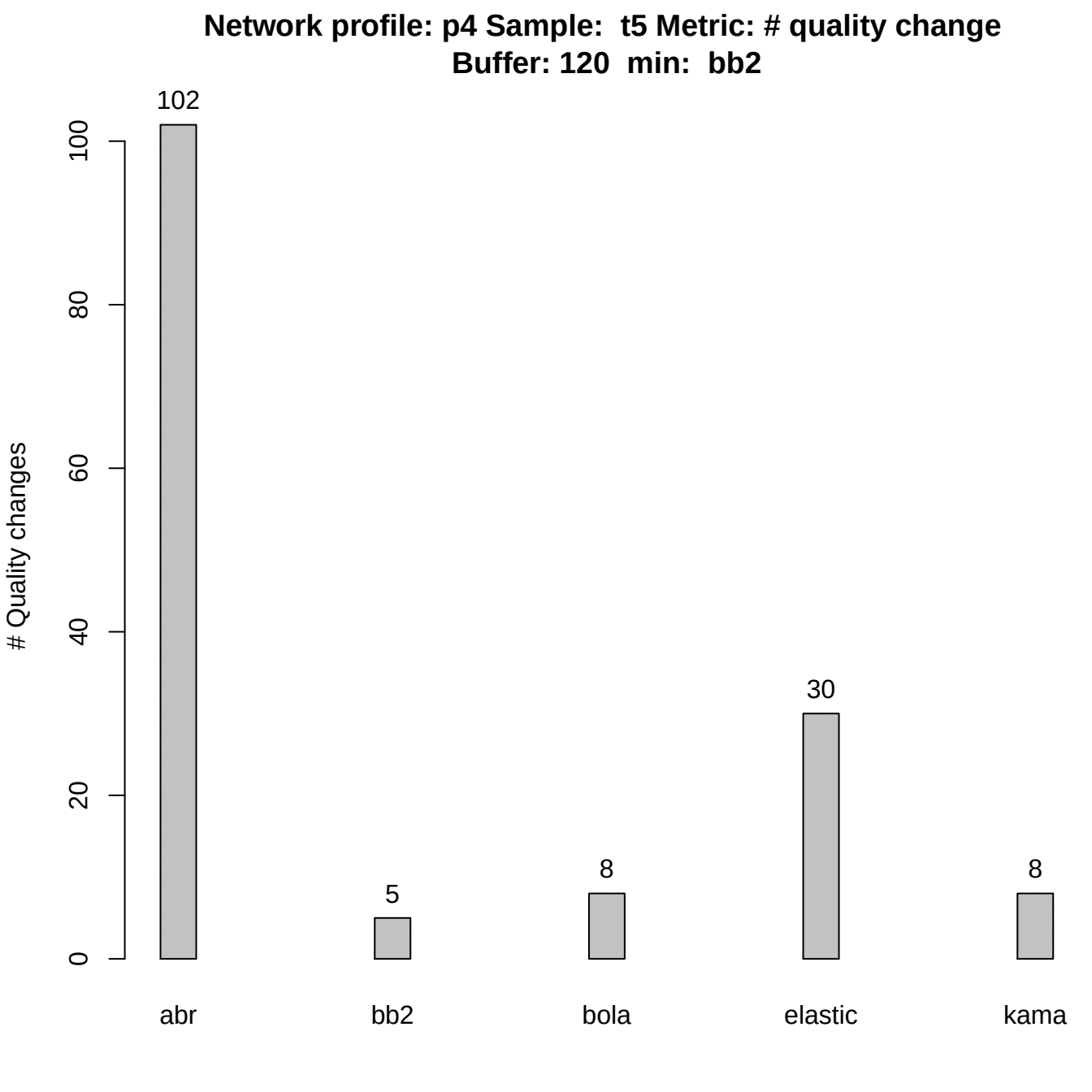

Network profile: p4 Sample: t4 Metric: Avg−Bitrate
Buffer: 120 max: kama
Kbps
0
500
1000
1500
1221.85
1444.01
1143
1461.76
1717.61
abr
bb2
bola
elastic
kama

