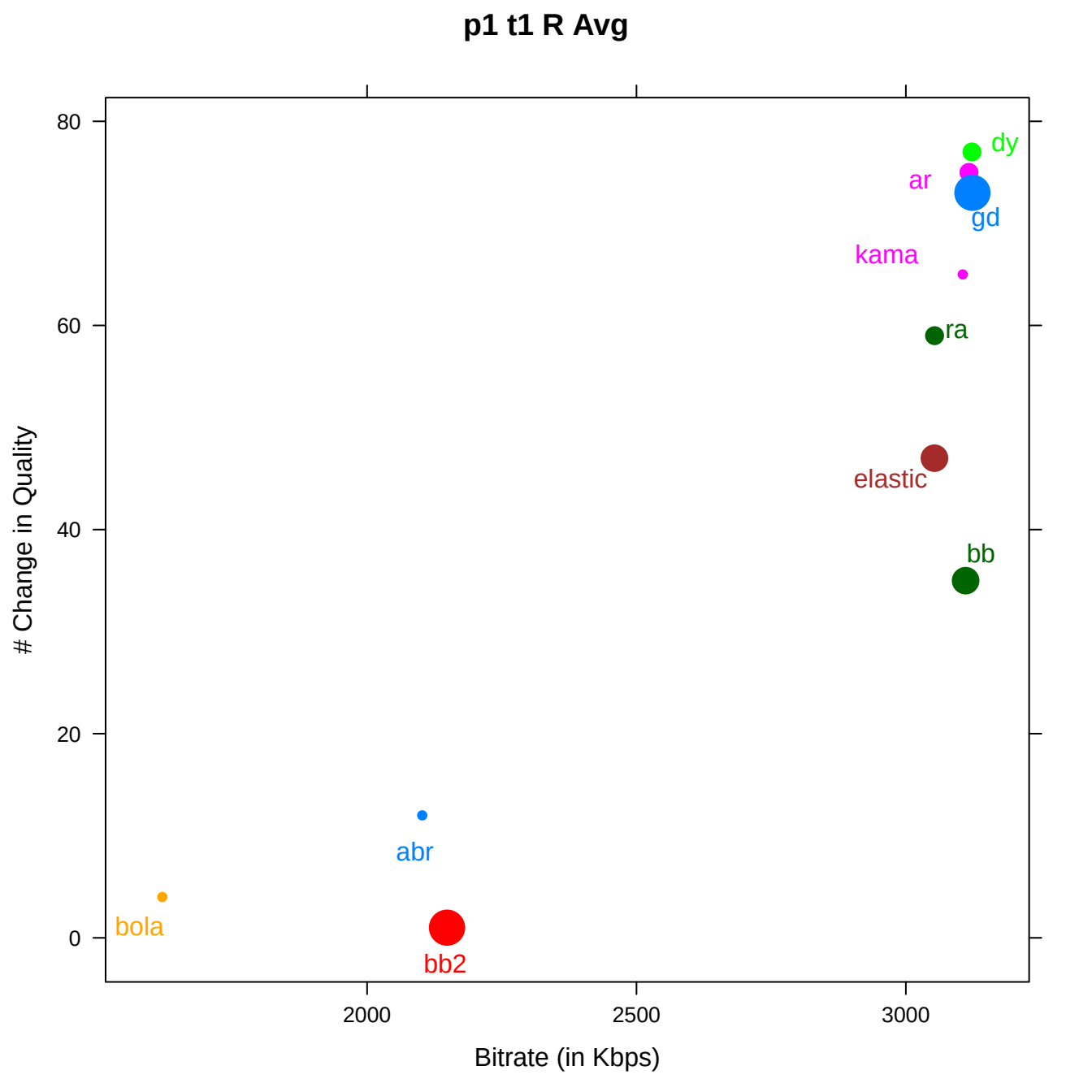
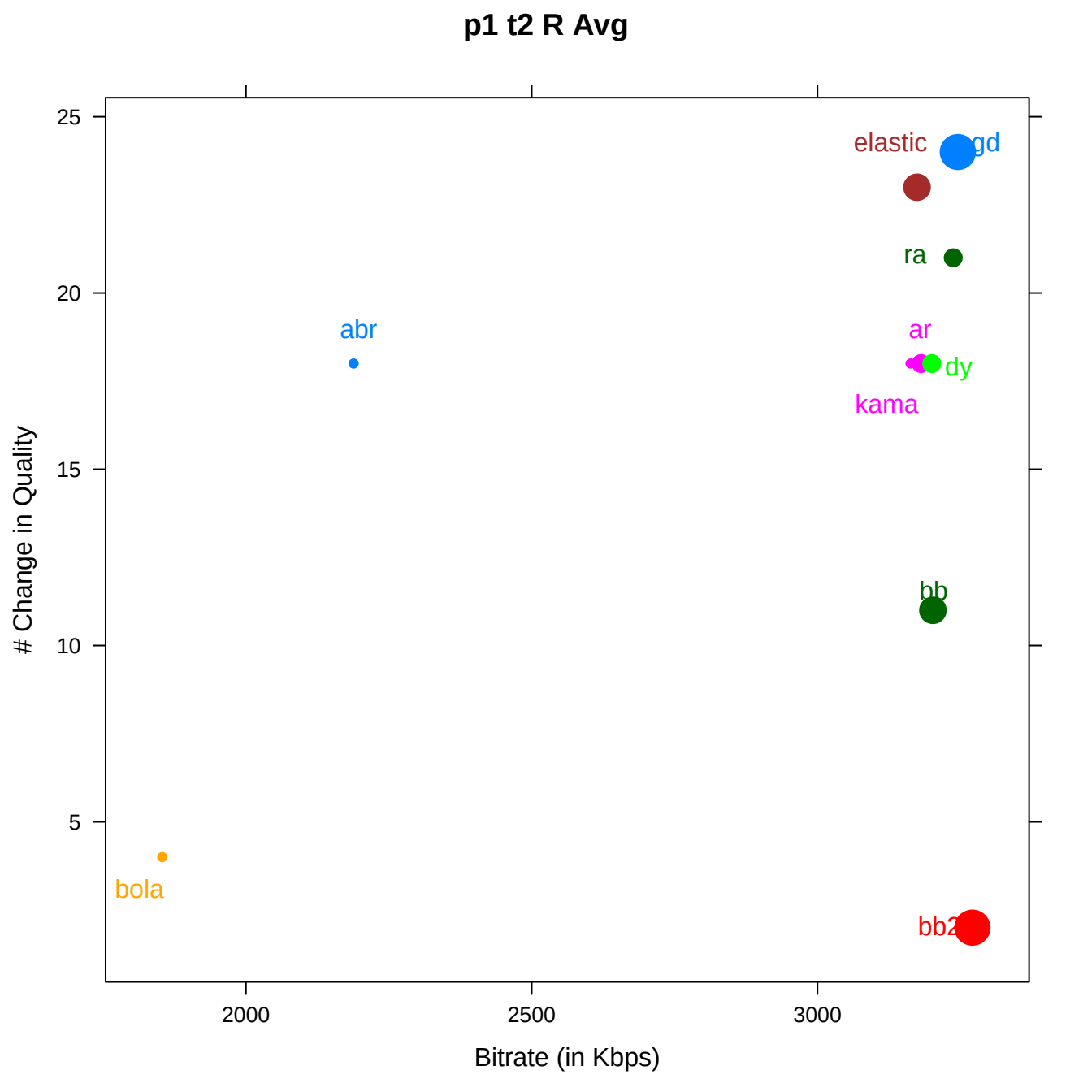
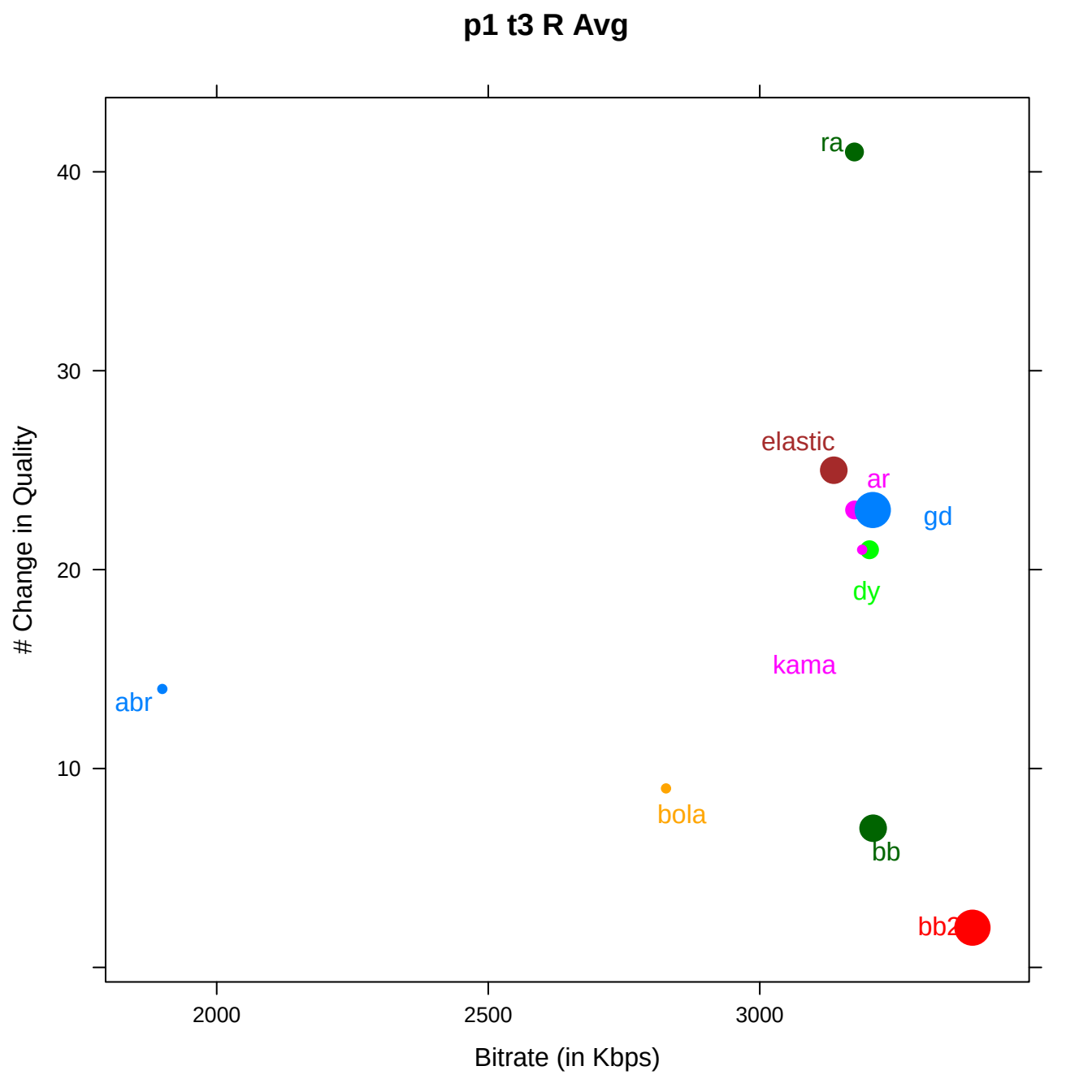
