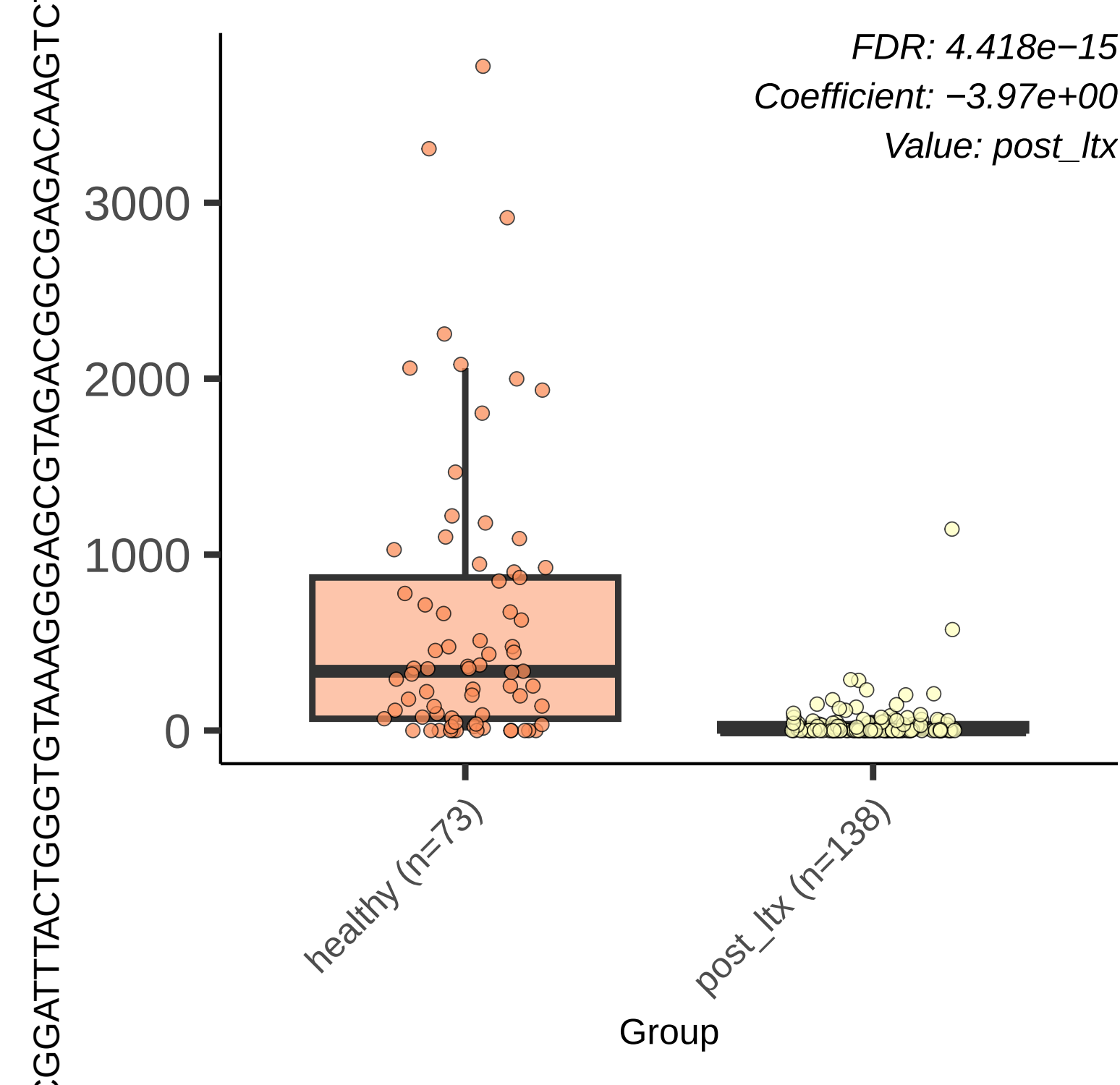
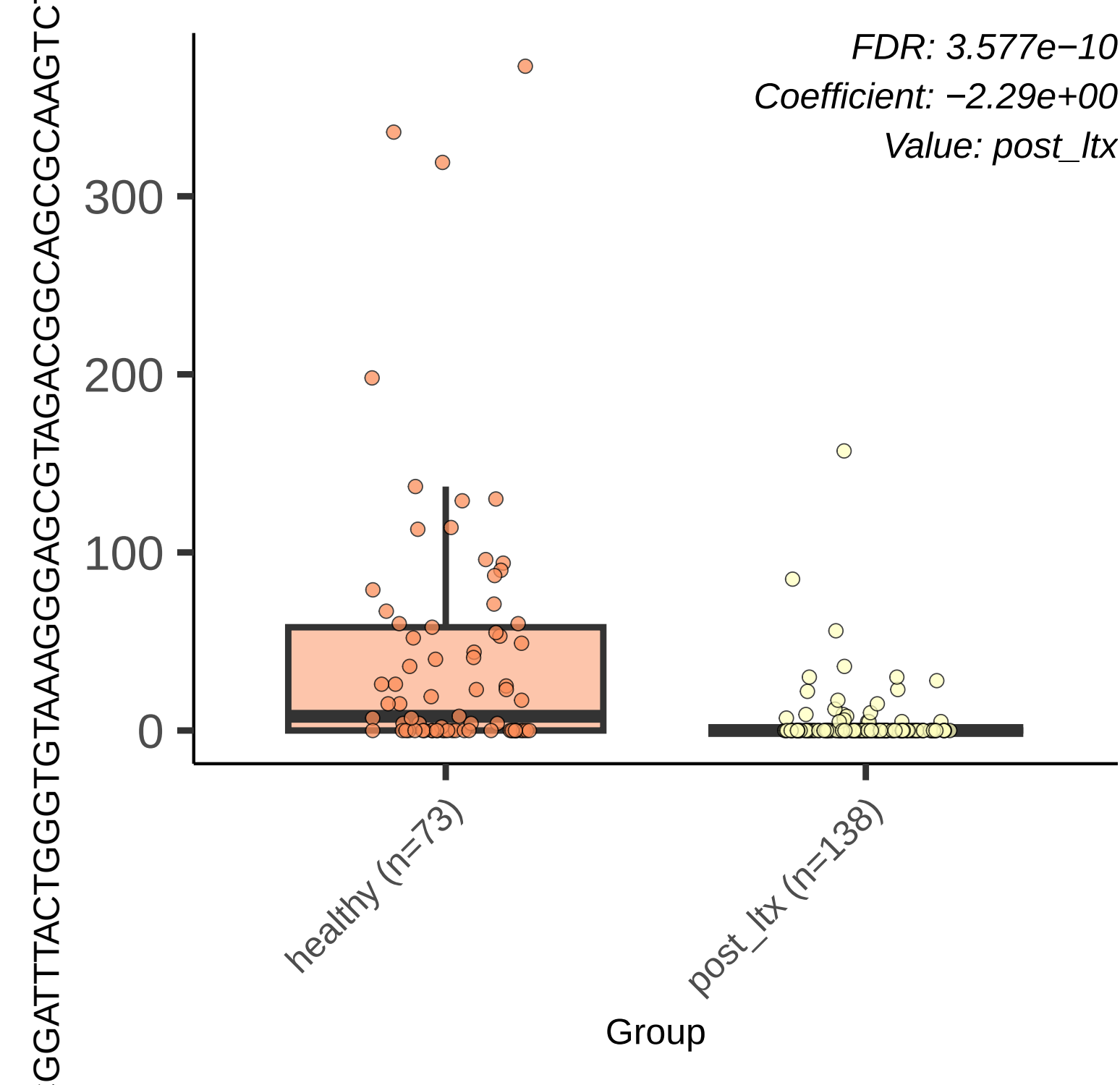
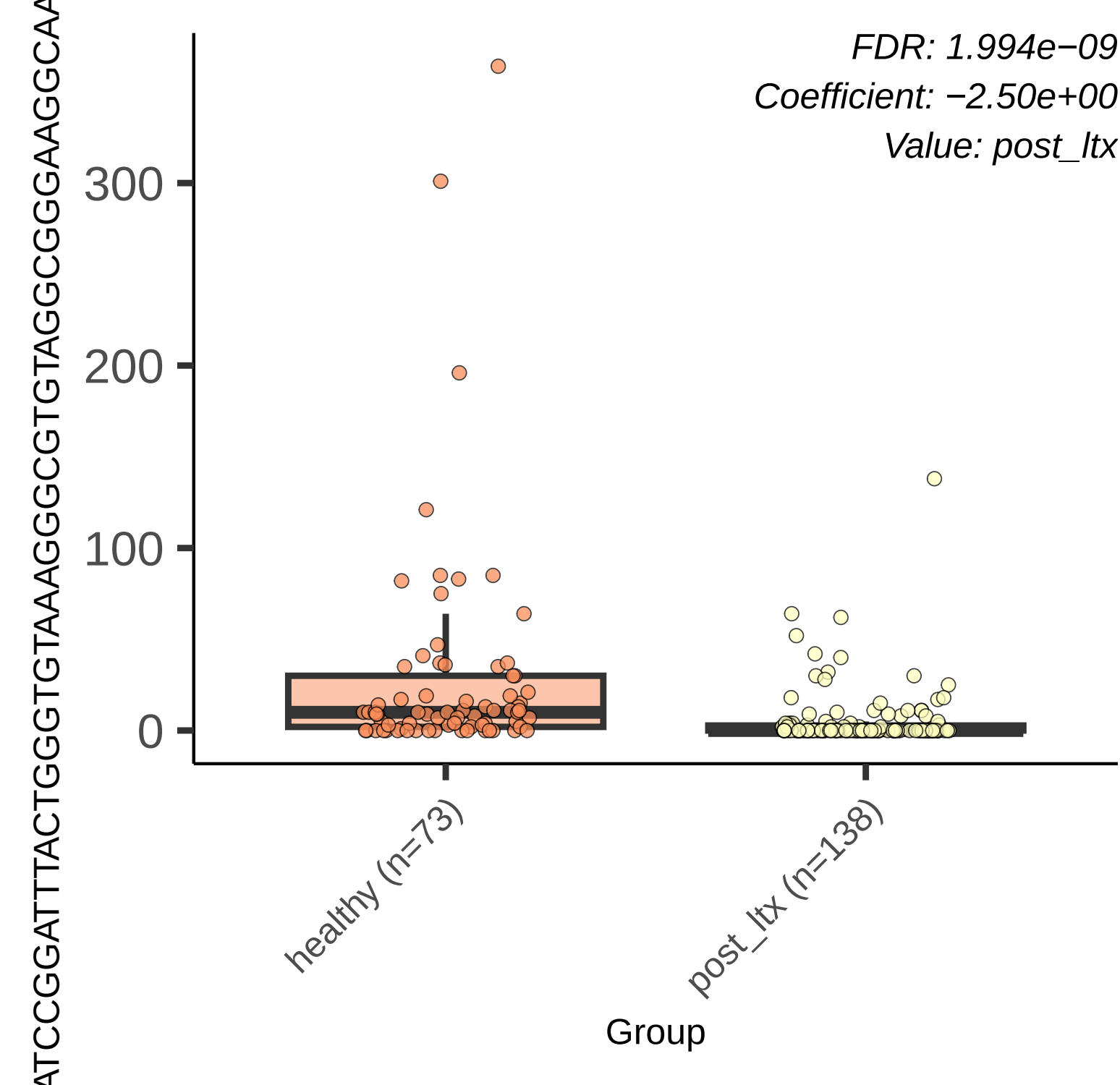
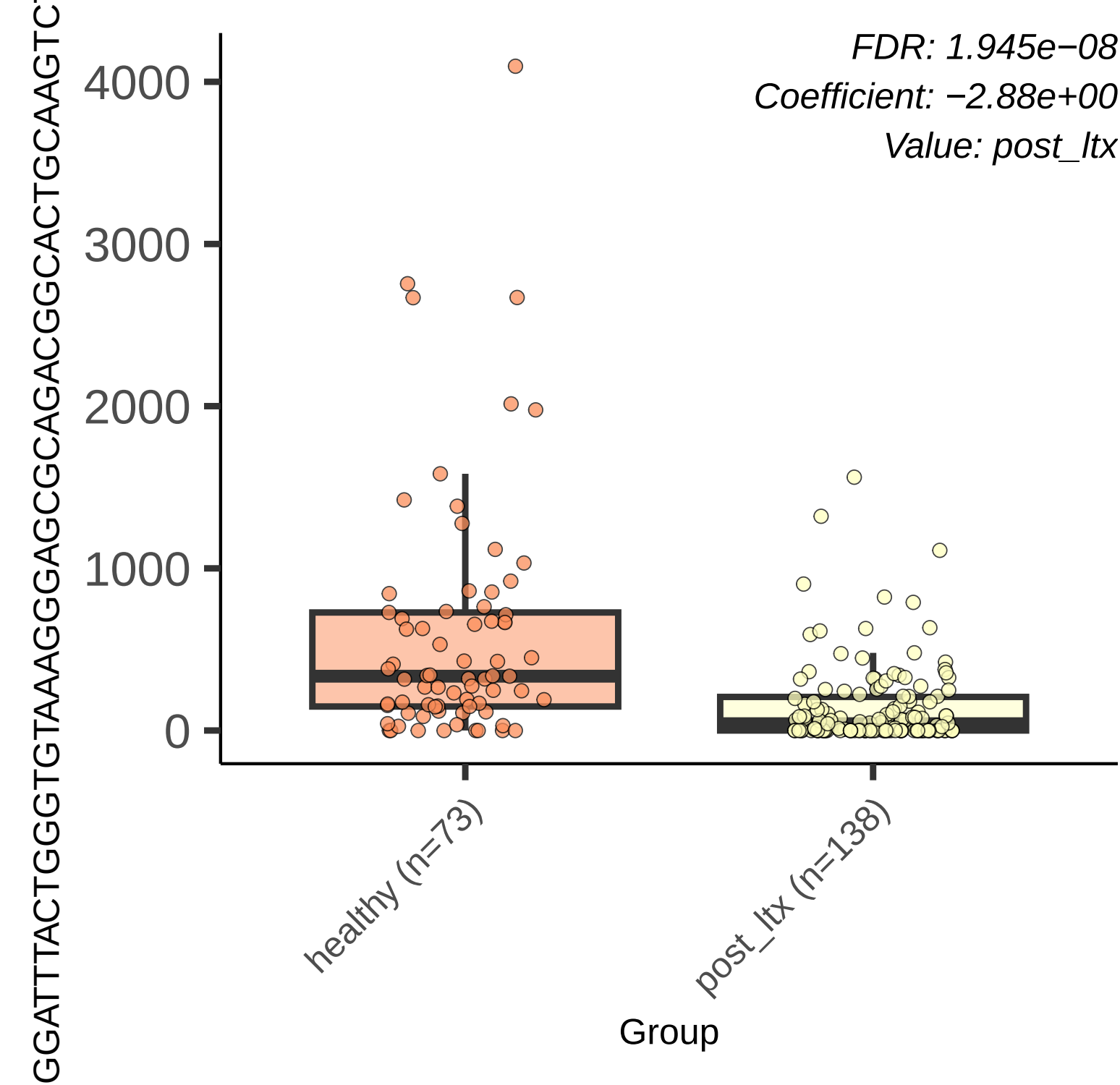
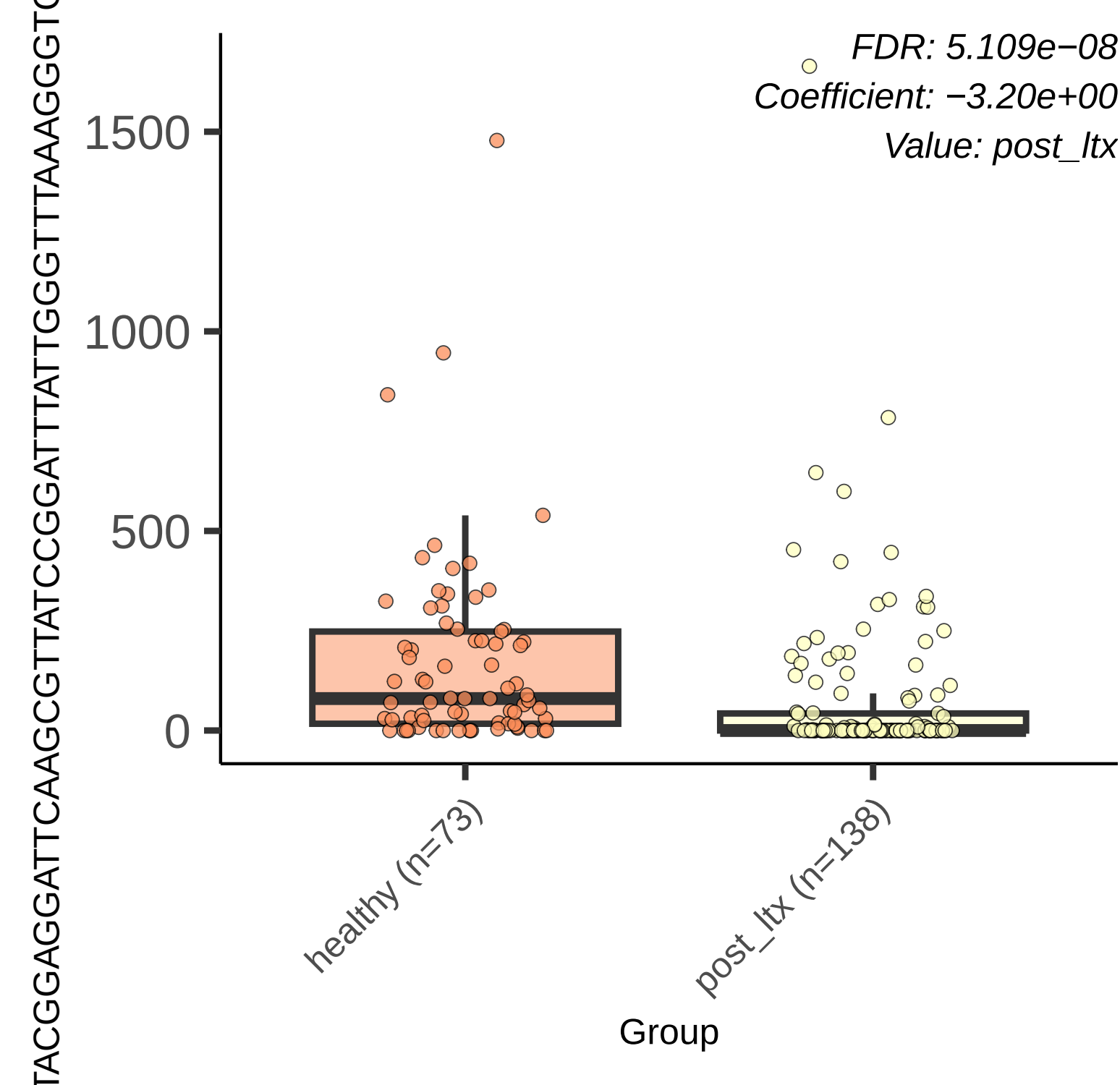
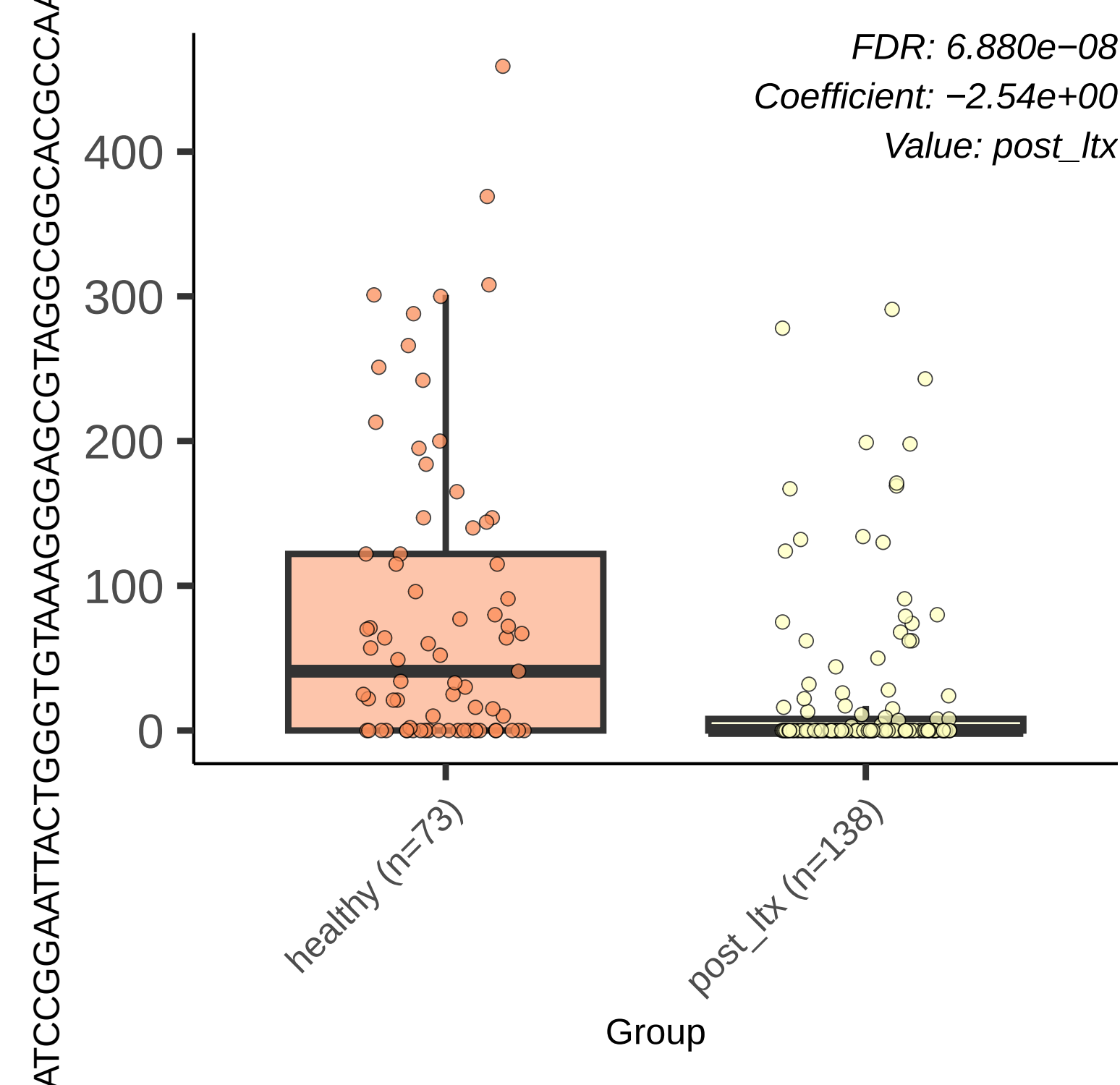

FDR: 4.418e−15
Coefficient: −3.97e+00
Value: post_ltx
3000
2000
1000
0
healthy (n=73)
post_ltx (n=138)
Group

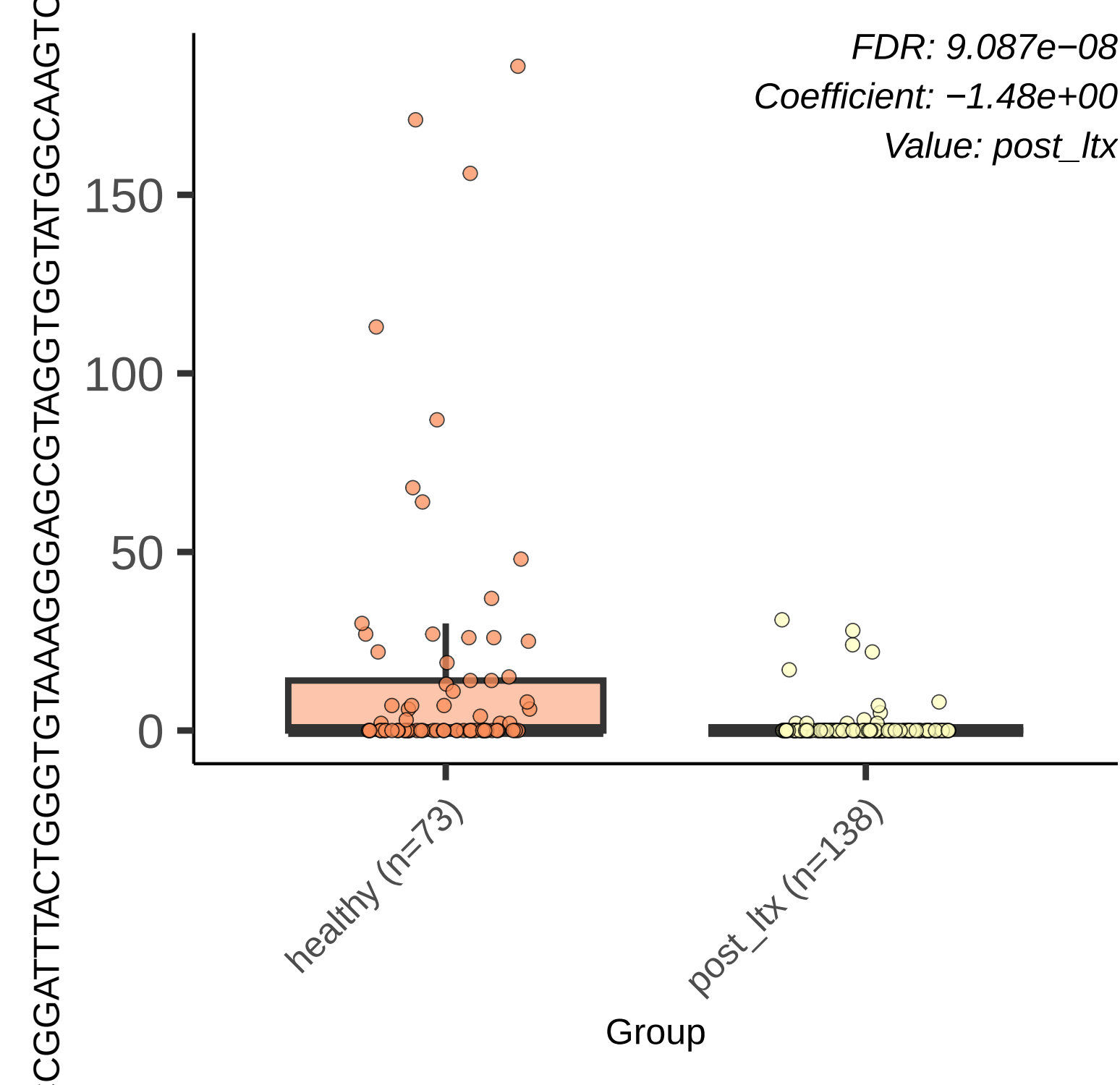

FDR: 3.577e−10
Coefficient: −2.29e+00
Value: post_ltx
300
200
100
0
healthy (n=73)
post_ltx (n=138)
Group
GGATTTACTGGGTGTAAAGGGAGCGTAGACGGCAAGTC

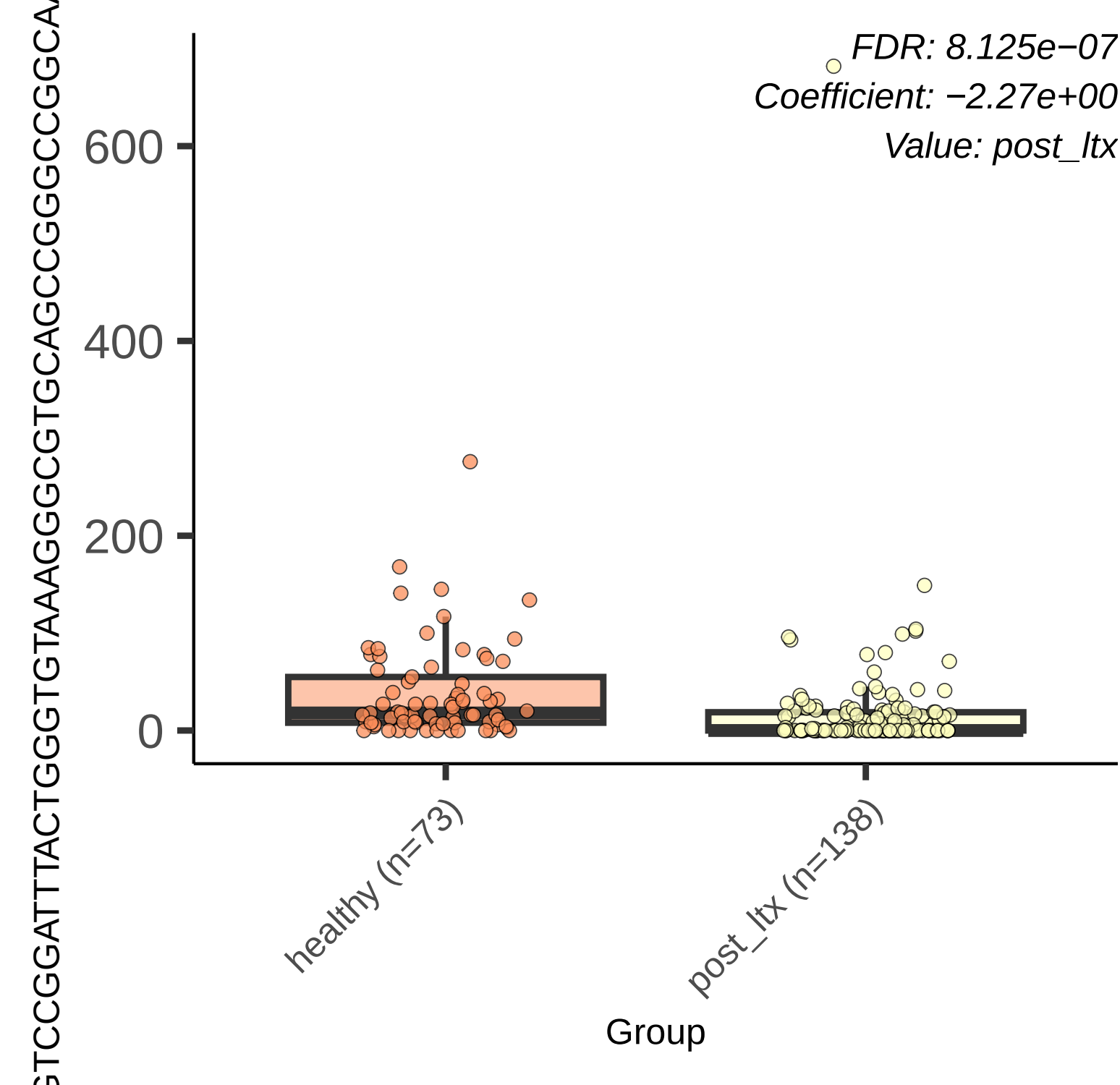

FDR: 1.994e−09
Coefficient: −2.50e+00
Value: post_ltx
300
200
100
0
healthy (n=73)
post_ltx (n=138)
Group
ATCCGGATTTACTGGGTGTAAAGGGCGTGTAGGCGGGAAGGCAA

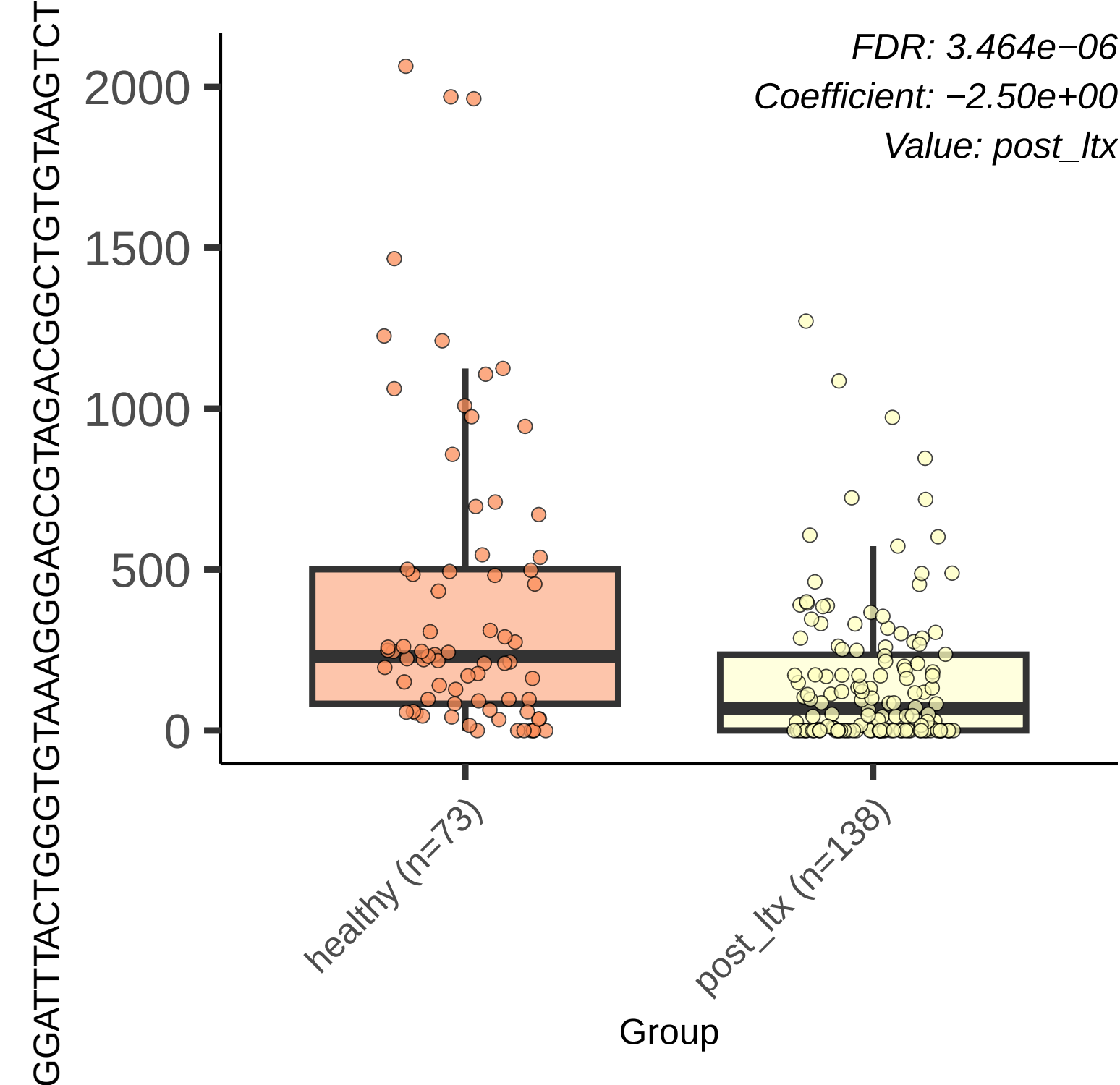

FDR: 1.945e−08
Coefficient: −2.88e+00
Value: post_ltx
4000
3000
2000
1000
0
GGATTTACTGGGTGTAAAGGGAGCGCAGACGGCACTGCAAGTC
healthy (n=73)
post_ltx (n=138)
Group

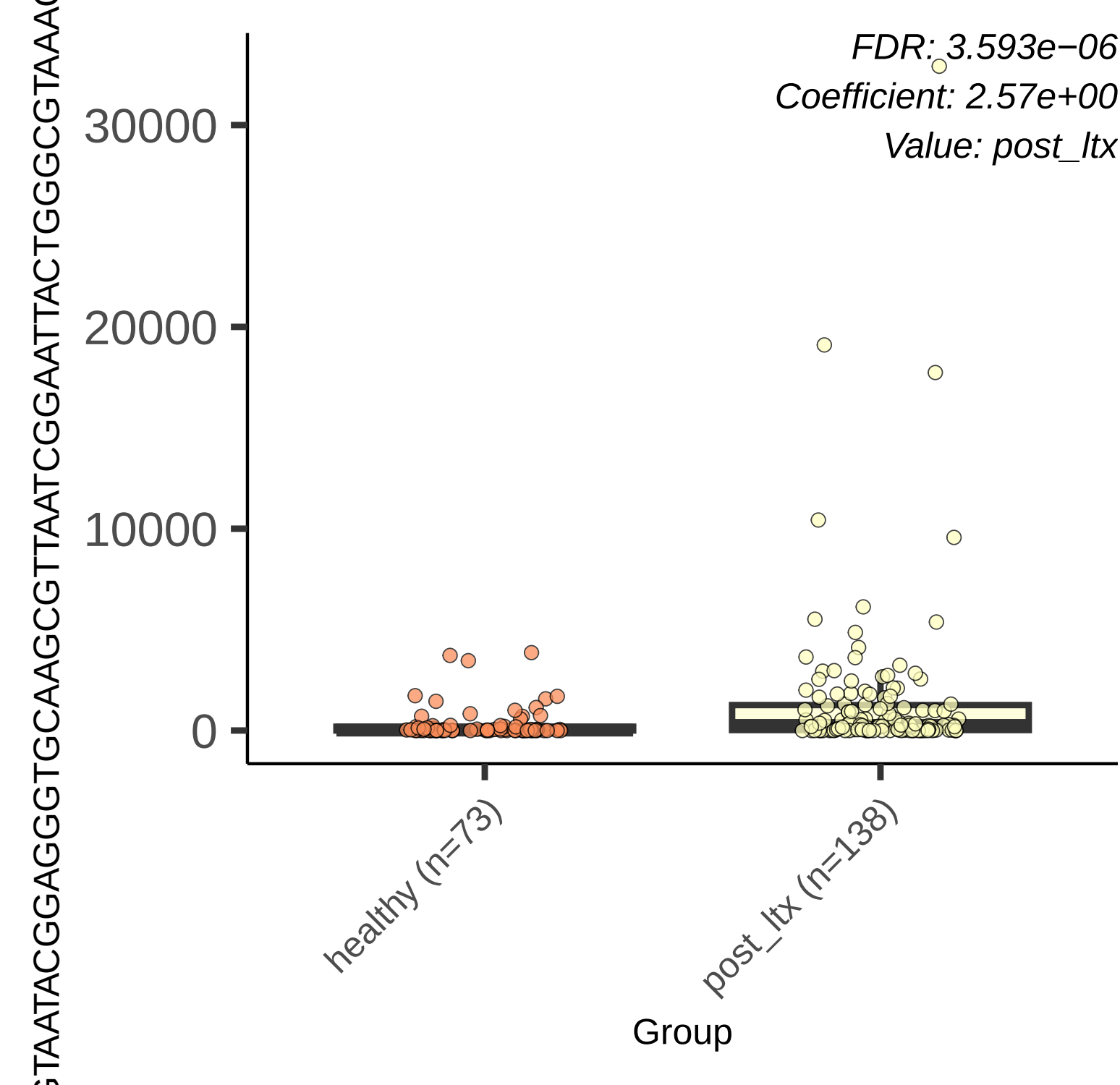

FDR: 5.109e−08
Coefficient: −3.20e+00
Value: post_ltx
1500
1000
500
0
healthy (n=73)
post_ltx (n=138)
Group
TACGGAGGATTCAAGCGTTATCCGGATTTATTGGGTTTAAAGGGTC

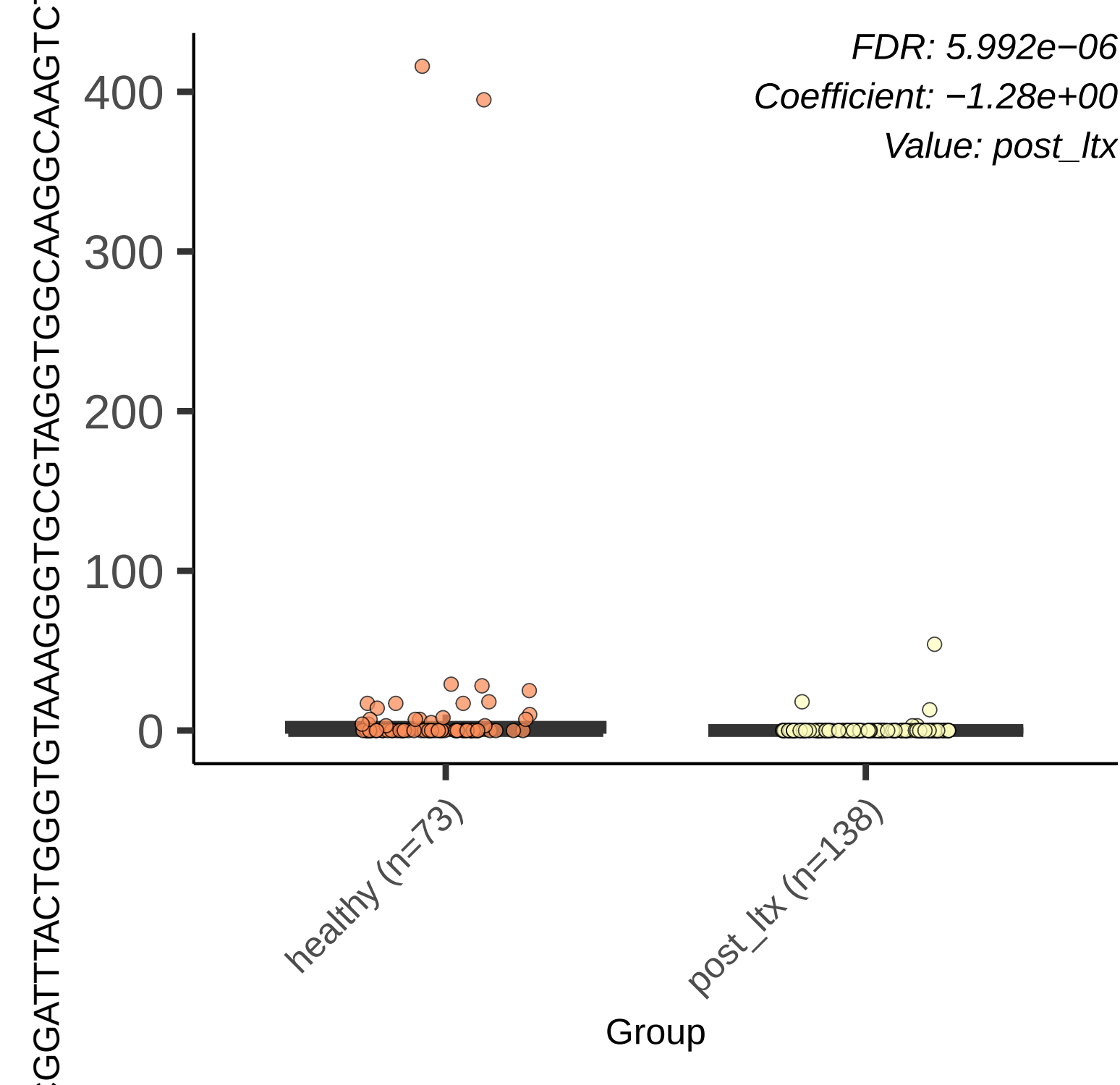

FDR: 6.880e−08
Coefficient: −2.54e+00
Value: post_ltx
400
300
200
100
0
healthy (n=73)
post_ltx (n=138)
Group
ATCCGGAATTACTGGGTGTAAAGGGAGCGTAGGCGGCACGGCCAA

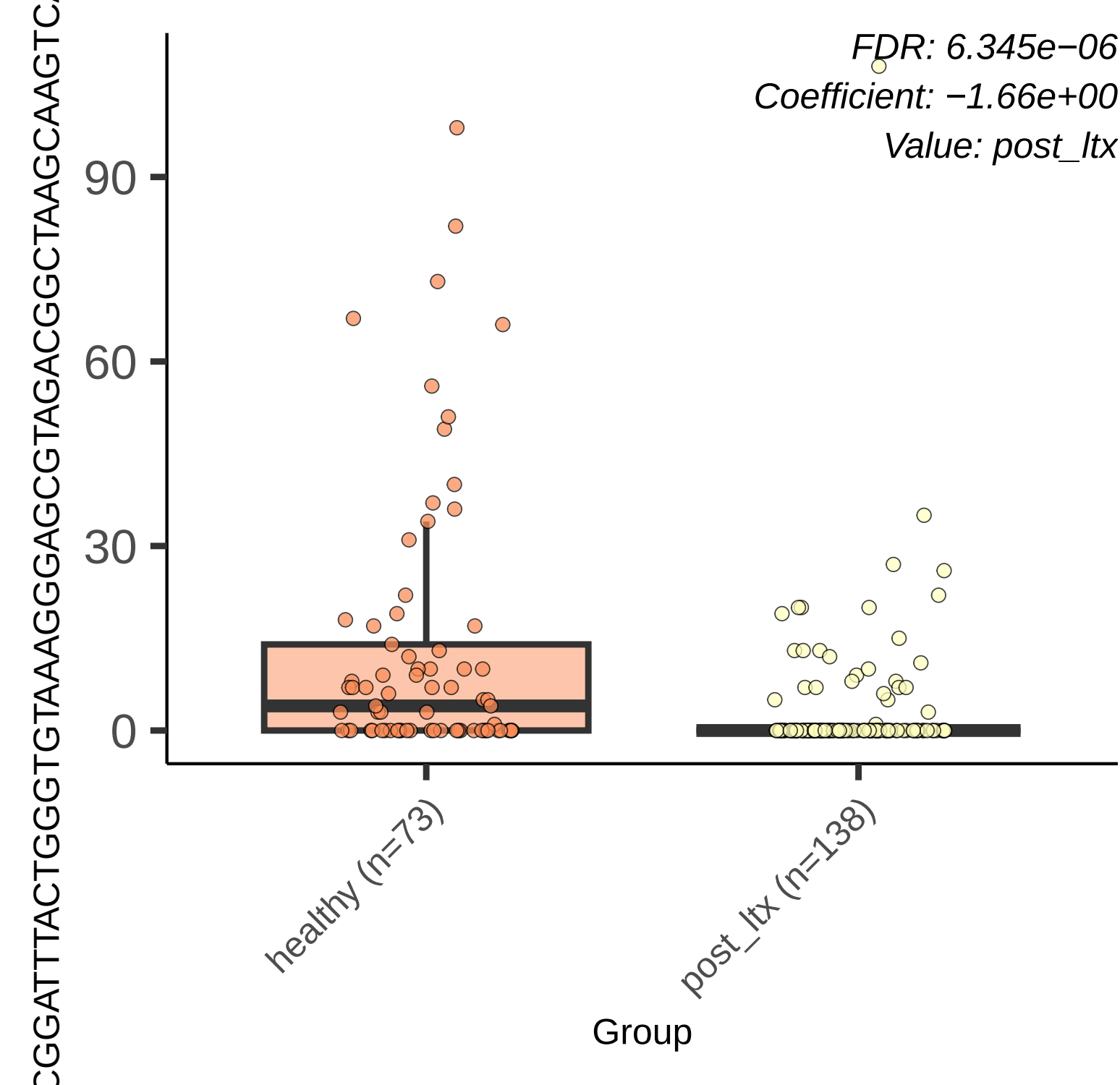

FDR: 9.087e−08
Coefficient: −1.48e+00
Value: post_ltx
150
100
50
0
healthy (n=73)
post_ltx (n=138)
Group
CGGATTTACTGGGTGTAAAGGGAGCGTAGGTGGTATGGCAAGTC

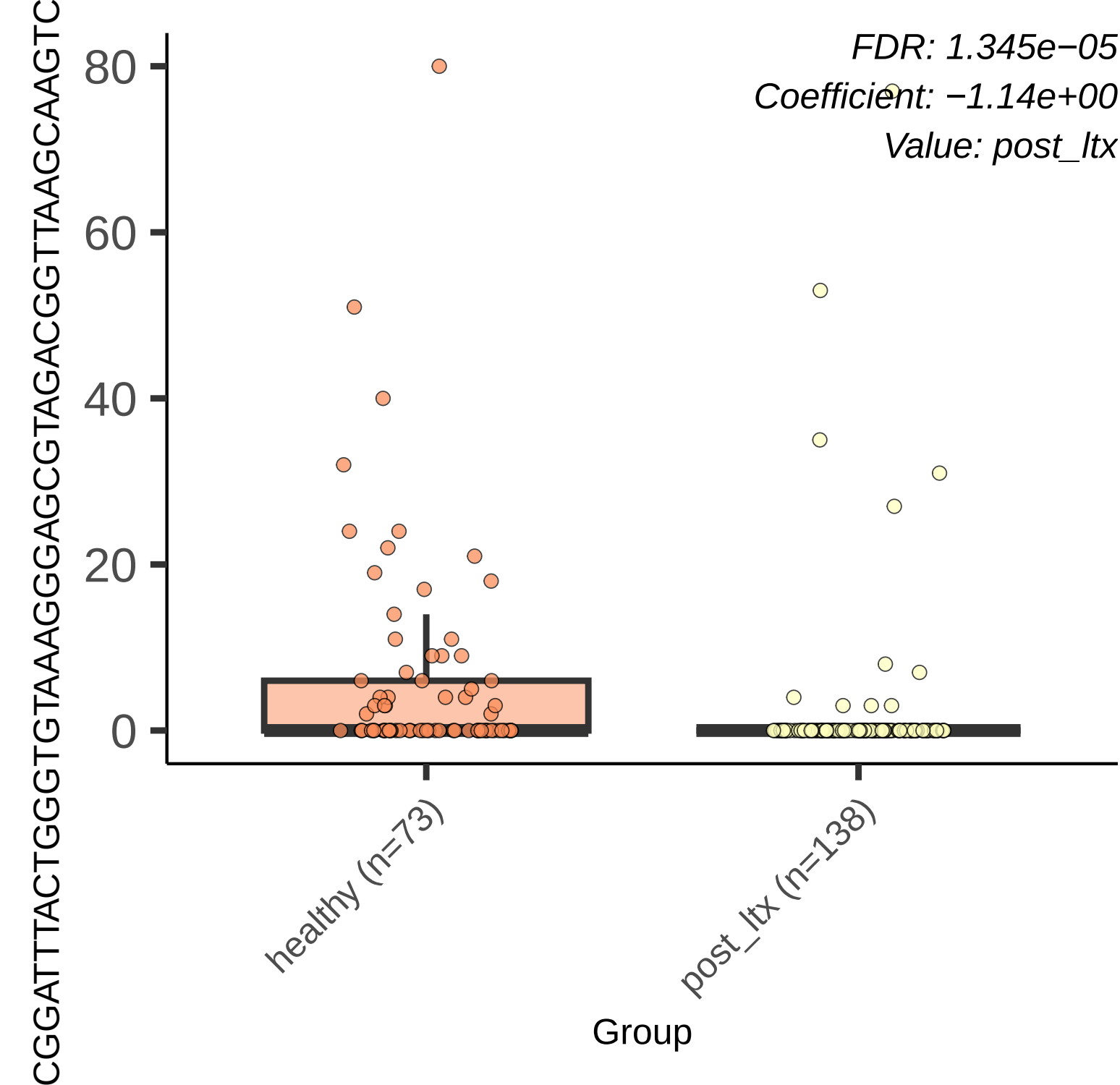

FDR: 8.125e−07
Coefficient: −2.27e+00
Value: post_ltx
600
400
200
0
healthy (n=73)
post_ltx (n=138)
Group
GTCCGGATTTACTGGGTGTAAAGGGCGTGCAGGCCGGGGCCGGCA

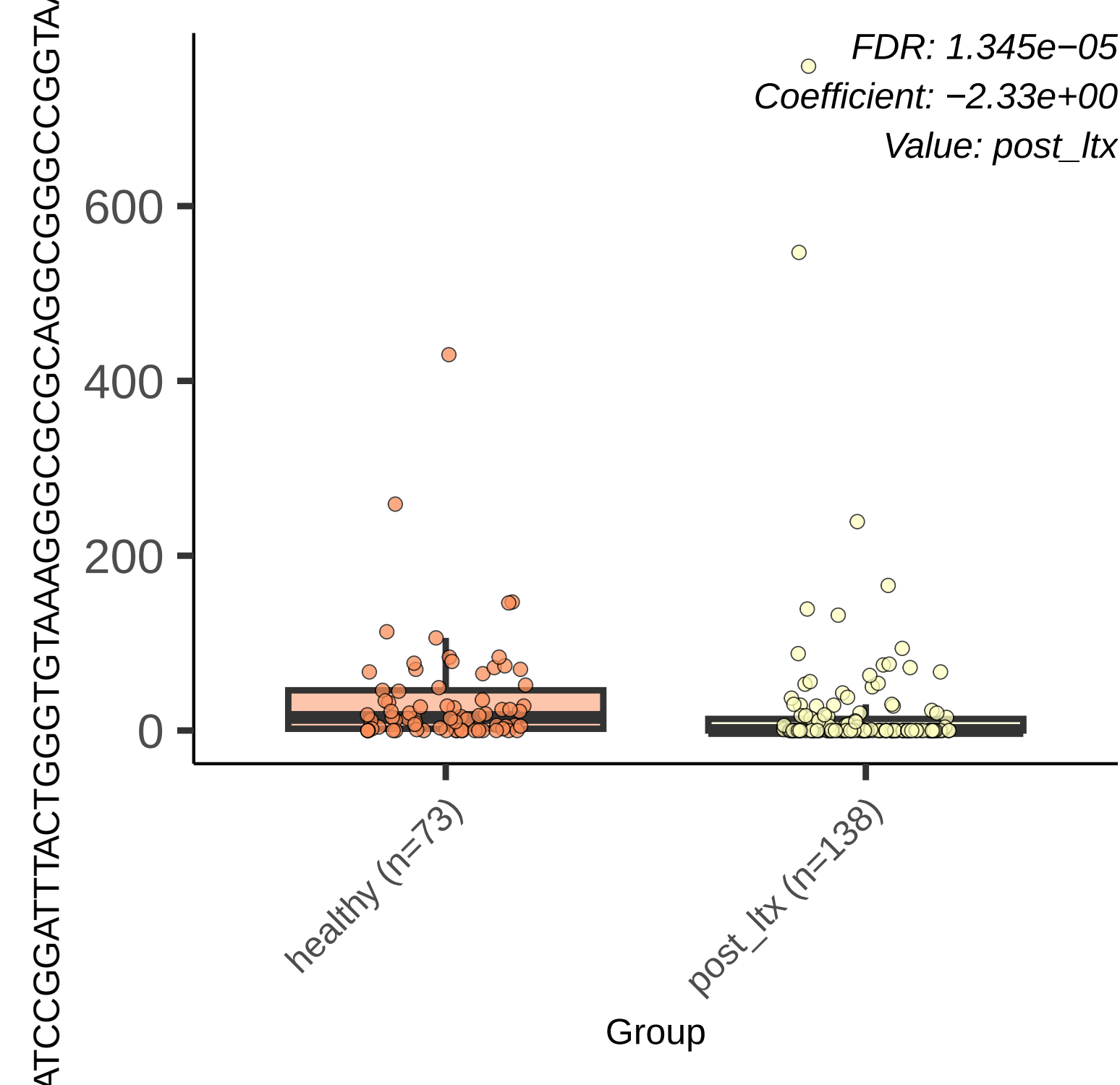

GGATTTACTGGGTGTAAAGGGAGCGTAGACGGCTGTGTAAGTCT
FDR: 3.464e−06
Coefficient: −2.50e+00
Value: post_ltx
2000
1500
1000
500
0
healthy (n=73)
post_ltx (n=138)
Group

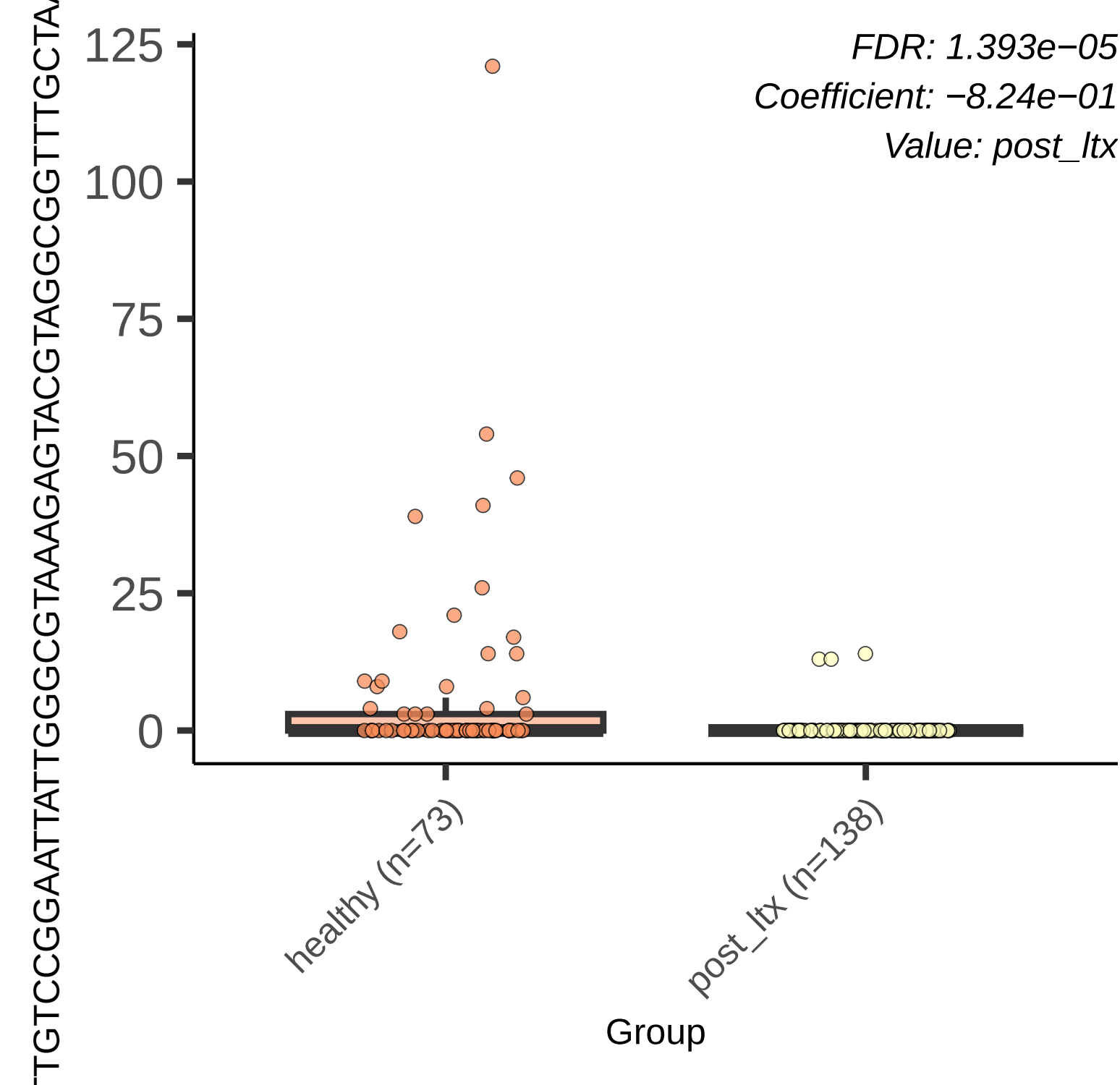

FDR: 3.593e−06
Coefficient: 2.57e+00
Value: post_ltx
30000
20000
10000
0
healthy (n=73)
post_ltx (n=138)
Group
GTAATACGGAGGGTGCAAGCGTTAATCGGAATTACTGGGCGTAAA

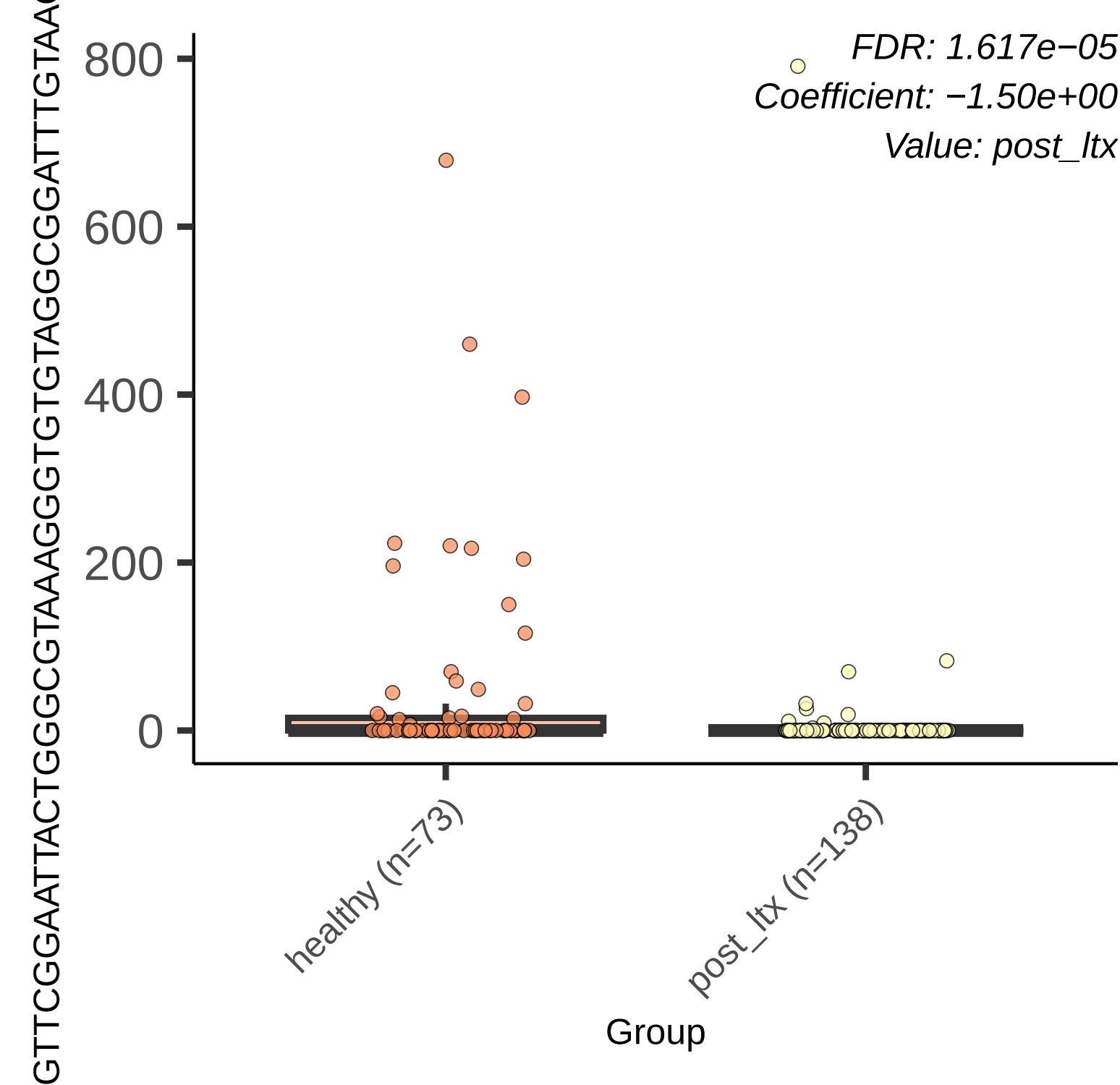

FDR: 5.992e−06
Coefficient: −1.28e+00
Value: post_ltx
400
300
200
100
0
healthy (n=73)
post_ltx (n=138)
Group
GGATTTACTGGGTGTAAAGGGTGCGTAGGTGGCAAGGCAAGTC

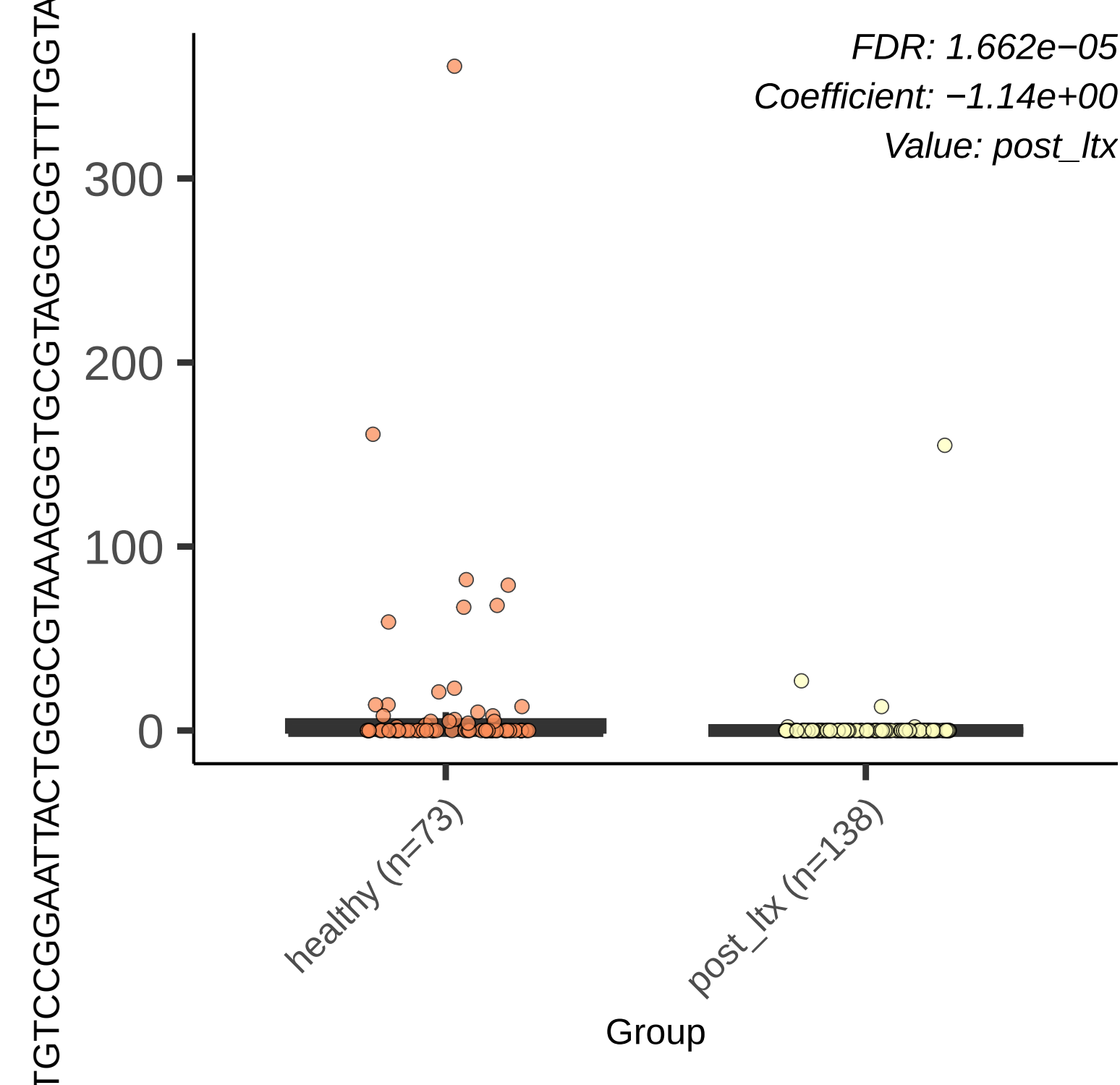

FDR: 6.345e−06
Coefficient: −1.66e+00
Value: post_ltx
90
60
30
0
healthy (n=73)
post_ltx (n=138)
Group
CGGATTTACTGGGTGTAAAGGGAGCGTAGACGGCTAAGCAAGTC

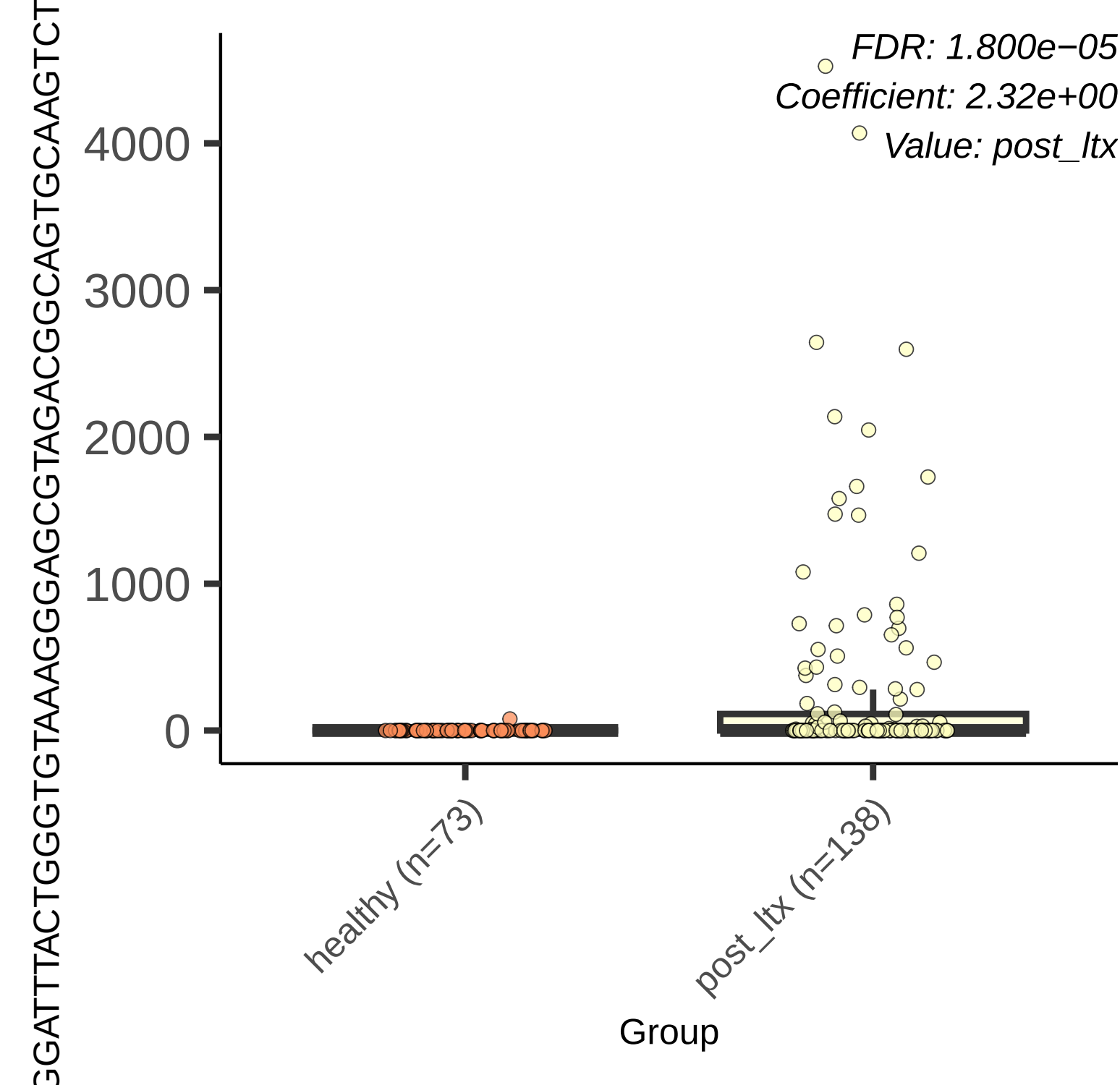

FDR: 1.345e−05
Coefficient: −1.14e+00
Value: post_ltx
80
60
40
20
0
healthy (n=73)
post_ltx (n=138)
Group
CGGATTTACTGGGTGTAAAGGGAGCGTAGACGGTTAAGCAAGTC

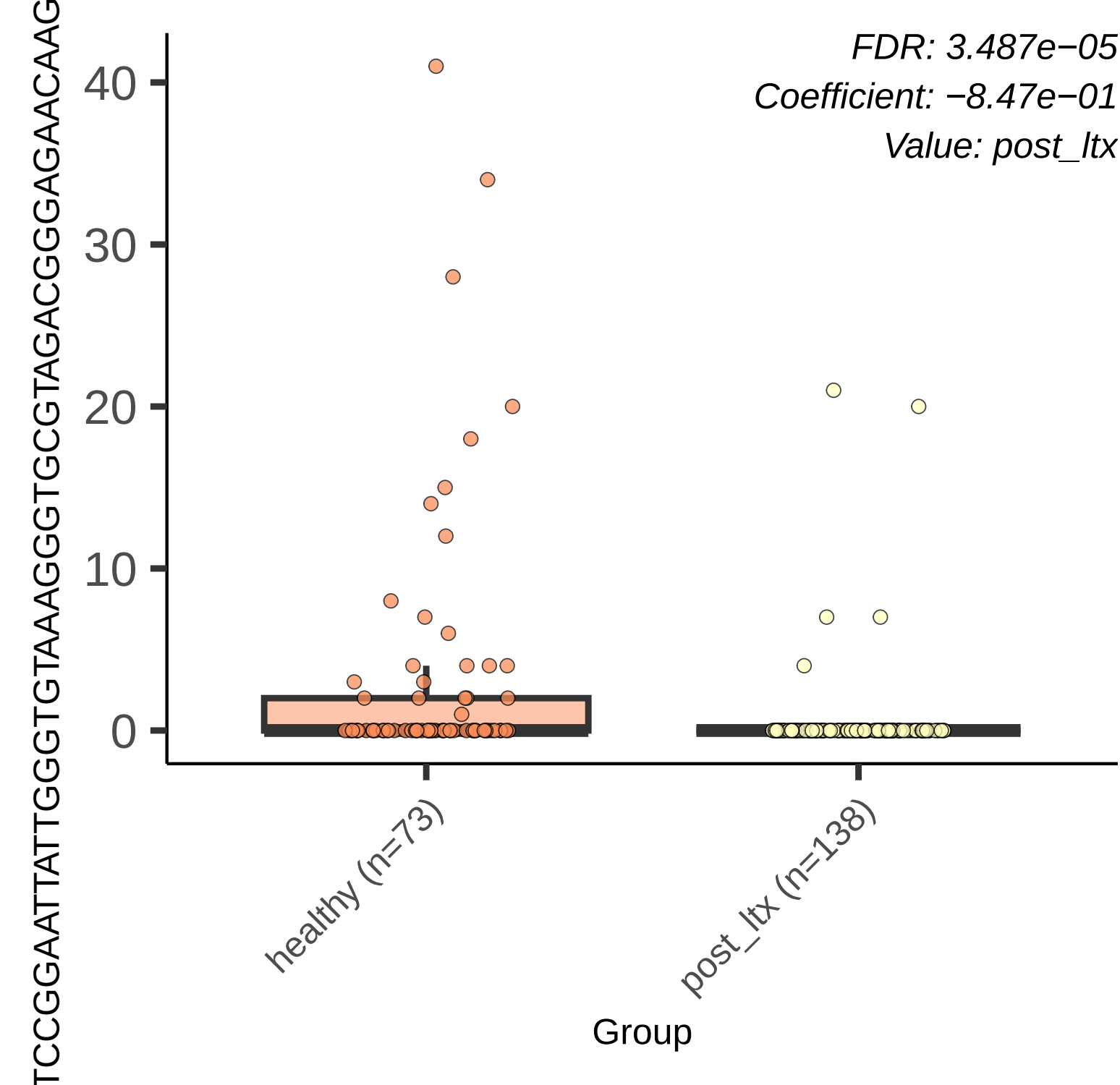

FDR: 1.345e−05
Coefficient: −2.33e+00
Value: post_ltx
600
400
200
0
healthy (n=73)
post_ltx (n=138)
Group
ATCCGGATTTACTGGGTGTAAAGGGCGCGCAGGCGGGGCCGGTA

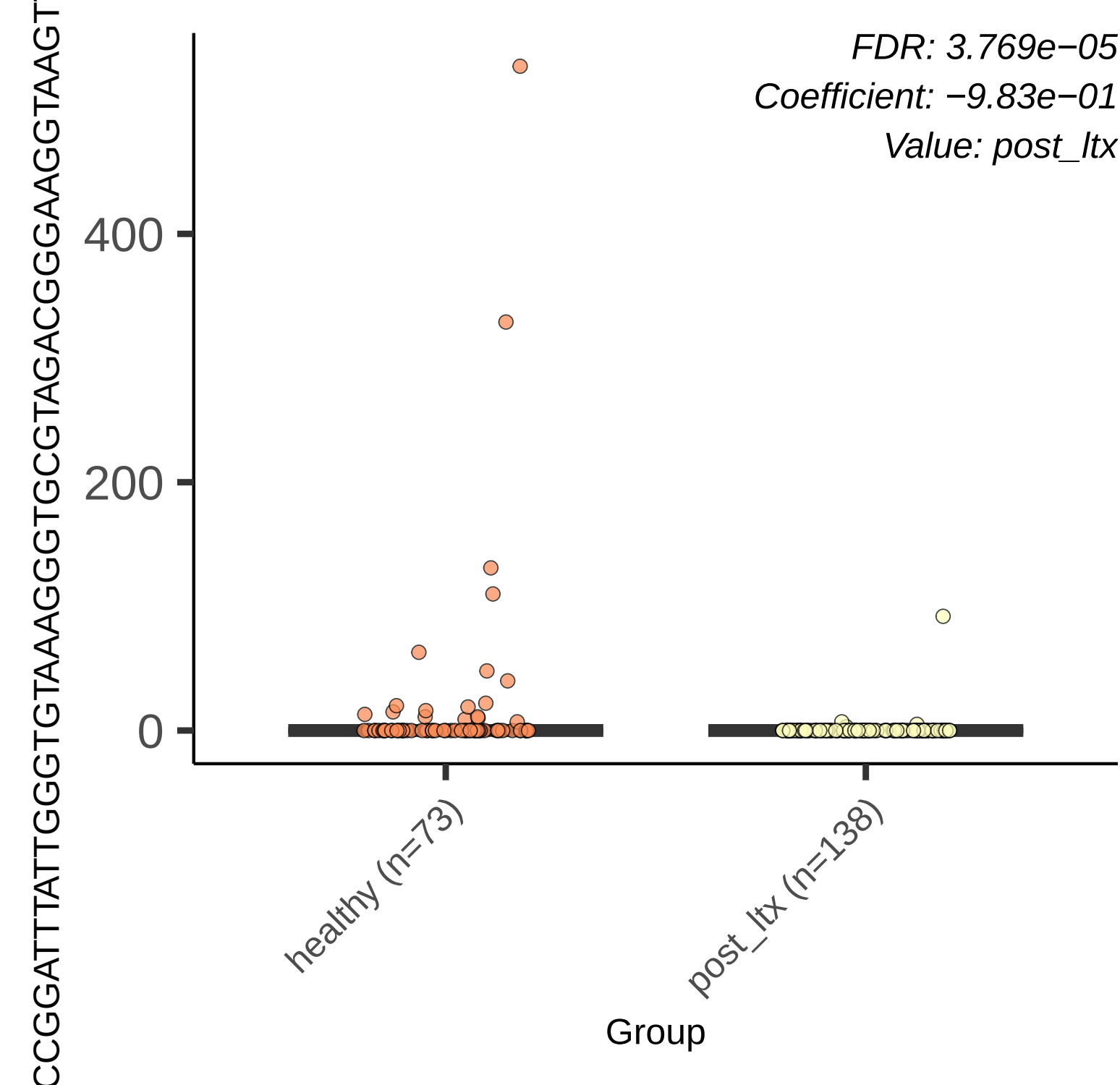

FDR: 1.393e−05
Coefficient: −8.24e−01
Value: post_ltx
125
100
75
50
25
0
healthy (n=73)
post_ltx (n=138)
Group
TTGTCCGGAATTATTGGGCGTAAAGAGTACGTAGGCGGTTTGCTA

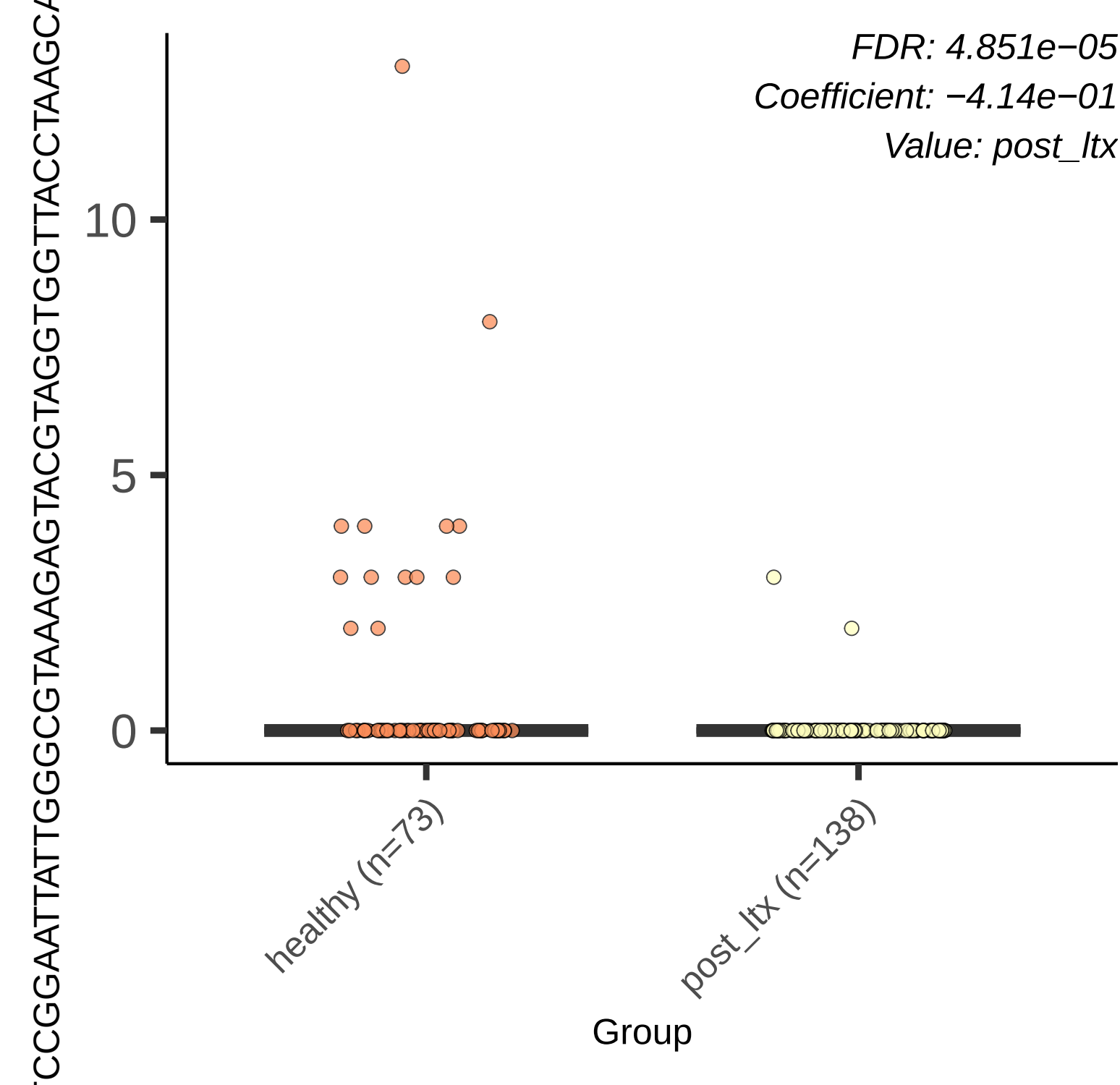

FDR: 1.617e−05
Coefficient: −1.50e+00
Value: post_ltx
800
600
400
200
0
healthy (n=73)
post_ltx (n=138)
Group
GTTCGGAATTACTGGGCGTAAAGGGTGTGTAGGCGGATTTGTAA

