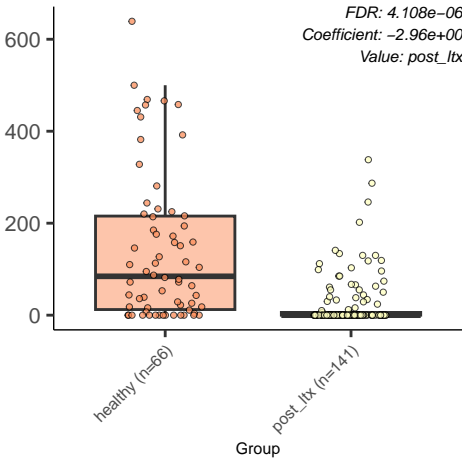
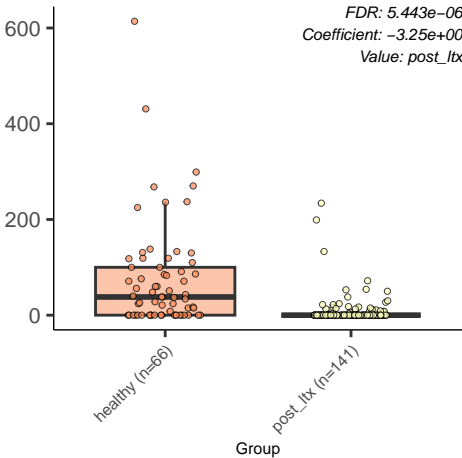


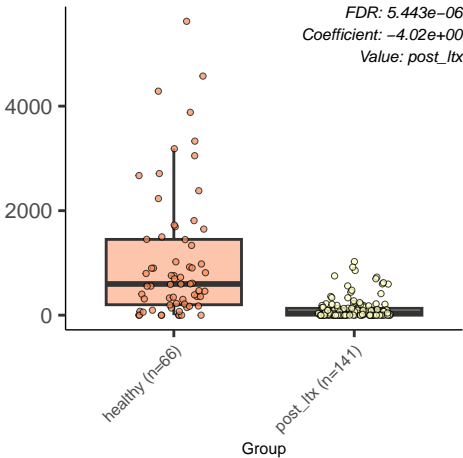
ATCCGGAATTACTGGGTGTAAAGGGAGCGTAGGGCGGCACGCCAA



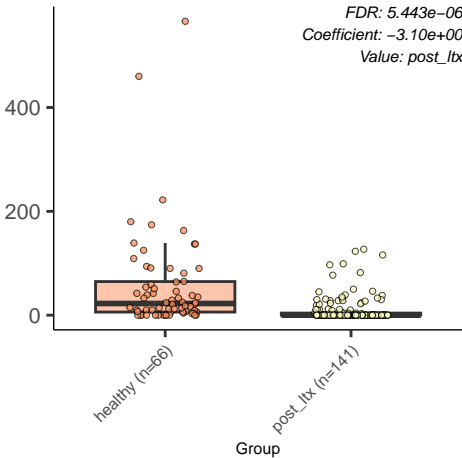
GGATTACTGGGTGTTAAAGGGAGCGGTAGACGGCAGCGCAAGTC



:GGATTACTGGGTGTAAAGGGAGCGGTAGACGGCGAGACAAAGTC



ATCCGGATTACTGGGTGTAAAGGGCGGTGTAGGCGGGAAGGCAAA



CGGATTACTGGGTGTAAAGGGAGCGGTAGACGGAACAGCAAGT

*FDR: 5.443e-06*  
*Coefficient: -1.09e+00*  
*Value: post\_ltx*

20

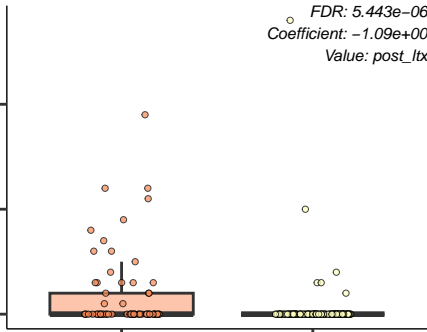
10

0

healthy (n=66)

post\_ltx (n=141)

Group



GGATTACTGGGTGTAAAGGGAGCGTAGACGGCTGTGTAAAGTCT

2000

1000

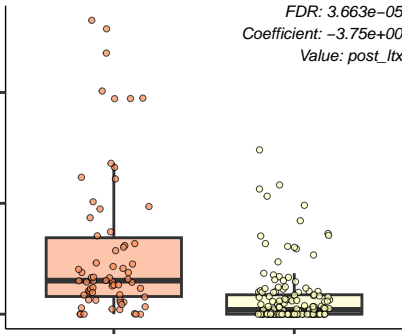
0

healthy (n=66)

post\_ltx (n=141)

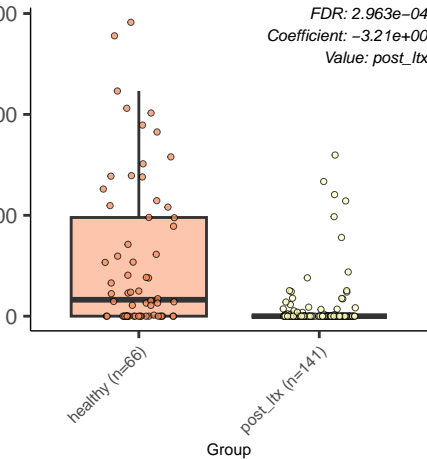
Group

*FDR: 3.663e-05*  
*Coefficient: -3.75e+00*  
*Value: post\_ltx*



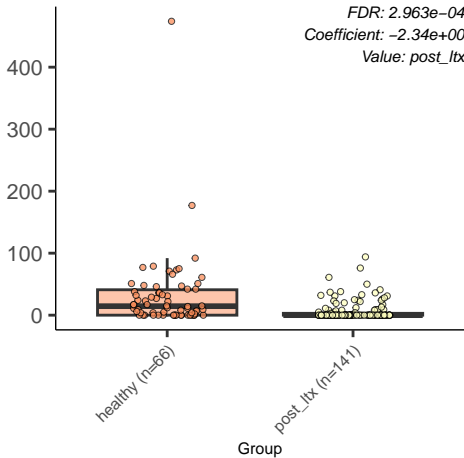
CGGAATTACTGGGTGTAAAGGGAGCGCAGCGCGGCGATCAAGT

*FDR: 2.963e-04*  
*Coefficient: -3.21e+00*  
*Value: post\_ltx*



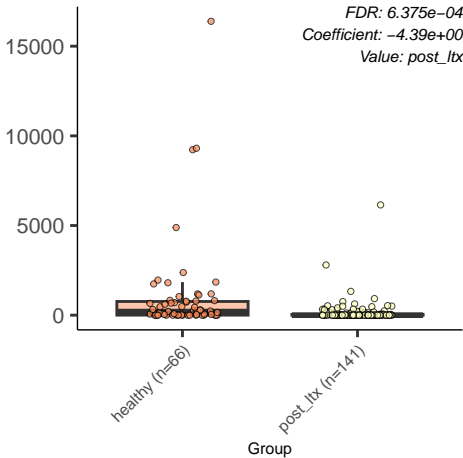
CGGATTACTGGGTGTAAGGGAGCGGTAGACGGCTAAGCAAGTC

*FDR: 2.963e-04*  
*Coefficient: -2.34e+00*  
*Value: post\_ltx*

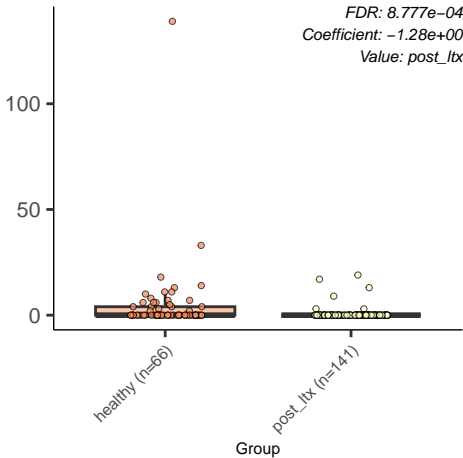




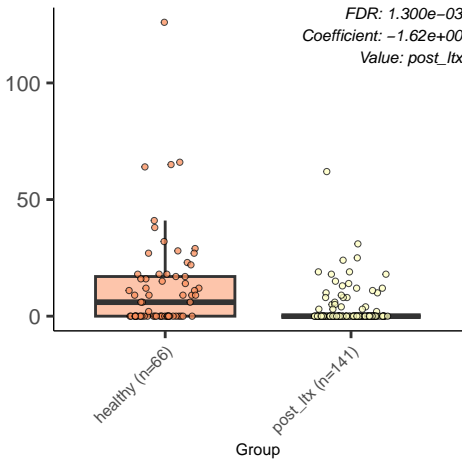
GGATTACTGGGTGTAAGGAGCGTAGACGGAGTGCGCAAGTC



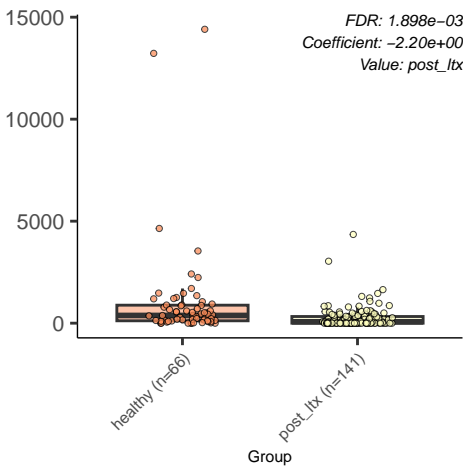
TTATCCGGAATTATTGGGCGTAAAGAGTGCGTAGGTGGTAACCTTA