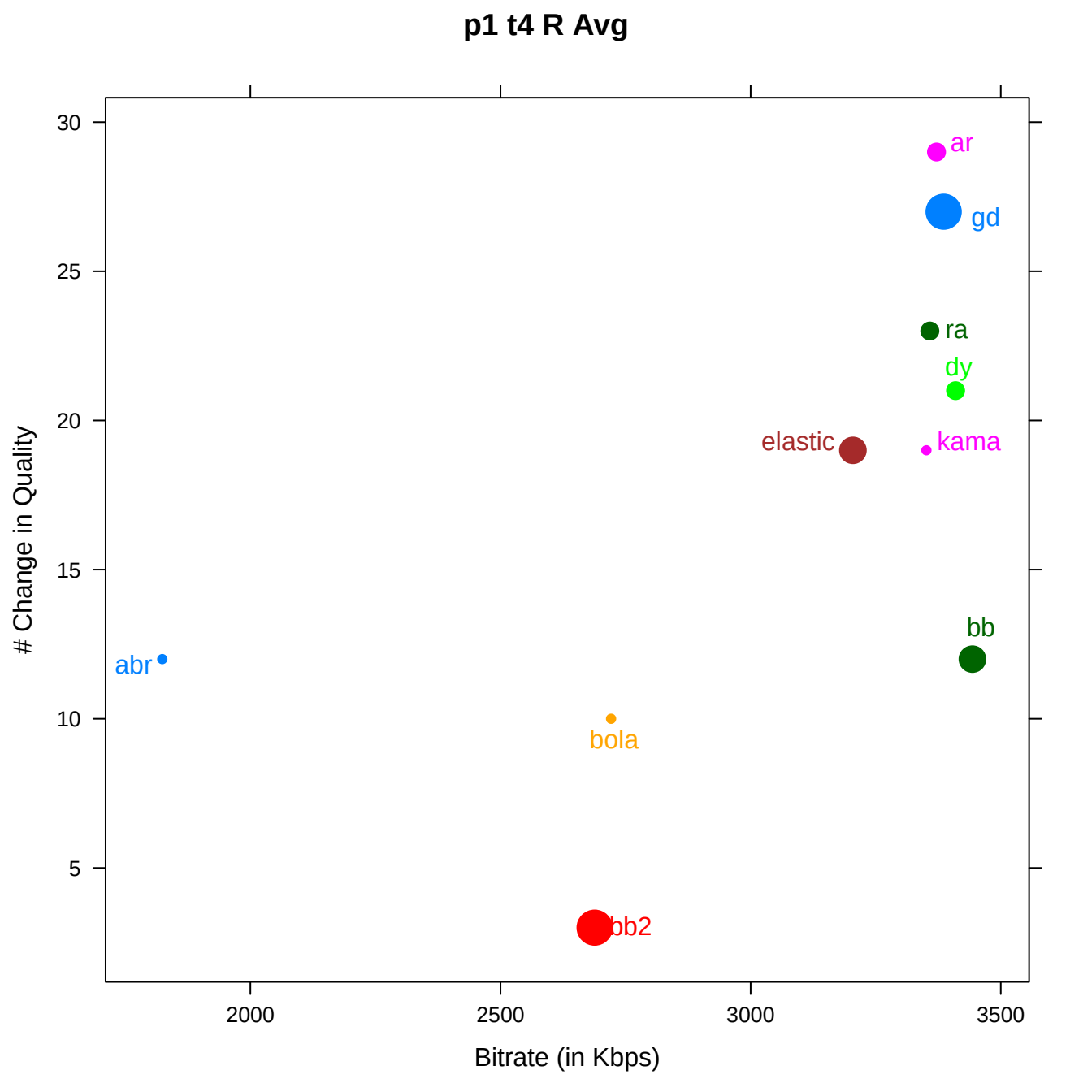
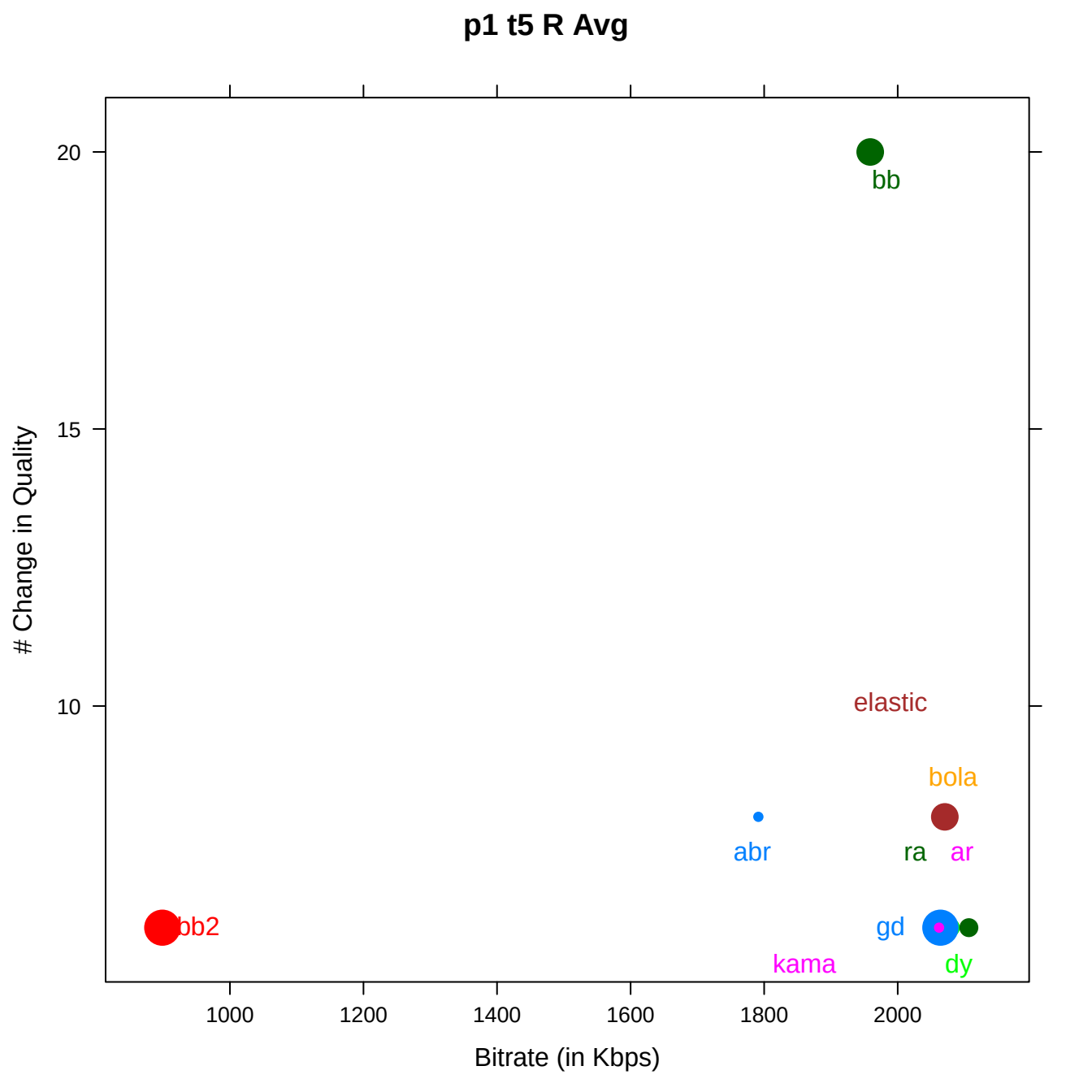
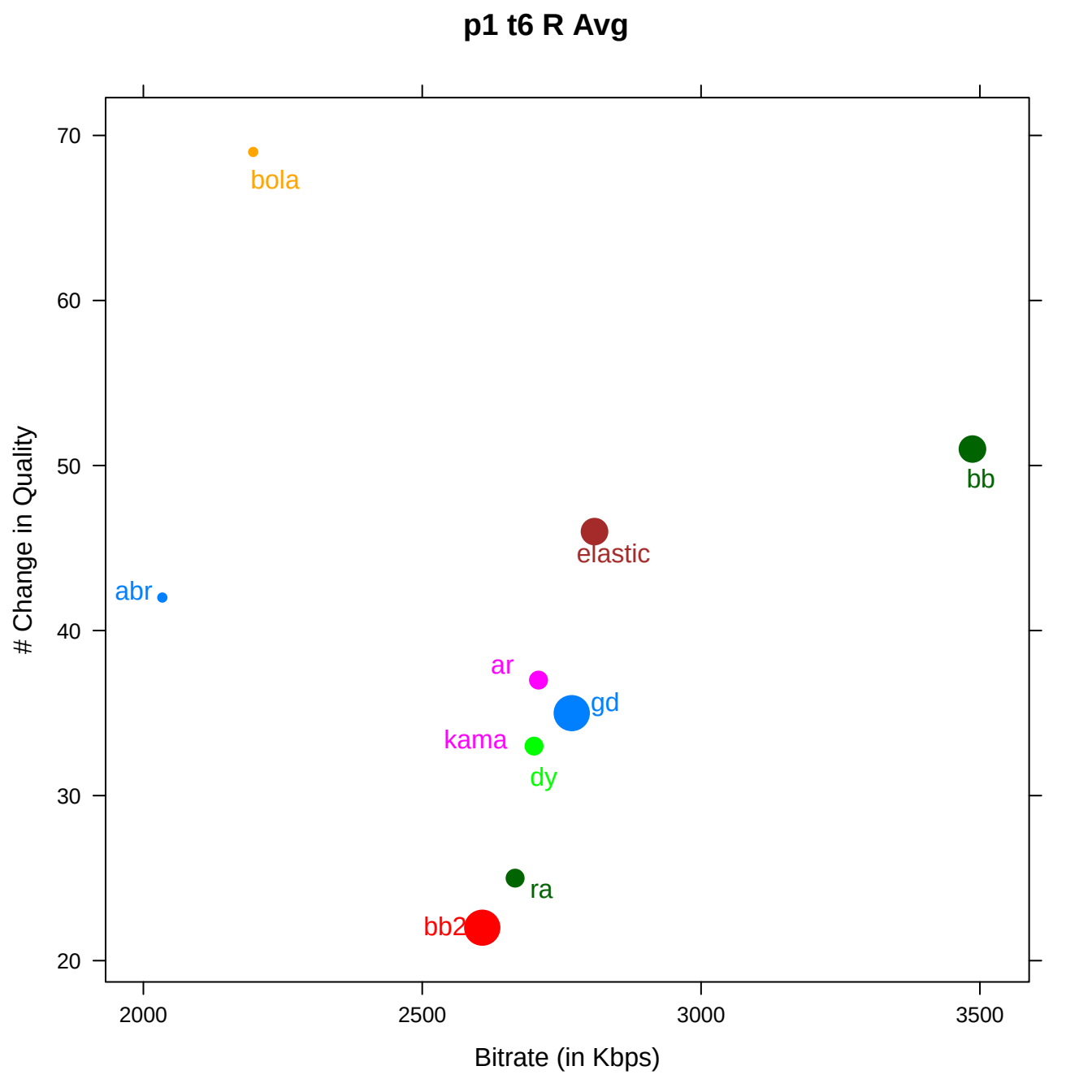

