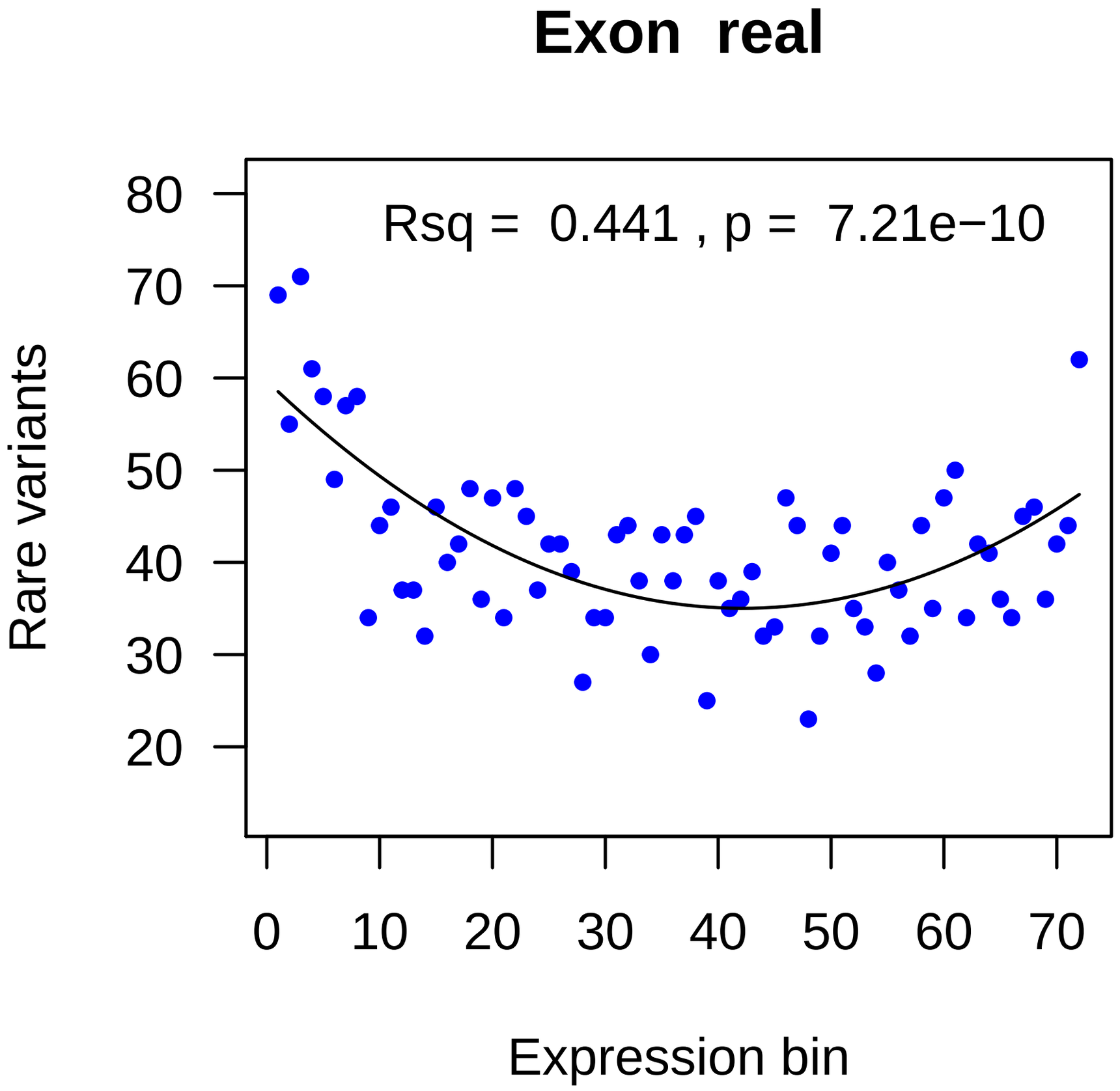
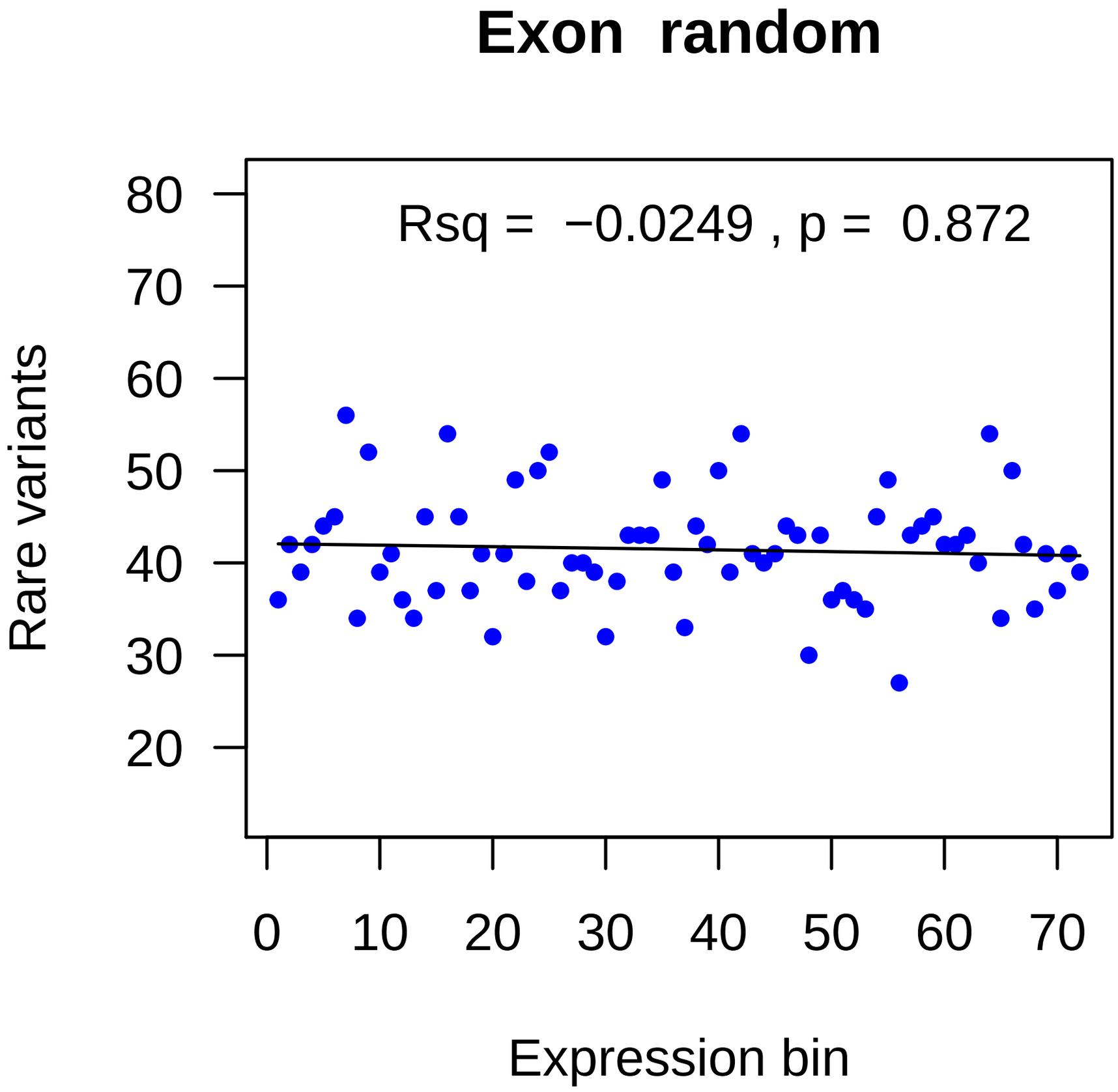