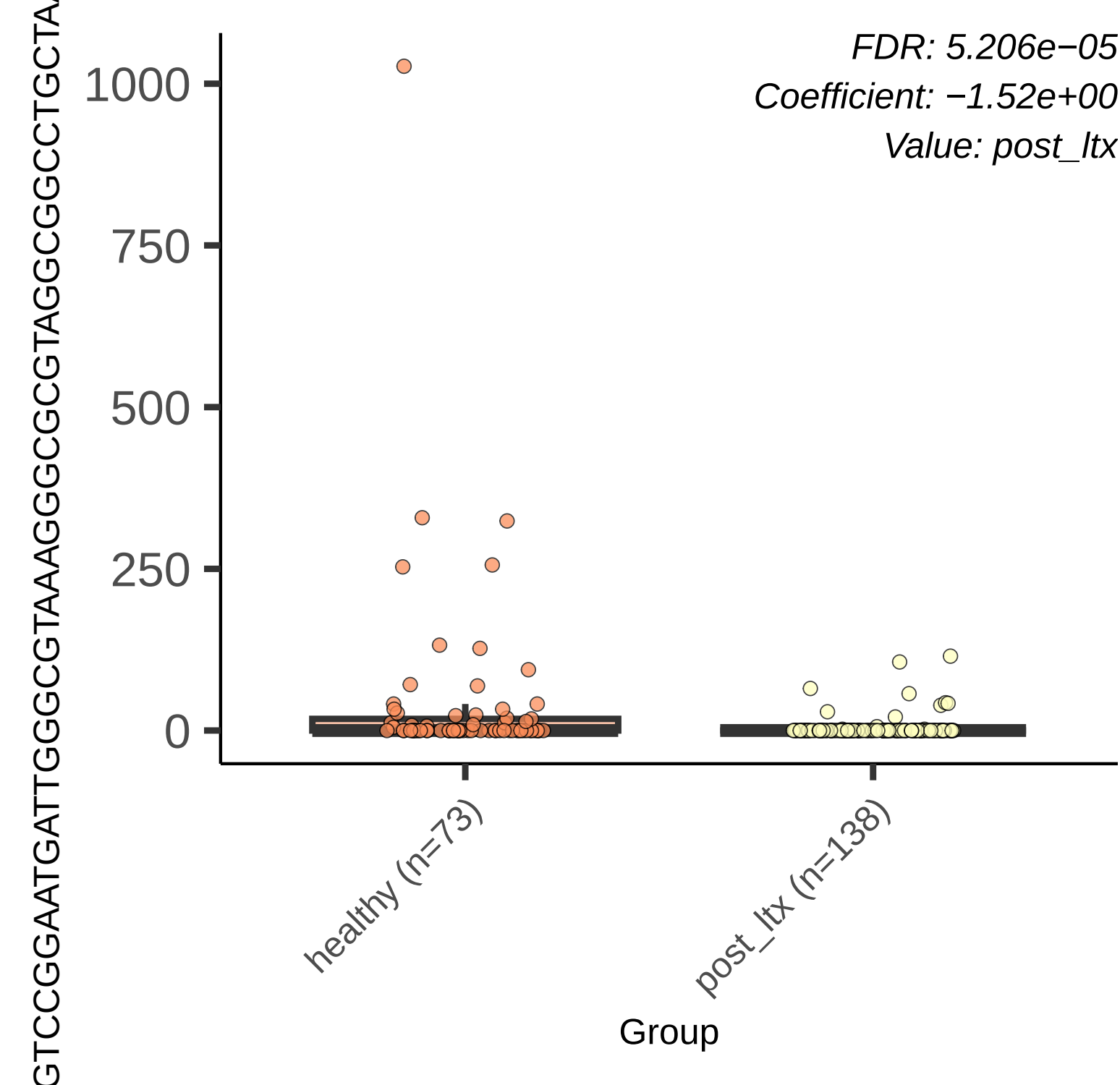

FDR: 1.662e−05
Coefficient: −1.14e+00
Value: post_ltx
300
200
100
0
healthy (n=73)
post_ltx (n=138)
Group
TGTCCGGAATTACTGGGCGTAAAGGGTGCGTAGGCGGTTTGGTA

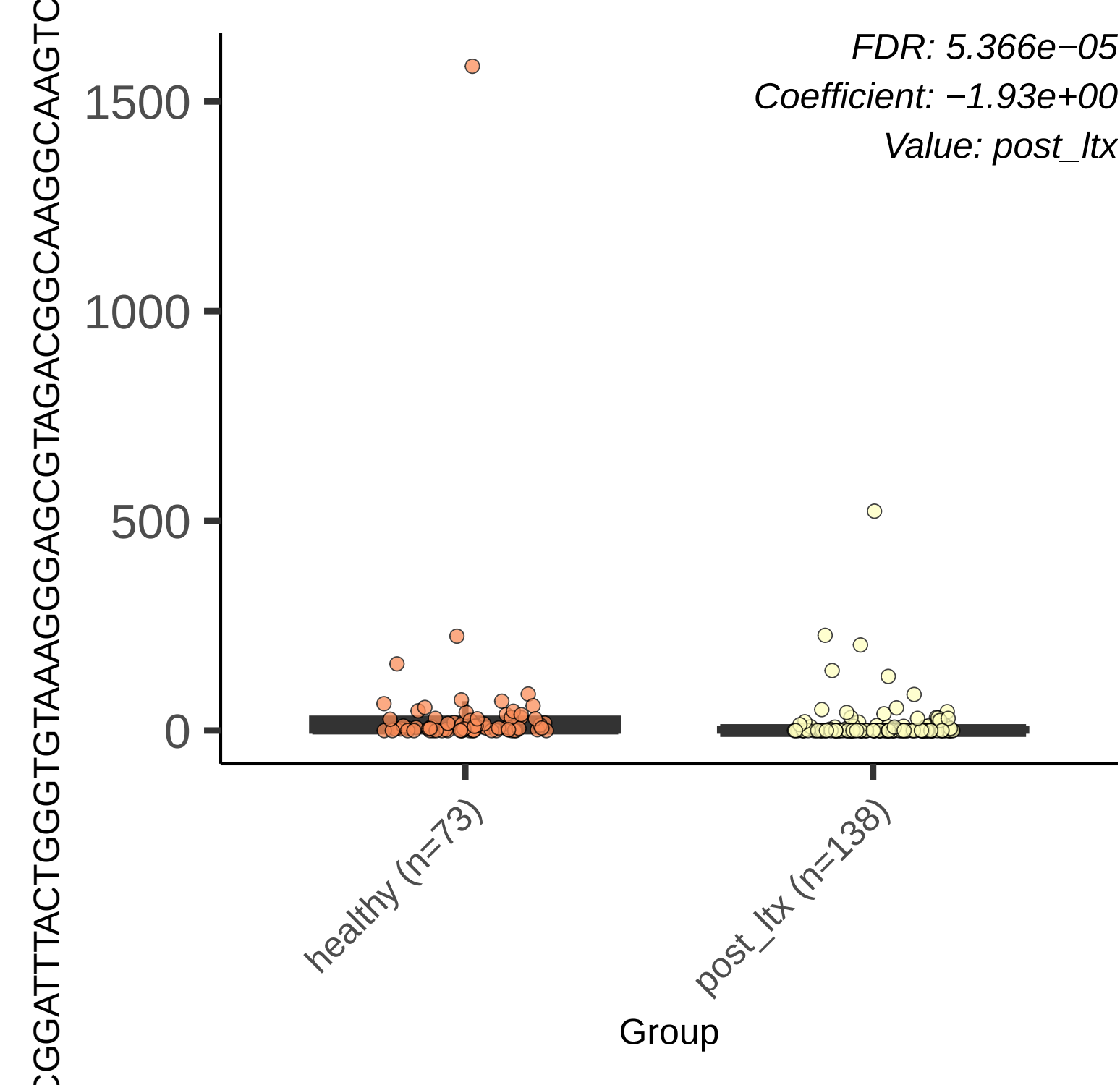

FDR: 1.800e−05
Coefficient: 2.32e+00
Value: post_ltx
4000
3000
2000
1000
0
healthy (n=73)
post_ltx (n=138)
Group
GGATTTACTGGGTGTAAAGGGAGCGTAGACGGCAGTGCAAGTCT

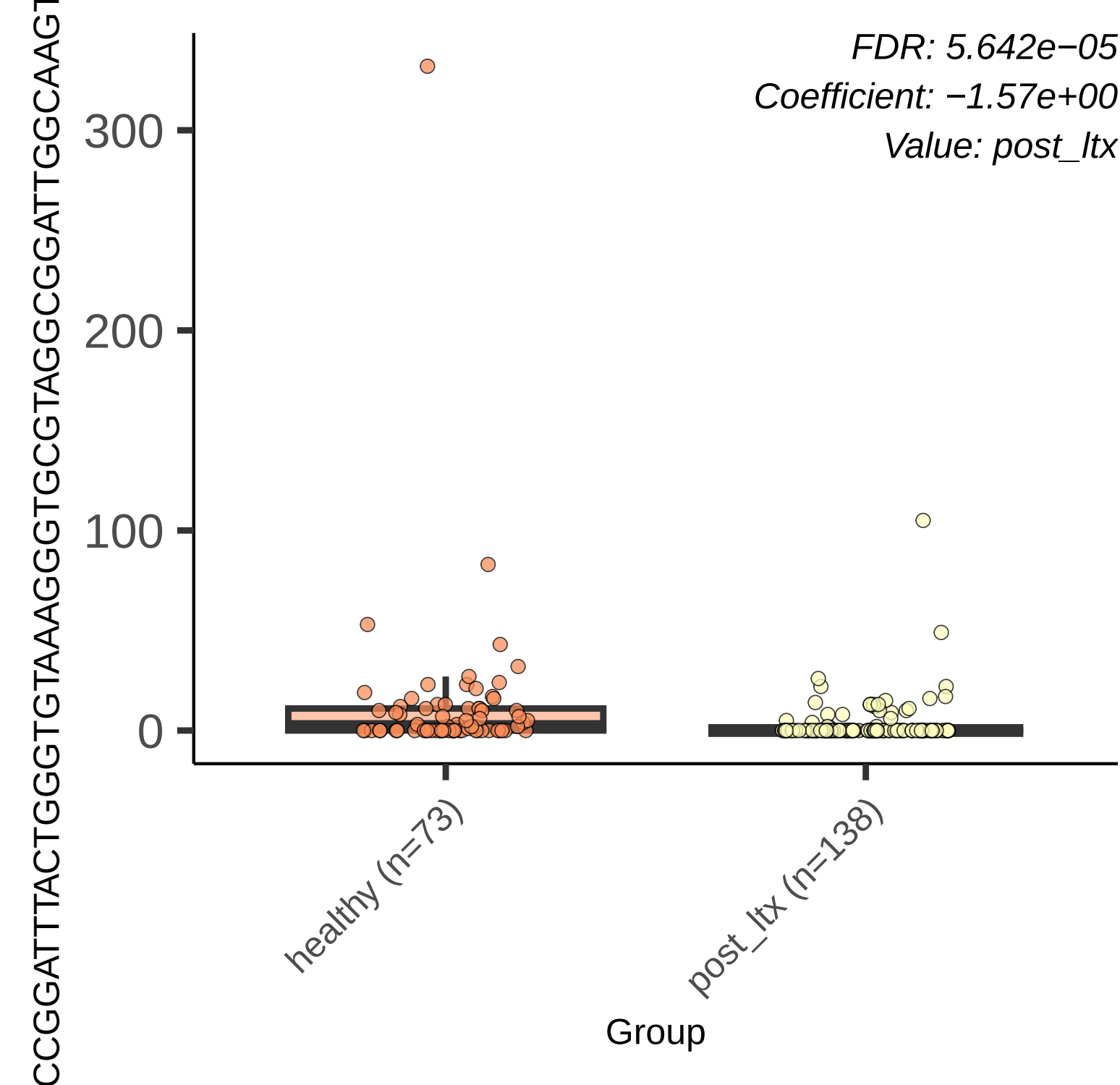

FDR: 3.487e−05
Coefficient: −8.47e−01
Value: post_ltx
40
30
20
10
0
healthy (n=73)
post_ltx (n=138)
Group
TCCGGAATTATTGGGTGTAAAGGGTGCGTAGACGGGAGAACAAG

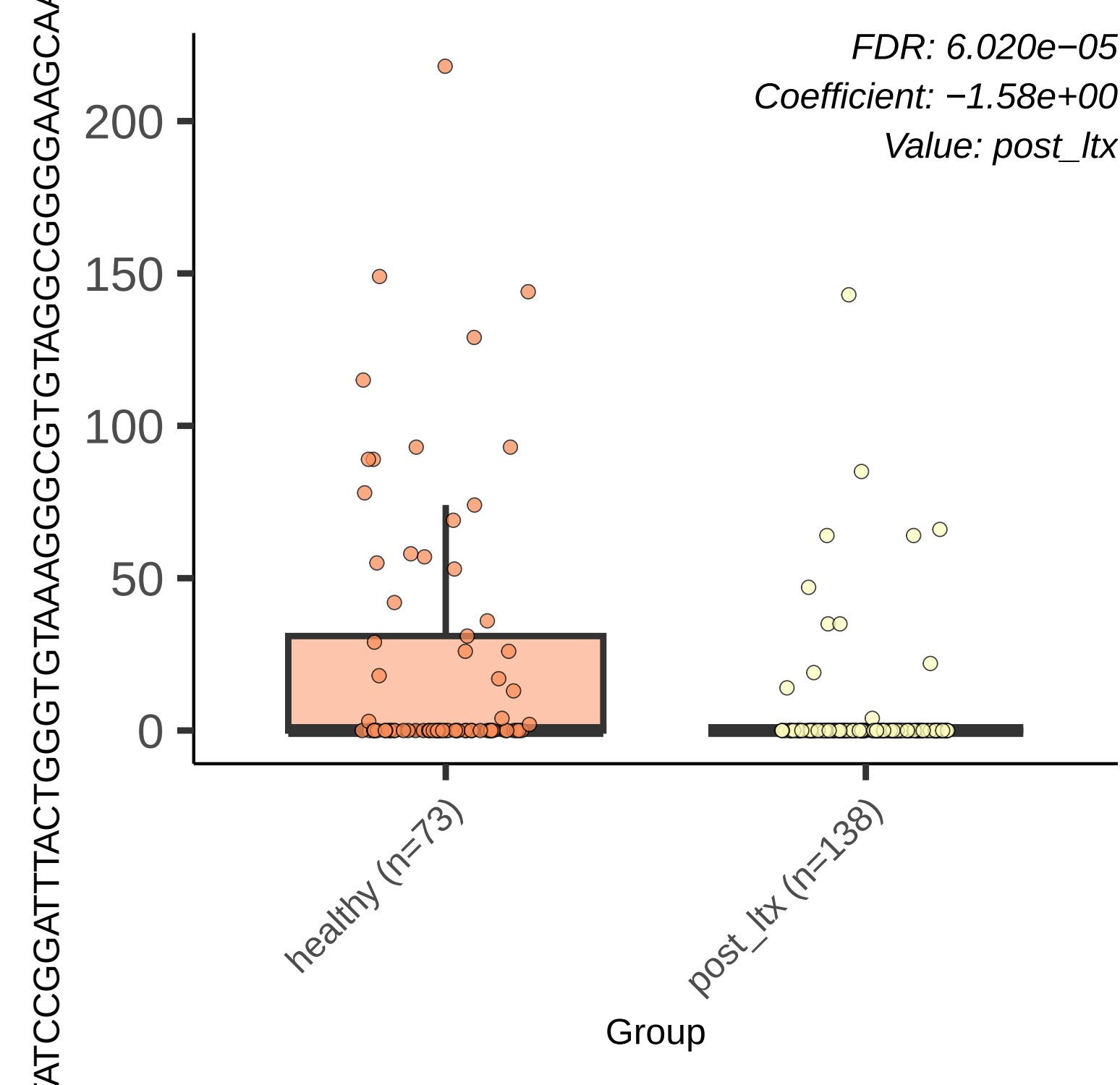

FDR: 3.769e−05
Coefficient: −9.83e−01
Value: post_ltx
400
200
0
healthy (n=73)
post_ltx (n=138)
Group
CCGGATTTATTGGGTGTAAAGGGTGCGTAGACGGGAAGGTAAGT

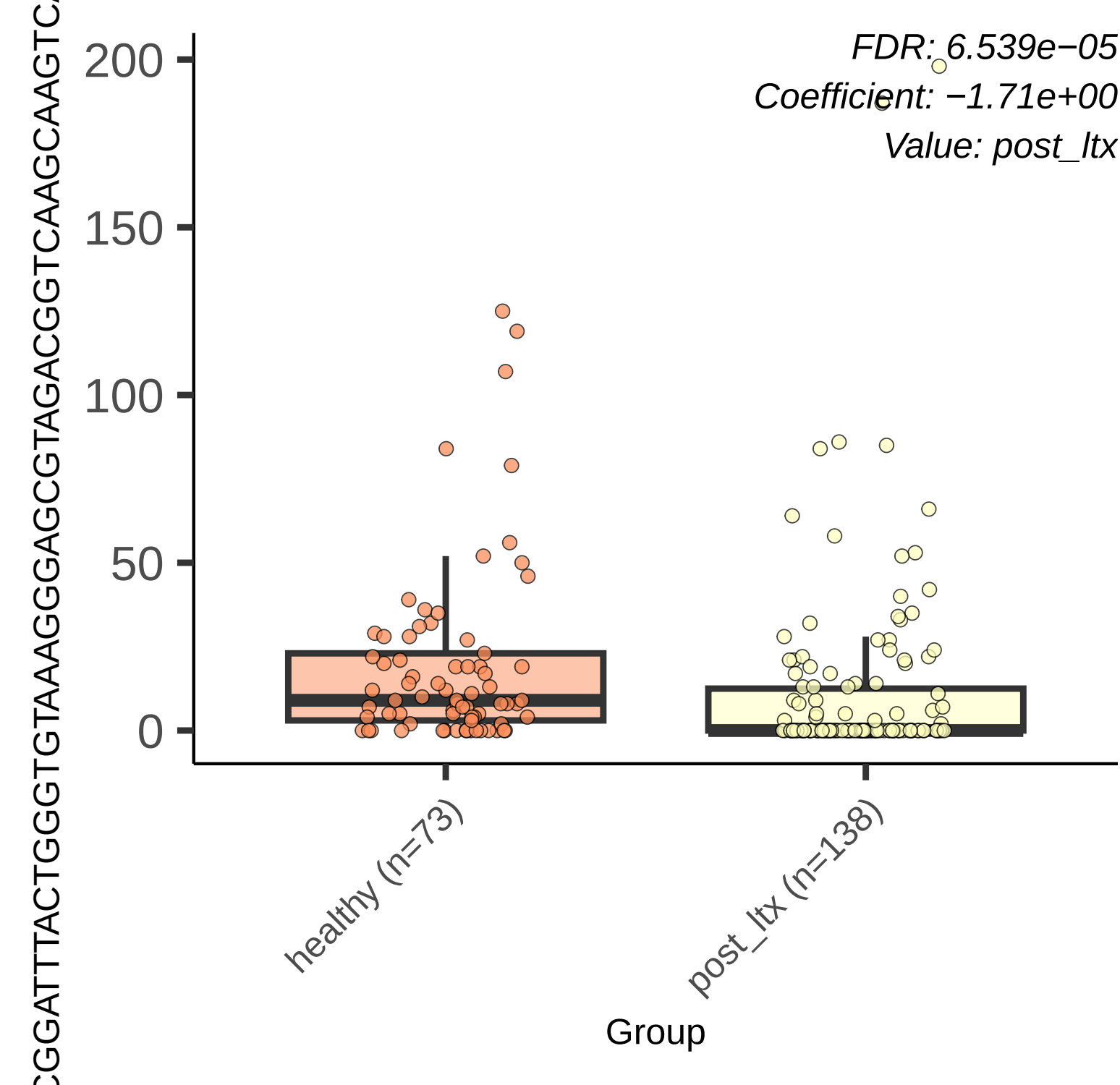

FDR: 4.851e−05
Coefficient: −4.14e−01
Value: post_ltx
10
5
0
healthy (n=73)
post_ltx (n=138)
Group
CCGGAATTATTGGGCGTAAAGAGTACGTAGGTGGTTACCTAAGCA

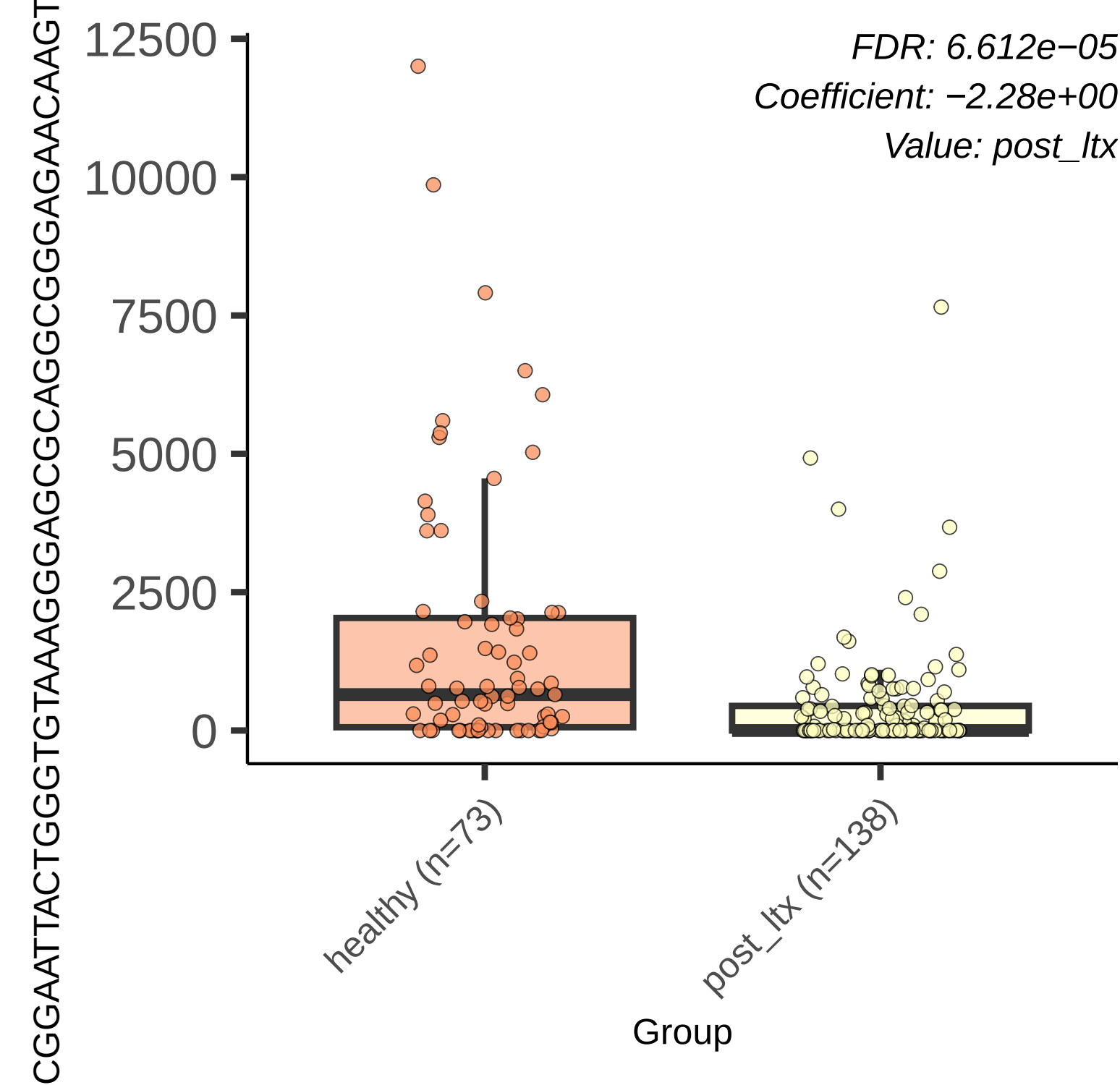

FDR: 5.206e−05
Coefficient: −1.52e+00
Value: post_ltx
1000
750
500
250
0
healthy (n=73)
post_ltx (n=138)
Group
GTCCGGAATGATTGGGCGTAAAGGGCGCGTAGGCGGCCTGCTA

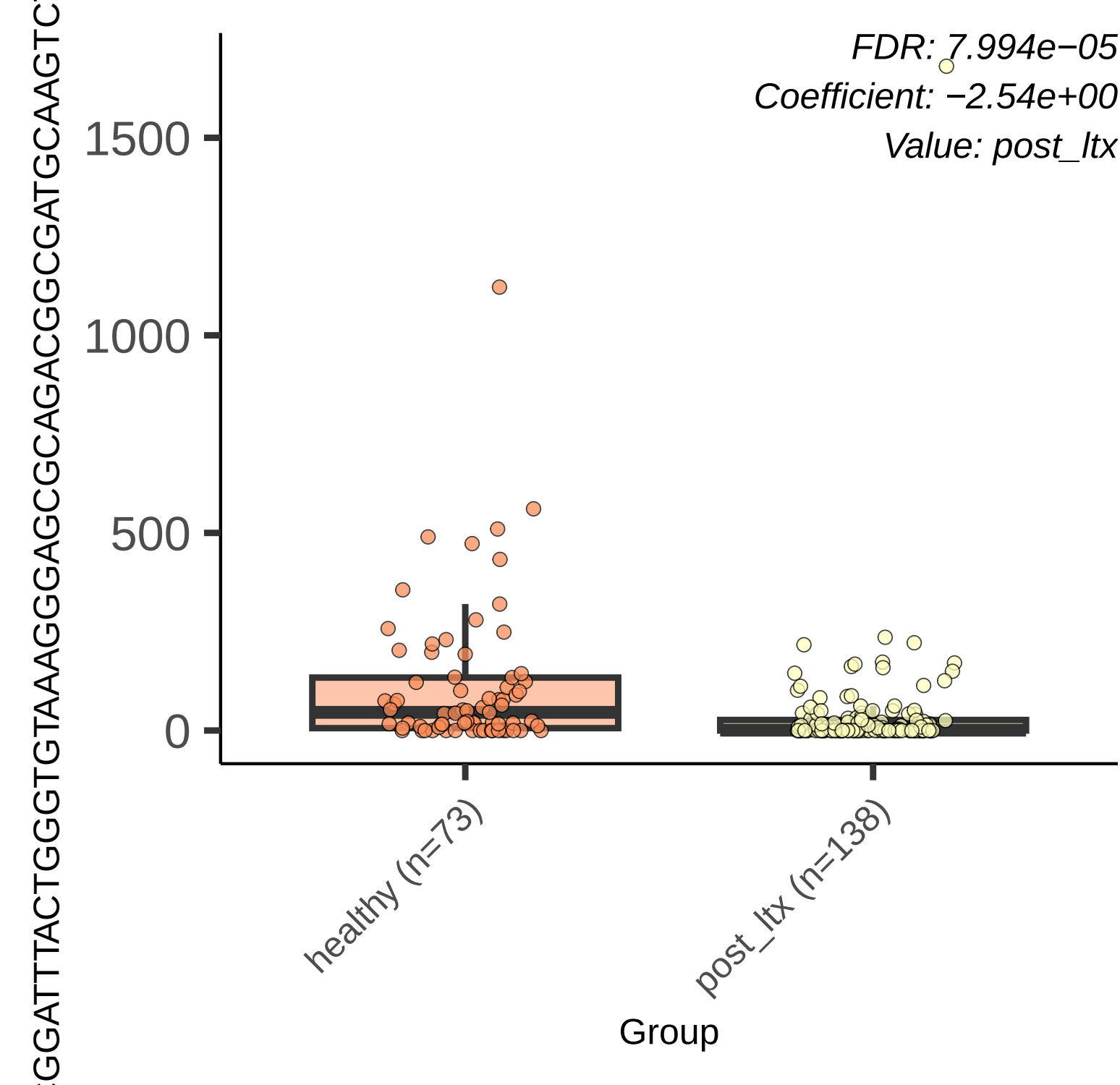

FDR: 5.366e−05
Coefficient: −1.93e+00
Value: post_ltx
1500
1000
500
0
healthy (n=73)
post_ltx (n=138)
Group
CGGATTTACTGGGTGTAAAGGGAGCGTAGACGGCAAGGCAAGTC

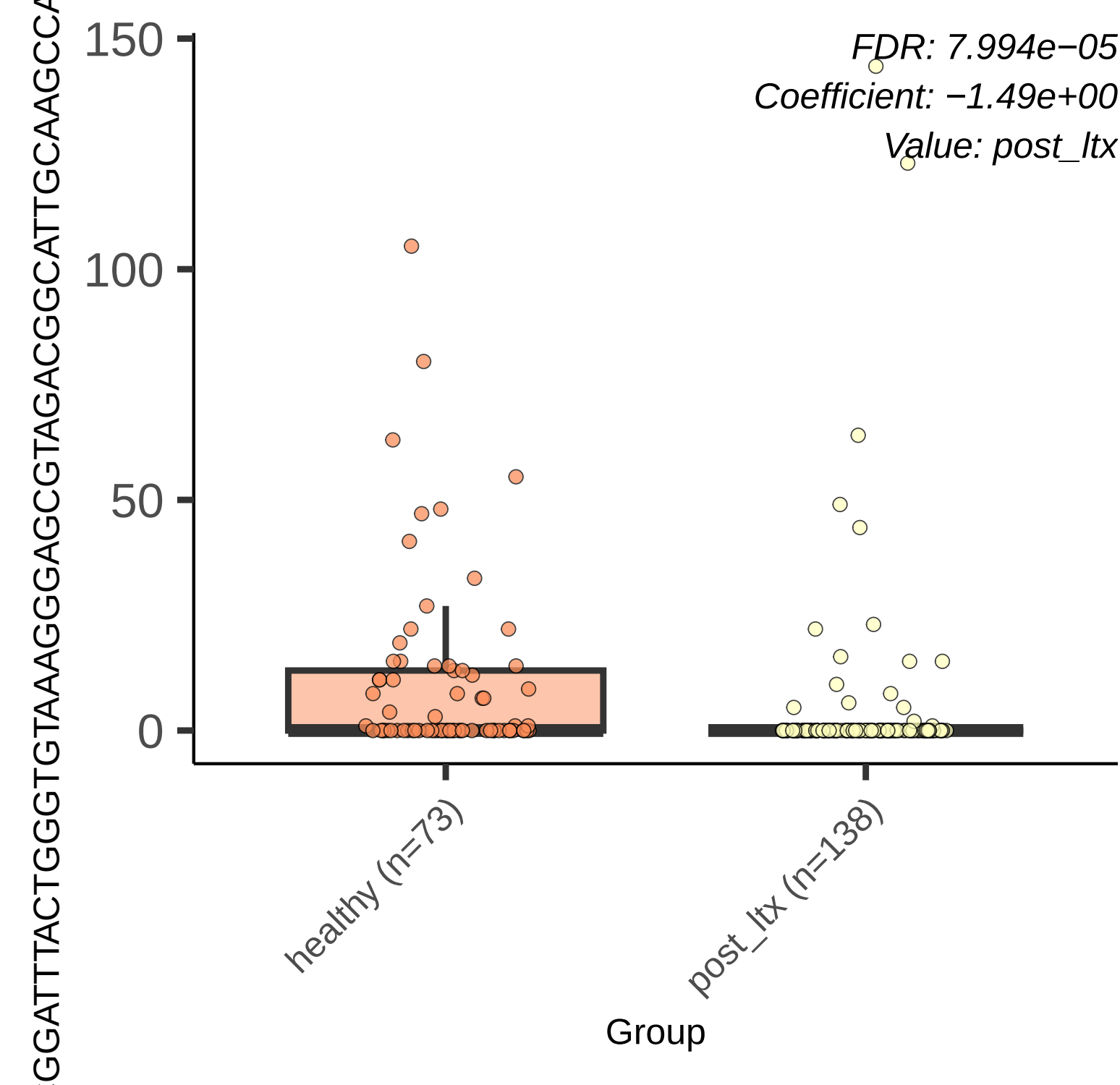

FDR: 5.642e−05
Coefficient: −1.57e+00
Value: post_ltx
300
200
100
0
healthy (n=73)
post_ltx (n=138)
Group
CCGGATTTACTGGGTGTAAAGGGTGCGTAGGCGGATTGGCAAGT

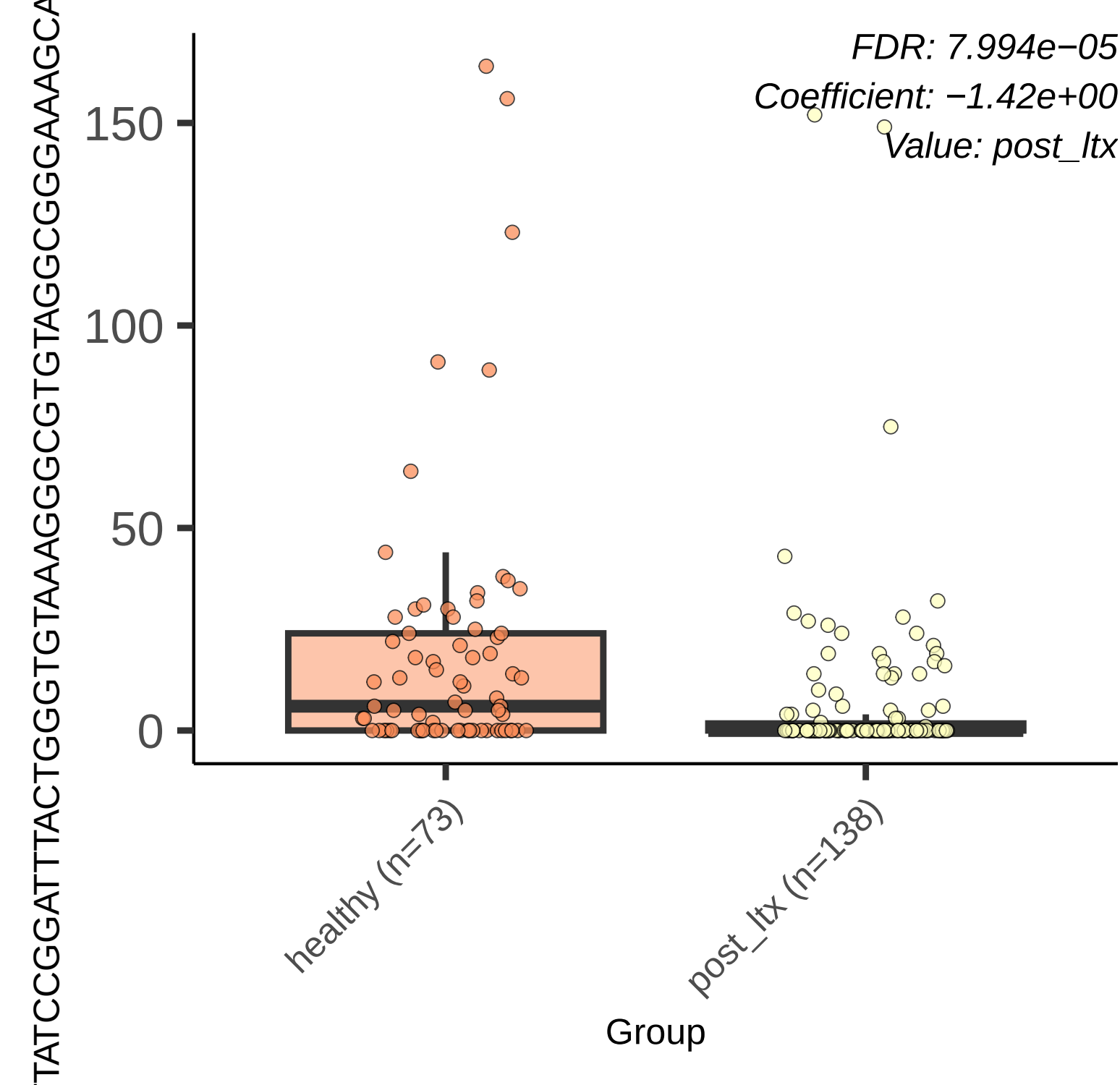

FDR: 6.020e−05
Coefficient: −1.58e+00
Value: post_ltx
200
150
100
50
0
healthy (n=73)
post_ltx (n=138)
Group
ATCCGGATTTACTGGGTGTAAAGGGCGTGTAGGCGGGGAAGCA

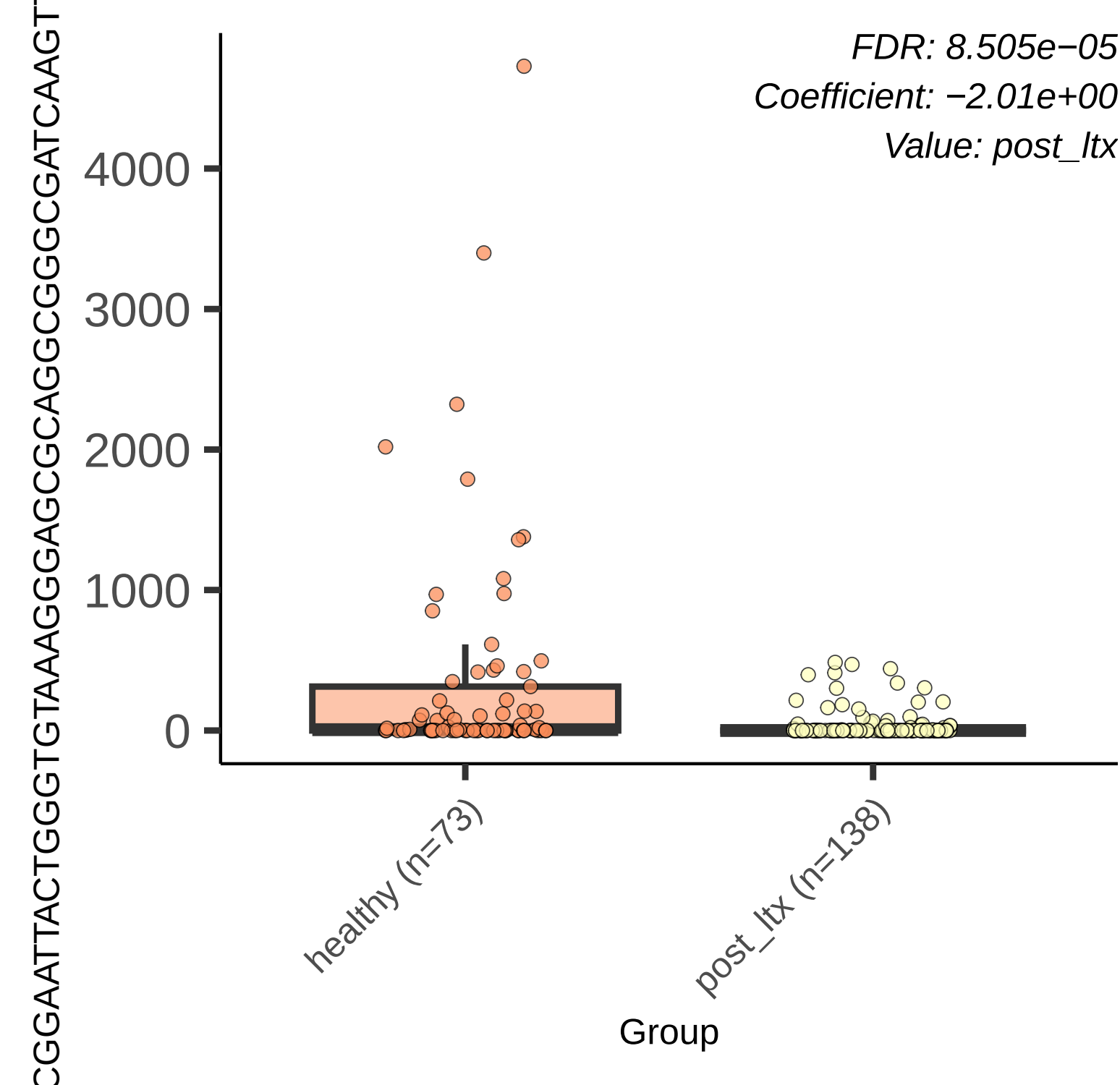

FDR: 6.539e−05
Coefficient: −1.71e+00
Value: post_ltx
200
150
100
50
0
healthy (n=73)
post_ltx (n=138)
Group
CGGATTTACTGGGTGTAAAGGGAGCGTAGACGGTCAAGCAAG

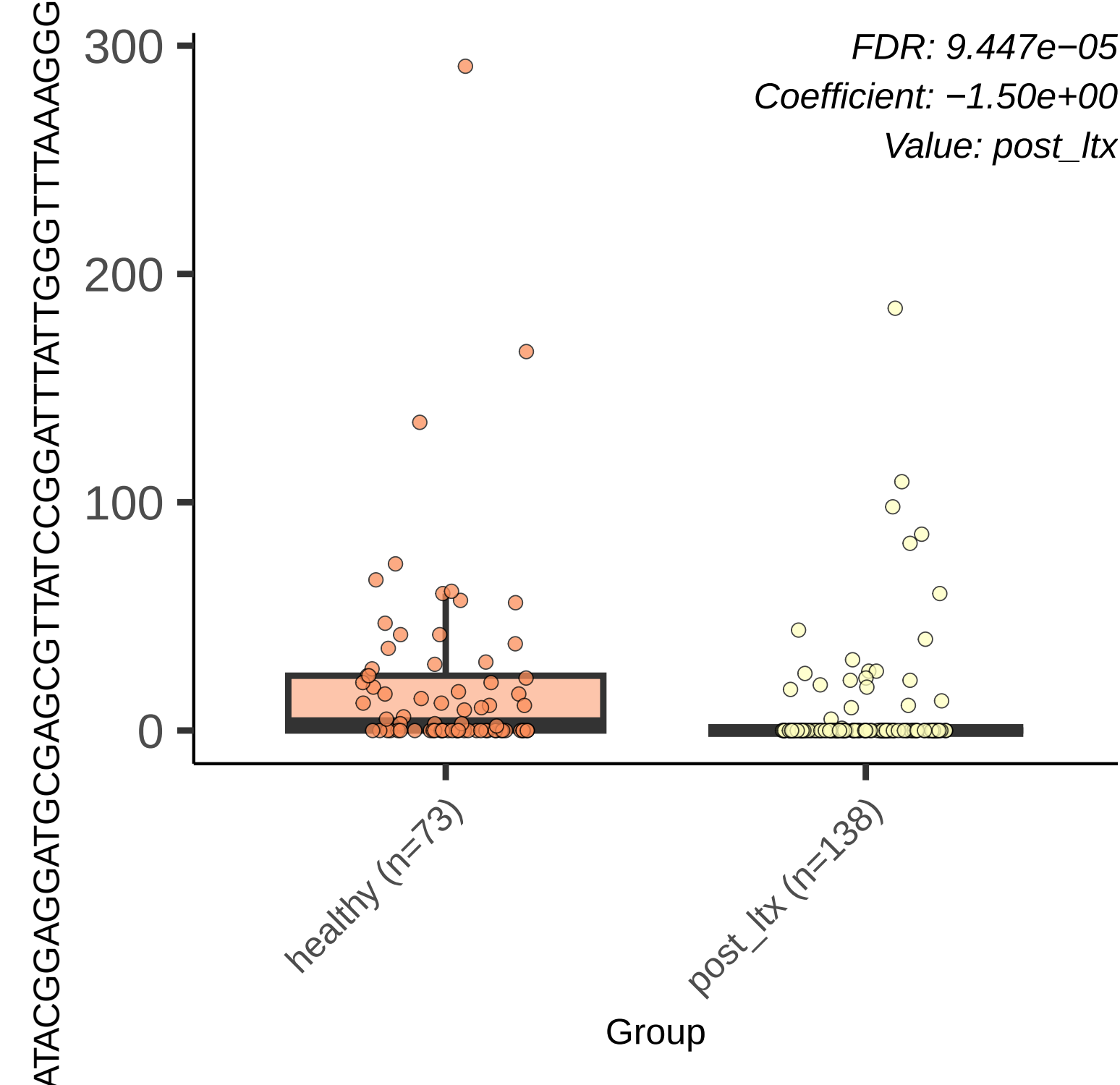

CGGAATTACTGGGTGTAAAGGGAGCGCAGGCGGGAGAACAAGT
12500
10000
7500
5000
2500
0
FDR: 6.612e−05
Coefficient: −2.28e+00
Value: post_ltx
healthy (n=73)
post_ltx (n=138)
Group

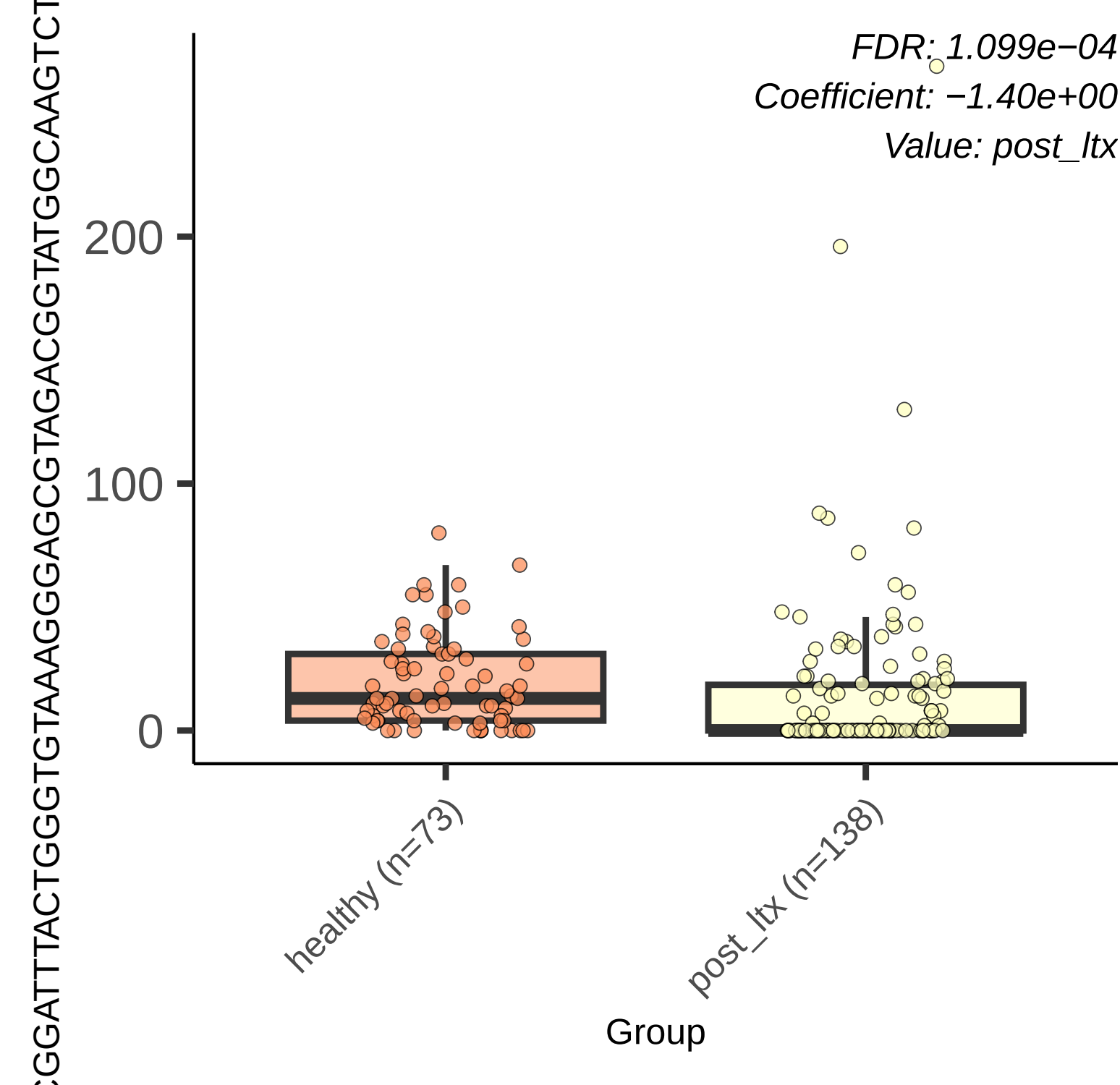

FDR: 7.994e−05
Coefficient: −2.54e+00
Value: post_ltx
1500
1000
500
0
healthy (n=73)
post_ltx (n=138)
Group
GGATTTACTGGGTGTAAAGGGAGCGCAGACGGCGATGCAAGTC


GGATTTACTGGGTGTAAAGGGAGCGTAGACGGCATTGCAAGCCA
150
100
50
0
FDR: 7.994e−05
Coefficient: −1.49e+00
Value: post_ltx
healthy (n=73)
post_ltx (n=138)
Group


FDR: 7.994e−05
Coefficient: −1.42e+00
Value: post_ltx
150
100
50
0
healthy (n=73)
post_ltx (n=138)
Group
TATCCGGATTTACTGGGTGTAAAGGGCGTGTAGGCGGGAAAGCA


FDR: 8.505e−05
Coefficient: −2.01e+00
Value: post_ltx
4000
3000
2000
1000
0
healthy (n=73)
post_ltx (n=138)
Group
CGGAATTACTGGGTGTAAAGGGAGCGCAGGCGGGCGATCAAGT


ATACGGAGGATGCGAGCGTTATCCGGATTTATTGGGTTTAAAGGG
300
200
100
0
FDR: 9.447e−05
Coefficient: −1.50e+00
Value: post_ltx
healthy (n=73)
post_ltx (n=138)
Group


FDR: 1.099e−04
Coefficient: −1.40e+00
Value: post_ltx
200
100
0
healthy (n=73)
post_ltx (n=138)
Group
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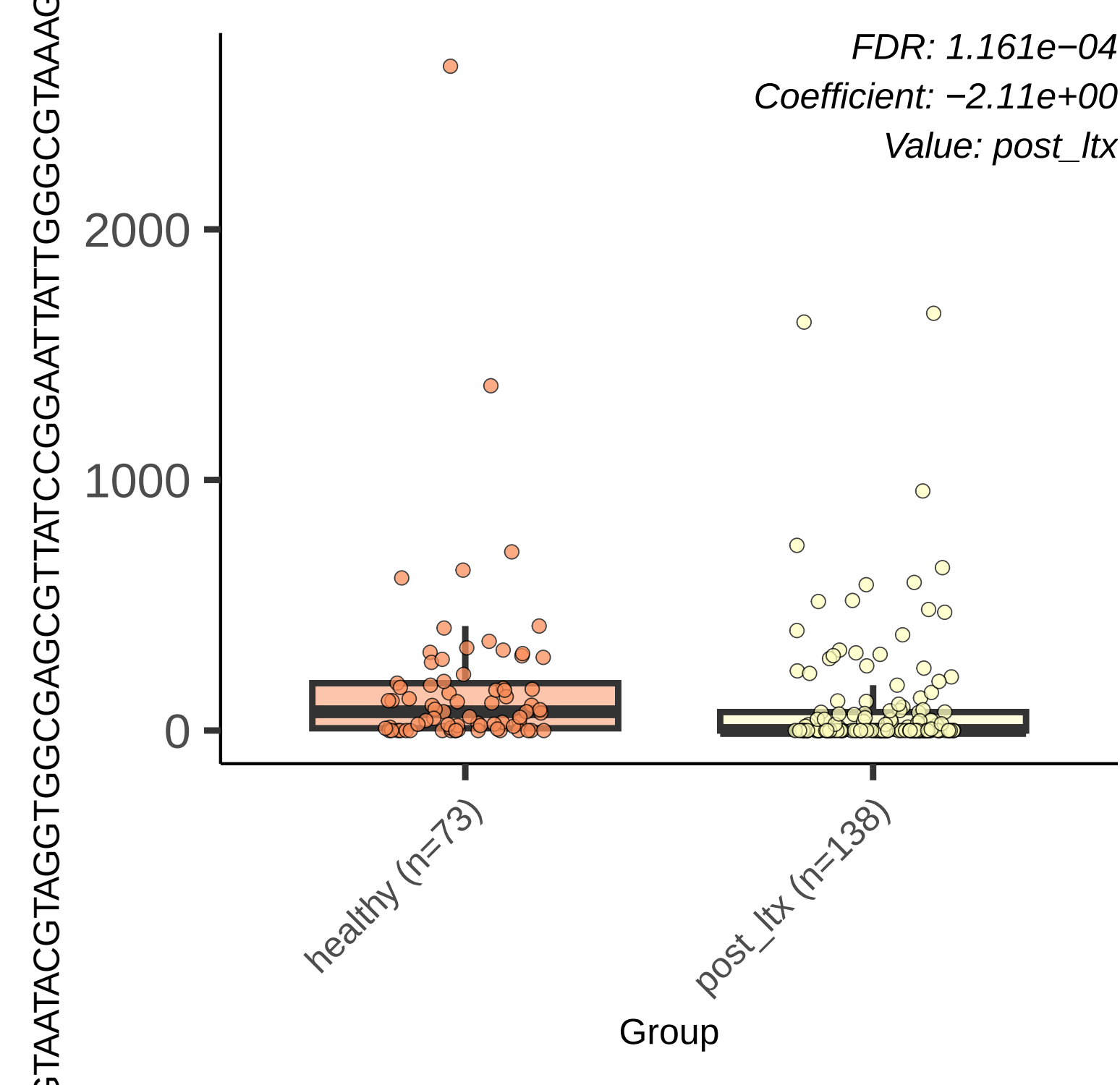
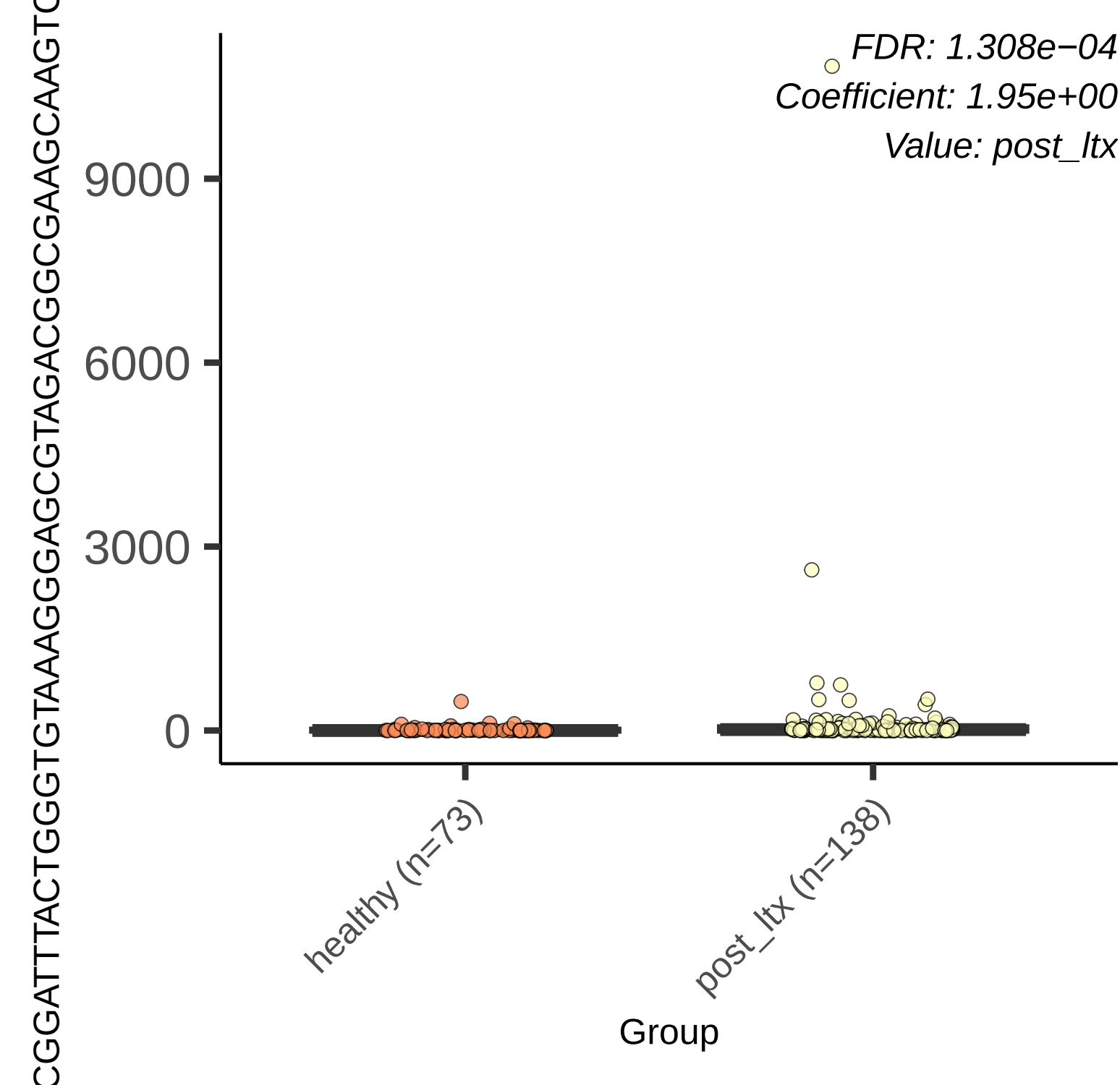
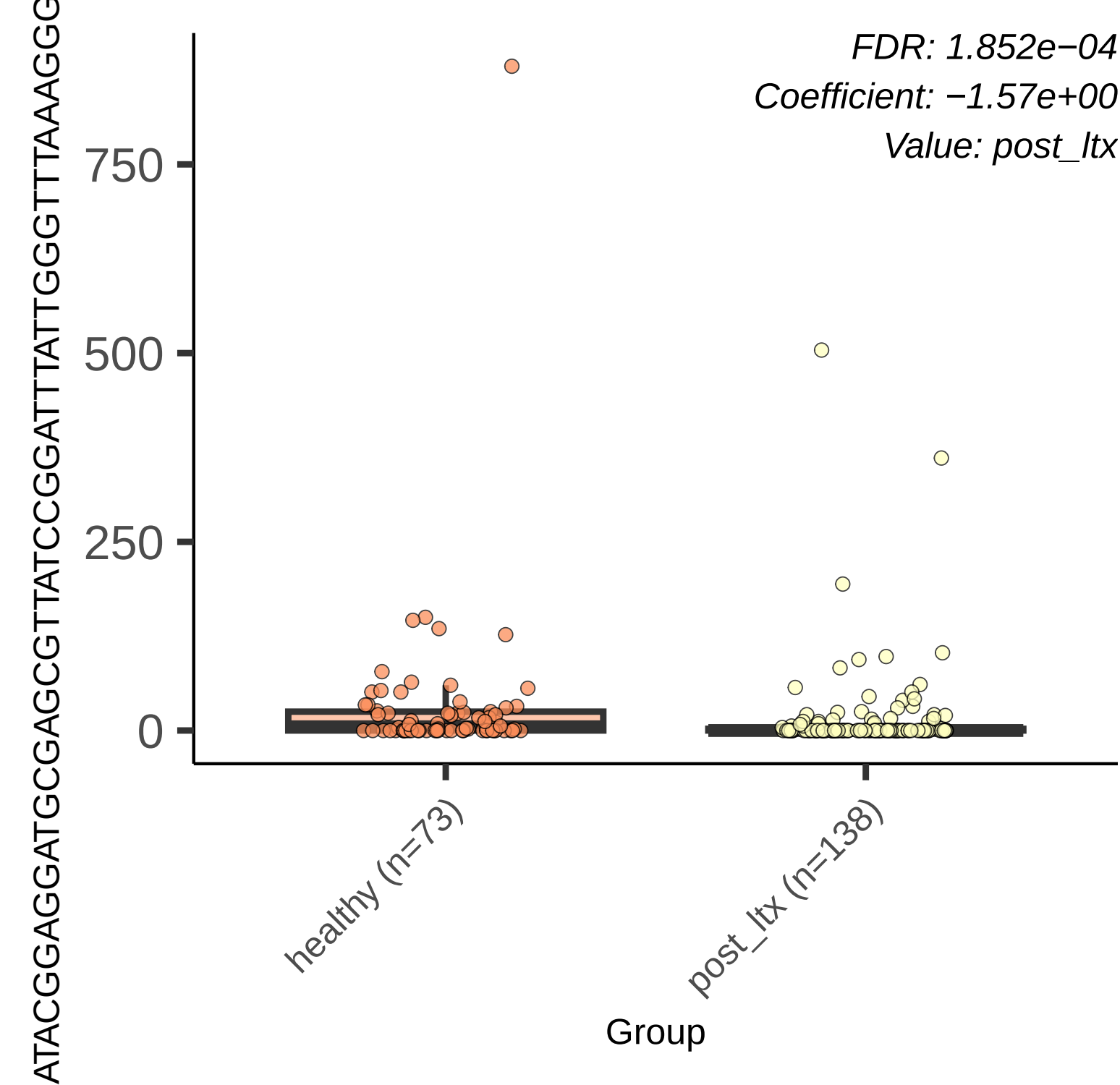
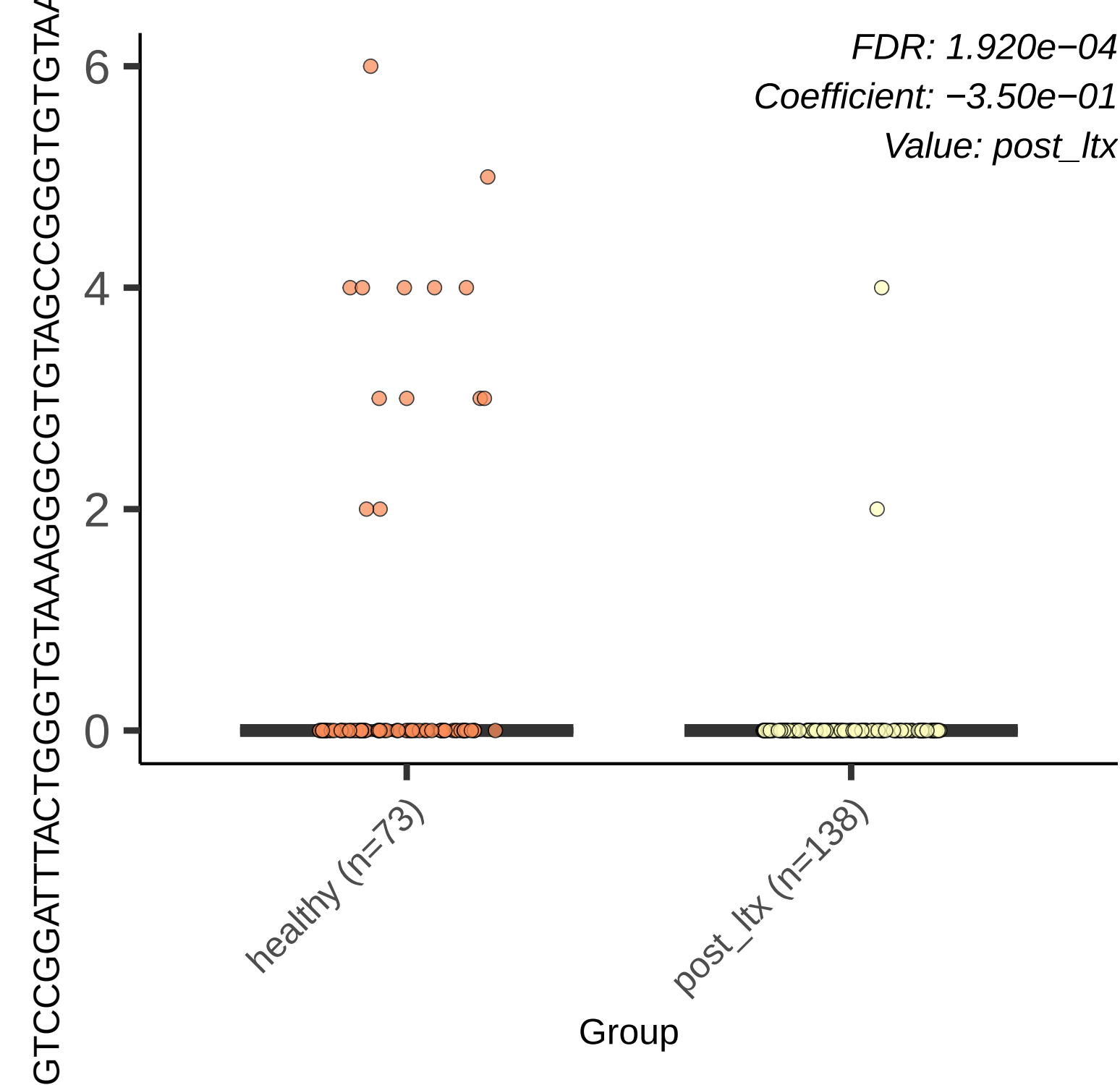
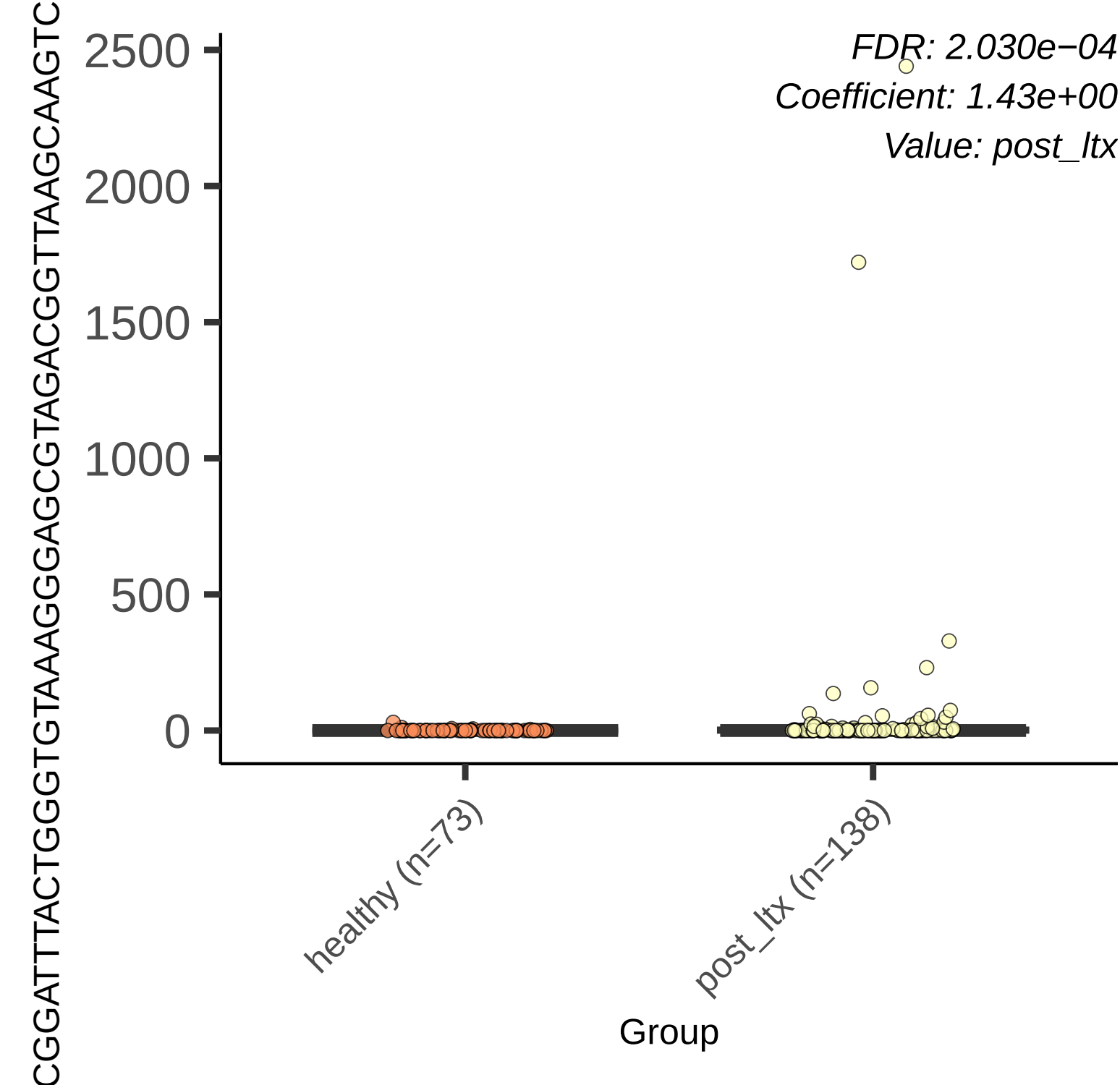
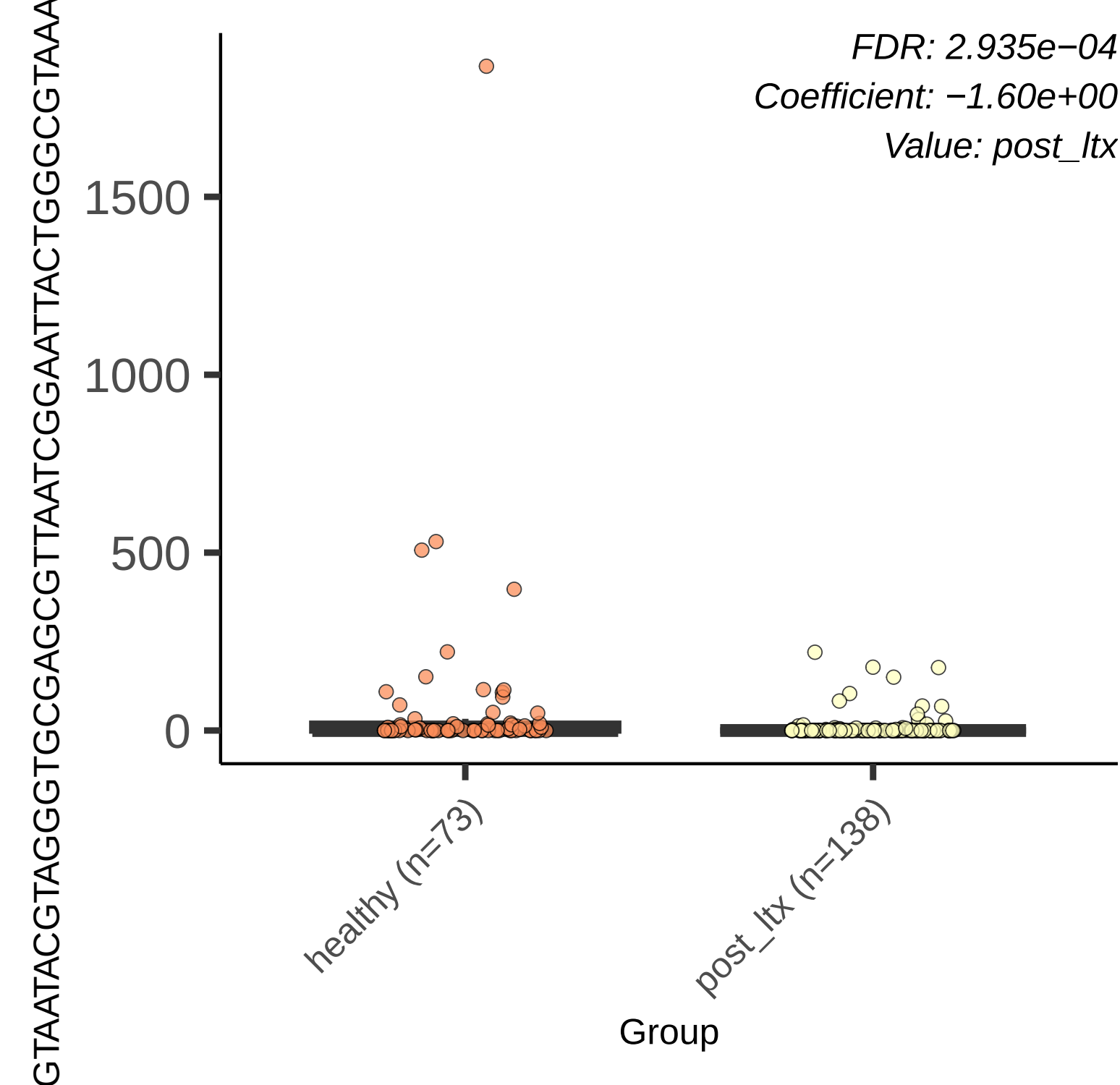

FDR: 1.161e−04
Coefficient: −2.11e+00
Value: post_ltx
2000
1000
0
healthy (n=73)
post_ltx (n=138)
Group
GTAATACGTAGGTGGCGAGCGTTATCCGGAATTATTGGGCGTAAAG

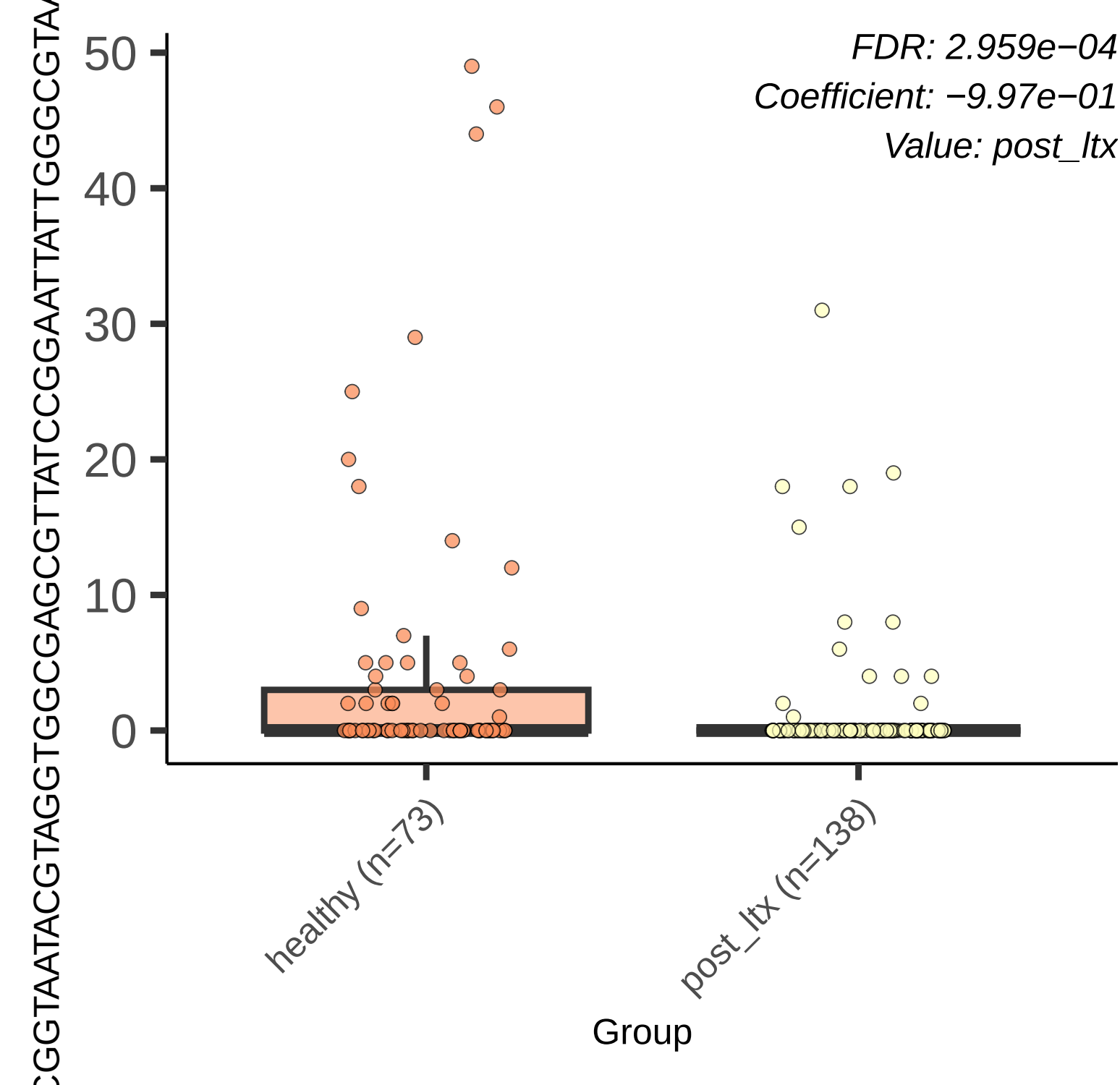

FDR: 1.308e−04
Coefficient: 1.95e+00
Value: post_ltx
9000
6000
3000
0
healthy (n=73)
post_ltx (n=138)
Group
CGGATTTACTGGGTGTAAAGGGAGCGTAGACGGCGAAGCAAGT


FDR: 1.852e−04
Coefficient: −1.57e+00
Value: post_ltx
750
500
250
0
healthy (n=73)
post_ltx (n=138)
Group
ATACGGAGGATGCGAGCGTTATCCGGATTTATTGGGTTTAAAGGG


FDR: 1.920e−04
Coefficient: −3.50e−01
Value: post_ltx
6
4
2
0
healthy (n=73)
post_ltx (n=138)
Group
GTCCGGATTTACTGGGTGTAAAGGGCGTGTAGCCGGGTGTAA


FDR: 2.030e−04
Coefficient: 1.43e+00
Value: post_ltx
2500
2000
1500
1000
500
0
healthy (n=73)
post_ltx (n=138)
Group
CGGATTTACTGGGTGTAAAGGGAGCGTAGACGGTTAAGCAAGTC