p1 t1 R Avg
Change in Quality
Bitrate (in Kbps)
80
60
40
20
0
2000
2500
3000
dy
ar
gd
kama
ra
elastic
bb
abr
bola
bb2

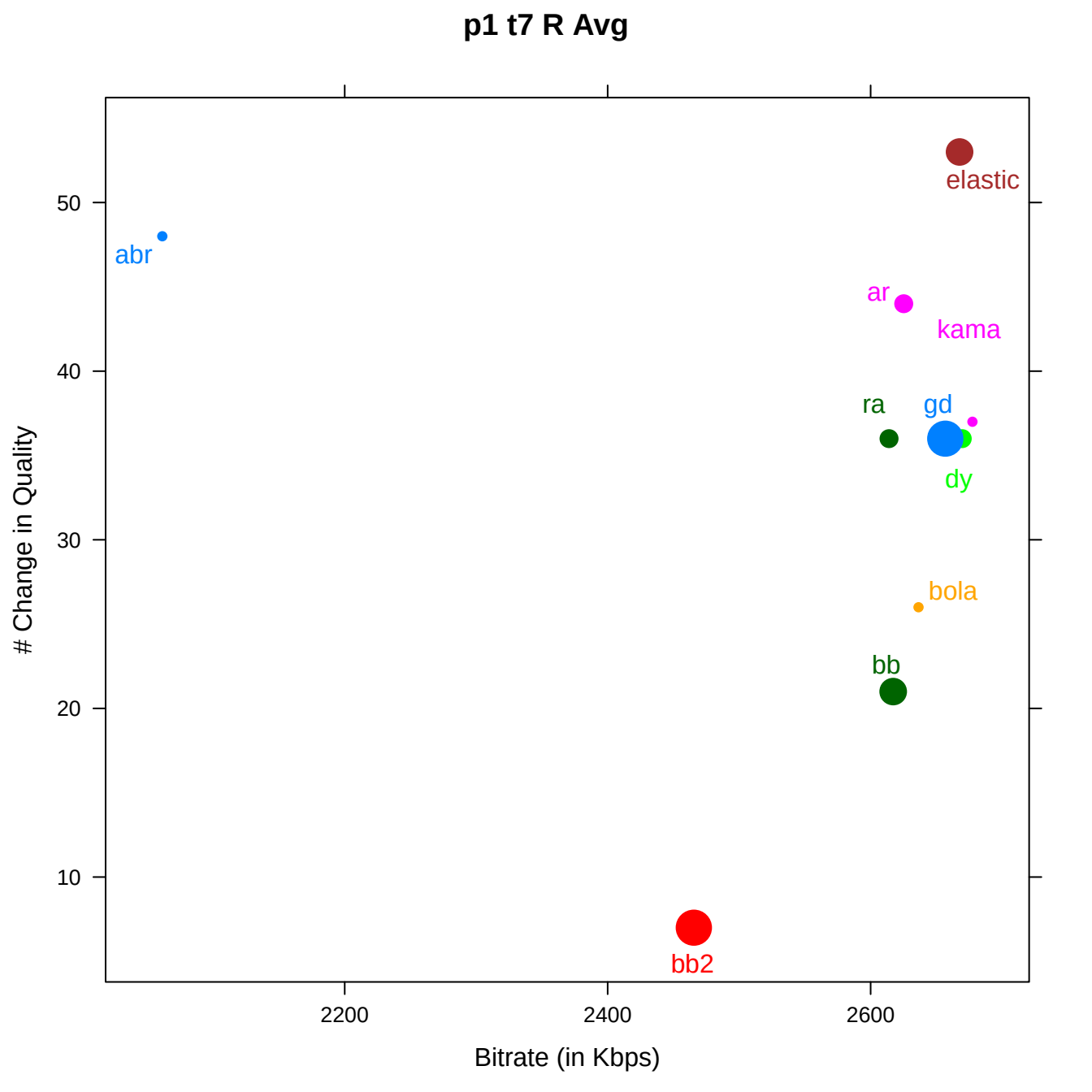

p1 t2 R Avg
Change in Quality
Bitrate (in Kbps)
25
20
15
10
5
2000
2500
3000
elastic
gd
ra
abr
ar
dy
kama
bb
bola
bb2

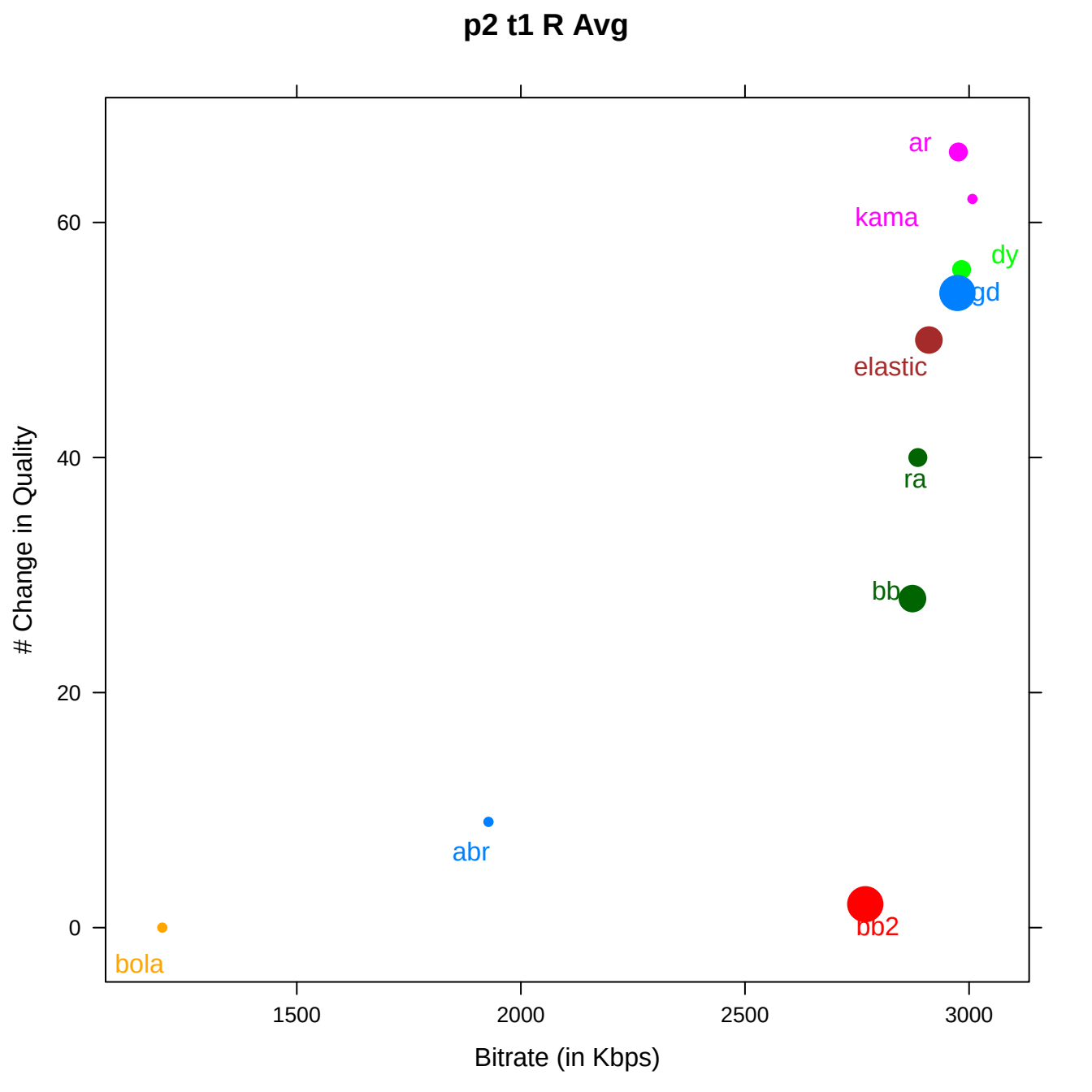

p1 t3 R Avg
ra
elastic
ar
gd
dy
kama
abr
bola
bb
bb2
40
30
20
10
2000
2500
3000
Change in Quality
Bitrate (in Kbps)