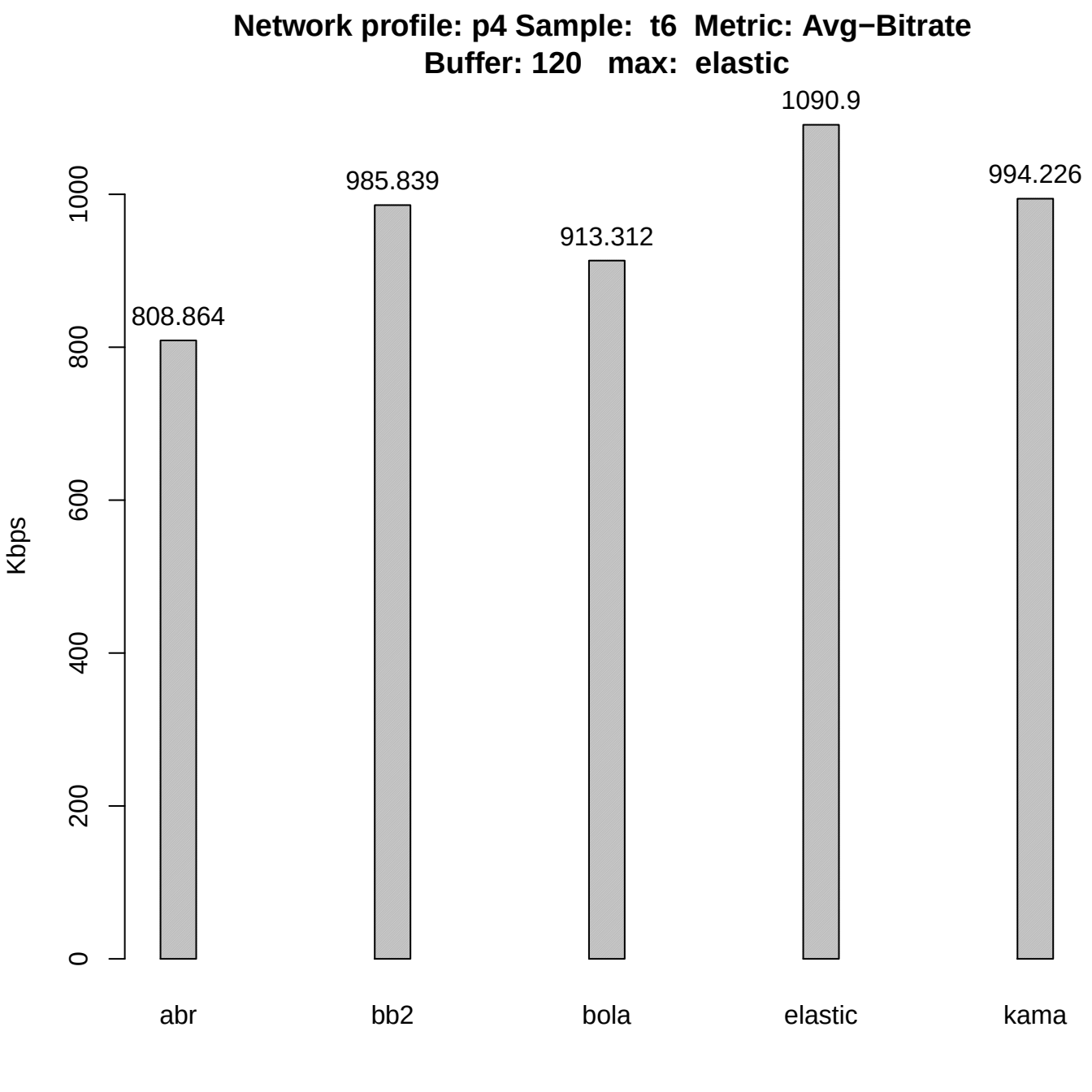

Network profile: p4 Sample: t4 Metric: Inefficiency
Buffer: 120 min: bb2
Inefficiency
0.00
0.05
0.10
0.15
0.142689
0.0939306
0.160361
0.0967904
0.118908
abr
bb2
bola
elastic
kama