GTCCGGATTACTGGGTGTAAAGGGCGGTGTAGCCGGGAGAGACA



GGATTACTGGGTGTAAGGGAGCGCAGACGGCACTGCAAGTC



TCCGGAATTATTGGGTGTAAAGGGTGCGGTAGACGGGAGAACAAAG

*FDR: 1.898e-03*  
*Coefficient: -1.17e+00*  
*Value: post\_ltx*

75

50

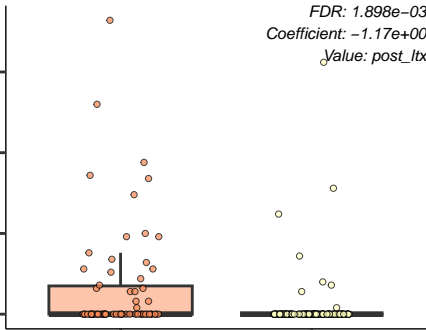
25

0

healthy (n=66)

post\_ltx (n=141)

Group



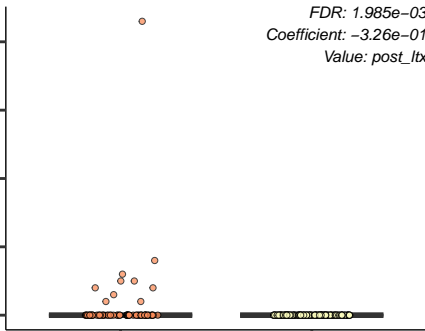
CCGGATTACTGGGTGTAAGGGAGCGTAGGTGGTAGTGC AAGT

*FDR: 1.985e-03*  
*Coefficient: -3.26e-01*  
*Value: post\_ltx*

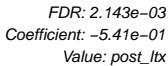
healthy (n=66)

post\_ltx (n=141)

Group



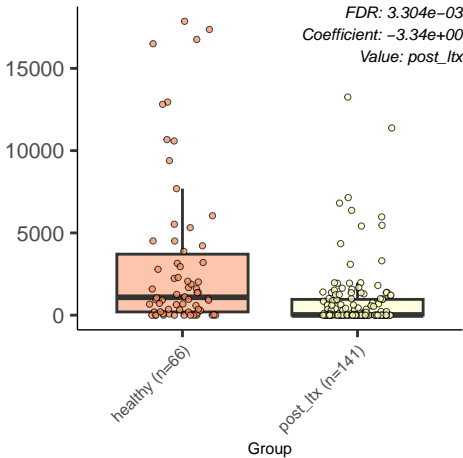
GTCCGGATTACTGGGTGTAAAGGGCGTGTAGCCGGGTGTGTA



post\_ltx (n=141)

Group

CGGAATTACTGGGTGTAAAGGGAGCGGCAGCGGGGAGAACAAAGT





GTTCGGAATTACTGGGCGTAAAGGGTGTGTAGGCGGATTGTAA

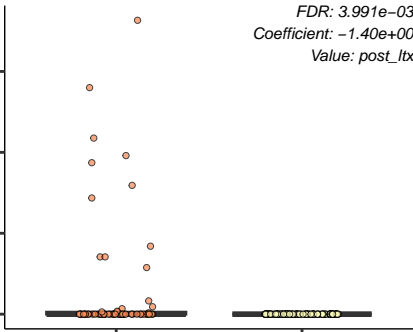
*FDR: 3.991e-03*  
*Coefficient: -1.40e+00*  
*Value: post\_ltx*

750  
500  
250  
0

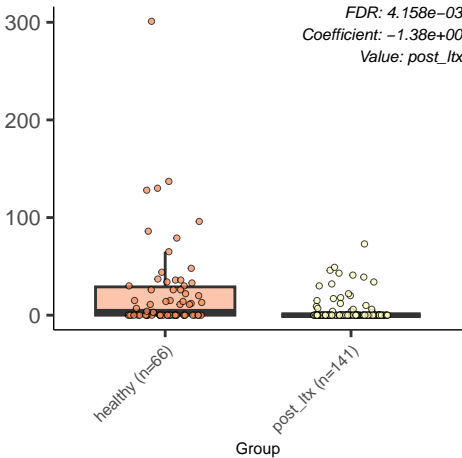
healthy (n=66)

post\_ltx (n=141)

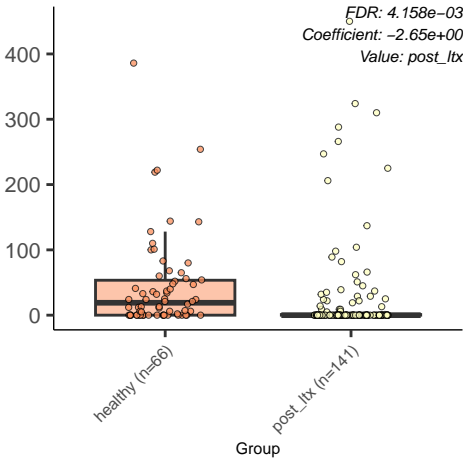
Group



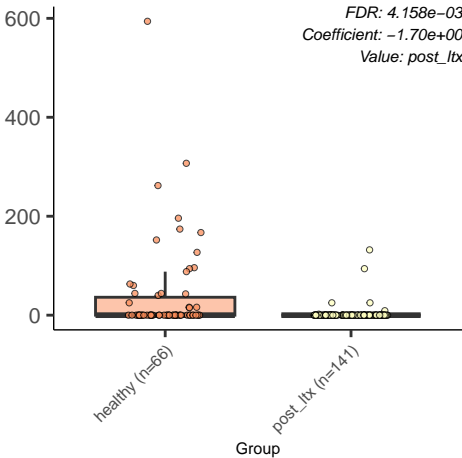
CGGATTACTGGGTAAAGGGAGCGTAGGTGGTATGGCAAGTC



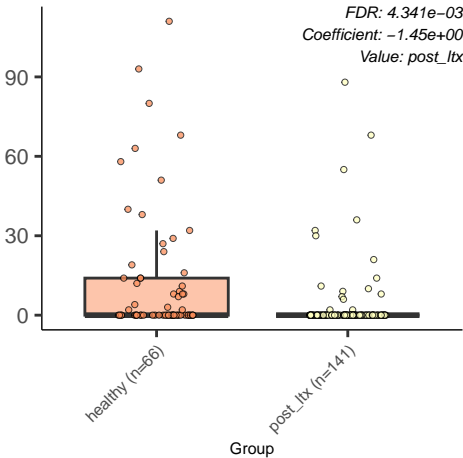
ATACGGAGGATCGGAGCGGTTATCCGGATTATTGGGTTAAAGGG



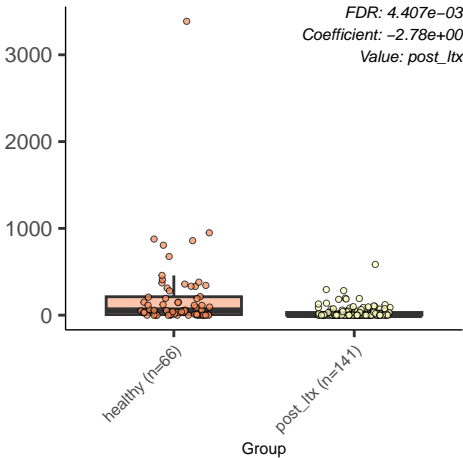
GTTCGGAATTACTGGCGCTAAAGGGTGTGTAGGCGGTTATGTAA



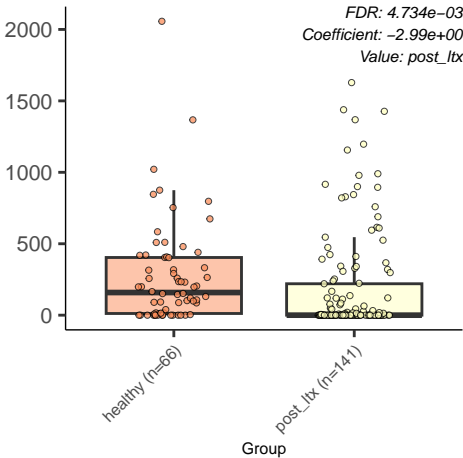
TGTCGGAATTATTGGCGTAAGAGTACGTAGGCGGTTTGCTA



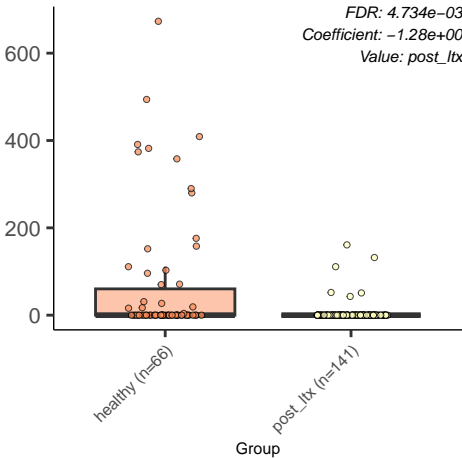
GTAAATACGTAGGTGGCGAGCGTTATCCGGAATTATTGGGCGTAAAG



TACGGAGGATTCAAGCGTTATCCGGATTATTGGGTTTAAAGGGT



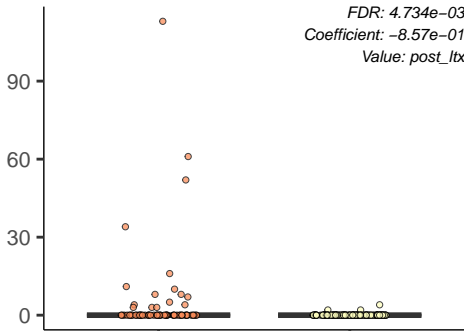
CGGAGGATCCGAGCGTTATCCGGATTATTGGGTTTAAAGGGTGC



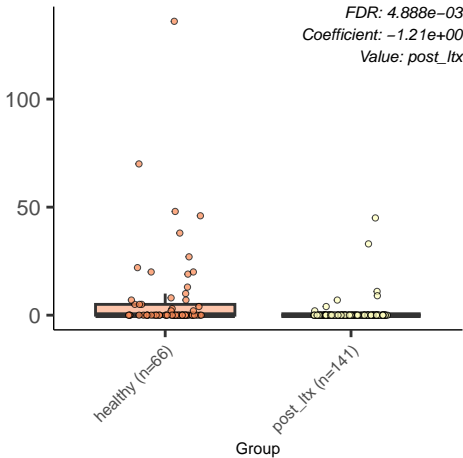


Group

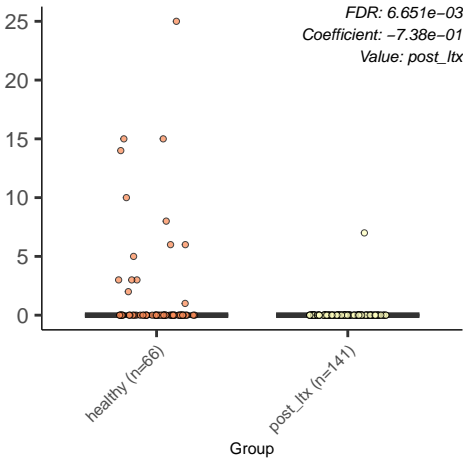
Value: *post\_ltx*



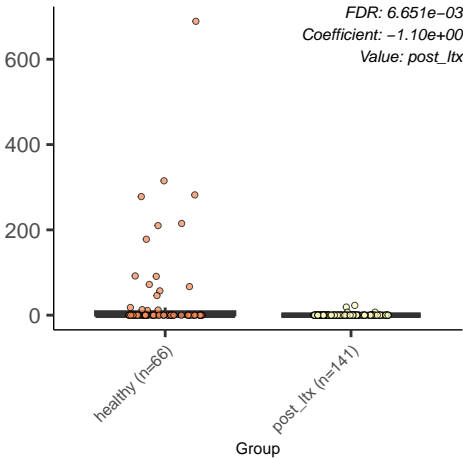
TGTCCGGATTACTGGGTGTAAAGGGCGTGTAGGCGGAGCTGCA