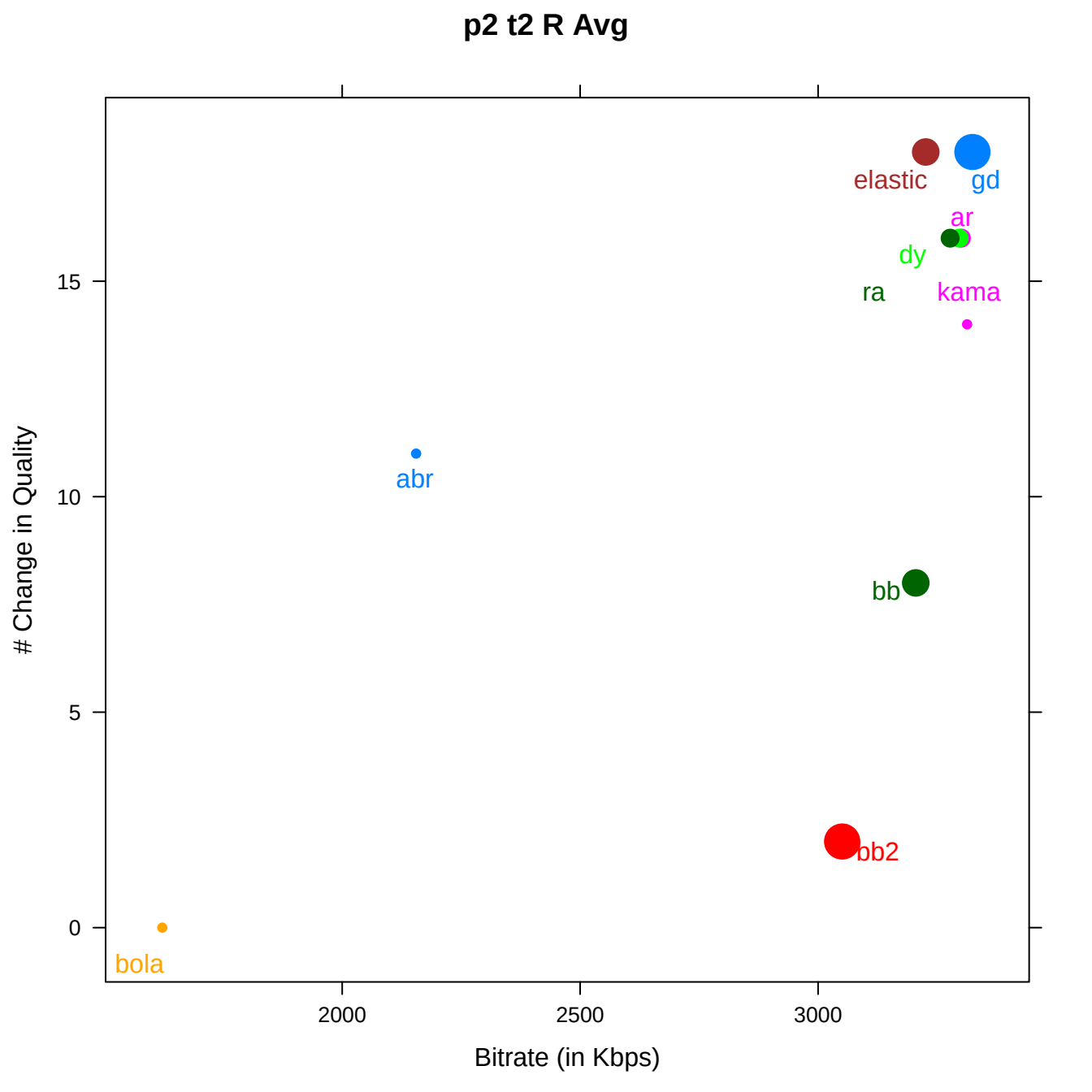

p1 t4 R Avg
Change in Quality
Bitrate (in Kbps)
30
25
20
15
10
5
2000
2500
3000
3500
ar
gd
ra
dy
elastic
kama
bb
abr
bola
bb2

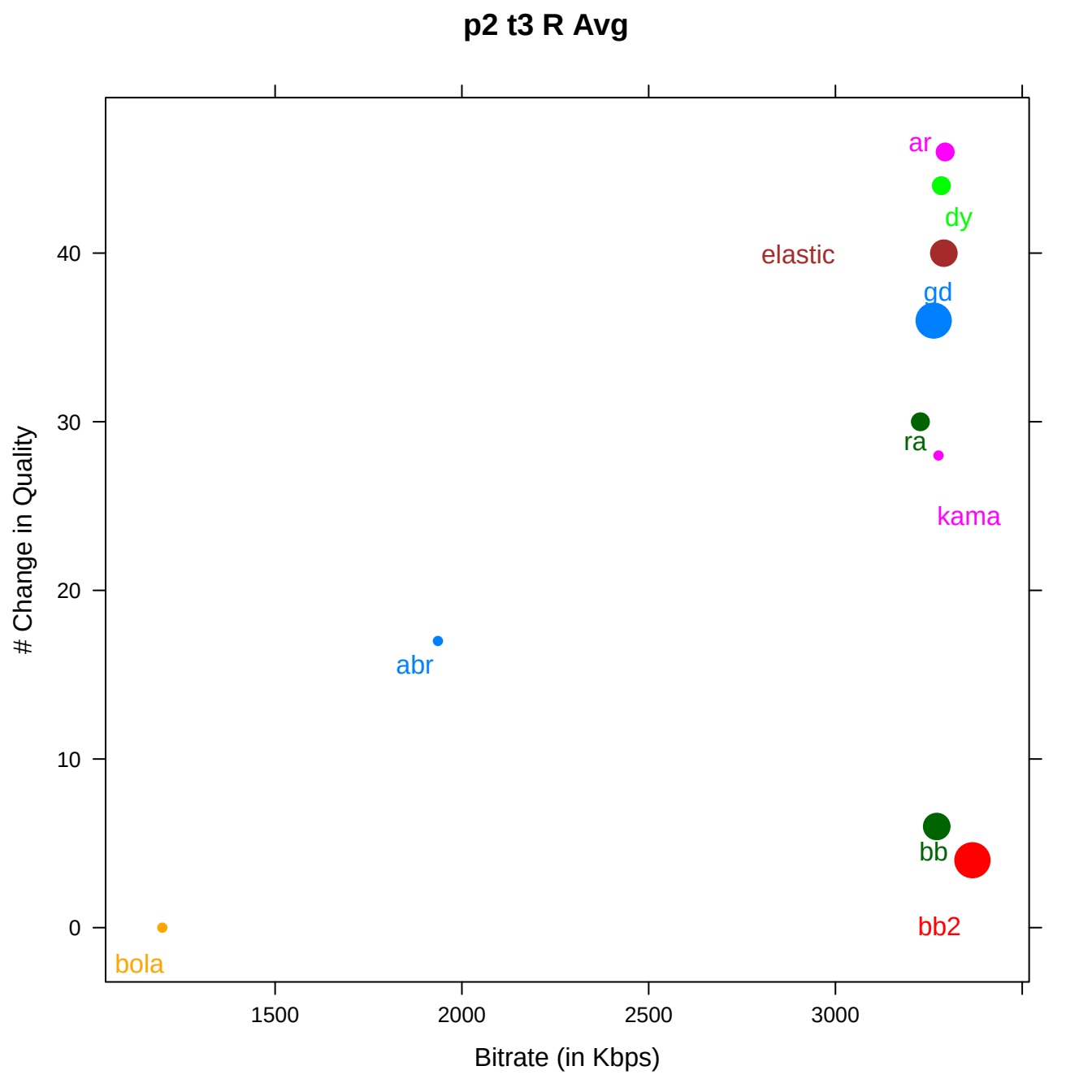

p1 t5 R Avg
Change in Quality
Bitrate (in Kbps)
20
15
10
1000
1200
1400
1600
1800
2000
bb
elastic
bola
abr
ra
ar
bb2
gd
kama
dy

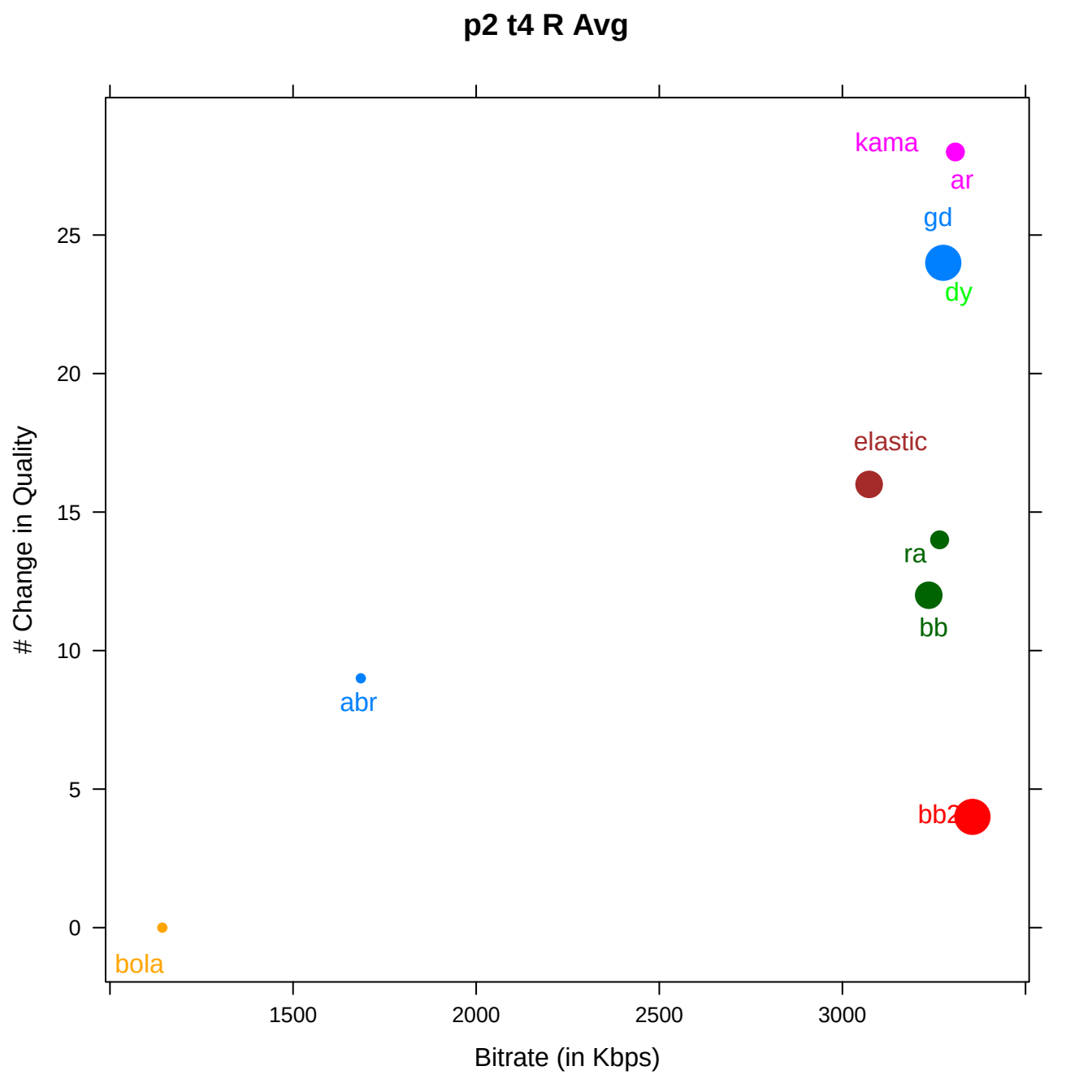

p1 t6 R Avg
Change in Quality
Bitrate (in Kbps)
70
60
50
40
30
20
2000
2500
3000
3500
bola
bb
elastic
abr
ar
gd
kama
dy
ra
bb2