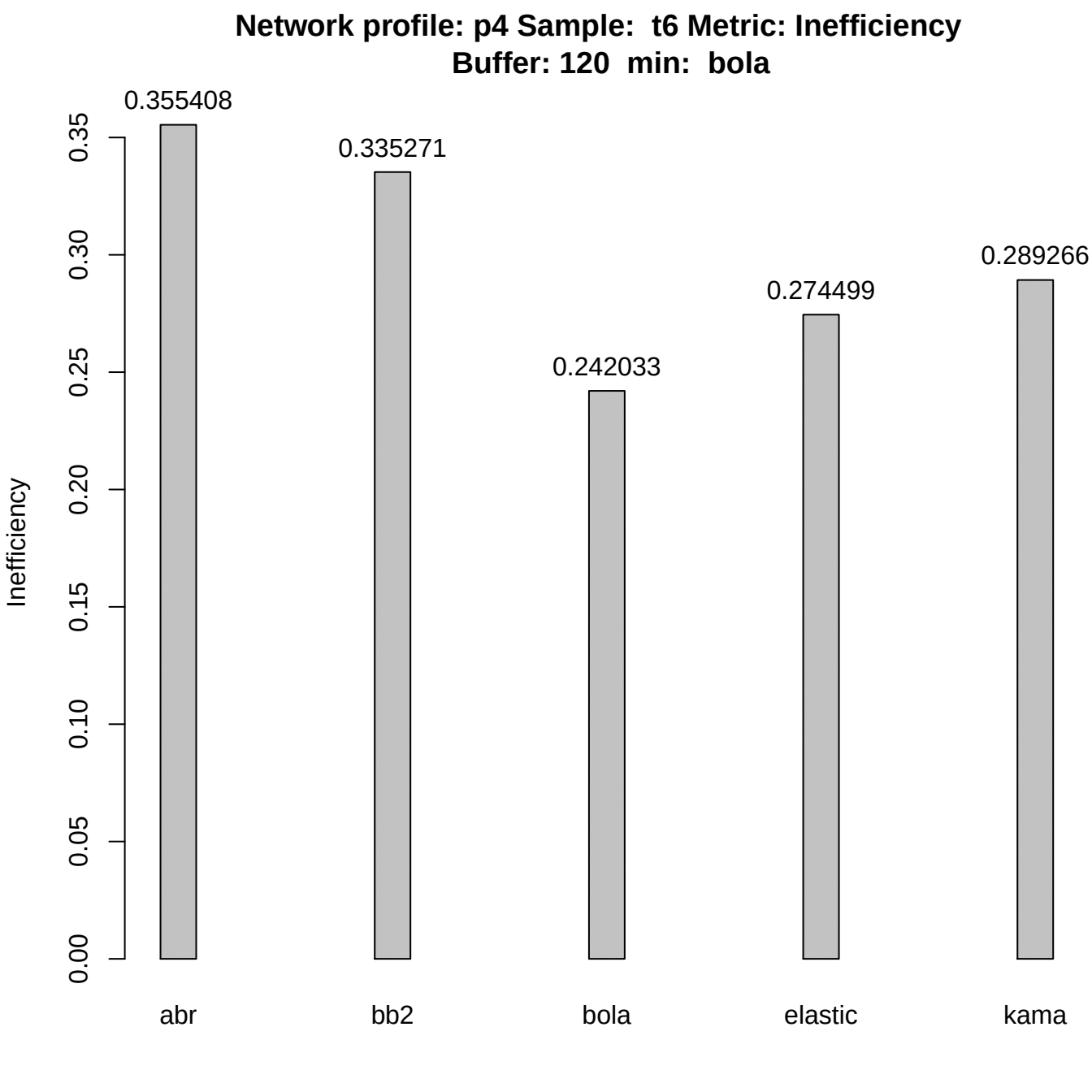

Network profile: p4 Sample: t4 Metric: # quality change
Buffer: 120 min: bola
Quality changes
0
20
40
60
80
100
112
27
0
21
19
abr
bb2
bola
elastic
kama