FDR: 2.935e−04
Coefficient: −1.60e+00
Value: post_ltx
1500
1000
500
0
healthy (n=73)
post_ltx (n=138)
Group
GTAATACGTAGGGTGCGAGCGTTAATCGGAATTACTGGGCGTAAA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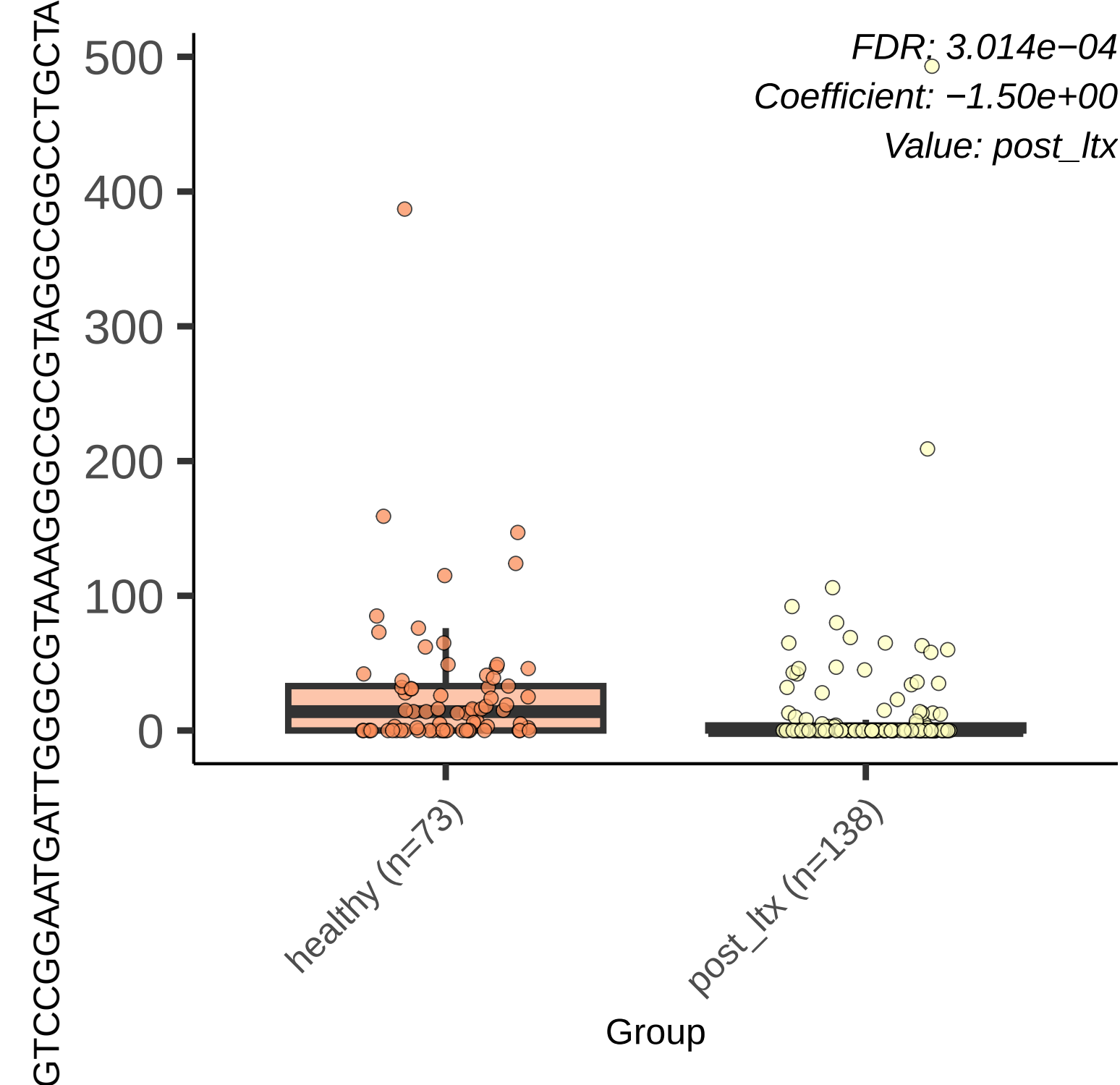
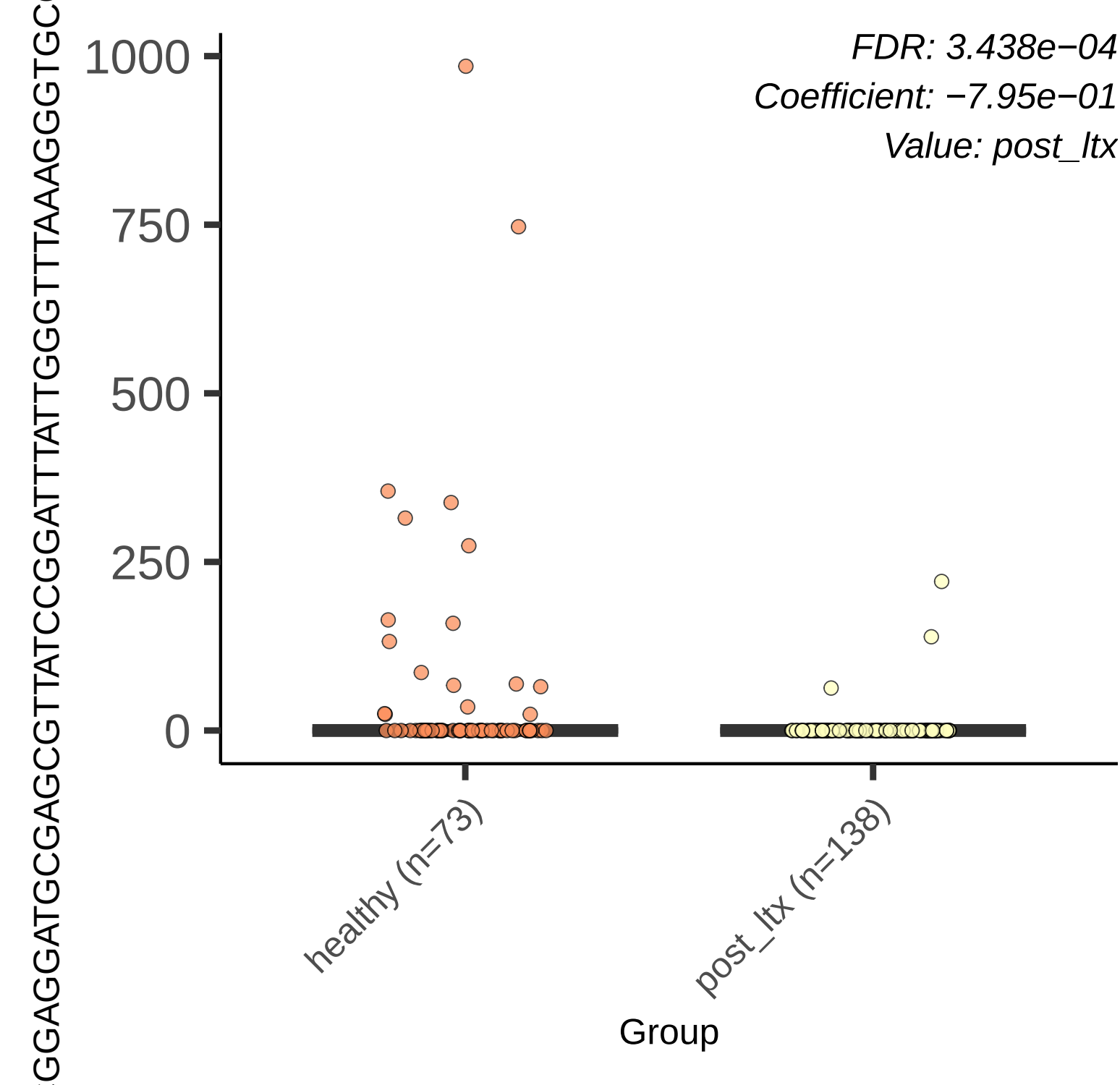
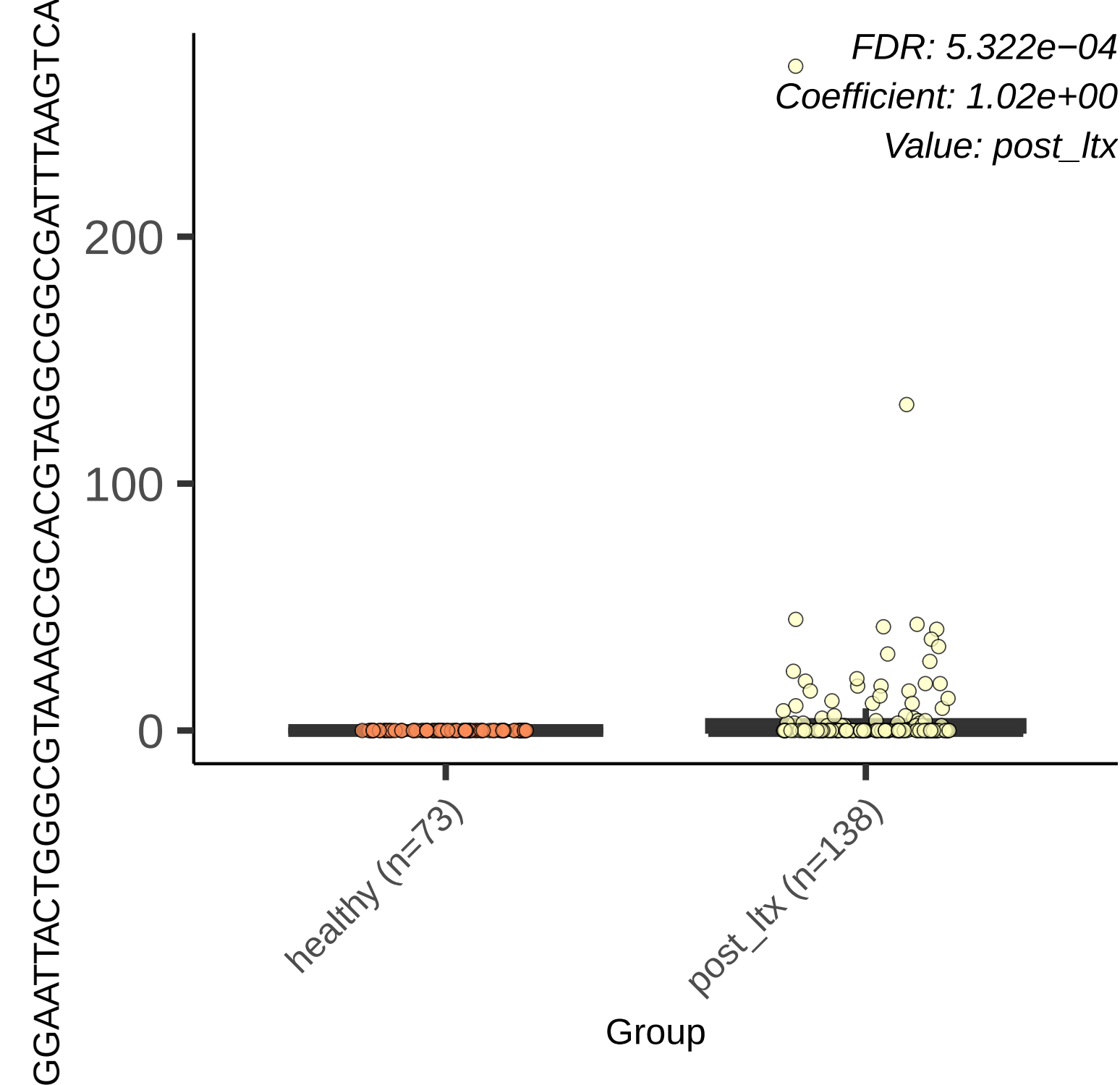
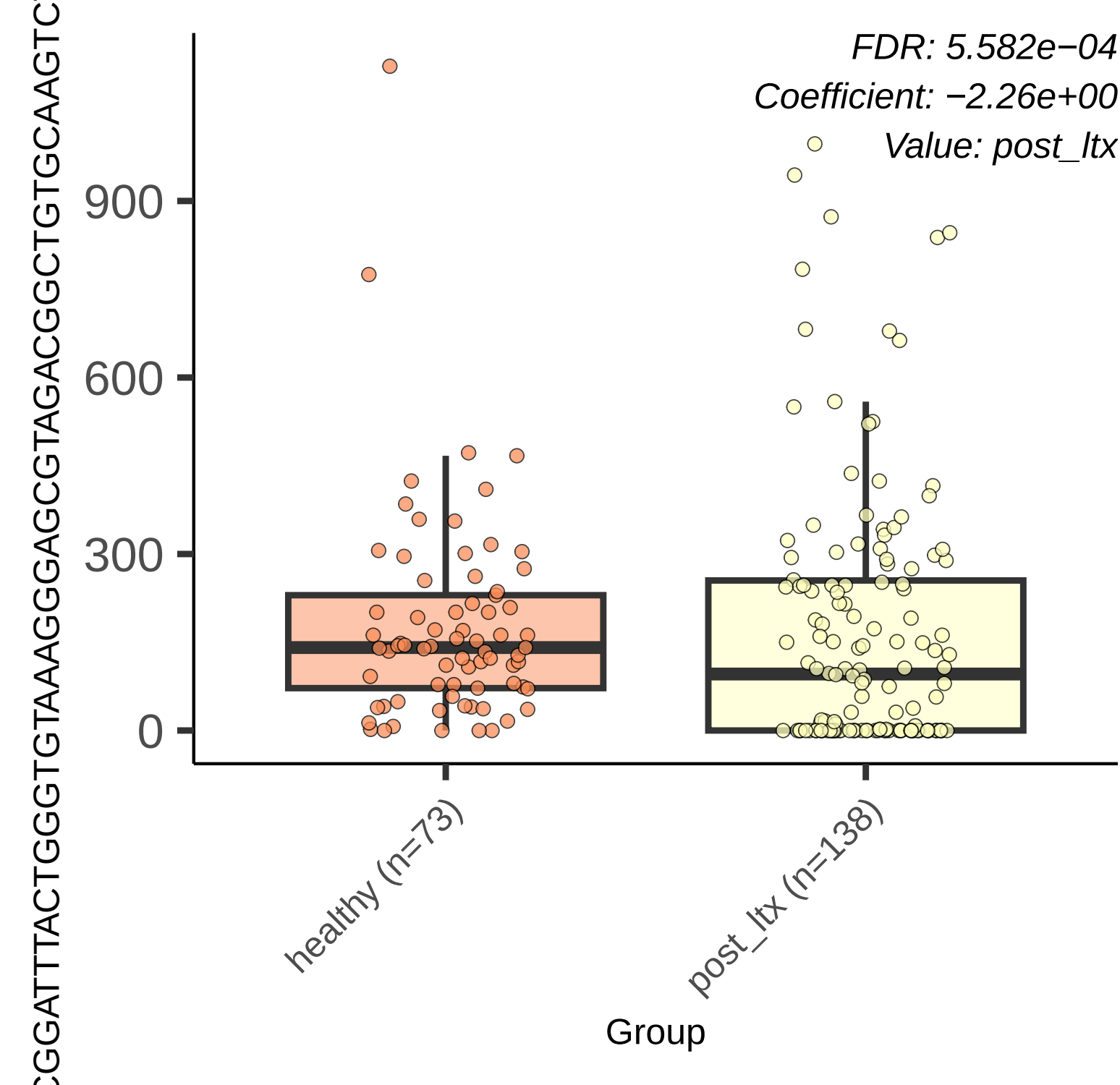
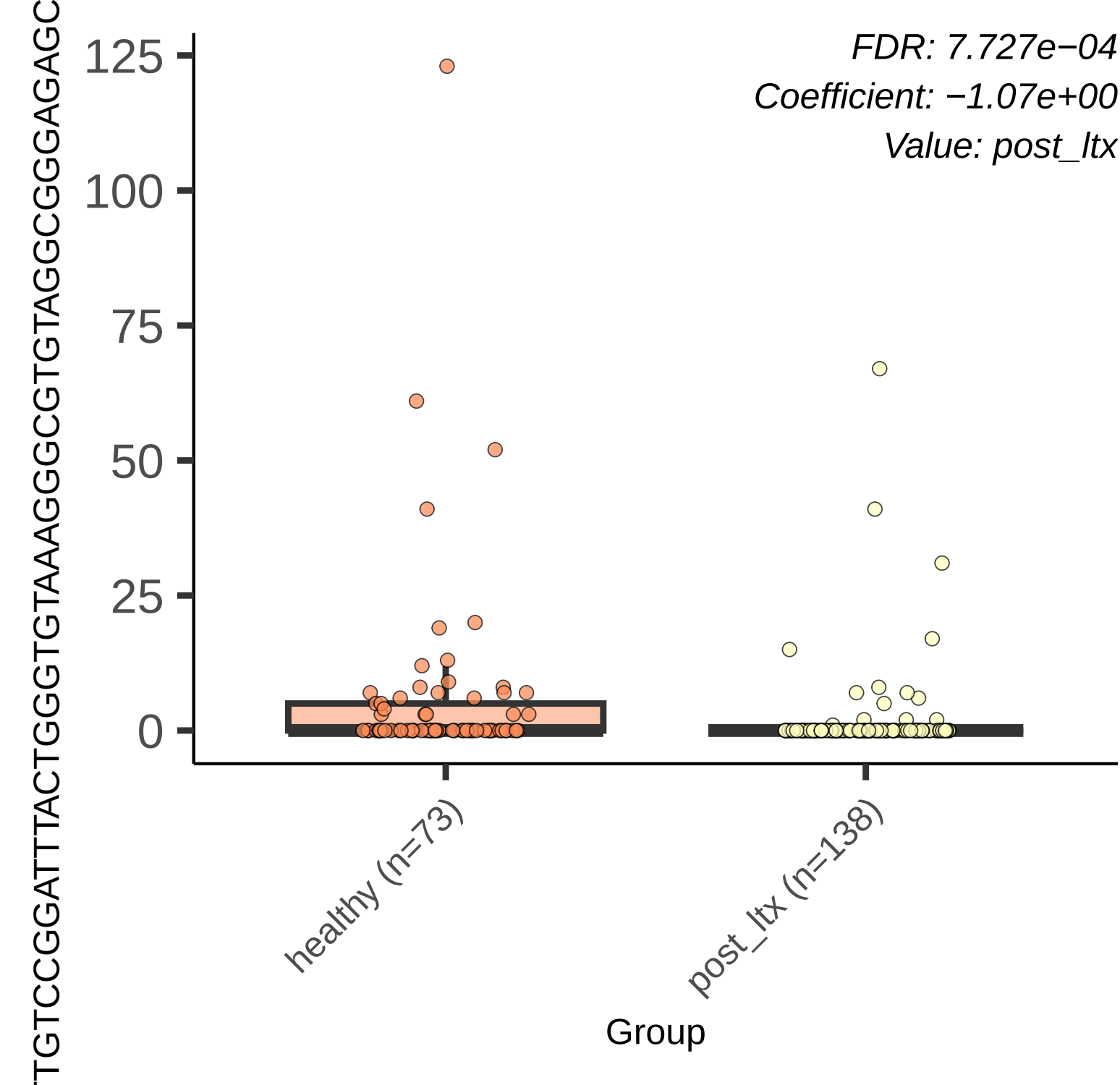
Coefficient: −9.97e−01
Value: post_ltx
50
40
30
20
10
0
healthy (n=73)
post_ltx (n=138)
Group
CGGTAATACGTAGGTGGCGAGCGTTATCCGGAATTATTGGGCGTA

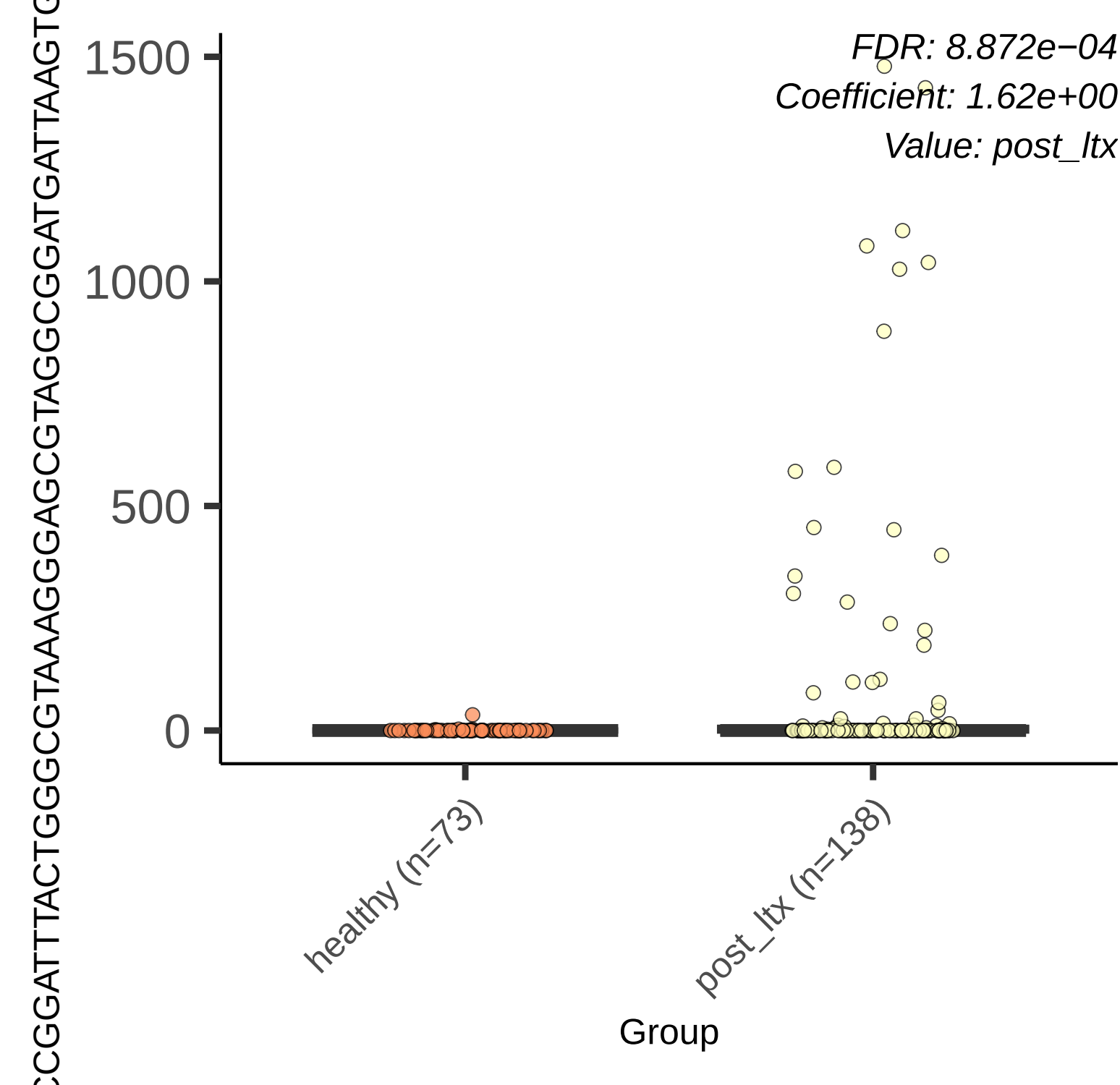

GTCCGGAATGATTGGGCGTAAAGGGCGCGTAGGCGGCCTGCTA
500
400
300
200
100
0
FDR: 3.014e−04
Coefficient: −1.50e+00
Value: post_ltx
healthy (n=73)
post_ltx (n=138)
Group

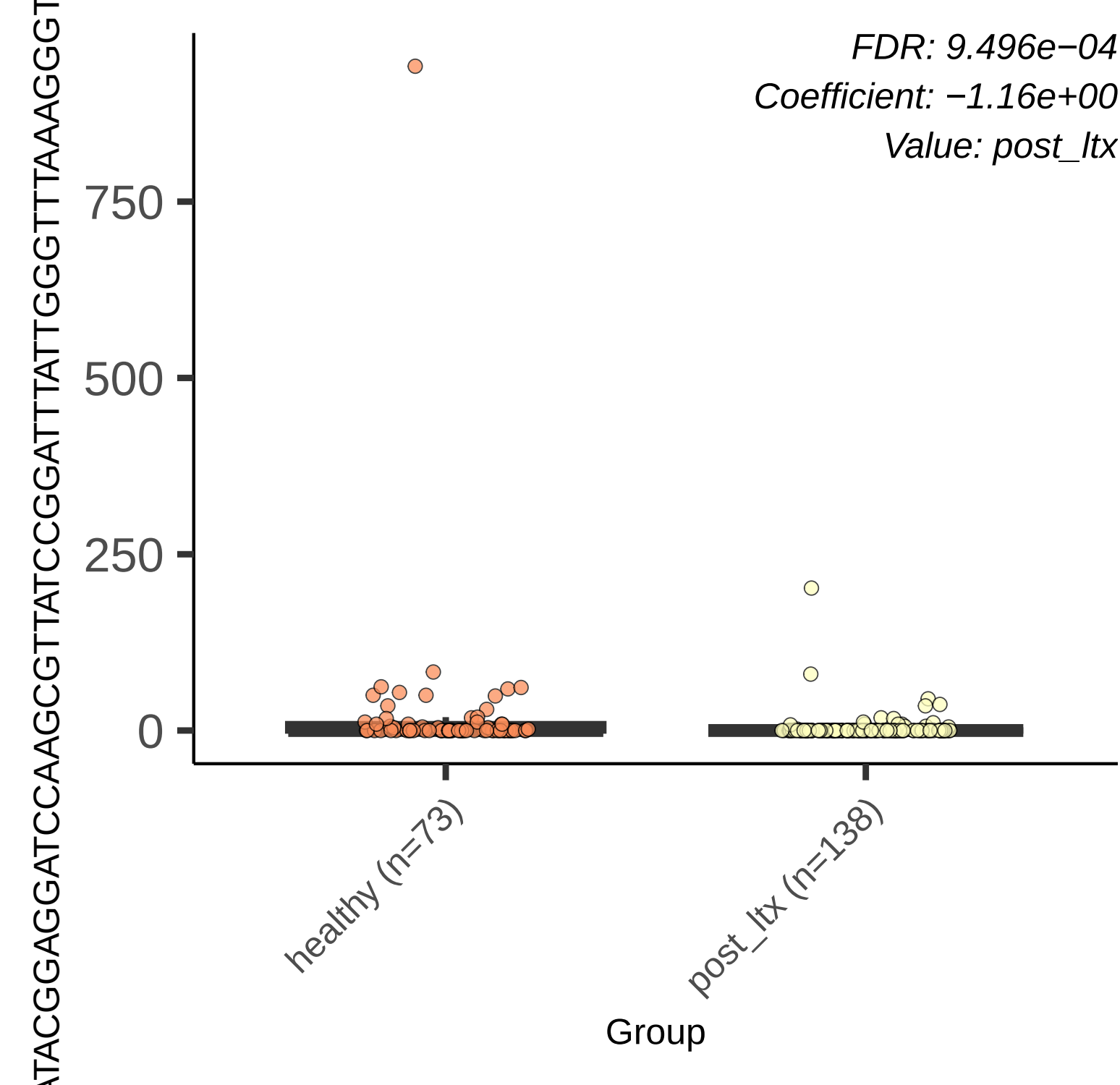

GGAGGATGCGAGCGTTATCCGGATTTATTGGGTTTAAAGGGTGC
1000
750
500
250
0
FDR: 3.438e−04
Coefficient: −7.95e−01
Value: post_ltx
healthy (n=73)
post_ltx (n=138)
Group

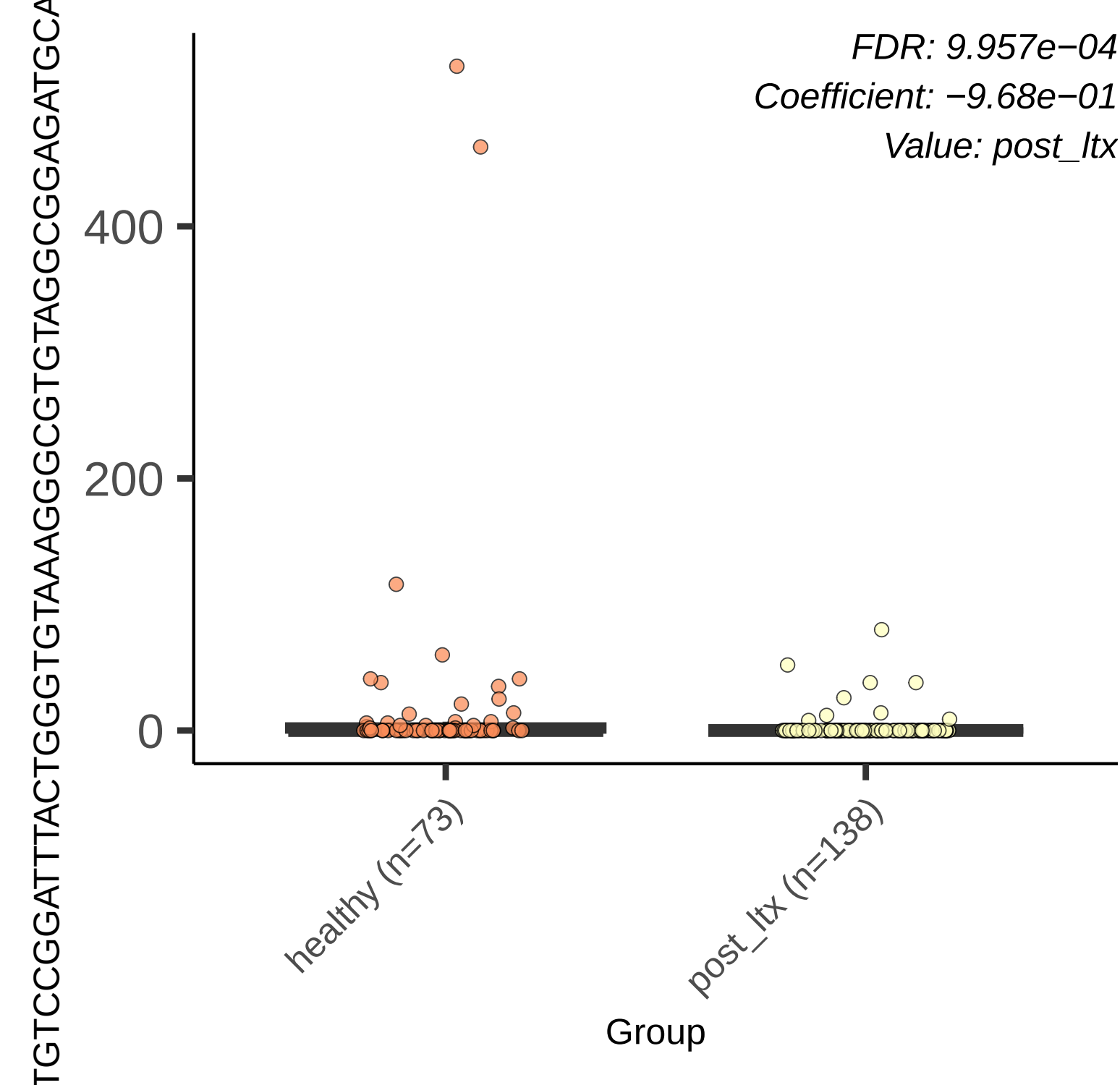

GGAATTACTGGGCGTAAAGCGCACGTAGGCGGCGATTTAAGTCA
FDR: 5.322e−04
Coefficient: 1.02e+00
Value: post_ltx
200
100
0
healthy (n=73)
post_ltx (n=138)
Group

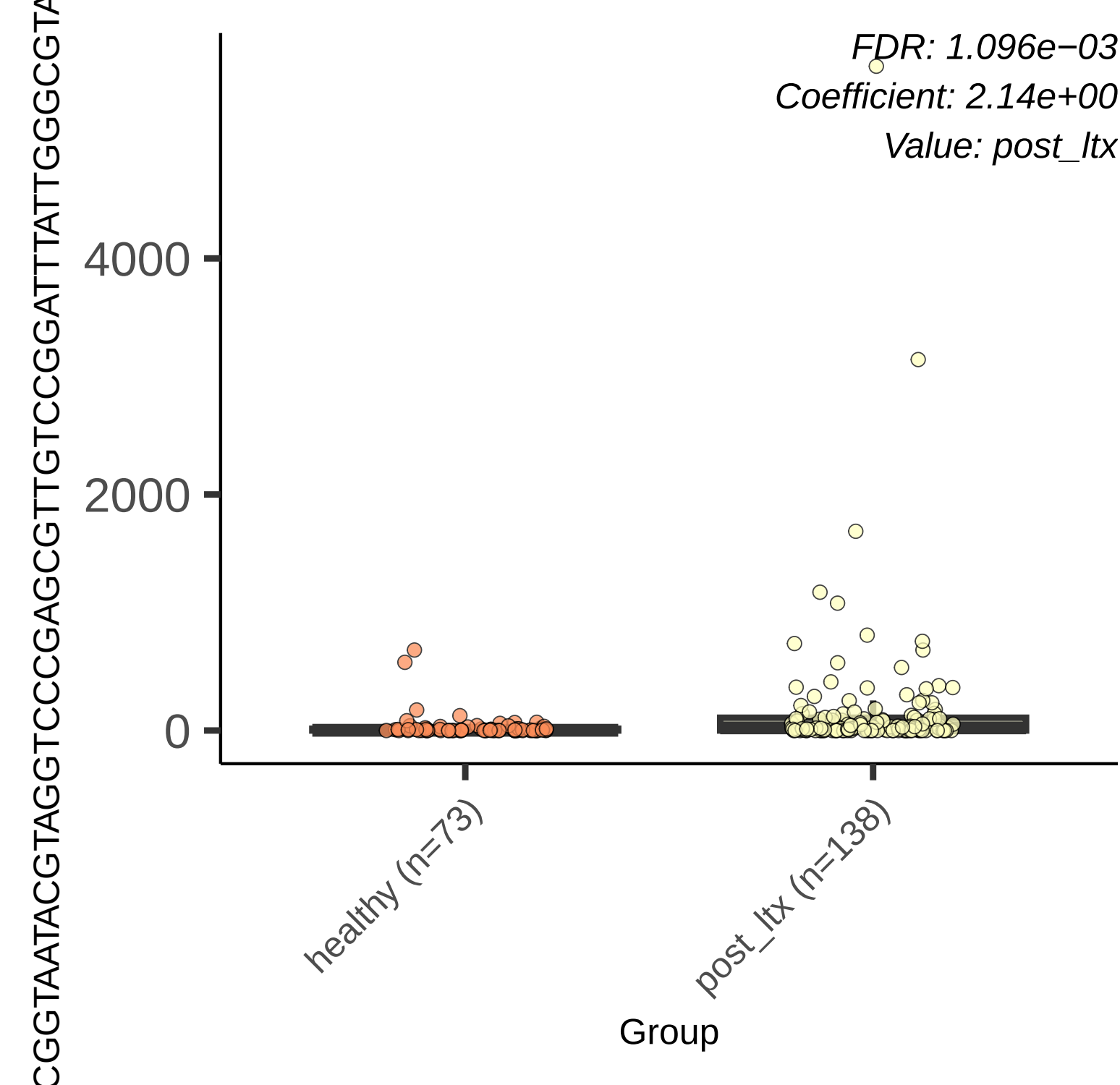

FDR: 5.582e−04
Coefficient: −2.26e+00
Value: post_ltx
900
600
300
0
healthy (n=73)
post_ltx (n=138)
Group
CGGATTTACTGGGTGTAAAGGGAGCGTAGACGGCTGTGCAAGTC

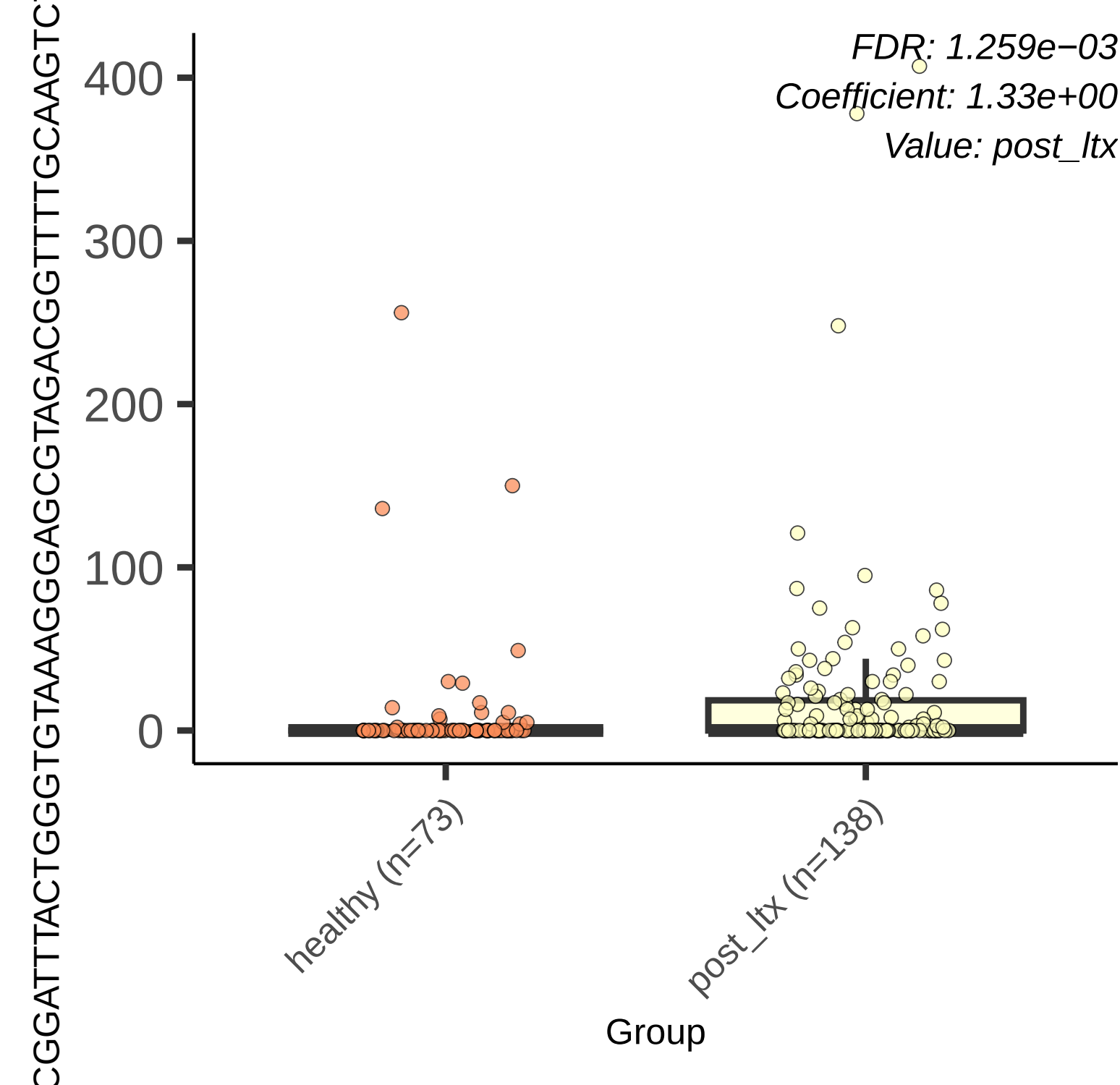

FDR: 7.727e−04
Coefficient: −1.07e+00
Value: post_ltx
125
100
75
50
25
0
healthy (n=73)
post_ltx (n=138)
Group
TGTCCGGATTTACTGGGTGTAAAGGGCGTGTAGGCGGGAGAGC

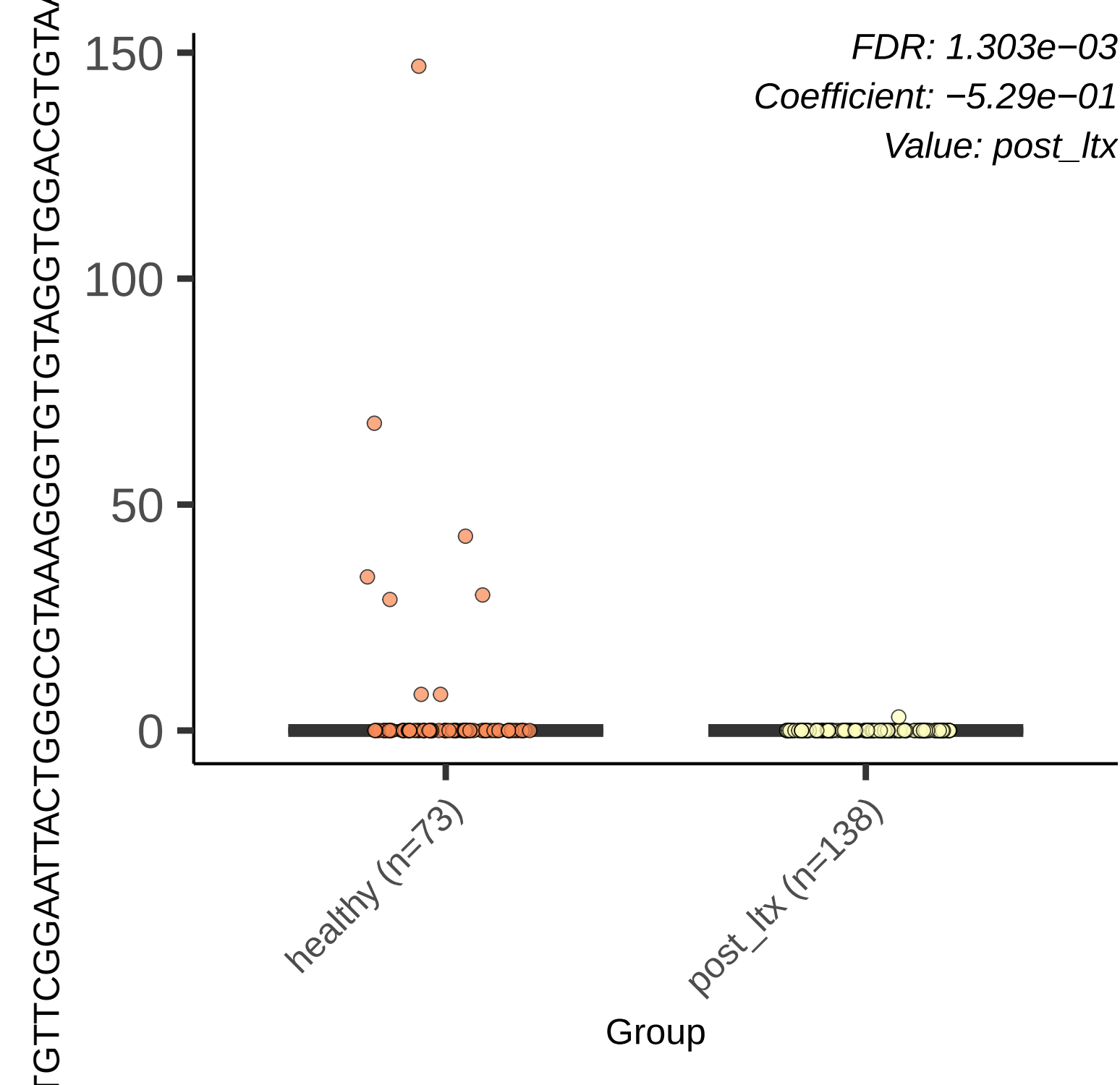

FDR: 8.872e−04
Coefficient: 1.62e+00
Value: post_ltx
1500
1000
500
0
healthy (n=73)
post_ltx (n=138)
Group
CCGGATTTACTGGGCGTAAAGGGAGCGTAGGCGGATGATTAAGT

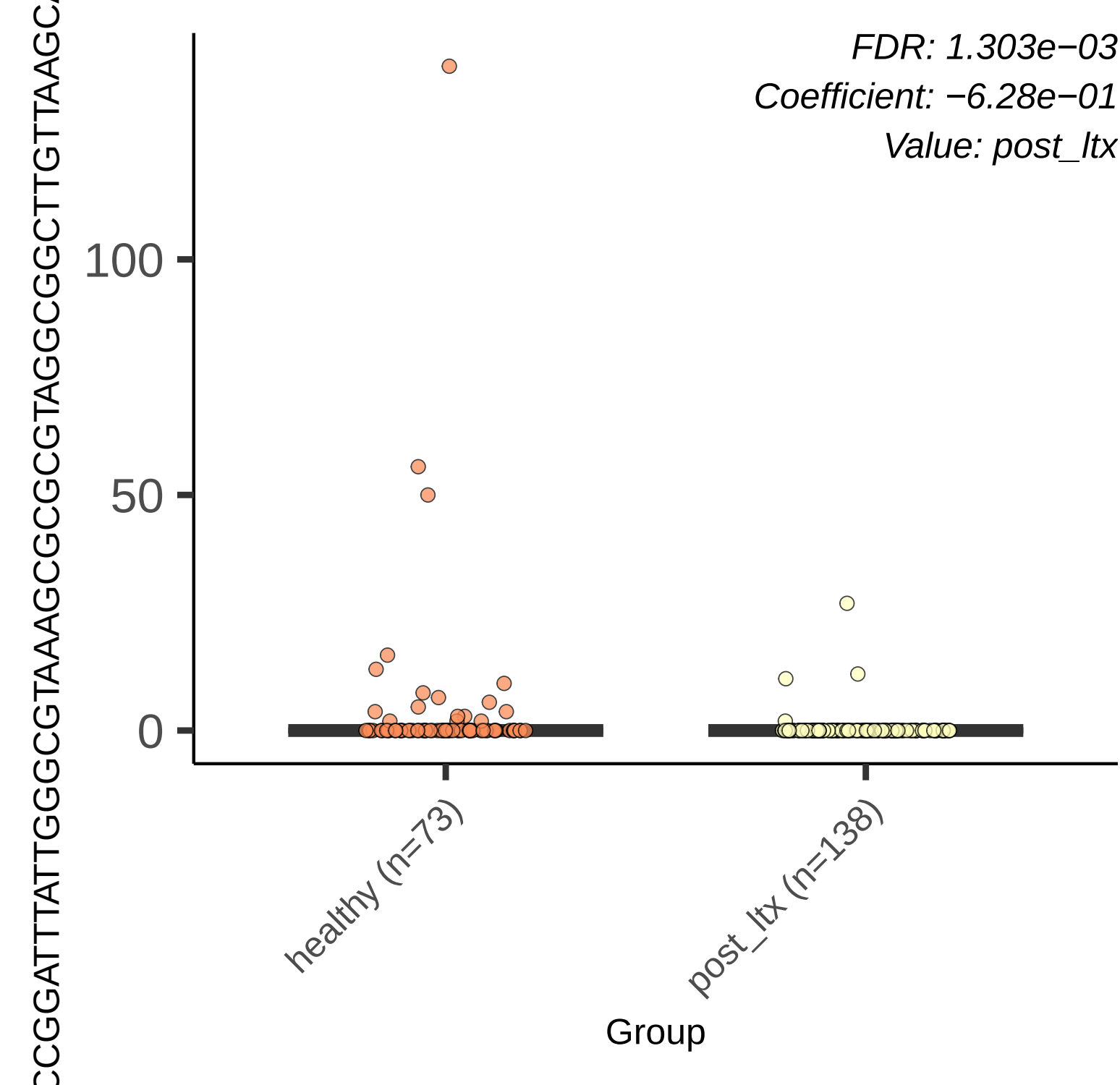

FDR: 9.496e−04
Coefficient: −1.16e+00
Value: post_ltx
750
500
250
0
healthy (n=73)
post_ltx (n=138)
Group
ATACGGAGGATCCAAGCGTTATCCGGATTTATTGGGTTTAAAGGGT

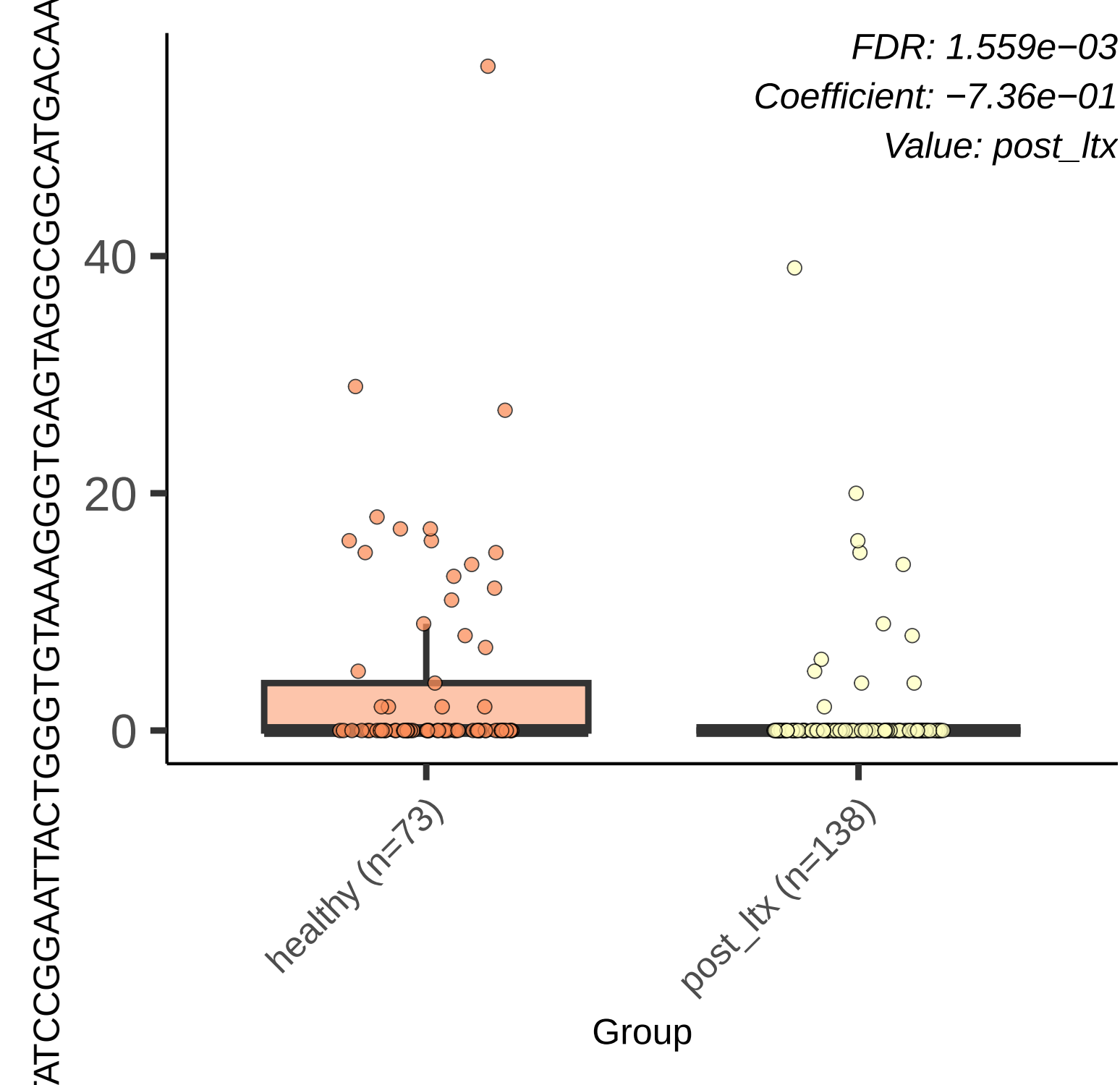

FDR: 9.957e−04
Coefficient: −9.68e−01
Value: post_ltx
400
200
0
healthy (n=73)
post_ltx (n=138)
Group
TGTCCGGATTTACTGGGTGTAAAGGGCGTGTAGGCGGAGATGCA

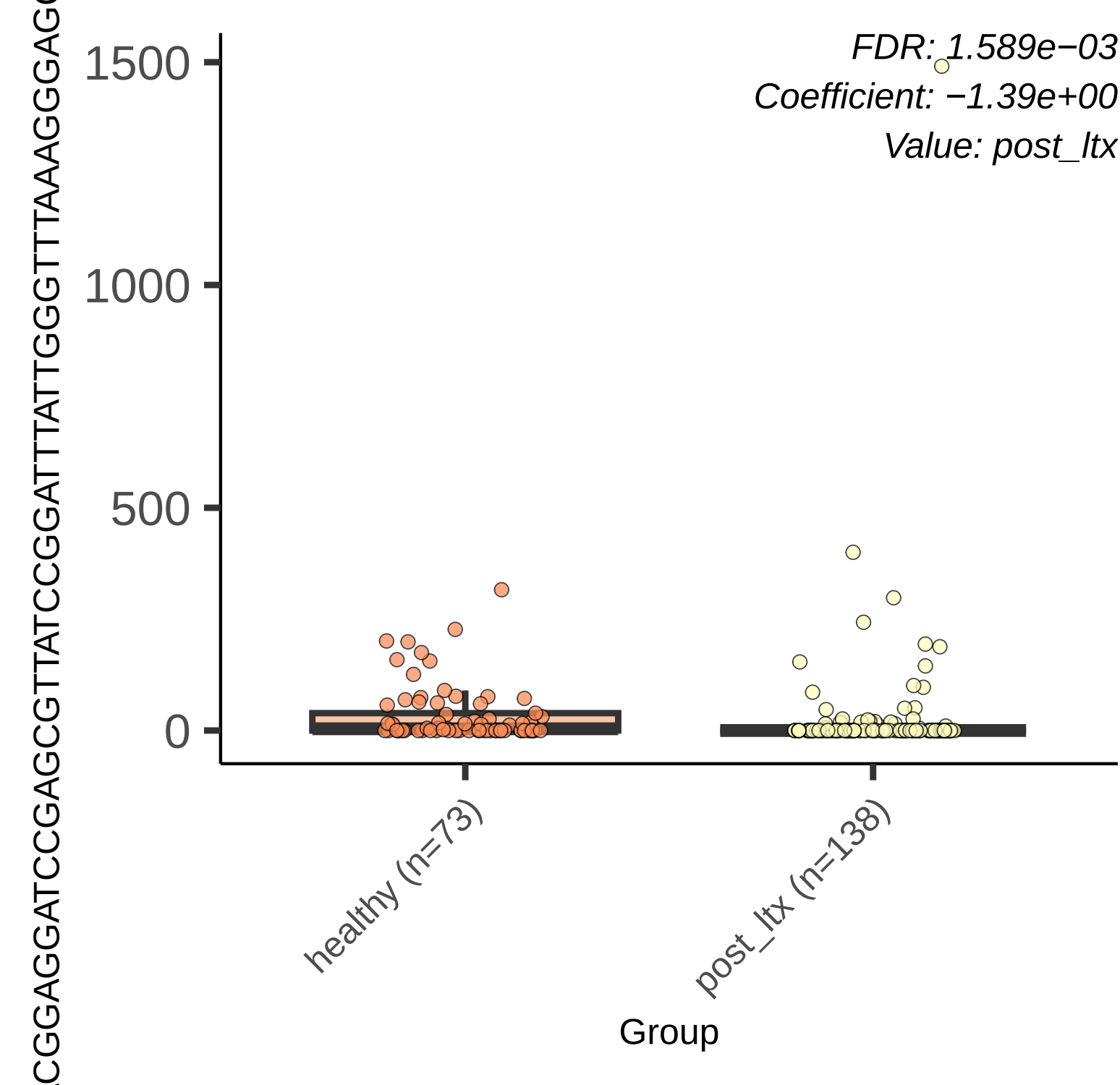

FDR: 1.096e−03
Coefficient: 2.14e+00
Value: post_ltx
4000
2000
0
healthy (n=73)
post_ltx (n=138)
Group
CGGTAATACGTAGGTCCCGAGCGTTGTCCGGATTTATTGGGCGTA

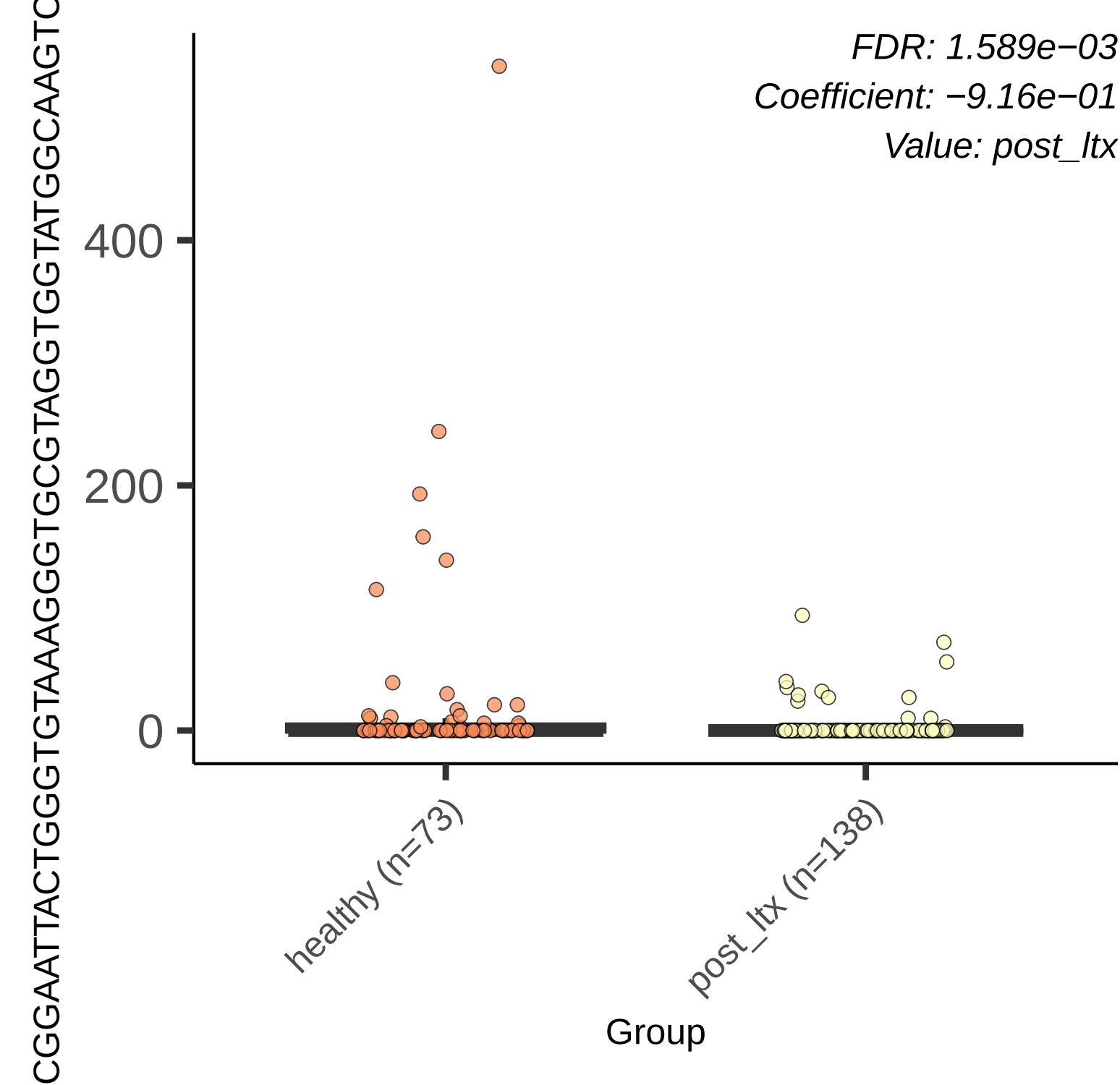

FDR: 1.259e−03
Coefficient: 1.33e+00
Value: post_ltx
400
300
200
100
0
healthy (n=73)
post_ltx (n=138)
Group
CGGATTTACTGGGTGTAAAGGGAGCGTAGACGGTTTTTGCAAGTC

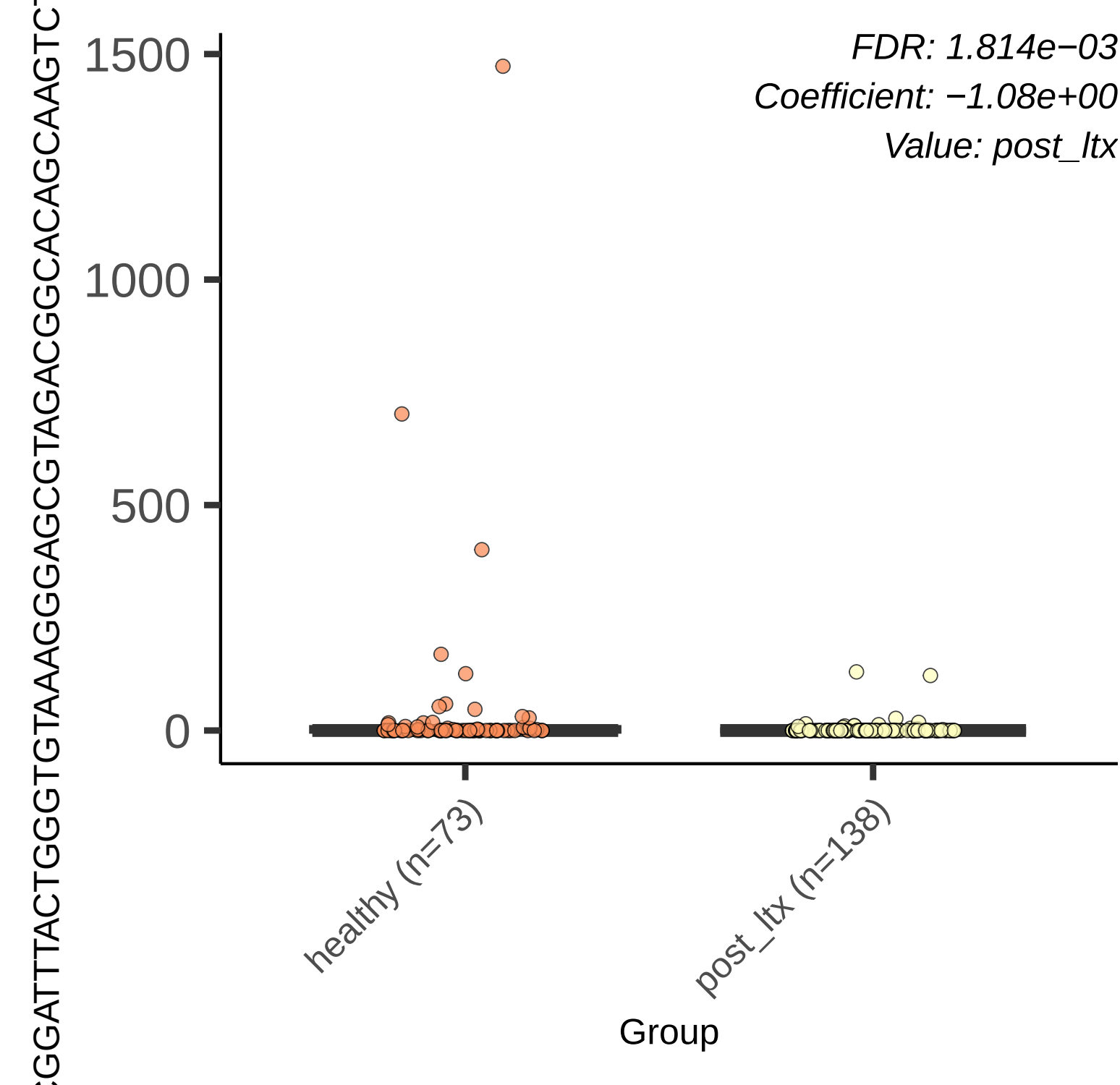

FDR: 1.303e−03
Coefficient: −5.29e−01
Value: post_ltx
150
100
50
0
healthy (n=73)
post_ltx (n=138)
Group
TGTTCGGAATTACTGGGCGTAAAGGGTGTGTAGGTGGACGTGTA

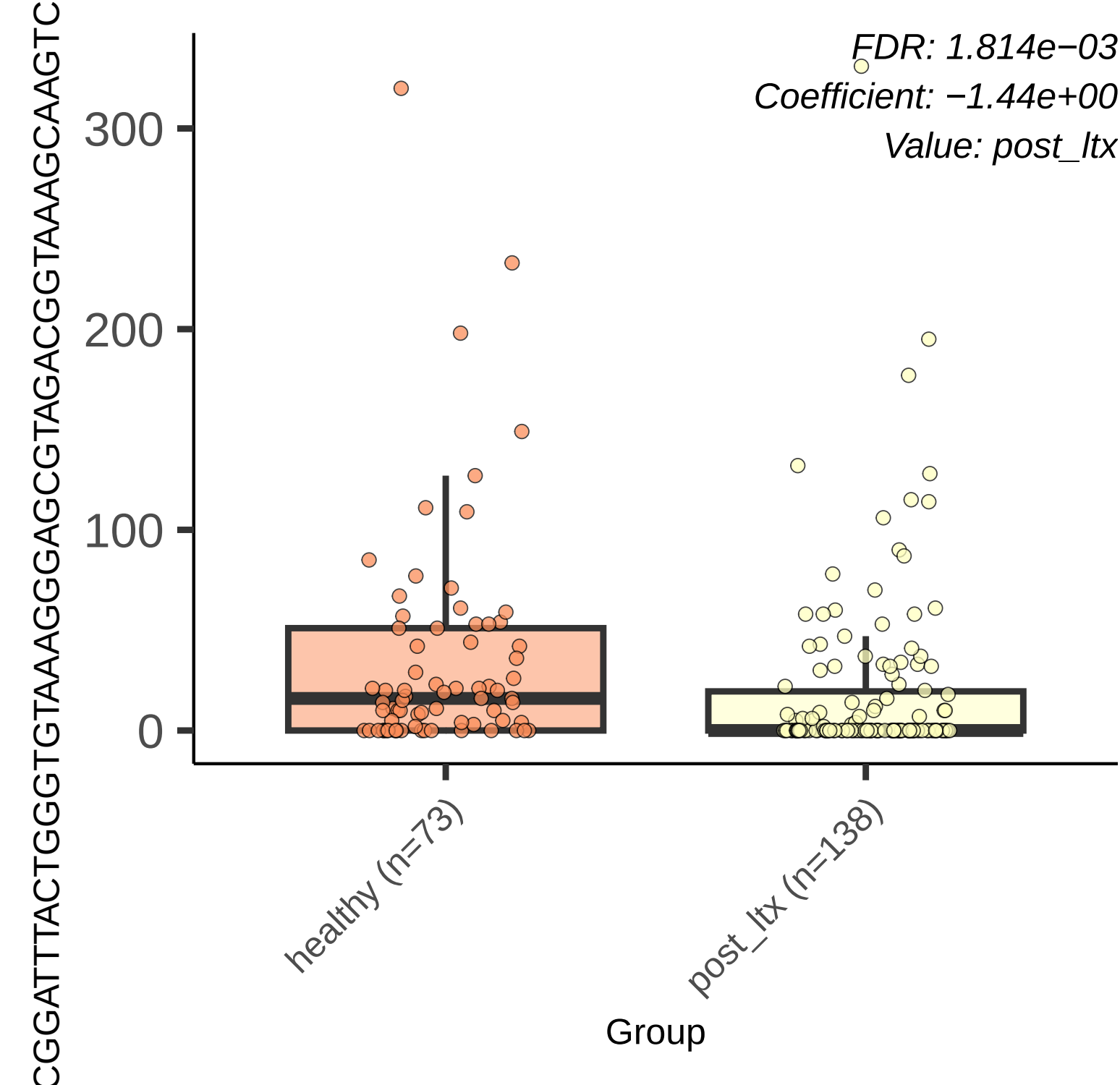

FDR: 1.303e−03
Coefficient: −6.28e−01
Value: post_ltx
100
50
0
healthy (n=73)
post_ltx (n=138)
Group
CCGGATTTATTGGGCGTAAAGCGCGCGTAGGCGGCTTGTTAAGC


FDR: 1.559e−03
Coefficient: −7.36e−01
Value: post_ltx
40
20
0
healthy (n=73)
post_ltx (n=138)
Group
ATCCGGAATTACTGGGTGTAAAGGGTGAGTAGGCGGCATGACAA


FDR: 1.589e−03
Coefficient: −1.39e+00
Value: post_ltx
1500
1000
500
0
healthy (n=73)
post_ltx (n=138)
Group
CGGAGGATCCGAGCGTTATCCGGATTTATTGGGTTTAAAGGGAG


FDR: 1.589e−03
Coefficient: −9.16e−01
Value: post_ltx
400
200
0
healthy (n=73)
post_ltx (n=138)
Group
CGGAATTACTGGGTGTAAAGGGTGCGTAGGTGGTATGGCAAGTC


FDR: 1.814e−03
Coefficient: −1.08e+00
Value: post_ltx
1500
1000
500
0
healthy (n=73)
post_ltx (n=138)
Group
GGATTTACTGGGTGTAAAGGGAGCGTAGACGGCACAGCAAGTC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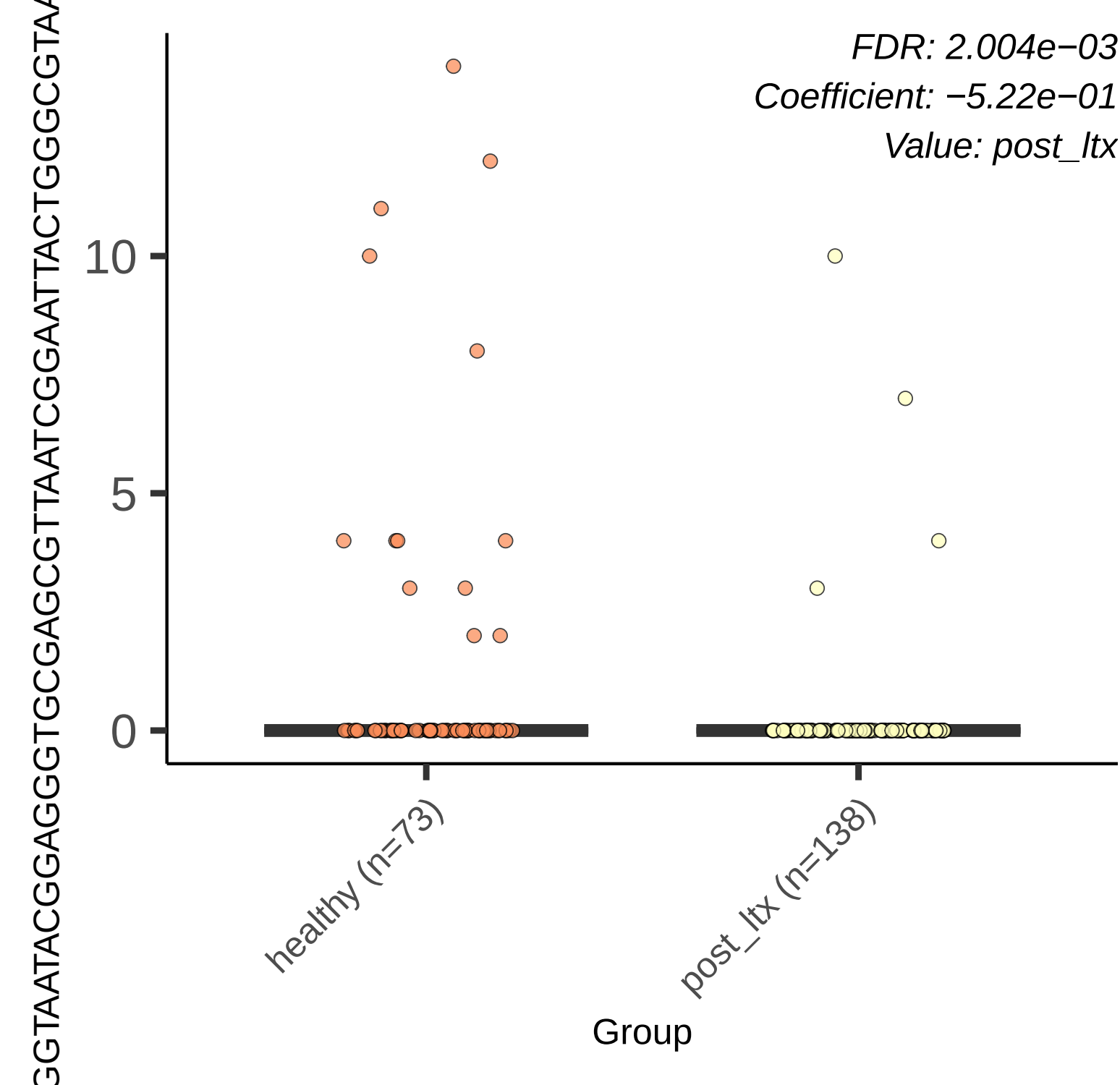
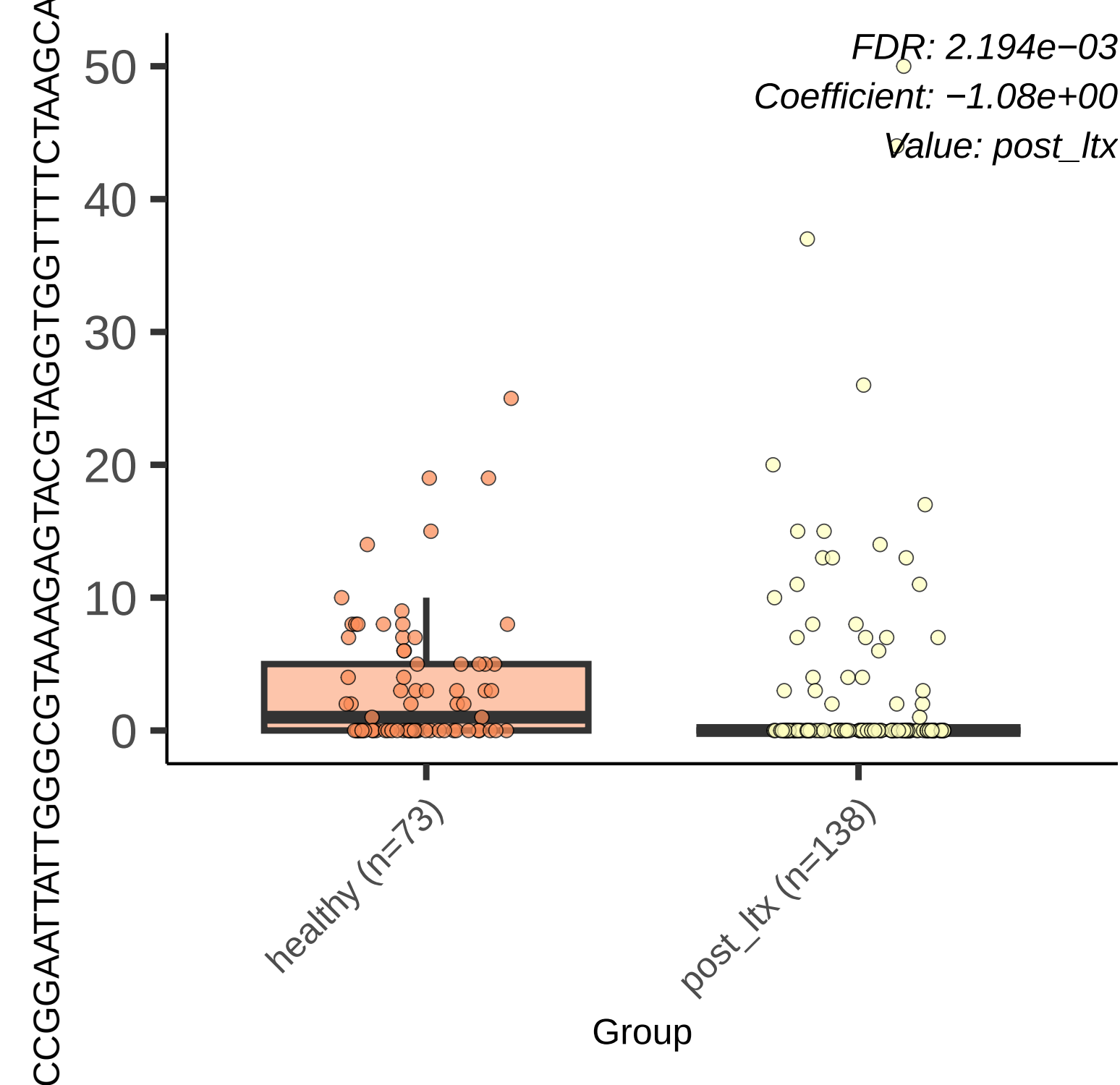
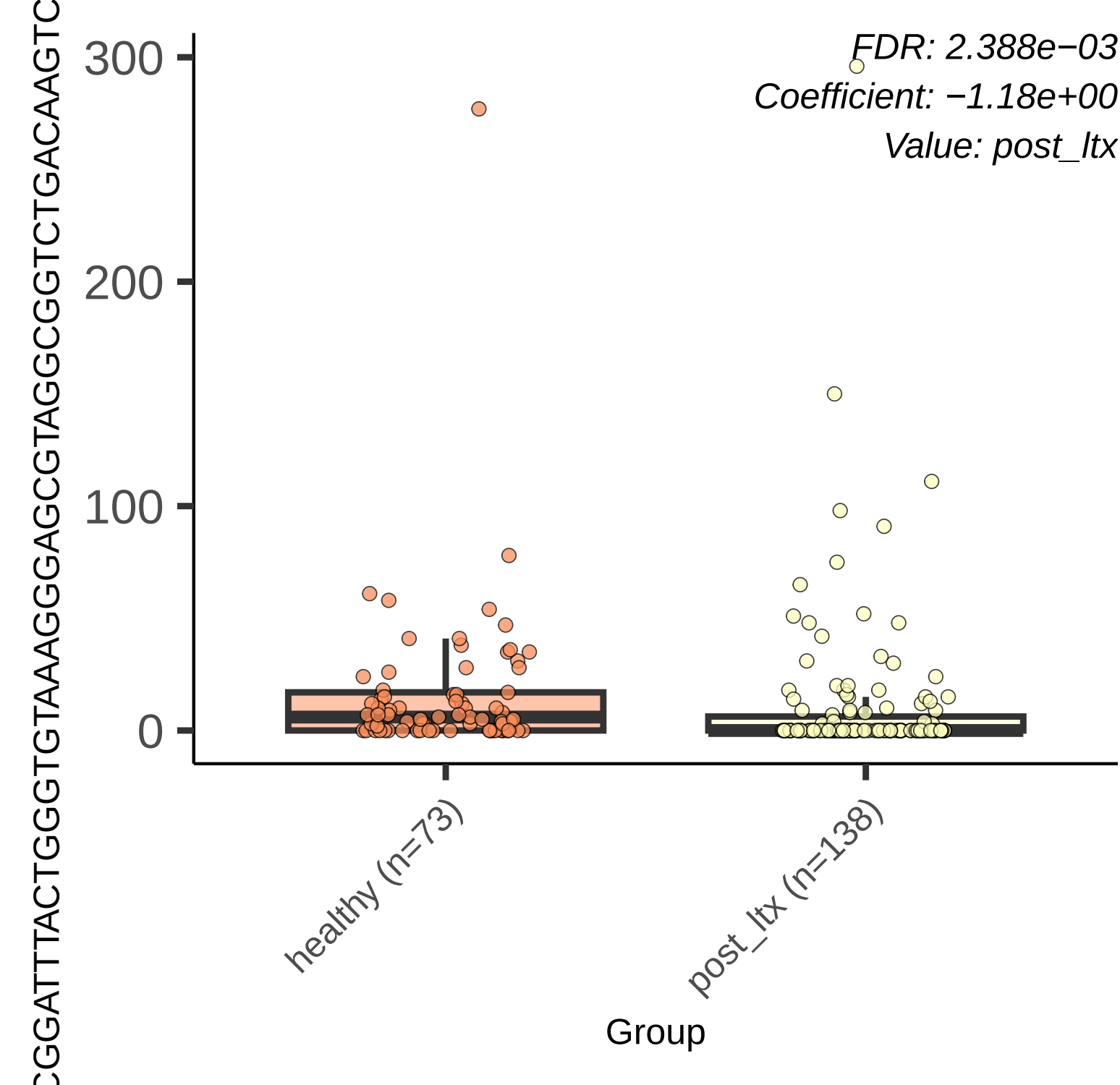
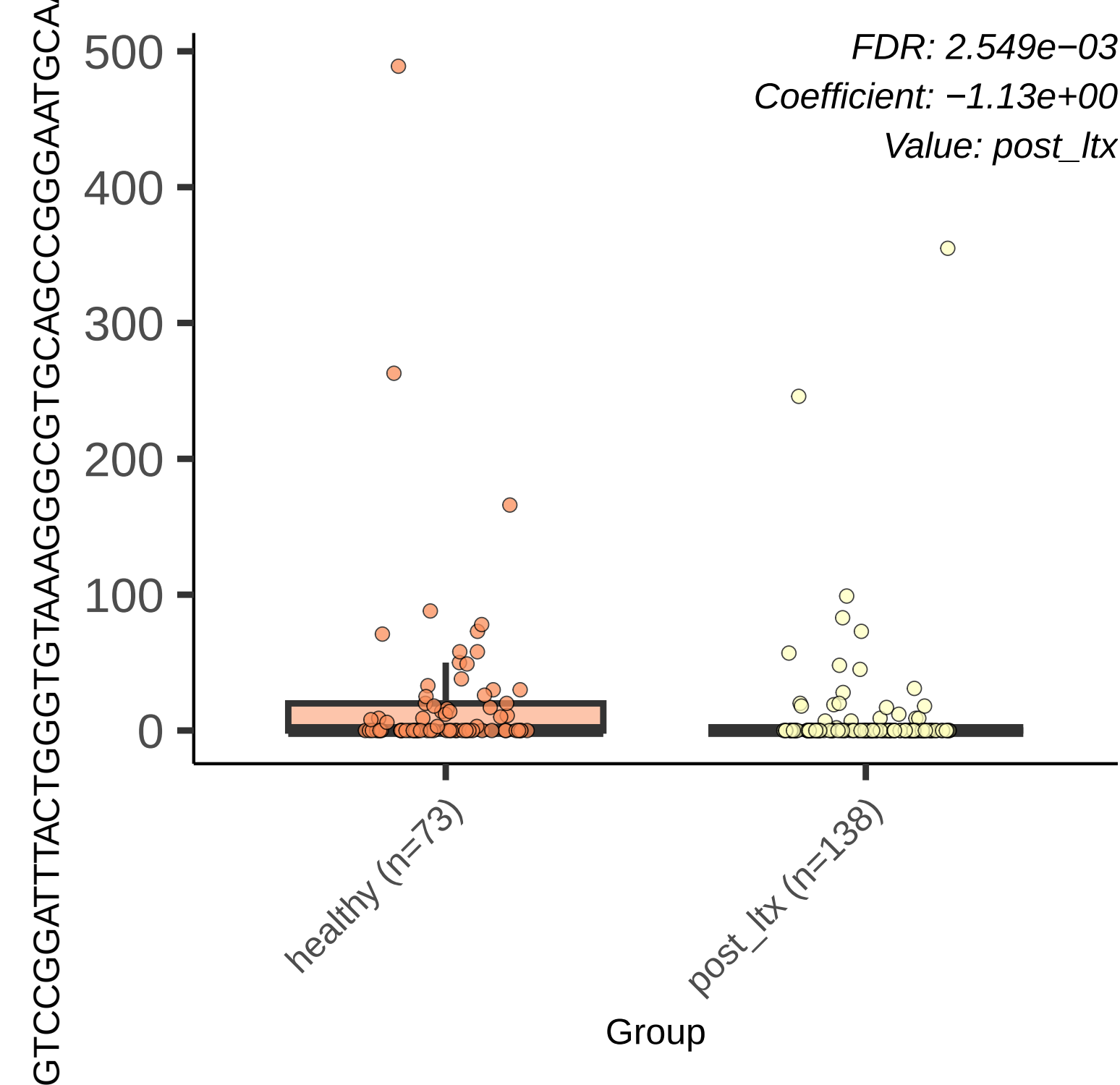
Coefficient: −1.44e+00
Value: post_ltx
300
200
100
0
healthy (n=73)
post_ltx (n=138)
Group
CGGATTTACTGGGTGTAAAGGGAGCGTAGACGGTAAAGCAAGTC


FDR: 2.004e−03
Coefficient: −5.22e−01
Value: post_ltx
10
5
0
healthy (n=73)
post_ltx (n=138)
Group
GGTAATACGGAGGGTGCGAGCGTTAATCGGAATTACTGGGCGTAA


FDR: 2.194e−03
Coefficient: −1.08e+00
Value: post_ltx
50
40
30
20
10
0
healthy (n=73)
post_ltx (n=138)
Group
CCGGAATTATTGGGCGTAAAGAGTACGTAGGTGGTTTTTCTAAGCA