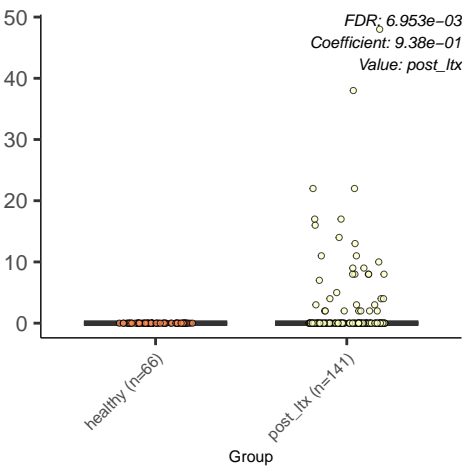
TATCCGGATTACTGGGTGTAAAGGGCGGTAGCGGGGATTGCA



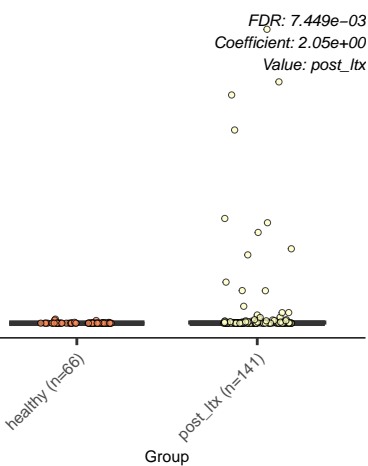
CCGGATTATTGGGTGTTAAAGGGTGCGTAGACGGGAAGGTAAGT



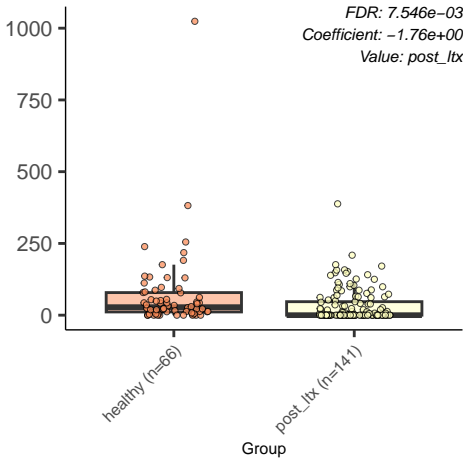
TACGGAGGGTGCAAGCGTTATCCGGATTCACTGGGTTTAAAGGG



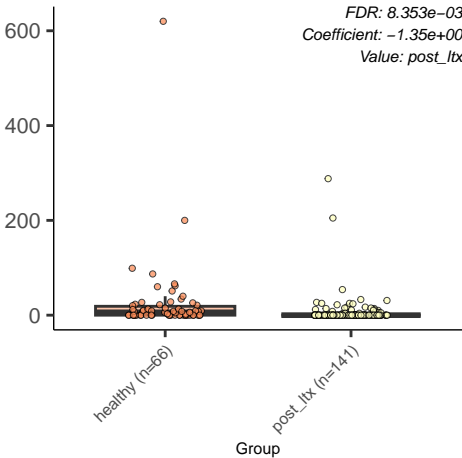
CGGATTACTGGGTGTAAAGGGAGCGTAGACGGTTAAGCAAGTC



CGGATTACTGGGTGTAAAGGGAGCGGTAGACGGTAAAGCAAGTC



CCGGATTACTGGGTGTAAAGGGTGCGTAGGCGGATTGGCAAGT





TGTCGGATTACTGGGTGTAAAGGGCGGTAGGCGGAGCTGC

*FDR: 1.000e-02*  
*Coefficient: -7.89e-01*  
*Value: post\_ltx*

300

200

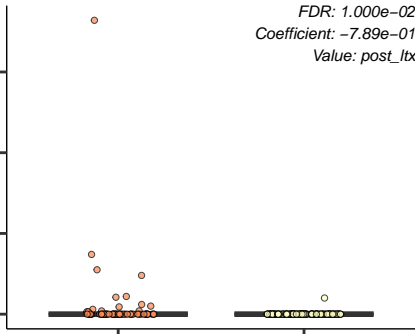
100

0

healthy (n=66)

post\_ltx (n=141)

Group



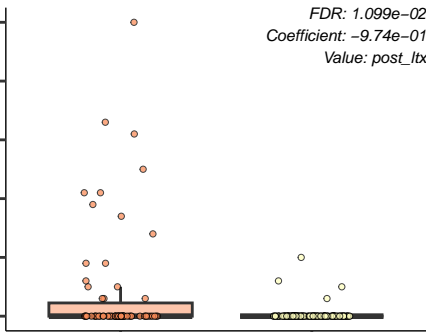
CCGGATTATTGGGCGTAAGCGCGCTAGCGGCTTGTTAAGC

FDR:  $1.099\text{e-}02$   
Coefficient:  $-9.74\text{e-}01$   
Value: *post\_ltx*

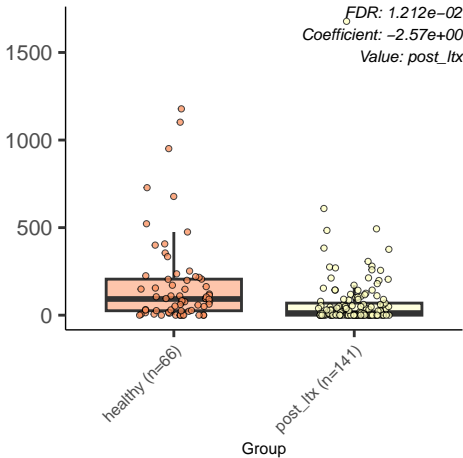
healthy (n=66)

post\_ltx (n=141)

Group

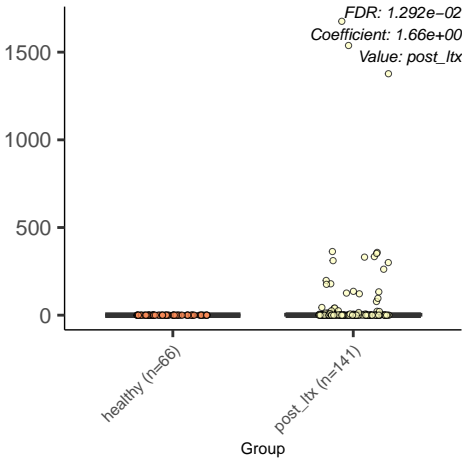


GGATTACTGGGTGTAAAGGAGCGCAGACGGCGATGCAAGT





T:TAATACGTAGGTGGCAAGCGTTGTCCGGATTATTGGGCGTAAAC



CCGGTAATACGTAGGTGGCGAGCGTTATCCGGAATTATTGGCGTA

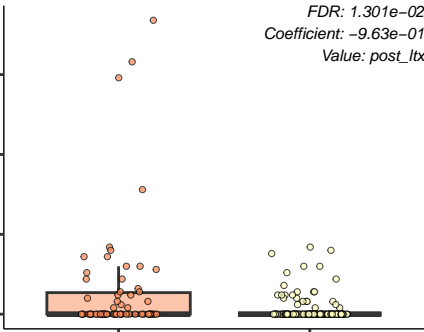
75  
50  
25  
0

*FDR: 1.301e-02*  
*Coefficient: -9.63e-01*  
*Value: post\_ltx*

healthy (n=66)

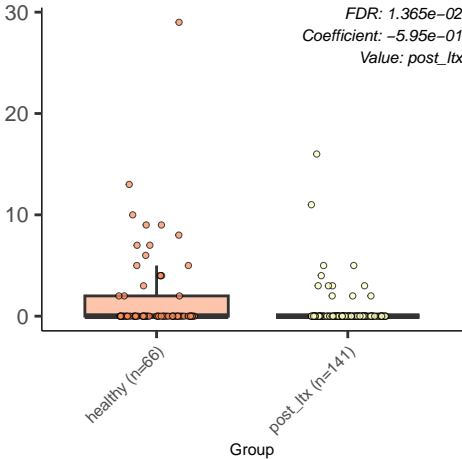
post\_ltx (n=141)

Group

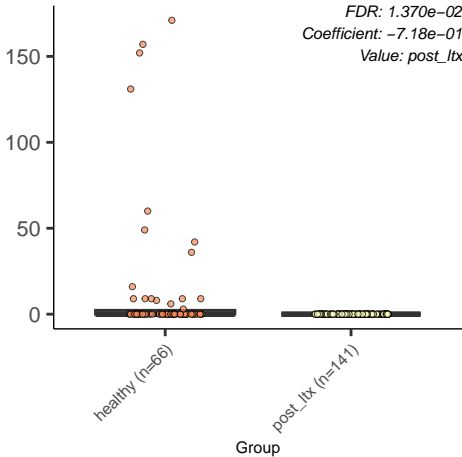
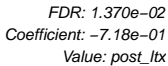