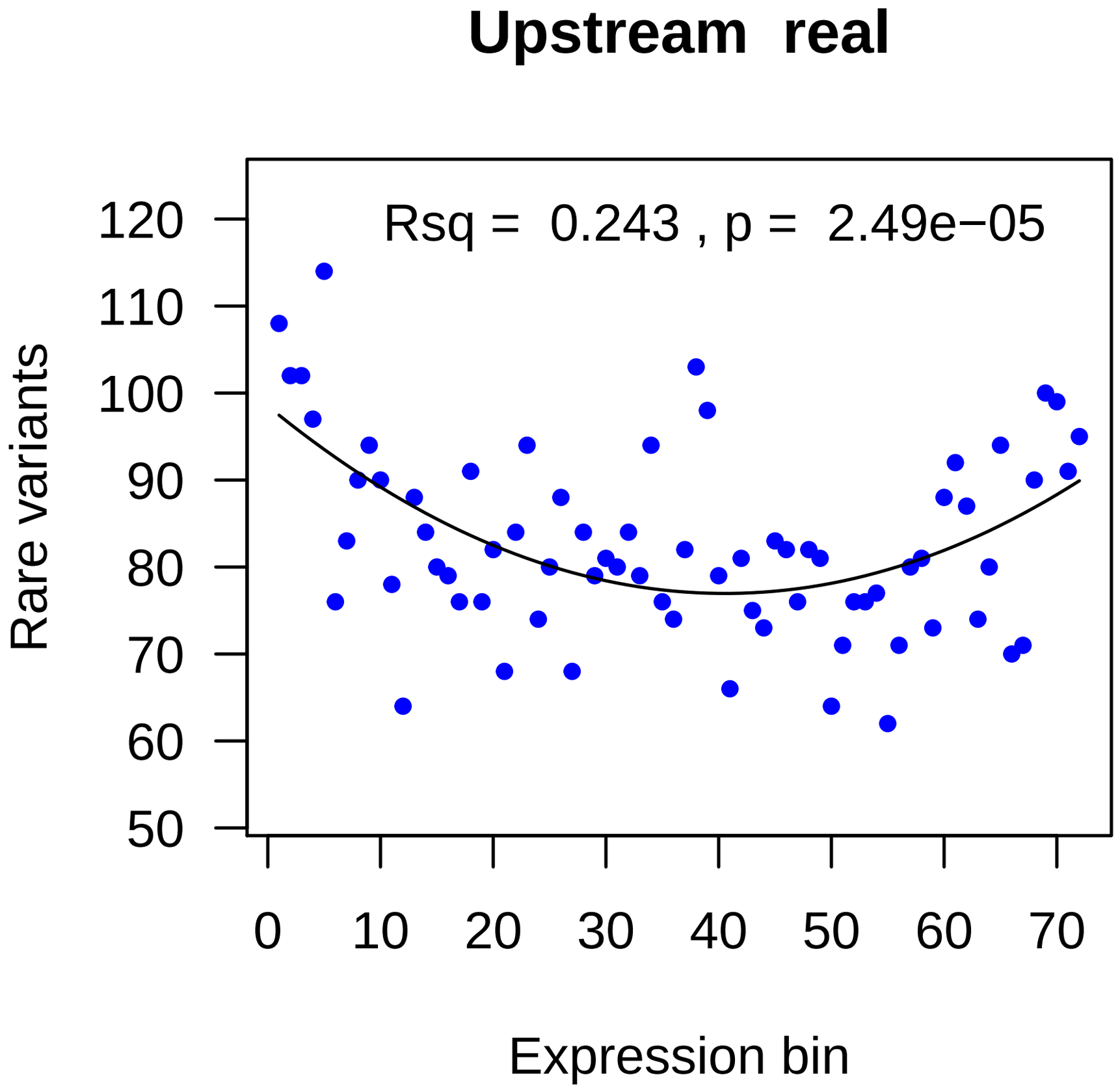