FDR: 2.388e−03
Coefficient: −1.18e+00
Value: post_ltx
300
200
100
0
healthy (n=73)
post_ltx (n=138)
Group
CGGATTTACTGGGTGTAAAGGGAGCGTAGGCGGTCTGACAAGTC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Coefficient: −1.13e+00
Value: post_ltx
500
400
300
200
100
0
healthy (n=73)
post_ltx (n=138)
Group
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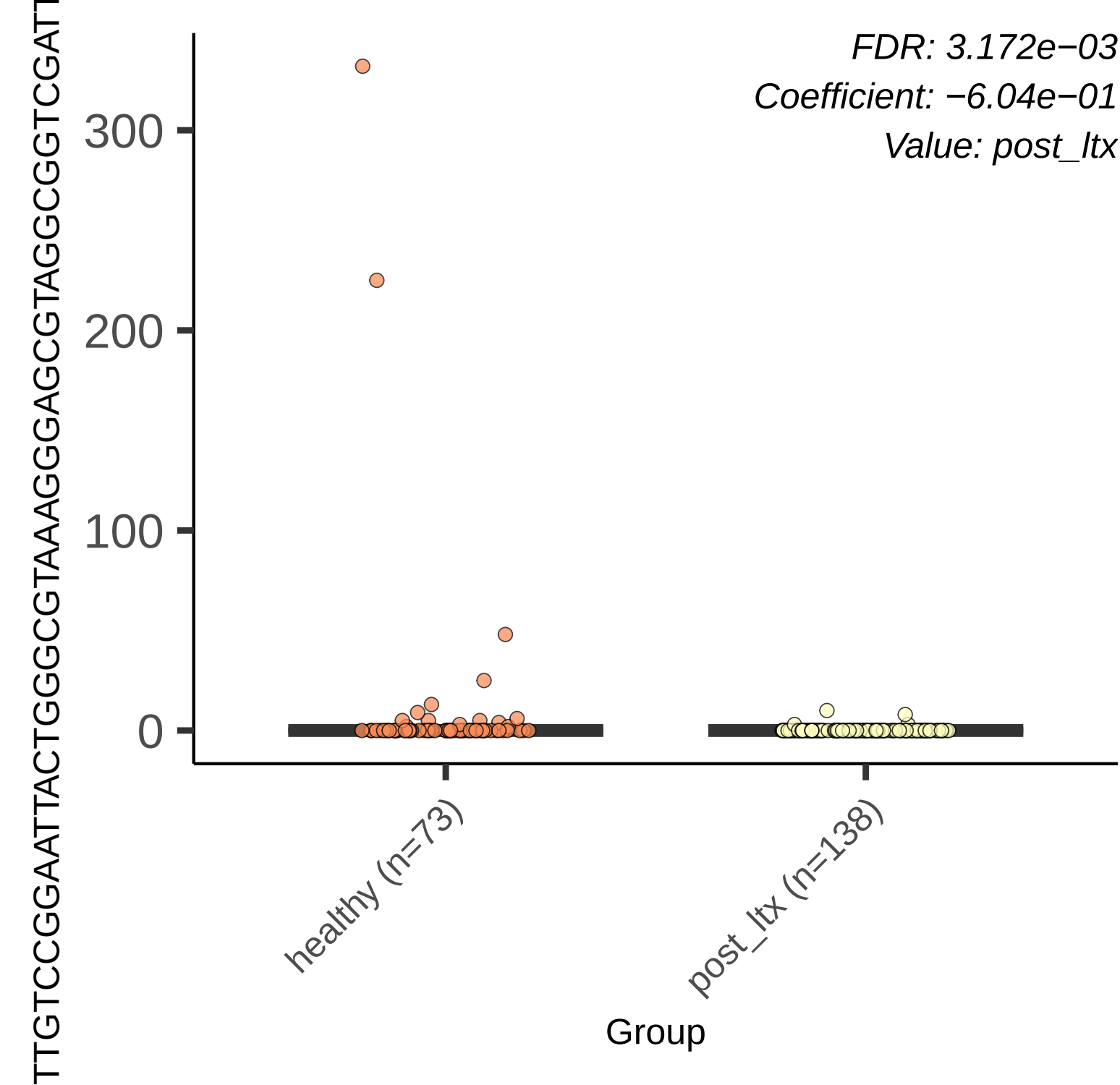
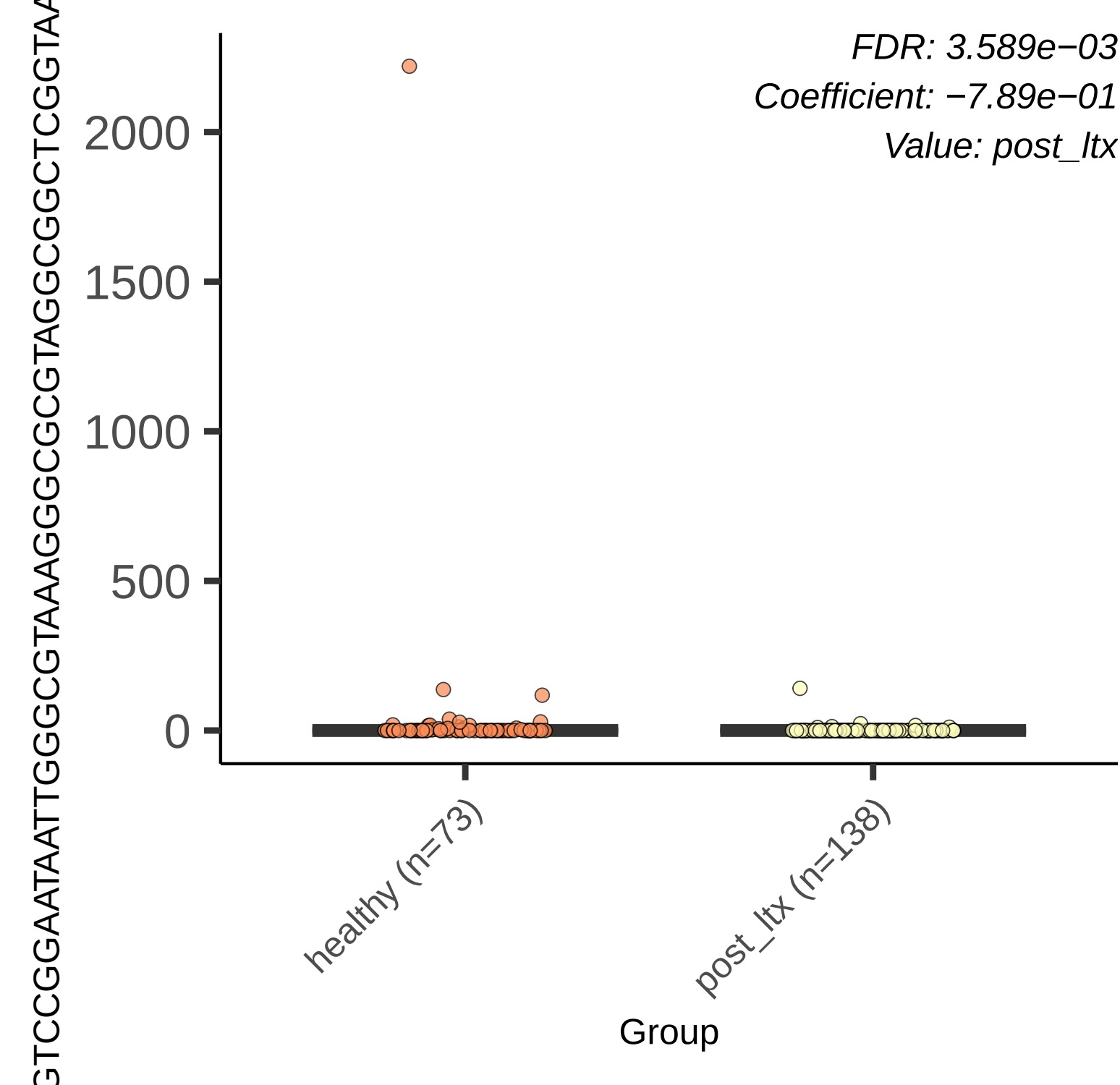
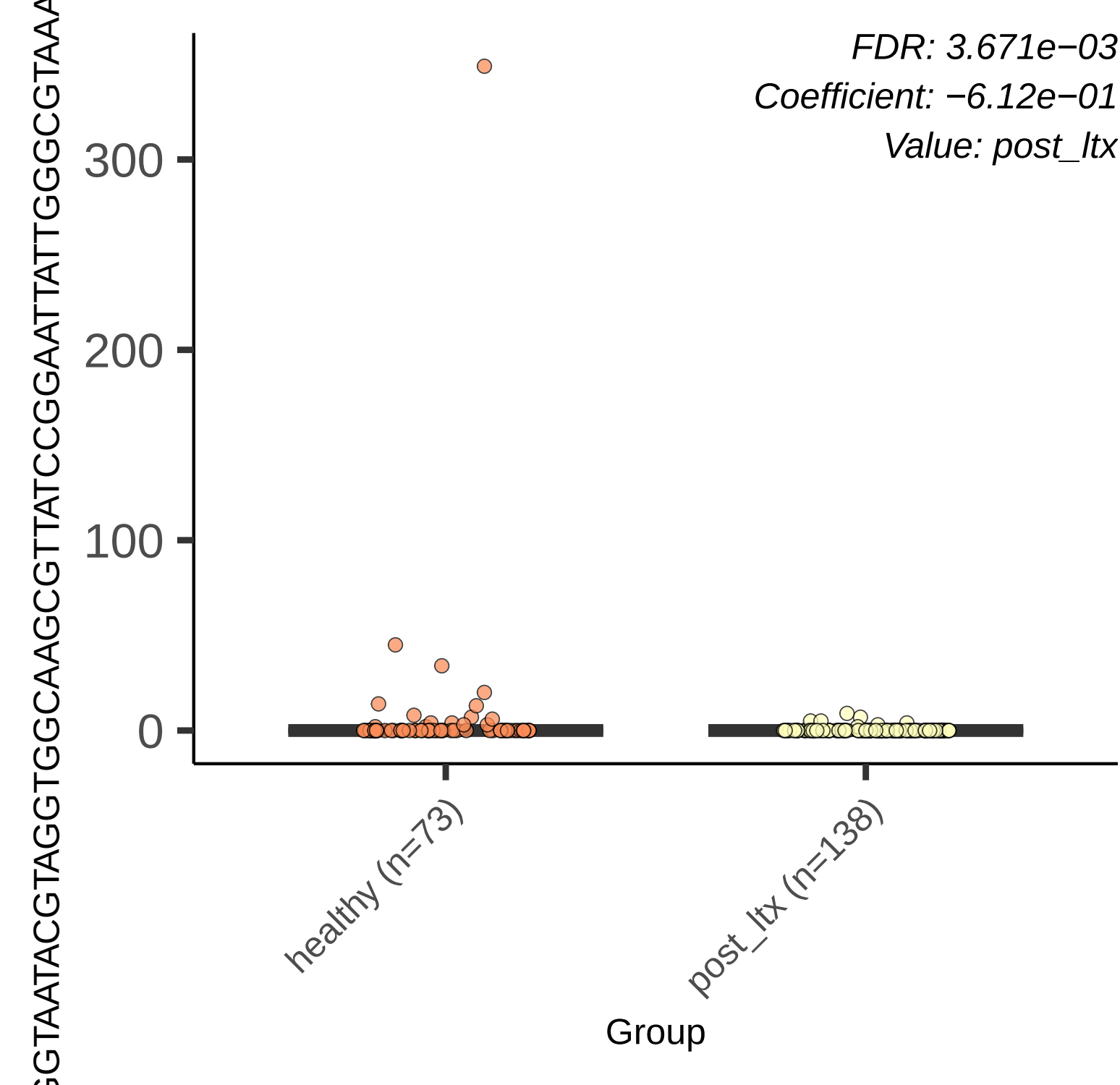
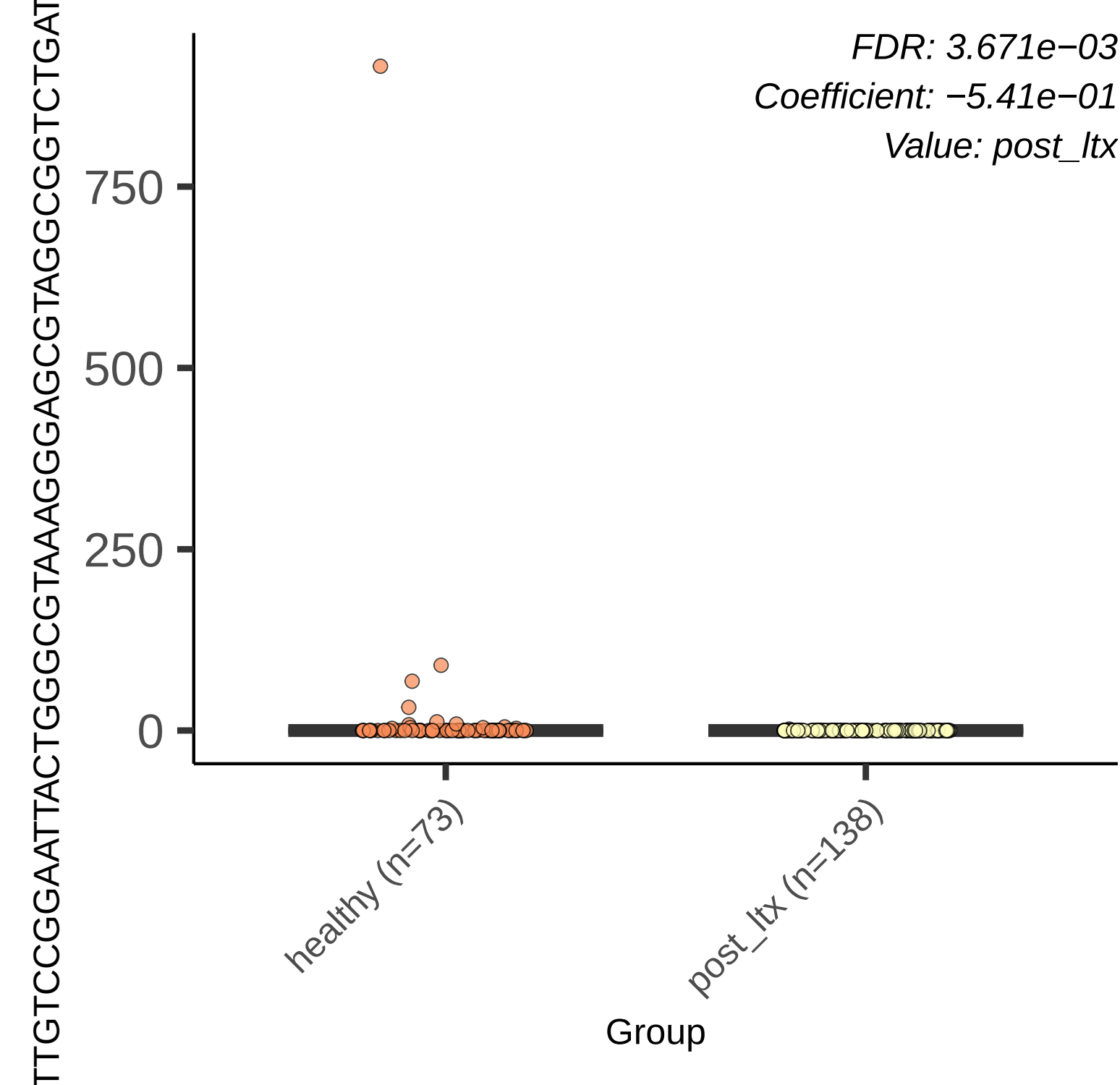
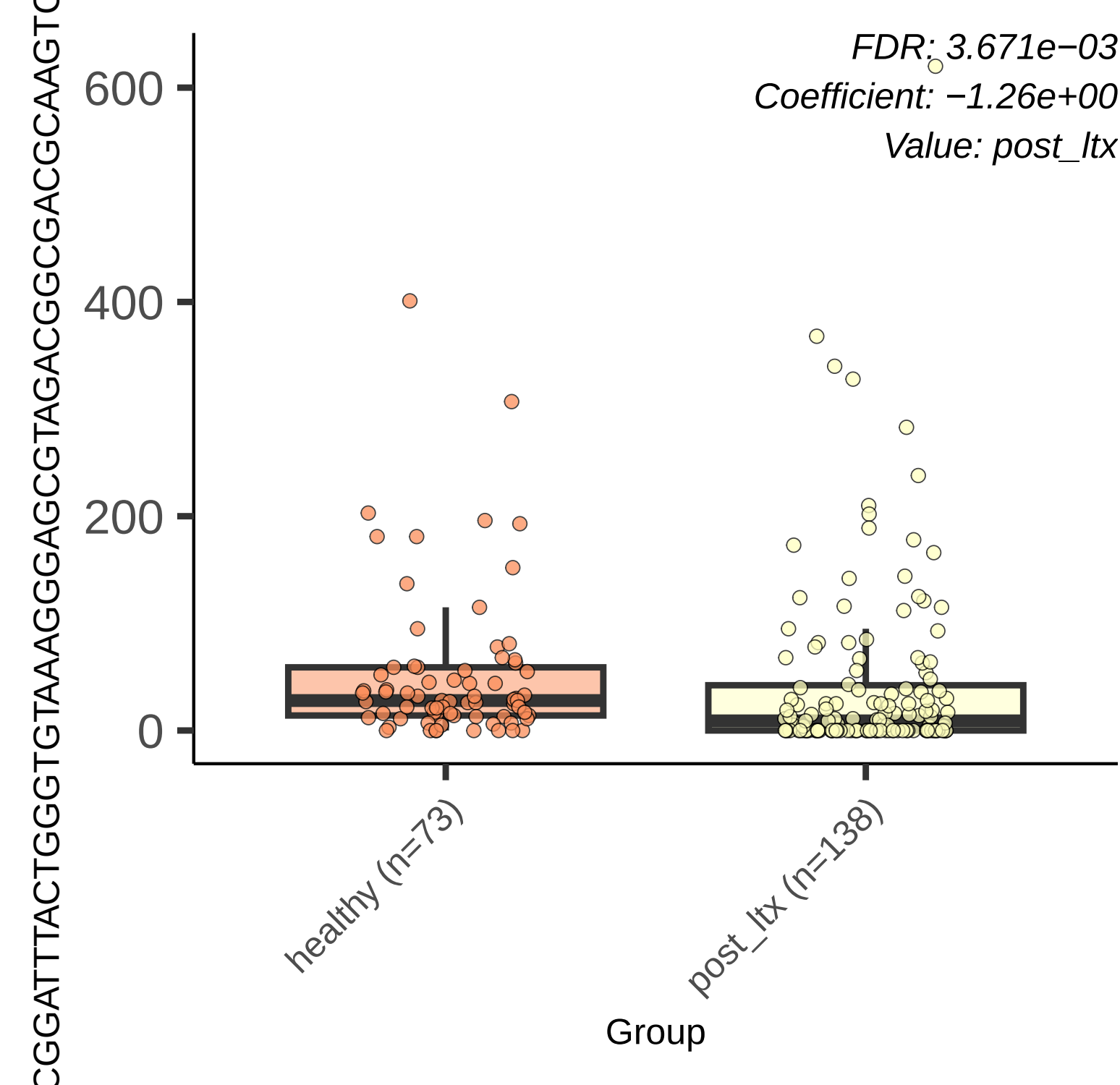
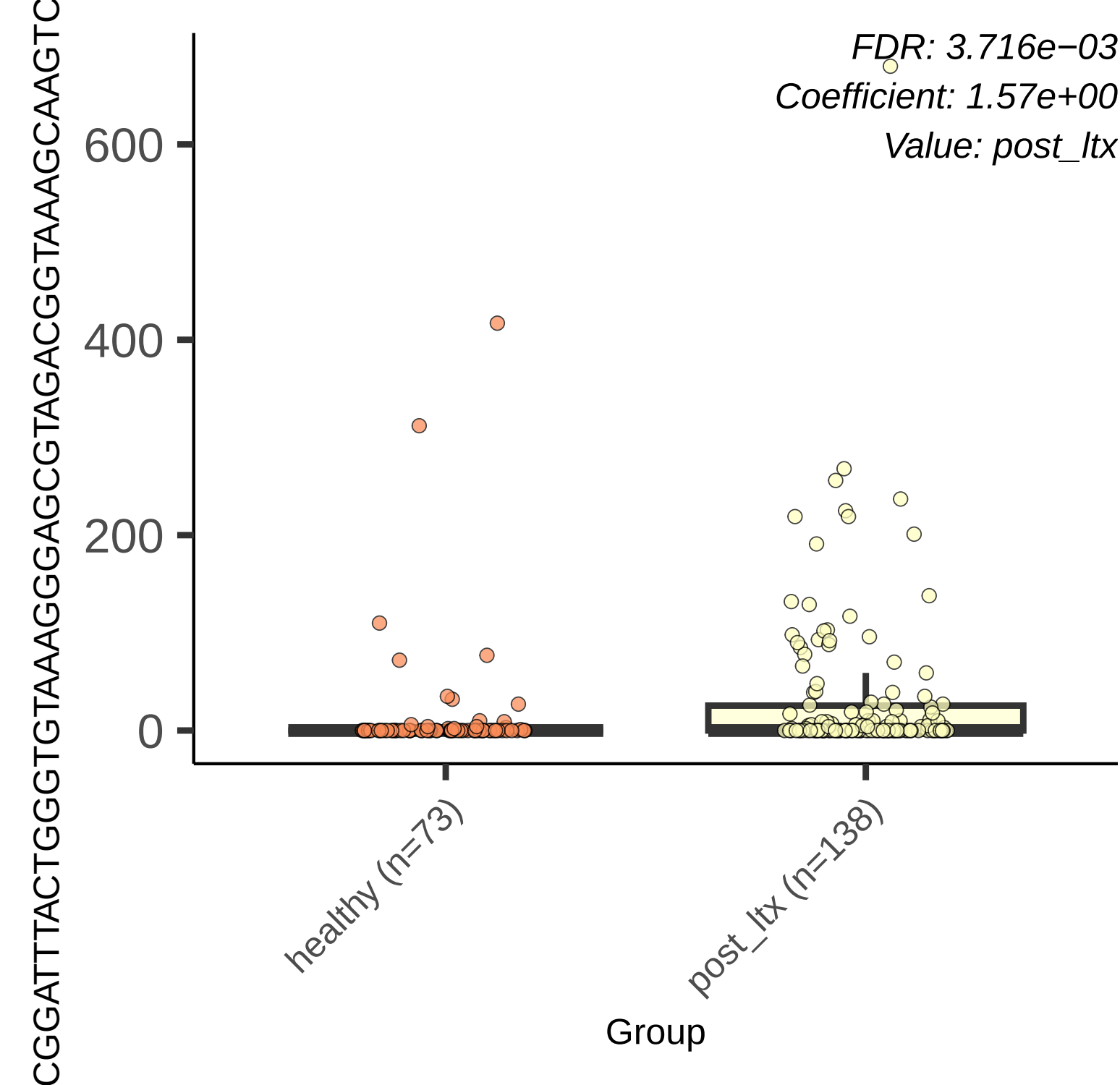

FDR: 3.172e−03
Coefficient: −6.04e−01
Value: post_ltx
300
200
100
0
healthy (n=73)
post_ltx (n=138)
Group
TTGTCCGGAATTACTGGGCGTAAAGGGAGCGTAGGCGGTCGATT

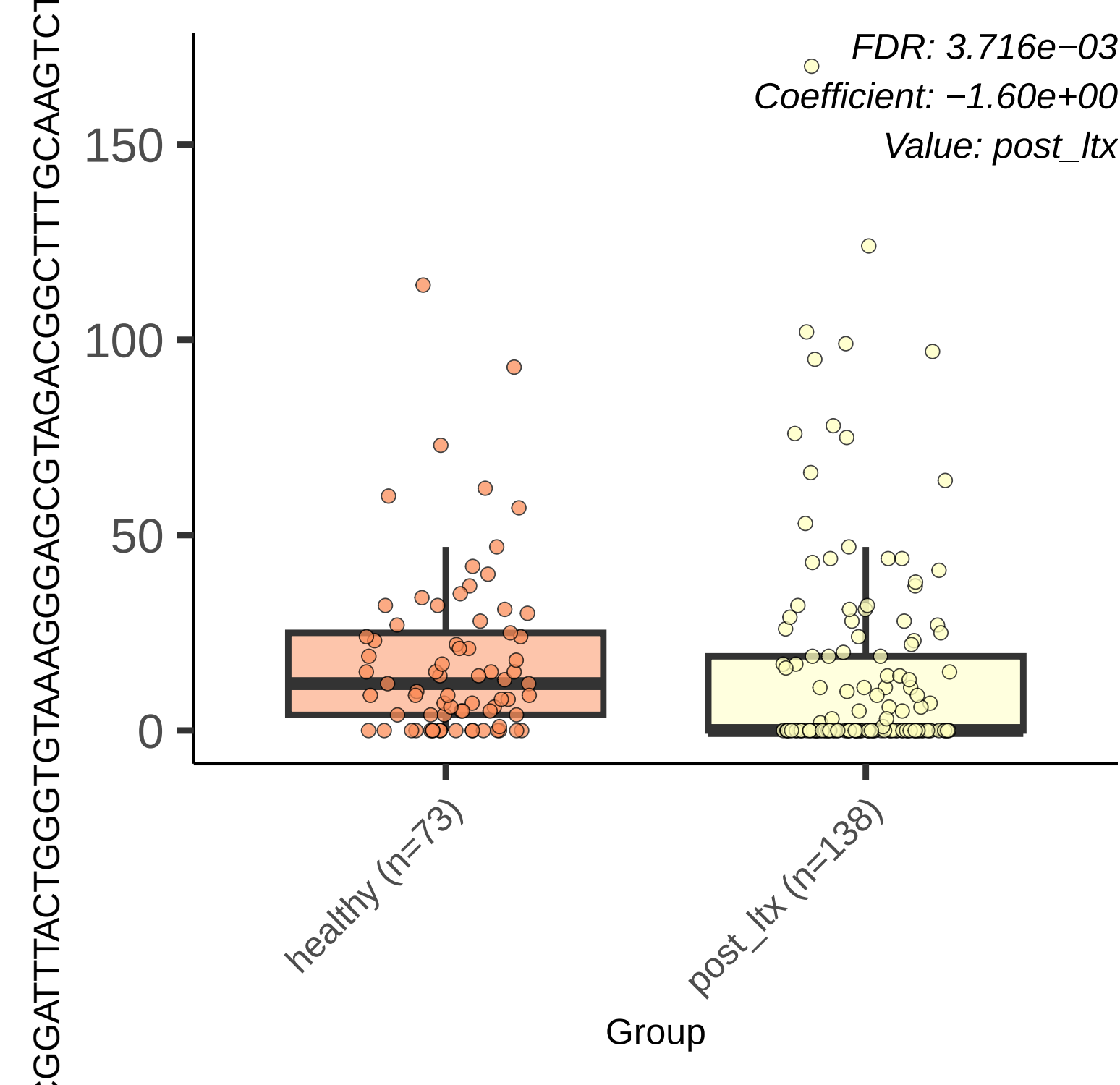

FDR: 3.589e−03
Coefficient: −7.89e−01
Value: post_ltx
2000
1500
1000
500
0
healthy (n=73)
post_ltx (n=138)
Group
GTCCGGAATAATTGGGCGTAAAGGGCGCGTAGGCGGCTCGGTAA

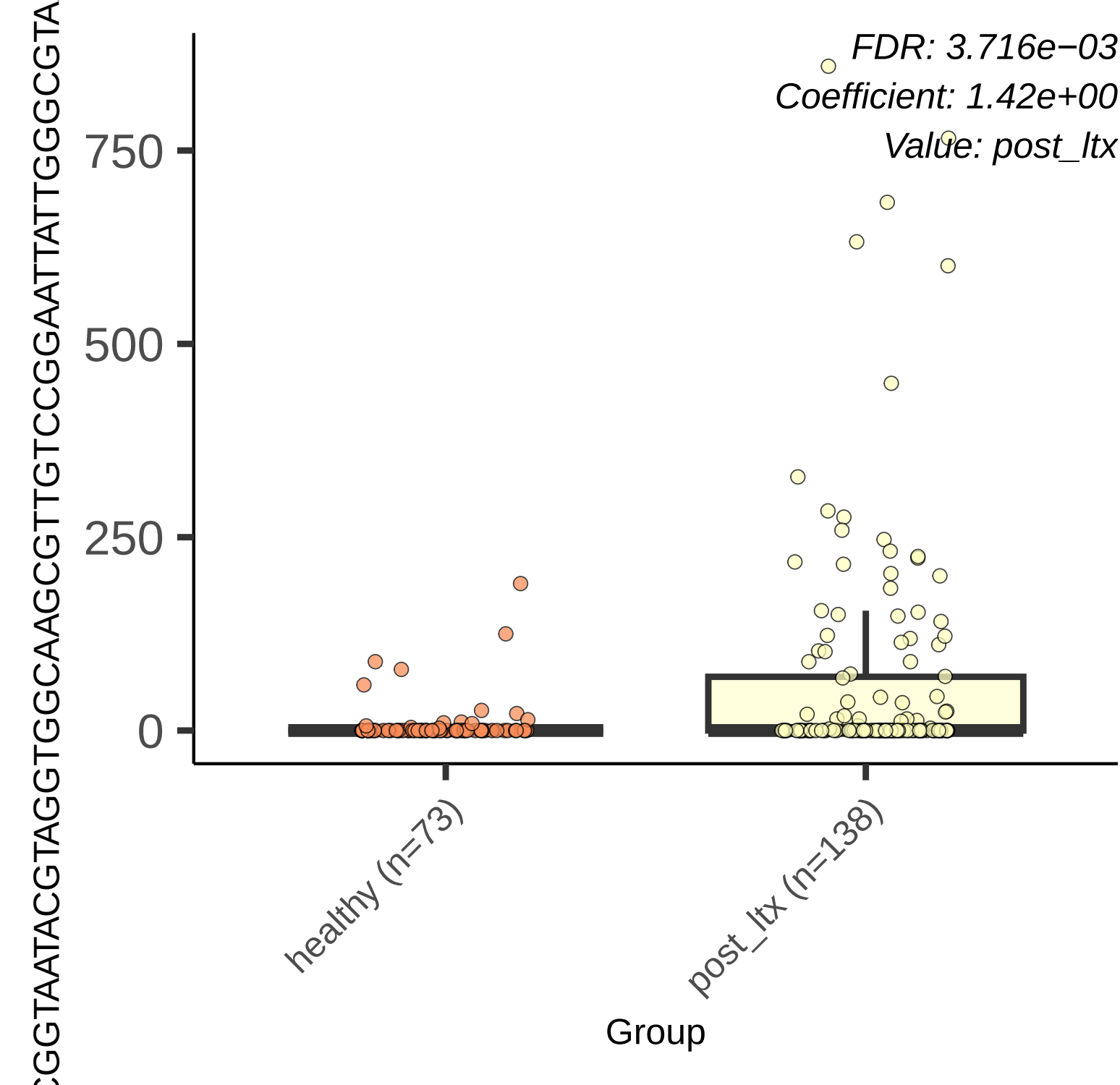

GTAATACCGTAGGTGGCAAGCGTTATCCGGAATTATTGGGCGTAAA
FDR: 3.671e−03
Coefficient: −6.12e−01
Value: post_ltx
300
200
100
0
healthy (n=73)
post_ltx (n=138)
Group

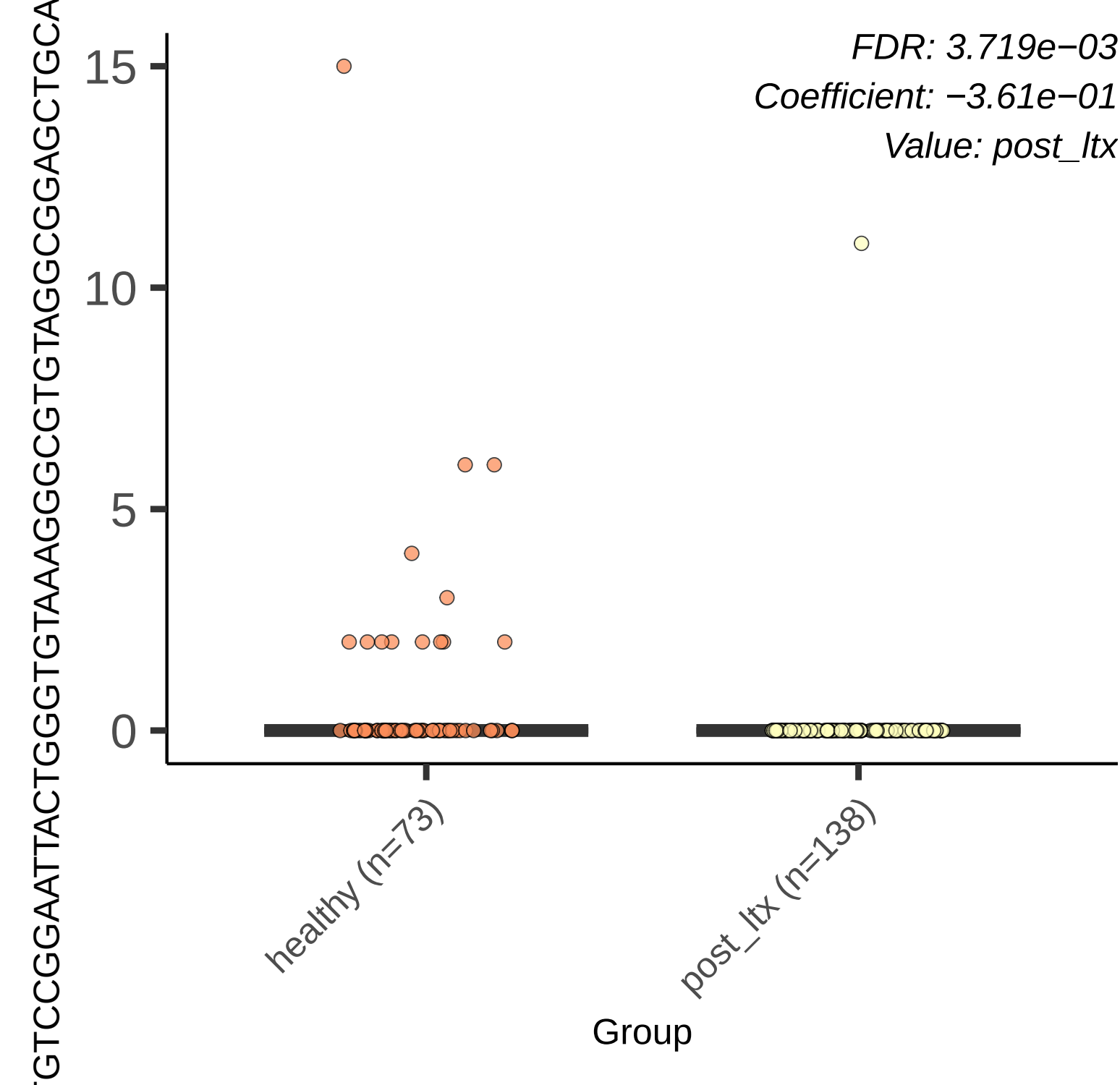

FDR: 3.671e−03
Coefficient: −5.41e−01
Value: post_ltx
750
500
250
0
healthy (n=73)
post_ltx (n=138)
Group
TTGTCCGGAATTACTGGGCGTAAAGGGAGCGTAGGCGGTCTGAT

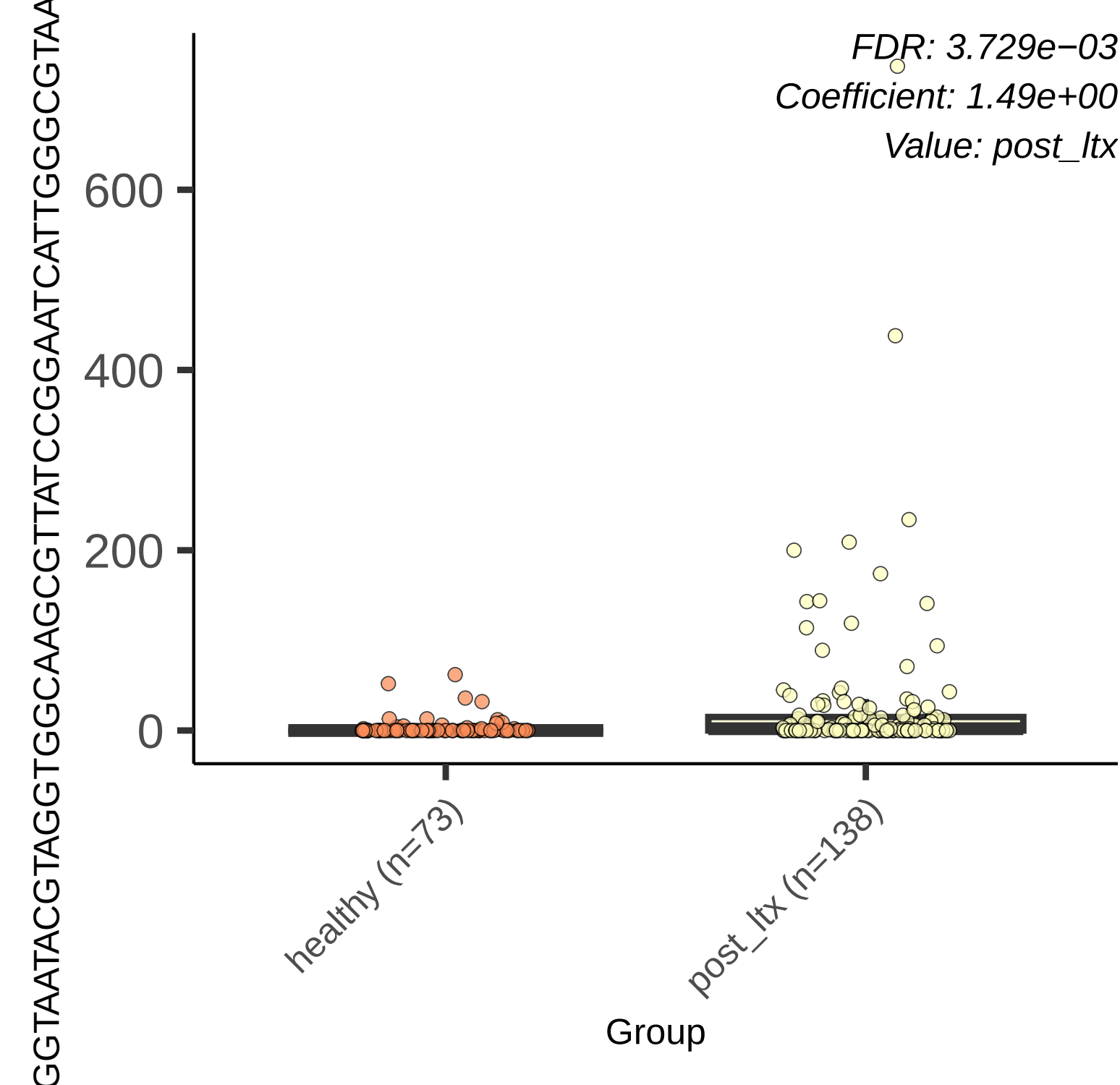

FDR: 3.671e−03
Coefficient: −1.26e+00
Value: post_ltx
600
400
200
0
healthy (n=73)
post_ltx (n=138)
Group
CGGATTTACTGGGTGTAAAGGGAGCGTAGACGGCGACGCAAGTC

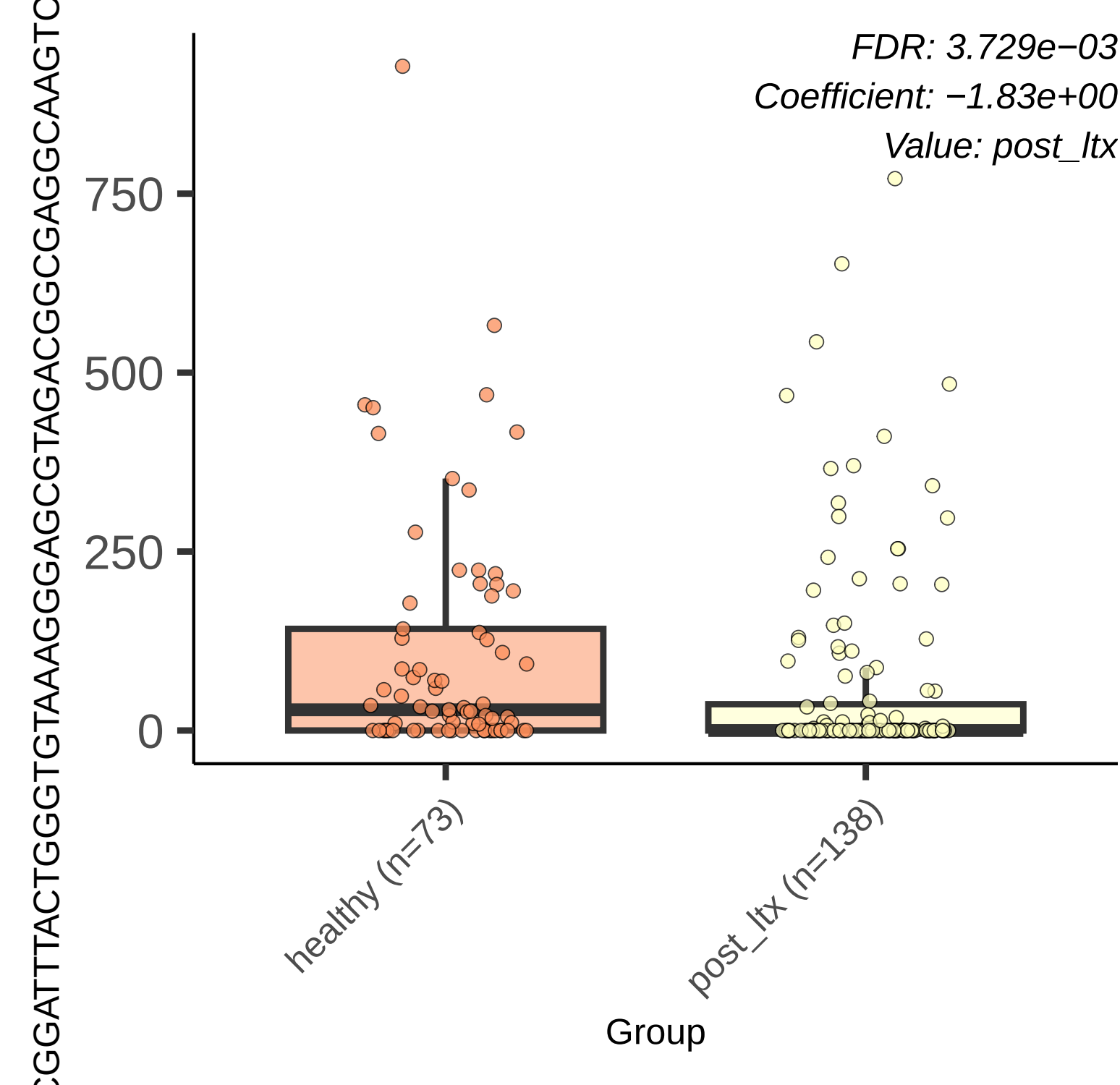

FDR: 3.716e−03
Coefficient: 1.57e+00
Value: post_ltx
600
400
200
0
healthy (n=73)
post_ltx (n=138)
Group
CGGATTTACTGGGTGTAAAGGGAGCGTAGACGGTAAAGCAAGTC

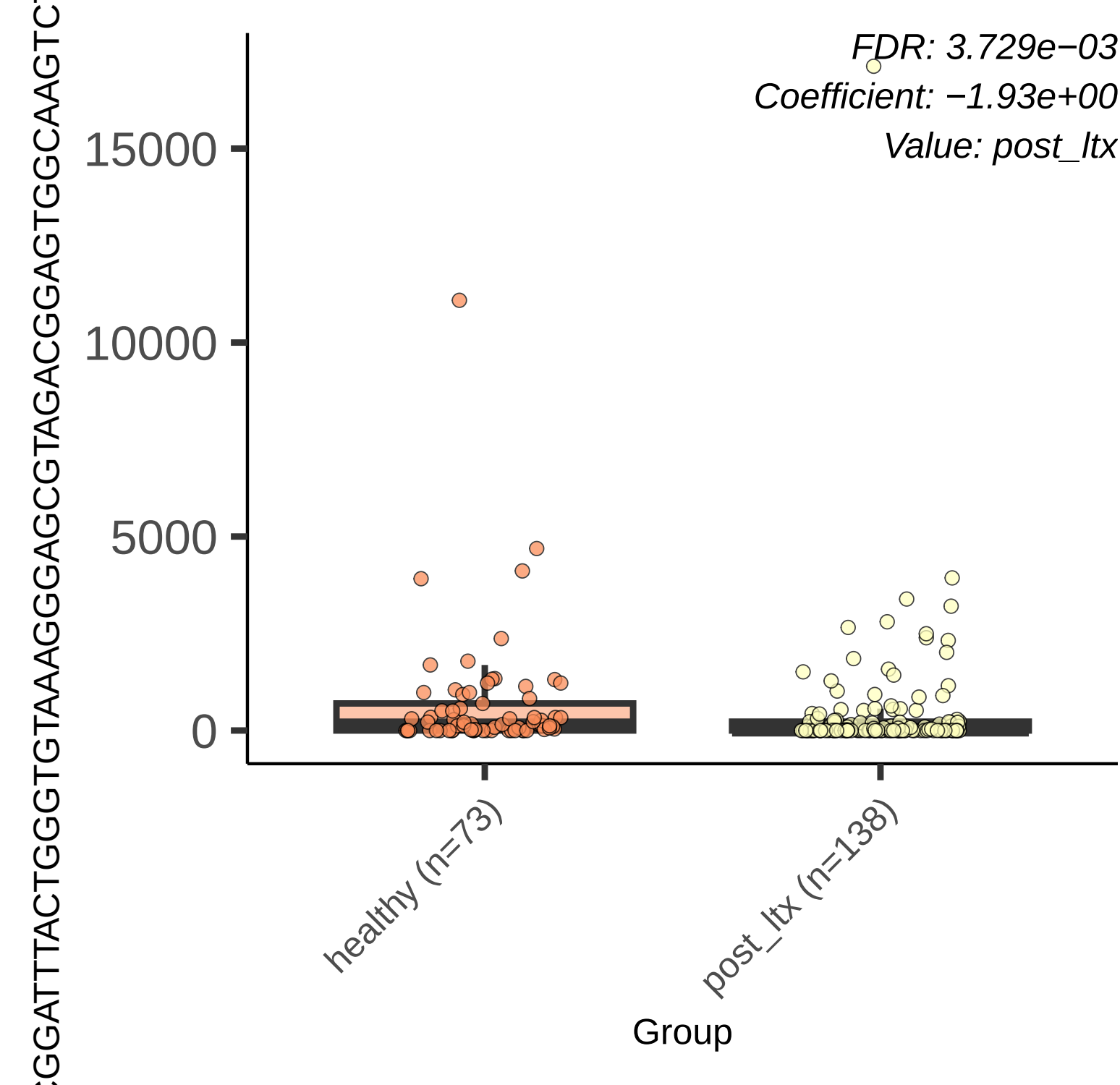

FDR: 3.716e−03
Coefficient: −1.60e+00
Value: post_ltx
150
100
50
0
healthy (n=73)
post_ltx (n=138)
Group
GGATTTACTGGGTGTAAAGGGAGCGTAGACGGCTTTGCAAGTC

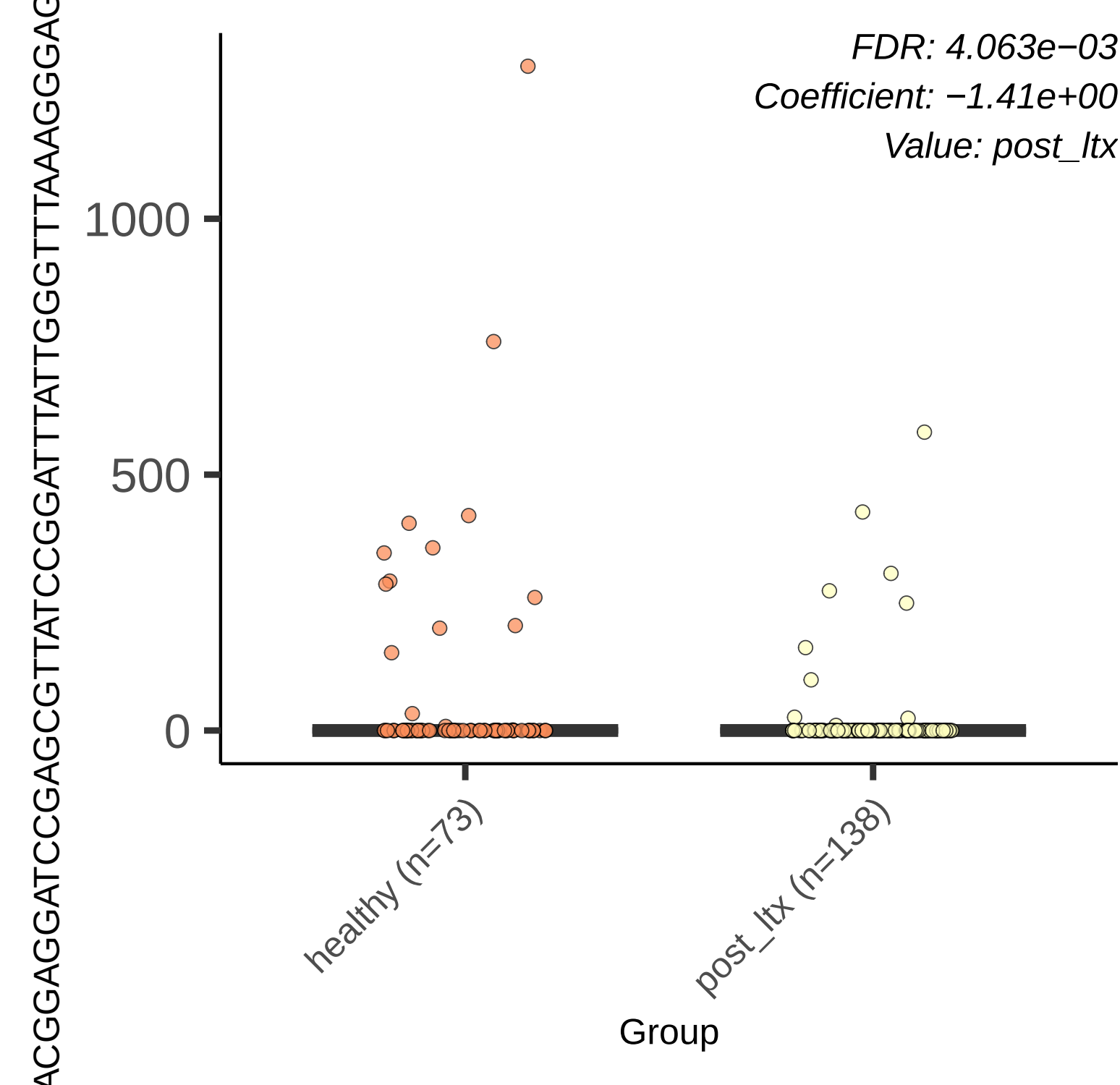

FDR: 3.716e−03
Coefficient: 1.42e+00
Value: post_ltx
750
500
250
0
healthy (n=73)
post_ltx (n=138)
Group
CGGTAATACGTAGGTGGCAAGCGTTGTCCGGAATTATTGGGCGTA

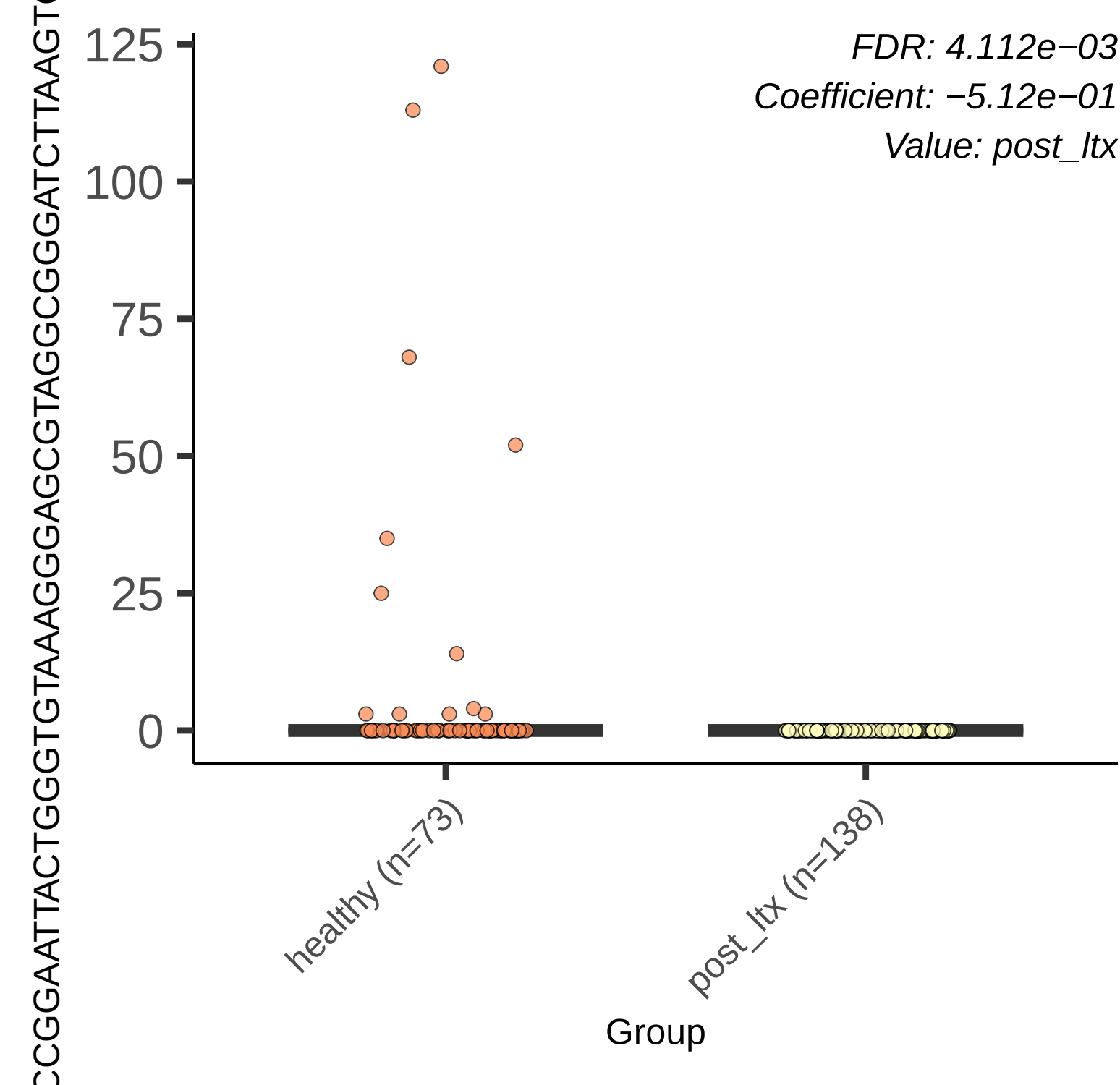

FDR: 3.719e−03
Coefficient: −3.61e−01
Value: post_ltx
15
10
5
0
healthy (n=73)
post_ltx (n=138)
Group
GTCCGGAATTACTGGGTGTAAAGGGCGTGTAGGCGGAGCTGCA

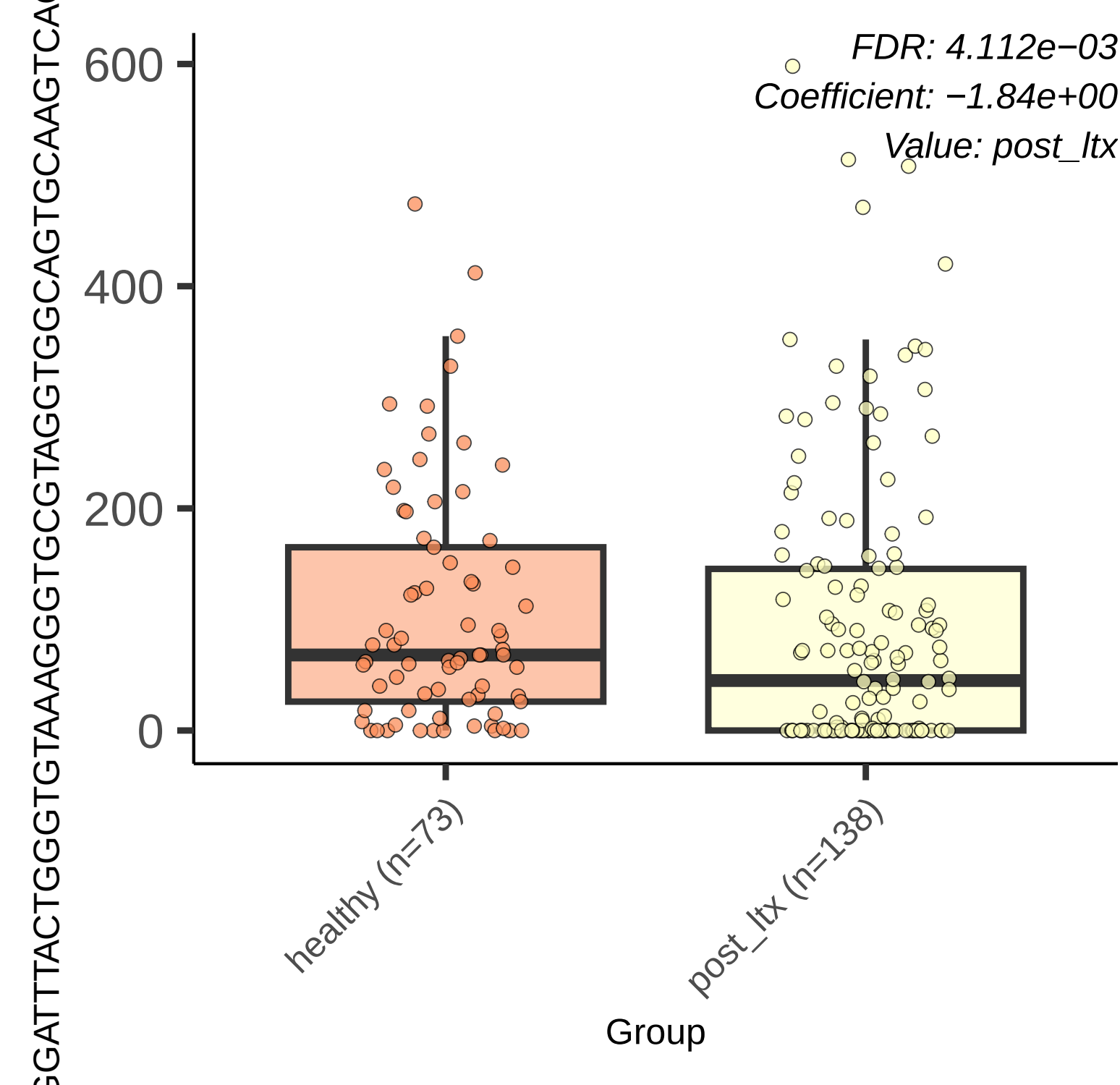

FDR: 3.729e−03
Coefficient: 1.49e+00
Value: post_ltx
600
400
200
0
healthy (n=73)
post_ltx (n=138)
Group
GGTAATACGTAGGTGGCAAGCGTTATCCGGAATCATTGGGCGTAA


FDR: 3.729e−03
Coefficient: −1.83e+00
Value: post_ltx
750
500
250
0
healthy (n=73)
post_ltx (n=138)
Group
CGGATTTACTGGGTGTAAAGGGAGCGTAGACGGCGAGGCAAGTC


FDR: 3.729e−03
Coefficient: −1.93e+00
Value: post_ltx
15000
10000
5000
0
healthy (n=73)
post_ltx (n=138)
Group
GGATTTACTGGGTGTAAAGGGAGCGTAGACGGAGTGGCAAGTC


FDR: 4.063e−03
Coefficient: −1.41e+00
Value: post_ltx
1000
500
0
healthy (n=73)
post_ltx (n=138)
Group
ACGGAGGATCCGAGCGTTATCCGGATTTATTGGGTTTAAAGGGAG


FDR: 4.112e−03
Coefficient: −5.12e−01
Value: post_ltx
125
100
75
50
25
0
healthy (n=73)
post_ltx (n=138)
Group
CCGGAATTACTGGGTGTAAAGGGAGCGTAGGCGGGATCTTAAGT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Coefficient: −1.84e+00
Value: post_ltx
600
400
200
0
healthy (n=73)
post_ltx (n=138)
Group
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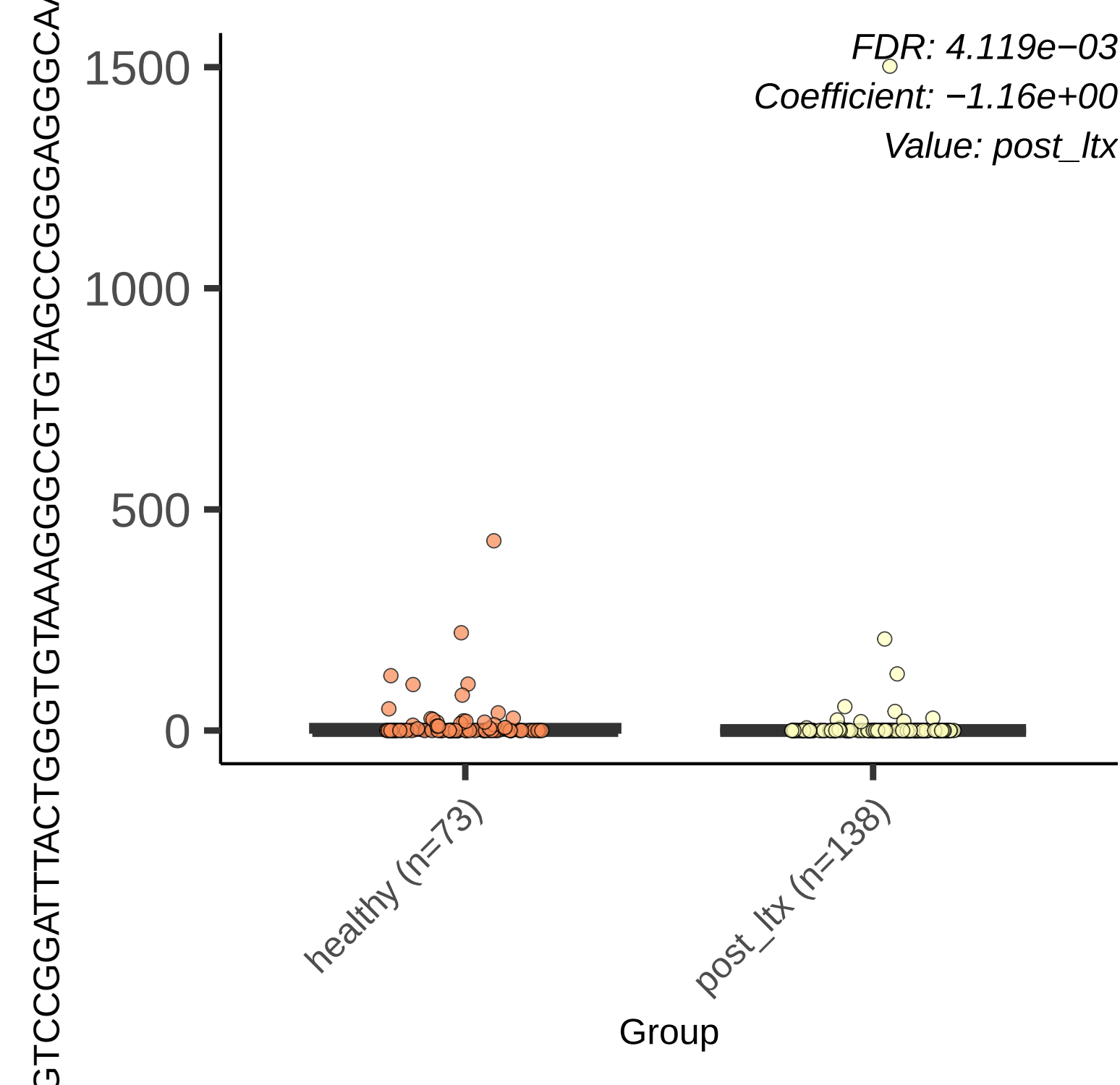
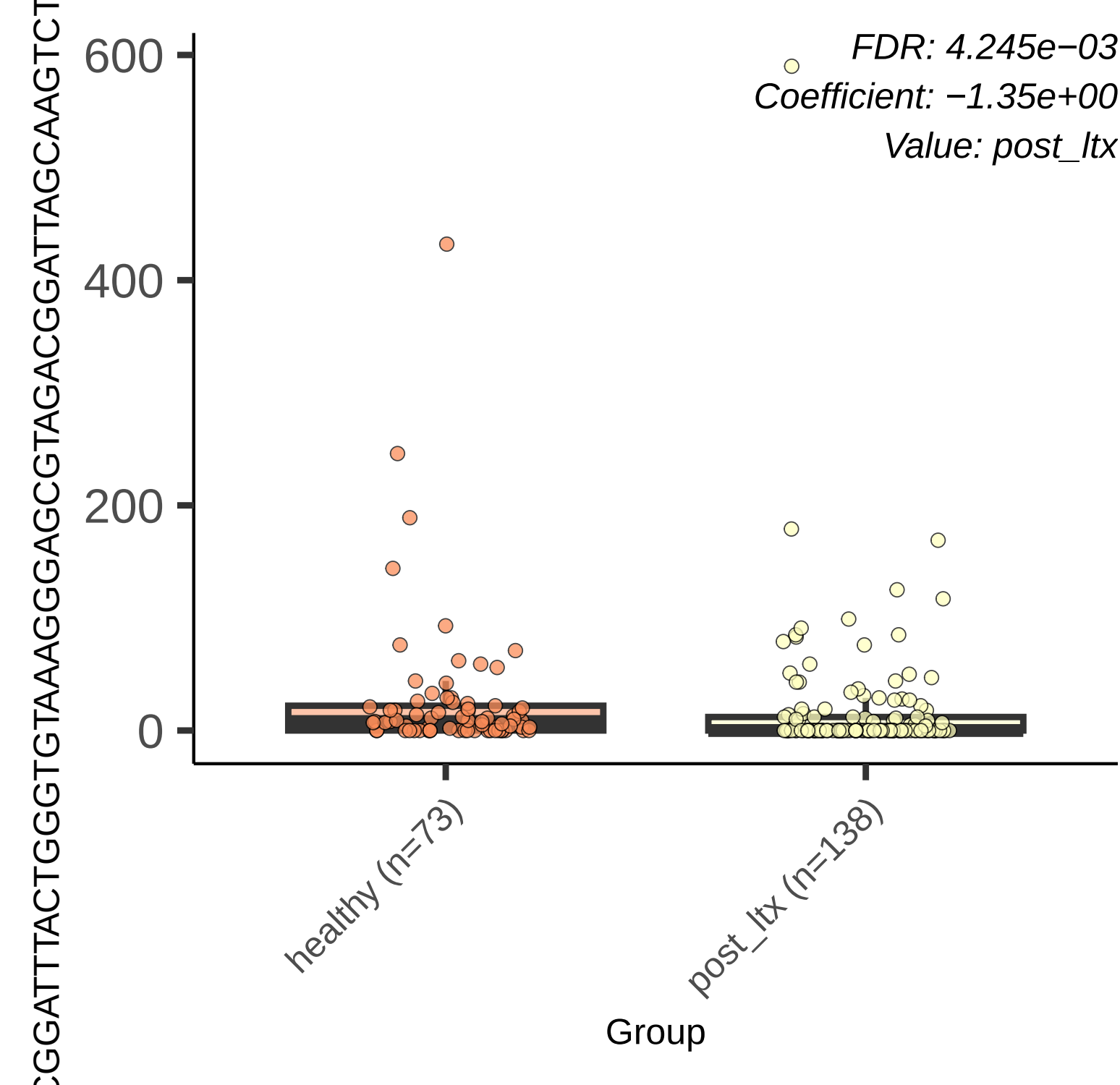
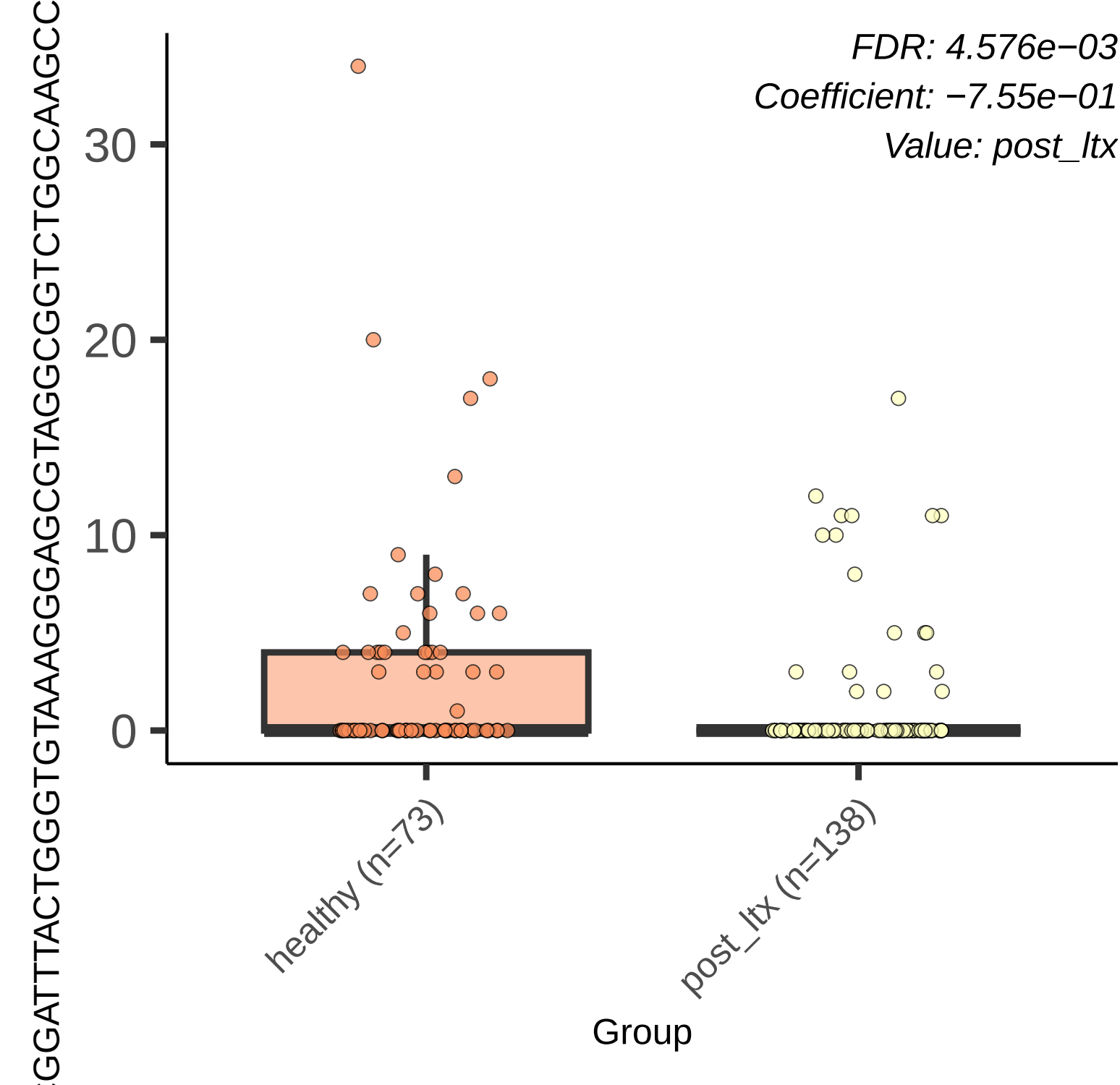
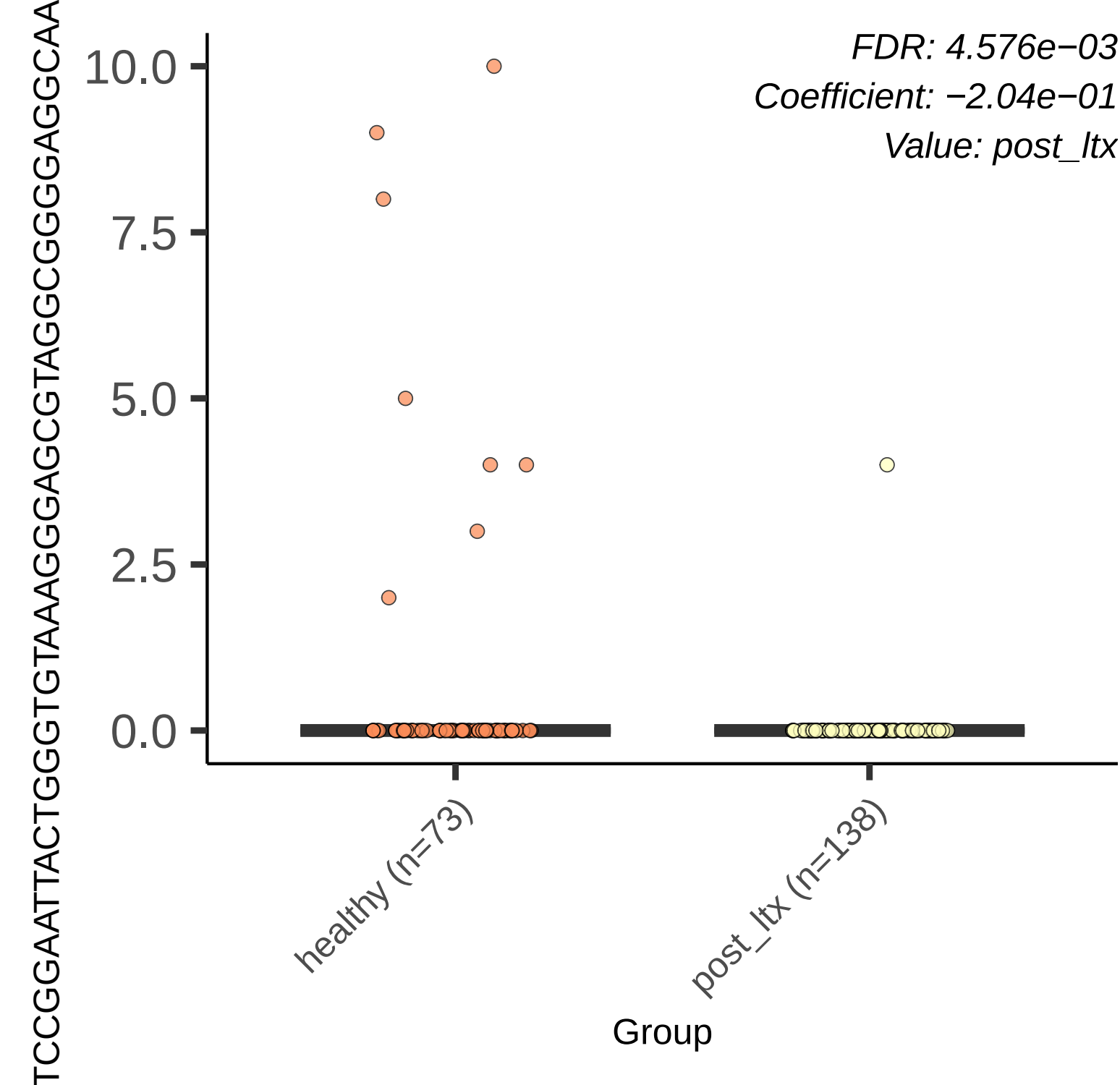
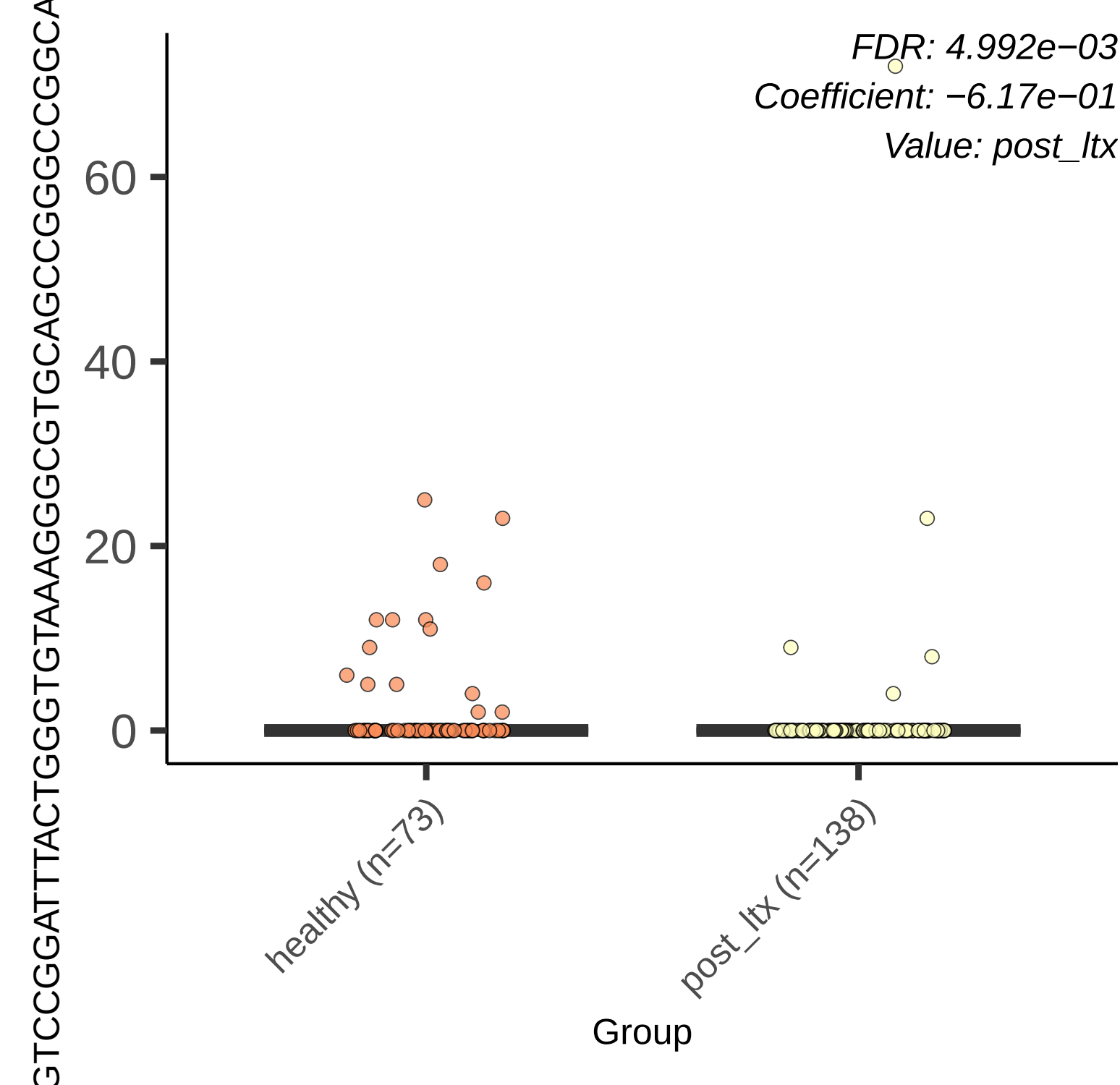
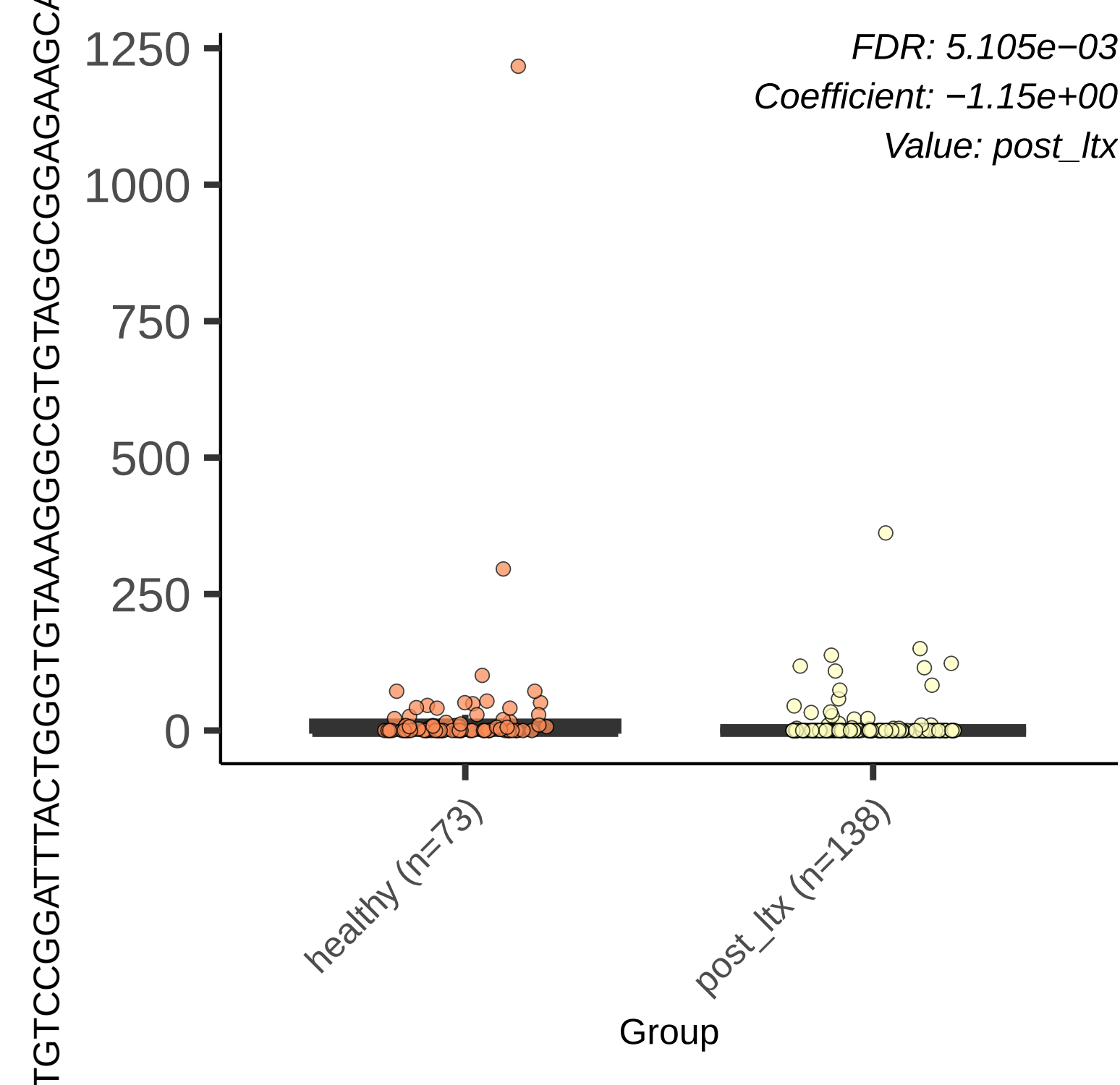

FDR: 4.119e−03
Coefficient: −1.16e+00
Value: post_ltx
1500
1000
500
0
healthy (n=73)
post_ltx (n=138)
Group
GTCCGGATTTACTGGGTGTAAAGGGCGTGTAGCCGGGAGGGCA

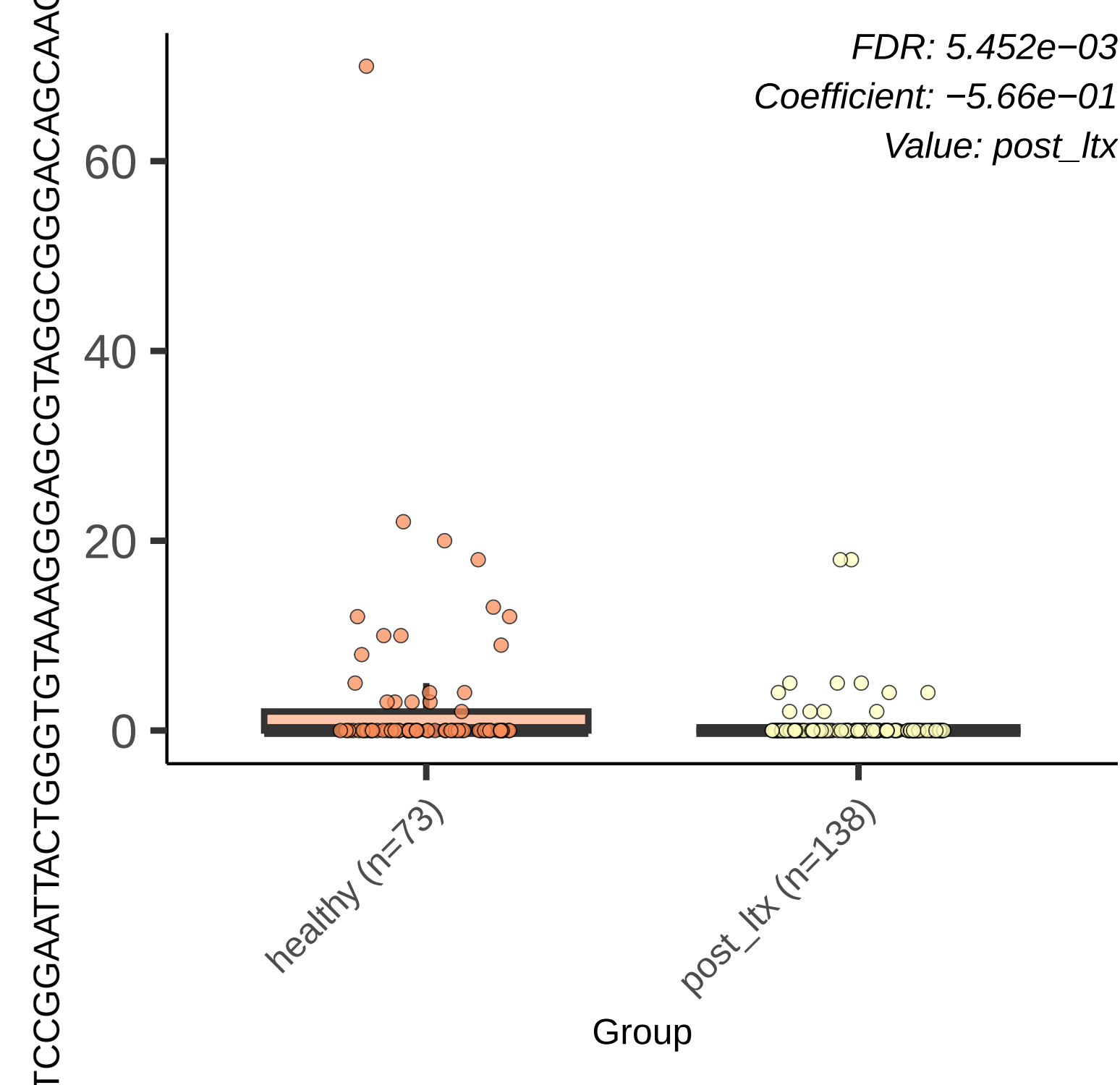

FDR: 4.245e−03
Coefficient: −1.35e+00
Value: post_ltx
600
400
200
0
healthy (n=73)
post_ltx (n=138)
Group
CGGATTTACTGGGTGTAAAGGGAGCGTAGACGGATTAGCAAGTCT


FDR: 4.576e−03
Coefficient: −7.55e−01
Value: post_ltx
30
20
10
0
healthy (n=73)
post_ltx (n=138)
Group
GGATTTACTGGGTGTAAAGGGAGCGTAGGCGGTCTGGCAAGCC


TCCGGAATTACTGGGTGTAAAGGGAGCGTAGGCGGGGGAGGCAA
10.0
7.5
5.0
2.5
0.0
FDR: 4.576e−03
Coefficient: −2.04e−01
Value: post_ltx
healthy (n=73)
post_ltx (n=138)
Group


FDR: 4.992e−03
Coefficient: −6.17e−01
Value: post_ltx
60
40
20
0
healthy (n=73)
post_ltx (n=138)
Group
GTCCGGATTTACTGGGTGTAAAGGGCGTGCAGCCCGGGCCGGCA


TGTCCGGATTTACTGGGTGTAAAGGGCGTGTAGGCGGAGAAGCA
1250
1000
750
500
250
0
FDR: 5.105e−03
Coefficient: −1.15e+00
Value: post_ltx
healthy (n=73)
post_ltx (n=138)
Group