CGGAATTACTGGGTGTTAAAGGGAGTGTAGCGGGATCATAAGTTT

*FDR: 1.365e-02*  
*Coefficient: -5.95e-01*  
*Value: post\_ltx*



CCGGAATTACTGGGTGTAAAGGGAGCGTAGCGGGATCTTAAGT



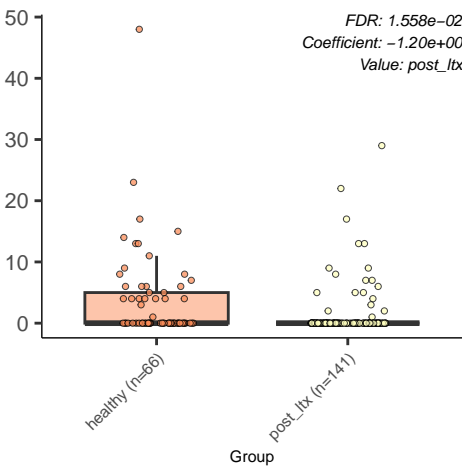
healthy (n=66)

post\_ltx (n=141)

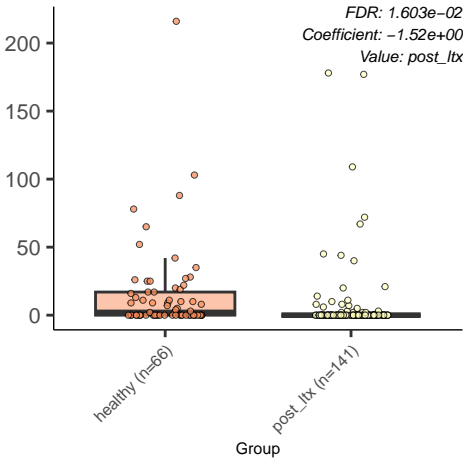
Group



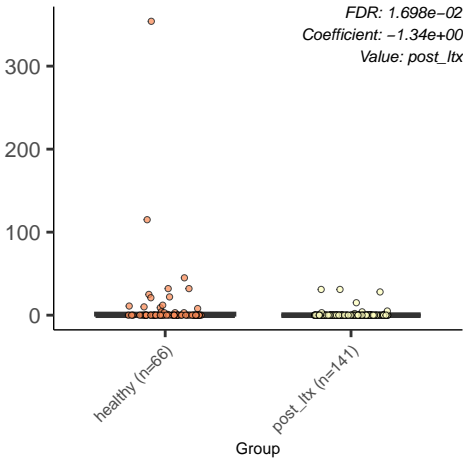
GTCCGGATTACTGGGTGTAAAGGGCGGTAGGCGGAGCAGCA



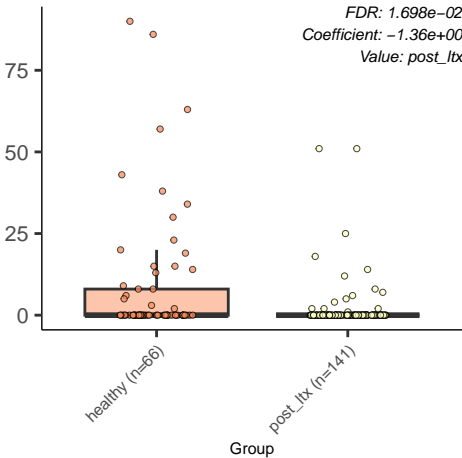
CCGGAATTACTGGGCGTAAAGGGTGCGTAGGTGGTTTCTTAAGT



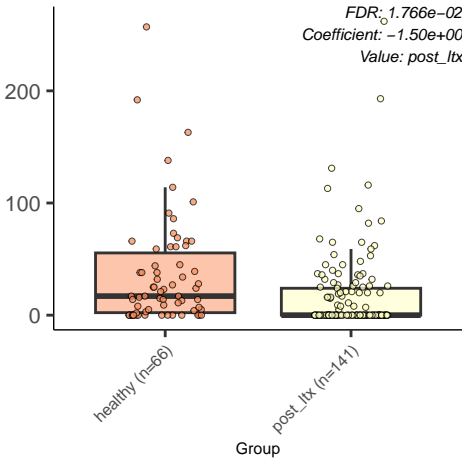
GGATTGCGCGTAAAGCGCGGTAGCGCGCGCGCTAAGCGG



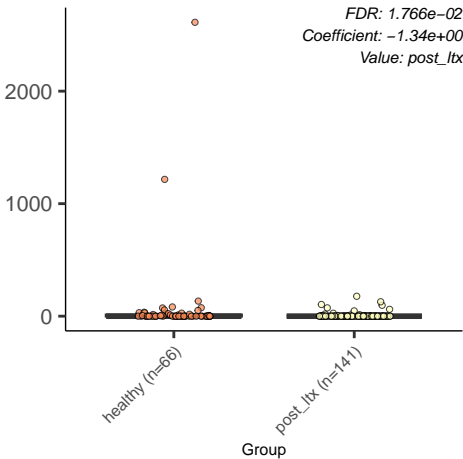
TATCCGGAATTACTGGGTGTAAAGGGTGAGTAGGCGGCATGACAA



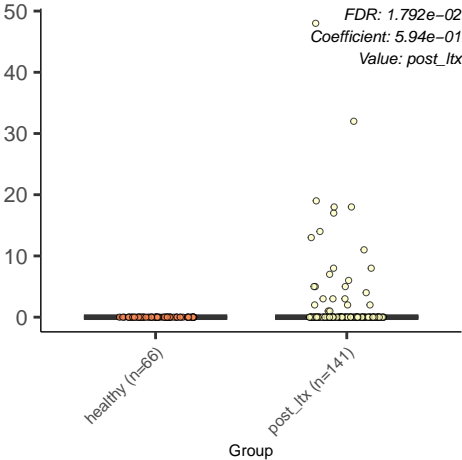
TATCCGGATTACTGGGTGTAAAGGGCGGTAGGCGGGAAGCA



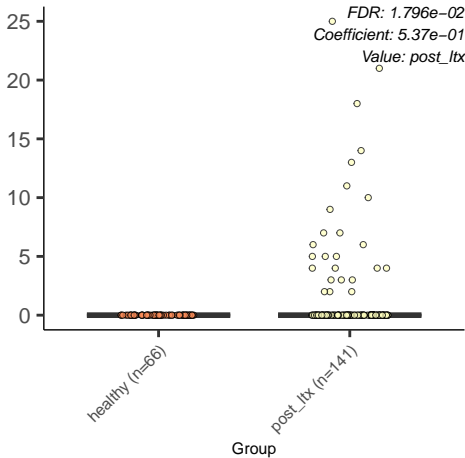
GGATTACTGGGTGTAAGGGAGCGTAGACGGCACAGCAAGTC



GTGTCGGATTATTGGCGTAAGGGCTCGTAGGTGGTTGATC



5GTAATACGTAGGTGCGAGCGTTAATCGGAATTACTGGGCGTAA





CGGAGGATCCGAGCGTTATCCGGATTATTGGGTTTAAAGGGAGG

1000

500

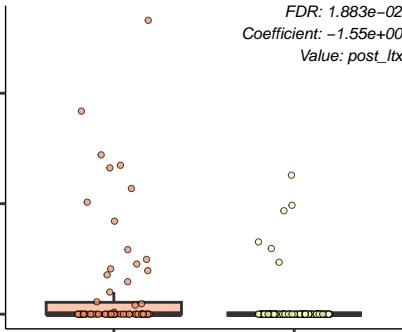
0

healthy (n=66)

post\_ltx (n=141)

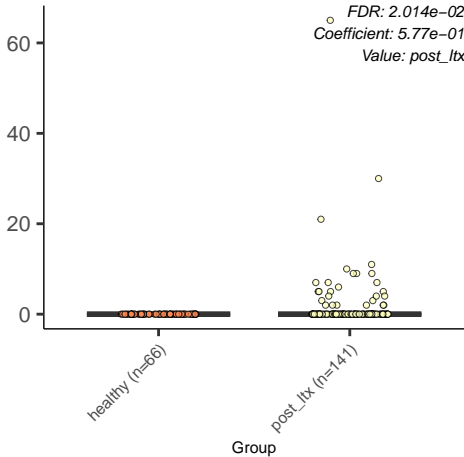
Group

FDR:  $1.883e-02$   
Coefficient:  $-1.55e+00$   
Value: post\_ltx



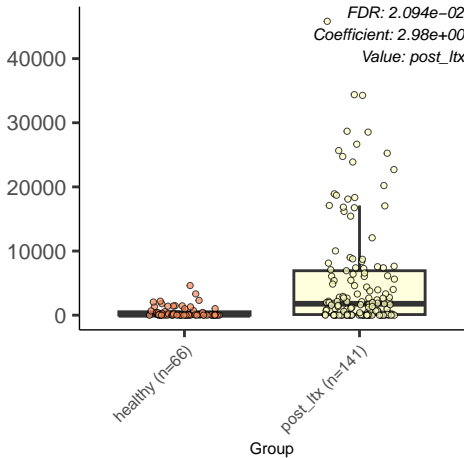
CGGAATCACTGGCGCTAAAGGGCGCGTAGGCGGCCATTCAAGT

*FDR: 2.014e-02*  
*Coefficient: 5.77e-01*  
*Value: post\_ltx*

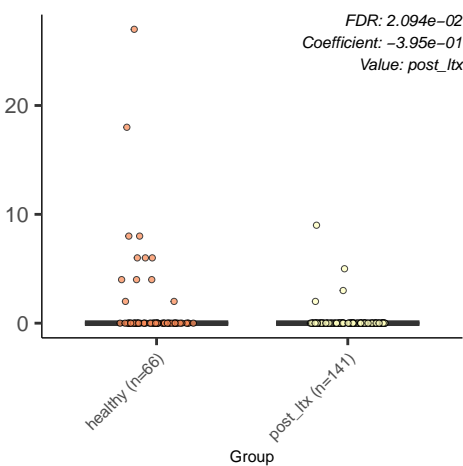


GTAAATACGGAGGGTGCAAGCGGTTAATCGGAATTACTGGGCGTAA

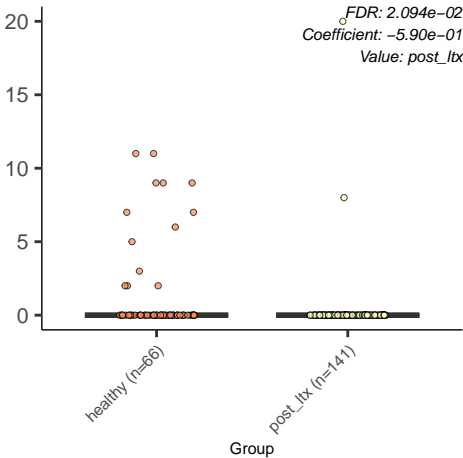
*FDR: 2.094e-02*  
*Coefficient: 2.98e+00*  
*Value: post\_ltx*