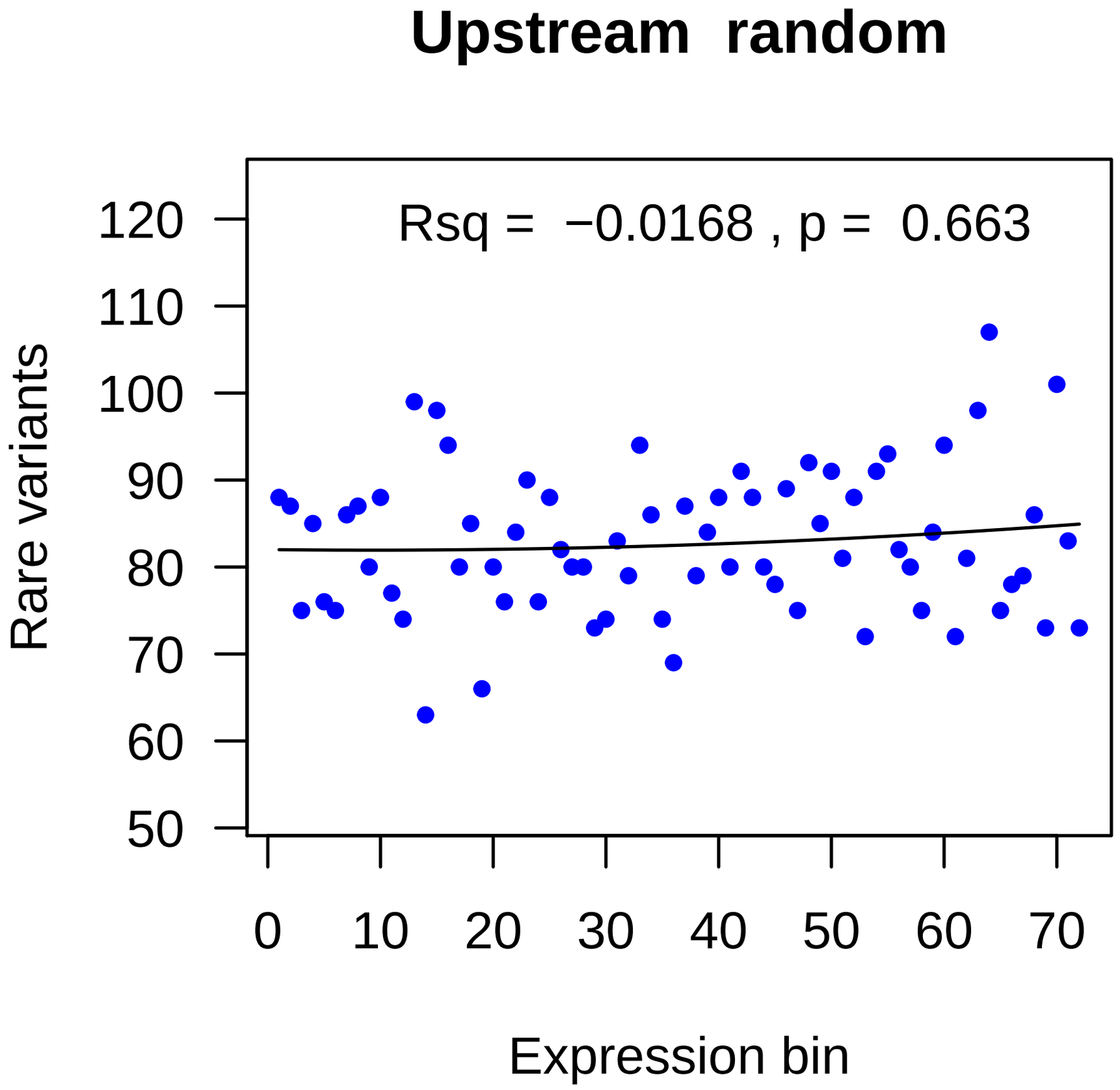
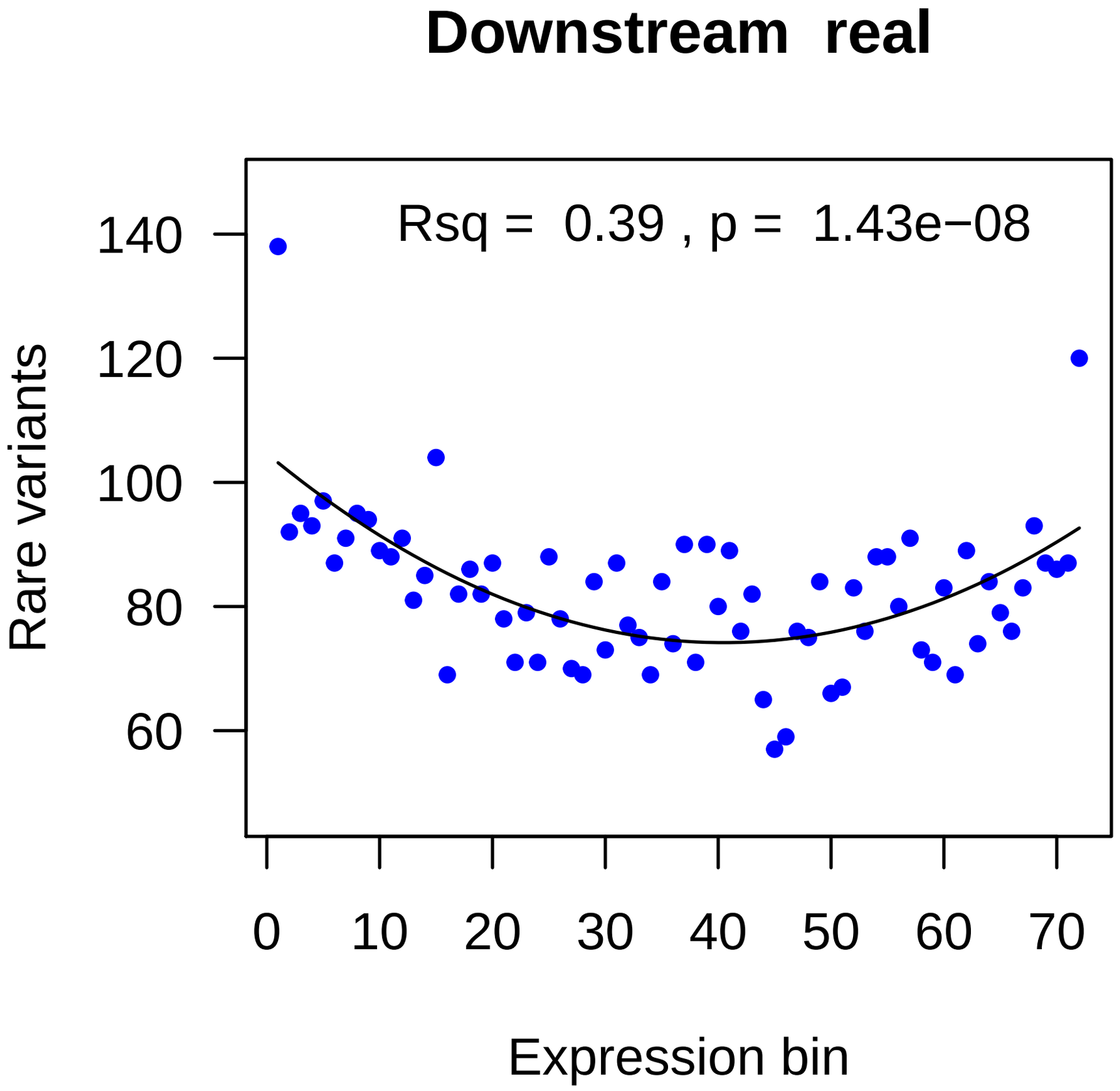