FDR: 5.452e−03
Coefficient: −5.66e−01
Value: post_ltx
60
40
20
0
healthy (n=73)
post_ltx (n=138)
Group
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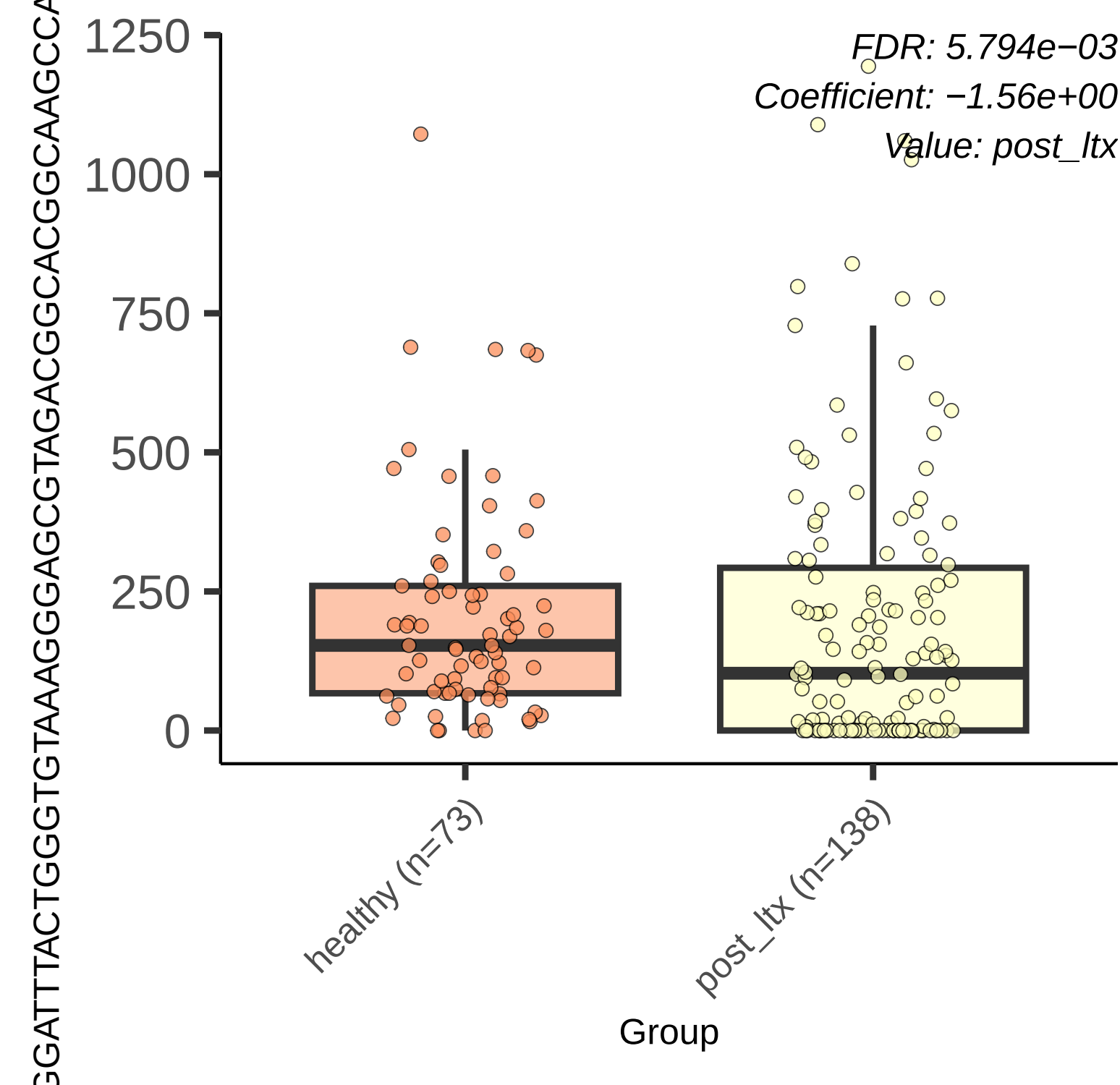
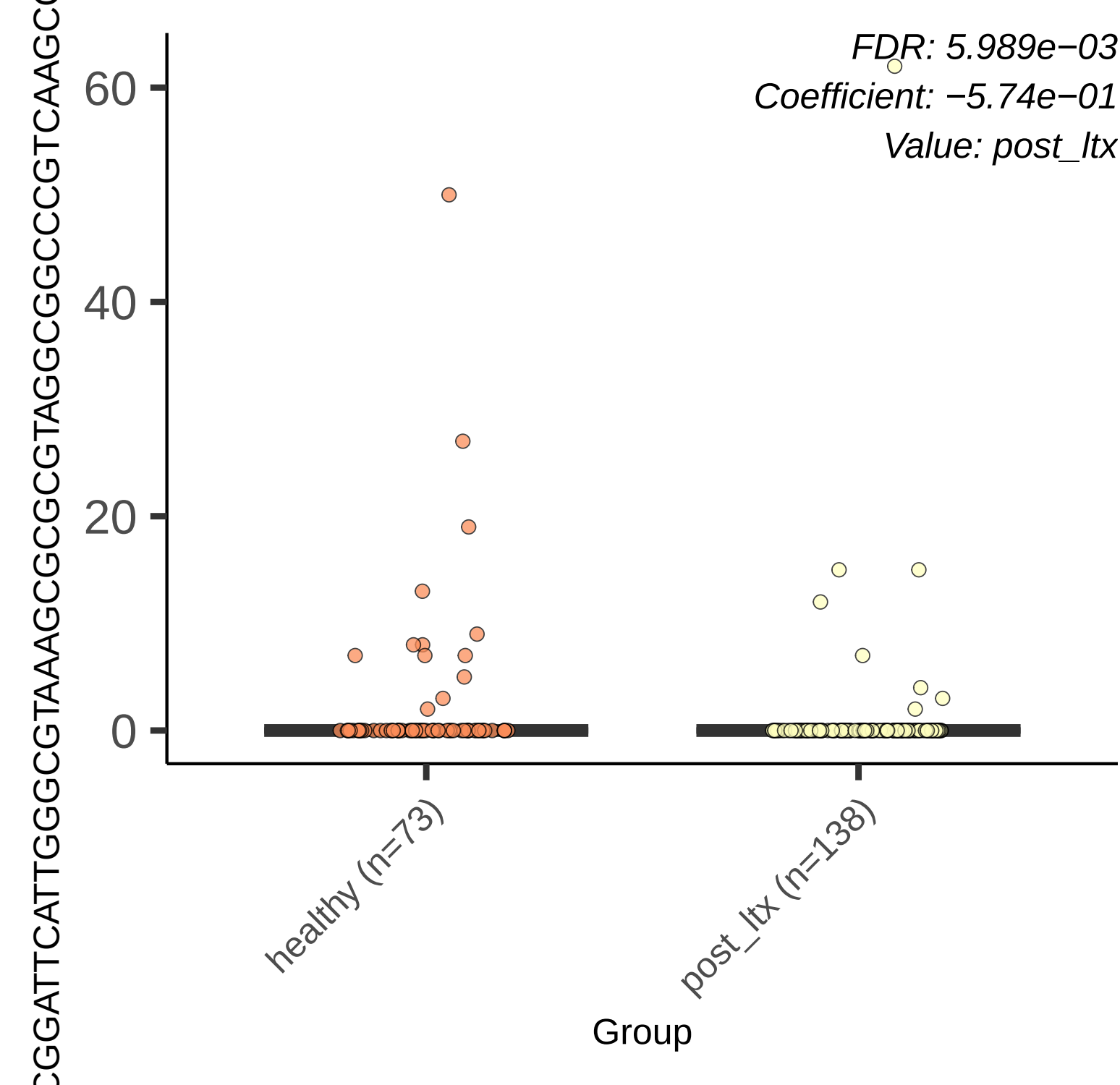
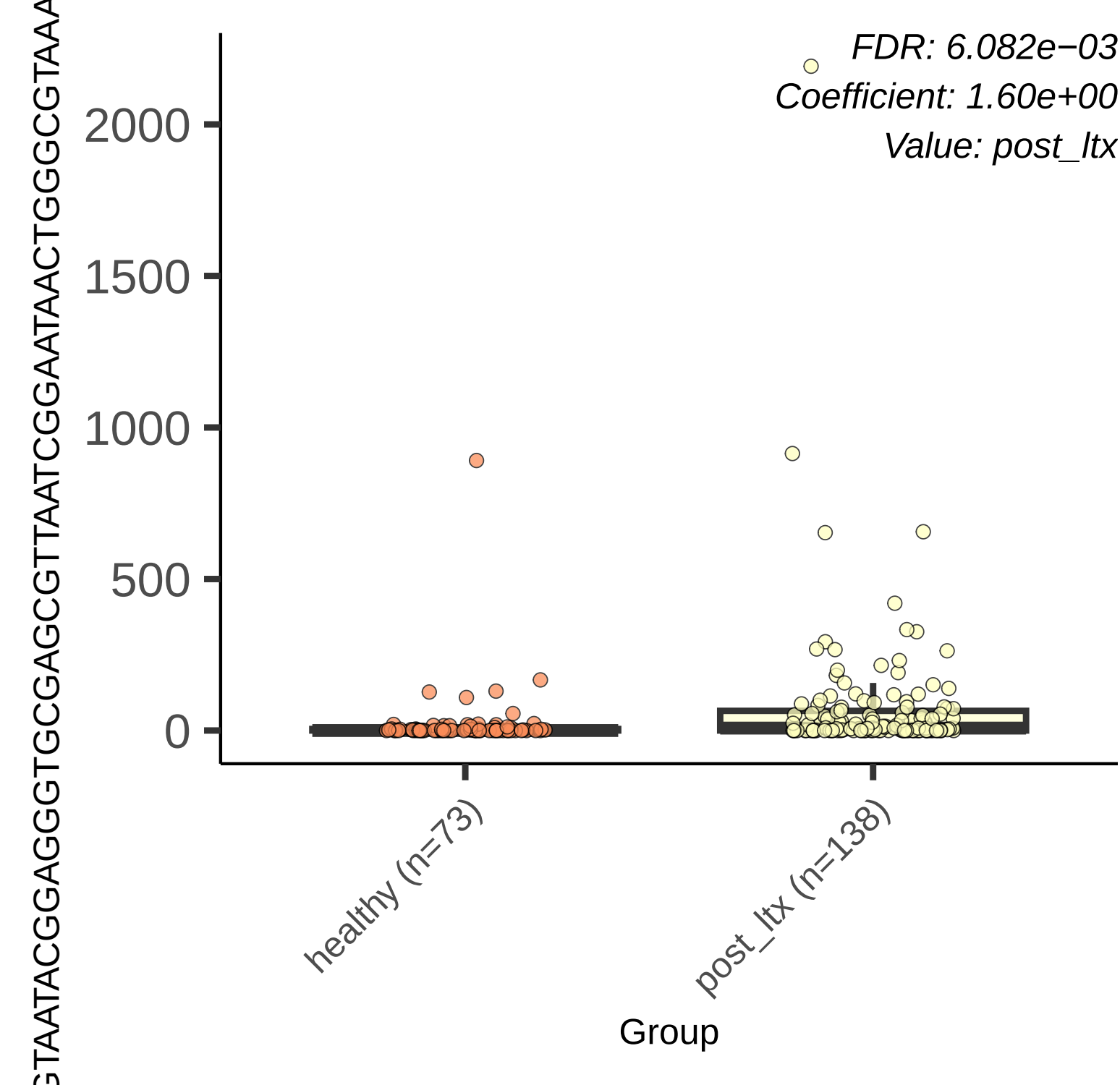
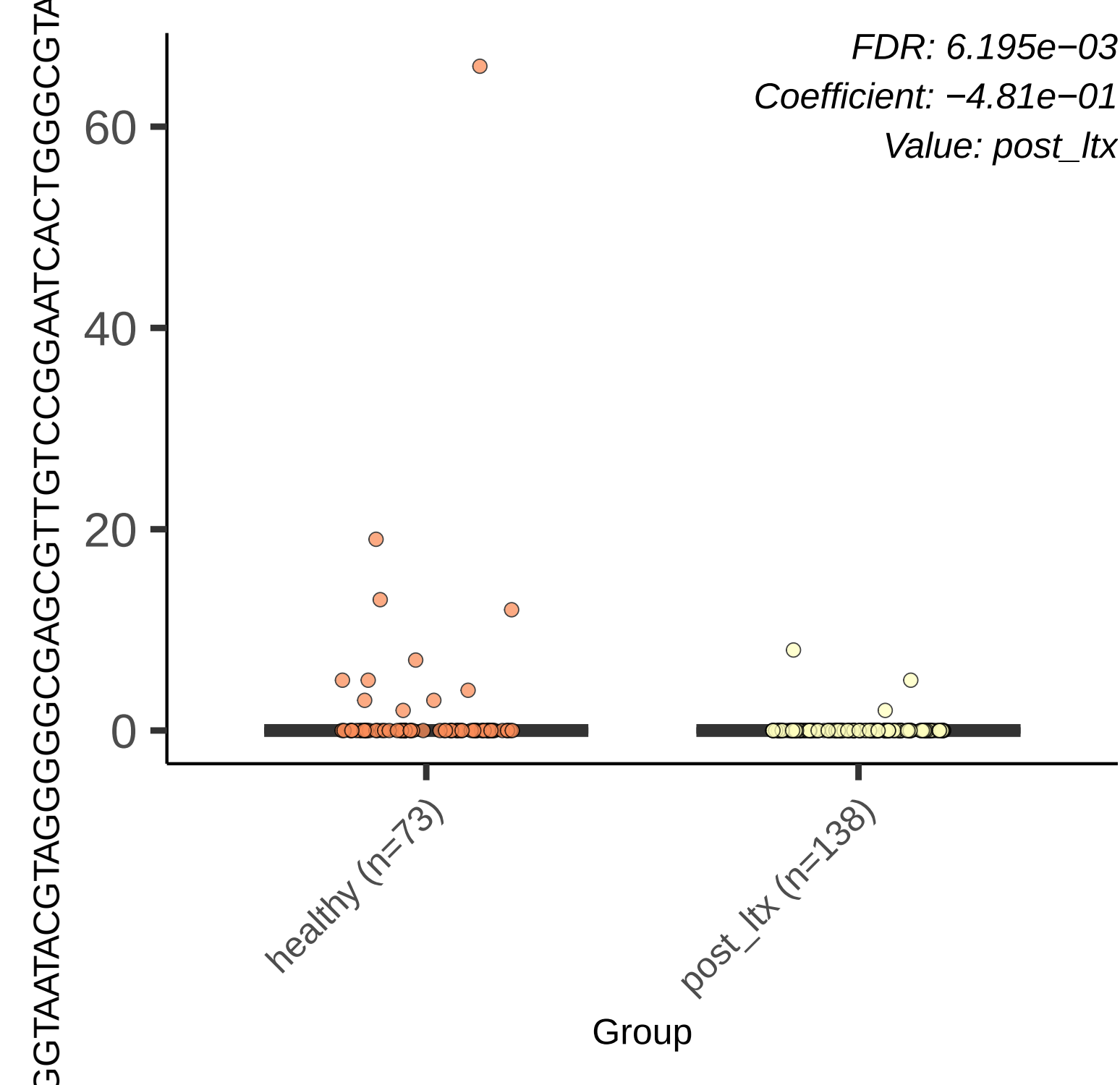
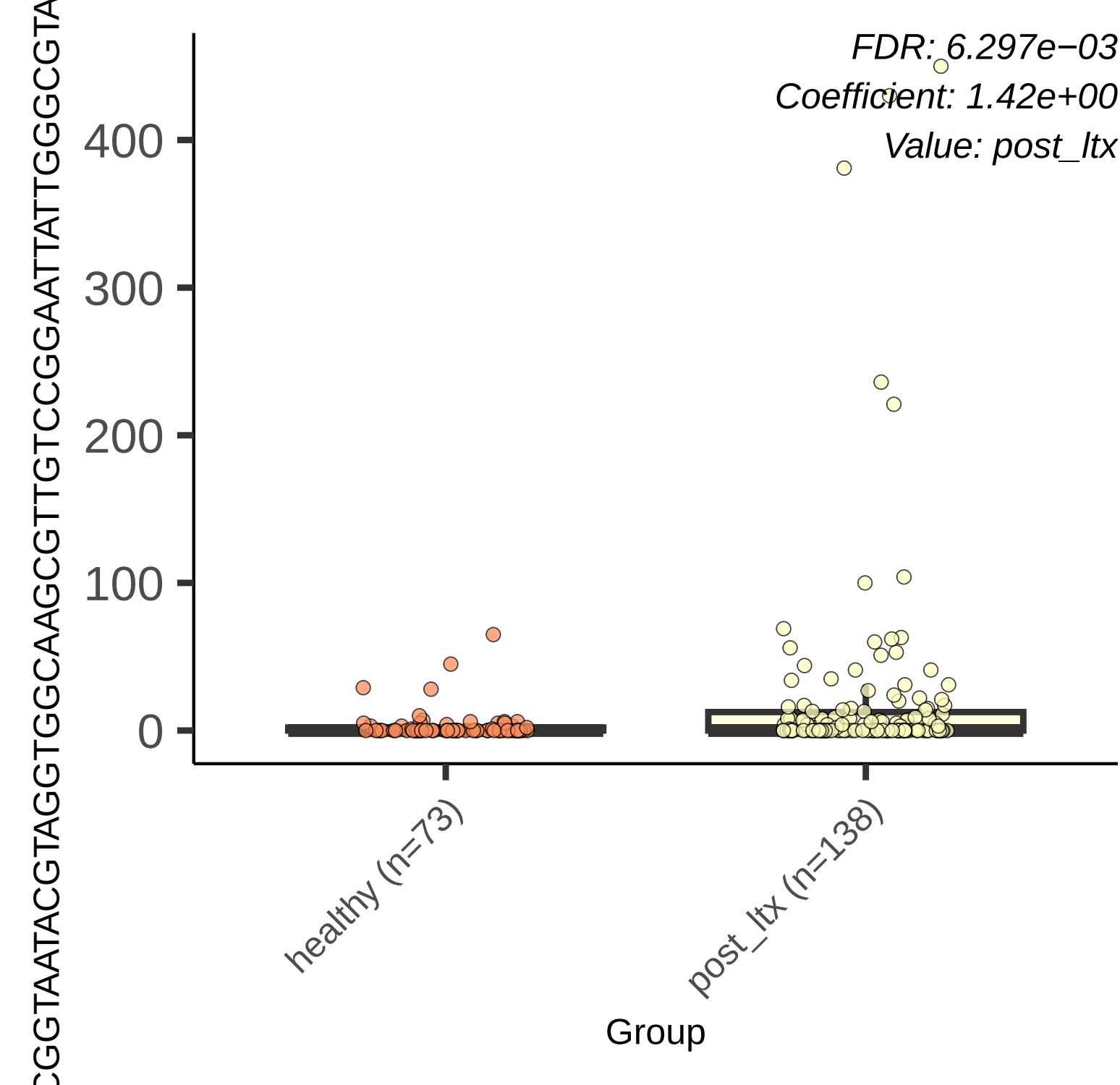
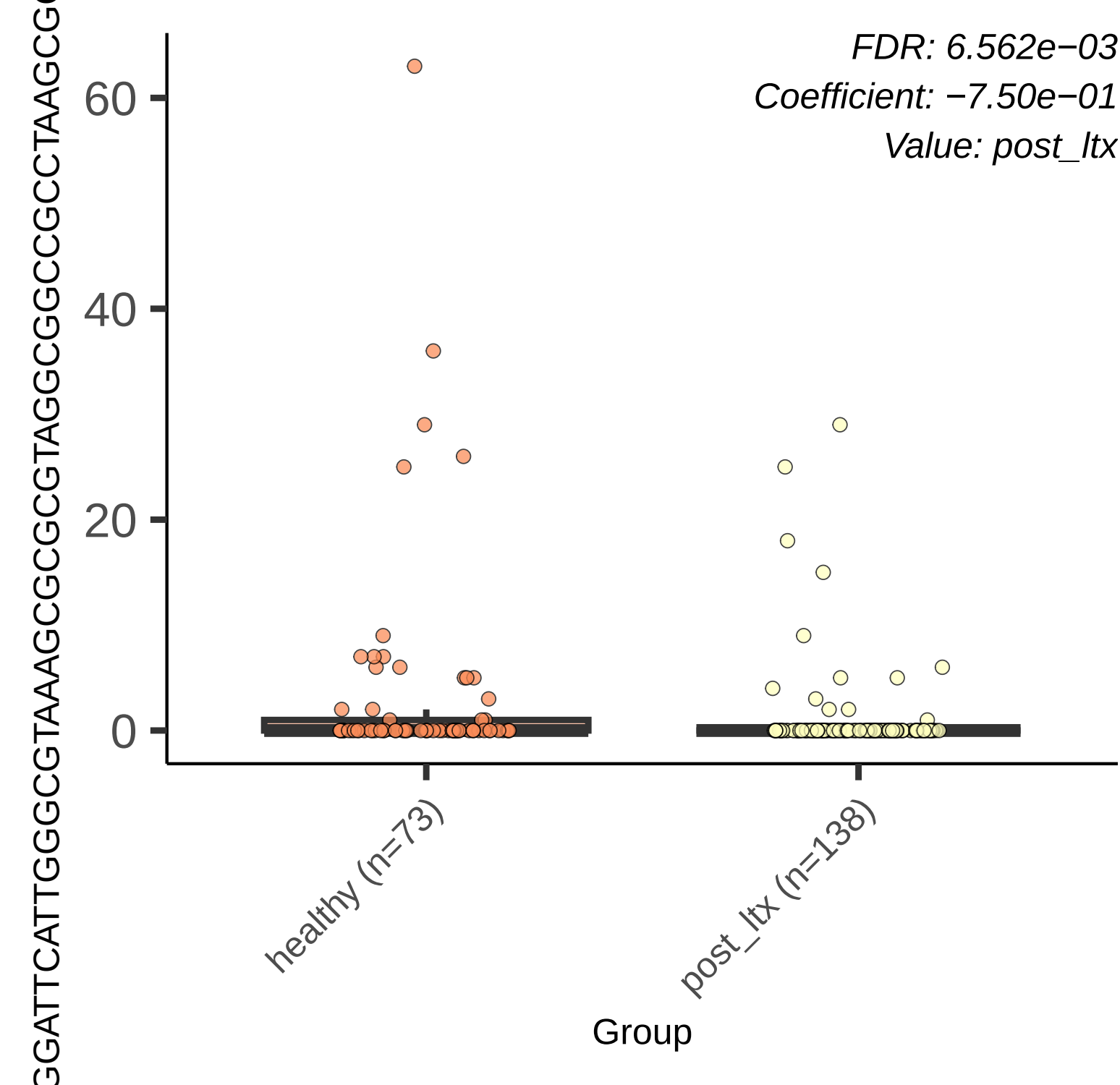

GGATTTACTGGGTGTAAAGGGAGCGTAGACGGCACGGCAAGCCA
1250
1000
750
500
250
0
FDR: 5.794e−03
Coefficient: −1.56e+00
Value: post_ltx
healthy (n=73)
post_ltx (n=138)
Group

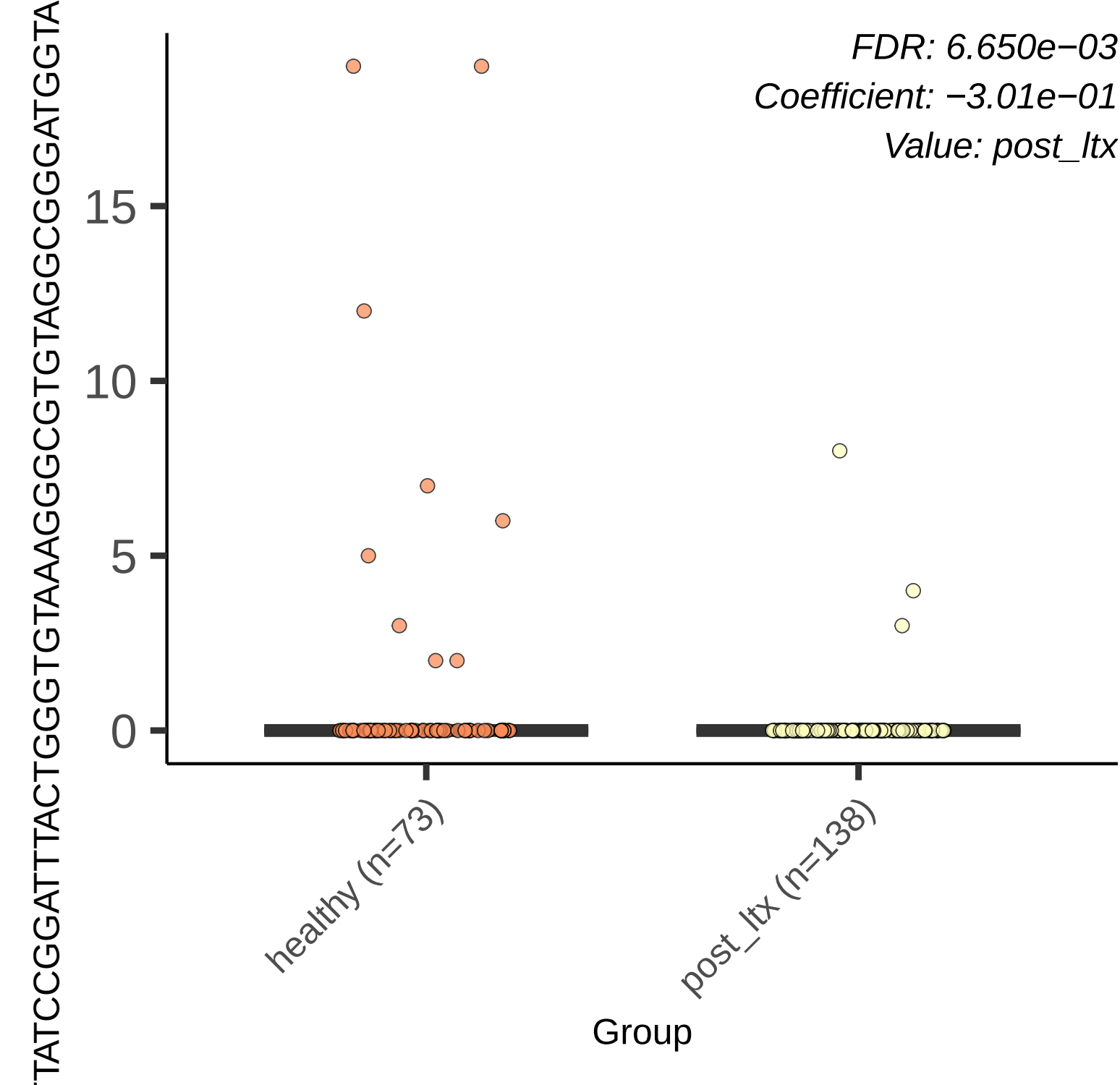

FDR: 5.989e−03
Coefficient: −5.74e−01
Value: post_ltx
60
40
20
0
healthy (n=73)
post_ltx (n=138)
Group
CGGATTCATTGGGCGTAAAGCGCGCGTAGGCGGCCCGTCAAGC

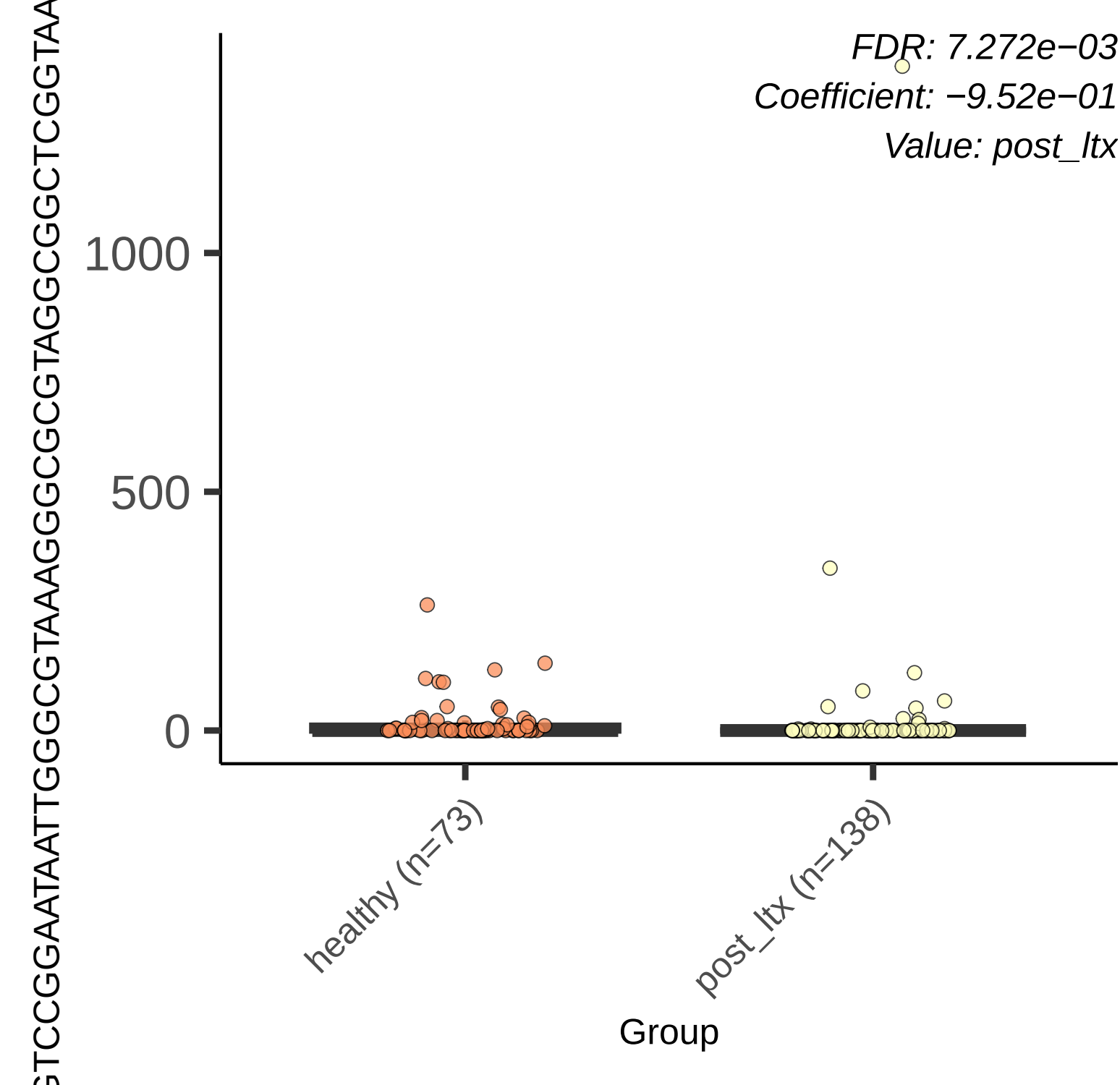

FDR: 6.082e−03
Coefficient: 1.60e+00
Value: post_ltx
2000
1500
1000
500
0
healthy (n=73)
post_ltx (n=138)
Group
GTAATACGGAGGGTGCGAGCGTTAATCGGAATAACTGGGCGTAAA

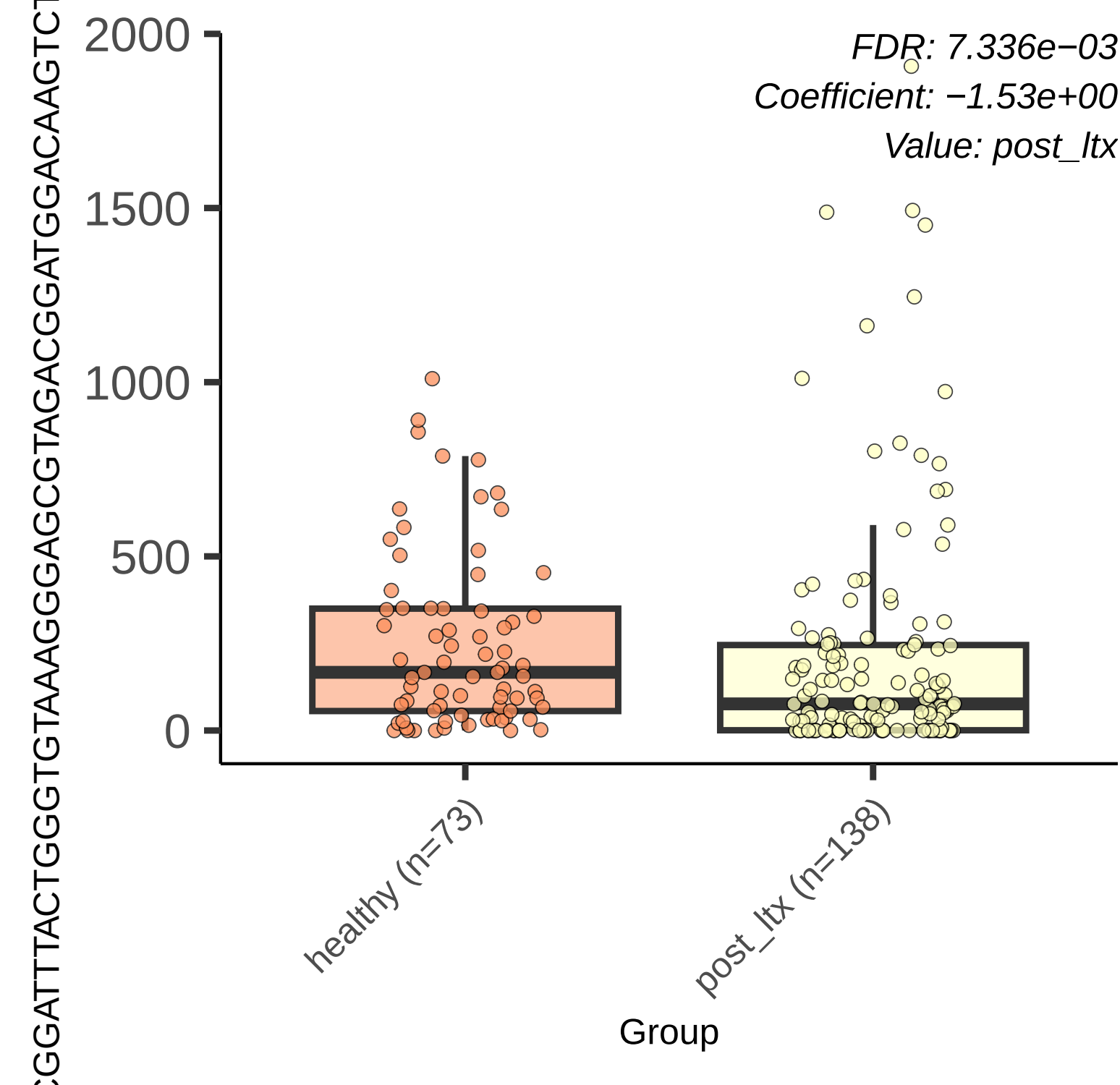

FDR: 6.195e−03
Coefficient: −4.81e−01
Value: post_ltx
60
40
20
0
healthy (n=73)
post_ltx (n=138)
Group
GGTAATACGTAGGGGGGCGAGCGTTGTCCGGAATCACTGGGCGTA

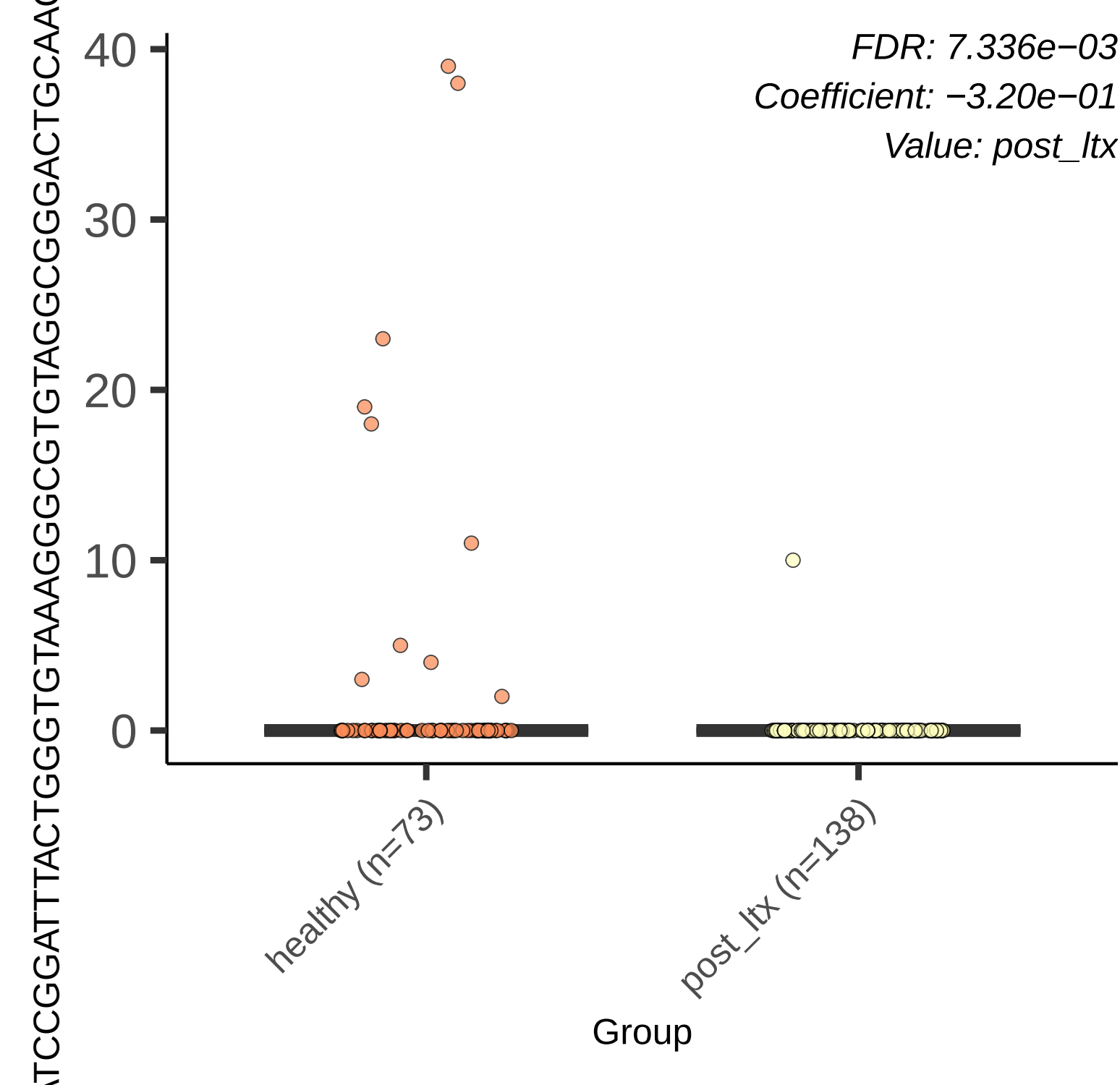

FDR: 6.297e−03
Coefficient: 1.42e+00
Value: post_ltx
400
300
200
100
0
healthy (n=73)
post_ltx (n=138)
Group
CGGTAATACGTAGGTGGCAAGCGTTGTCCGGAATTATTGGGCGTA

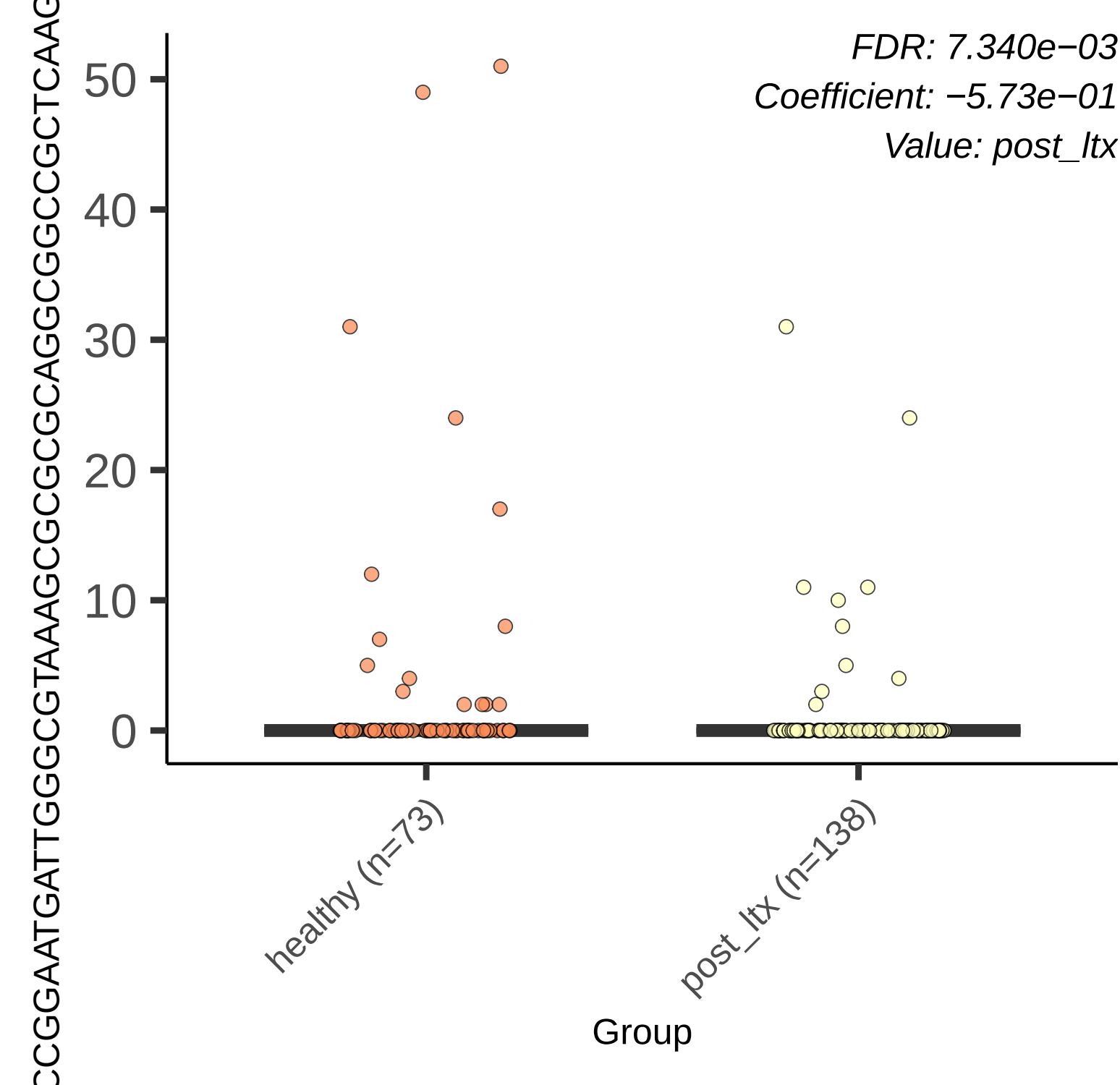

FDR: 6.562e−03
Coefficient: −7.50e−01
Value: post_ltx
60
40
20
0
healthy (n=73)
post_ltx (n=138)
Group
GGATTCATTGGGCGTAAAGCGCGCGTAGGCGGCCGCCTAAGCG

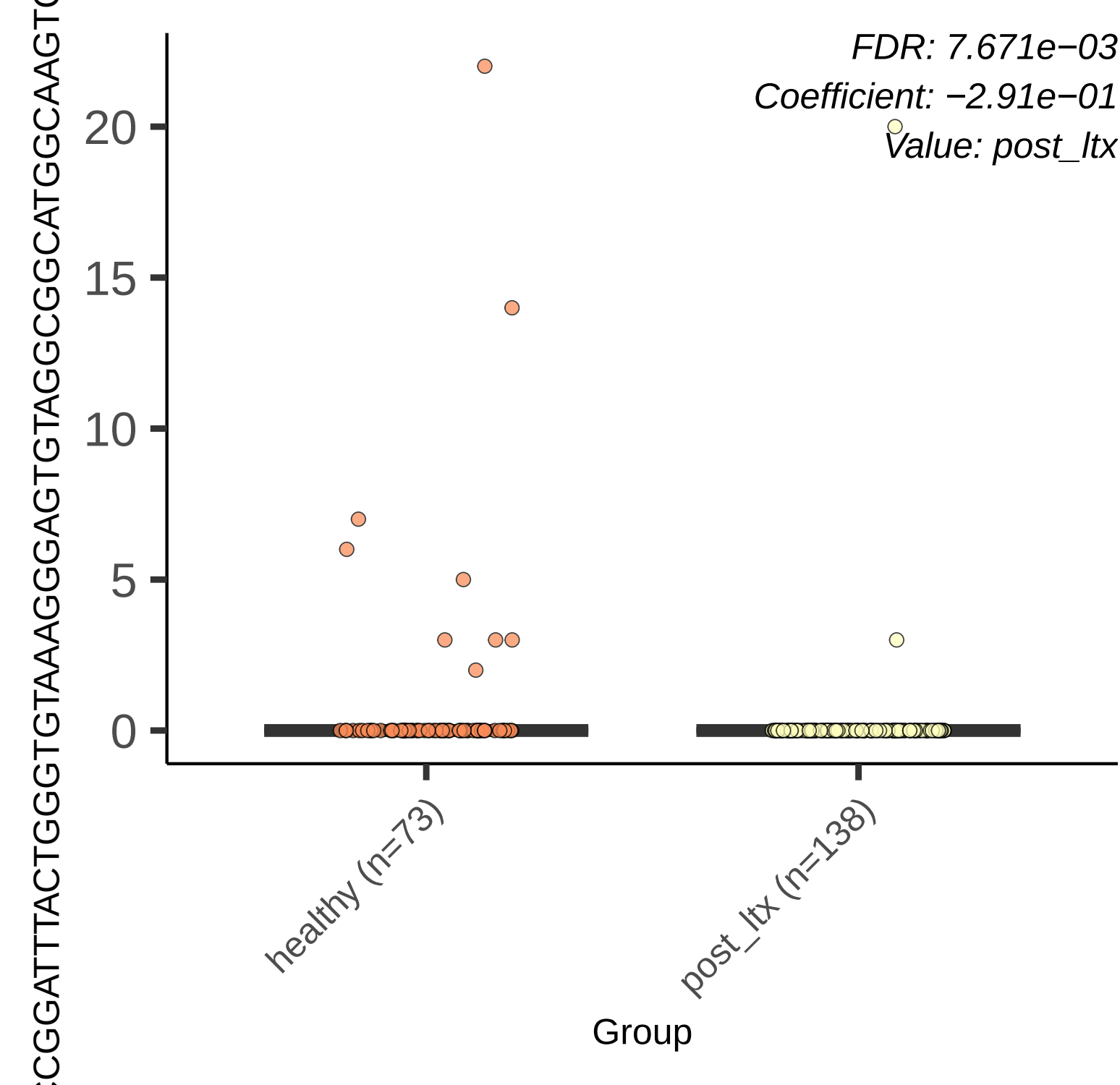

FDR: 6.650e−03
Coefficient: −3.01e−01
Value: post_ltx
15
10
5
0
healthy (n=73)
post_ltx (n=138)
Group
TATCCGGATTTACTGGGTGTAAAGGGCGTGTAGGCGGGATGGTA

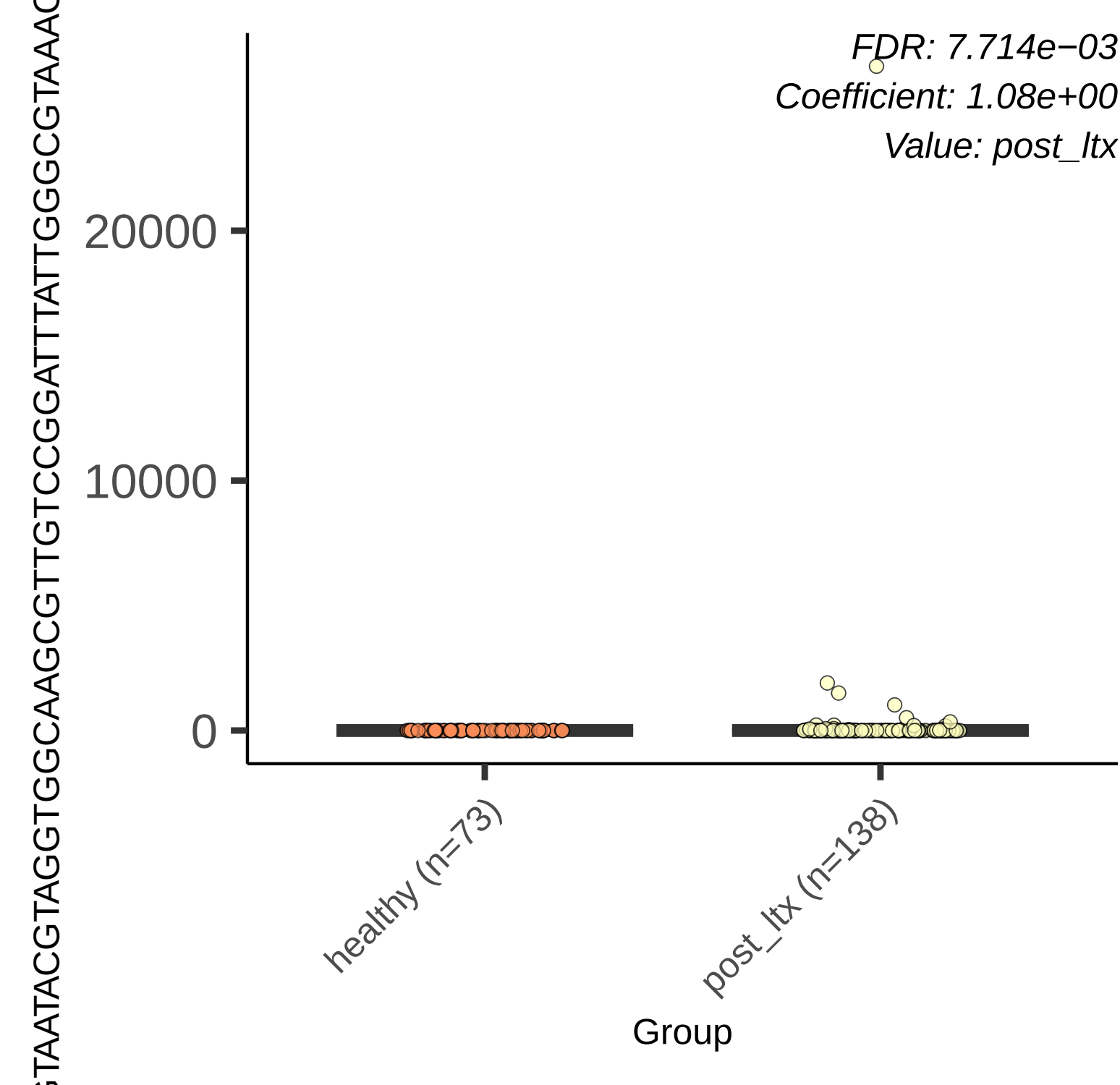

FDR: 7.272e−03
Coefficient: −9.52e−01
Value: post_ltx
1000
500
0
healthy (n=73)
post_ltx (n=138)
Group
TCCGGAATAATTGGGCGTAAAGGGCGCGTAGGCGGCTCGGTAA

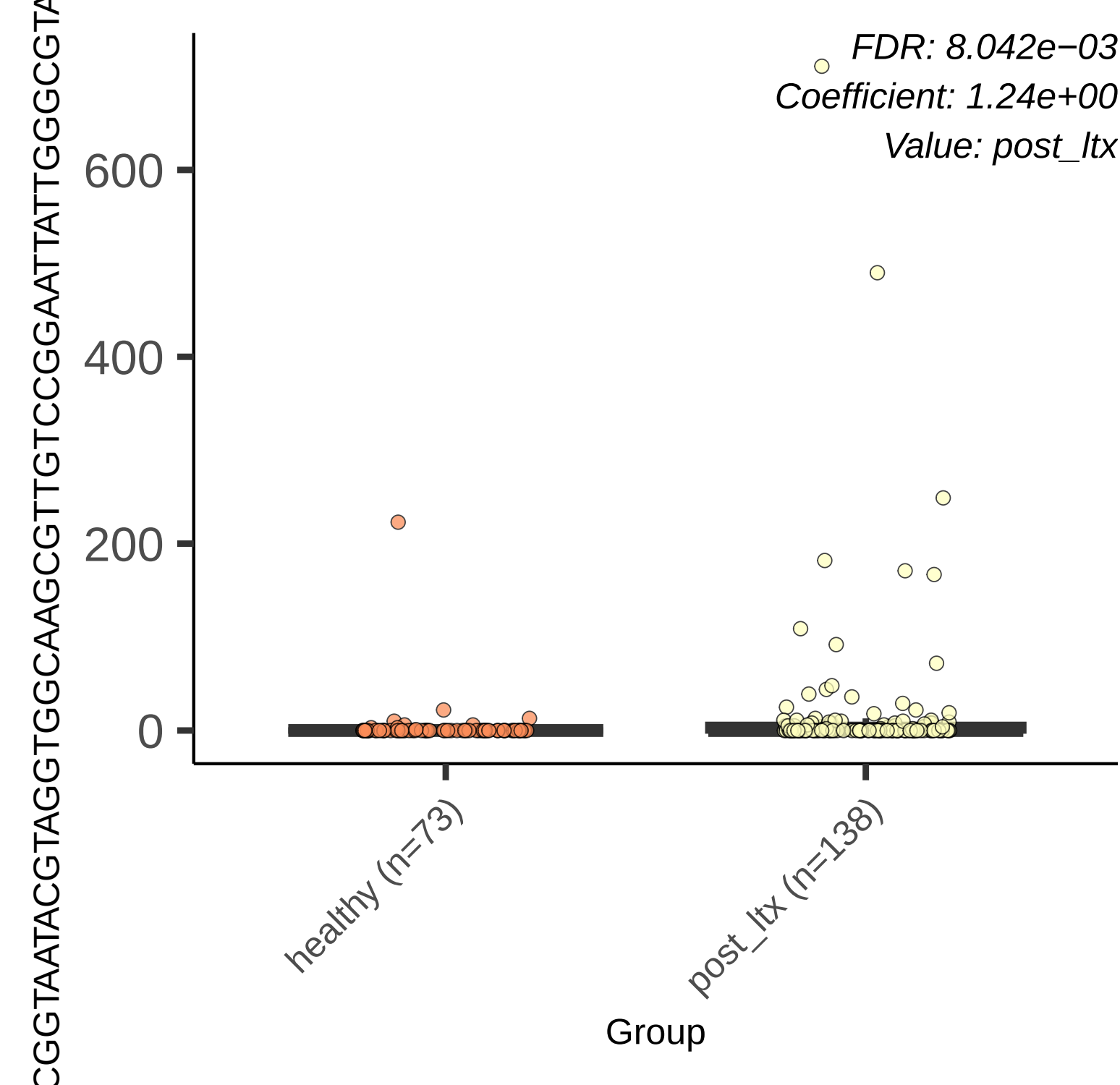

FDR: 7.336e−03
Coefficient: −1.53e+00
Value: post_ltx
2000
1500
1000
500
0
healthy (n=73)
post_ltx (n=138)
Group
CGGATTTACTGGGTGTAAAGGGAGCGTAGACGGATGGACAAGTC


FDR: 7.336e−03
Coefficient: −3.20e−01
Value: post_ltx
40
30
20
10
0
healthy (n=73)
post_ltx (n=138)
Group
TCCGGATTTACTGGGTGTAAAGGGCGTGTAGGCGGGACTGCAA


FDR: 7.340e−03
Coefficient: −5.73e−01
Value: post_ltx
50
40
30
20
10
0
healthy (n=73)
post_ltx (n=138)
Group
CCGGAATGATTGGGGCGTAAAGCGCGCGCAGGCGGCCGCTCAAG


FDR: 7.671e−03
Coefficient: −2.91e−01
Value: post_ltx
20
15
10
5
0
healthy (n=73)
post_ltx (n=138)
Group
CGGATTTACTGGGTGTAAAGGGAGTGTAGGCGGCATGGCAAGTC


FDR: 7.714e−03
Coefficient: 1.08e+00
Value: post_ltx
20000
10000
0
healthy (n=73)
post_ltx (n=138)
Group
TAATACGTAGGTGGCAAGCGTTGTCCGGATTTATTGGGCGTAAAG


FDR: 8.042e−03
Coefficient: 1.24e+00
Value: post_ltx
600
400
200
0
healthy (n=73)
post_ltx (n=138)
Group
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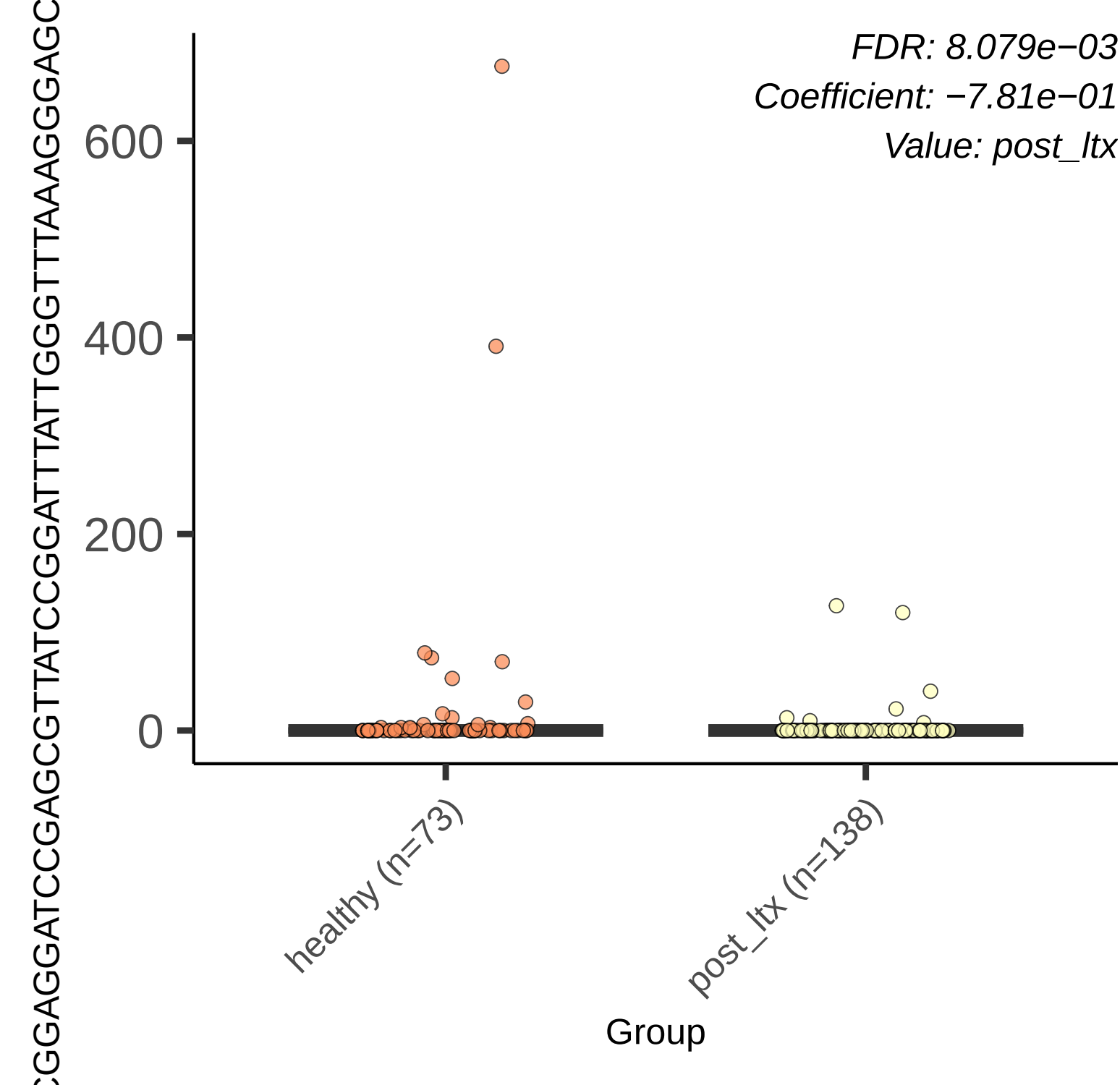
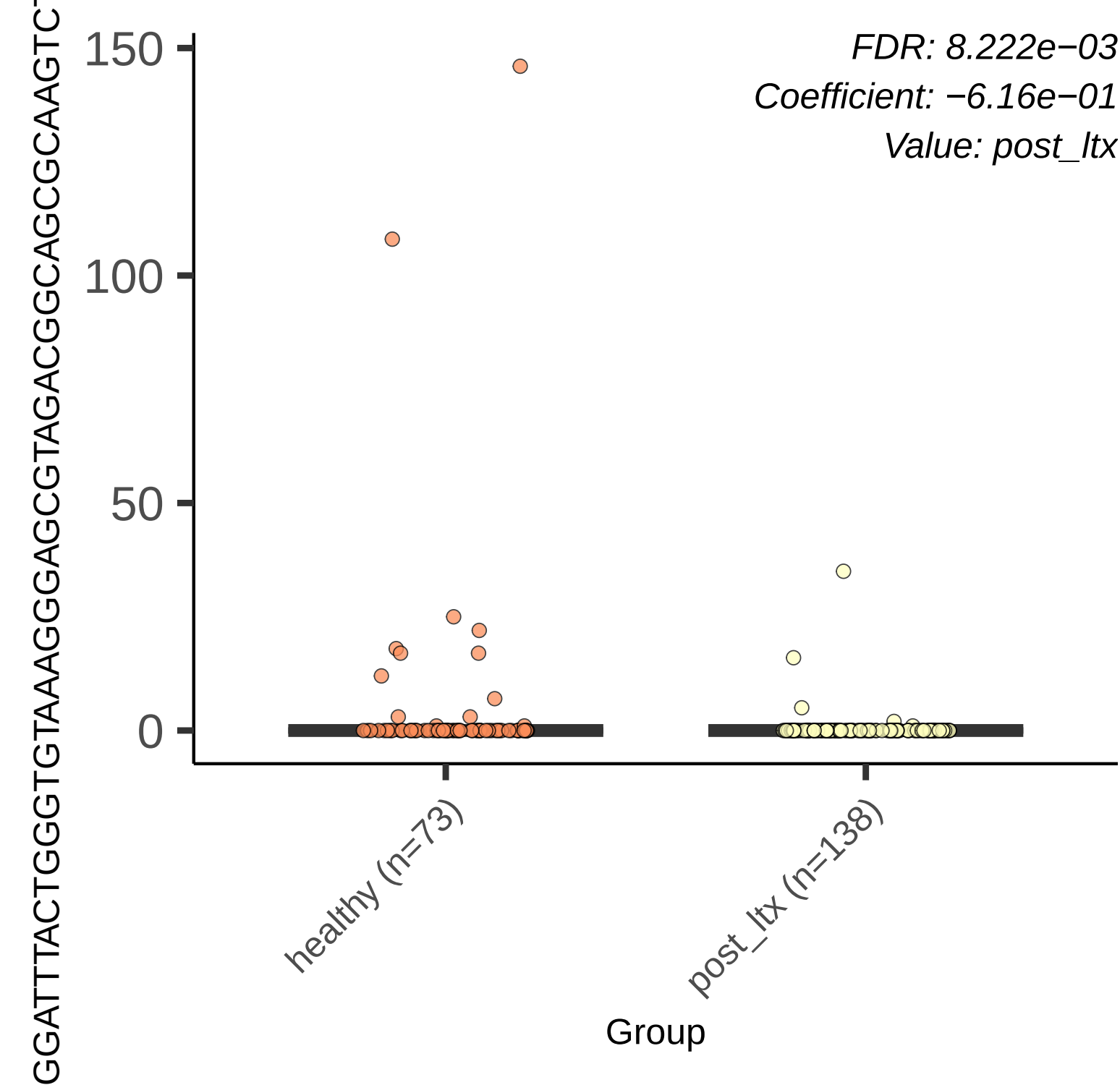
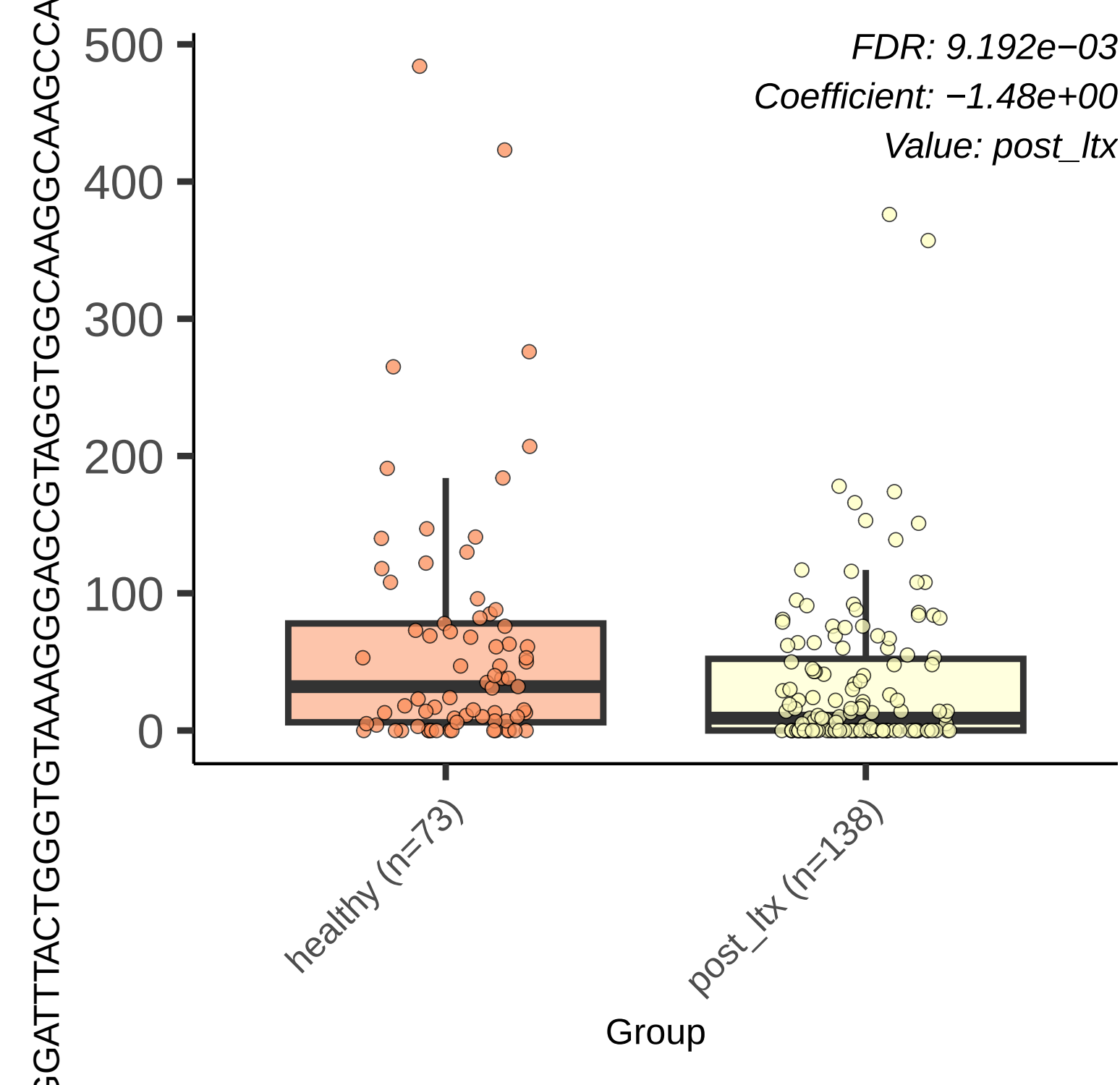
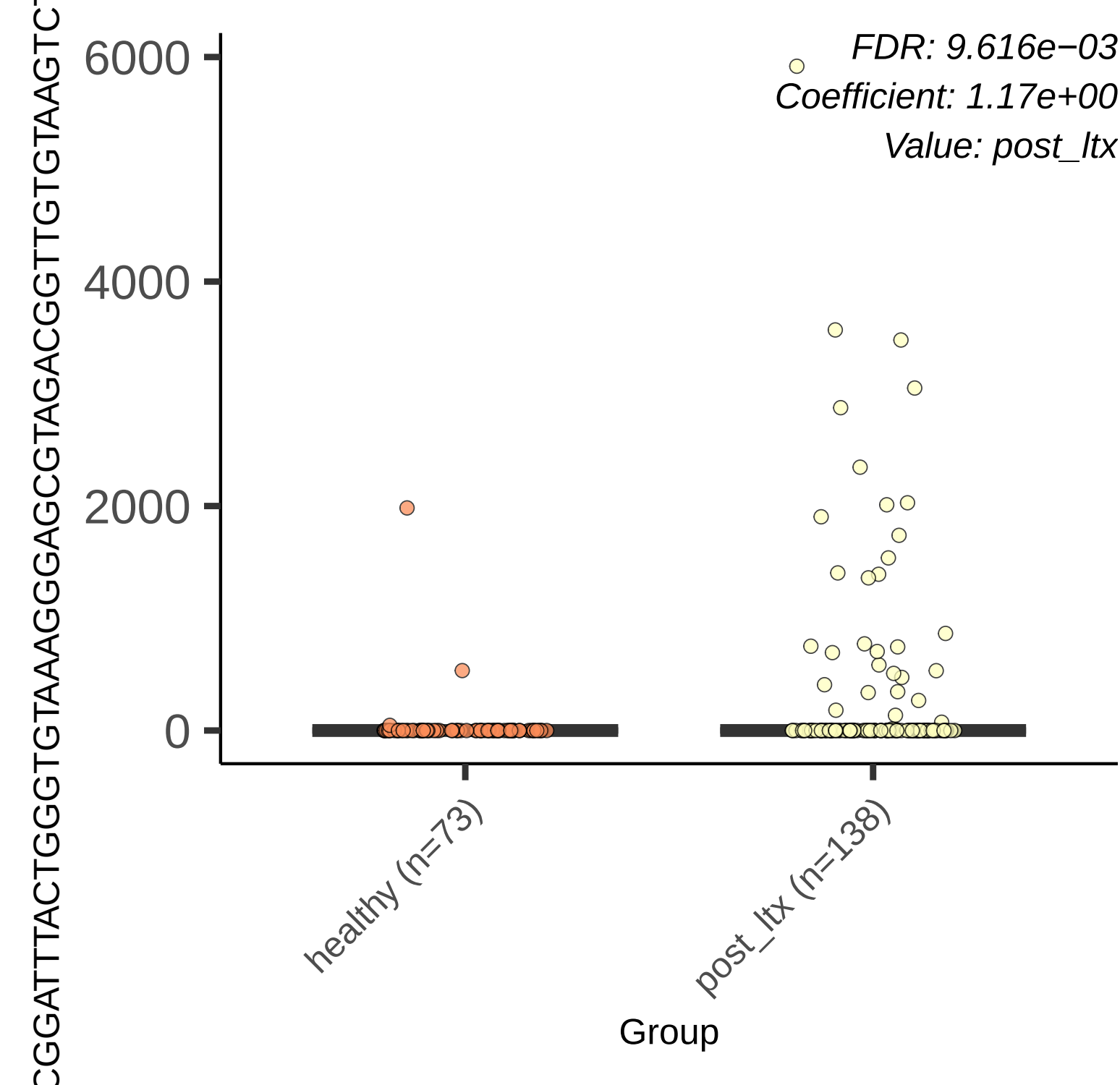
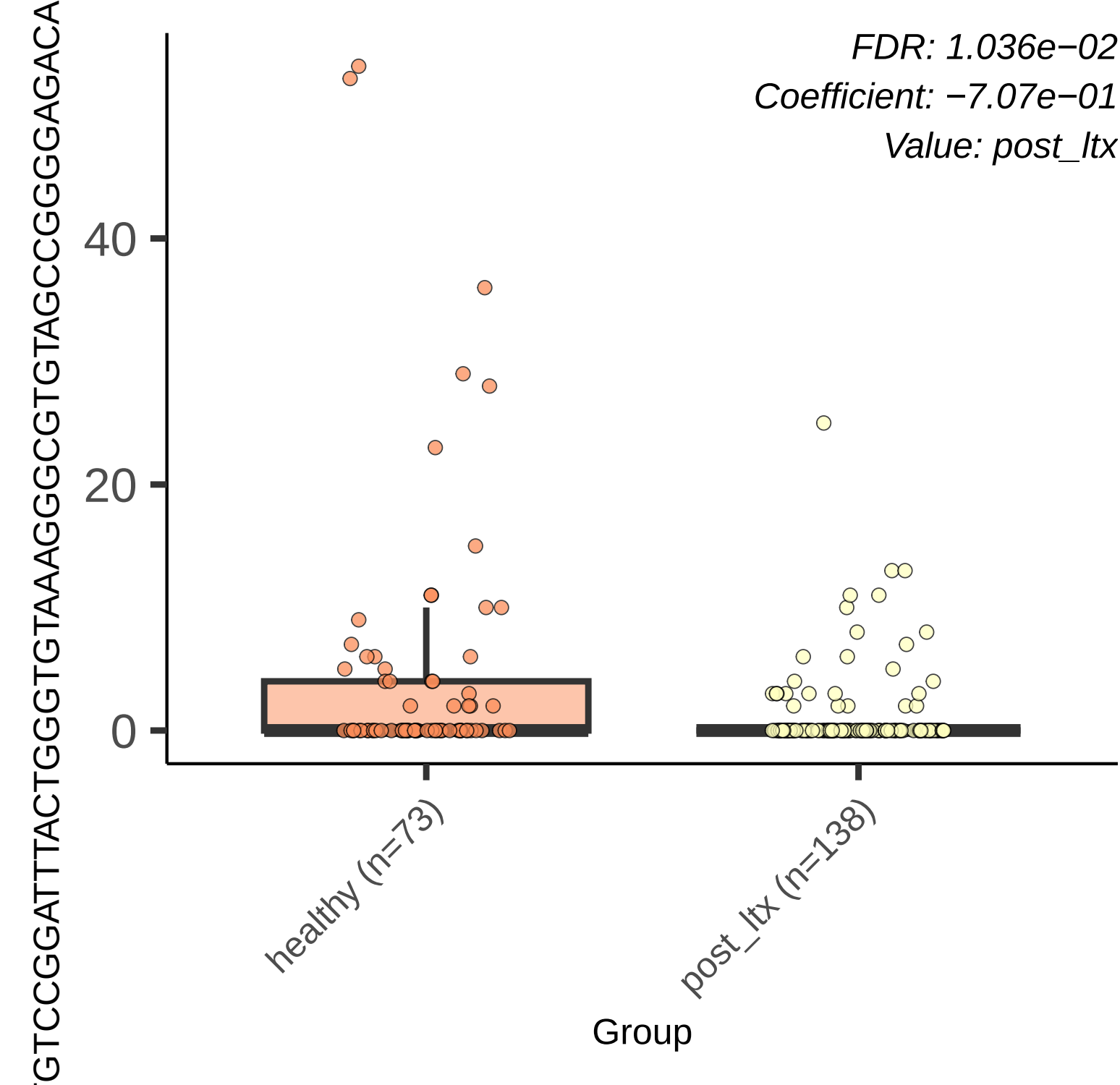
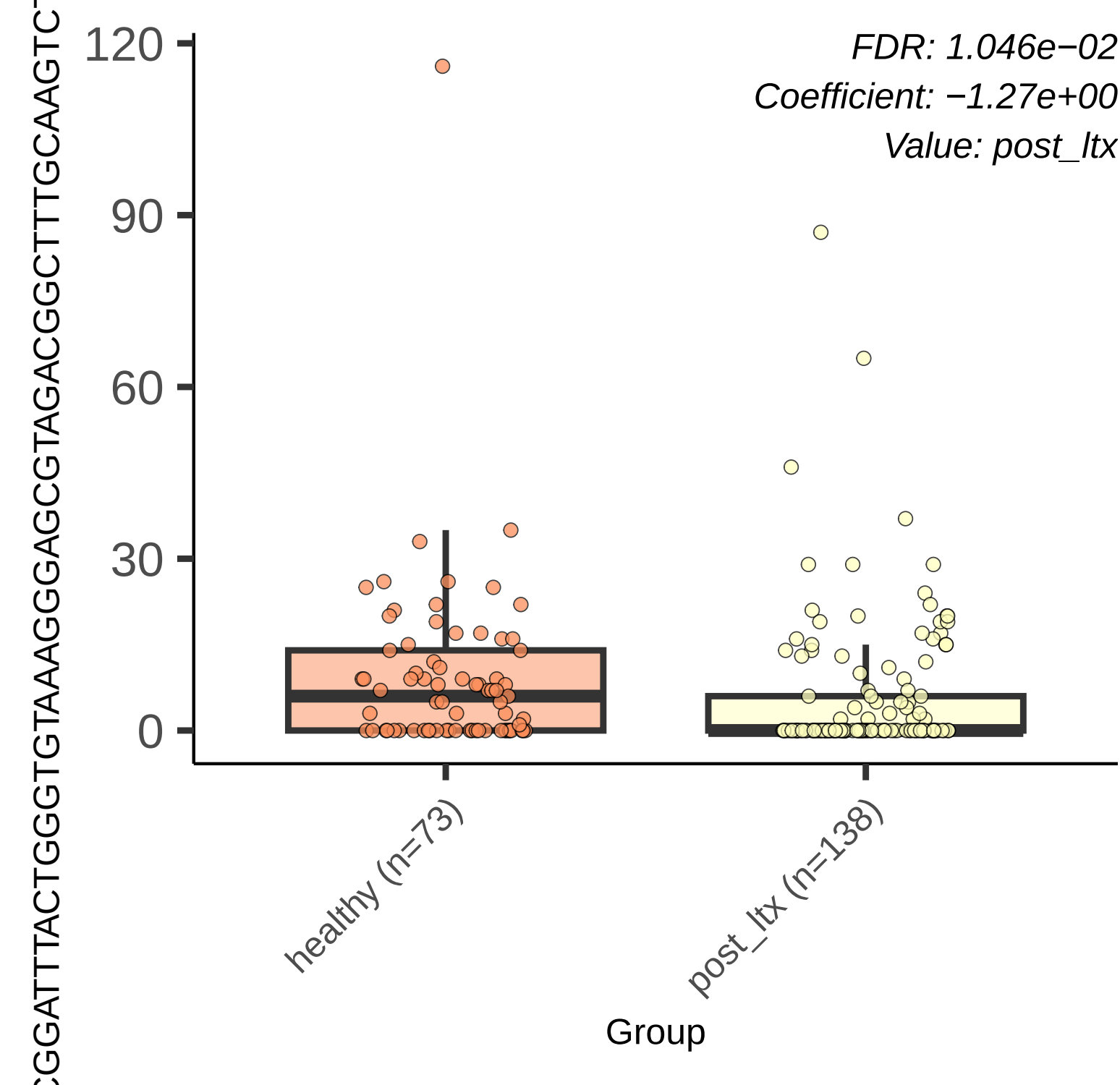

FDR: 8.079e−03
Coefficient: −7.81e−01
Value: post_ltx
600
400
200
0
healthy (n=73)
post_ltx (n=138)
Group
CGGAGGATCCGAGCGTTATCCGGATTTATTGGGTTTAAAGGGAGC

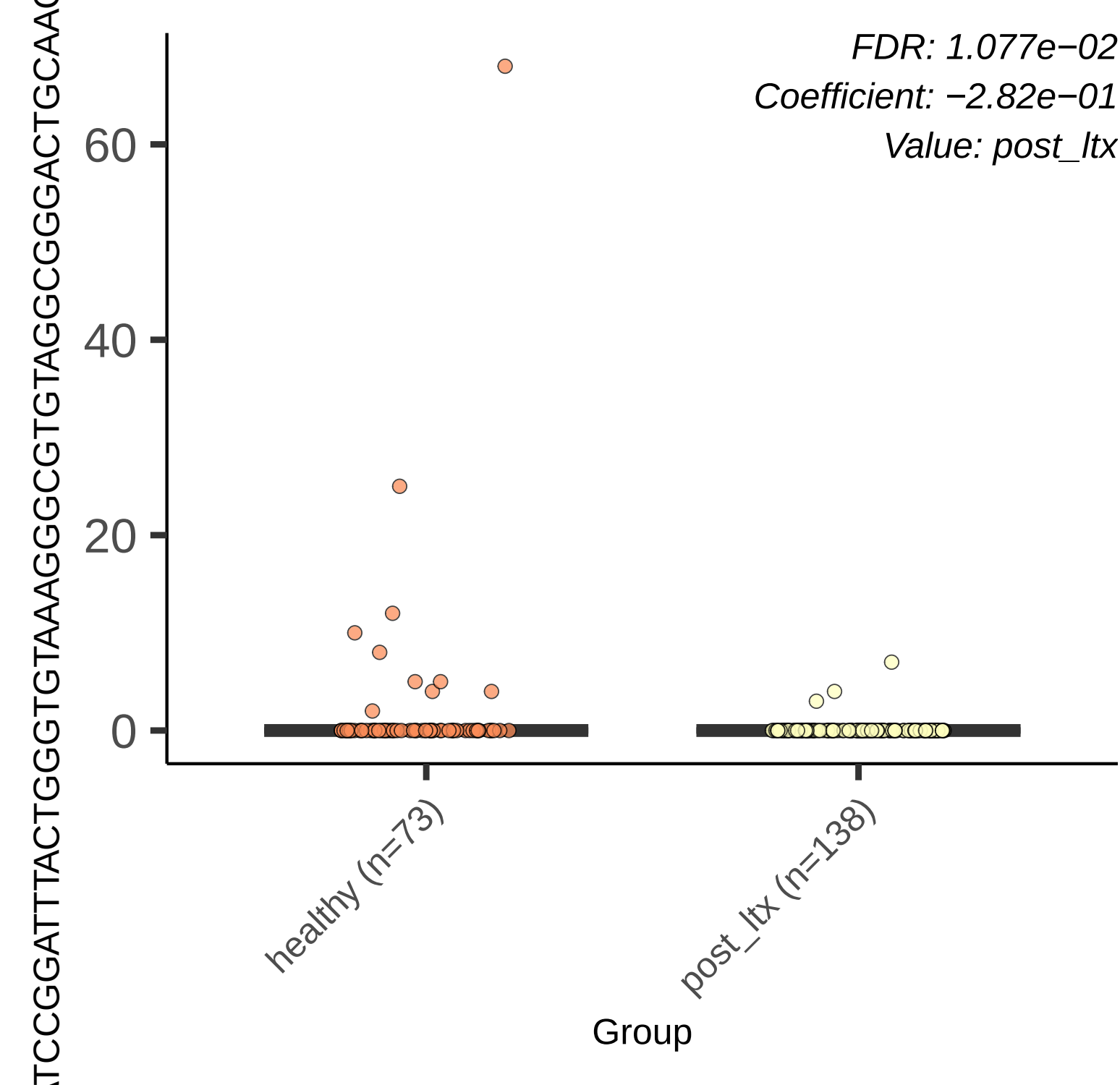

GGATTTACTGGGTGTAAAGGGAGCGTAGACGGCAAGTC
150
100
50
0
FDR: 8.222e−03
Coefficient: −6.16e−01
Value: post_ltx
healthy (n=73)
post_ltx (n=138)
Group