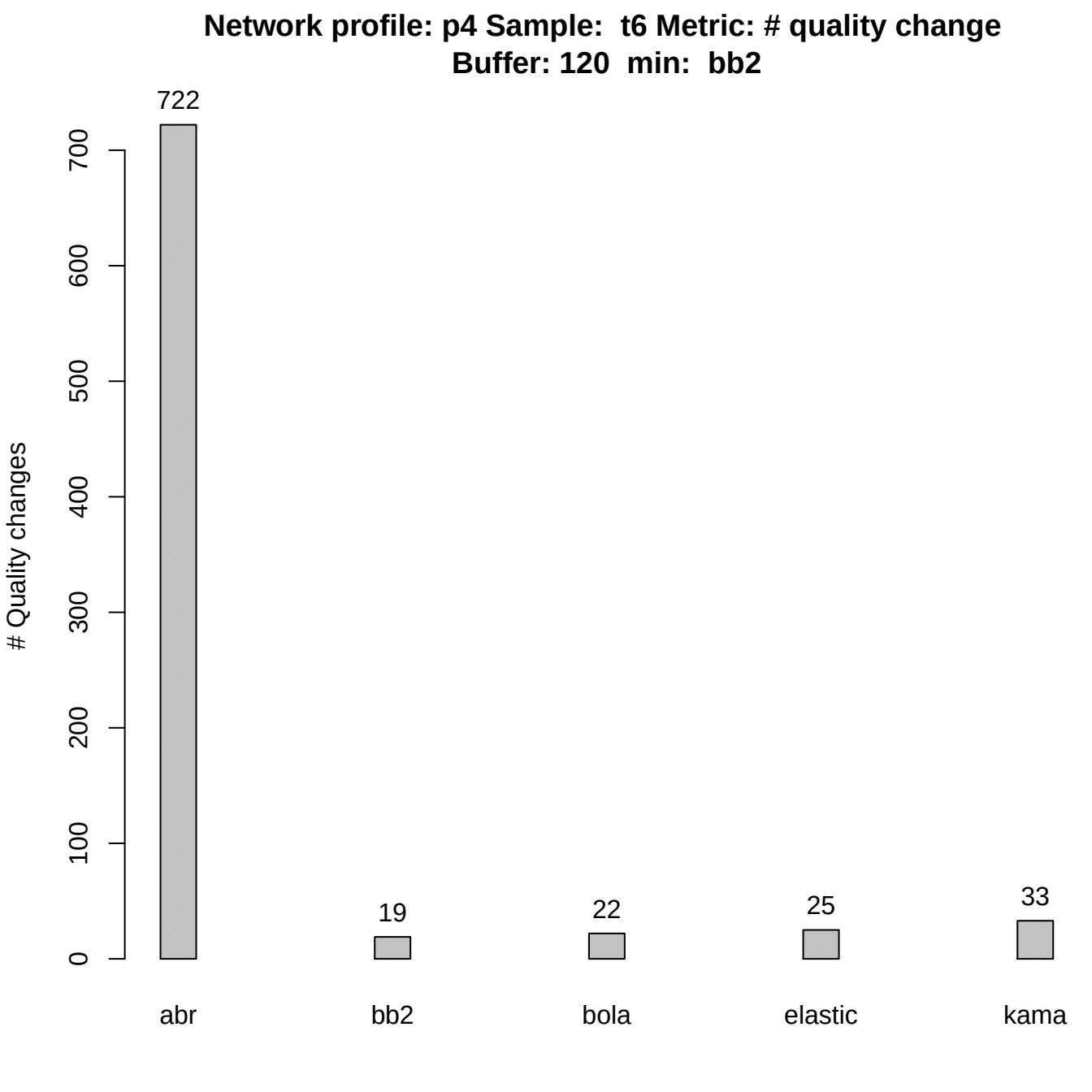

Network profile: p4 Sample: t5 Metric: Avg−Bitrate
Buffer: 120 max: abr
Kbps
0
200
400
600
800
1000
1020.99
532.979
536.216
908.045
747.008
abr
bb2
bola
elastic
kama