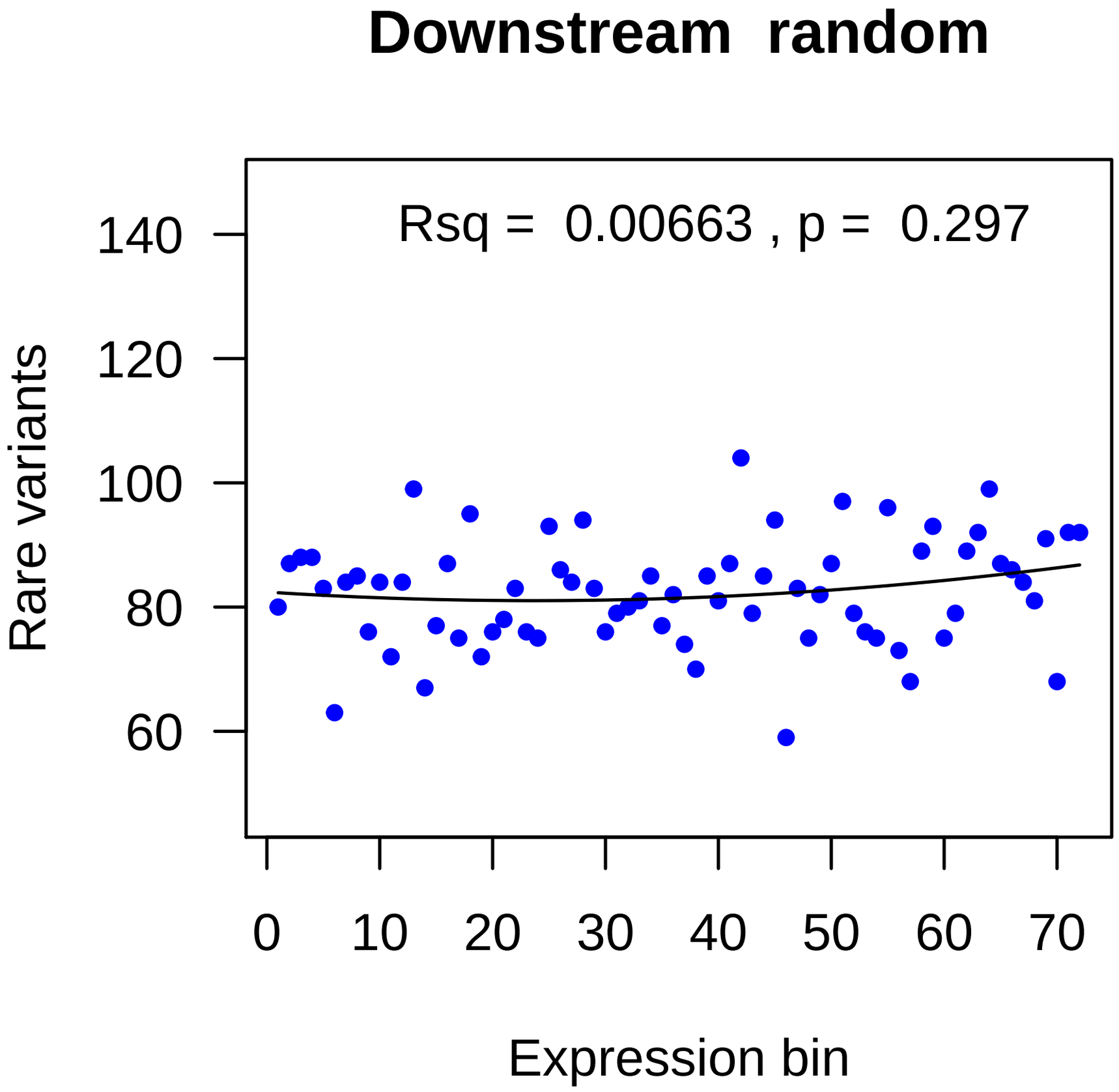