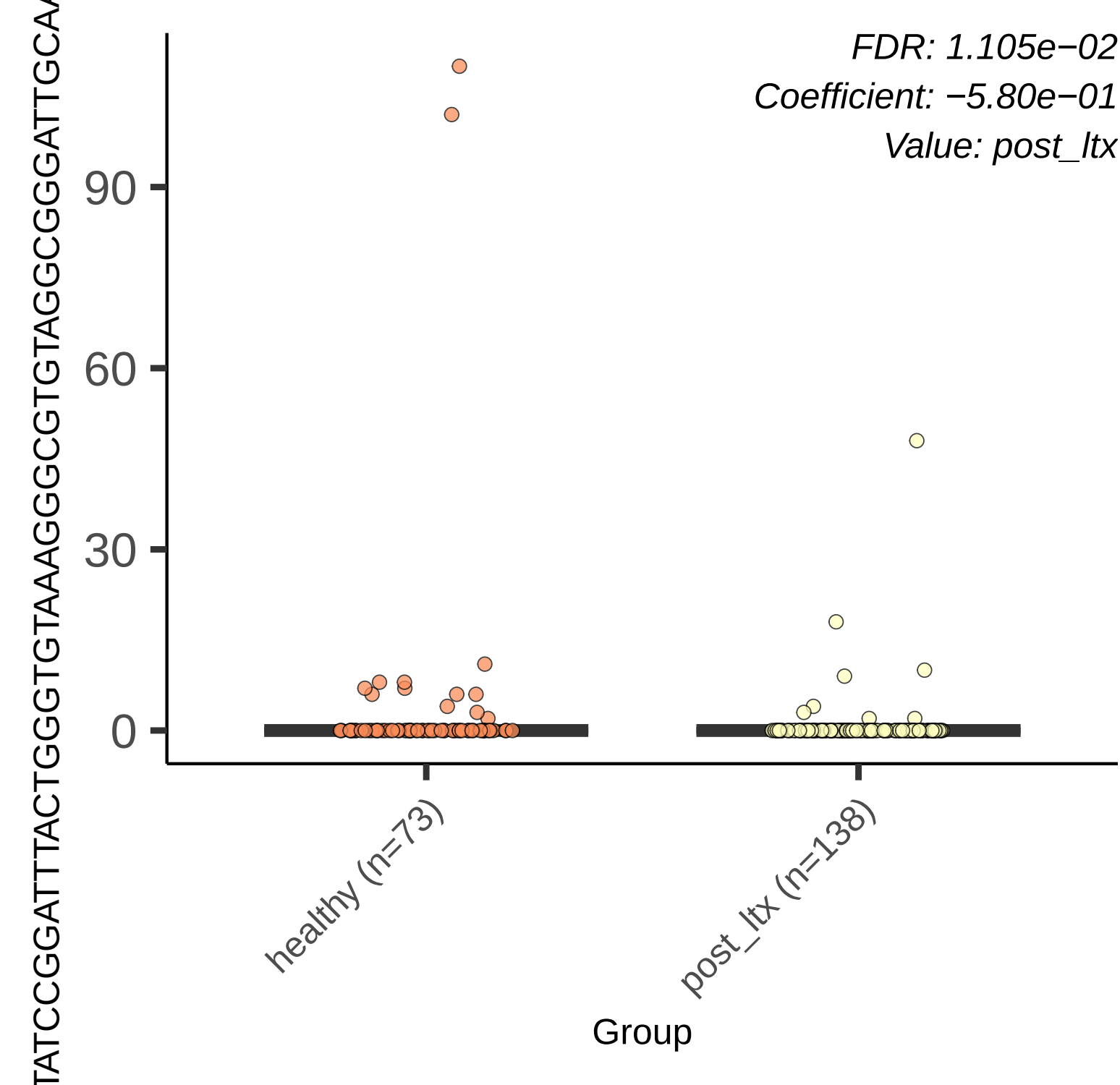

GGATTTACTGGGTGTAAAGGGAGCGTAGGTGGCAAGGCAAGGCCA
500
400
300
200
100
0
FDR: 9.192e−03
Coefficient: −1.48e+00
Value: post_ltx
healthy (n=73)
post_ltx (n=138)
Group

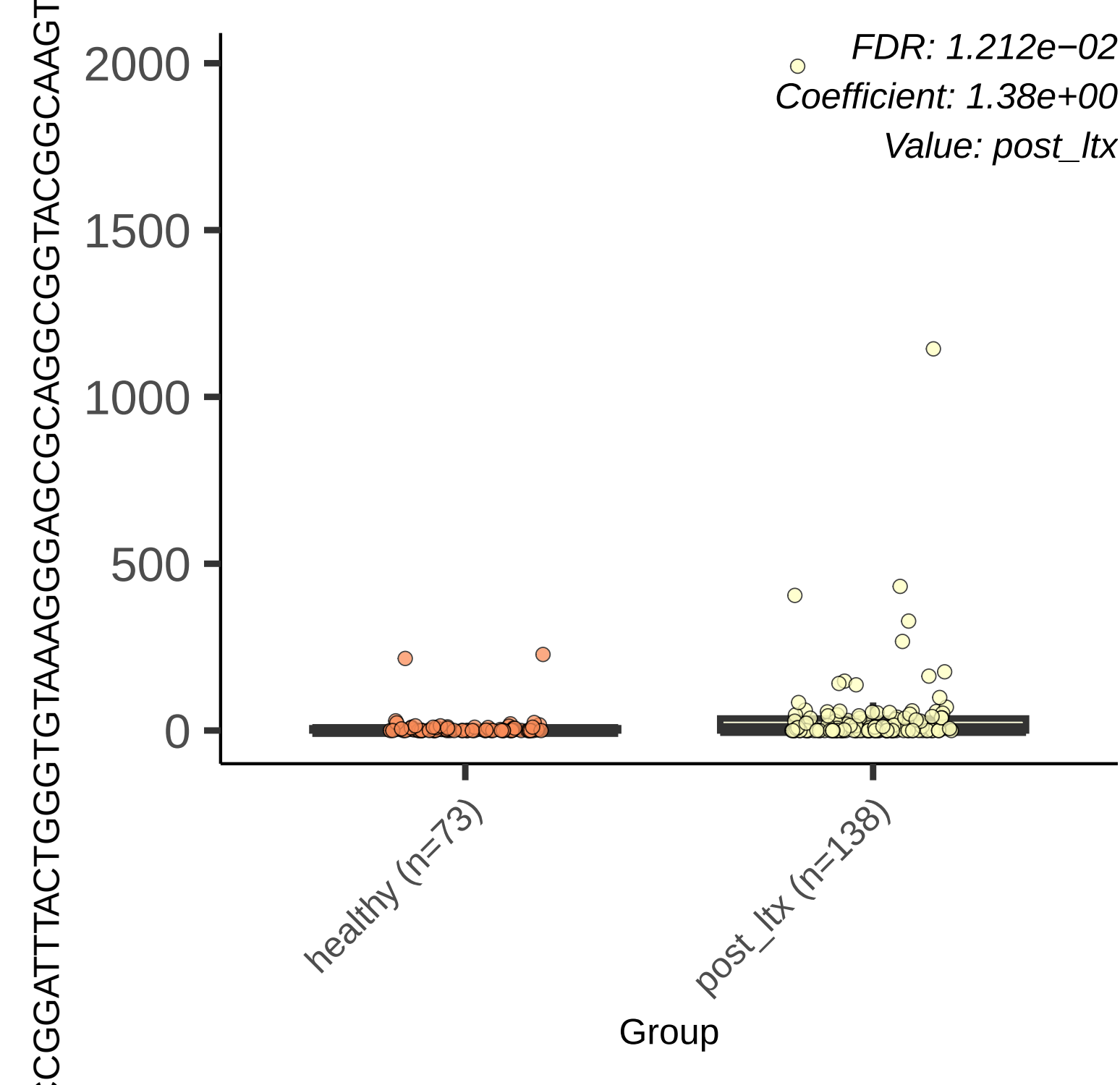

FDR: 9.616e−03
Coefficient: 1.17e+00
Value: post_ltx
6000
4000
2000
0
healthy (n=73)
post_ltx (n=138)
Group
CGGATTTACTGGGTGTAAAGGGAGCGTAGACGGTTGTGTAAGTC


FDR: 1.036e−02
Coefficient: −7.07e−01
Value: post_ltx
40
20
0
healthy (n=73)
post_ltx (n=138)
Group
GTCCGGATTTACTGGGTGTAAAGGGCGTGTAGCCGGGGAGACA


CGGATTTACTGGGTGTAAAGGGAGCGTAGACGGCTTTGCAAGTC
120
90
60
30
0
FDR: 1.046e−02
Coefficient: −1.27e+00
Value: post_ltx
healthy (n=73)
post_ltx (n=138)
Group


FDR: 1.077e−02
Coefficient: −2.82e−01
Value: post_ltx
60
40
20
0
healthy (n=73)
post_ltx (n=138)
Group
TCCGGATTTACTGGGTGTAAAGGGCGTGTAGGCGGGACTGCAAG


FDR: 1.105e−02
Coefficient: −5.80e−01
Value: post_ltx
90
60
30
0
healthy (n=73)
post_ltx (n=138)
Group
TATCCGGATTTACTGGGTGTAAAGGGCGTGTAGGCGGGATTGCA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Coefficient: 1.38e+00
Value: post_ltx
2000
1500
1000
500
0
healthy (n=73)
post_ltx (n=138)
Group
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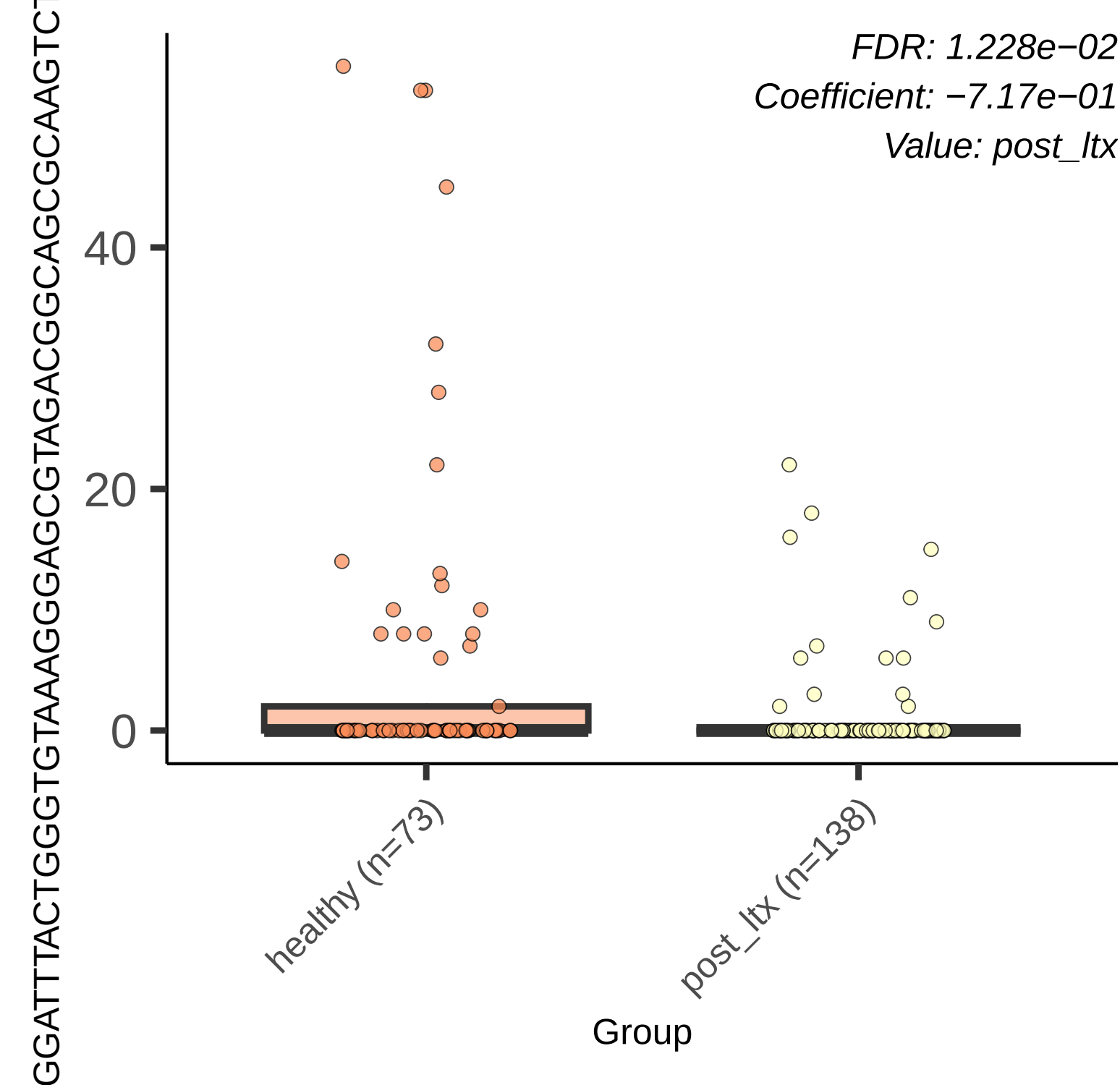
FDR: 1.228e−02
Coefficient: −7.17e−01
Value: post_ltx
40
20
0
healthy (n=73)
post_ltx (n=138)
Group
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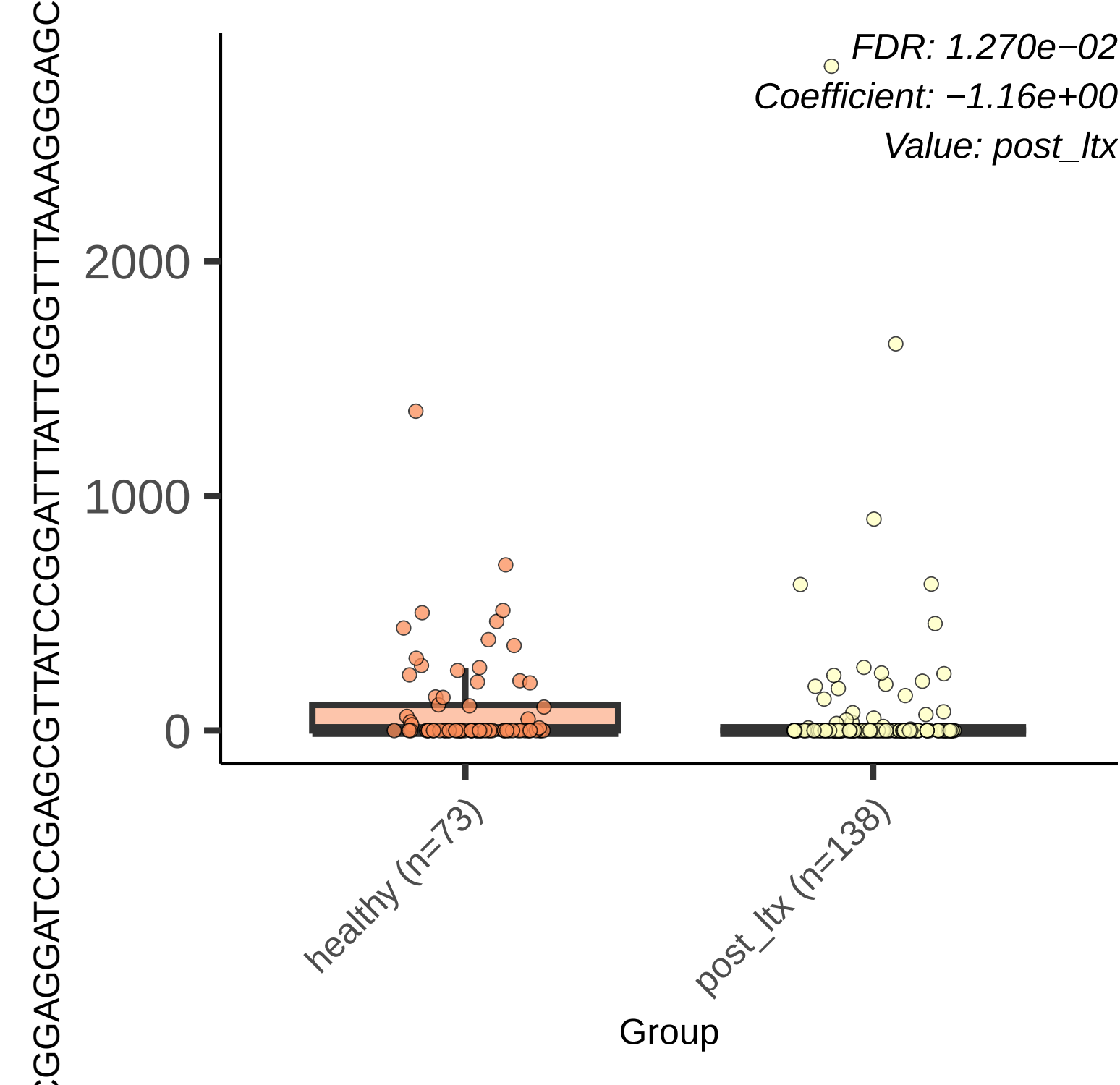
FDR: 1.270e−02
Coefficient: −1.16e+00
Value: post_ltx
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1000
0
healthy (n=73)
post_ltx (n=138)
Group
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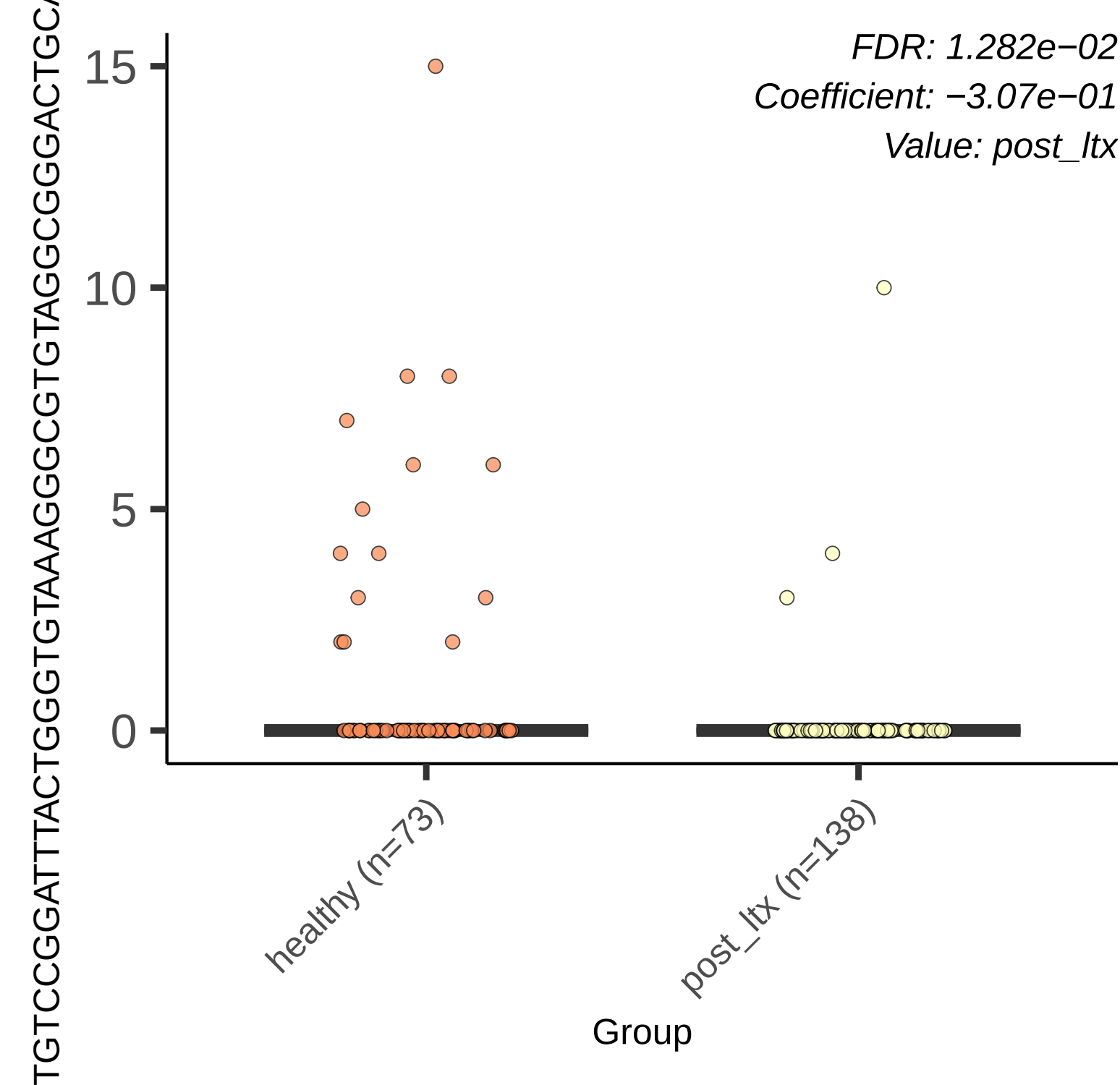
FDR: 1.282e−02
Coefficient: −3.07e−01
Value: post_ltx
15
10
5
0
healthy (n=73)
post_ltx (n=138)
Group
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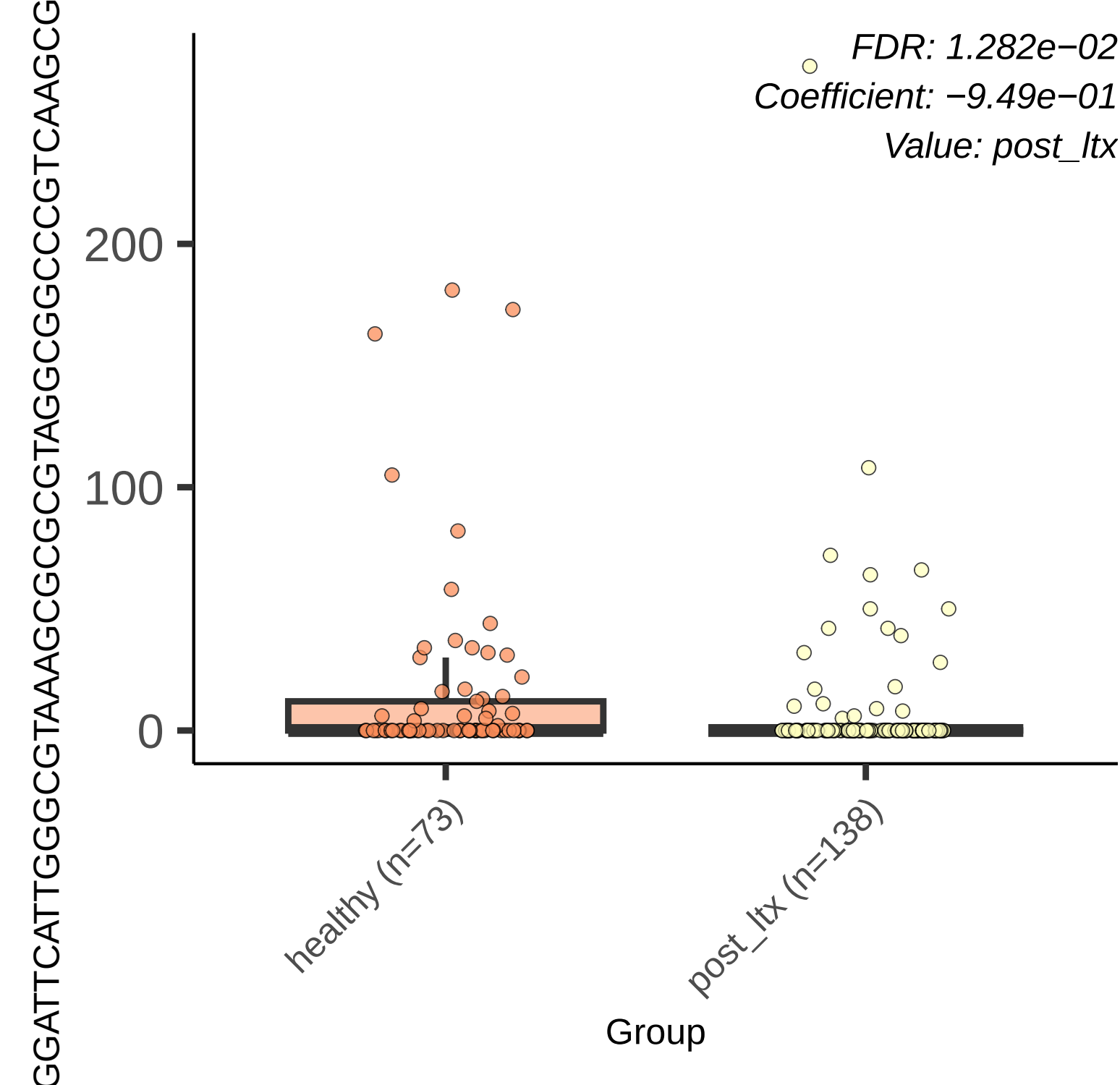
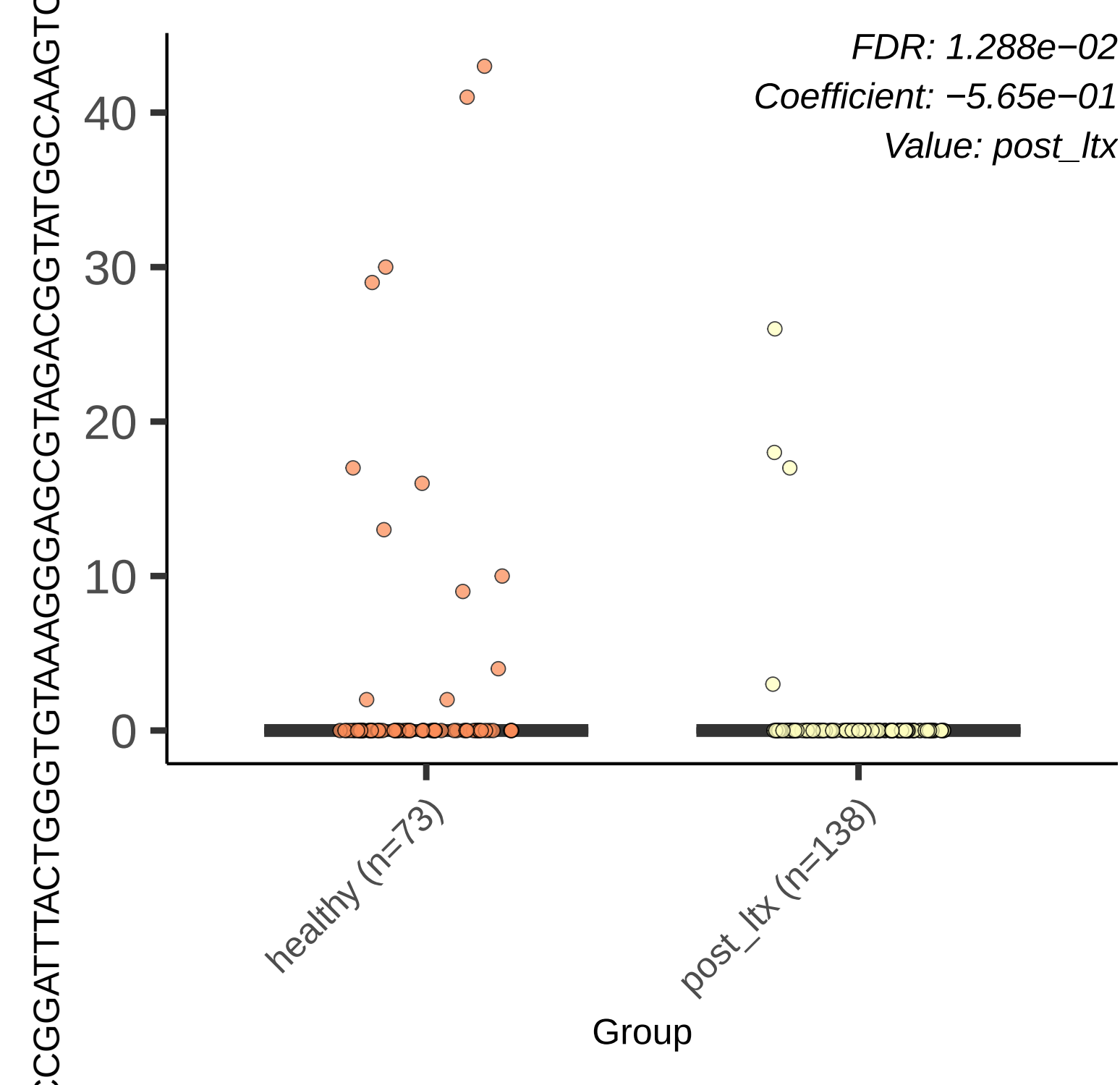

GGATTCATTGGGCGTAAAGCGCGCGTAGGCGGCCCGTCAAGCG
FDR: 1.282e−02
Coefficient: −9.49e−01
Value: post_ltx
200
100
0
healthy (n=73)
post_ltx (n=138)
Group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Coefficient: −5.65e−01
Value: post_ltx
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30
20
10
0
healthy (n=73)
post_ltx (n=138)
Group
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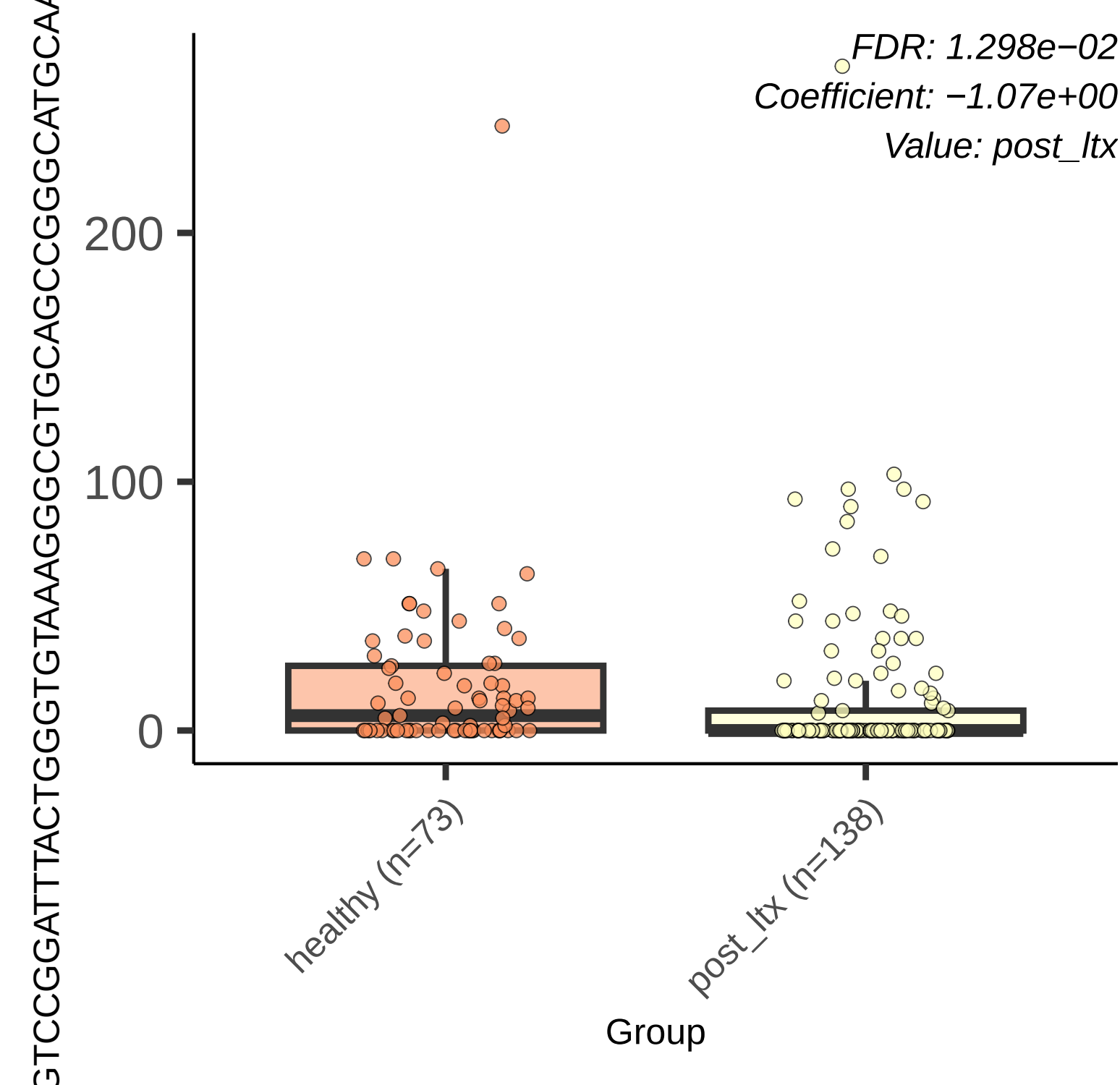
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Coefficient: −1.07e+00
Value: post_ltx
200
100
0
healthy (n=73)
post_ltx (n=138)
Group
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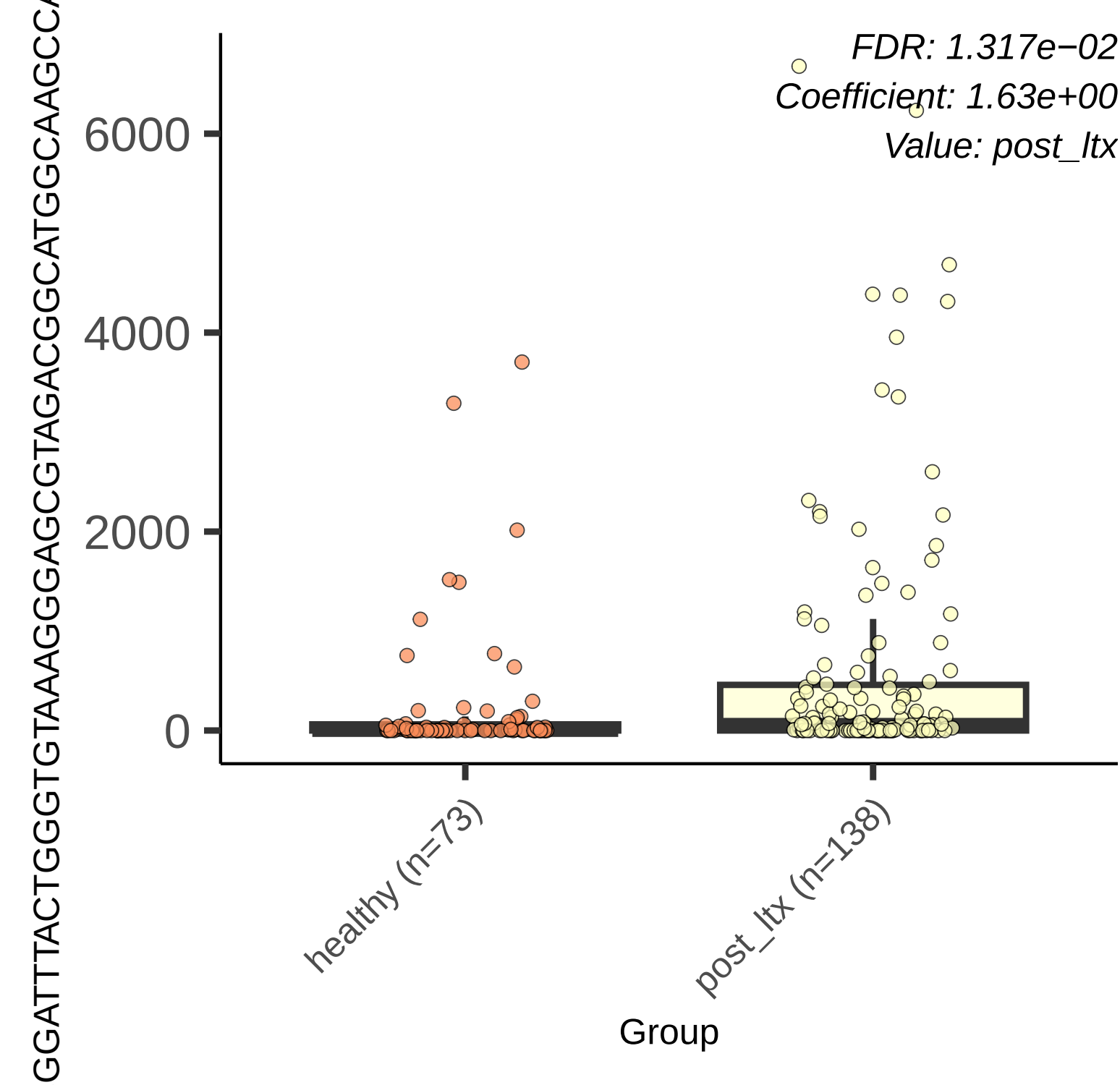
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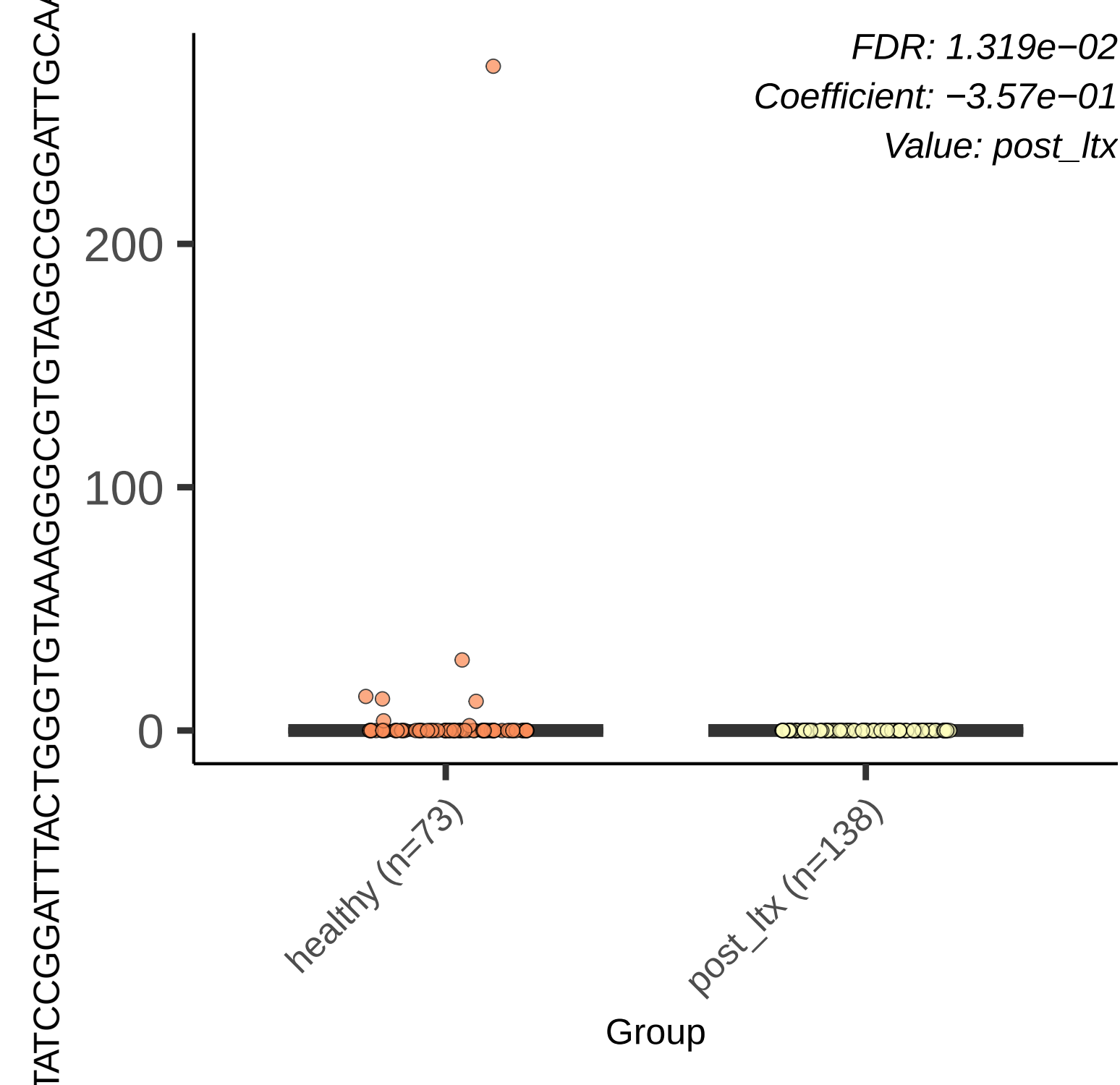
Coefficient: 1.63e+00
Value: post_ltx
6000
4000
2000
0
healthy (n=73)
post_ltx (n=138)
Group
GGATTTACTGGGTGTAAAGGGAGCGTAGACGGCATGGCAAGCC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Coefficient: −3.57e−01
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100
0
healthy (n=73)
post_ltx (n=138)
Group
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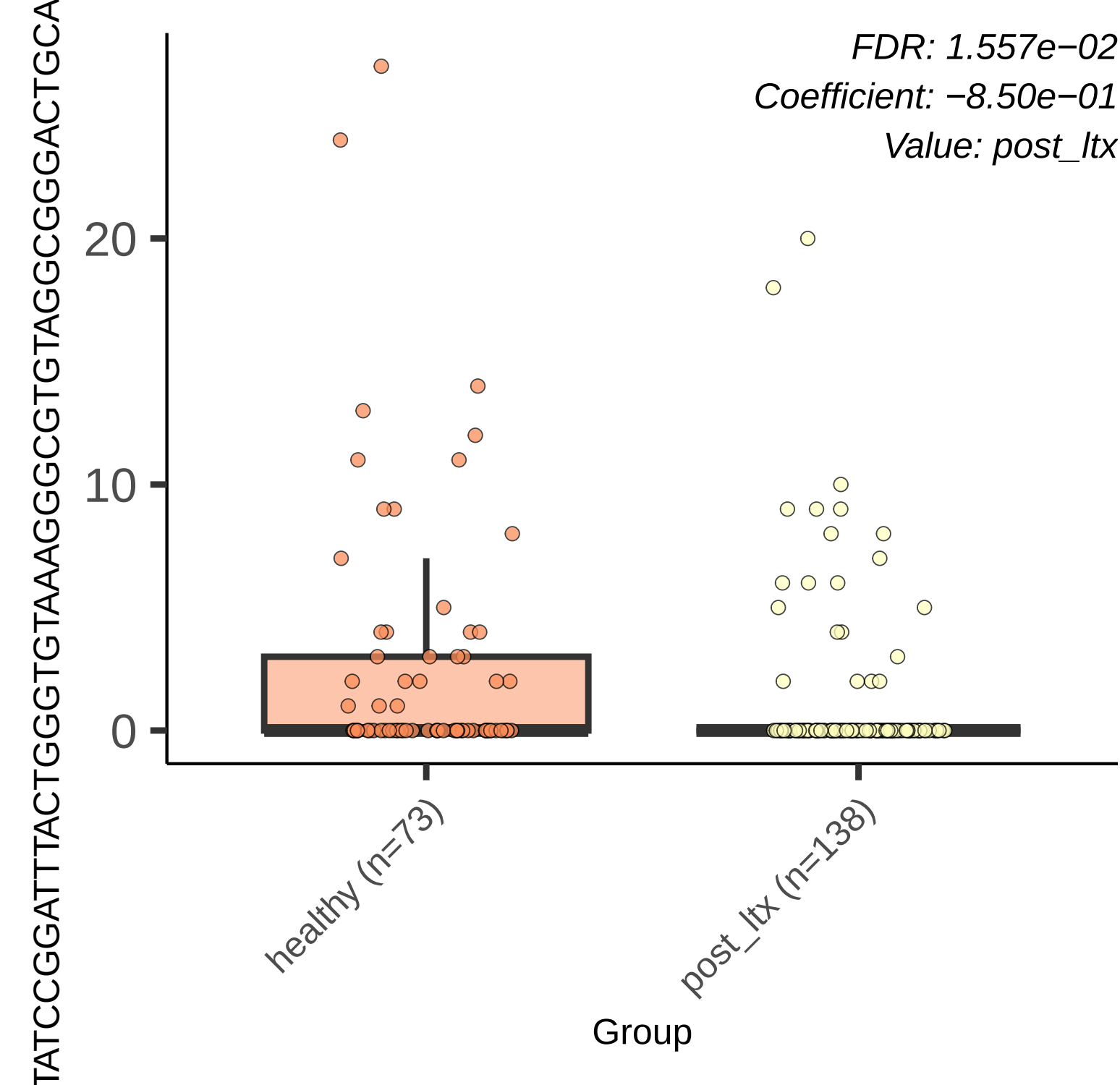
FDR: 1.557e−02
Coefficient: −8.50e−01
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20
10
0
healthy (n=73)
post_ltx (n=138)
Group
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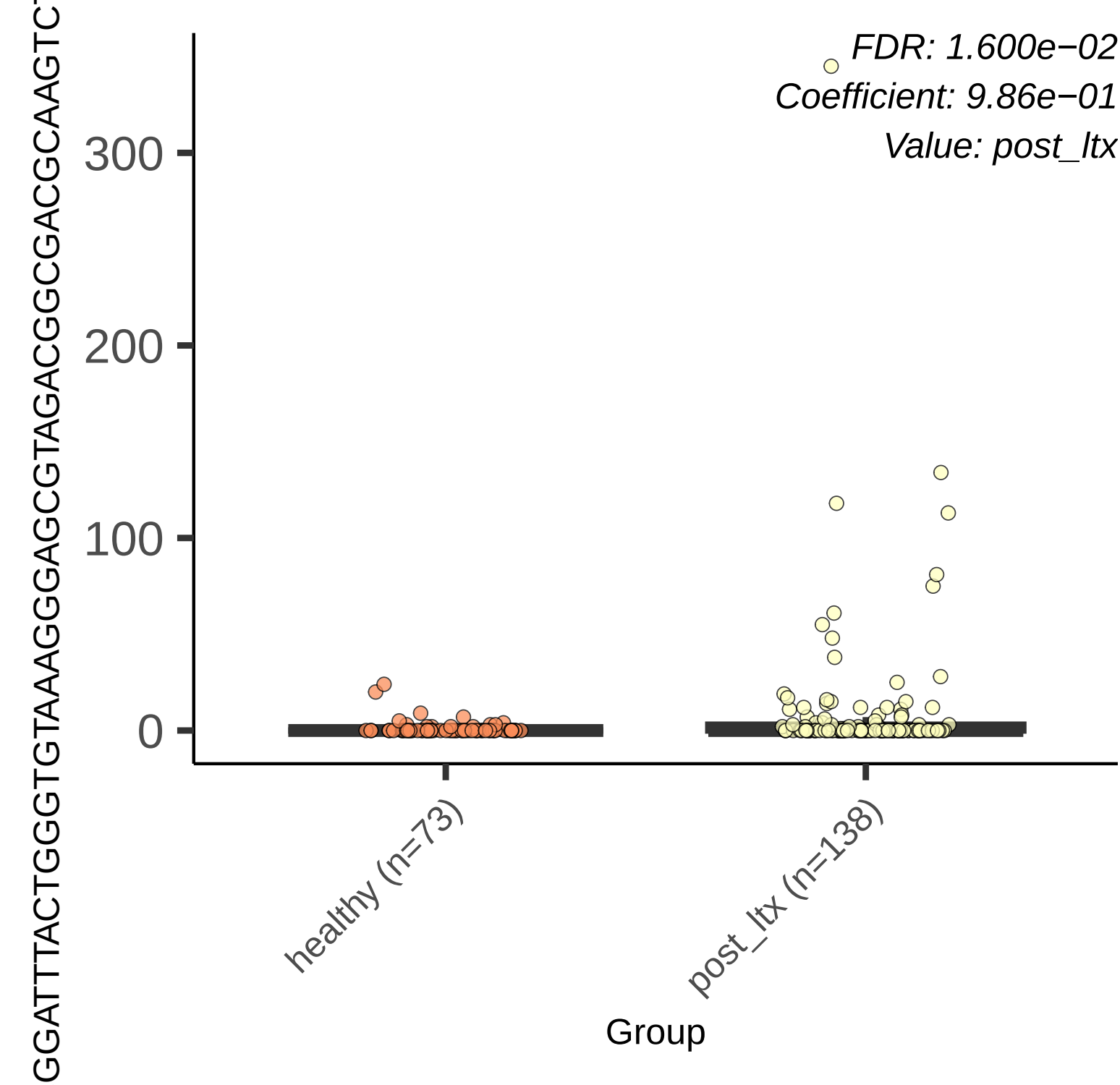
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Coefficient: 9.86e−01
Value: post_ltx
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healthy (n=73)
post_ltx (n=138)
Group
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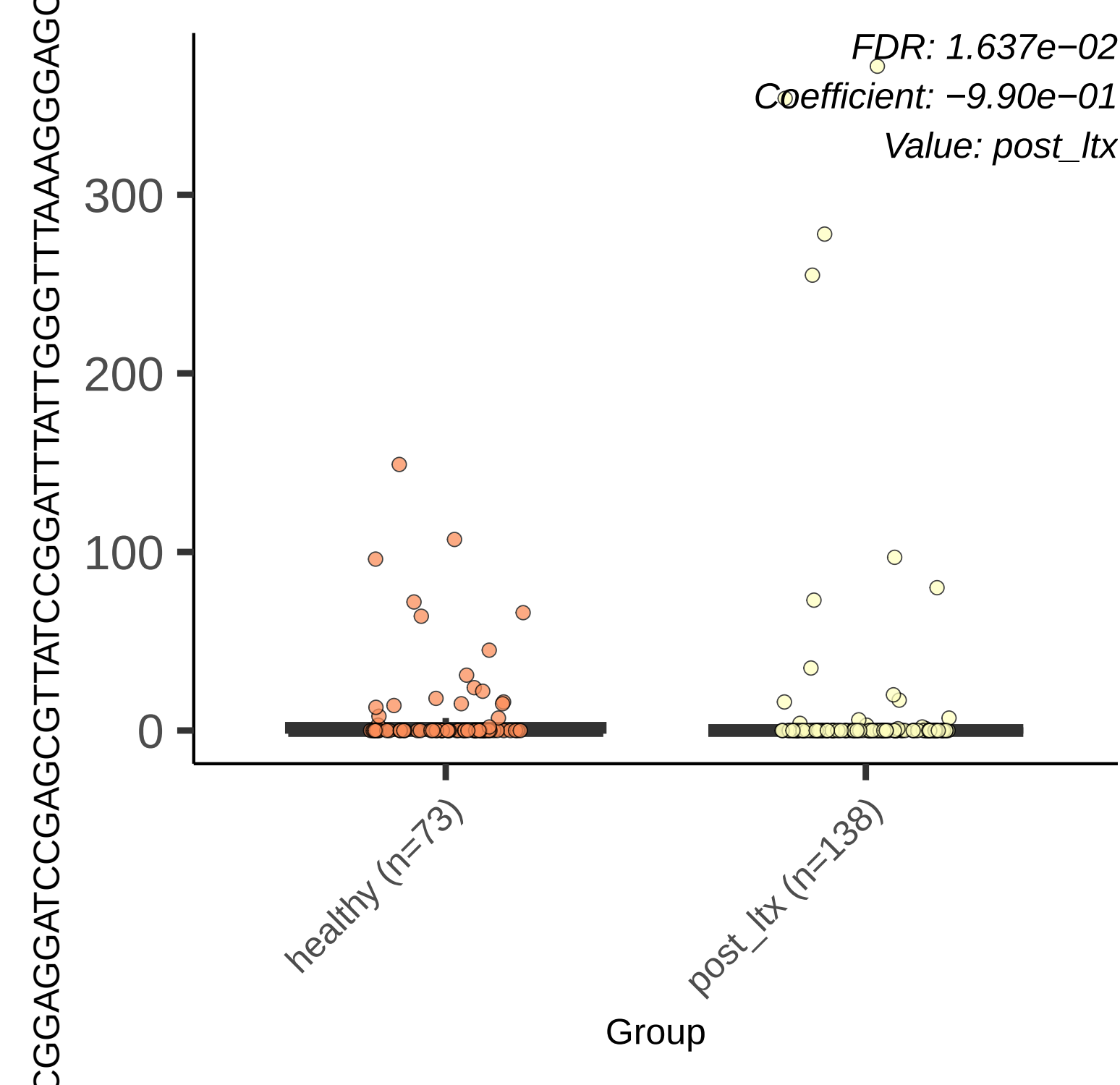
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Coefficient: −9.90e−01
Value: post_ltx
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200
100
0
healthy (n=73)
post_ltx (n=138)
Group
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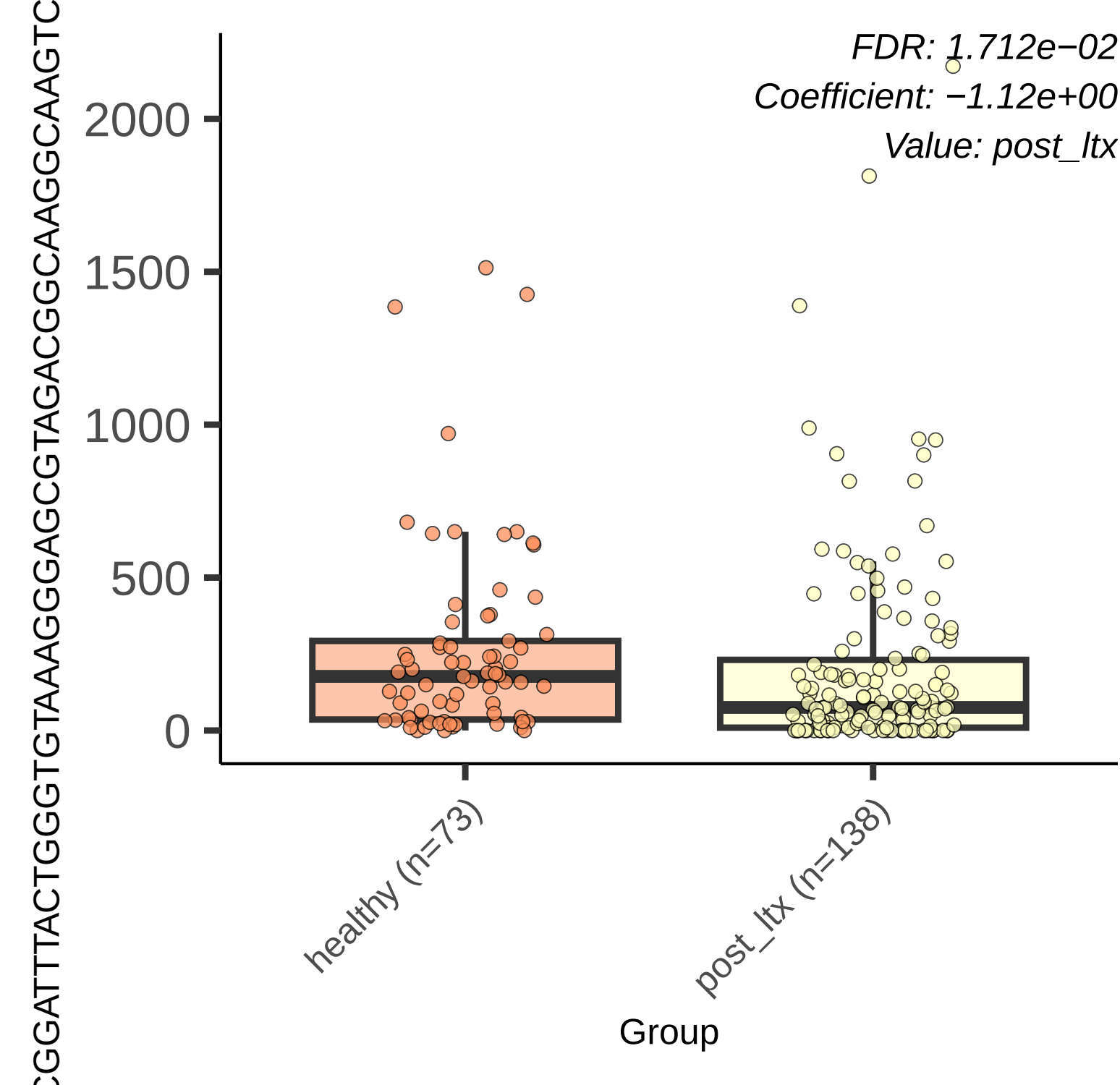
FDR: 1.712e−02
Coefficient: −1.12e+00
Value: post_ltx
2000
1500
1000
500
0
healthy (n=73)
post_ltx (n=138)
Group
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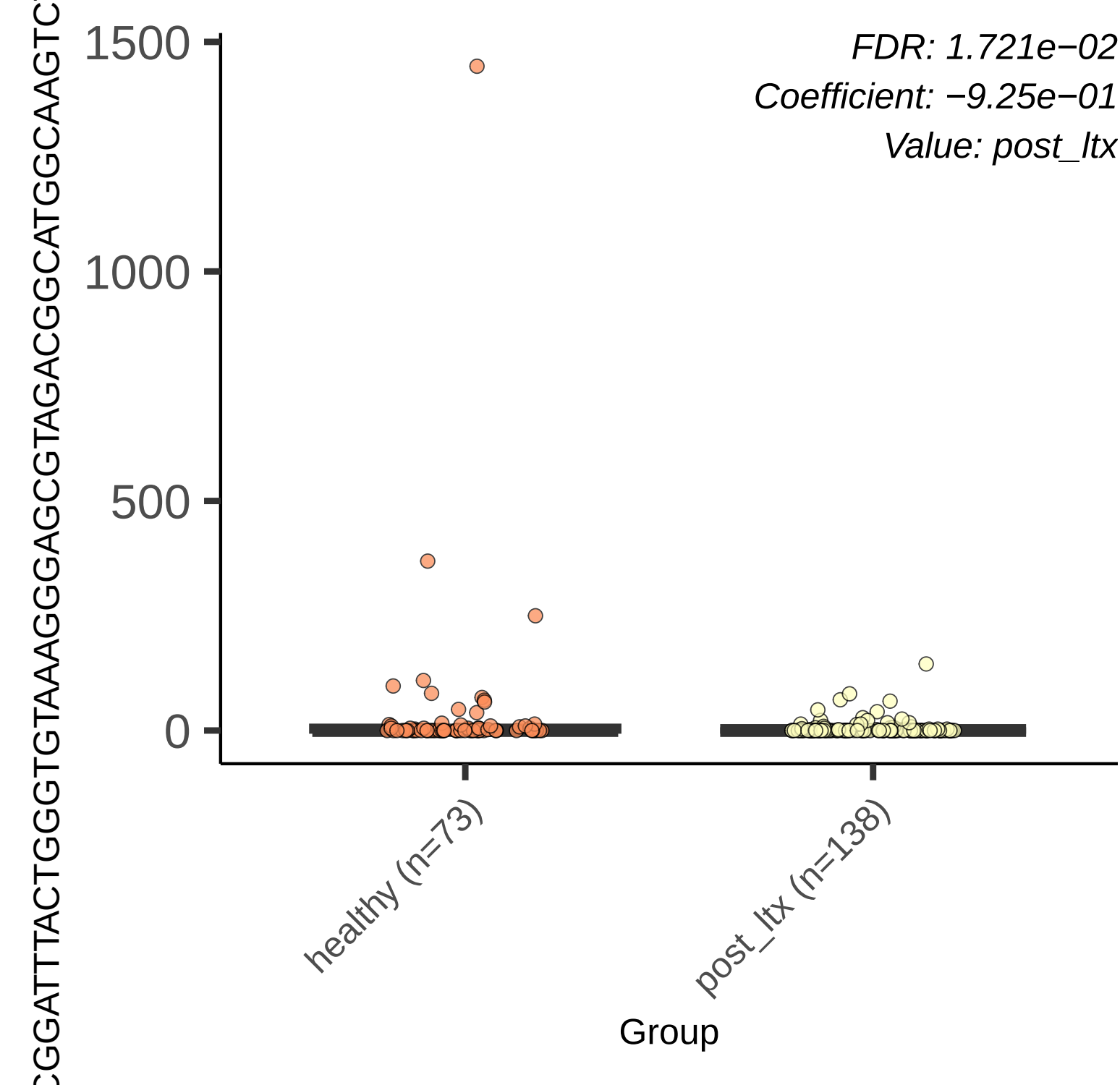
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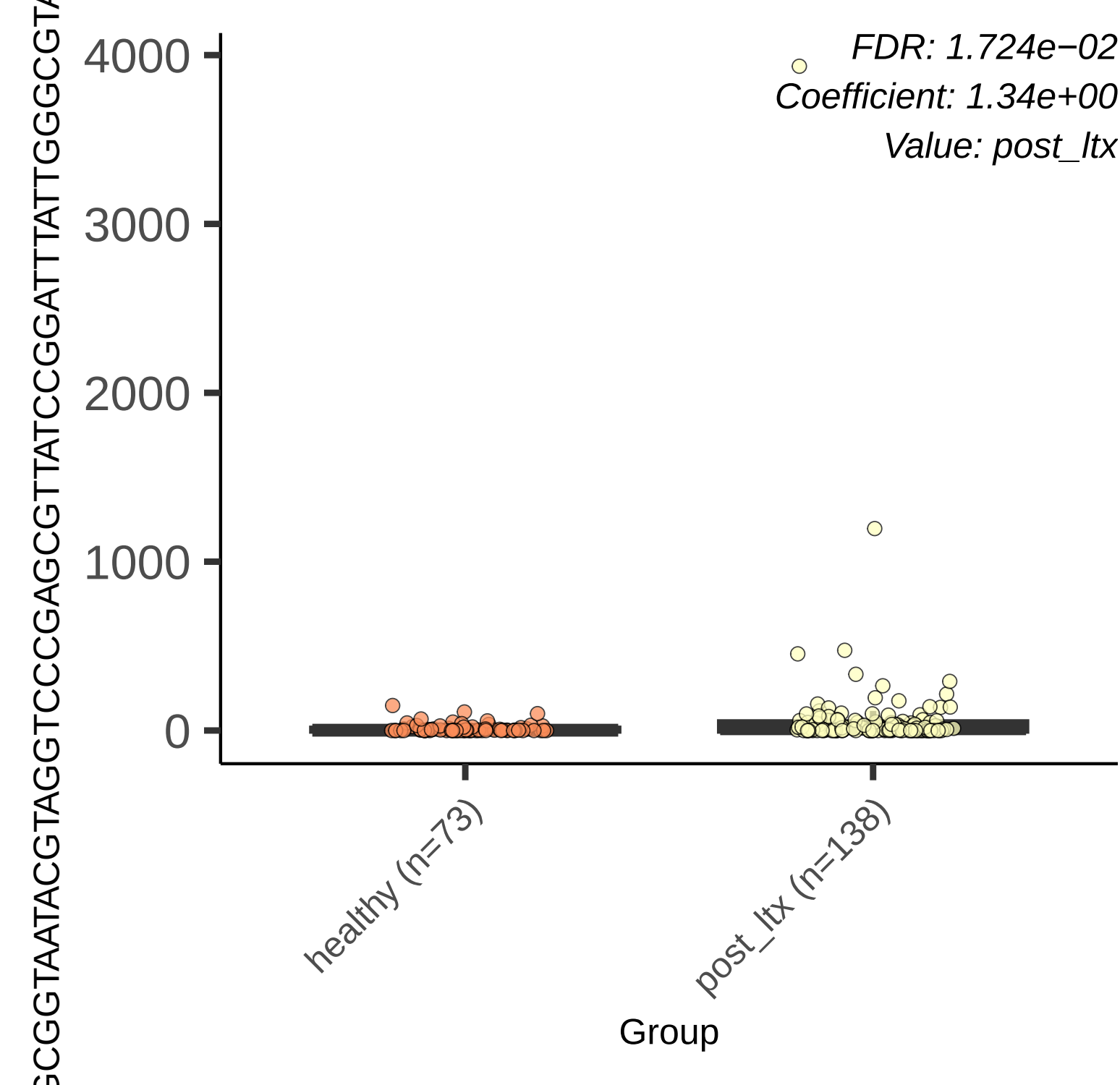
Coefficient: −9.25e−01
Value: post_ltx
1500
1000
500
0
healthy (n=73)
post_ltx (n=138)
Group
CGGATTTACTGGGTGTAAAGGGAGCGTAGACGGCATGGCAAGTC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Coefficient: 1.34e+00
Value: post_ltx
4000
3000
2000
1000
0
healthy (n=73)
post_ltx (n=138)
Group
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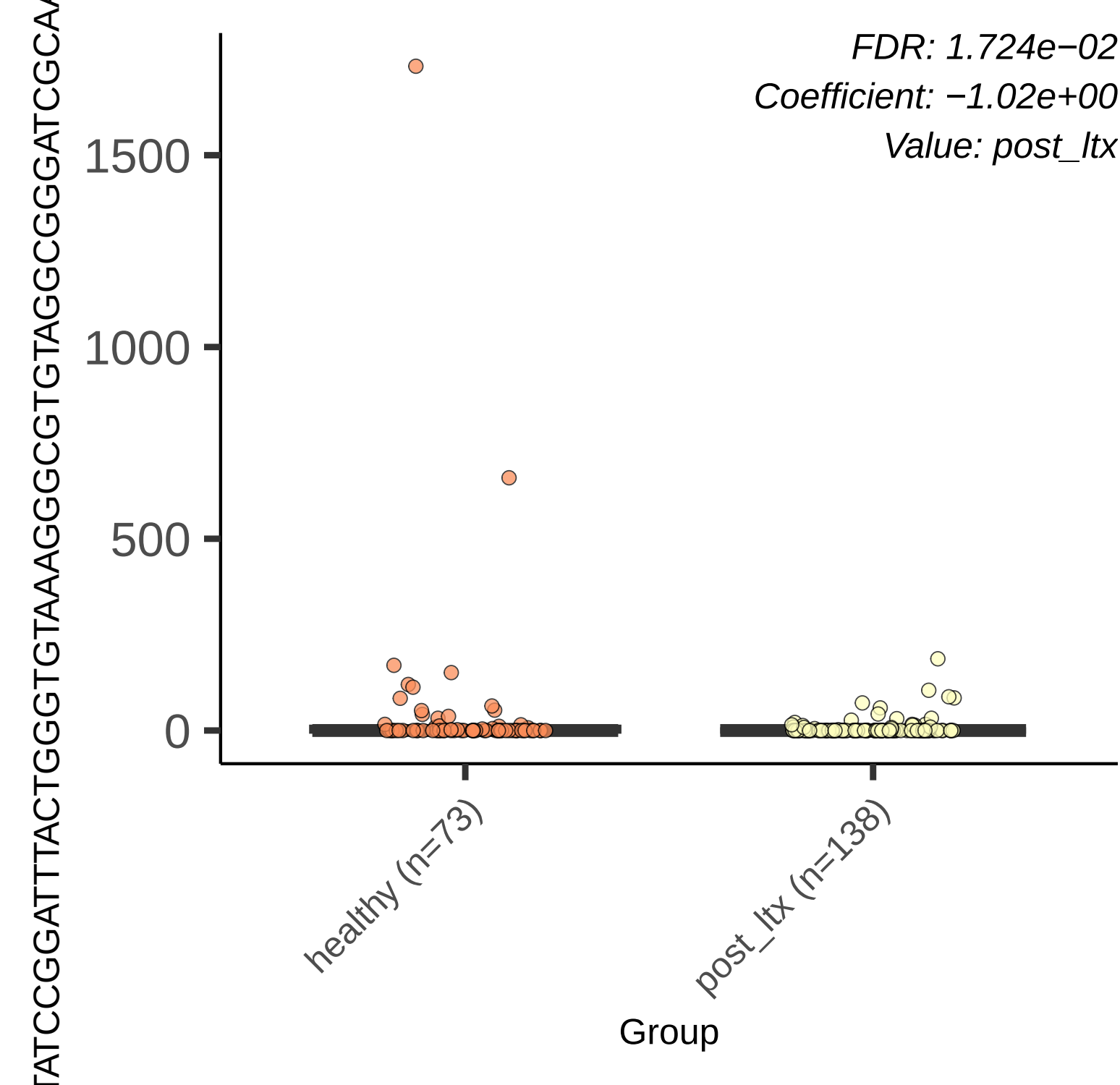
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Coefficient: −1.02e+00
Value: post_ltx
1500
1000
500
0
healthy (n=73)
post_ltx (n=138)
Group
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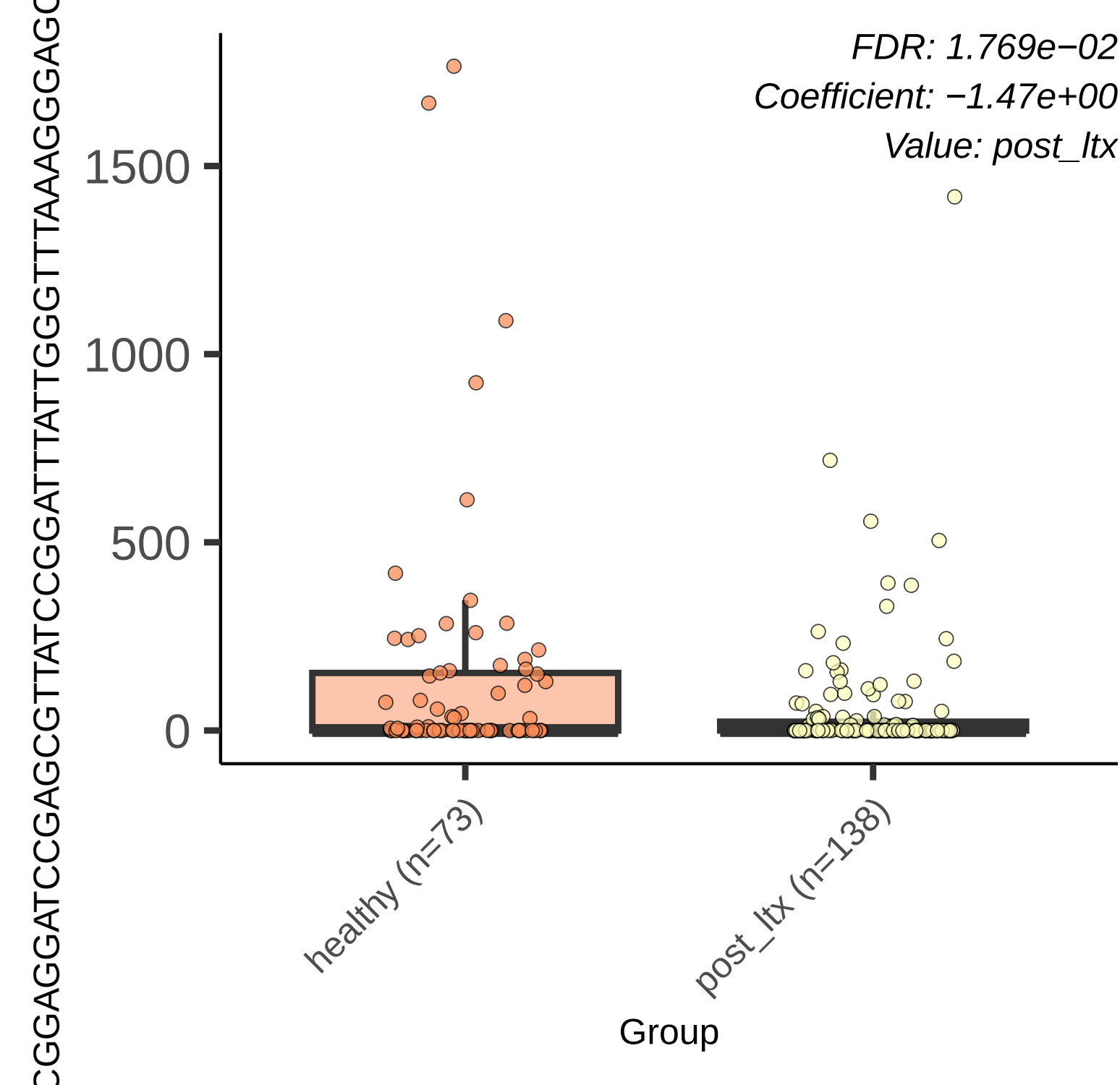
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Coefficient: −1.47e+00
Value: post_ltx
1500
1000
500
0
healthy (n=73)
post_ltx (n=138)
Group
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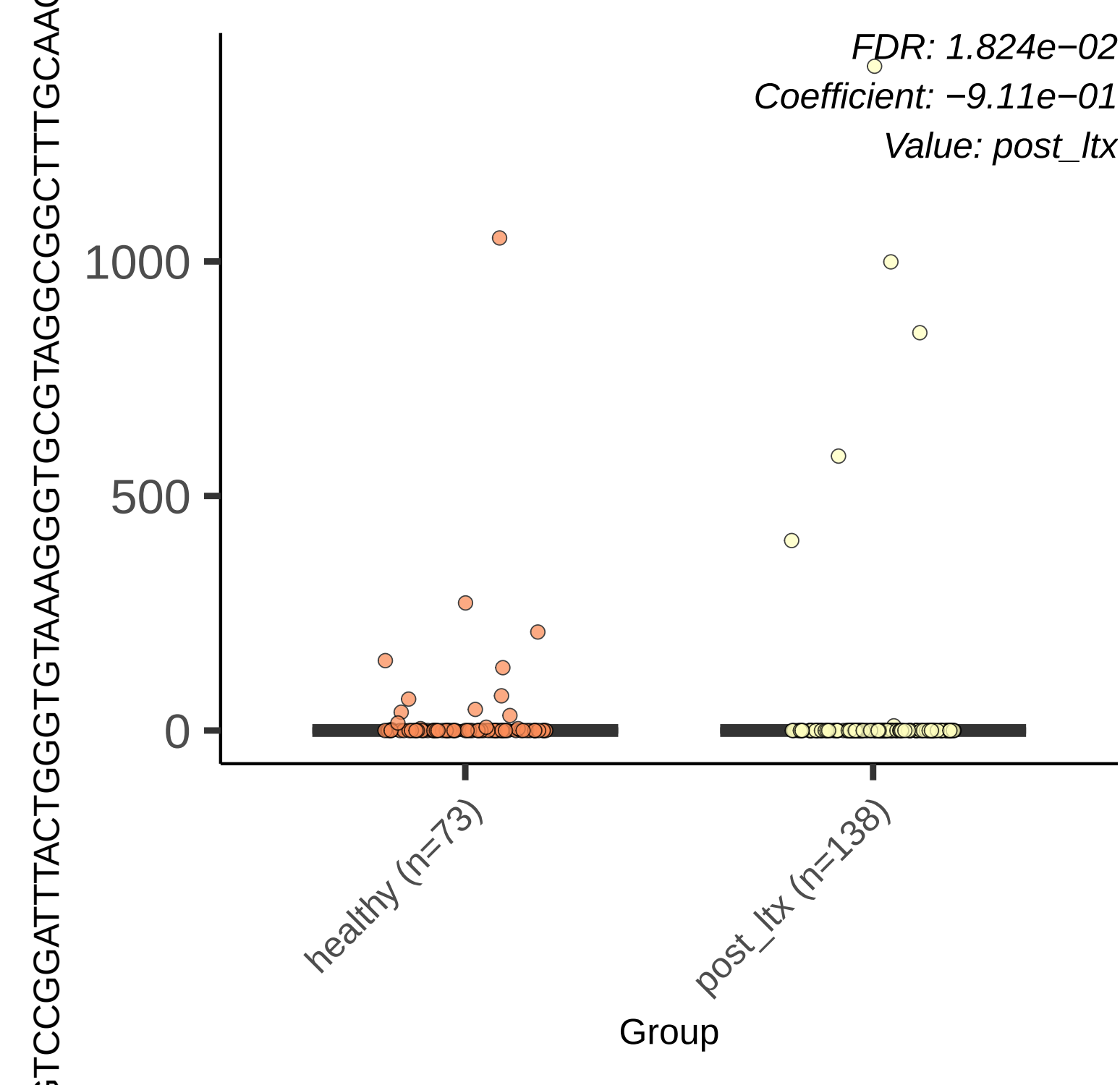
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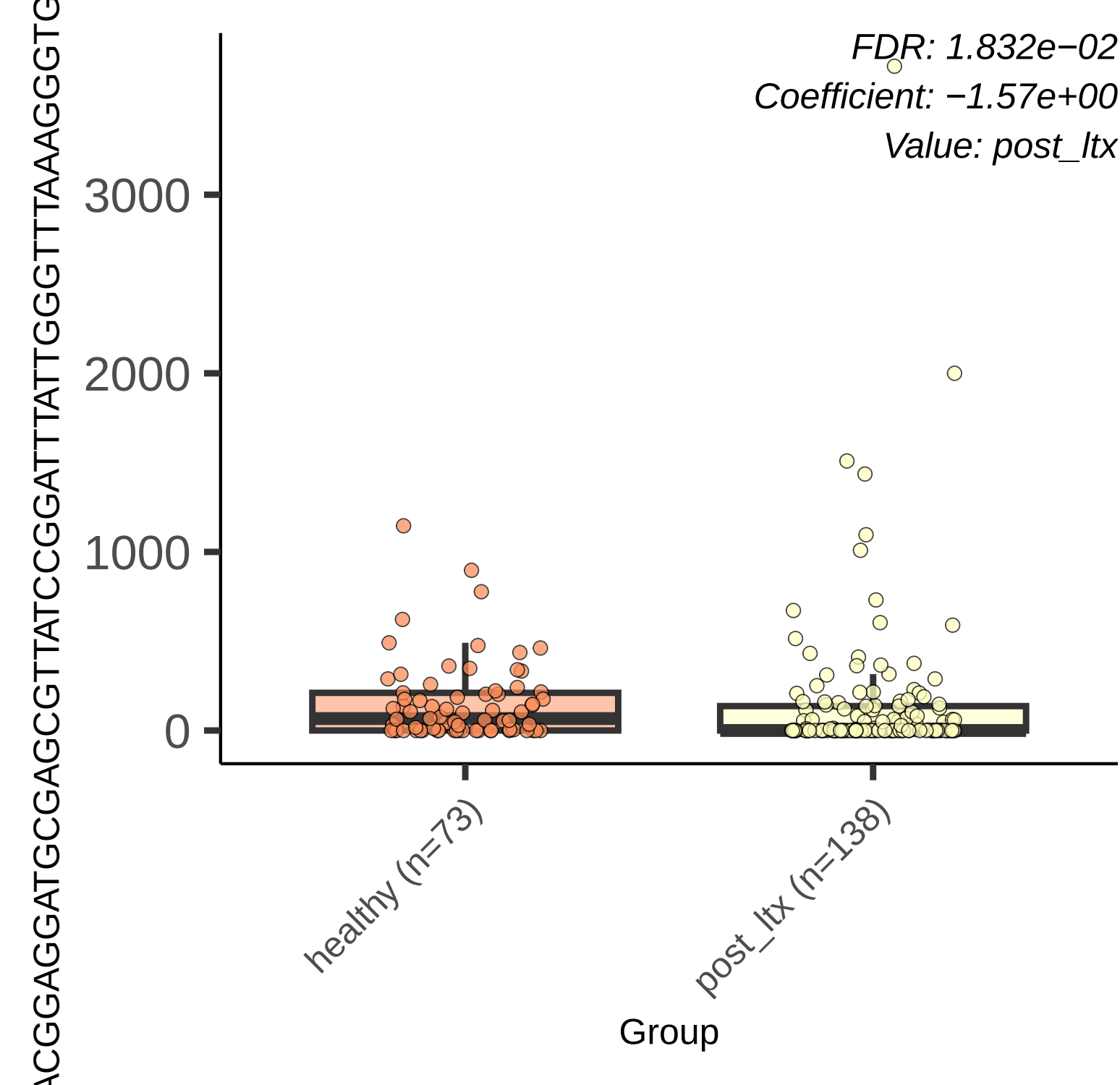
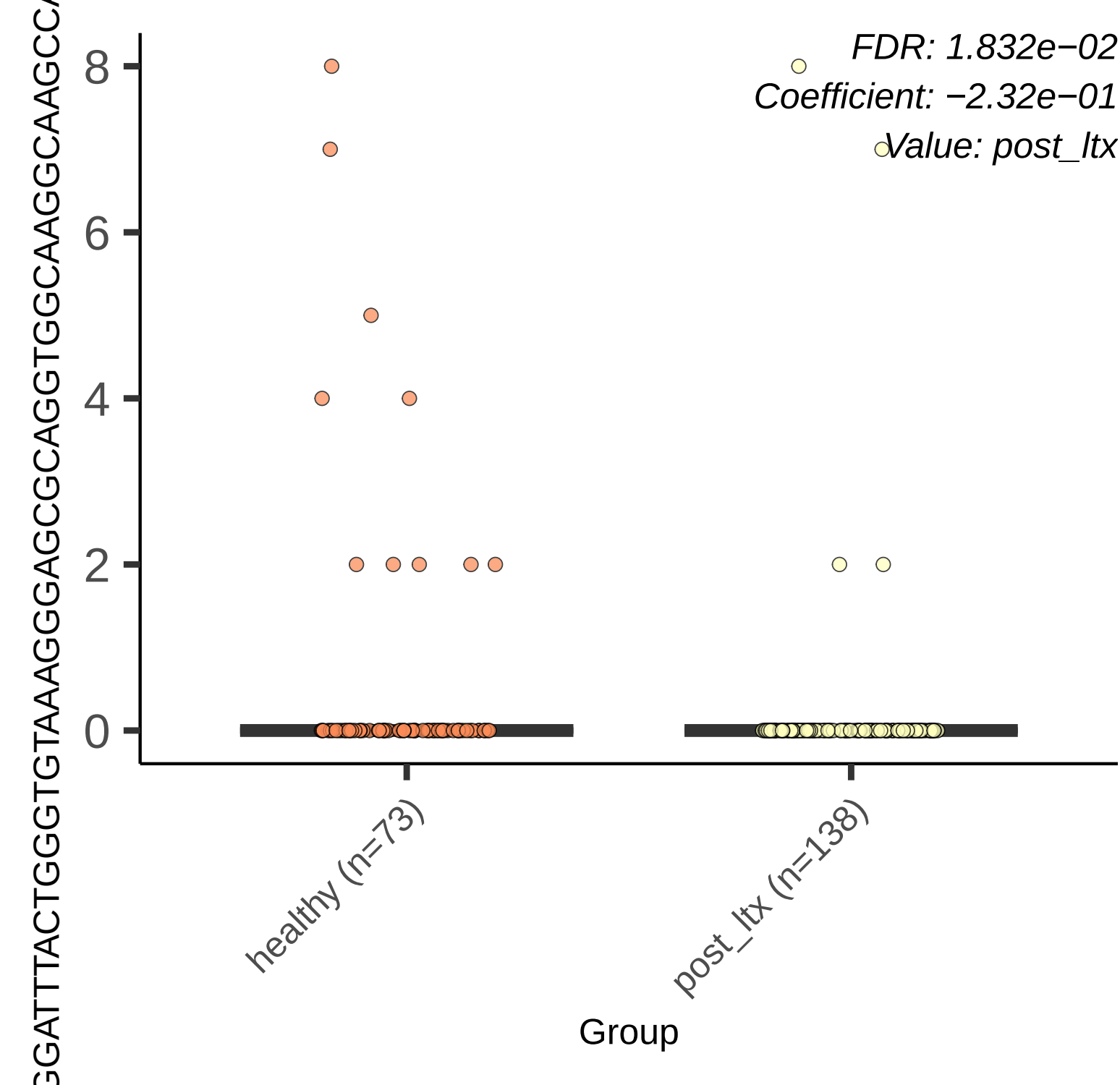
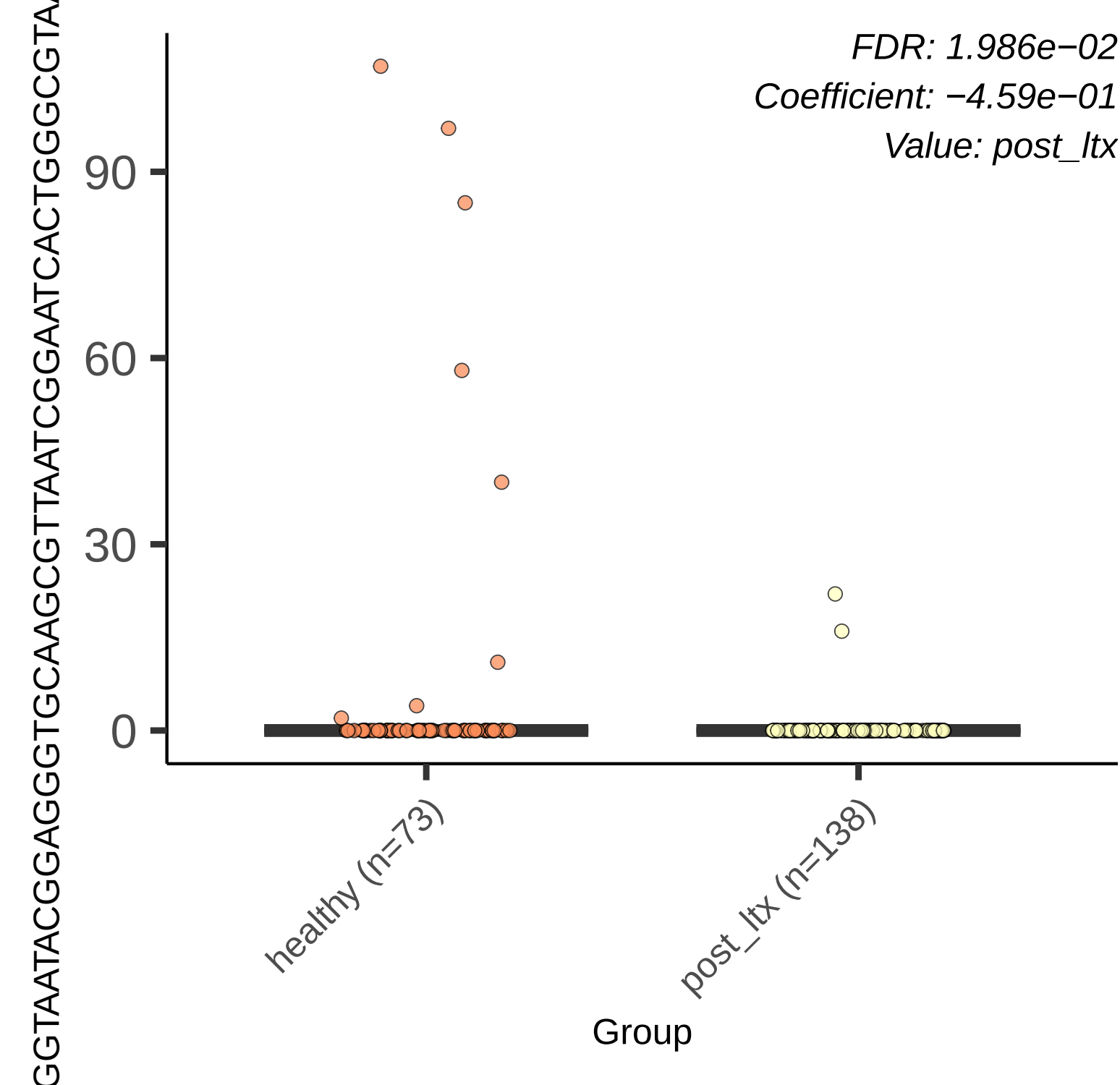
Coefficient: −9.11e−01
Value: post_ltx
1000
500
0
healthy (n=73)
post_ltx (n=138)
Group
GTCCGGATTTACTGGGTGTAAAGGGTGCGTAGGCGGCTTTGCAAG