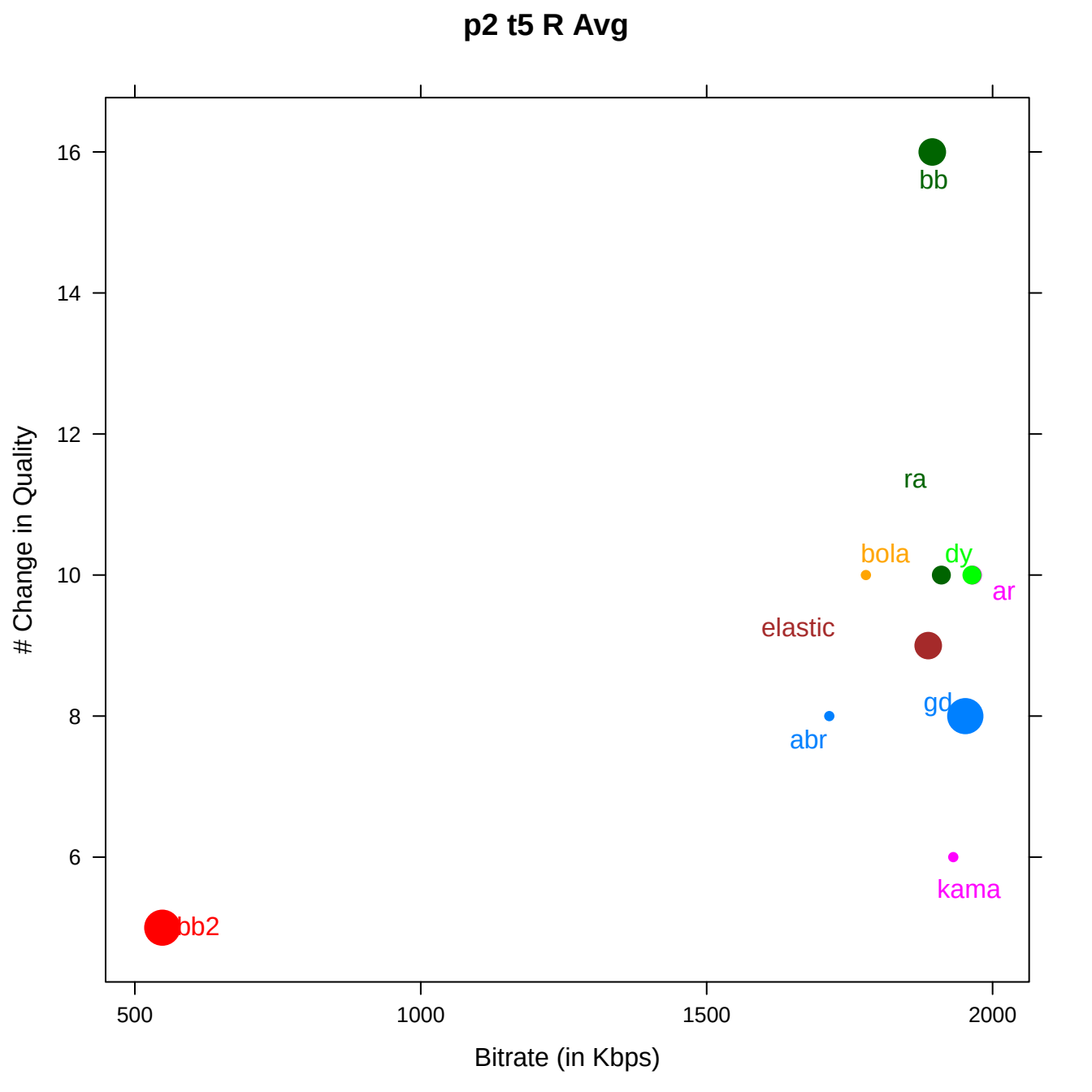

p1 t7 R Avg
Change in Quality
Bitrate (in Kbps)
50
40
30
20
10
2200
2400
2600
abr
elastic
ar
kama
ra
gd
dy
bola
bb
bb2

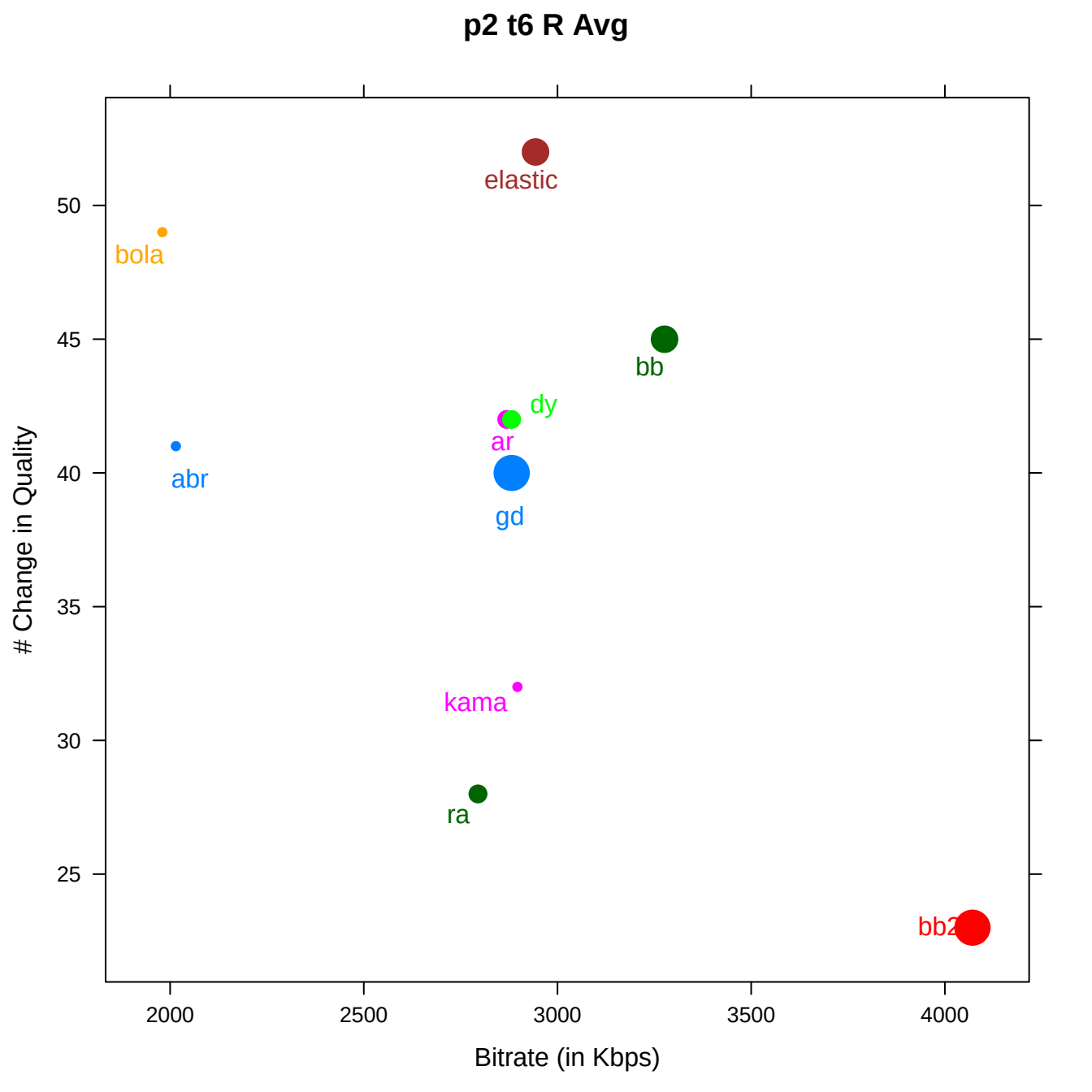

p2 t1 R Avg
ar
kama
dy
gd
elastic
ra
bb
abr
bb2
bola
60
40
20
0
1500
2000
2500
3000
Change in Quality
Bitrate (in Kbps)