Exon real
Rsq = 0.441 , p = 7.21e−10
Rare variants
80
70
60
50
40
30
20
0
10
20
30
40
50
60
70
Expression bin

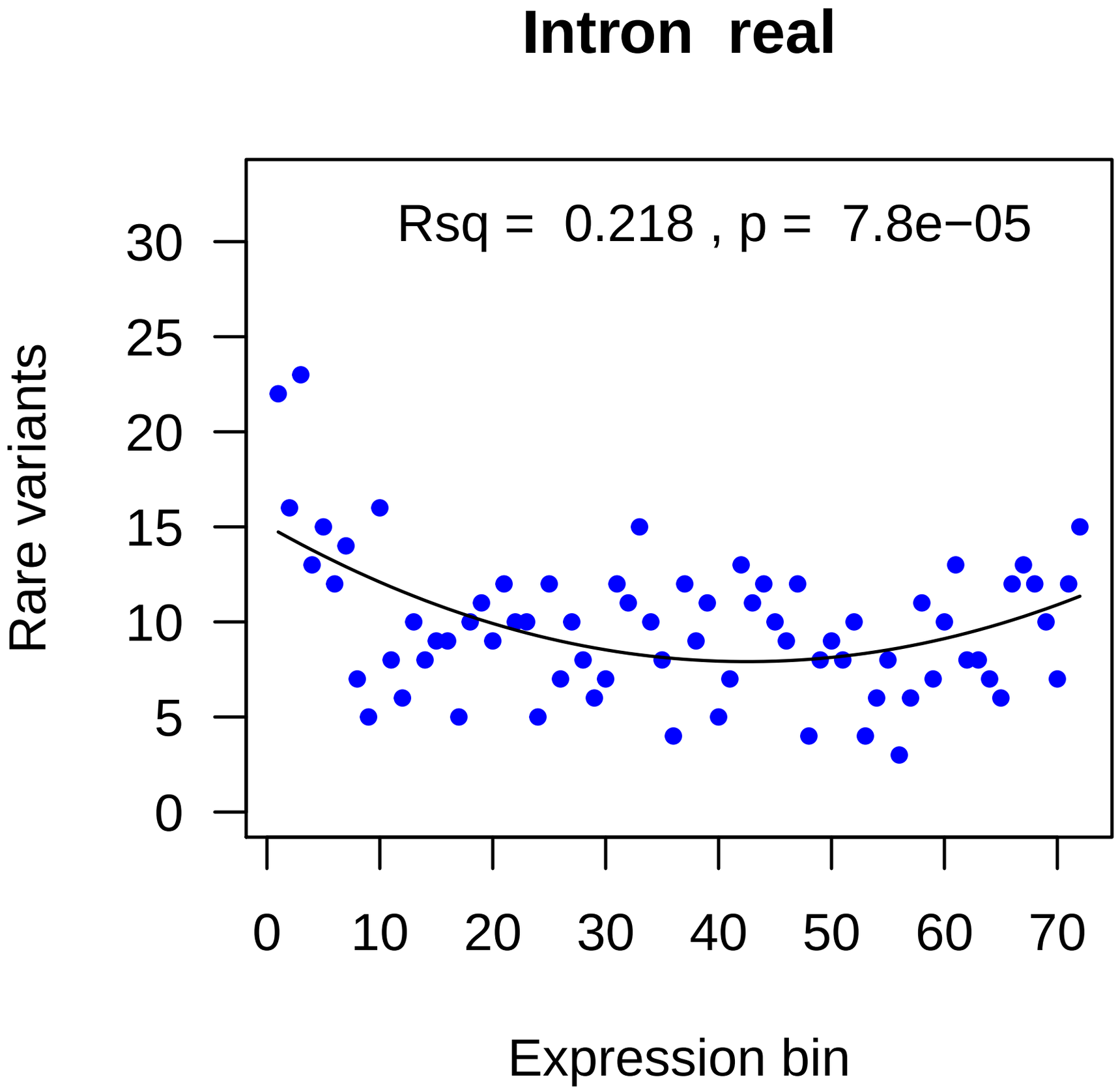

Exon random
Rsq = −0.0249 , p = 0.872
Rare variants
80
70
60
50
40
30
20
0
10
20
30
40
50
60
70
Expression bin