TGTCCGGAATTACTGGGTGTAAAGGGAGCGCAGCGGAACCTGG

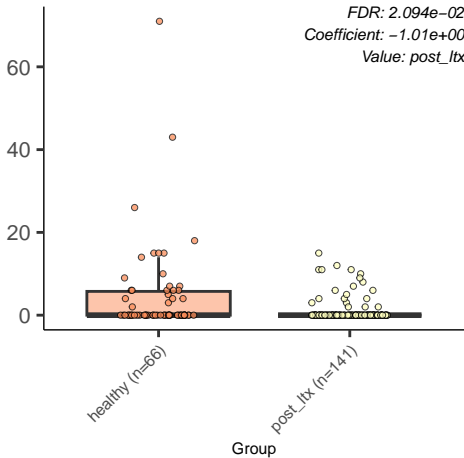


TATCCGGATTACTGGGTGTAAAGGGCGGTAGGCGGGAGTGTA

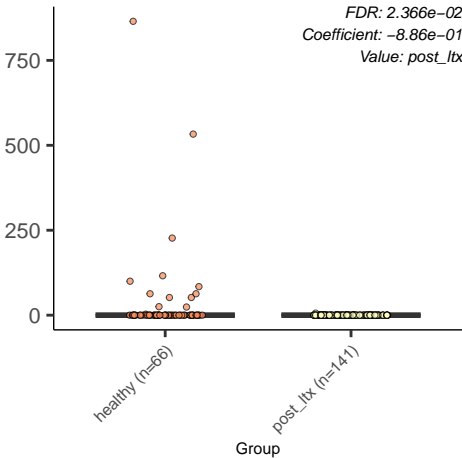


TCCGGAATTACTGGGTGTTAAAGGGAGCGGTAGCGGGACAGCAAA

*FDR: 2.094e-02*  
*Coefficient: -1.01e+00*  
*Value: post\_ltx*

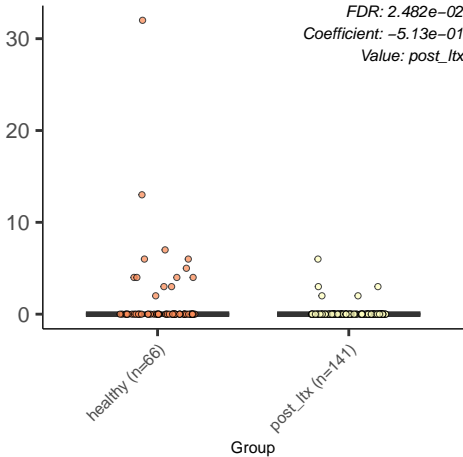


CGGAGGATCCGAGCGTTATCCGGATTATTGGGTTTAAAGGGAGG



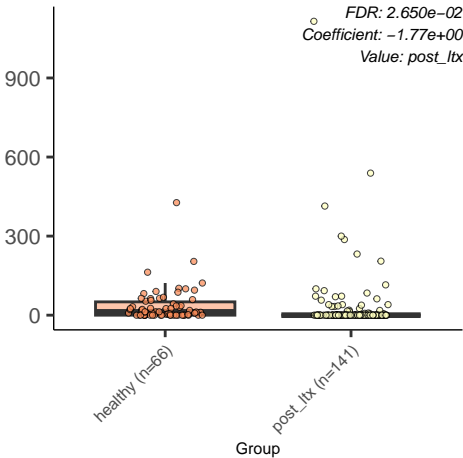
CCGGAATTACTGGGTGTAAAGGGAGCGTAGCGGGGATGGCAAG

*FDR: 2.482e-02*  
*Coefficient: -5.13e-01*  
*Value: post\_ltx*

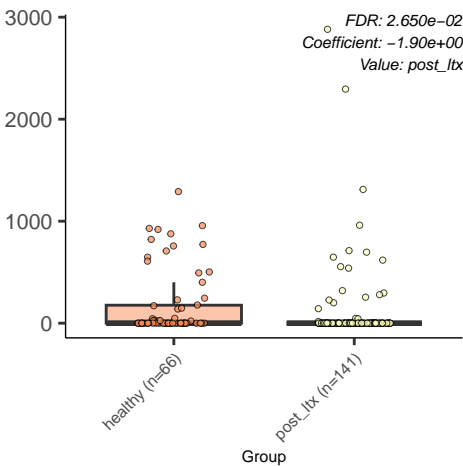




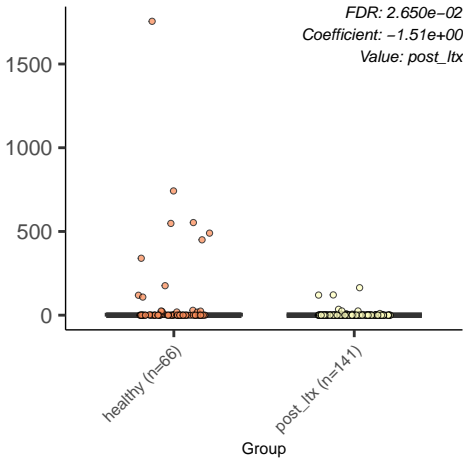
GTCCGGATTACTGGGTGTAAAGGGCGTGCAGCCGGGAATGCA



GGTAATACGTAGGTGGCGAGCGTTGTCCGGAATTATTGGCGCTAA



GTAATACGTAGGGTGGGAGCGTTAATCGGAATTACTGGGCGTAA



TTGTCGGAATTATTGGGCGTAAGGGCGGTAGACGGCTGTG

FDR:  $2.650e-02$   
Coefficient:  $-3.49e-01$   
Value: *post\_ltx*

20

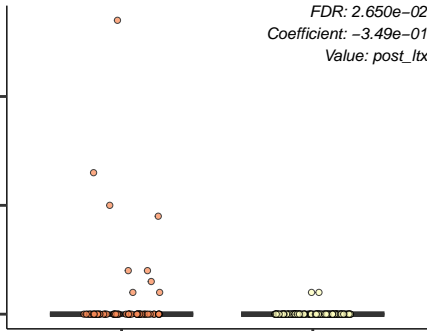
10

0

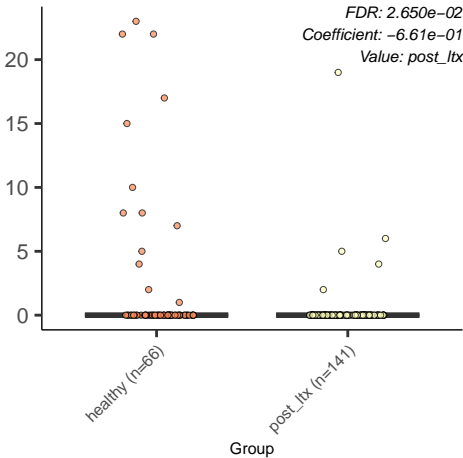
healthy (n=66)

post\_ltx (n=141)