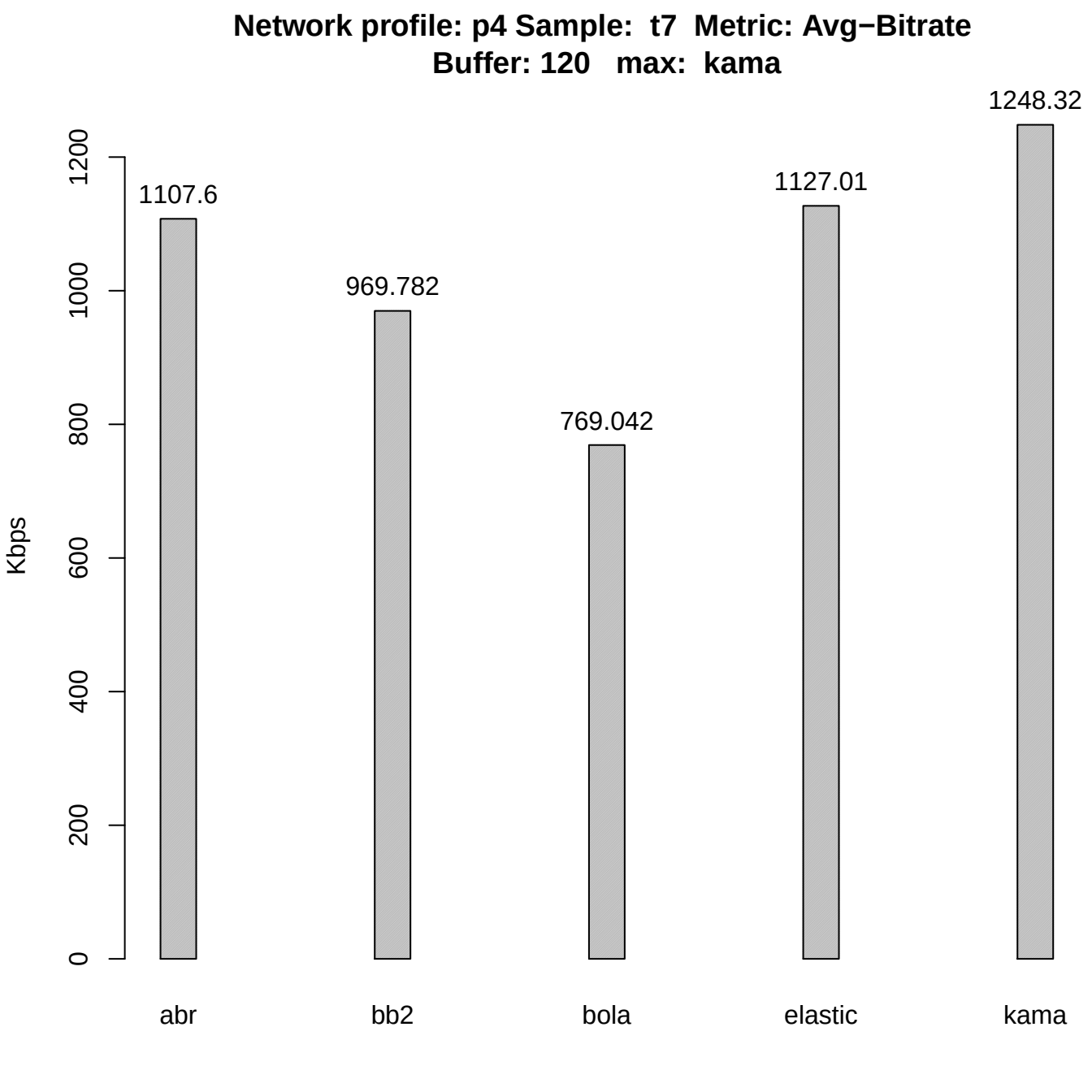

Network profile: p4 Sample: t5 Metric: Inefficiency
Buffer: 120 min: elastic
Inefficiency
0.0
0.1
0.2
0.3
0.4
0.338769
0.436074
0.416687
0.271009
0.313228
abr
bb2
bola
elastic
kama