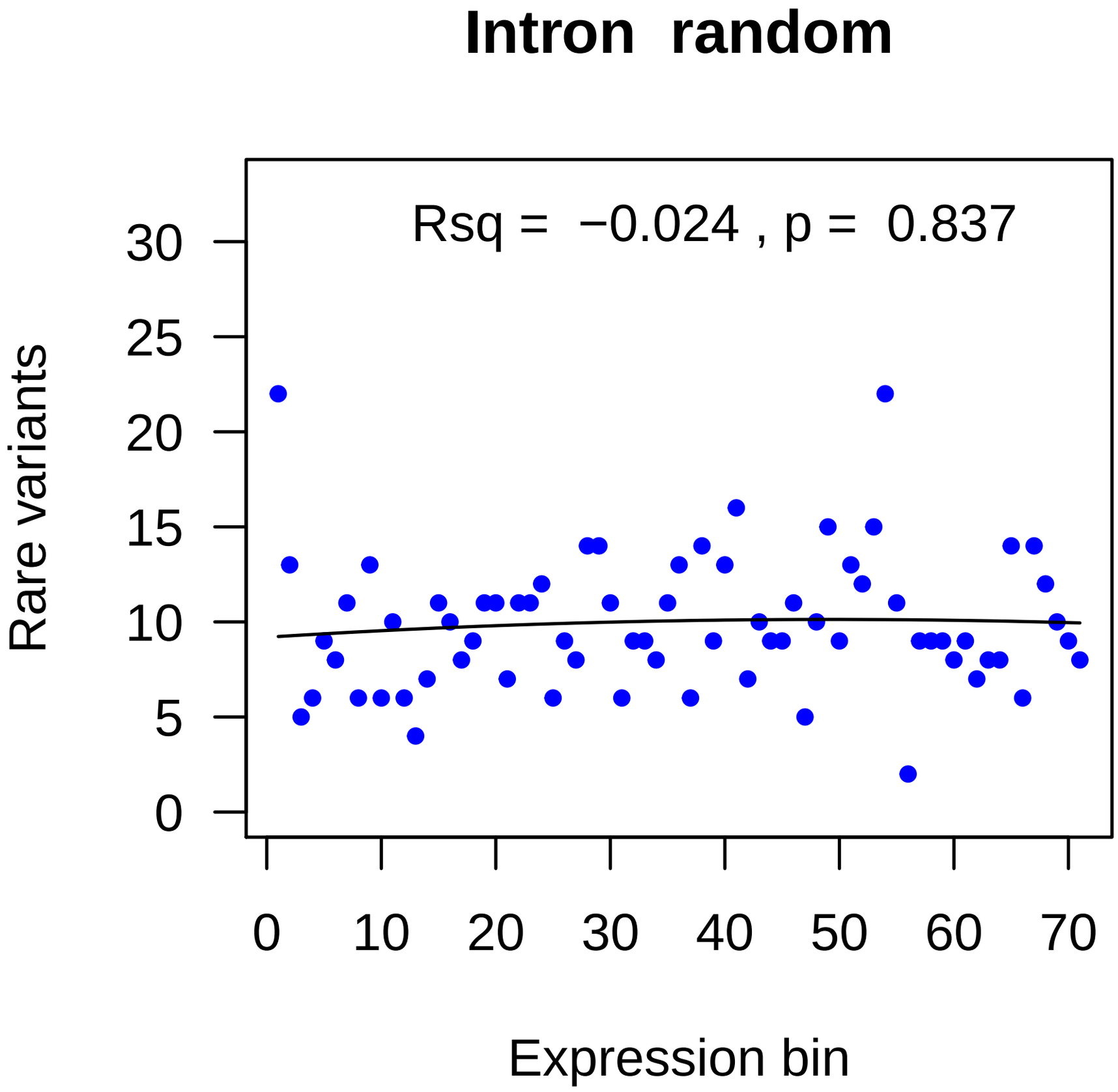

Upstream real
Rsq = 0.243 , p = 2.49e−05
Rare variants
120
110
100
90
80
70
60
50
0
10
20
30
40
50
60
70
Expression bin

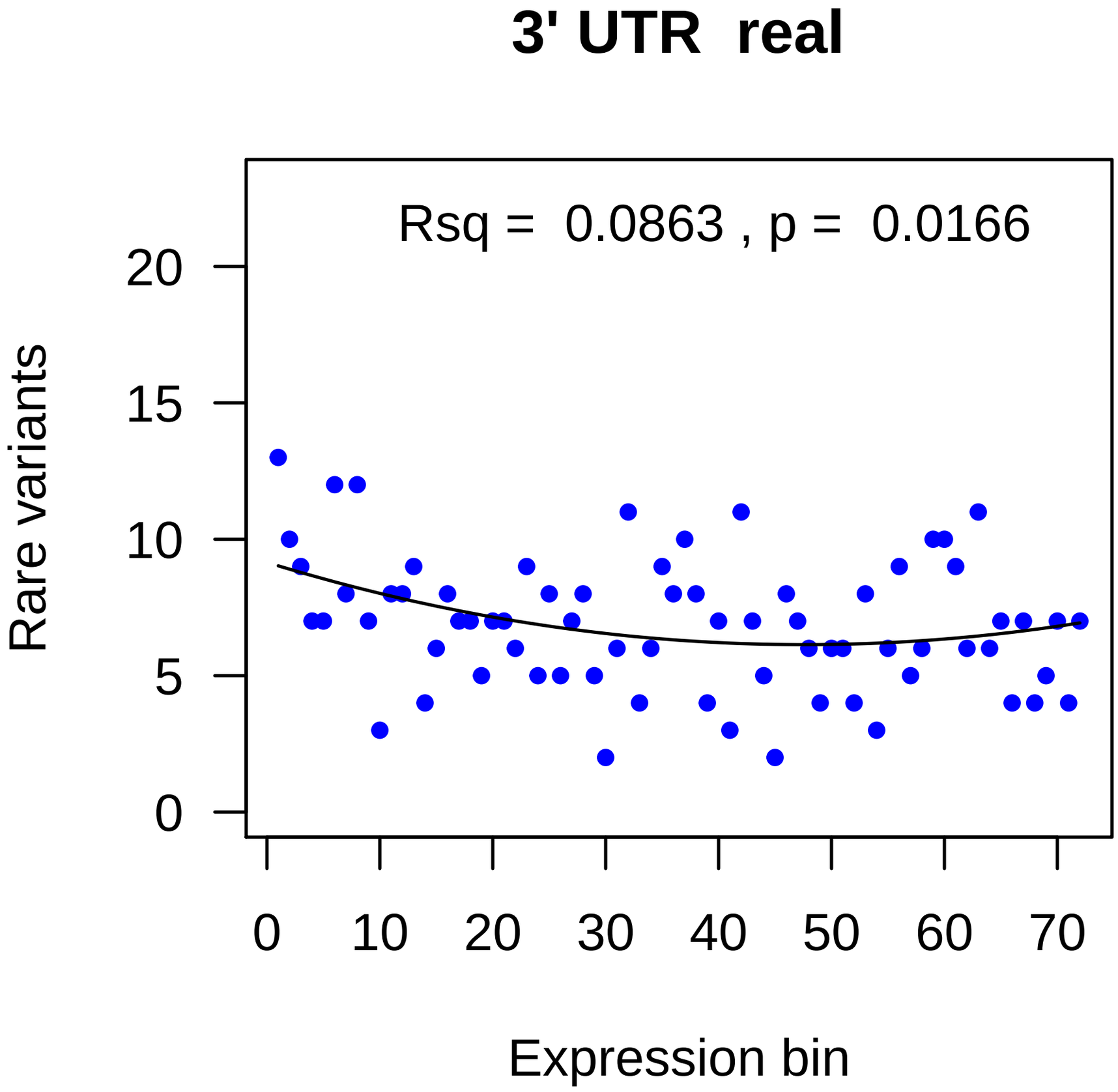

Upstream random
Rsq = −0.0168 , p = 0.663
Rare variants
120
110
100
90
80
70
60
50
0
10
20
30
40
50
60
70
Expression bin