FDR: 1.832e−02
Coefficient: −1.57e+00
Value: post_ltx
3000
2000
1000
0
healthy (n=73)
post_ltx (n=138)
Group
ACGGAGGATGCGAGCGTTATCCGGATTTATTGGGTTTAAAGGGTG


FDR: 1.832e−02
Coefficient: −2.32e−01
Value: post_ltx
8
6
4
2
0
healthy (n=73)
post_ltx (n=138)
Group
GGATTTACTGGGTGTAAAGGGAGCGCAGGTGGCAAGGCAA


FDR: 1.986e−02
Coefficient: −4.59e−01
Value: post_ltx
90
60
30
0
healthy (n=73)
post_ltx (n=138)
Group
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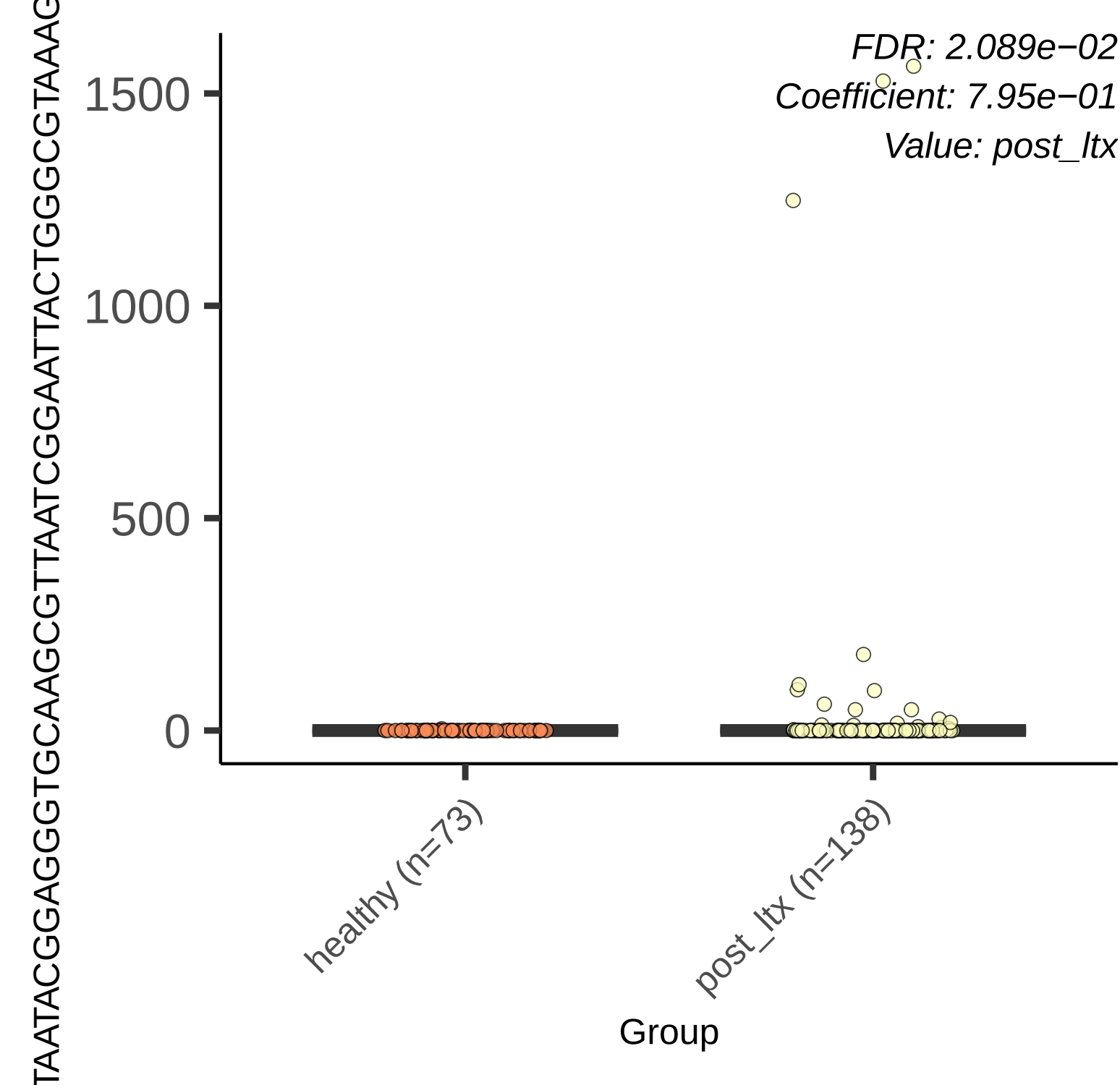
FDR: 2.089e−02
Coefficient: 7.95e−01
Value: post_ltx
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1000
500
0
healthy (n=73)
post_ltx (n=138)
Group
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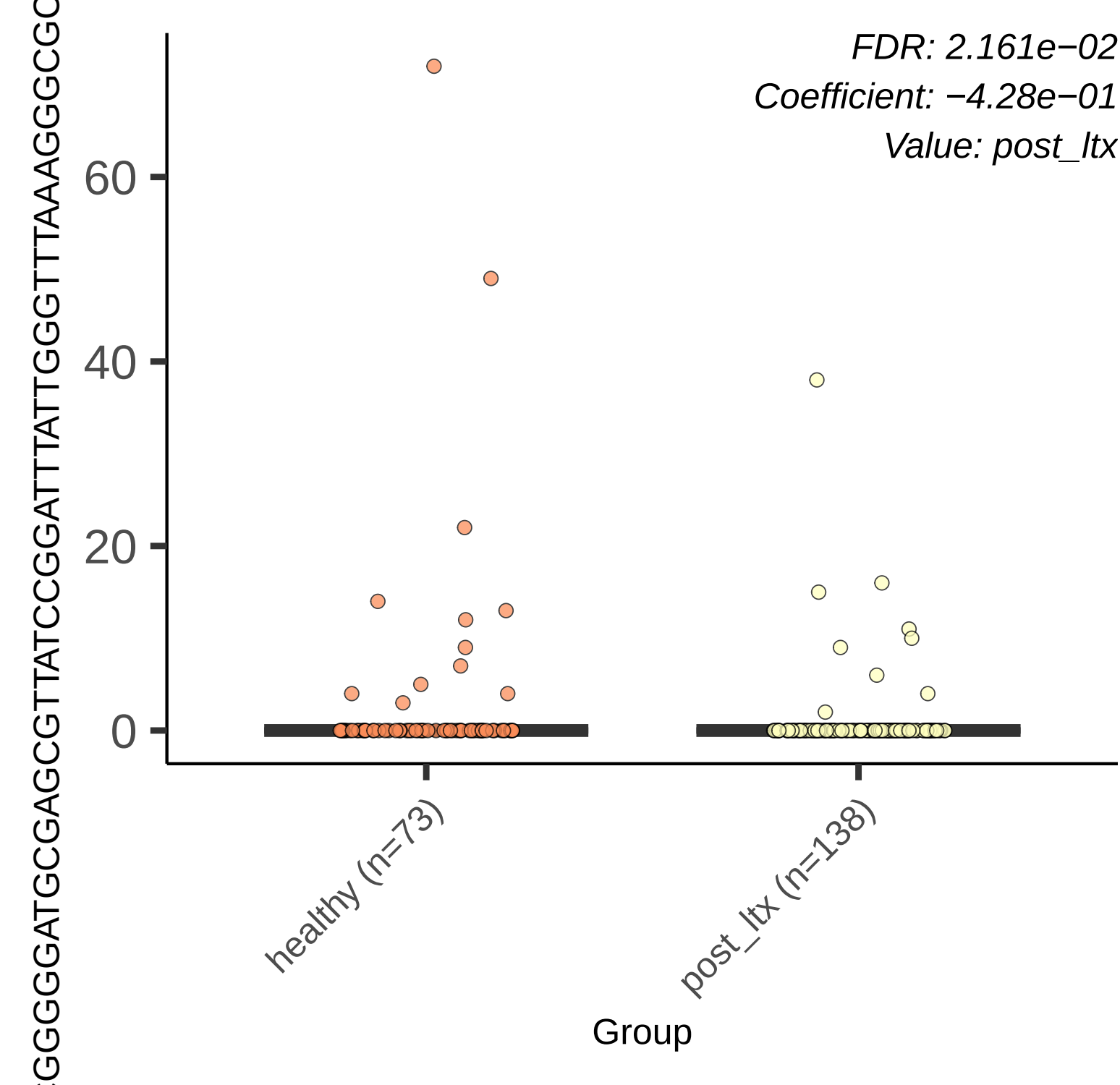
FDR: 2.161e−02
Coefficient: −4.28e−01
Value: post_ltx
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40
20
0
healthy (n=73)
post_ltx (n=138)
Group
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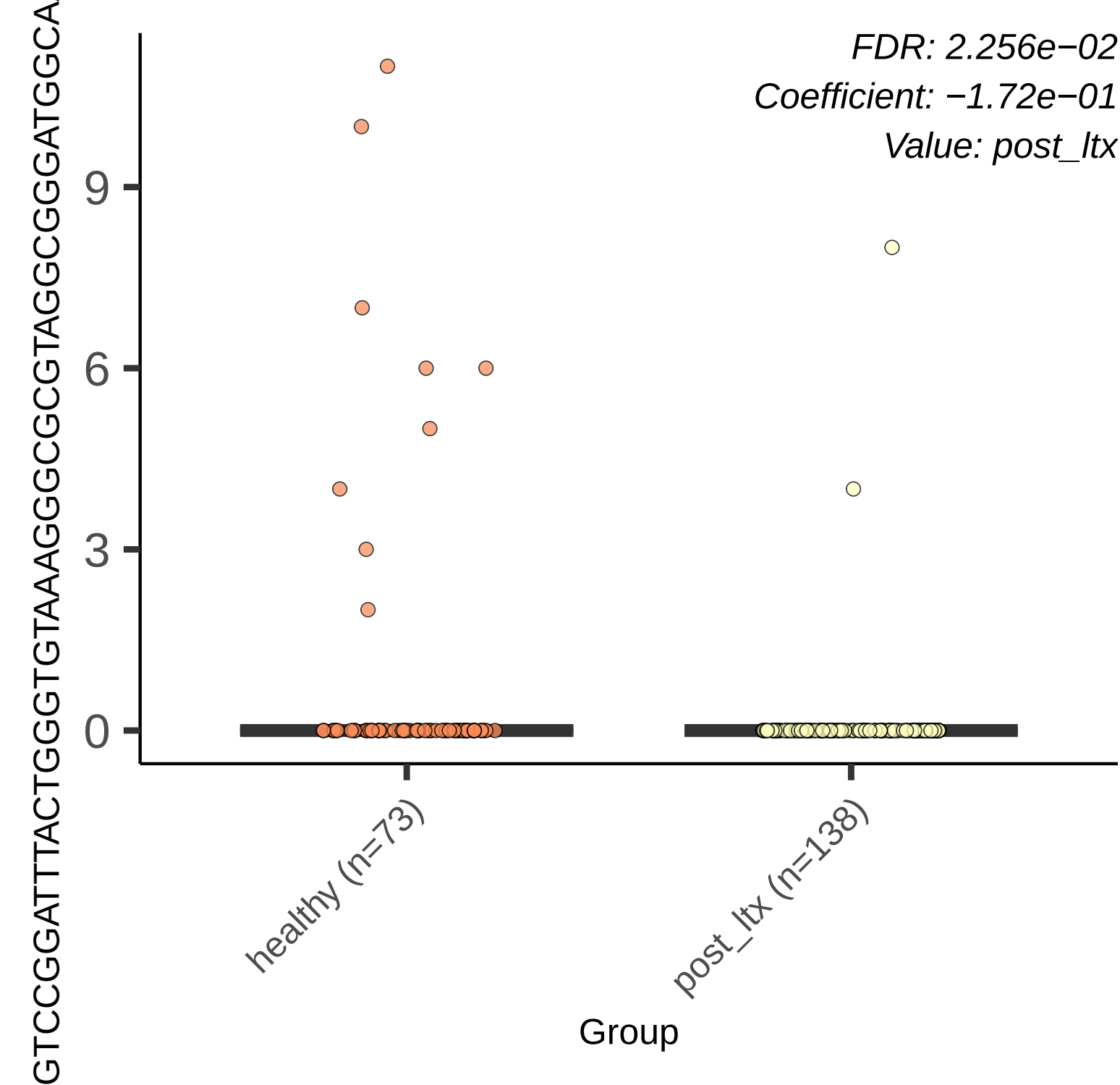
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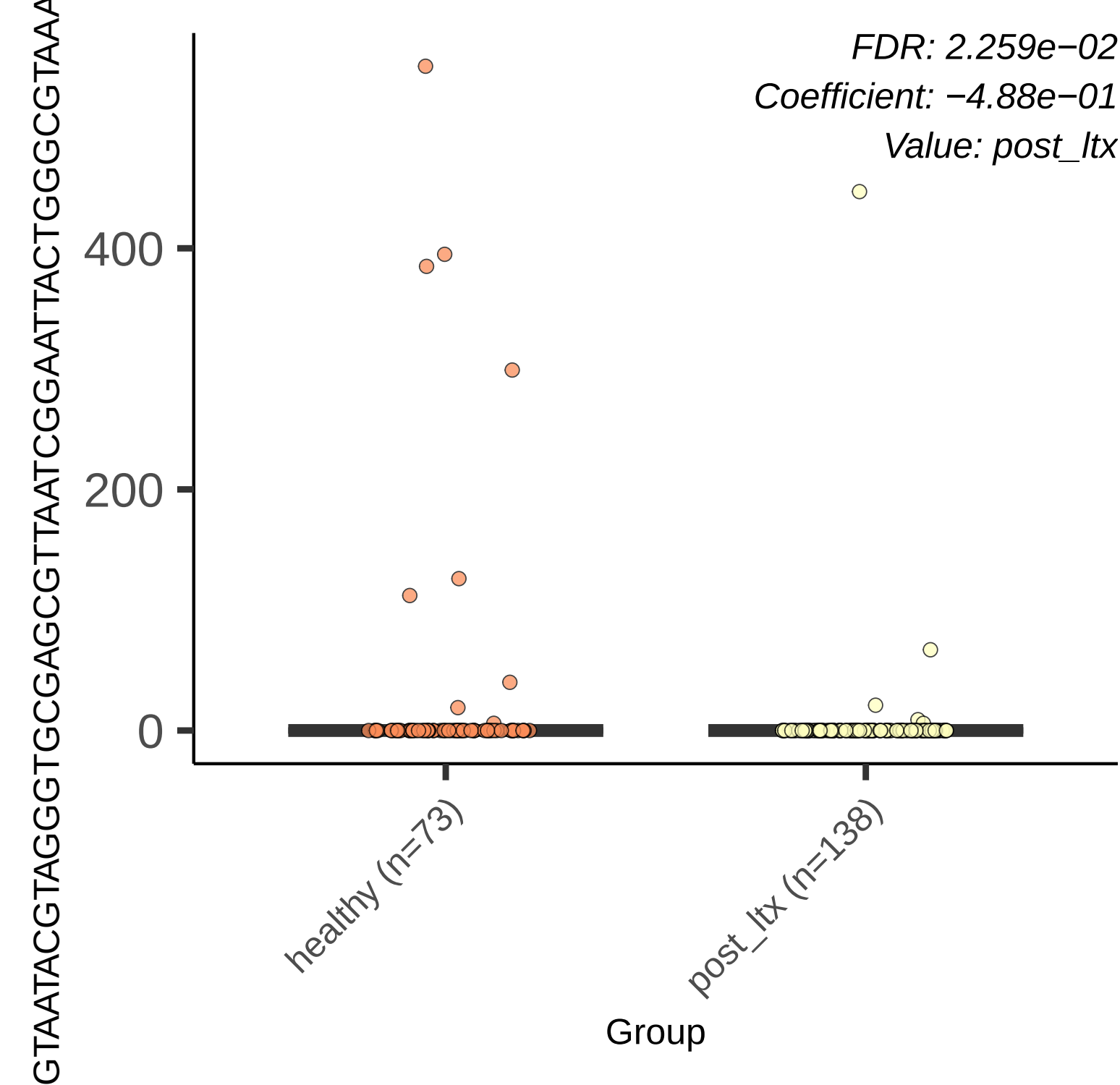
Coefficient: −1.72e−01
Value: post_ltx
GTCCGGATTTACTGGGTGTAAAGGGCGCGTAGGCGGGATGGCA
9
6
3
0
healthy (n=73)
post_ltx (n=138)
Group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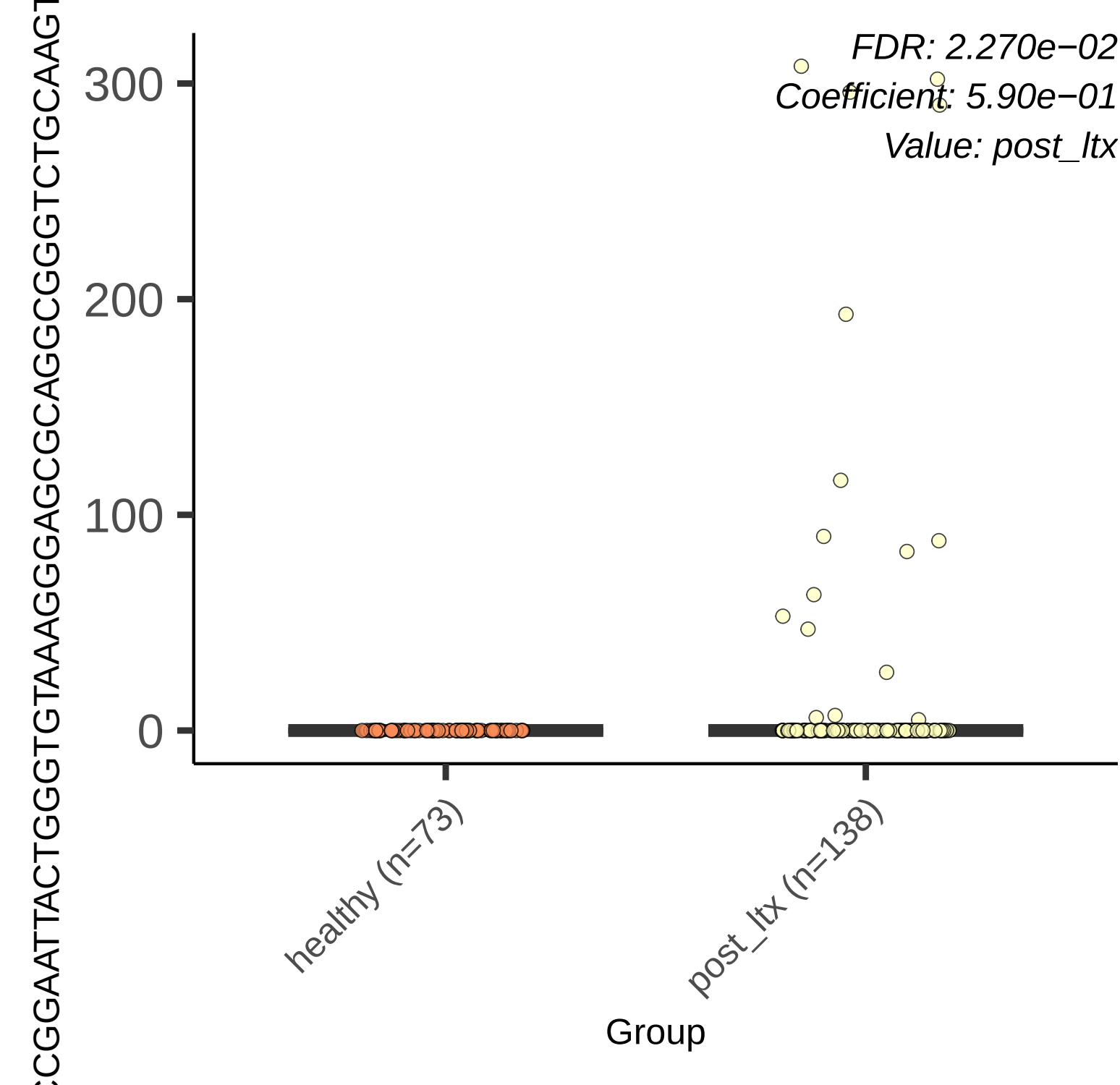
Coefficient: −4.88e−01
Value: post_ltx
400
200
0
healthy (n=73)
post_ltx (n=138)
Group
GTAATACGTAGGGTGCGAGCGTTAATCGGAATTACTGGGCGTAAA


FDR: 2.270e−02
Coefficient: 5.90e−01
Value: post_ltx
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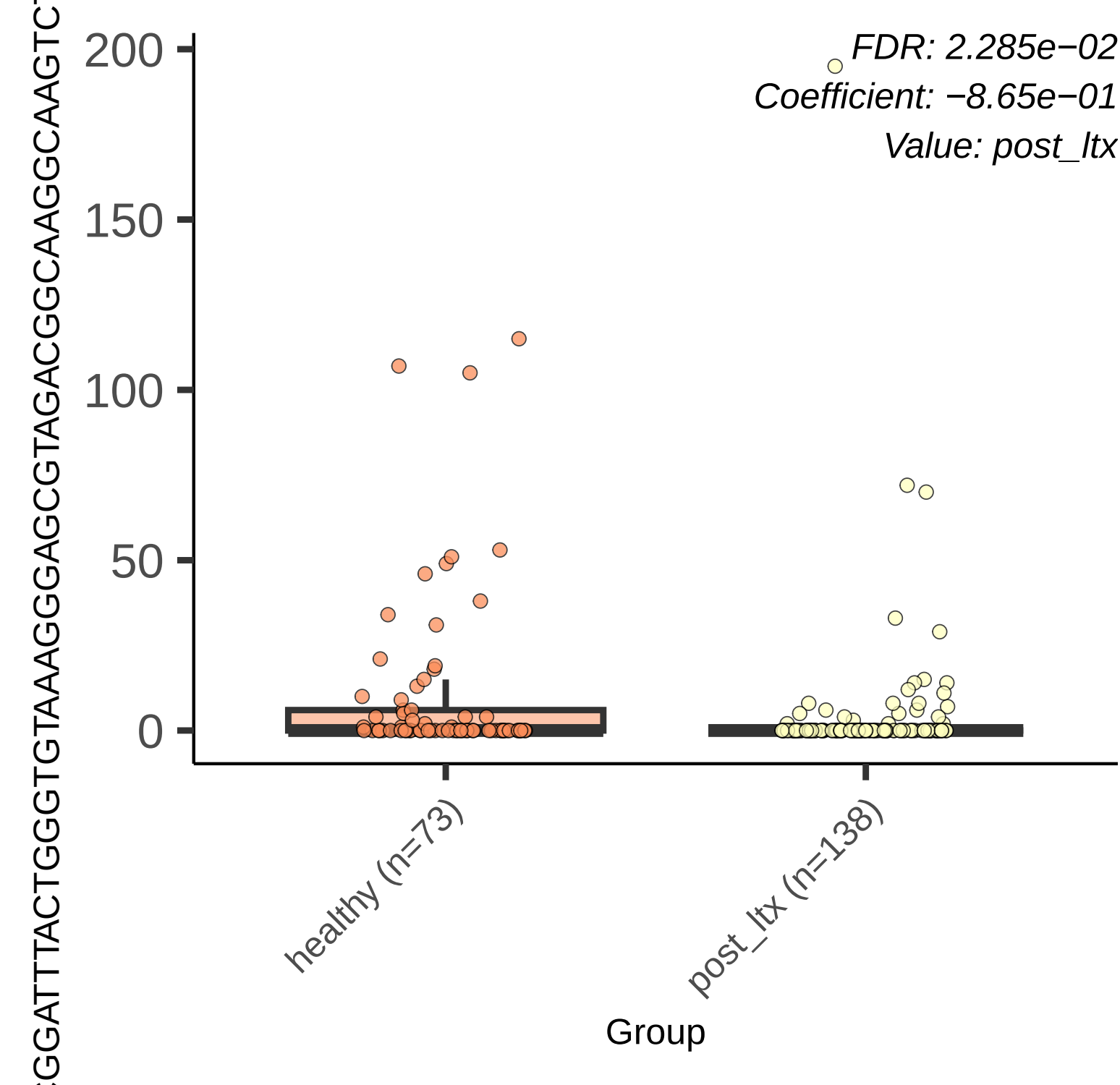
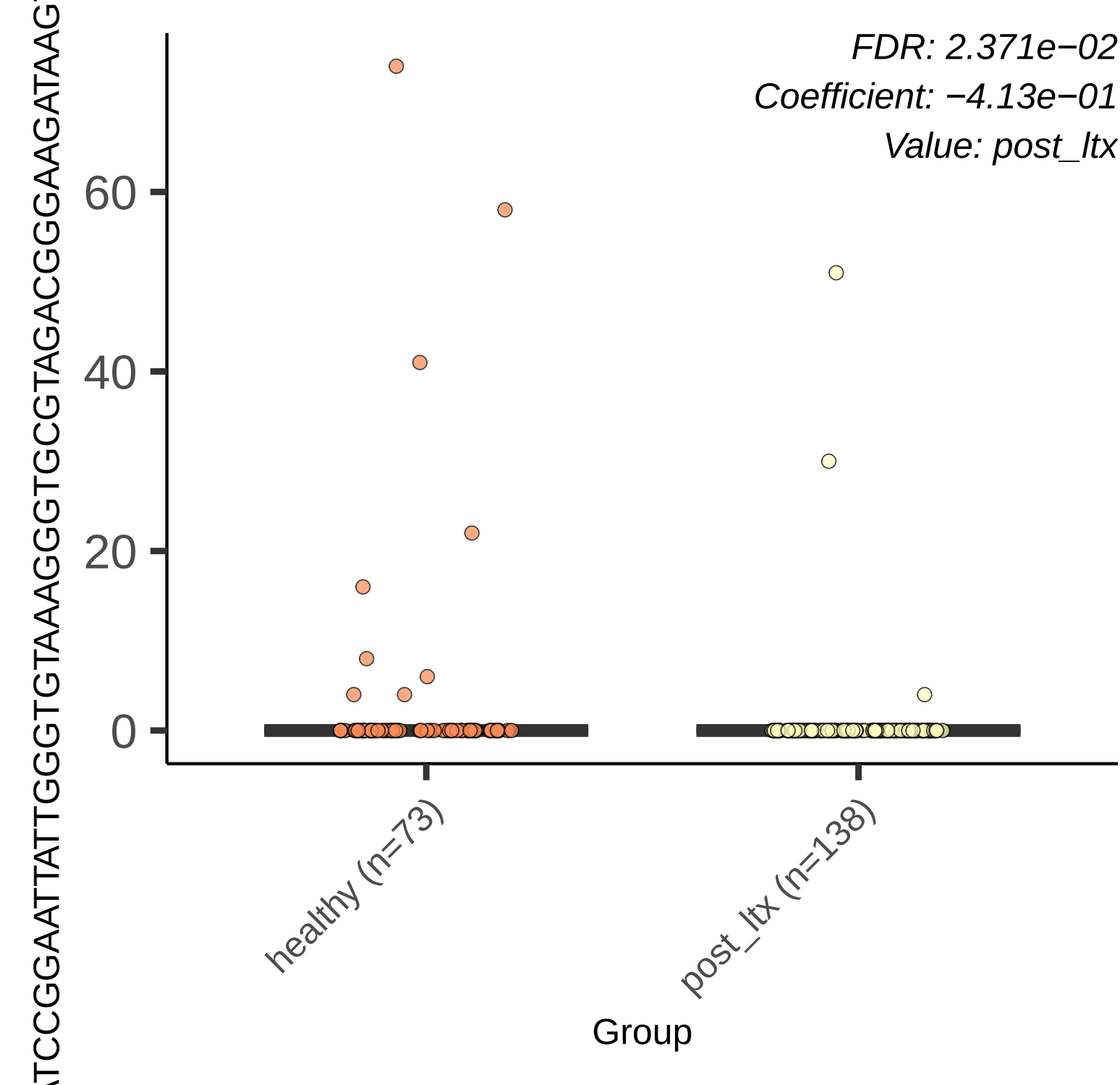
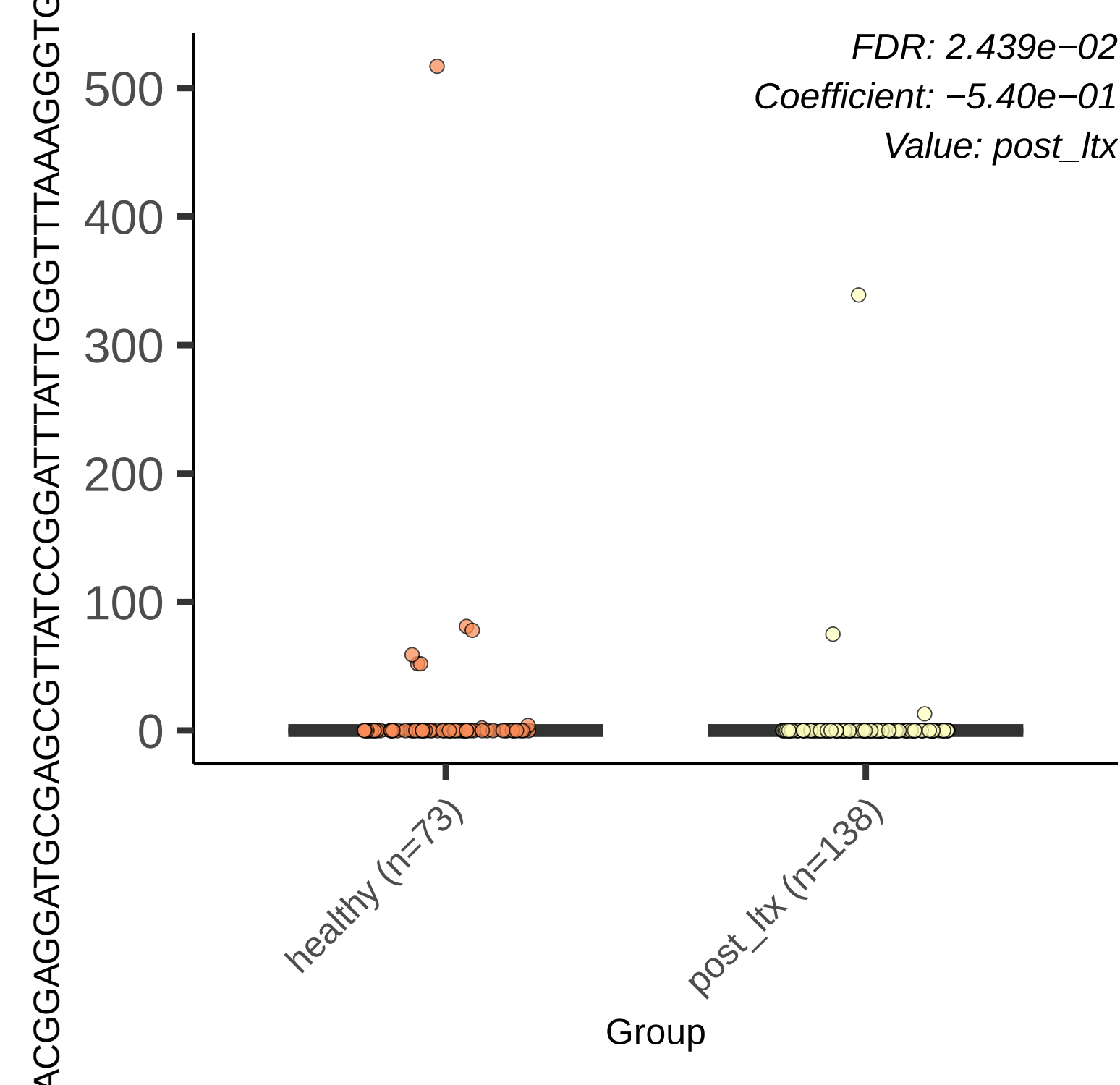
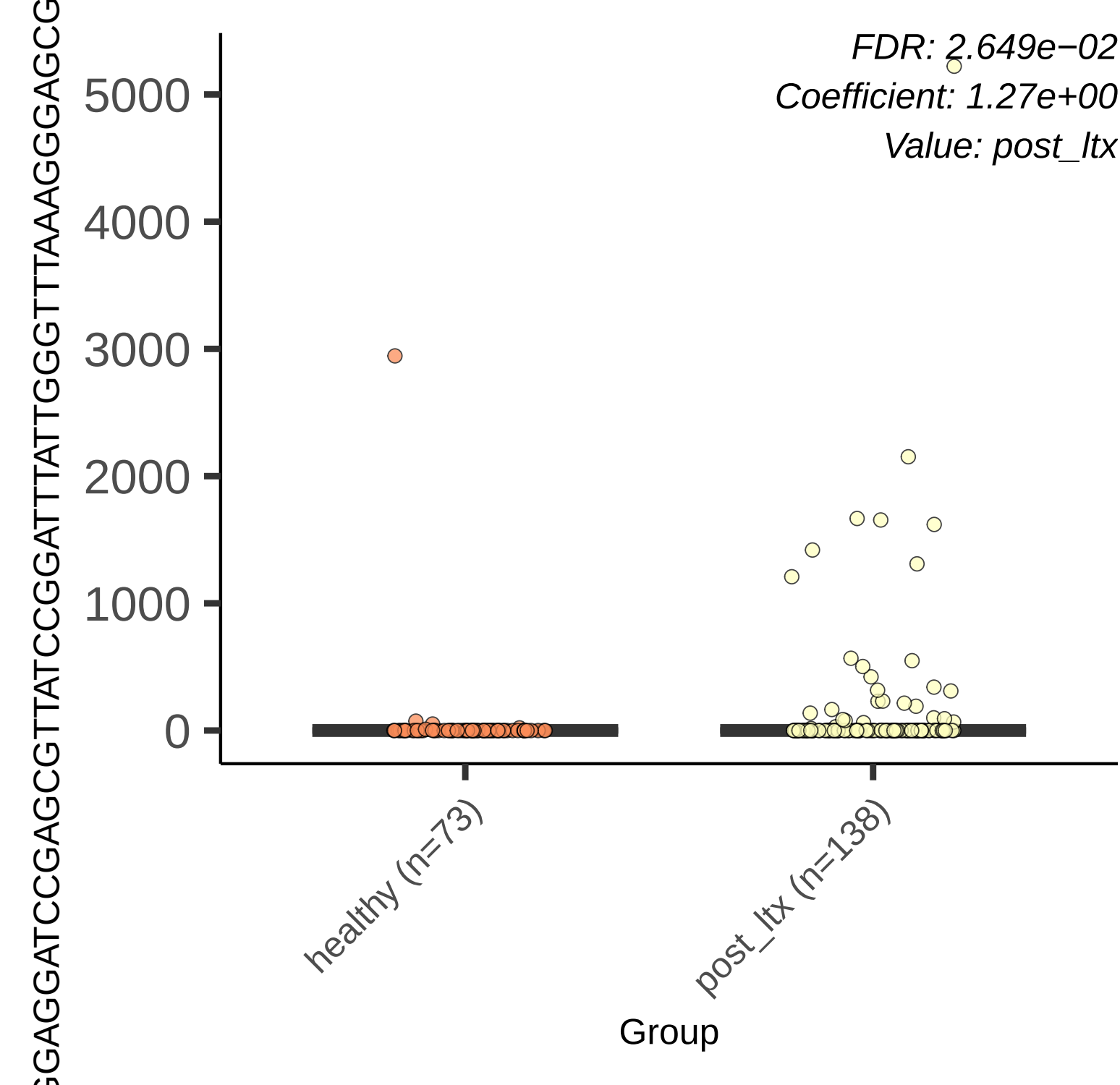
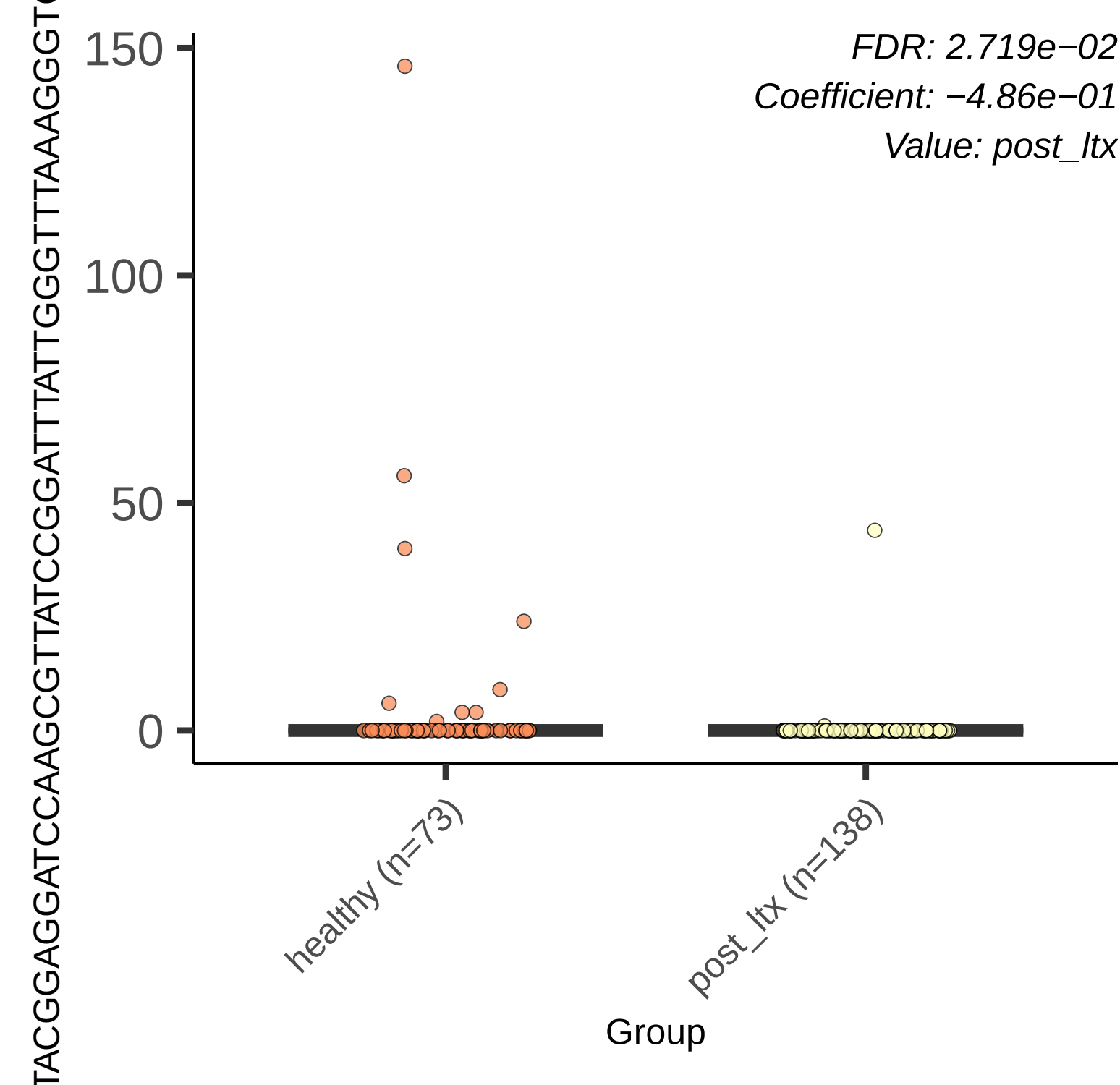
200
100
0
healthy (n=73)
post_ltx (n=138)
Group
CGGAATTACTGGGTGTAAAGGGAGCGCAGGCGGGTCTGCAAGT

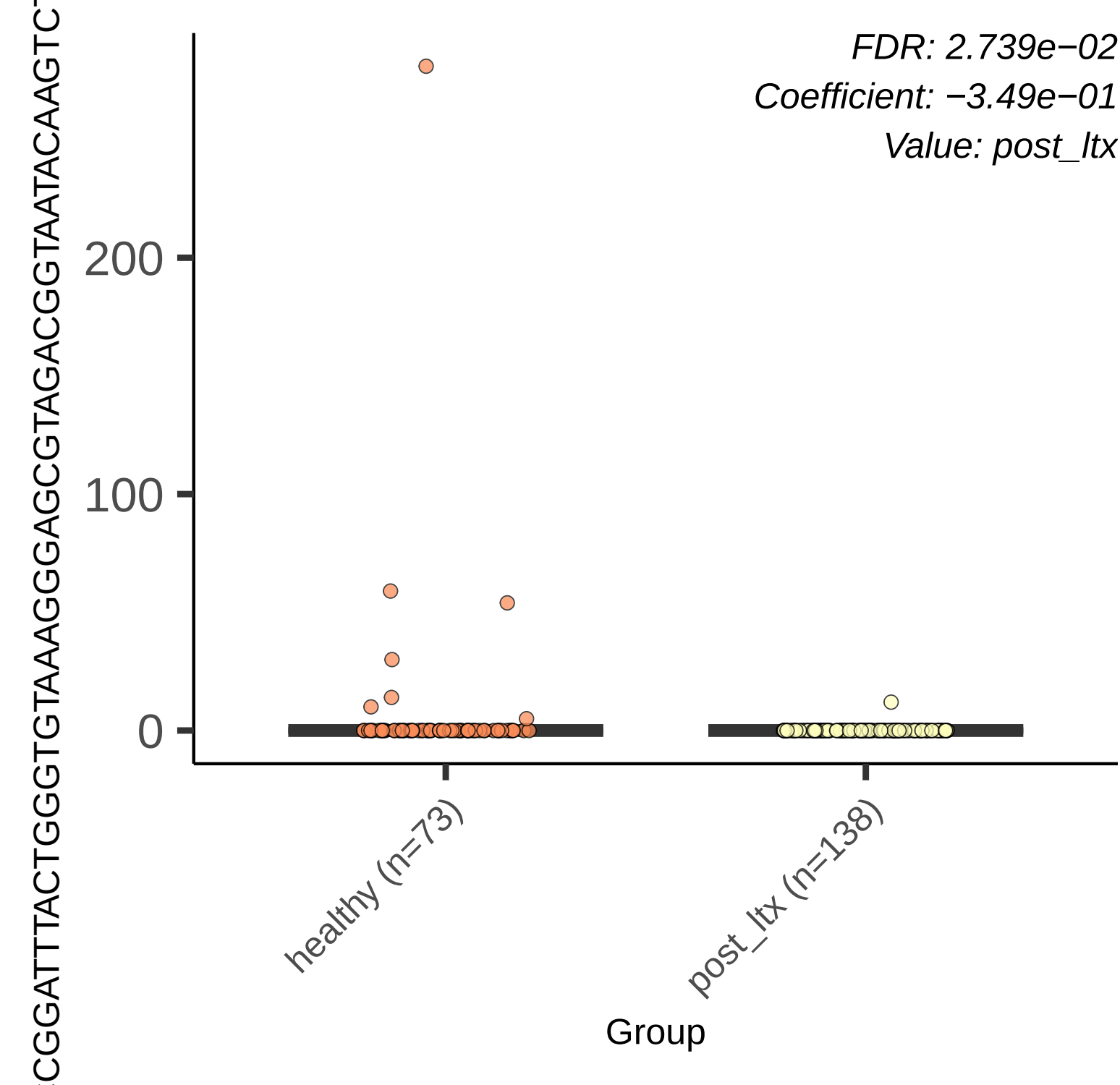

FDR: 2.285e−02
Coefficient: −8.65e−01
Value: post_ltx
200
150
100
50
0
healthy (n=73)
post_ltx (n=138)
Group
GGATTTACTGGGTGTAAAGGGAGCGTAGACGGCAAGGCAAGTC

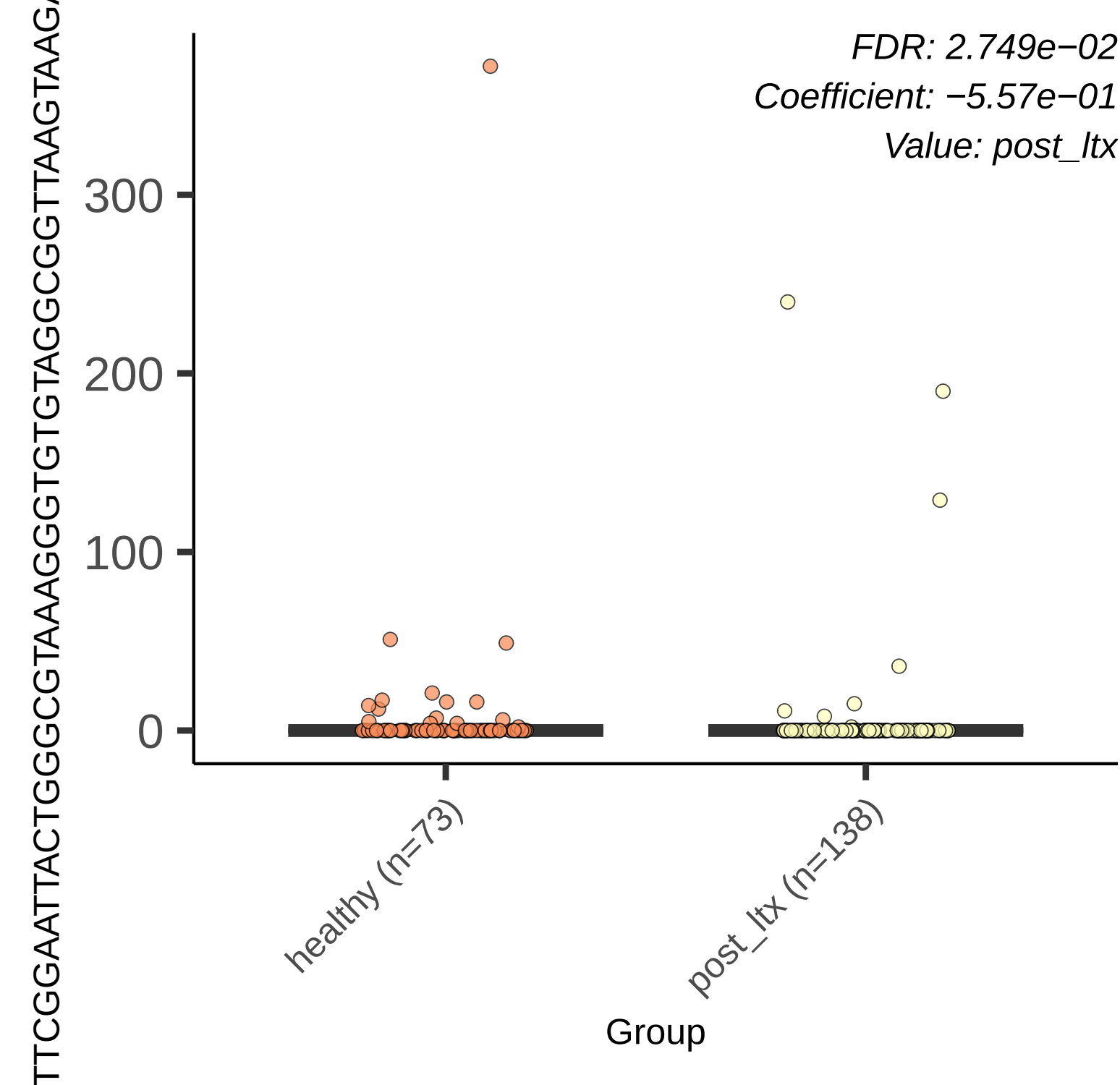

FDR: 2.371e−02
Coefficient: −4.13e−01
Value: post_ltx
60
40
20
0
healthy (n=73)
post_ltx (n=138)
Group
TCCGGAATTATTGGGTGTAAAGGGTGCGTAGACGGGAAGATAAG

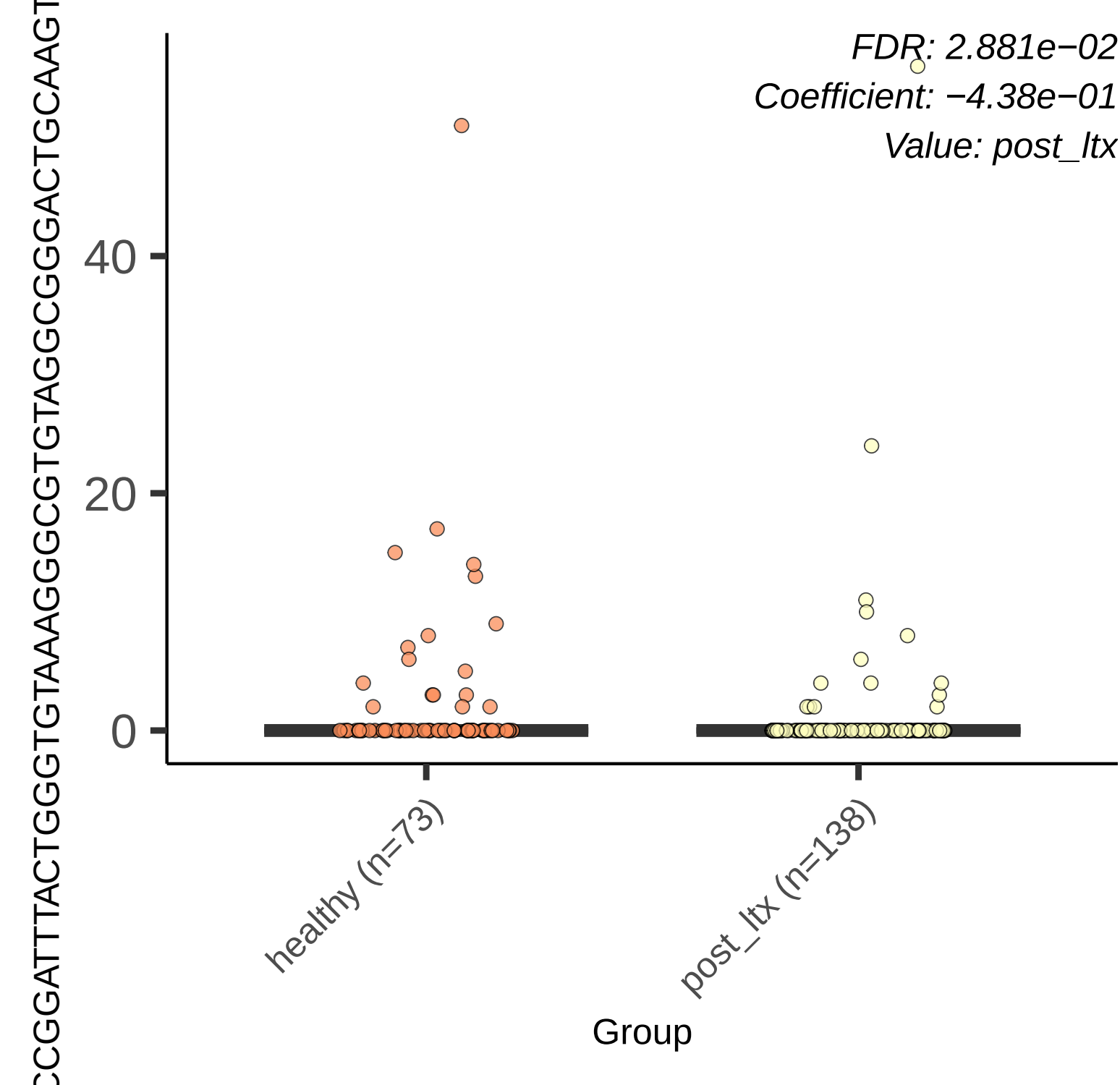

FDR: 2.439e−02
Coefficient: −5.40e−01
Value: post_ltx
500
400
300
200
100
0
healthy (n=73)
post_ltx (n=138)
Group
ACGGAGGATGCGAGCGTTATCCGGATTTATTGGGTTTAAAGGGTG

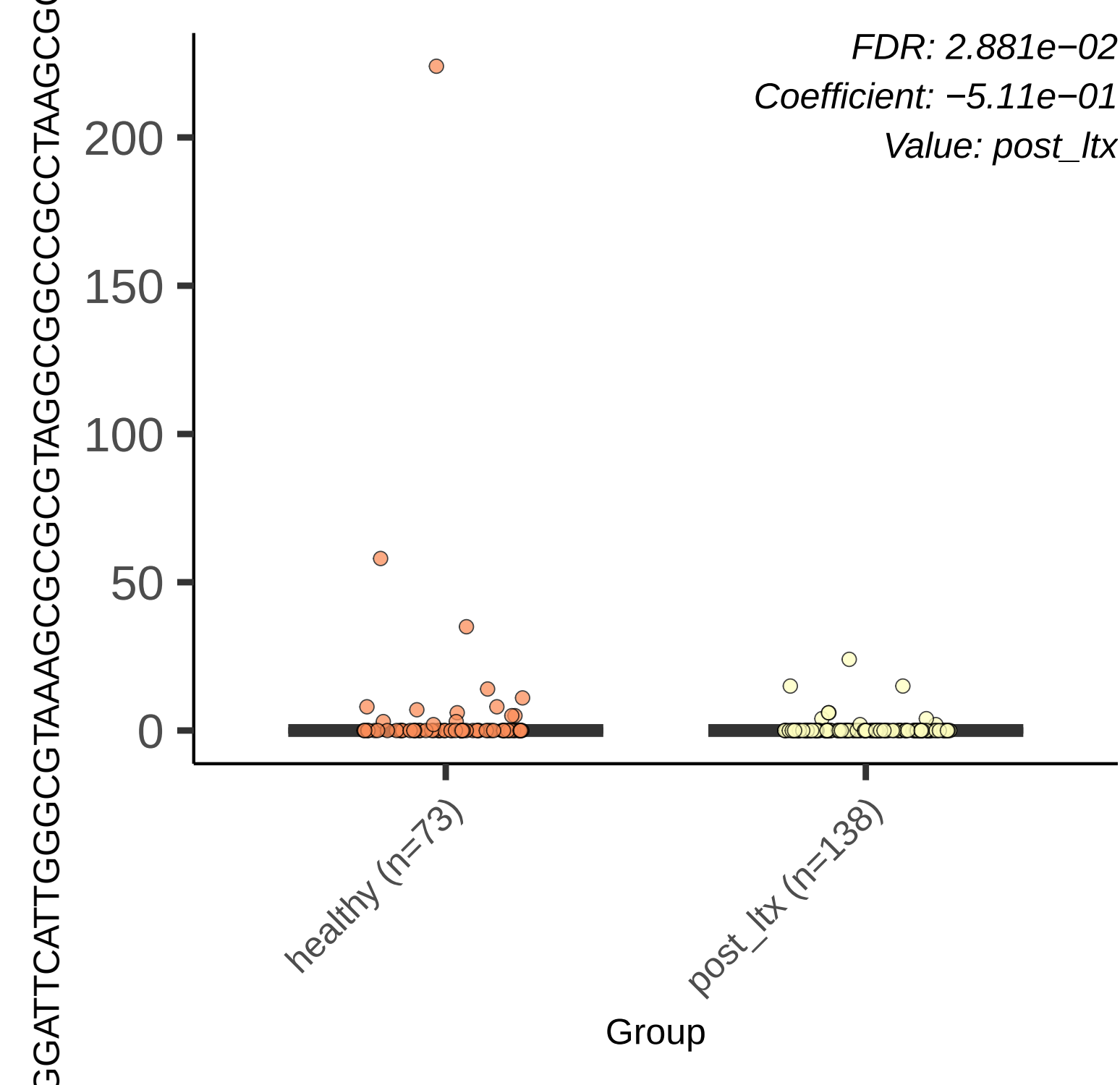

GGAGGATCCGAGCGTTATCCGGATTTATTGGGTTTAAAGGGAGCG
FDR: 2.649e−02
Coefficient: 1.27e+00
Value: post_ltx
5000
4000
3000
2000
1000
0
healthy (n=73)
post_ltx (n=138)
Group

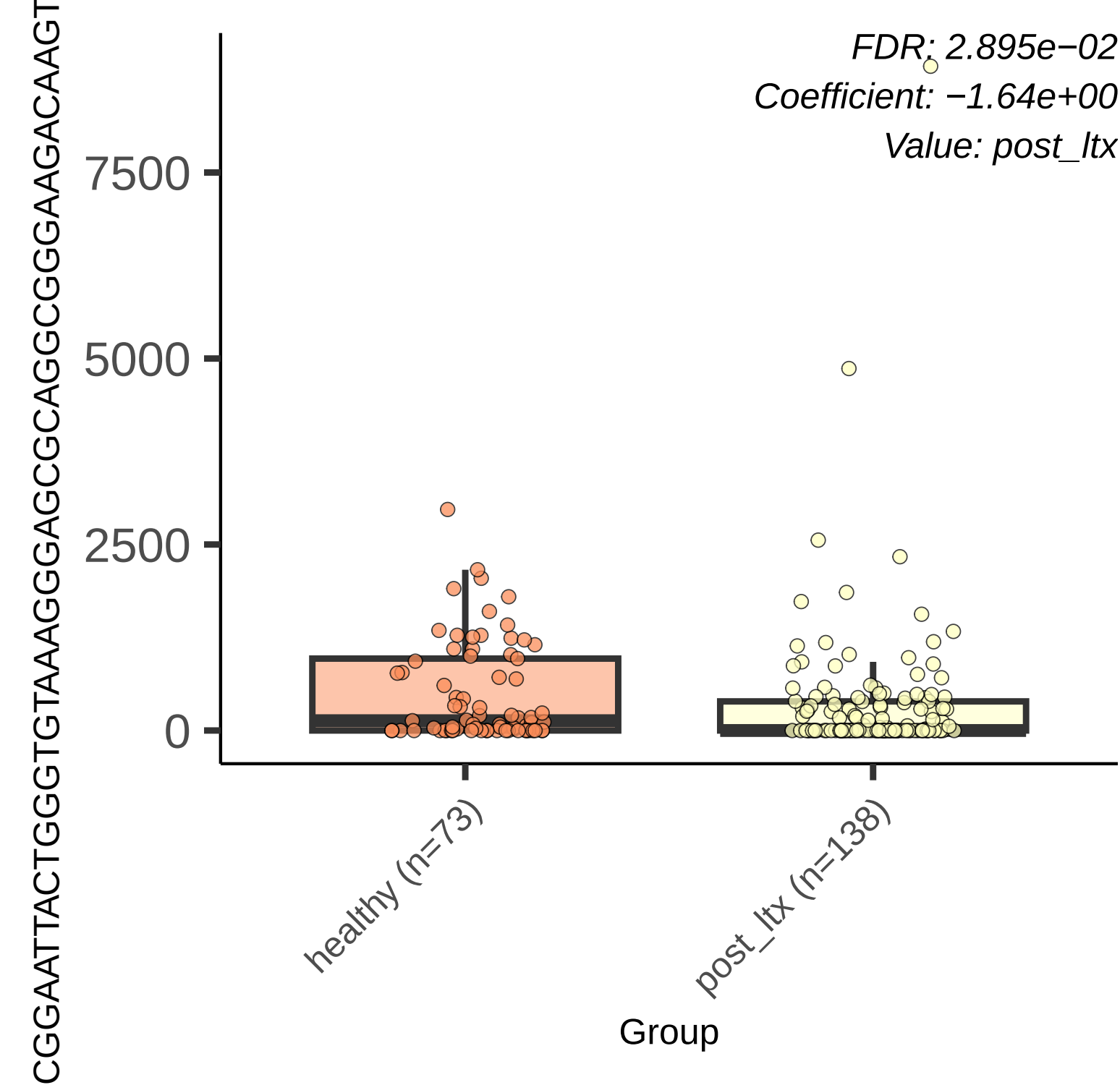

FDR: 2.719e−02
Coefficient: −4.86e−01
Value: post_ltx
150
100
50
0
healthy (n=73)
post_ltx (n=138)
Group
TACGGAGGATCCAAGCGTTATCCGGATTTATTGGGTTTAAAGGGT


FDR: 2.739e−02
Coefficient: −3.49e−01
Value: post_ltx
200
100
0
healthy (n=73)
post_ltx (n=138)
Group
CGGATTTACTGGGTGTAAAGGGAGCGTAGACGGTAATACAAGTC


FDR: 2.749e−02
Coefficient: −5.57e−01
Value: post_ltx
300
200
100
0
healthy (n=73)
post_ltx (n=138)
Group
TTCGGAATTACTGGGCGTAAAGGGTGTAGGCGGTTAAGTAA


FDR: 2.881e−02
Coefficient: −4.38e−01
Value: post_ltx
40
20
0
healthy (n=73)
post_ltx (n=138)
Group
CCGGATTTACTGGGTGTAAAGGGCGTGTAGGCGGGACTGCAAGT


FDR: 2.881e−02
Coefficient: −5.11e−01
Value: post_ltx
200
150
100
50
0
healthy (n=73)
post_ltx (n=138)
Group
GGATTCATTGGGCGTAAAGCGCGCGTAGGCGGCCGCCTAAGCG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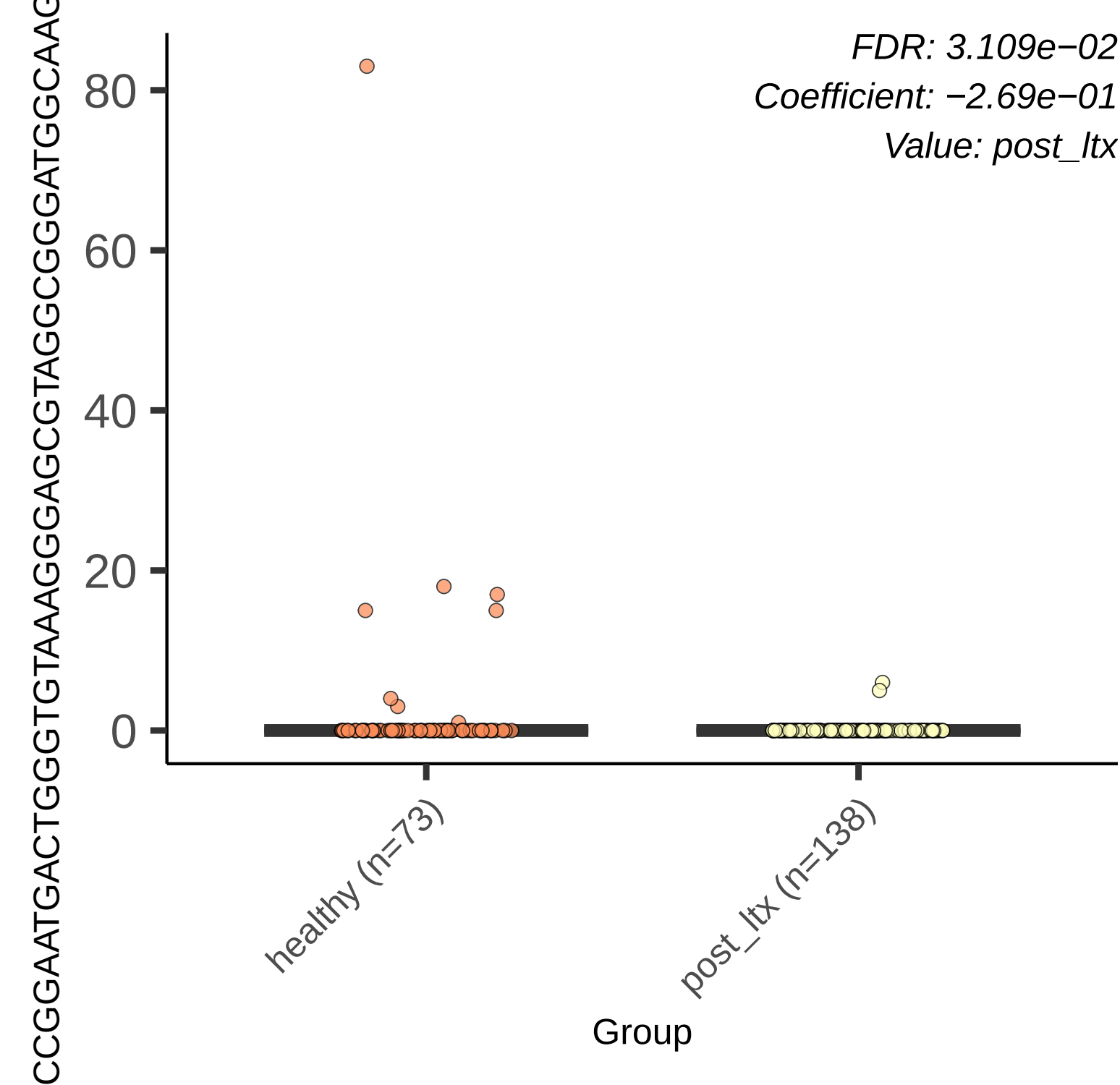
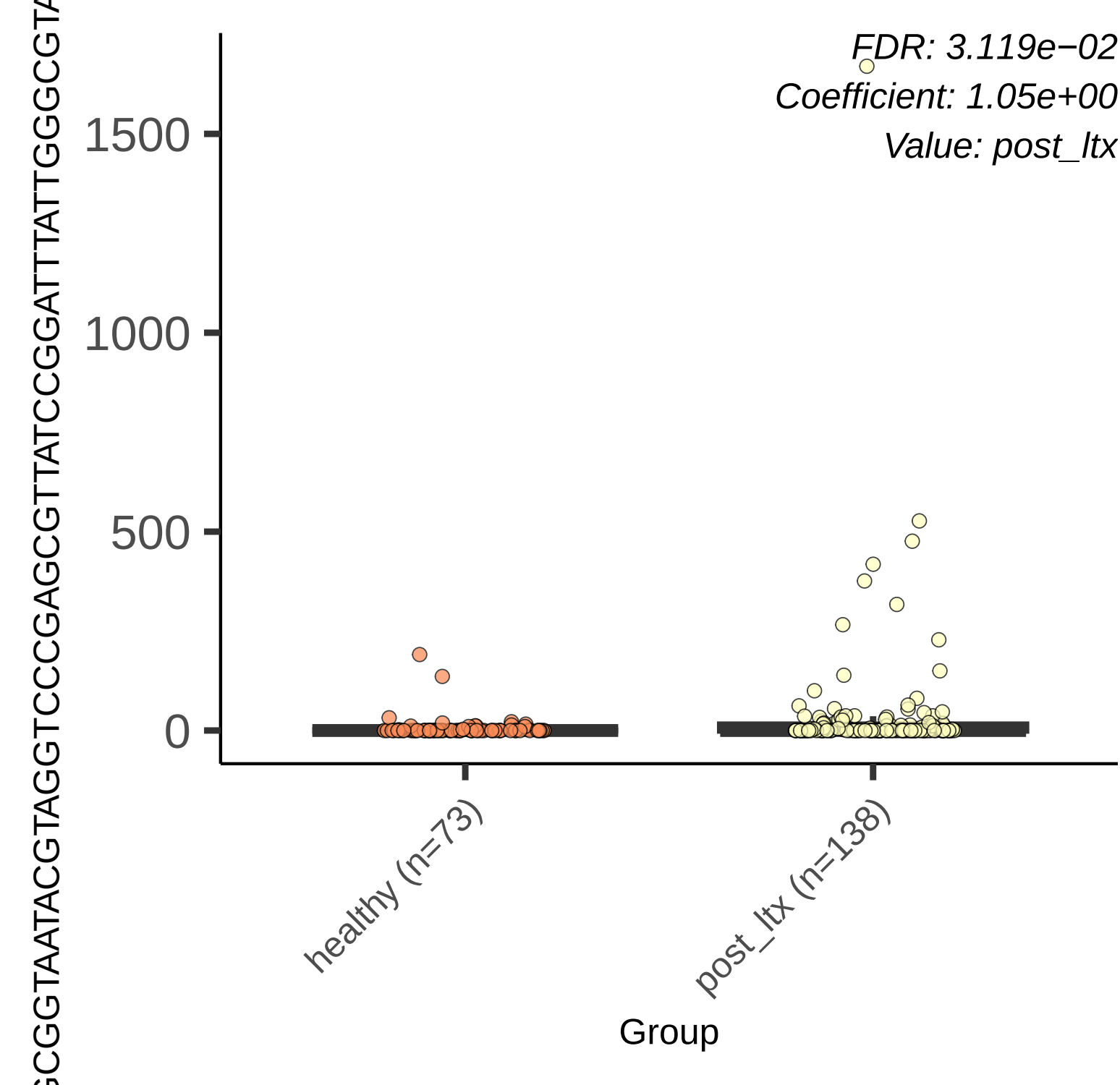
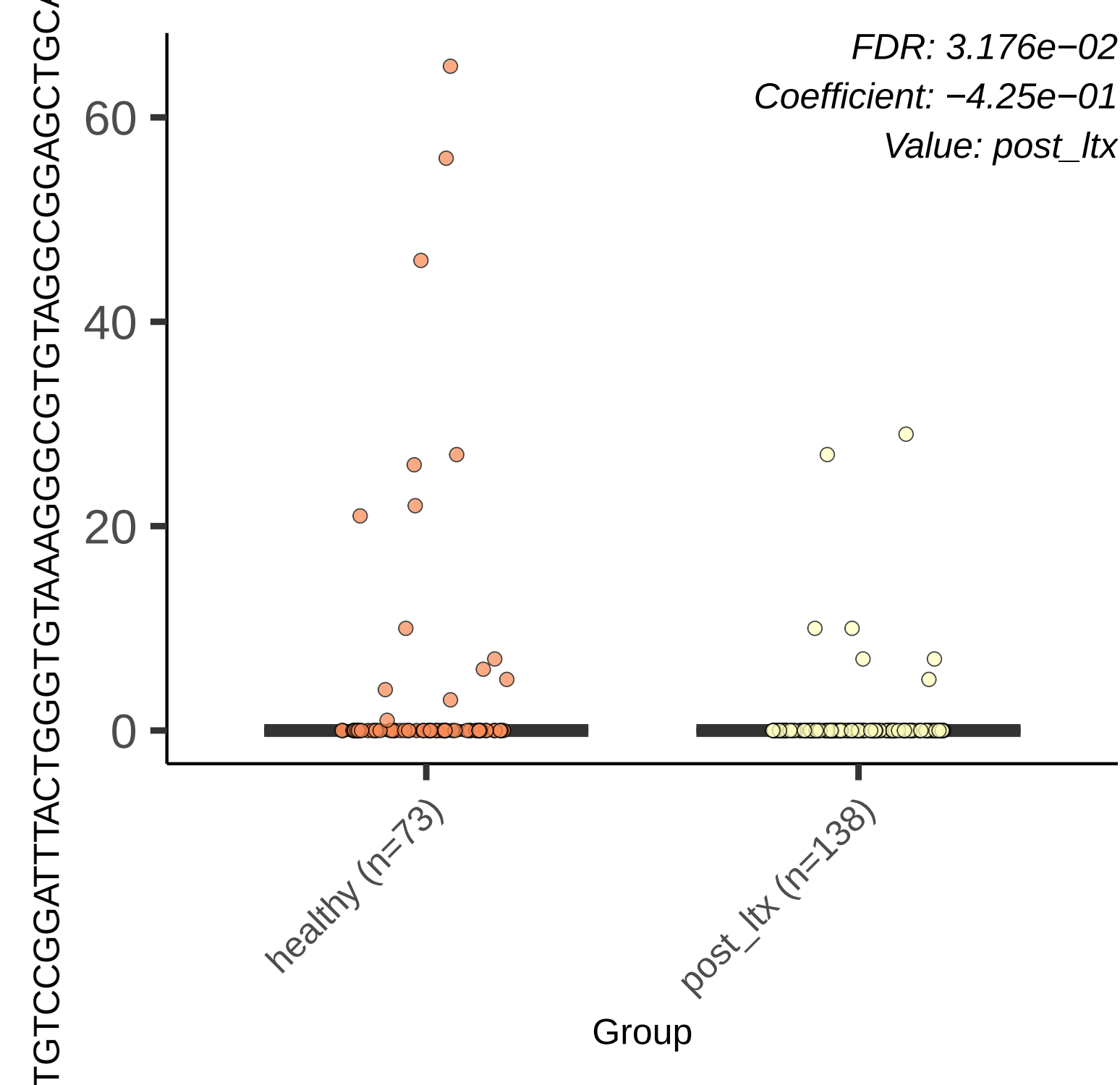
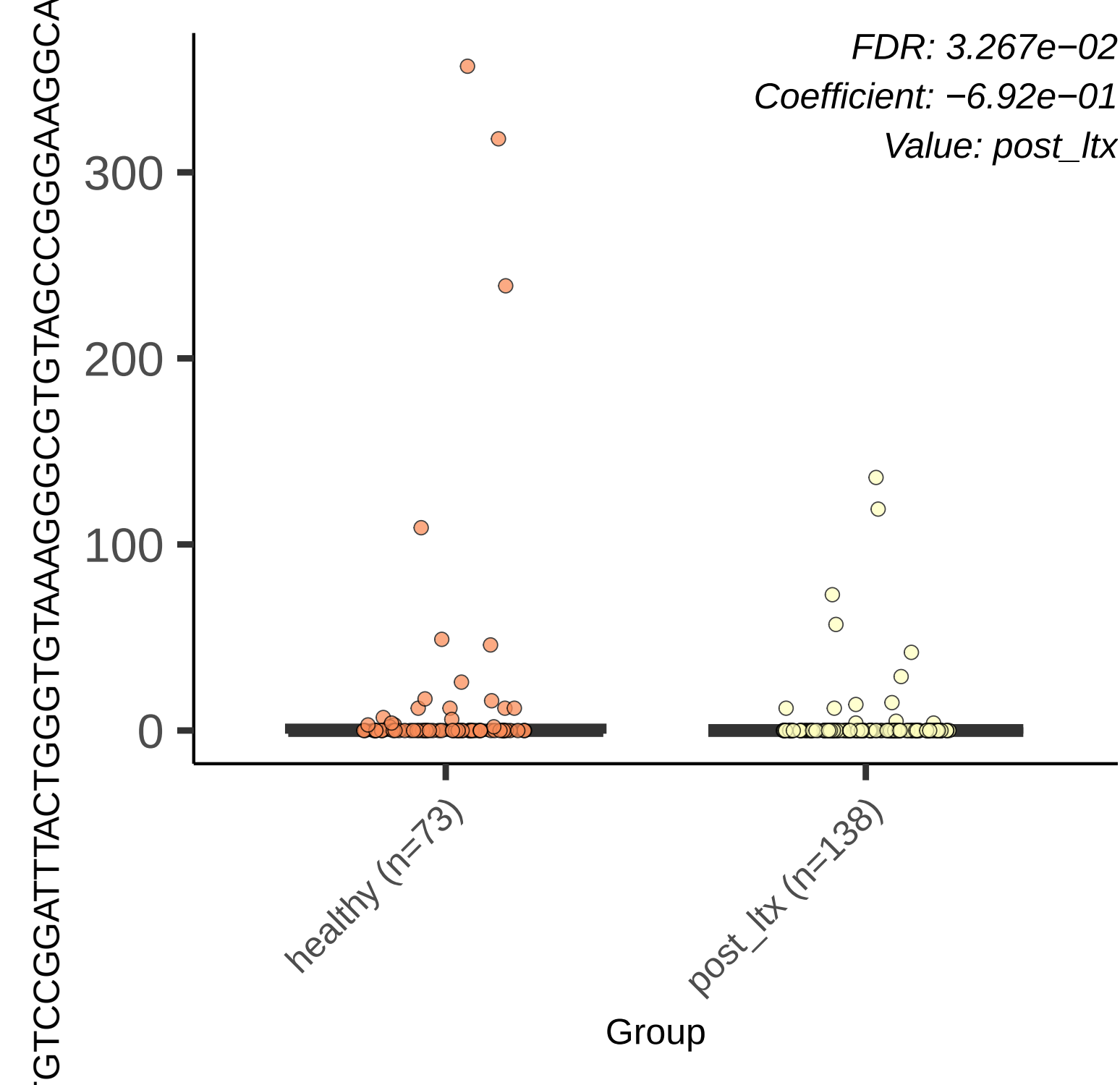
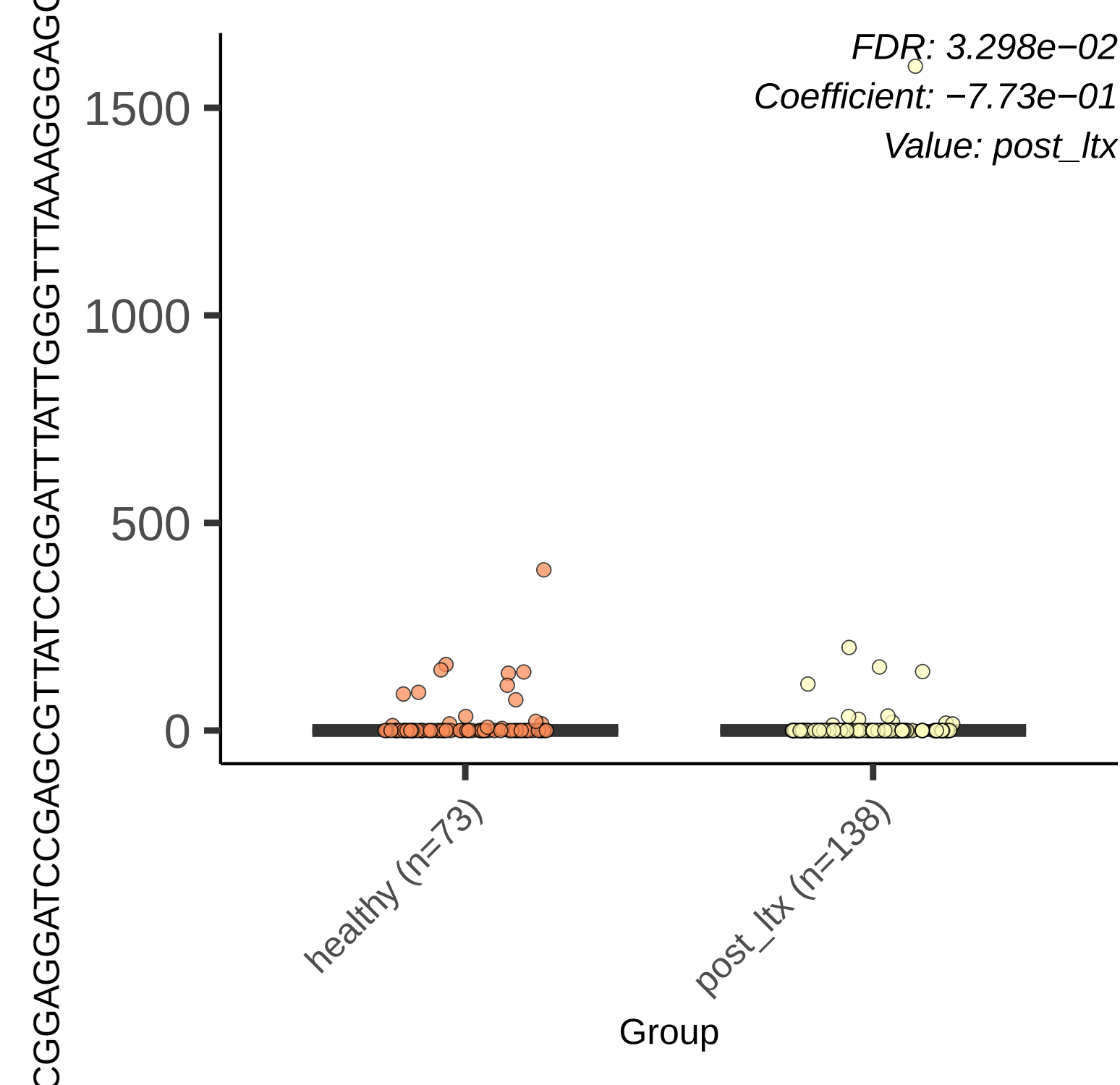
Coefficient: −1.64e+00
Value: post_ltx
7500
5000
2500
0
healthy (n=73)
post_ltx (n=138)
Group
CGGAATTACTGGGTGTAAAGGGAGCGCAGGCGGGAAGACAAGT

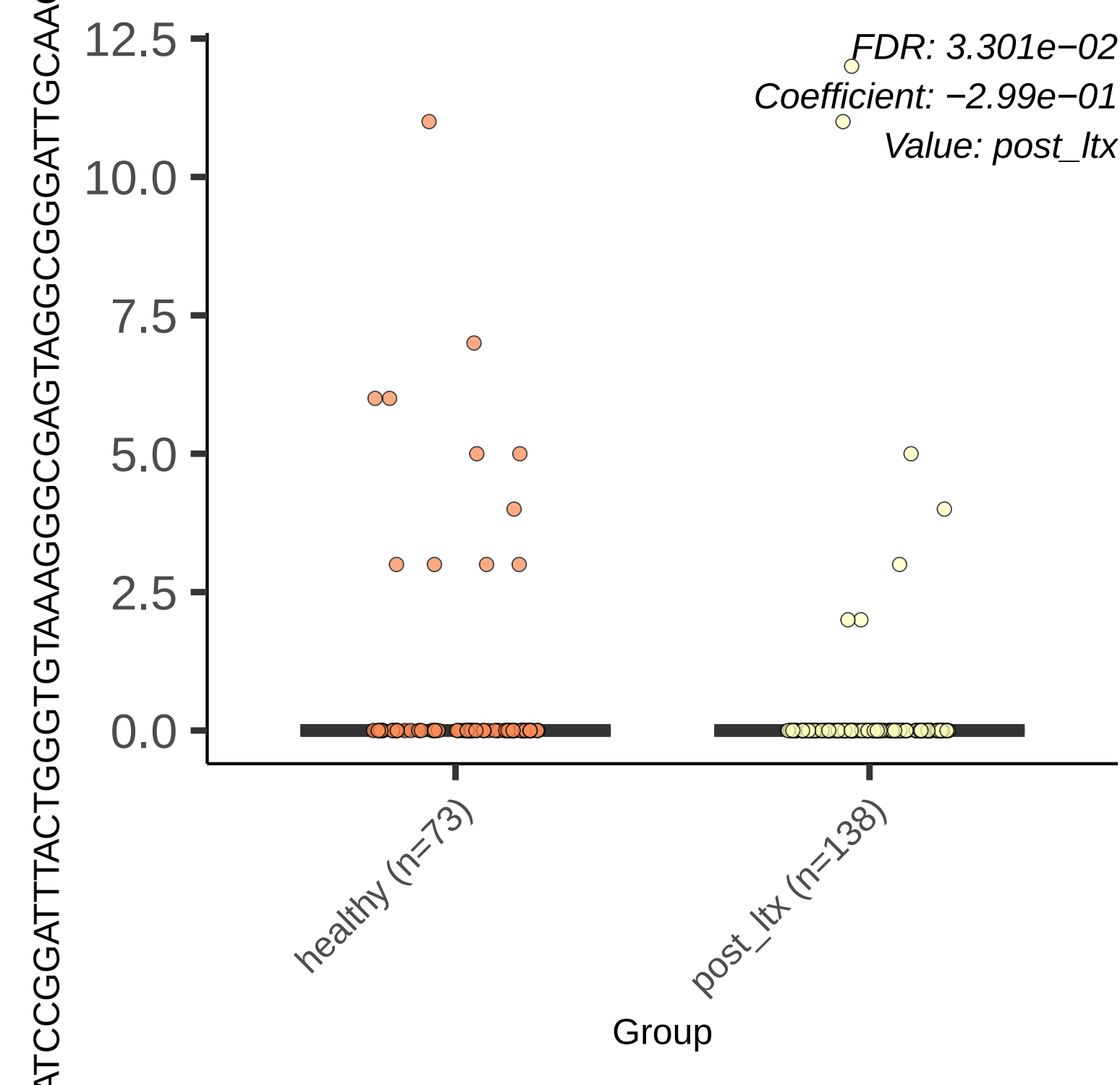

FDR: 3.109e−02
Coefficient: −2.69e−01
Value: post_ltx
80
60
40
20
0
healthy (n=73)
post_ltx (n=138)
Group
CCGGAATGACTGGGTGTAAAGGGAGCGTAGGCGGGATGGCAAG