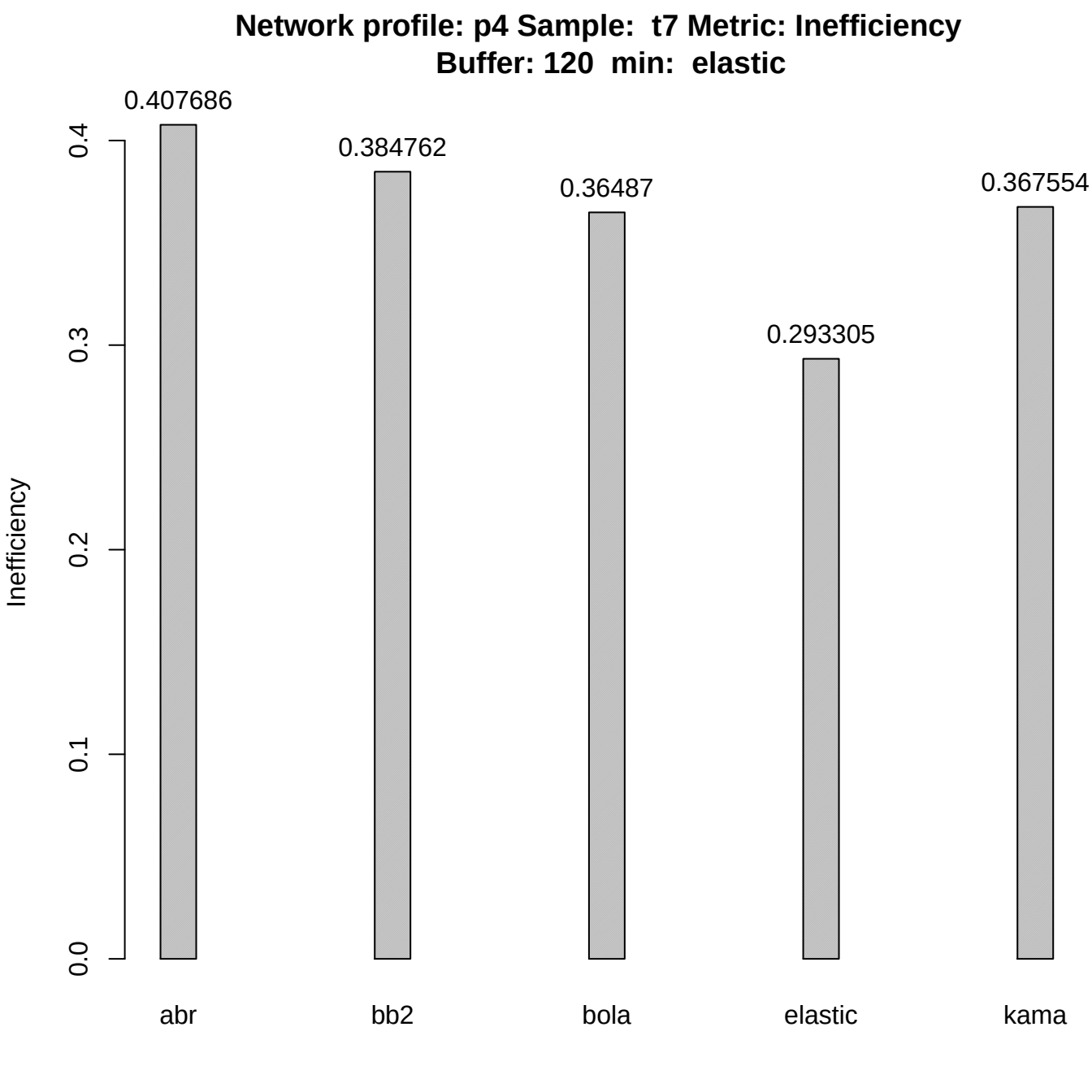

Network profile: p4 Sample: t5 Metric: # quality change
Buffer: 120 min: bb2
Quality changes
0
20
40
60
80
100
102
5
8
30
8
abr
bb2
bola
elastic
kama