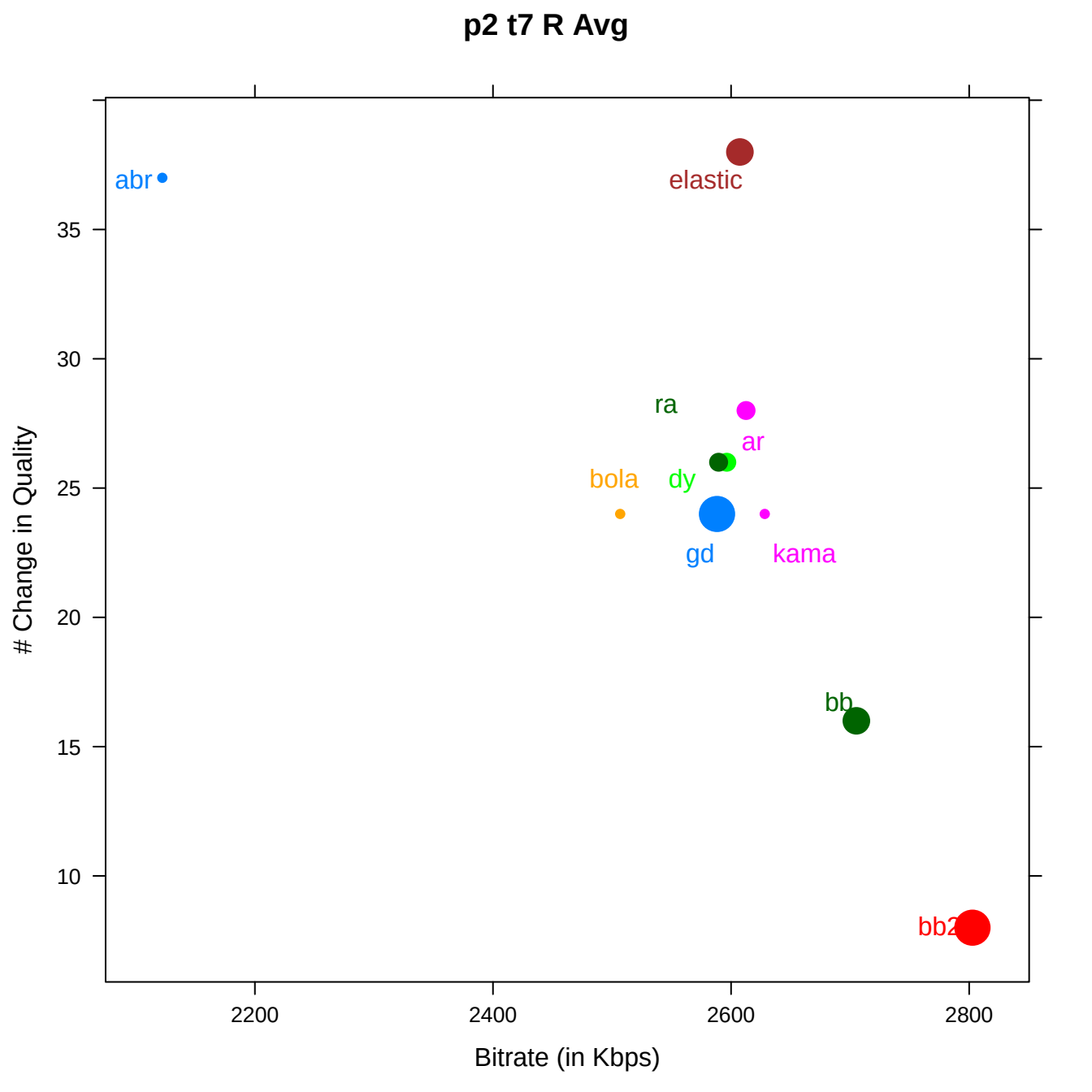

p2 t2 R Avg
elastic
gd
ar
dy
ra
kama
abr
bb
bb2
bola
Change in Quality
0
5
10
15
2000
2500
3000
Bitrate (in Kbps)

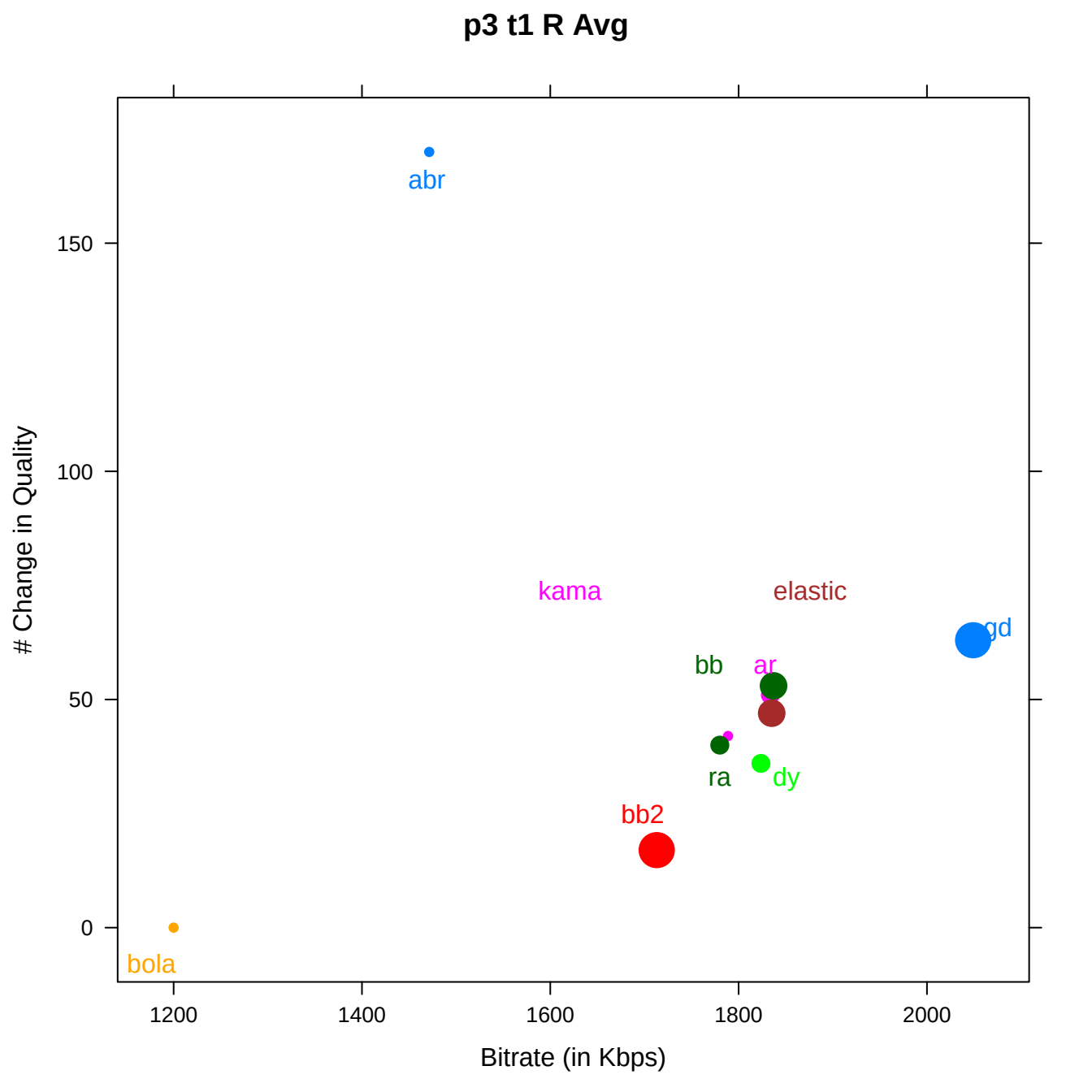

p2 t3 R Avg
ar
dy
elastic
gd
ra
kama
abr
bb
bb2
bola
40
30
20
10
0
1500
2000
2500
3000
Change in Quality
Bitrate (in Kbps)

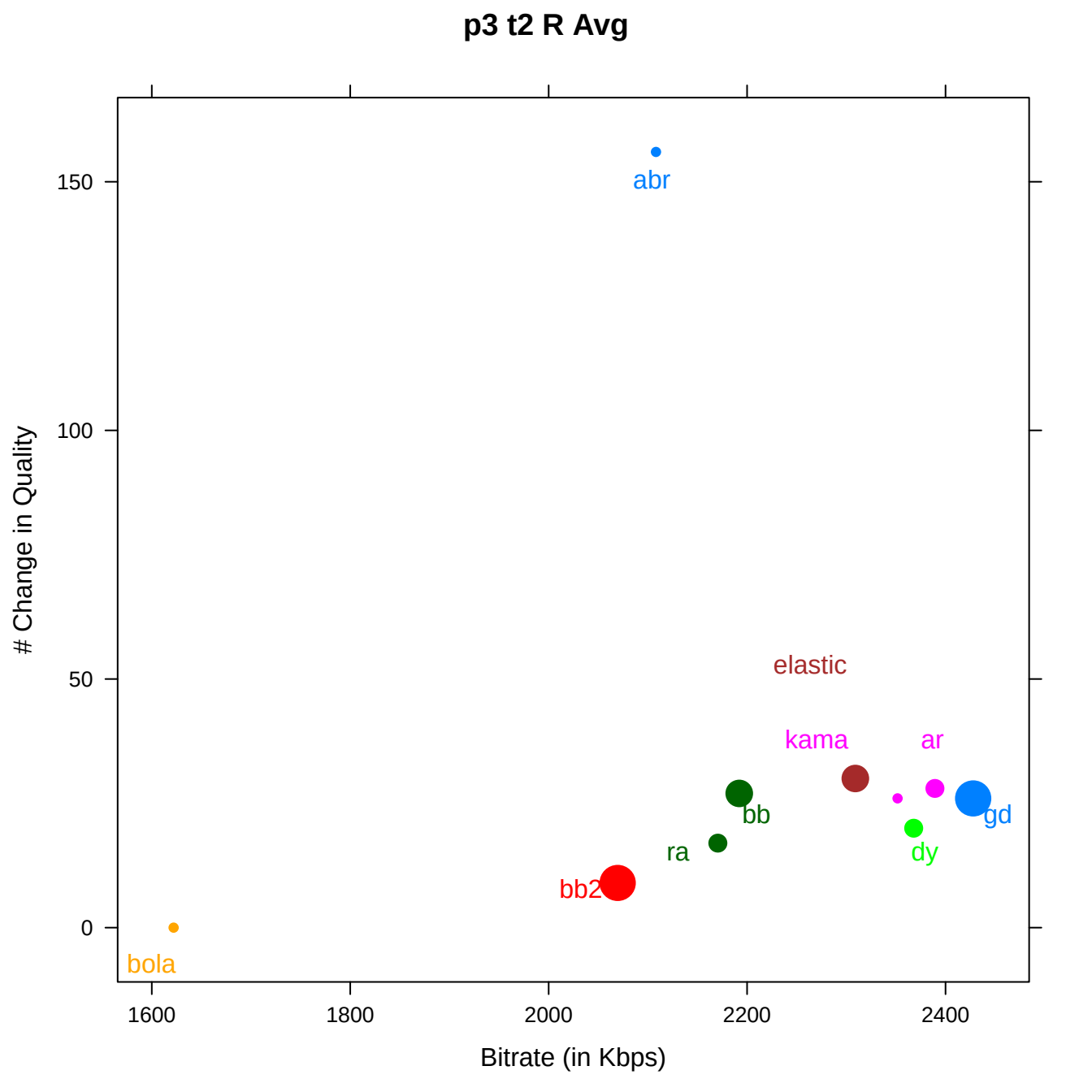

p2 t4 R Avg
kama
ar
gd
dy
elastic
ra
bb
abr
bb2
bola
Change in Quality
0
5
10
15
20
25
1500
2000
2500
3000
Bitrate (in Kbps)