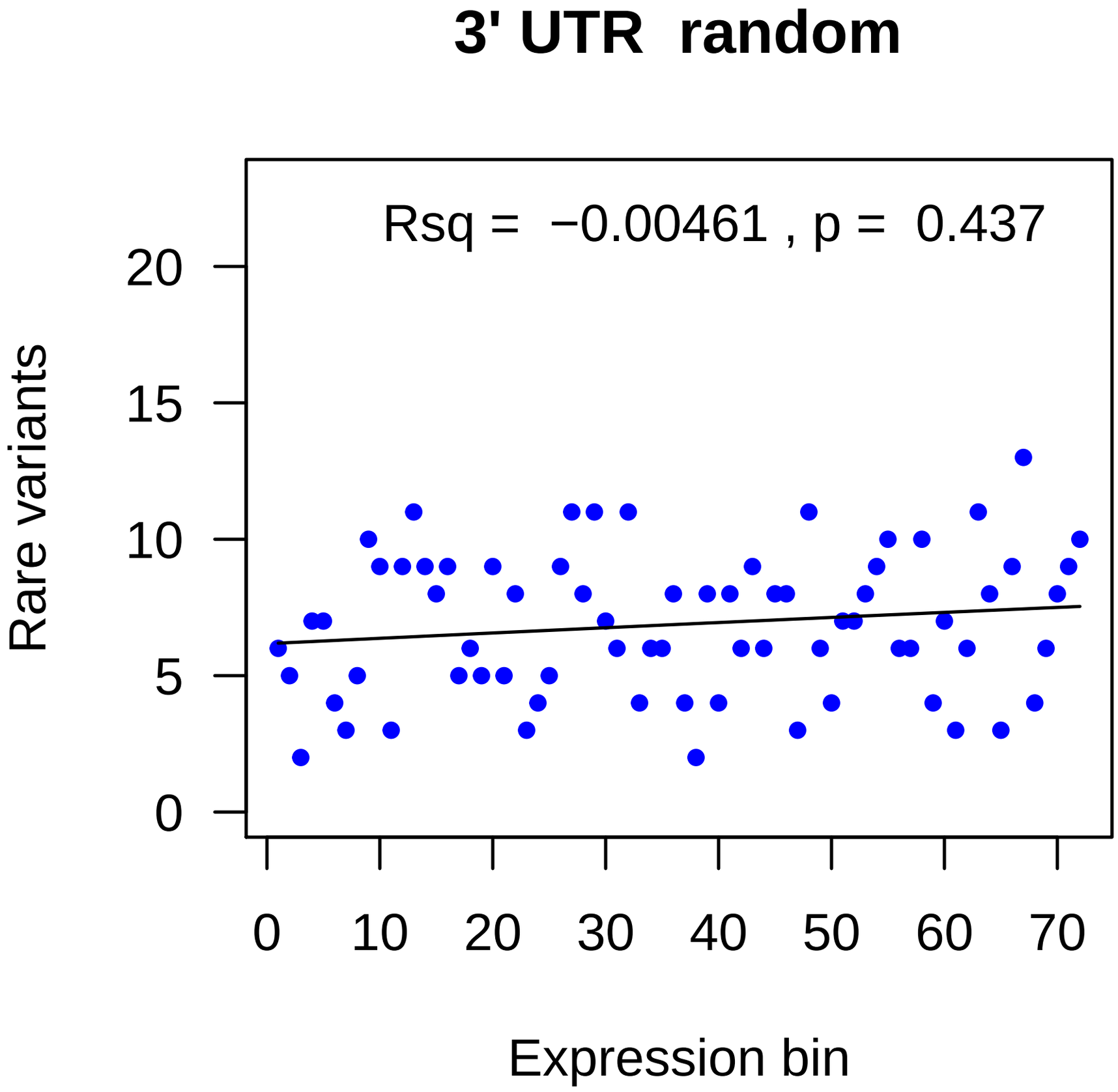

Downstream real
Rsq = 0.39 , p = 1.43e−08
Rare variants
140
120
100
80
60
0
10
20
30
40
50
60
70
Expression bin