Group

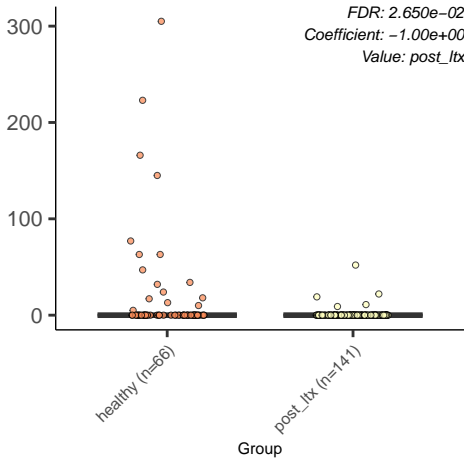


GTCCGGATTACTGGGTGTAAGGGCGTGCAGCCGGGCATGCA



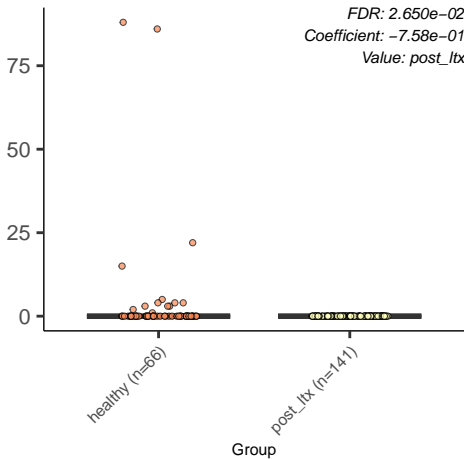
ACGGAGGATGCGAGCGGTTATCCGGATTATTGGGTTTAAAGGGTC

FDR: 2.650e-02  
Coefficient: -1.00e+00  
Value: post\_ltx

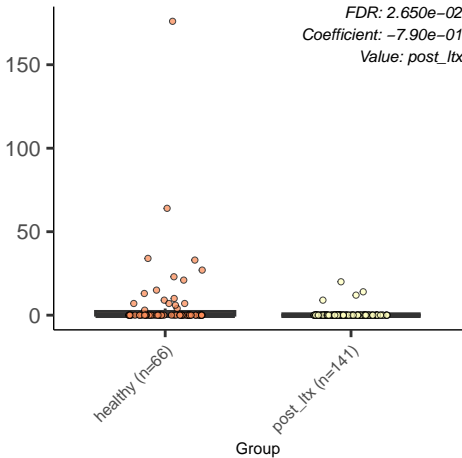


TATCCGGATTACTGGGTGTTAAAGGGCGGTAGGCGGGATTGCA

*FDR: 2.650e-02*  
*Coefficient: -7.58e-01*  
*Value: post\_ltx*



GGTAATACGTAGGGGGCGAGCGGTTGTCCGGAATCACTGGGCGTA

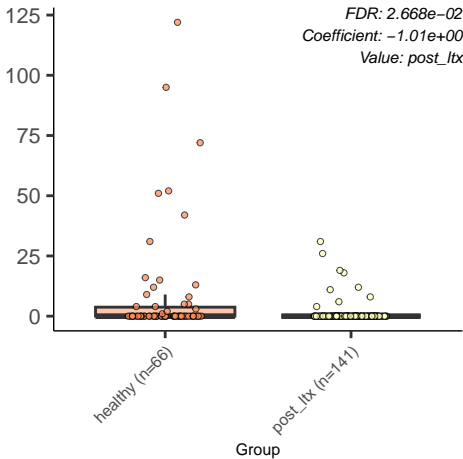




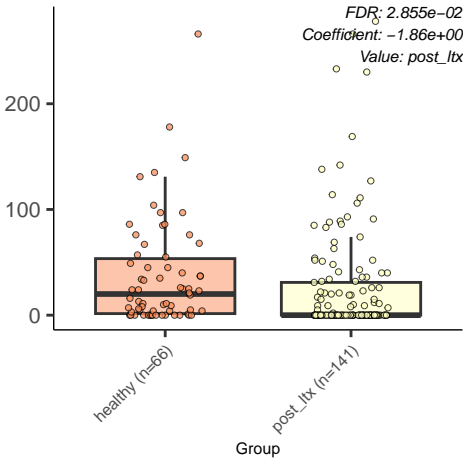
Group

FDR: 2.650e-02  
Coefficient: -3.38e-01  
Value: post\_ltx

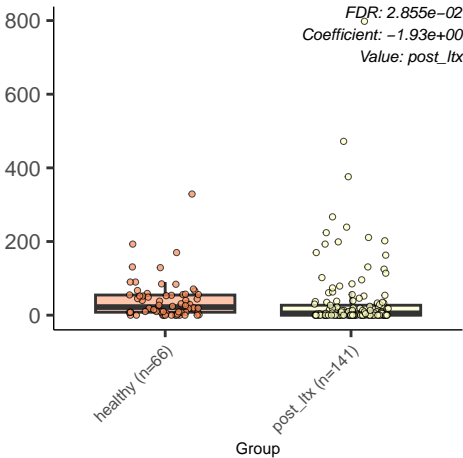
GGATTACTGGGTGTAAGGGTGCGTAGGTGGCAAGGCAAGTC



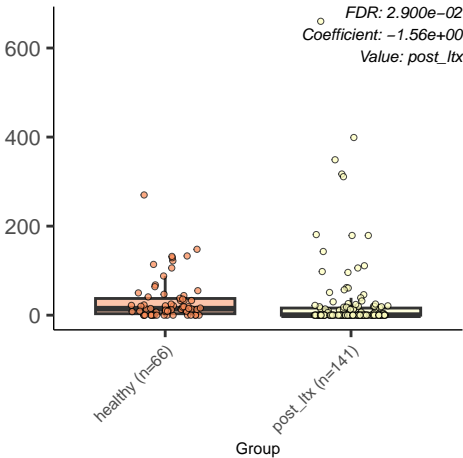
CGGATTACTGGGTGTAAAGGGAGCGGTAGACGGTCAAGCAAGTCT



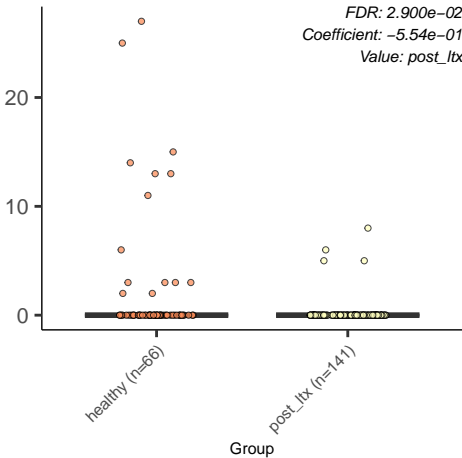
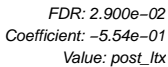
GTCCGGATTACTGGGTGTAAAGGGCGGTGCAGCCGGGCCGGCA



CGGATTACTGGGTGTAAAGGGAGCGTAGGCGGTCTGACAAGT



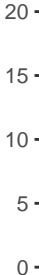
ATCCGGATTACTGGGTGTAAAGGGCGAGTAGGCGGGATTGCAA



post\_ltx (n=141)

FDR: 2.935e-02  
Coefficient: -6.78e-01  
Value: post\_ltx

TCCGGAATTACTGGGTGTAAGGGAGCGTAGGCGGGGAGGCAA



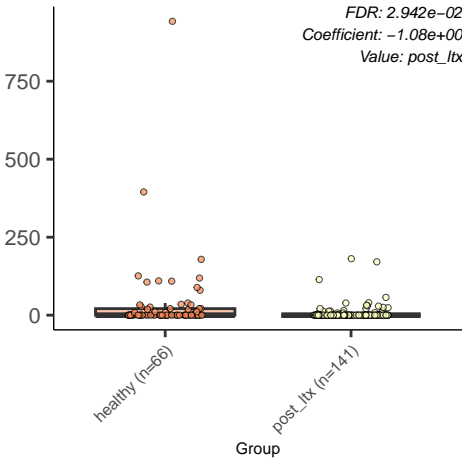
*FDR: 2.935e-02*

Coefficient:  $-2.74e-01$

Value: *post\_ltx*



TTACGGAGGATCCAAGCGTTATCCGGATTATTGGGTTTAAAGGG



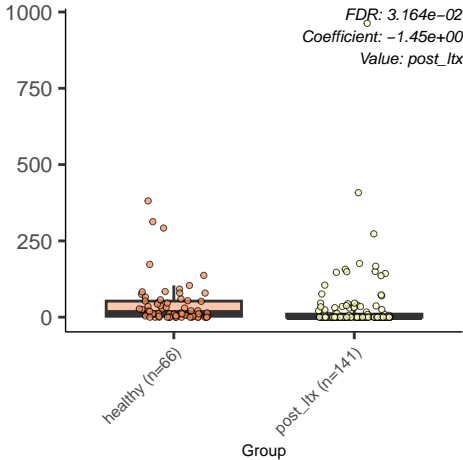
healthy (n=66)

post\_ltx (n=141)

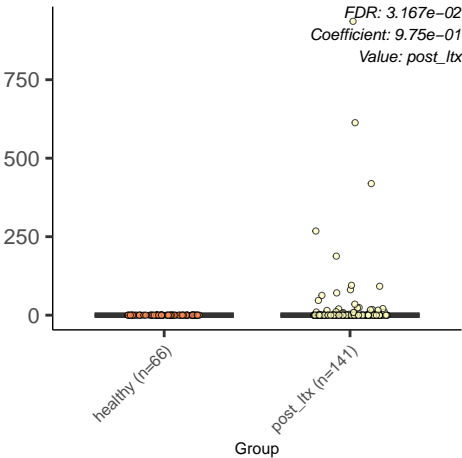
Group

FDR: 2.946e-02  
Coefficient: -3.97e-01  
Value: post\_ltx

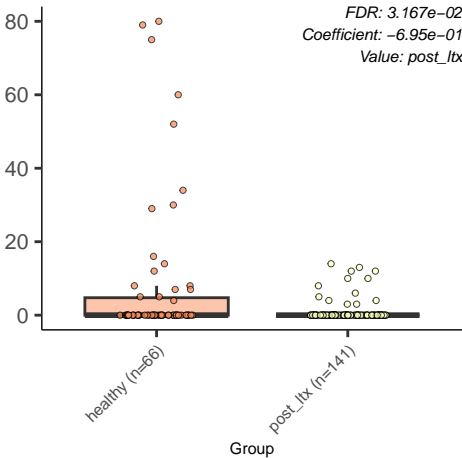
CGGATTACTGGGTGTAAGGGAGCGTAGACGGATTAGCAAGTCT



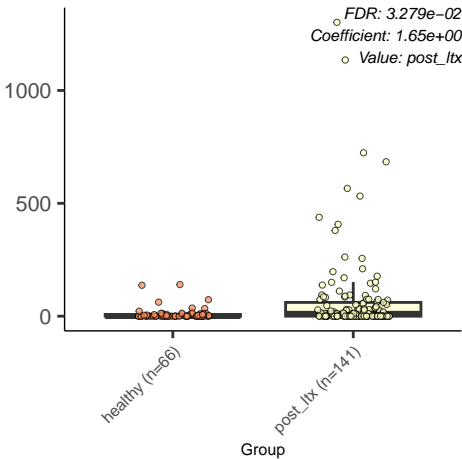
STAATACGTAGGTGTCGAAGCGTTGTCCGGATTATTGGCGTAAAC



CCGGATTACTGGGTGTAAGGGCGGTAGGCGGGACTGCAAG

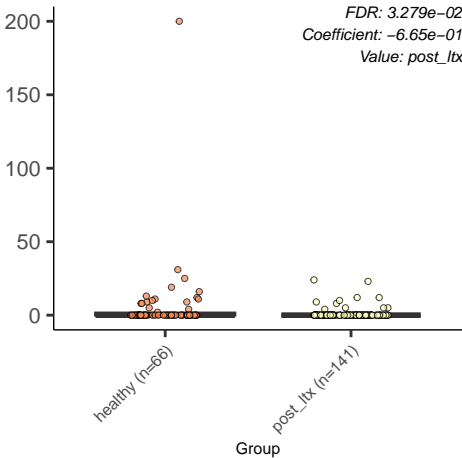


CCGGATTACTGGGTGTAAAGGAGCGCAGCGGTACGGCAAGT



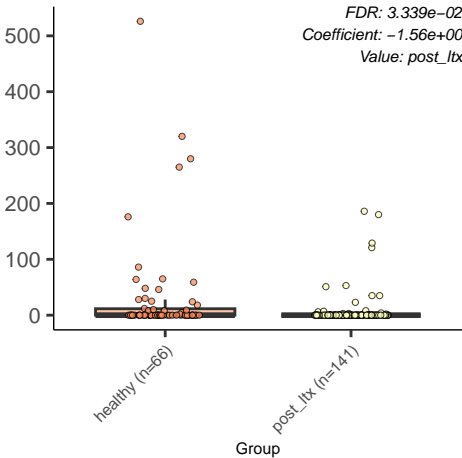


GGATTGCGGCGTAAAGCGCGGTAGGCGCGCGCTAAGCG

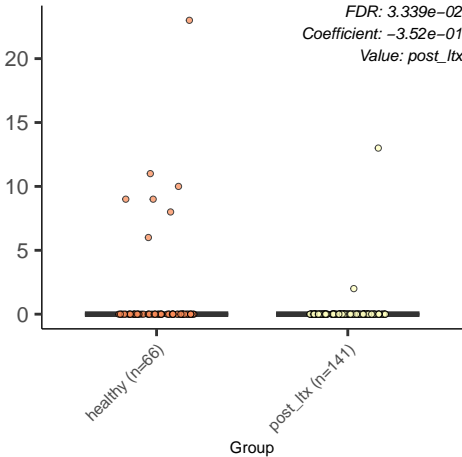
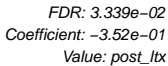