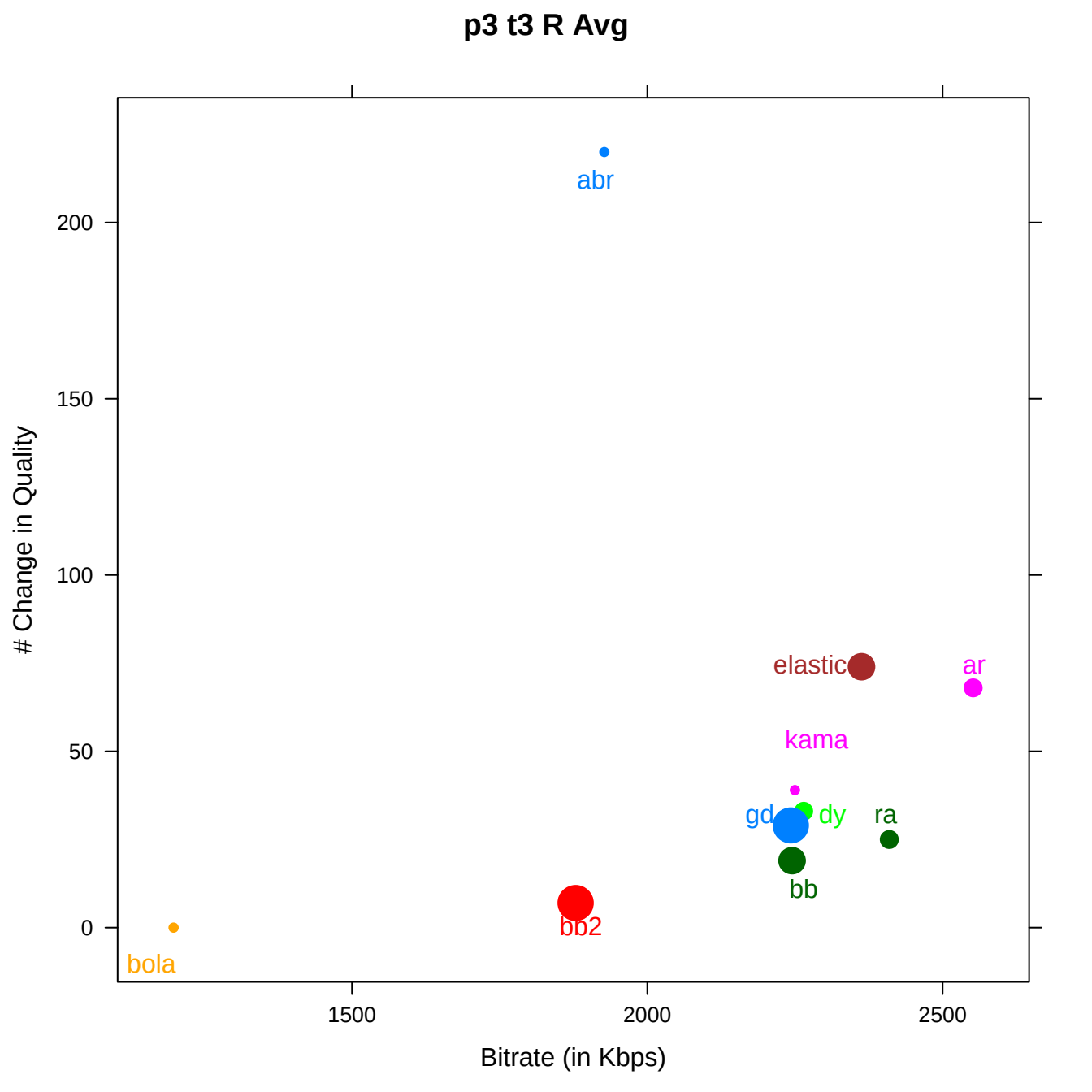

p2 t5 R Avg
Change in Quality
Bitrate (in Kbps)
16
14
12
10
8
6
500
1000
1500
2000
bb
ra
bola
dy
ar
elastic
gd
abr
kama
bb2

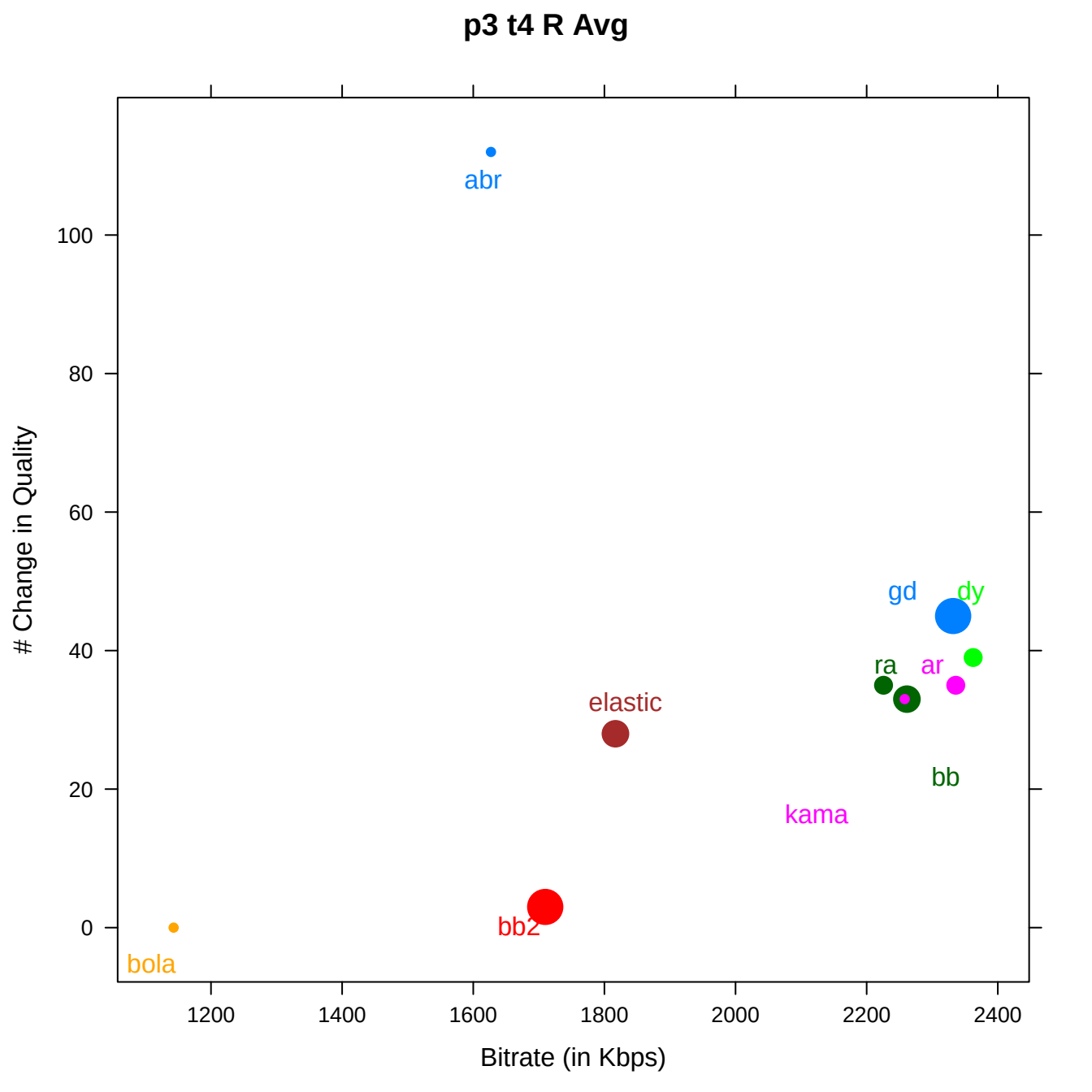

p2 t6 R Avg
elastic
bola
bb
dy
ar
abr
gd
kama
ra
bb2
50
45
40
35
30
25
2000
2500
3000
3500
4000
Change in Quality
Bitrate (in Kbps)

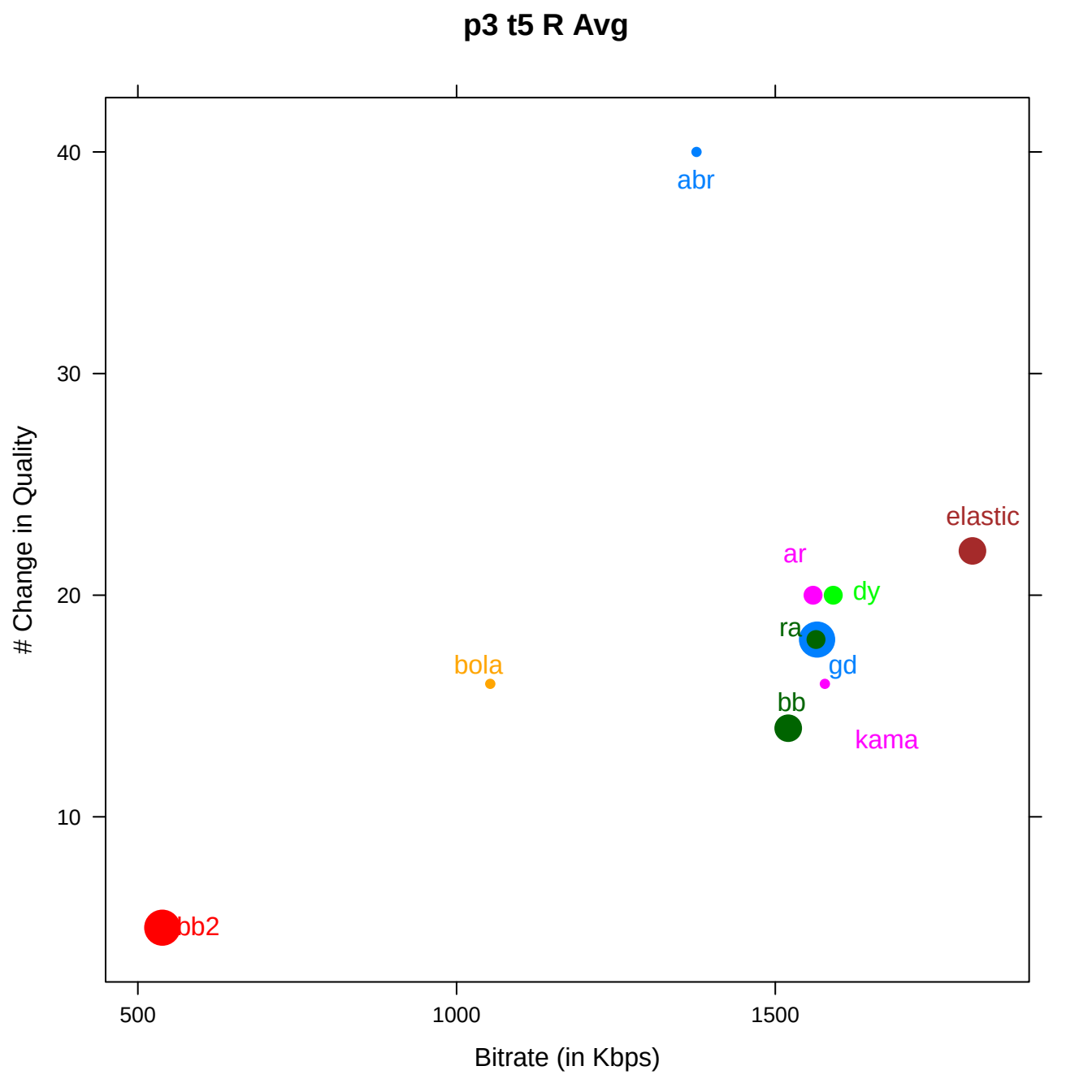

p2 t7 R Avg
abr
elastic
ra
ar
bola
dy
gd
kama
bb
bb2
35
30
25
20
15
10
Change in Quality
2200
2400
2600
2800
Bitrate (in Kbps)