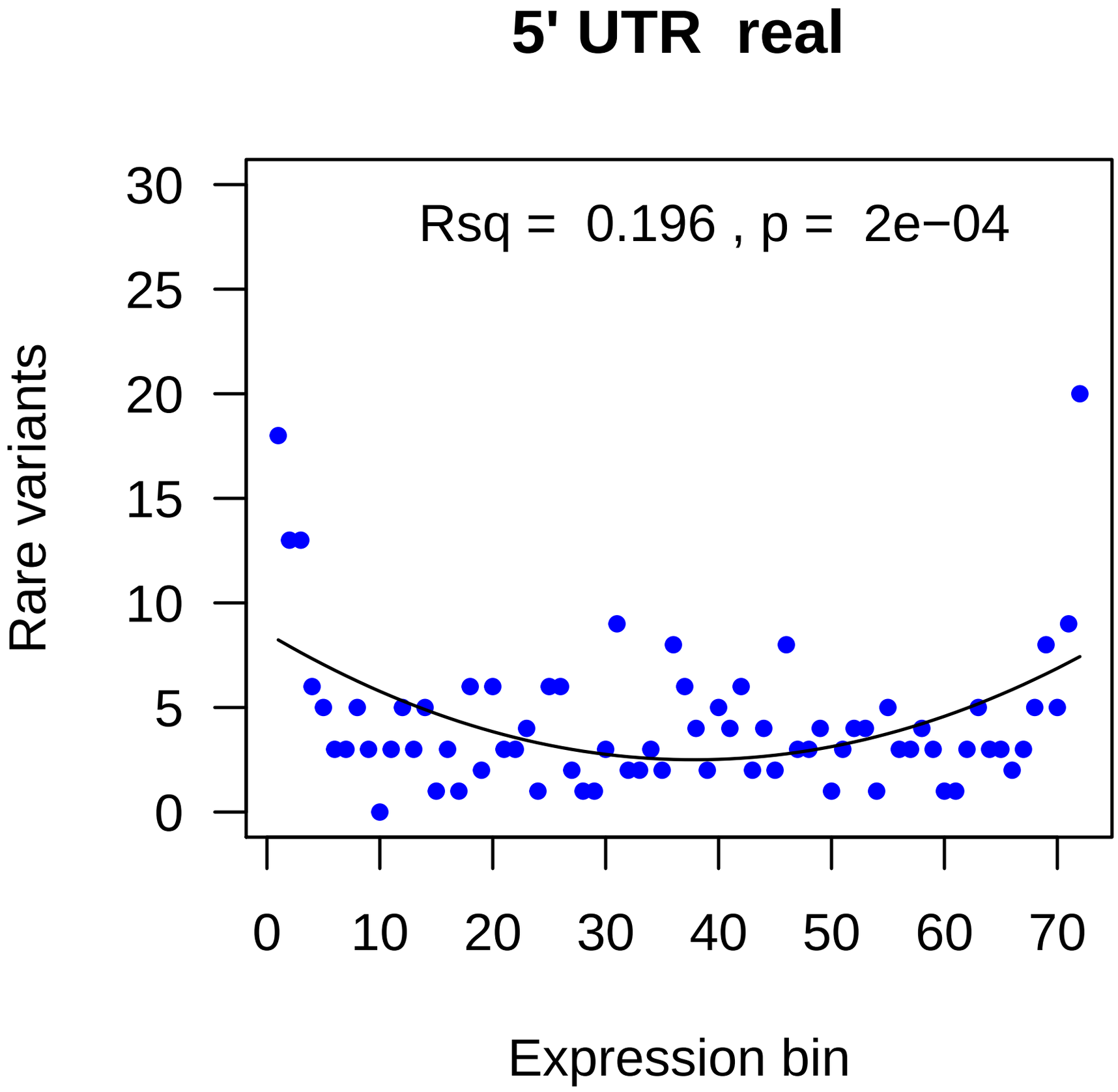

Downstream random
Rsq = 0.00663 , p = 0.297
Rare variants
140
120
100
80
60
0
10
20
30
40
50
60
70
Expression bin

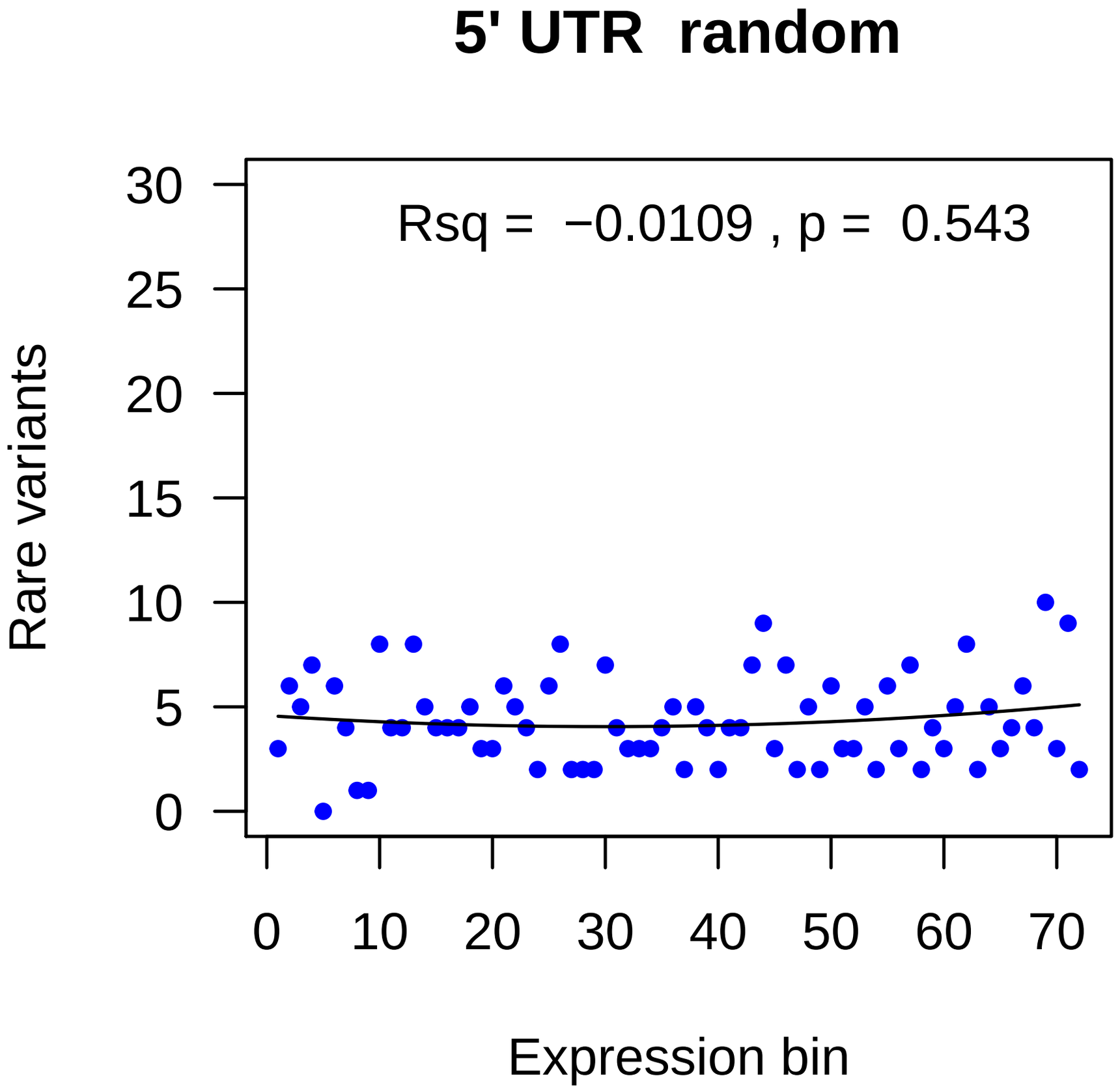

Intron real
Rsq = 0.218 , p = 7.8e−05
Rare variants
0
5
10
15
20
25
30
0
10
20
30
40
50
60
70
Expression bin


Intron random
Rsq = −0.024 , p = 0.837
Rare variants
0
5
10
15
20
25
30
0
10
20
30
40
50
60
70
Expression bin


3' UTR real
Rsq = 0.0863 , p = 0.0166
Rare variants
0
5
10
15
20
0
10
20
30
40
50
60
70
Expression bin


3' UTR random
Rsq = −0.00461 , p = 0.437
Rare variants
0
5
10
15
20
0
10
20
30
40
50
60
70
Expression bin


5' UTR real
Rsq = 0.196 , p = 2e−04
Rare variants
0
5
10
15
20
25
30
0
10
20
30
40
50
60
70
Expression bin


5' UTR random
Rsq = −0.0109 , p = 0.543
Rare variants
0
5
10
15
20
25
30
0
10
20
30
40
50
60
70
Expression bin