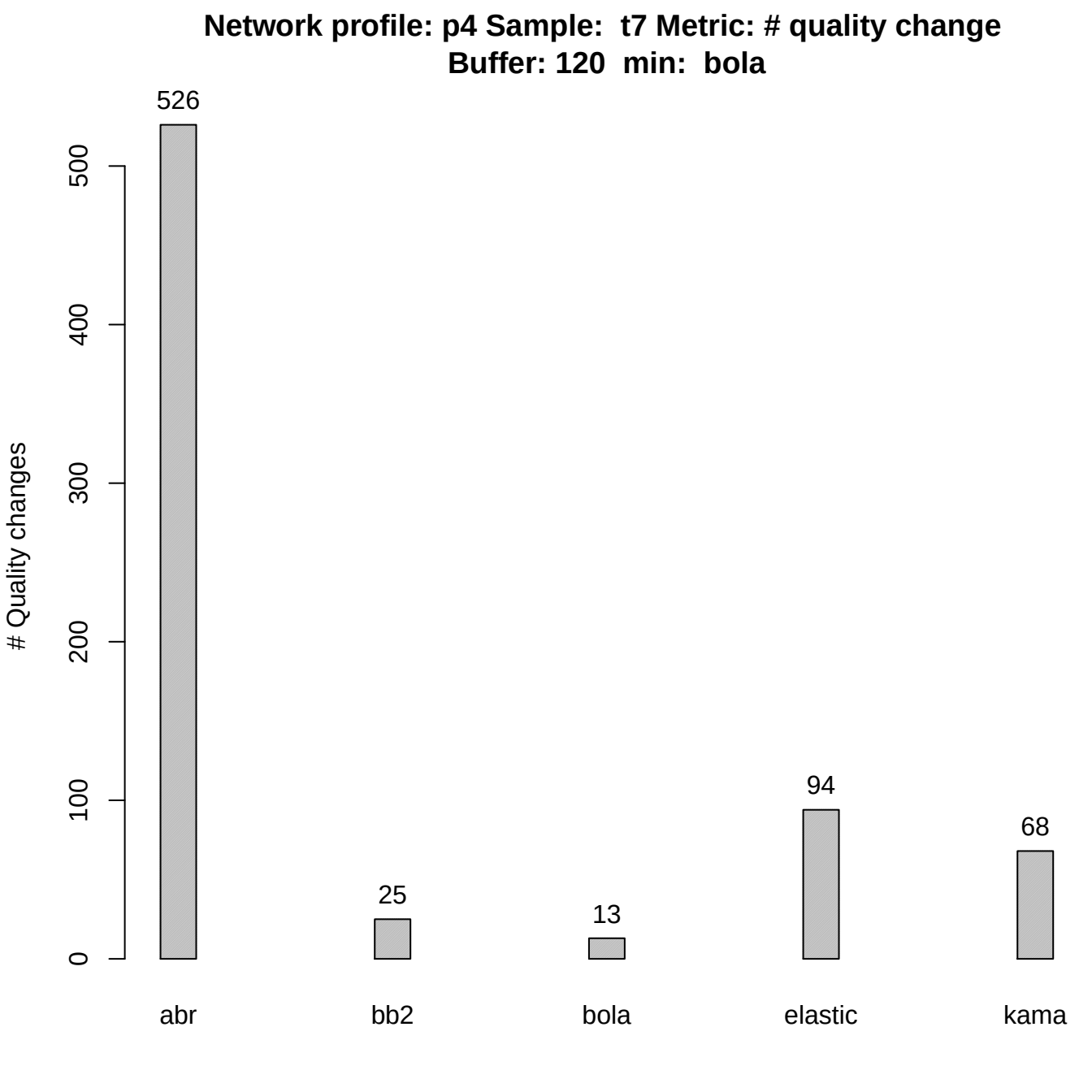

Network profile: p4 Sample: t6 Metric: Avg−Bitrate
Buffer: 120 max: elastic
Kbps
0
200
400
600
800
1000
808.864
985.839
913.312
1090.9
994.226
abr
bb2
bola
elastic
kama


Network profile: p4 Sample: t6 Metric: Inefficiency
Buffer: 120 min: bola
Inefficiency
0.00
0.05
0.10
0.15
0.20
0.25
0.30
0.35
0.355408
0.335271
0.242033
0.274499
0.289266
abr
bb2
bola
elastic
kama


Network profile: p4 Sample: t6 Metric: # quality change
Buffer: 120 min: bb2
Quality changes
0
100
200
300
400
500
600
700
722
19
22
25
33
abr
bb2
bola
elastic
kama


Network profile: p4 Sample: t7 Metric: Avg−Bitrate
Buffer: 120 max: kama
Kbps
0
200
400
600
800
1000
1200
1107.6
969.782
769.042
1127.01
1248.32
abr
bb2
bola
elastic
kama


Network profile: p4 Sample: t7 Metric: Inefficiency
Buffer: 120 min: elastic
0.407686
0.384762
0.36487
0.293305
0.367554
Inefficiency
0.0
0.1
0.2
0.3
0.4
abr
bb2
bola
elastic
kama


Network profile: p4 Sample: t7 Metric: # quality change
Buffer: 120 min: bola
Quality changes
0
100
200
300
400
500
526
25
13
94
68
abr
bb2
bola
elastic
kama