ACGGAGGATCCAAGCGTTATCCGGATTATTGGGTTTAAAGGGTG

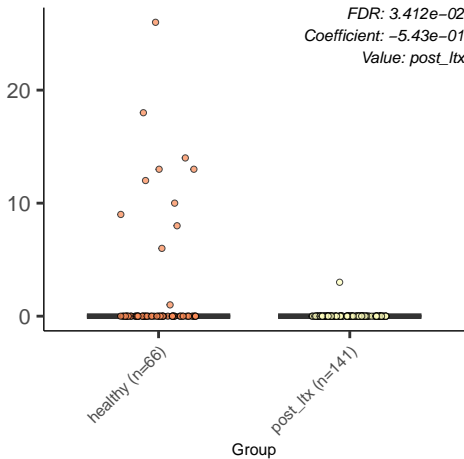


GTCCGGATTACTGGGTGTAAAGGGCGGTGTAGCCGGGGAGACA

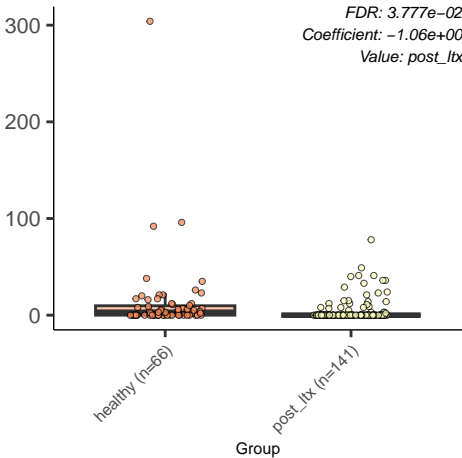


GTCCGGAATTACTGGGTGTAAAGGGAGCGTAGGCGGAAAGCA

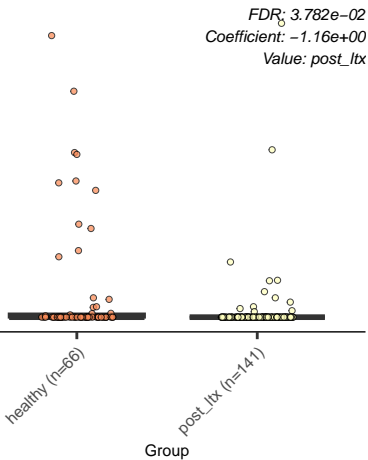
*FDR: 3.412e-02*  
*Coefficient: -5.43e-01*  
*Value: post\_ltx*



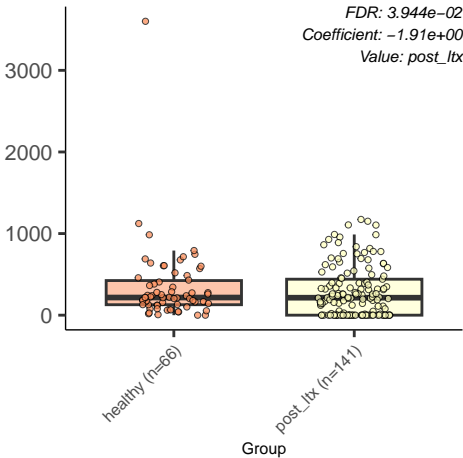
GGATTACTGGGTGTAAGGGAGCGTAGCGGCATGGCAAGTCA



GGAGATGCGAGCGTTATCCGGATTATTGGGTTTAAAGGGTGO



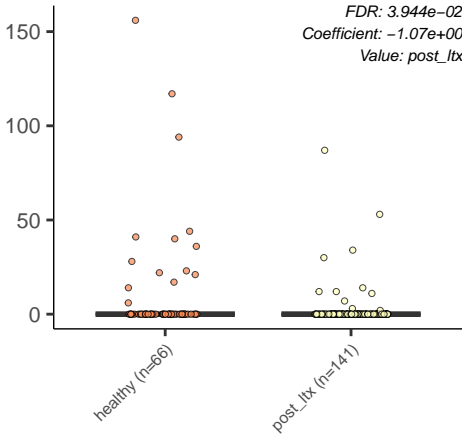
GGATTACTGGGTGTAAGGGAGCGGTAGACGGCACGGCAAGCCA



healthy (n=66)

Group

FDR: 3.944e-02  
Coefficient: -1.07e+00  
Value: post\_ltx



CGGTAATACGTAGGTCCCGAGCGTTGTCCGGATTATTGGGCGT

FDR:  $4.097e-02$   
Coefficient:  $1.85e+00$   
Value: *post\_ltx*

600

400

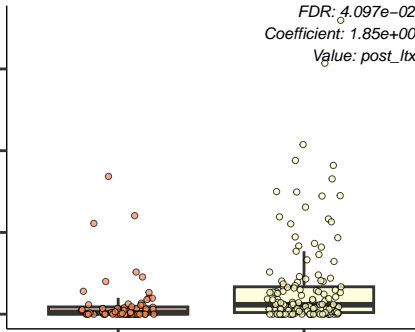
200

0

healthy (n=66)

post\_ltx (n=141)

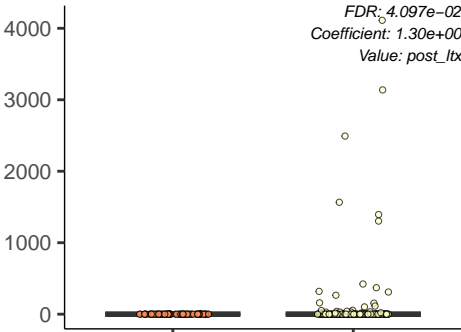
Group





Group

FDR: 4.097e-02  
Coefficient: 1.30e+00  
Value: post\_ltx



CGGATTACTGGGTGTAAAGGGAGCGGTAGACGGTTTTTGCAAGTC

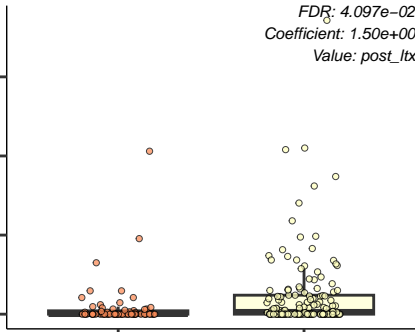
*FDR: 4.097e-02*  
*Coefficient: 1.50e+00*  
*Value: post\_ltx*

600  
400  
200  
0

healthy (n=66)

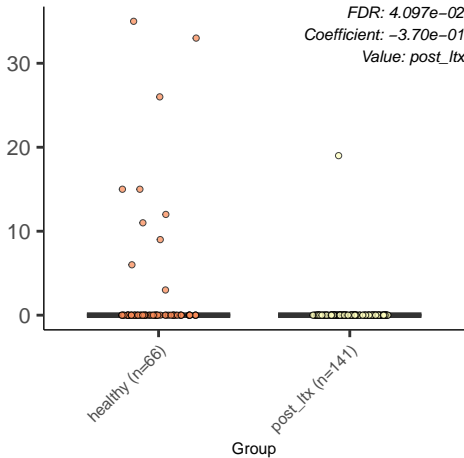
post\_ltx (n=141)

Group



TC CGGATTACTGGGTGTTAAAGGGCGGTAGGCGGGACTGCAAA

FDR:  $4.097e-02$   
Coefficient:  $-3.70e-01$   
Value: *post\_ltx*



6GTAATACGTAGGGGCGAGCGTTGTCCGGAATCACTGGGCGTA

*FDR: 4.097e-02*  
*Coefficient: -6.90e-01*  
*Value: post\_ltx*

150

100

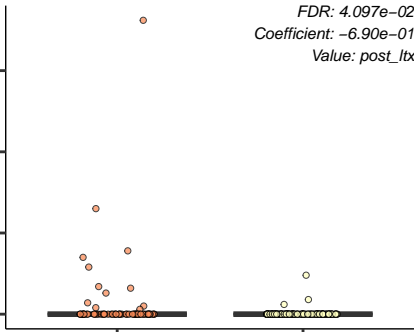
50

0

healthy (n=66)

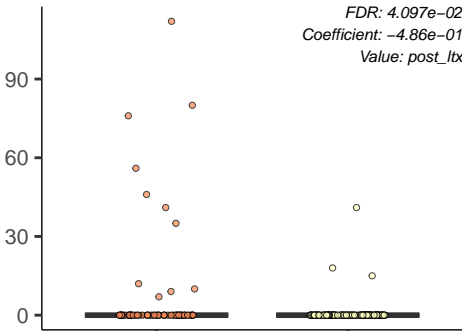
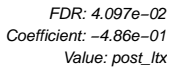
post\_ltx (n=141)

Group

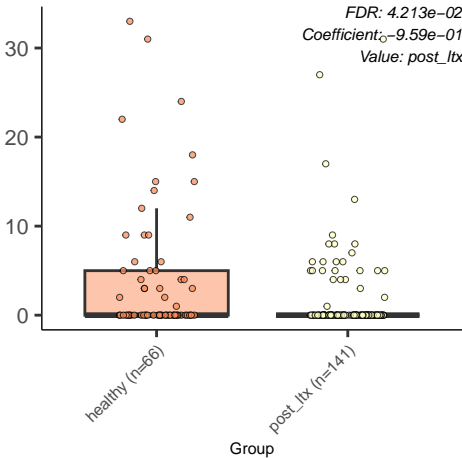


healthy (n=66)

post\_itx (n=141)