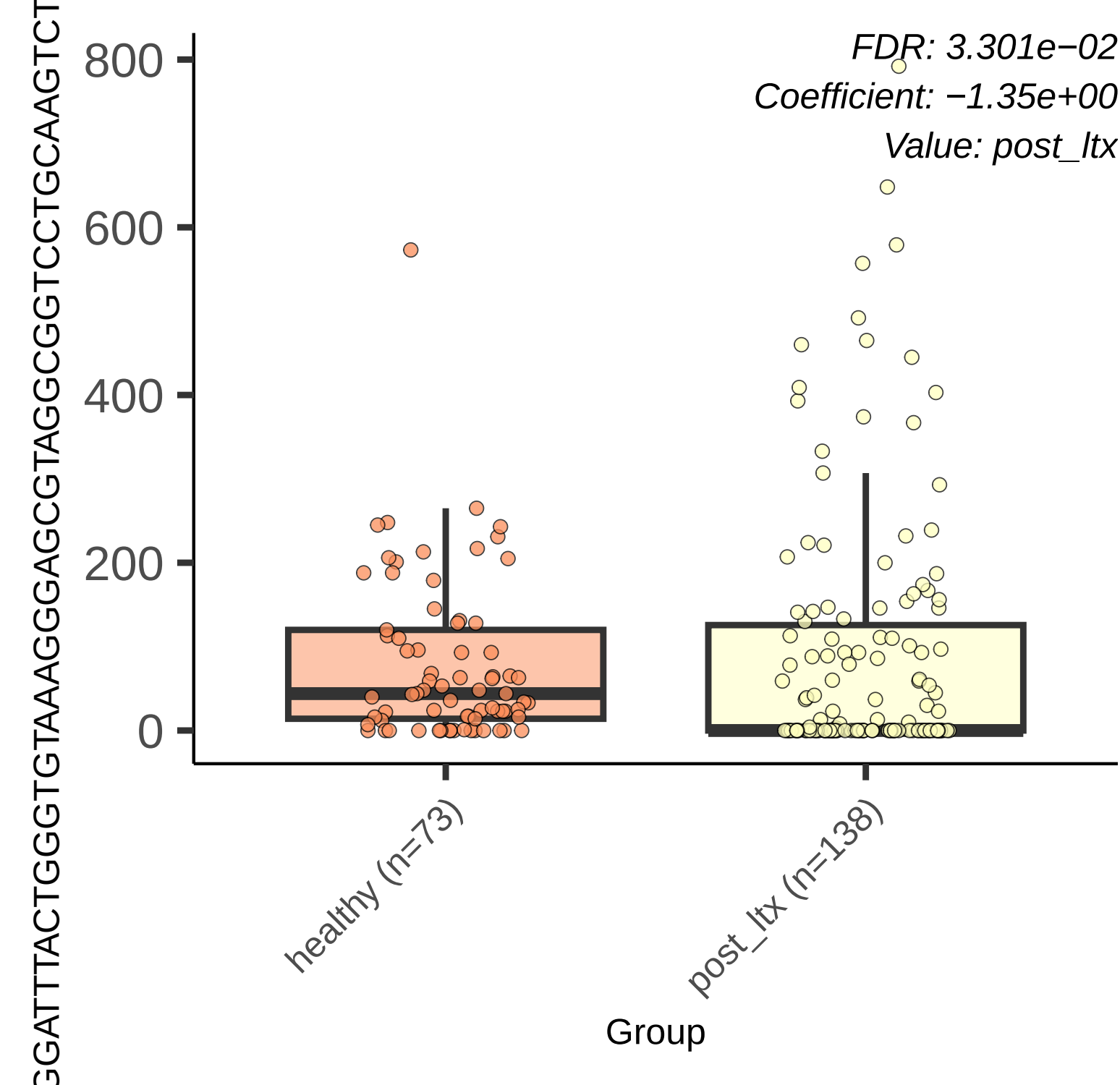

FDR: 3.119e−02
Coefficient: 1.05e+00
Value: post_ltx
1500
1000
500
0
healthy (n=73)
post_ltx (n=138)
Group
CGGTAATACGTAGGTCCCGAGCGTTATCCGGATTTATTGGGCGTA

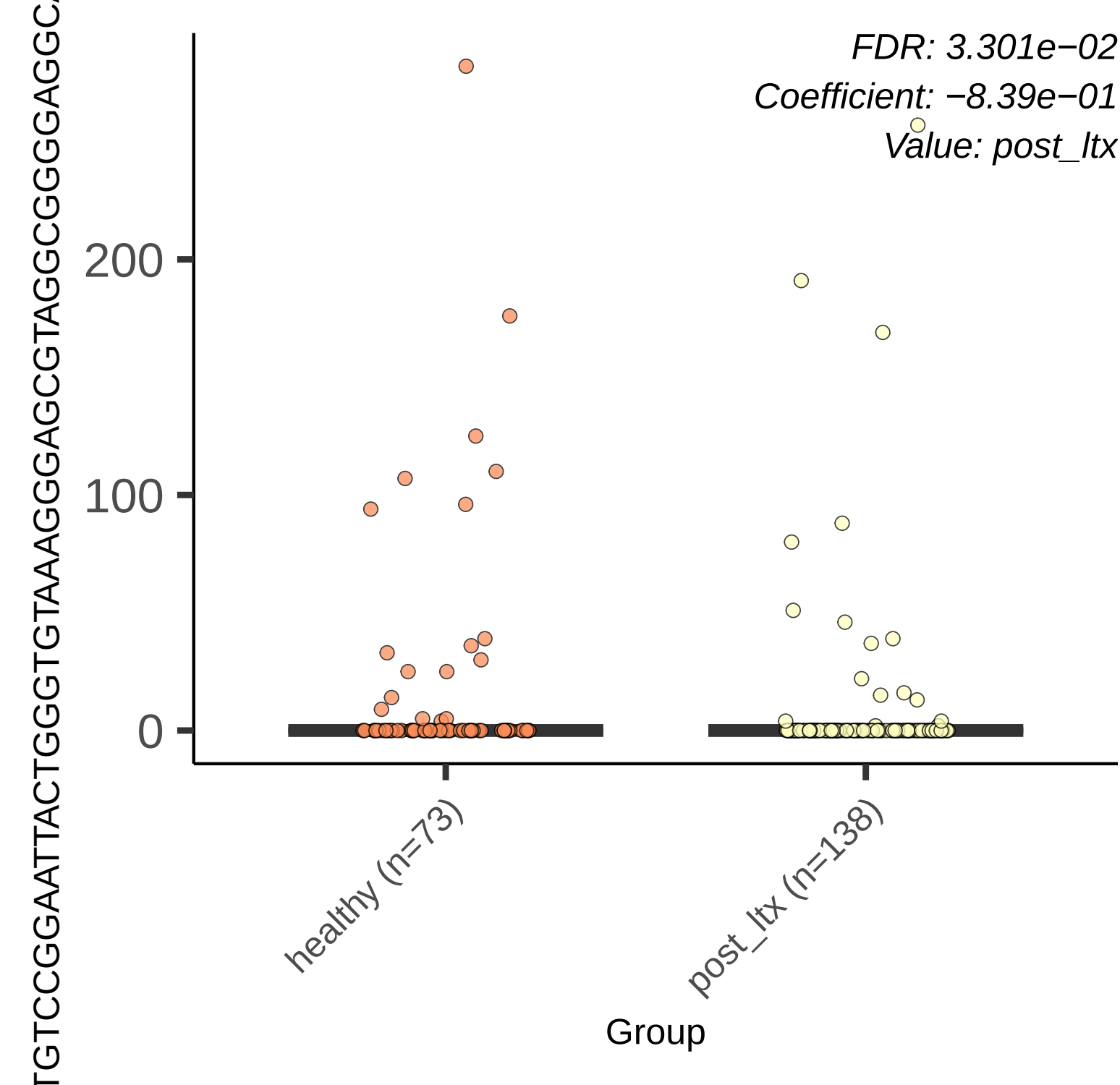

FDR: 3.176e−02
Coefficient: −4.25e−01
Value: post_ltx
60
40
20
0
healthy (n=73)
post_ltx (n=138)
Group
TGTCCGGATTTACTGGGTGTAAAGGGCGTGTAGGCGGAGCTGCA

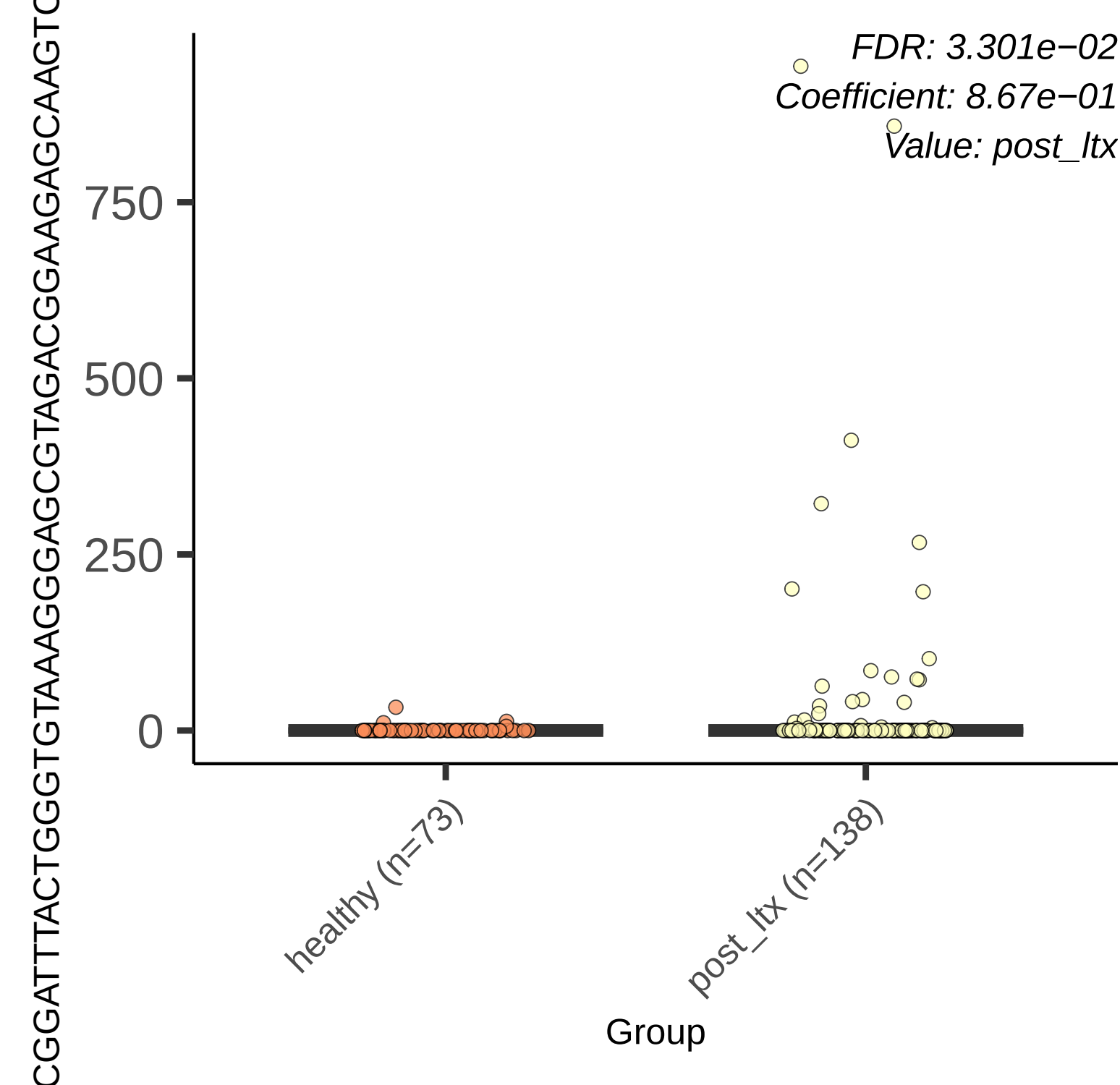

FDR: 3.267e−02
Coefficient: −6.92e−01
Value: post_ltx
300
200
100
0
healthy (n=73)
post_ltx (n=138)
Group
GTCCGGATTTACTGGGTGTAAAGGGCGTGTAGCCGGGAAGGCA

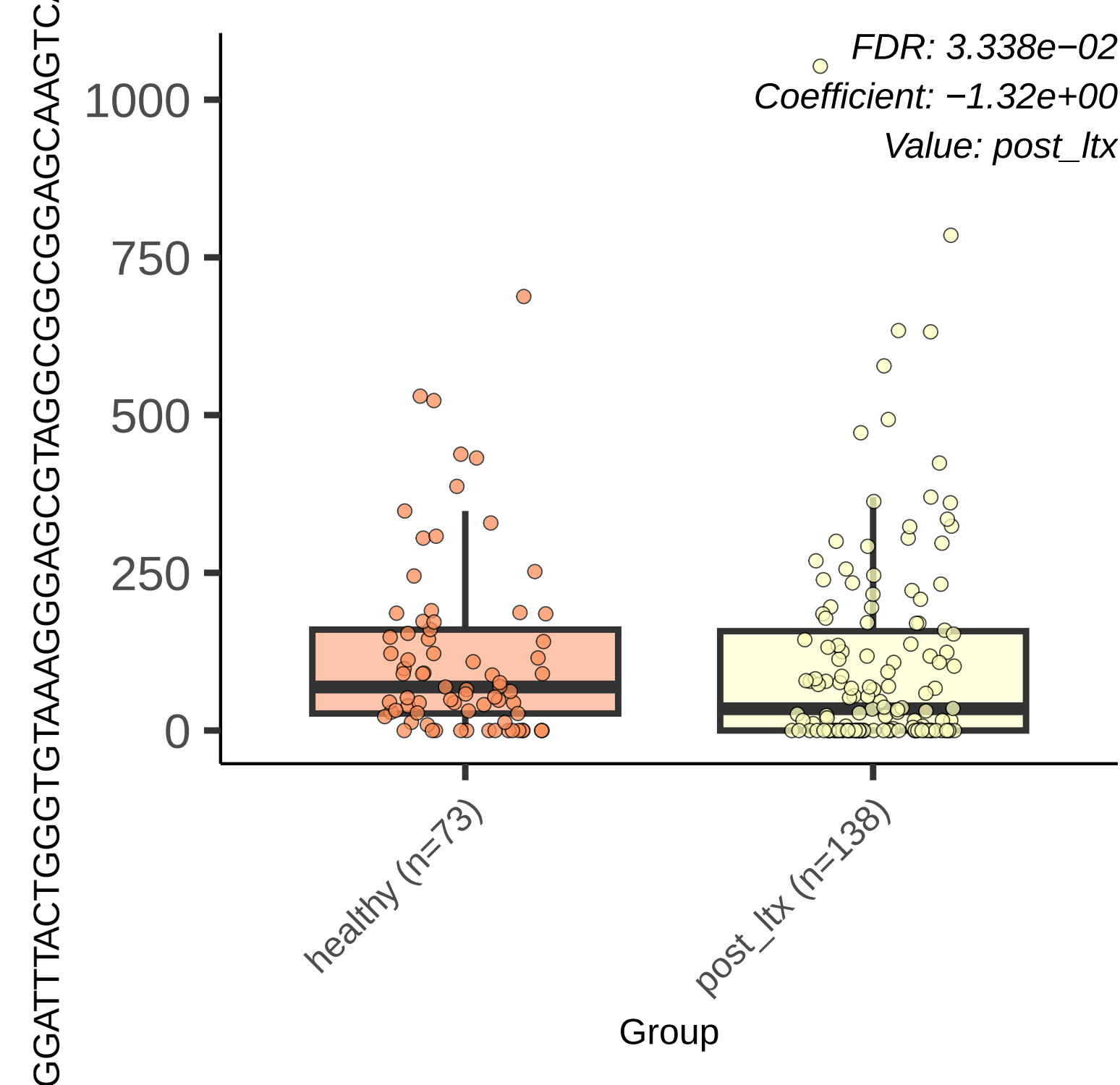

FDR: 3.298e−02
Coefficient: −7.73e−01
Value: post_ltx
1500
1000
500
0
healthy (n=73)
post_ltx (n=138)
Group
CGGAGGATCCGAGCGTTATCCGGATTTATTGGGTTTAAAGGGAGC

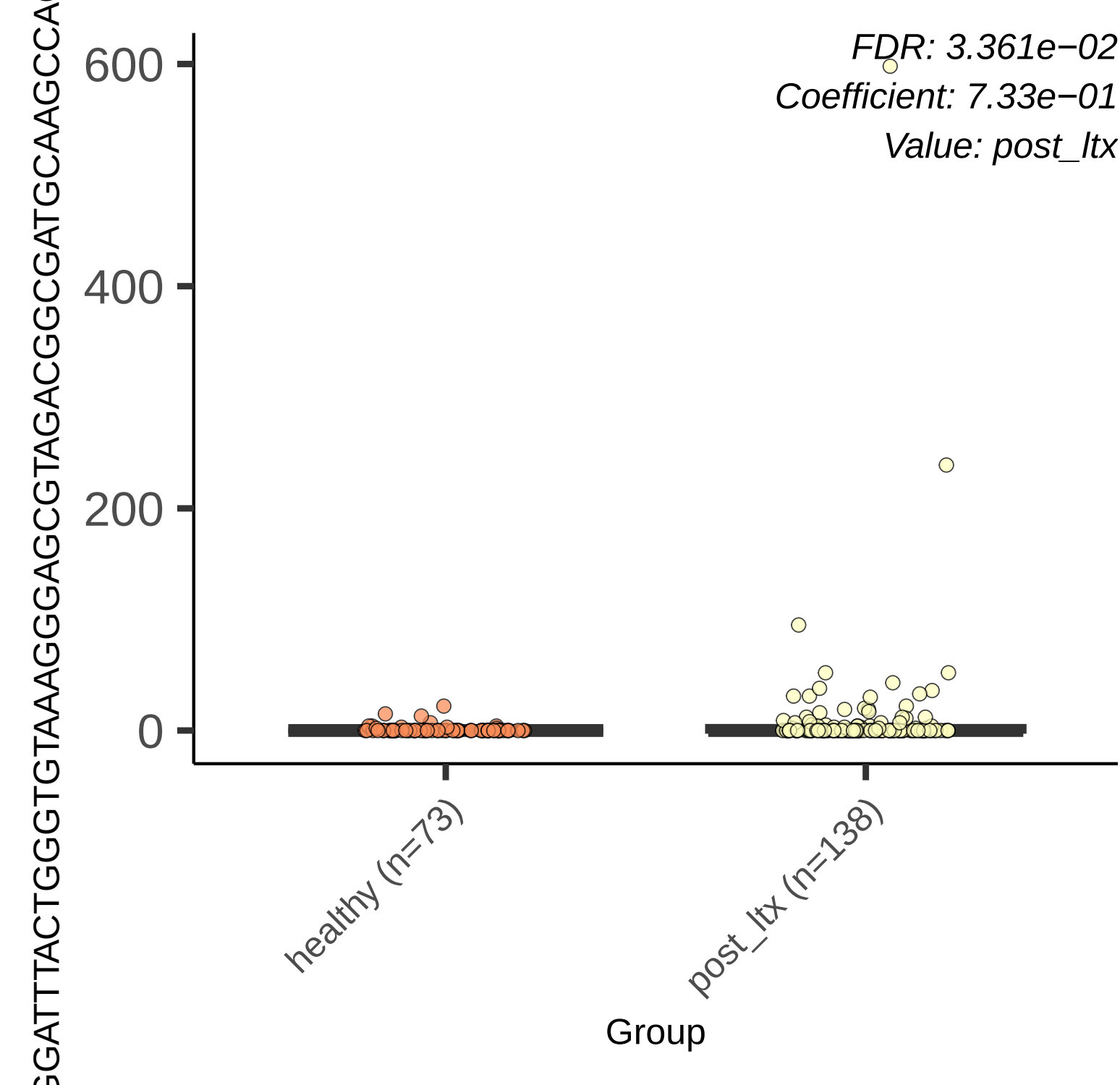

ATCCGGATTTACTGGGTGTAAAGGGCGAGTAGGCGGGATTGCAA
12.5
10.0
7.5
5.0
2.5
0.0
FDR: 3.301e−02
Coefficient: −2.99e−01
Value: post_ltx
healthy (n=73)
post_ltx (n=138)
Group

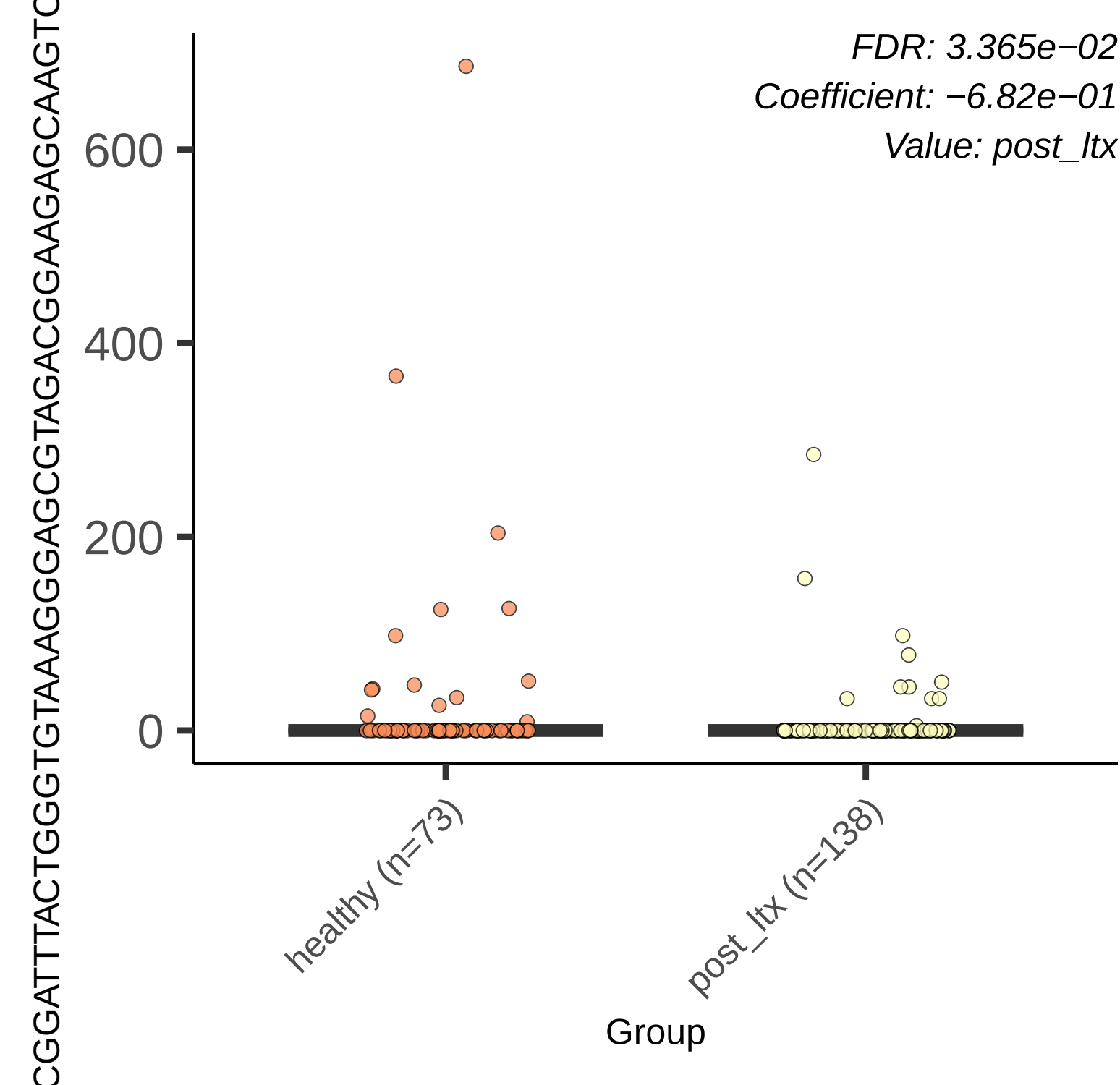

GGATTTACTGGGTGTAAAGGGAGCGTAGGCGGTCCTGCAAGTCT
800
600
400
200
0
FDR: 3.301e−02
Coefficient: −1.35e+00
Value: post_ltx
healthy (n=73)
post_ltx (n=138)
Group

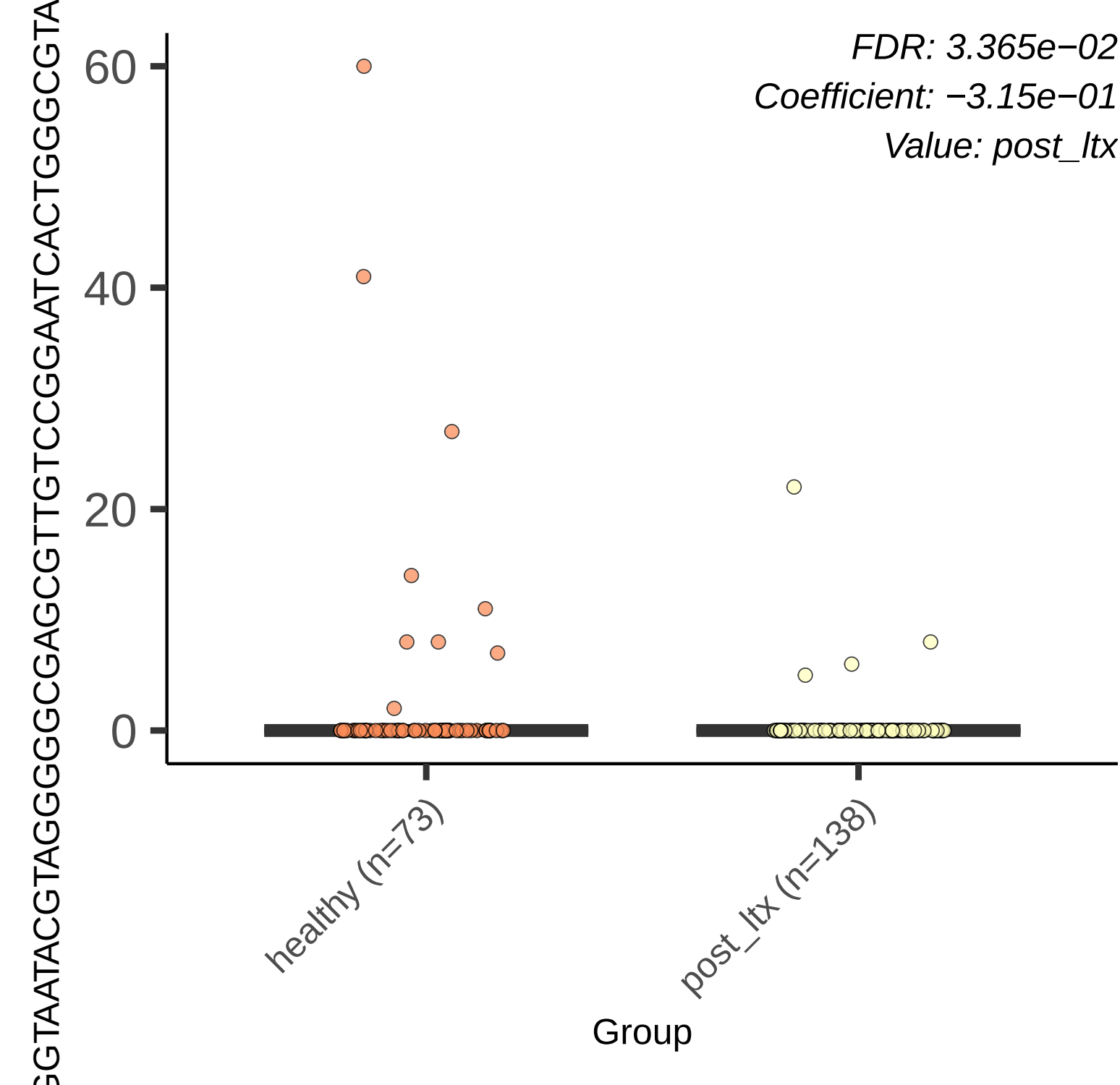

FDR: 3.301e−02
Coefficient: −8.39e−01
Value: post_ltx
200
100
0
healthy (n=73)
post_ltx (n=138)
Group
TGTCCGGAATTACTGGGTGTAAAGGGAGCGTAGGCGGGGGAGGC

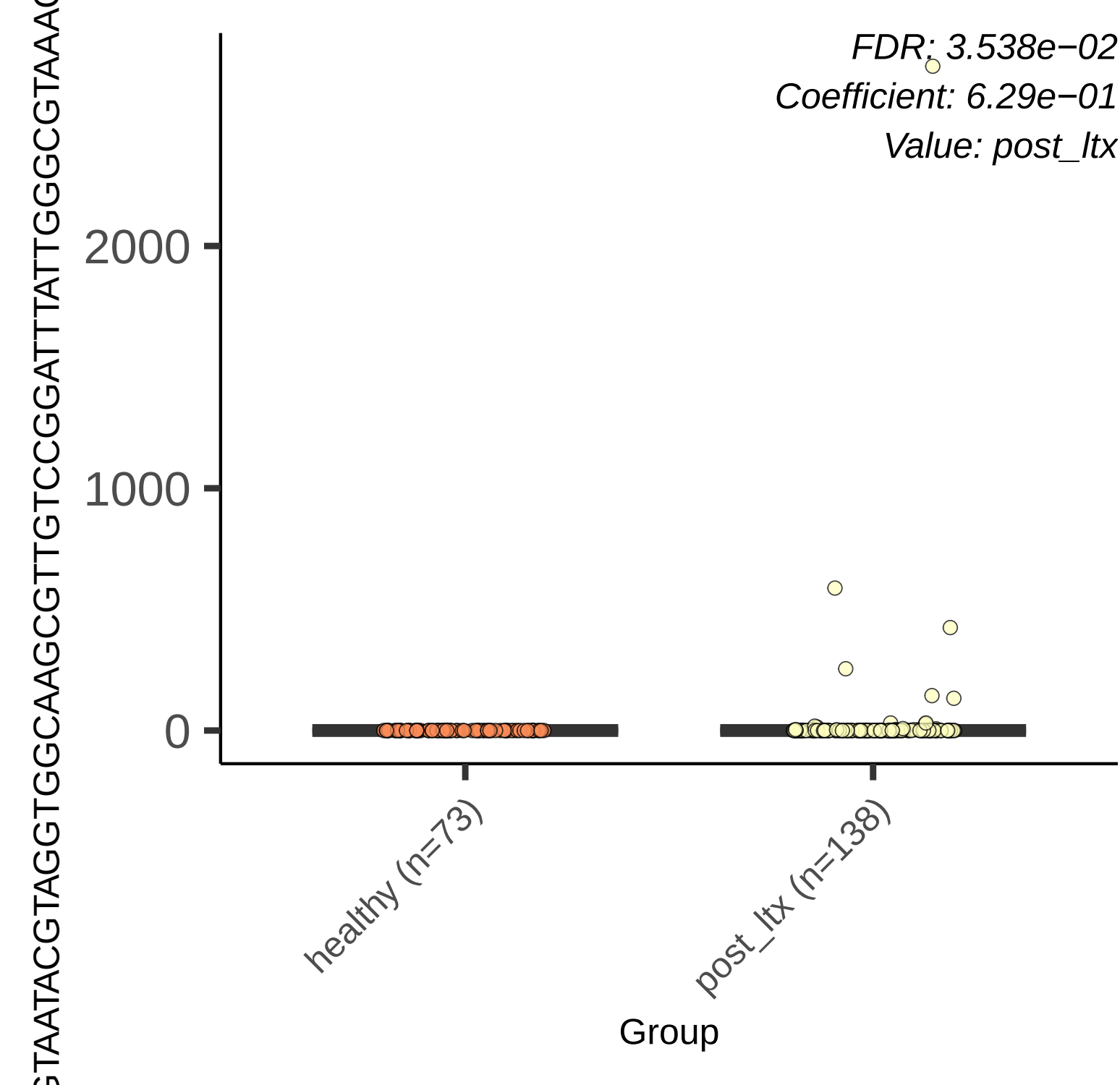

FDR: 3.301e−02
Coefficient: 8.67e−01
Value: post_ltx
750
500
250
0
healthy (n=73)
post_ltx (n=138)
Group
CGGATTTACTGGGTGTAAAGGGAGCGTAGACGGAAGAGCAAGTC

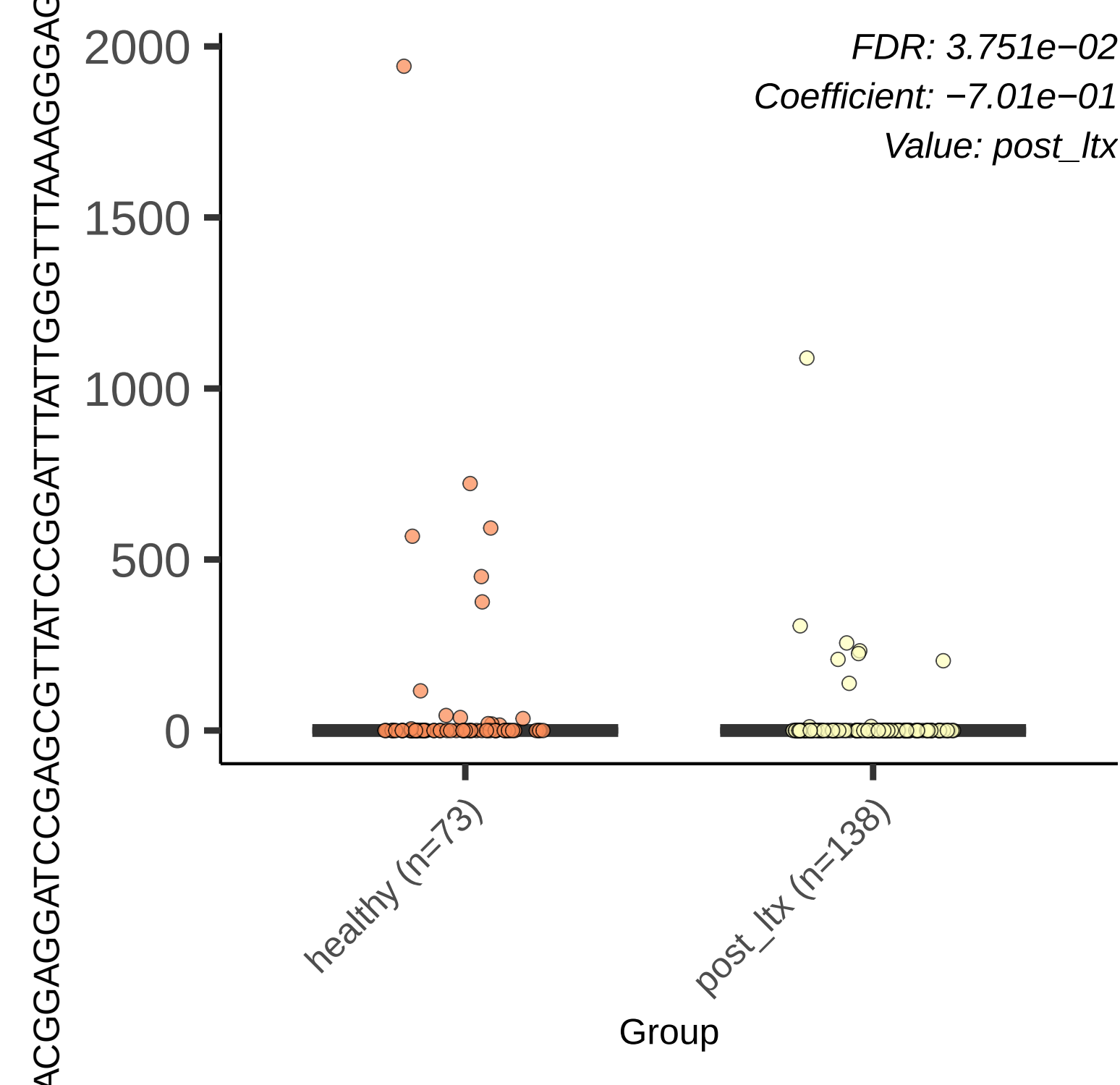

GGATTTACTGGGTGTAAAGGGAGCGTAGGCGGCCGGAGCAAGTC
1000
750
500
250
0
FDR: 3.338e−02
Coefficient: −1.32e+00
Value: post_ltx
healthy (n=73)
post_ltx (n=138)
Group

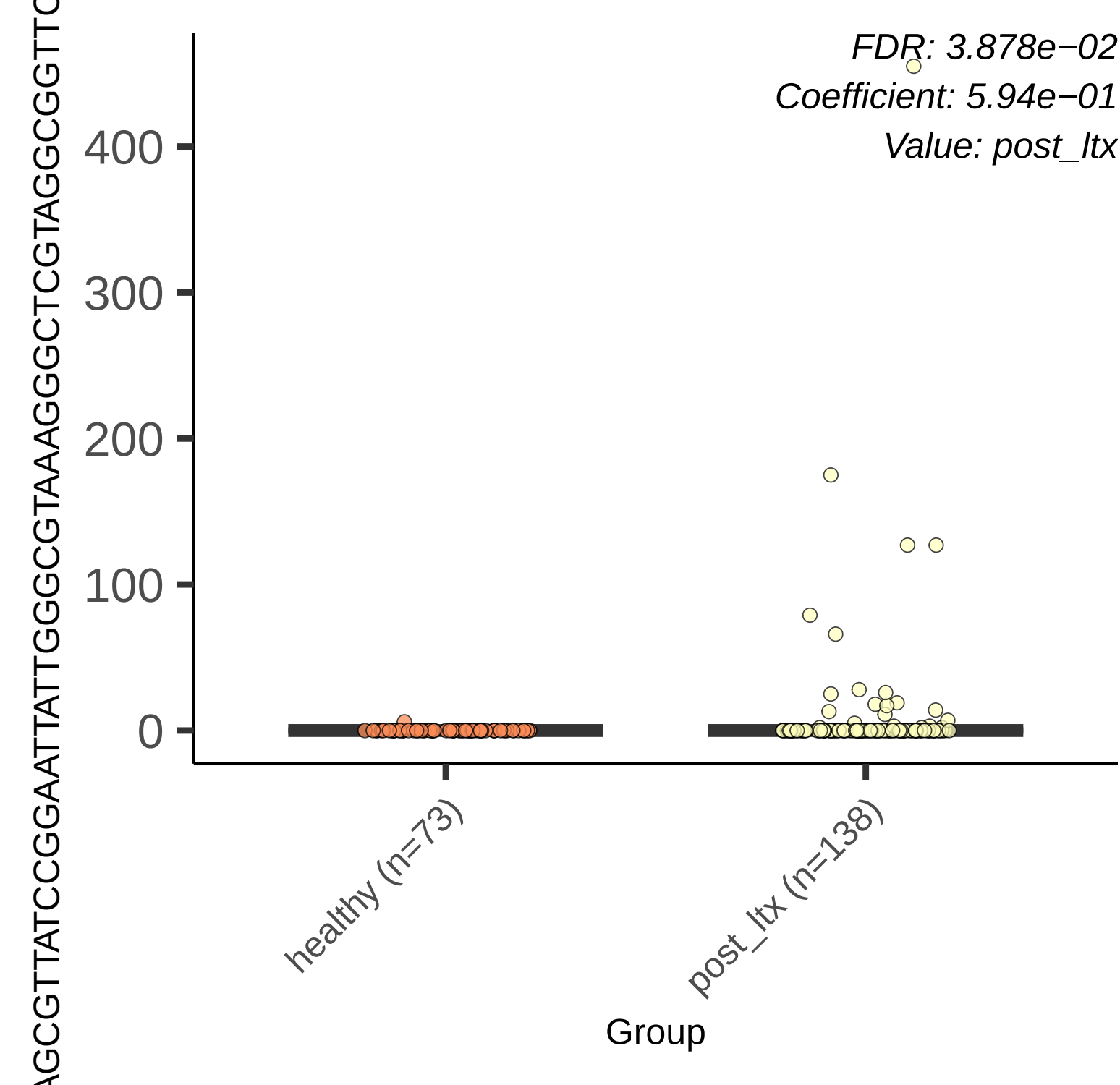

FDR: 3.361e−02
Coefficient: 7.33e−01
Value: post_ltx
600
400
200
0
healthy (n=73)
post_ltx (n=138)
Group
GGATTTACTGGGTGTAAAGGGAGCGTAGACGGCGATGCAAGCCA

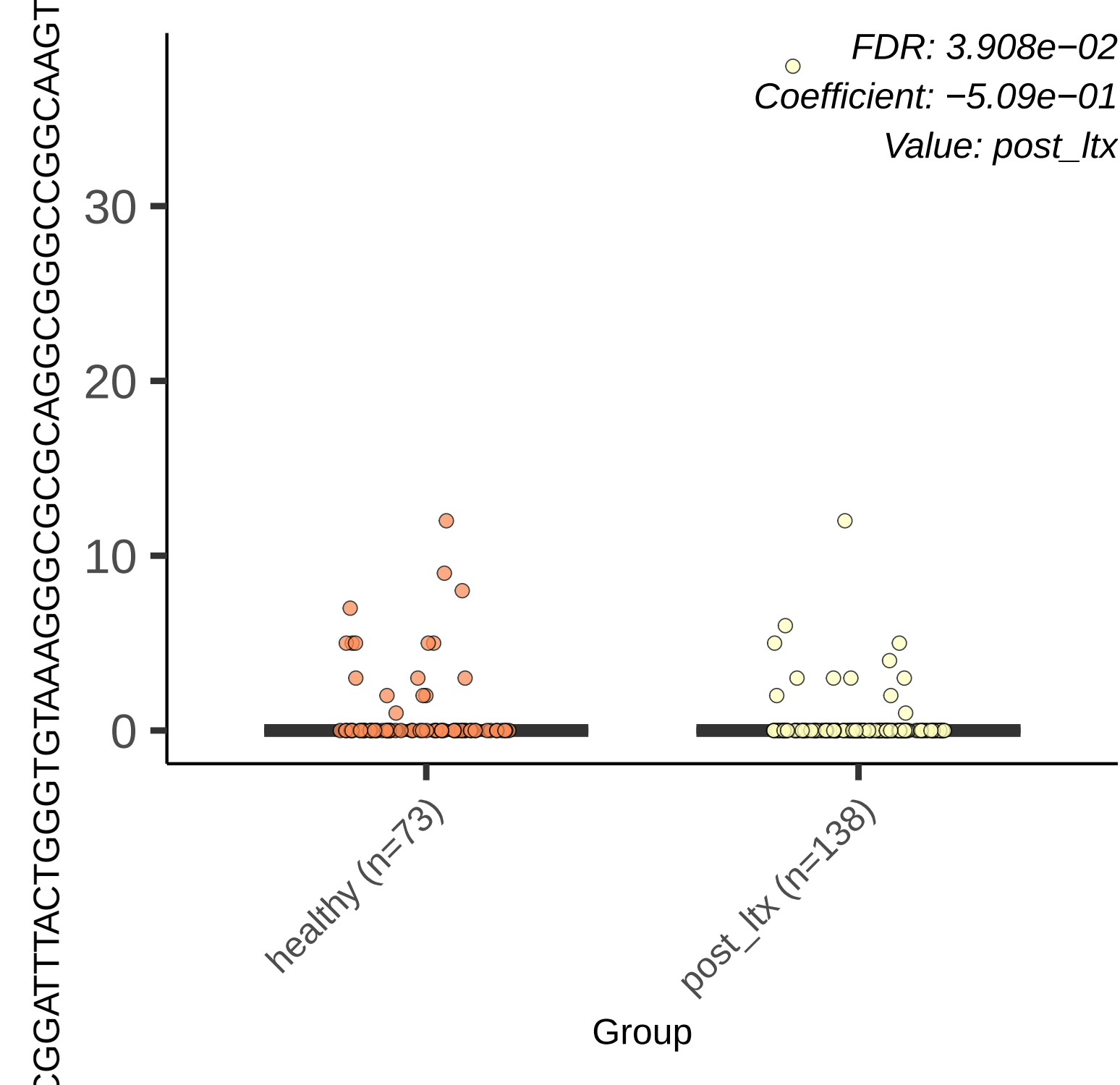

FDR: 3.365e−02
Coefficient: −6.82e−01
Value: post_ltx
600
400
200
0
healthy (n=73)
post_ltx (n=138)
Group
CGGATTTACTGGGTGTAAAGGGAGCGTAGACGGAAGAGCAAGTC

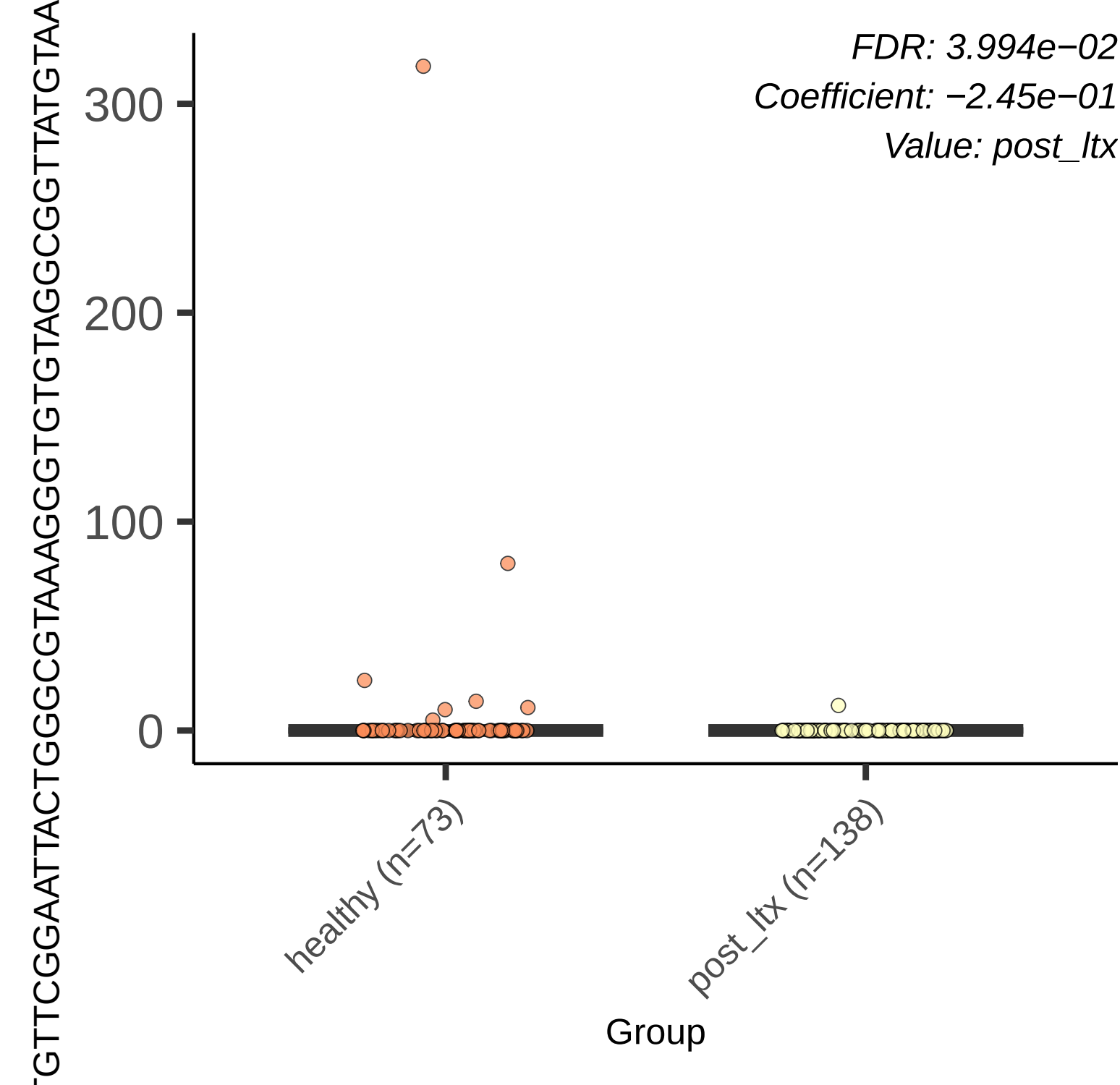

FDR: 3.365e−02
Coefficient: −3.15e−01
Value: post_ltx
60
40
20
0
healthy (n=73)
post_ltx (n=138)
Group
GTAATACGTAGGGGGGCGAGCGTTGTCCGGAATCACTGGGCGTA

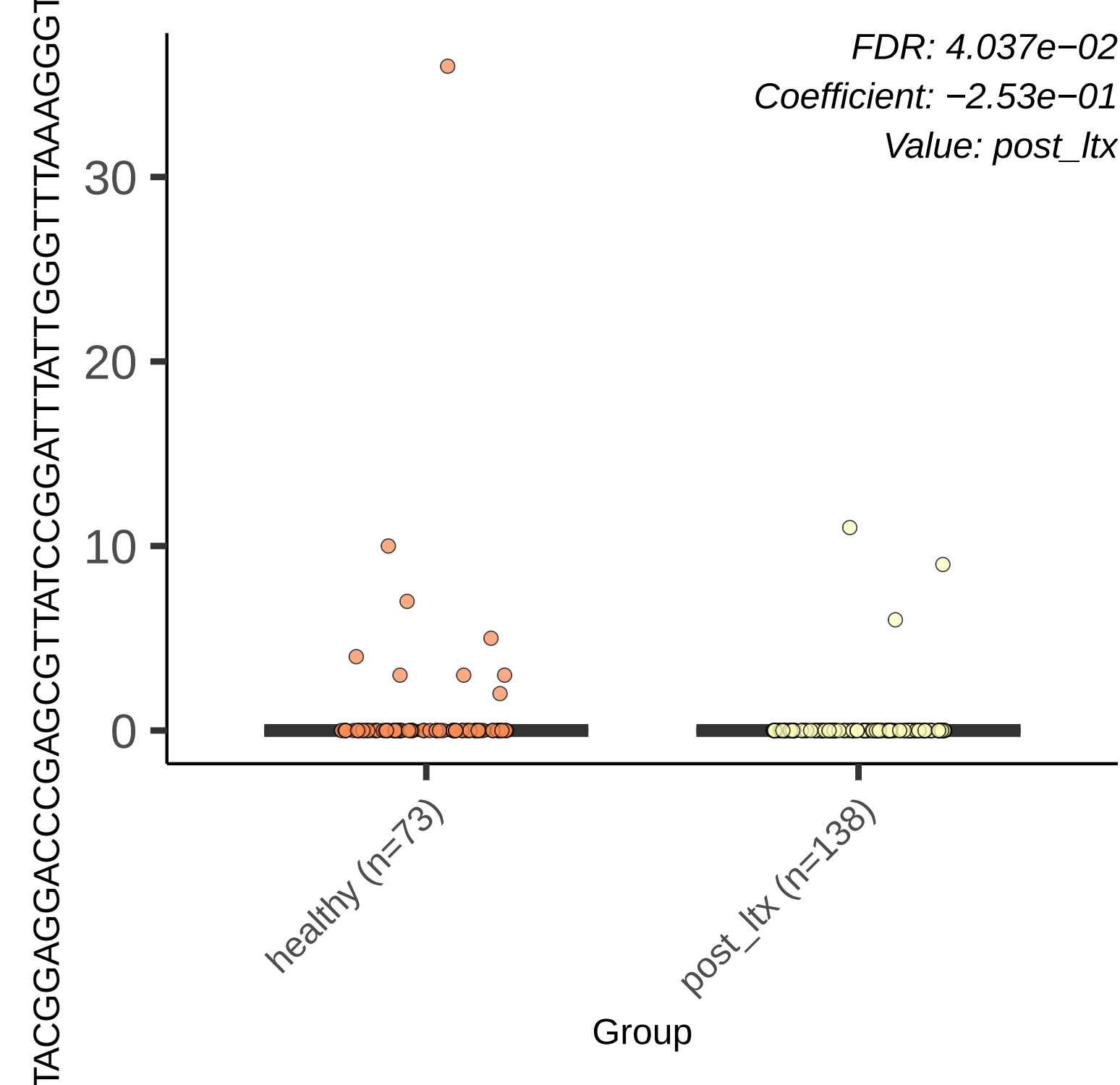

FDR: 3.538e−02
Coefficient: 6.29e−01
Value: post_ltx
2000
1000
0
healthy (n=73)
post_ltx (n=138)
Group
GTAATACGTAGGTGGCAAGCGTTGTCCGGATTTATTGGGCGTAAAG

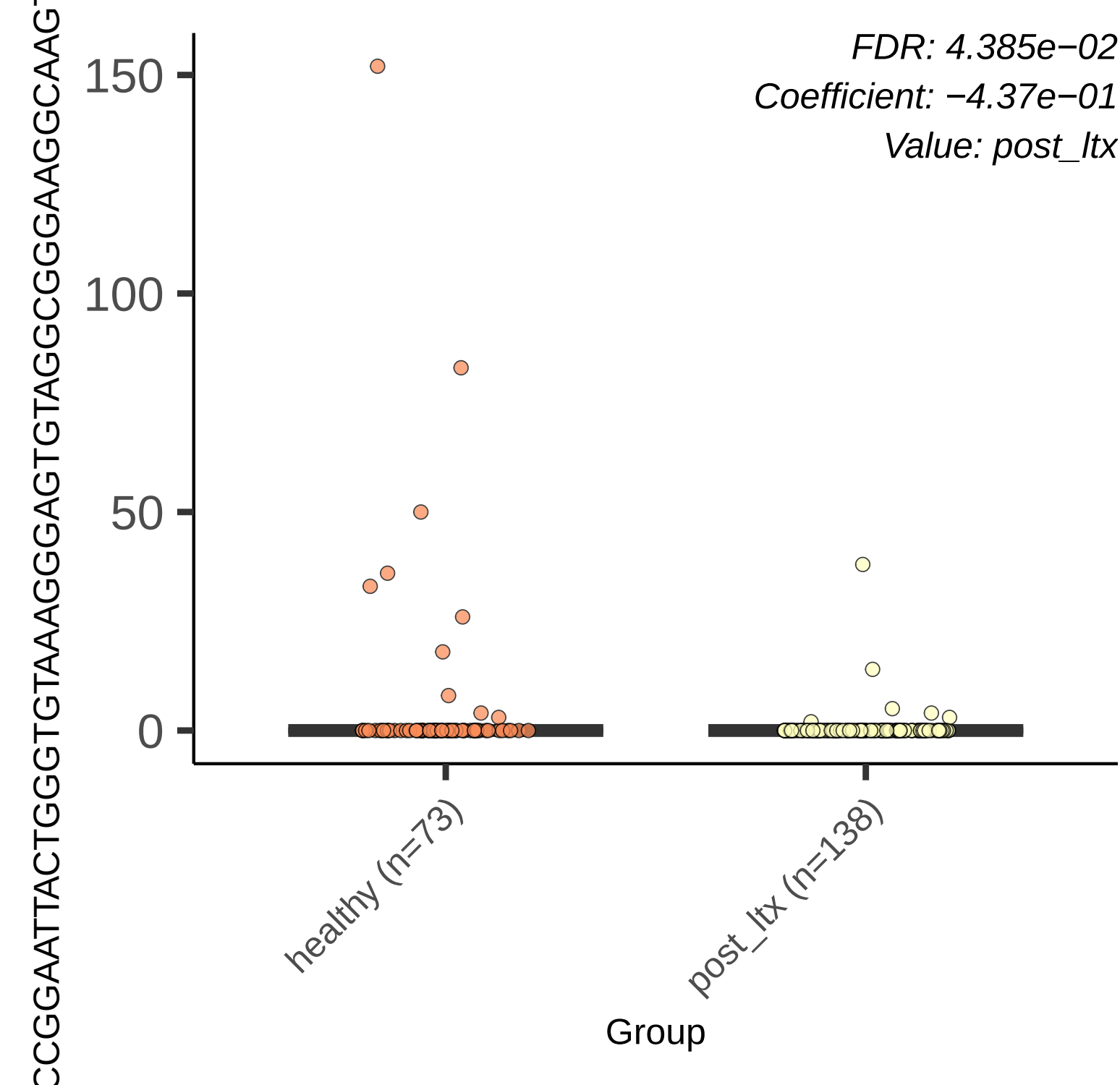

ACGGAGGATCCGAGCGTTATCCGGATTTATTGGGTTTAAAGGGAG
2000
1500
1000
500
0
FDR: 3.751e−02
Coefficient: −7.01e−01
Value: post_ltx
healthy (n=73)
post_ltx (n=138)
Group

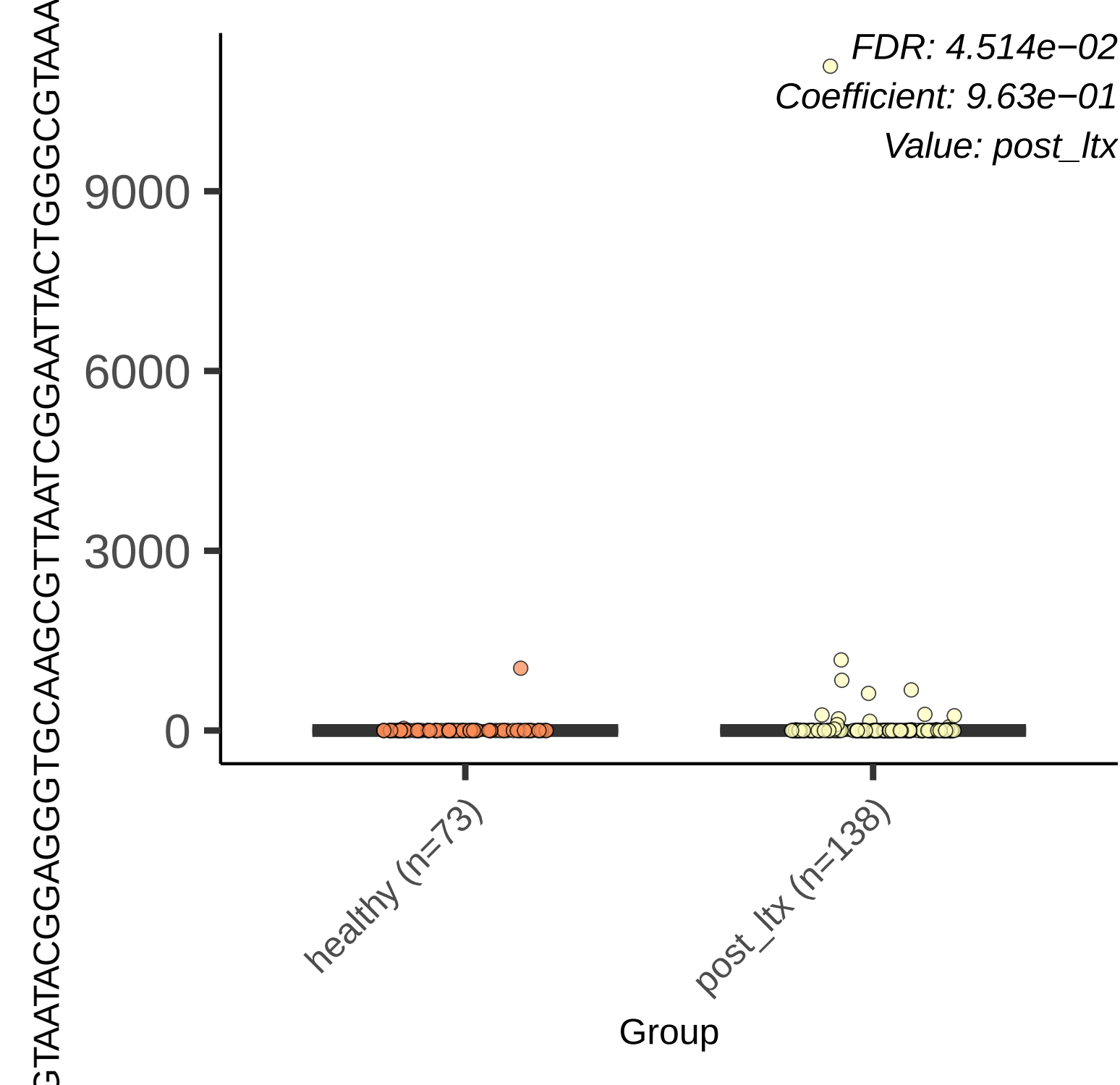

FDR: 3.878e−02
Coefficient: 5.94e−01
Value: post_ltx
400
300
200
100
0
healthy (n=73)
post_ltx (n=138)
Group
AGCGTTATCCGGAATTATTGGGCGTAAAGGGCTCGTAGGCGGTTC

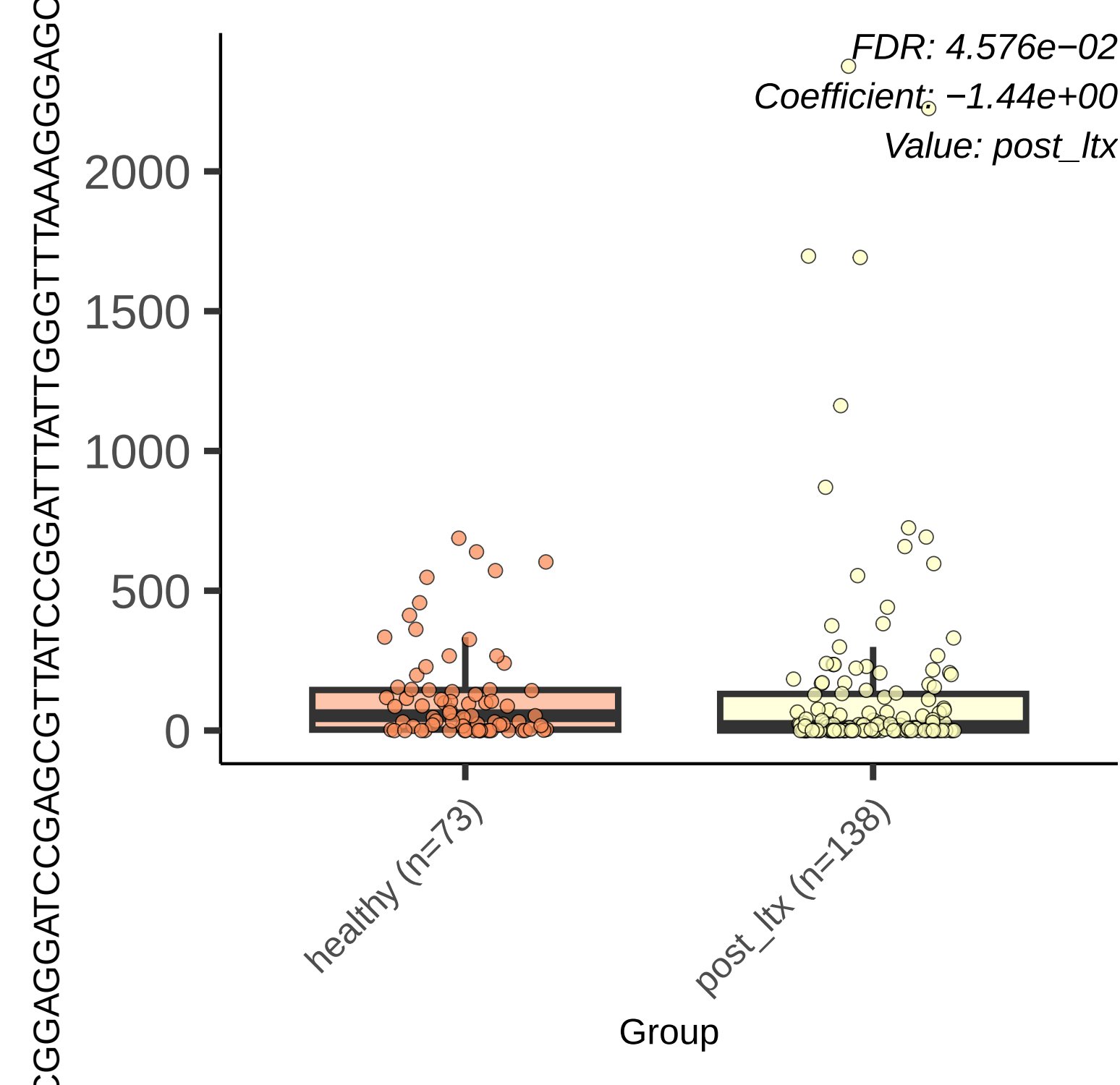

FDR: 3.908e−02
Coefficient: −5.09e−01
Value: post_ltx
30
20
10
0
healthy (n=73)
post_ltx (n=138)
Group
CGGATTTACTGGGTGTAAAGGGCGCGCAGGCGGGCCGGCAAGT

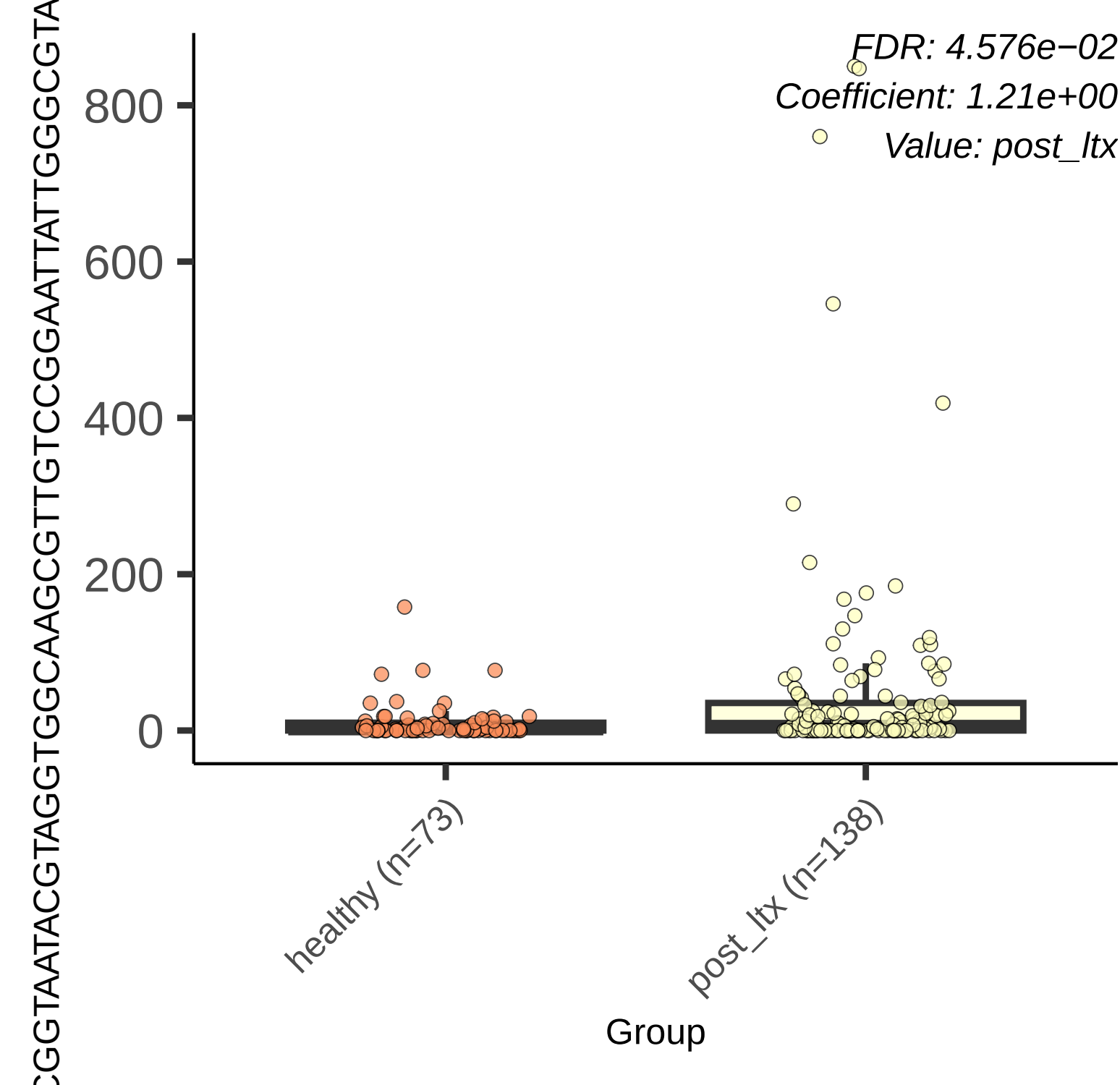

FDR: 3.994e−02
Coefficient: −2.45e−01
Value: post_ltx
300
200
100
0
healthy (n=73)
post_ltx (n=138)
Group
GTTCGGAATTACTGGGCGTAAAGGGTGTAGGCGGTTATGTAA

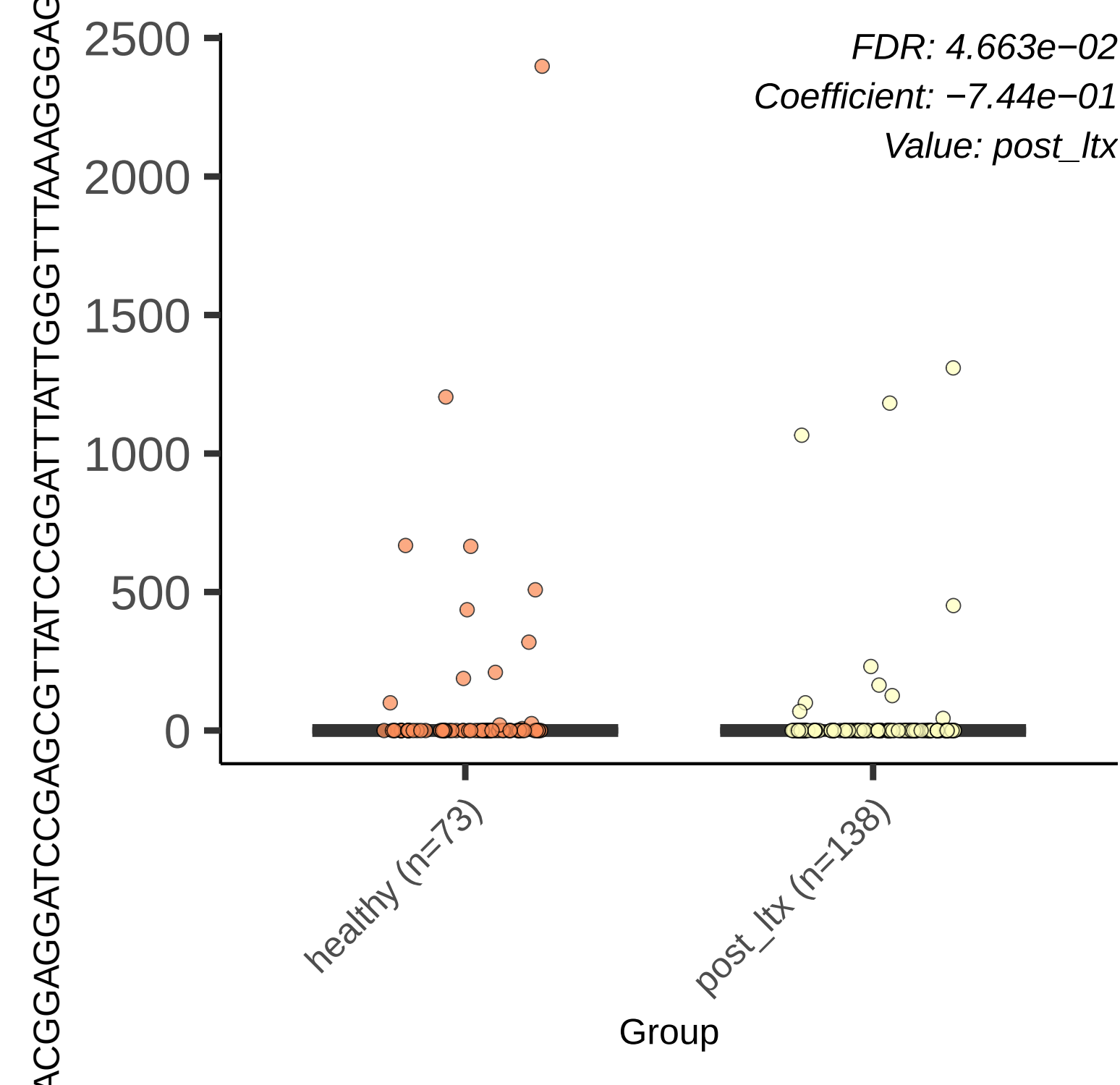

FDR: 4.037e−02
Coefficient: −2.53e−01
Value: post_ltx
30
20
10
0
healthy (n=73)
post_ltx (n=138)
Group
TACGGAGGACCCGAGCGTTATCCGGATTTATTGGGTTTAAAGGGT

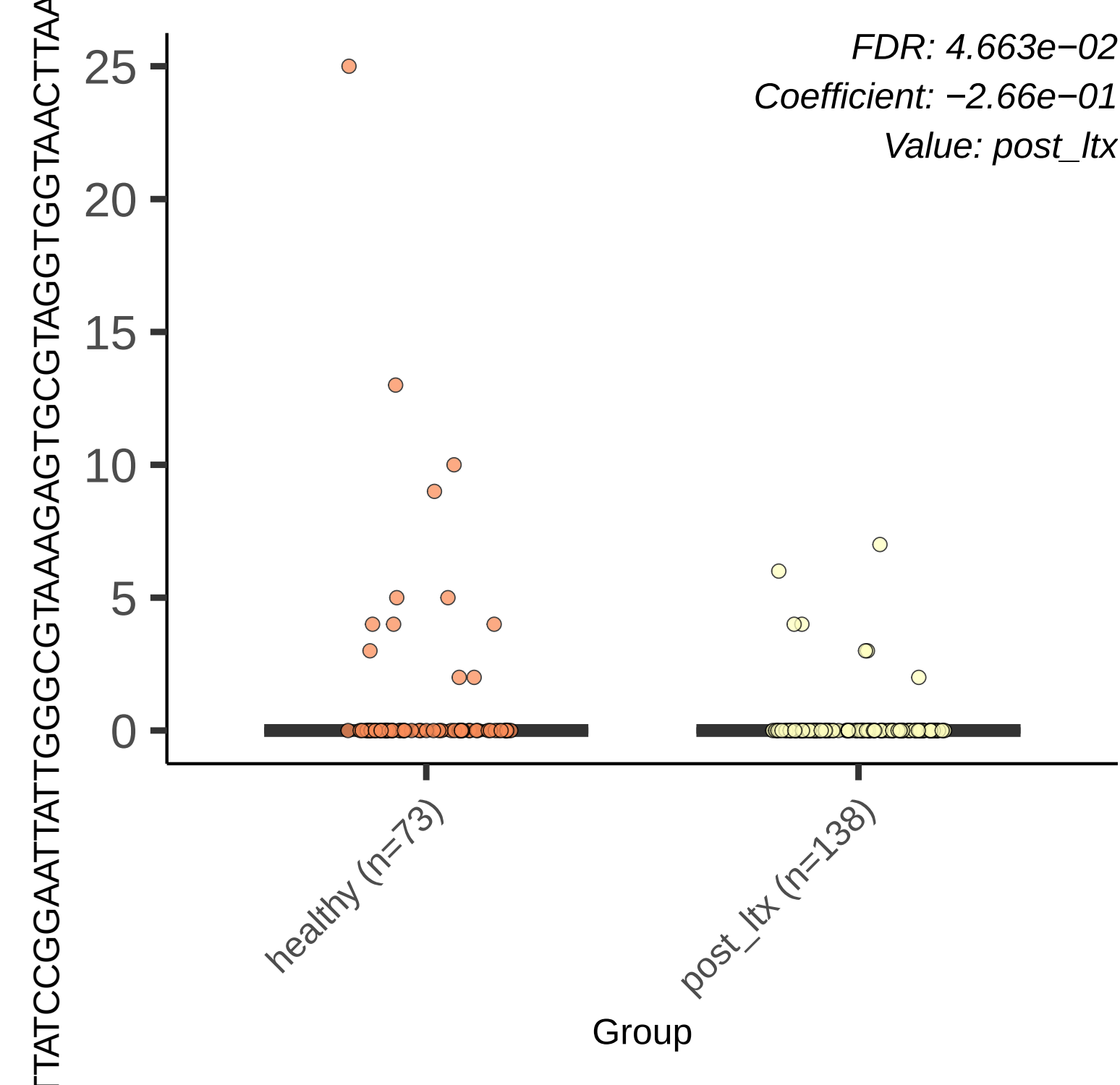

FDR: 4.385e−02
Coefficient: −4.37e−01
Value: post_ltx
150
100
50
0
healthy (n=73)
post_ltx (n=138)
Group
CCGGAATTACTGGGTGTAAAGGGAGTGTAGGCGGGAAGGCAAG

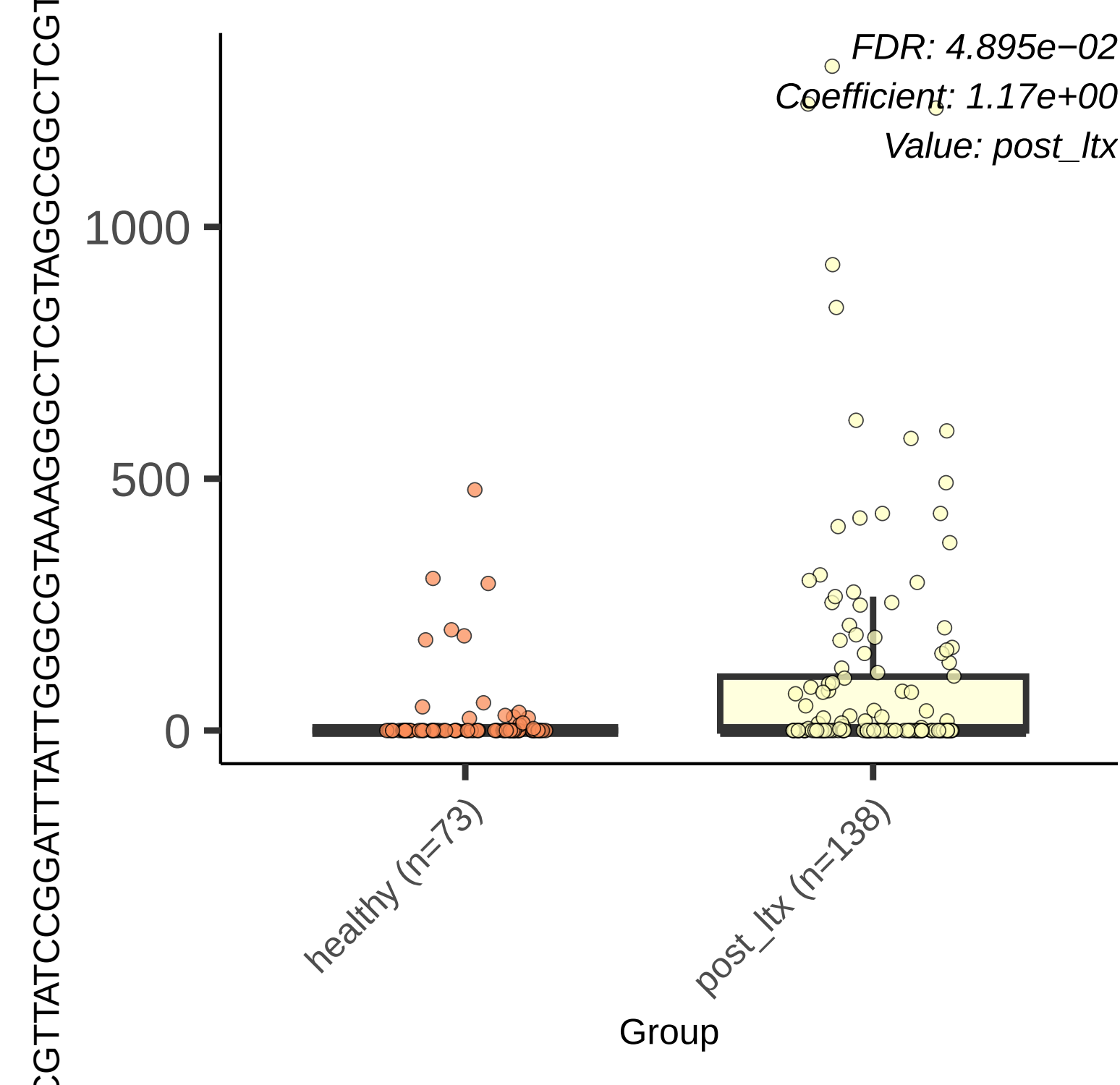

FDR: 4.514e−02
Coefficient: 9.63e−01
Value: post_ltx
9000
6000
3000
0
healthy (n=73)
post_ltx (n=138)
Group
GTAATACGGAGGGTGCAAGCGTTAATCGGAATTACTGGGCGTAAA


FDR: 4.576e−02
Coefficient: −1.44e+00
Value: post_ltx
2000
1500
1000
500
0
healthy (n=73)
post_ltx (n=138)
Group
CGGAGGATCCGAGCGTTATCCGGATTTATTGGGTTTAAAGGGAGC


FDR: 4.576e−02
Coefficient: 1.21e+00
Value: post_ltx
800
600
400
200
0
healthy (n=73)
post_ltx (n=138)
Group
CGGTAATACGTAGGTGGCAAGCGTTGTCCGGAATTATTGGGCGTA


FDR: 4.663e−02
Coefficient: −7.44e−01
Value: post_ltx
2500
2000
1500
1000
500
0
healthy (n=73)
post_ltx (n=138)
Group
ACGGAGGATCCGAGCGTTATCCGGATTTATTGGGTTTAAAGGGAG


FDR: 4.663e−02
Coefficient: −2.66e−01
Value: post_ltx
25
20
15
10
5
0
healthy (n=73)
post_ltx (n=138)
Group
TTATCCGGAATTATTGGGCGTAAAGAGTGCGTAGGTGGTAACTTAA


FDR: 4.895e−02
Coefficient: 1.17e+00
Value: post_ltx
1000
500
0
healthy (n=73)
post_ltx (n=138)
Group
CGTTATCCGGATTTATTGGGCGTAAAGGGCTCGTAGGCGGCTCGT