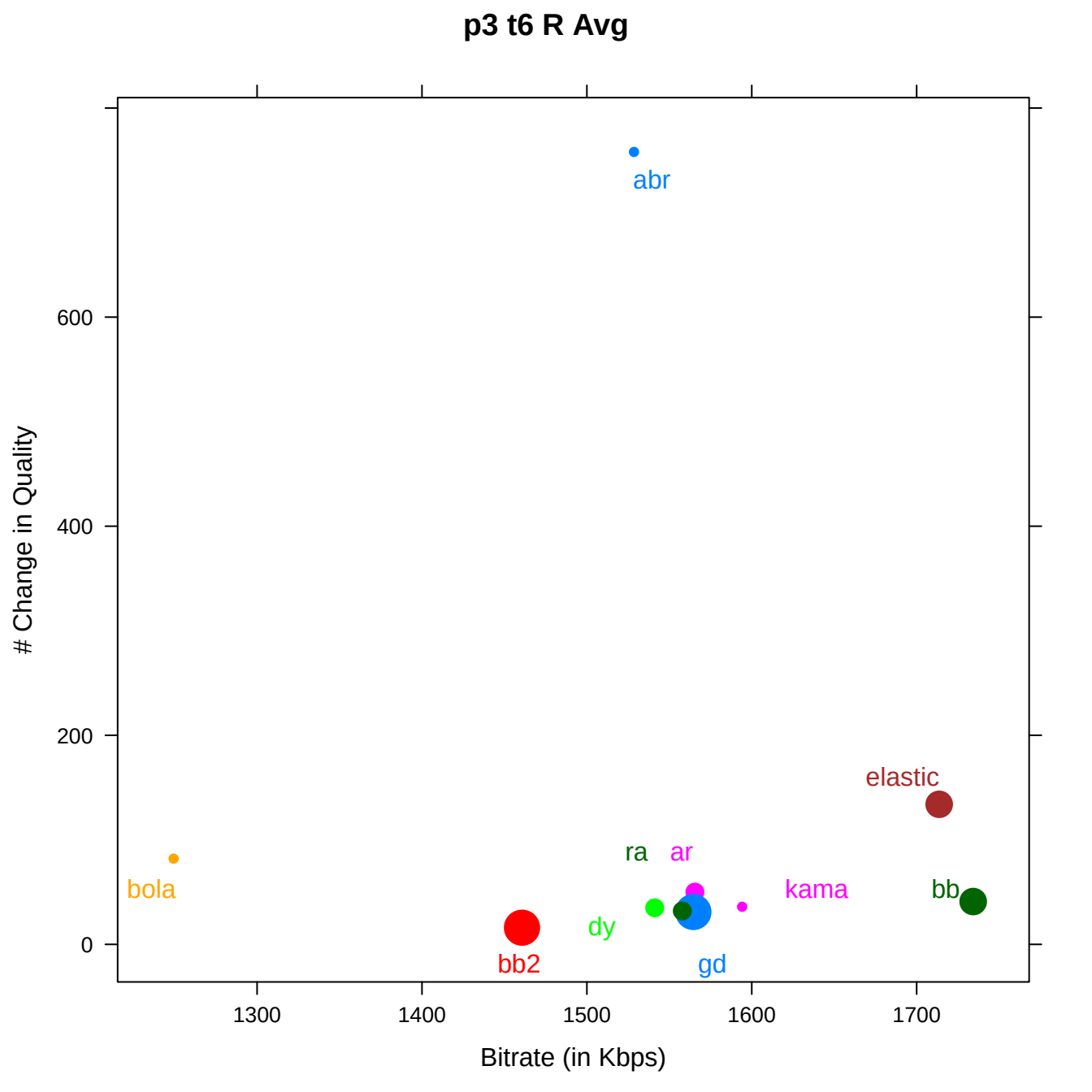

p3 t1 R Avg
abr
kama
elastic
gd
bb
ar
ra
dy
bb2
bola
150
100
50
0
Change in Quality
1200
1400
1600
1800
2000
Bitrate (in Kbps)

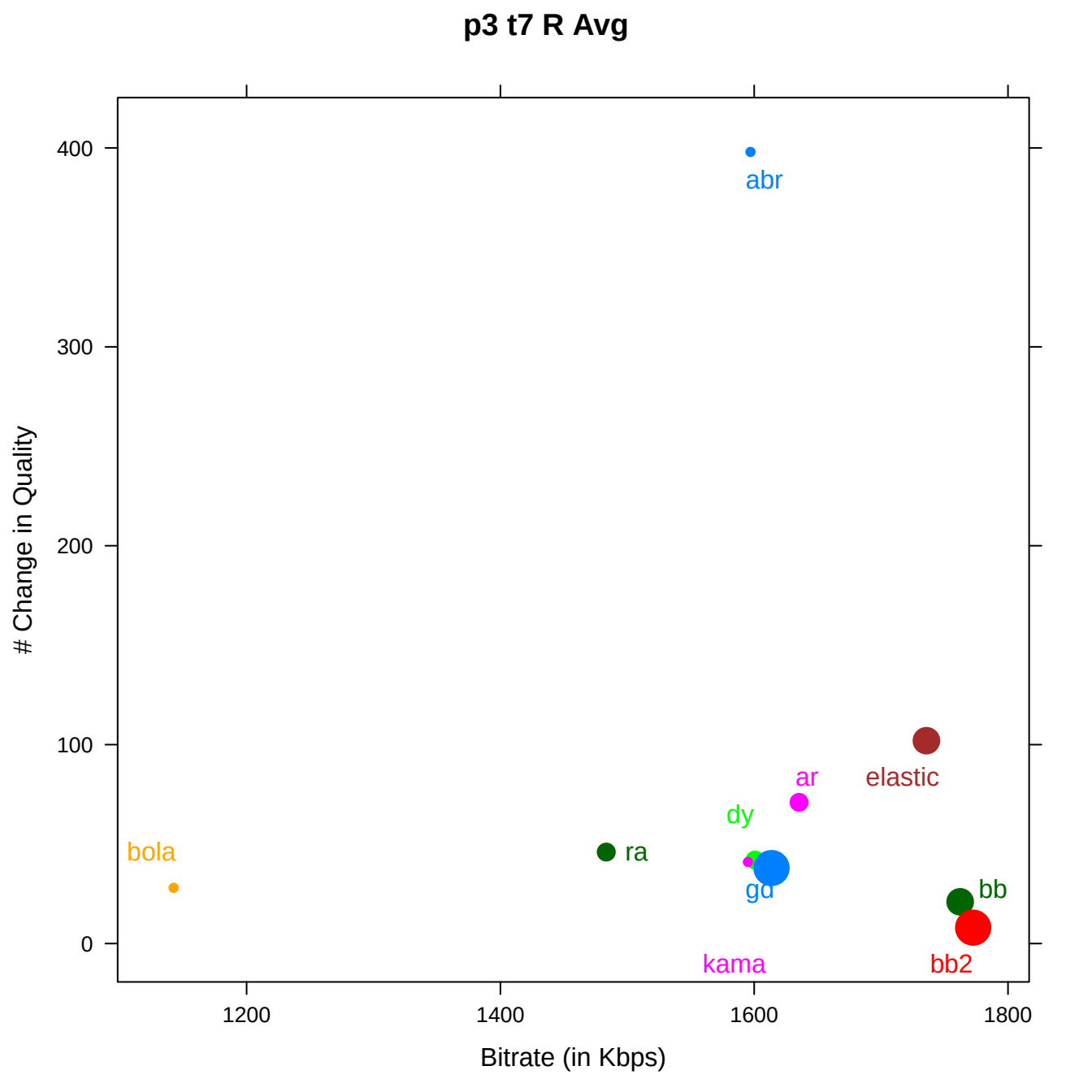

p3 t2 R Avg
Change in Quality
Bitrate (in Kbps)
150
100
50
0
1600
1800
2000
2200
2400
abr
elastic
kama
ar
bb
gd
ra
dy
bb2
bola


p3 t3 R Avg
Change in Quality
Bitrate (in Kbps)
0
50
100
150
200
1500
2000
2500
abr
elastic
ar
kama
gd
dy
ra
bb
bb2
bola


p3 t4 R Avg
Change in Quality
Bitrate (in Kbps)
0
20
40
60
80
100
1200
1400
1600
1800
2000
2200
2400
abr
gd
dy
ra
ar
elastic
bb
kama
bb2
bola


p3 t5 R Avg
Change in Quality
Bitrate (in Kbps)
40
30
20
10
500
1000
1500
abr
elastic
ar
dy
ra
gd
bola
bb
kama
bb2


p3 t6 R Avg
abr
elastic
ra
ar
bola
kama
bb
dy
bb2
gd
600
400
200
0
1300
1400
1500
1600
1700
Change in Quality
Bitrate (in Kbps)


p3 t7 R Avg
Change in Quality
Bitrate (in Kbps)
400
300
200
100
0
1200
1400
1600
1800
abr
bola
ra
ar
elastic
dy
gd
bb
kama
bb2