CGGATTACTGGGTGTAAGGGAGCGTAGACGGCGAGGCAAGT





TCCGGATTATTGGGTGTAAAGGGTGCGTAGACGGGAAGTCAAG

200

150

100

50

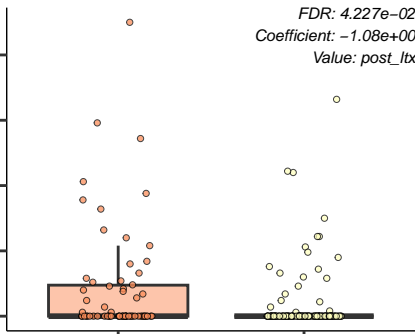
0

healthy (n=66)

post\_ltx (n=141)

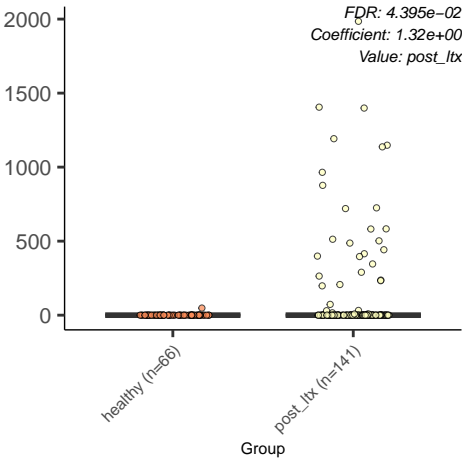
Group

FDR:  $4.227e-02$   
Coefficient:  $-1.08e+00$   
Value: *post\_ltx*





CCGGATTACTGGGCGTAAAGGGAGCGTAGGCGGATGATTAAGTC



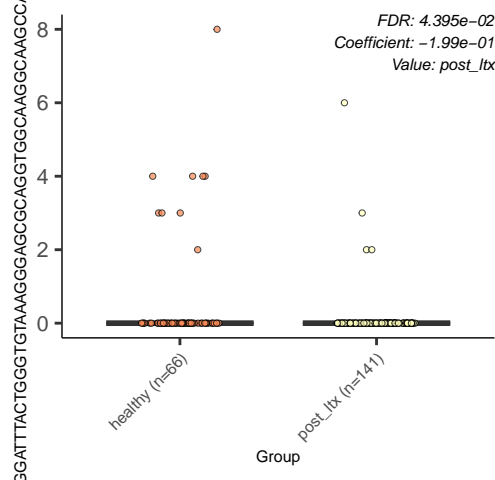
post\_ltx (n=141)

Group

*FDR: 4.395e-02*

*Coefficient: -1.99e-01*

Value: *post\_ltx*



TACGGAGGATGCGAGCGGTTATCCGGATTATTGGGTTTAAAGGGT

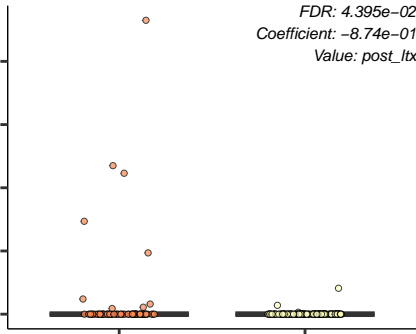
*FDR: 4.395e-02*  
*Coefficient: -8.74e-01*  
*Value: post\_ltx*

400  
300  
200  
100  
0

healthy (n=66)

post\_ltx (n=141)

Group



Group

FDR: 4.395e-02  
Coefficient: -7.69e-01  
Value: post\_ltx

CGGATTACTGGGTGTAAGGGAGGTAGGCGGCATGGCAAGT

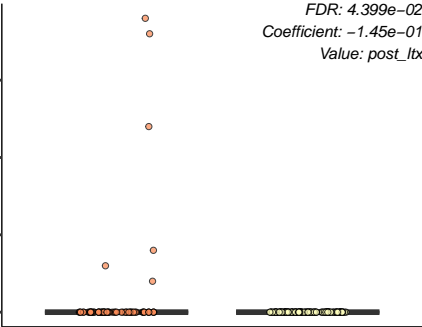
*FDR: 4.399e-02*  
*Coefficient: -1.45e-01*  
*Value: post\_ltx*

15  
10  
5  
0

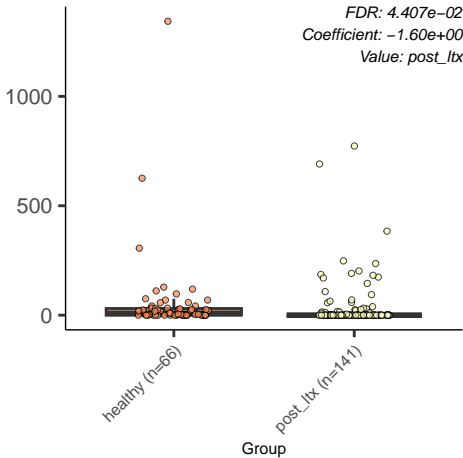
healthy (n=66)

post\_ltx (n=141)

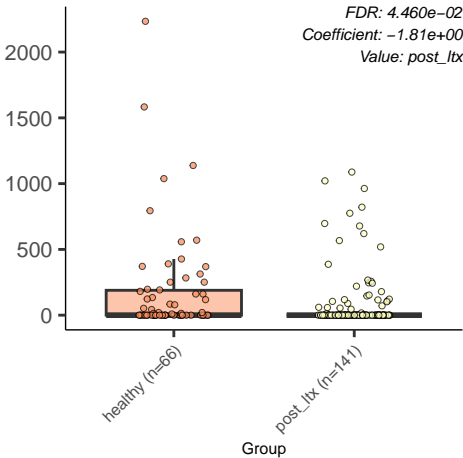
Group



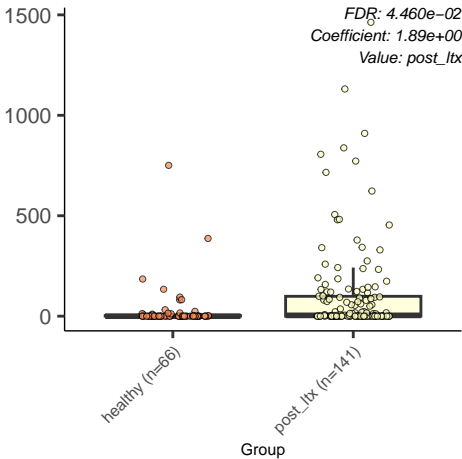
TGTCCGGATTACTGGGTGTAAAGGGCGGTAGGCGGAGAAGCA



CGGAGGATCCGAGCGTTATCCGGATTATTGGGTTTAAAGGGAGG

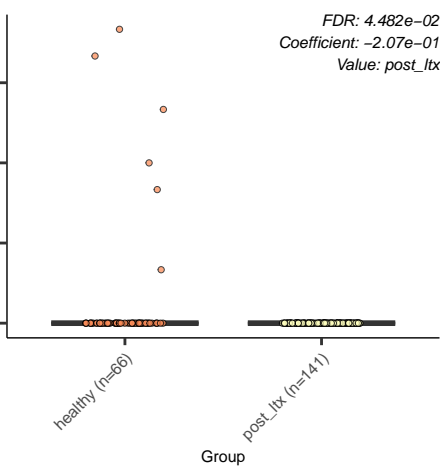


CGGATTACTGGGTGTAAGGGAGCGGTAGACGGTAAAGCAAGT

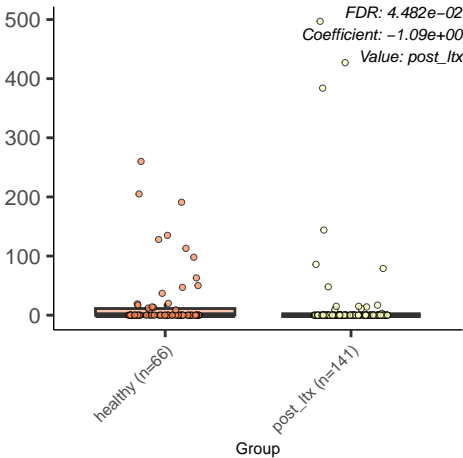




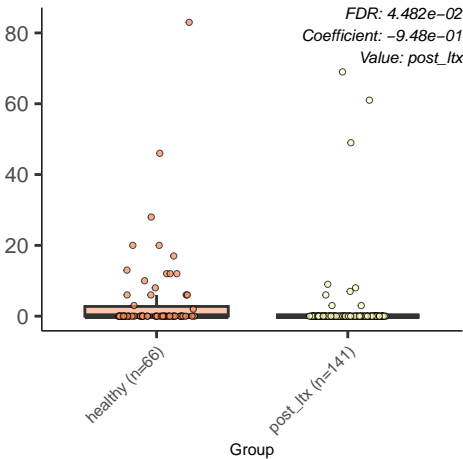
TTGTCCGGAATTACTGGGTGTAAAGGGTGCGTAGGCGGGGATG



TGTCCGGAATTACTGGGTGTAAAGGGAGCGTAGCGGGGAGGCG



CGGATTACTGGGTGTTAAAGGGAGCGGTAGACGGTATGGCAAGTC

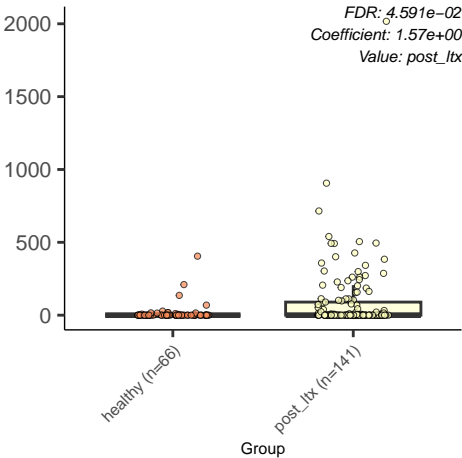


Value: *post\_ltx*

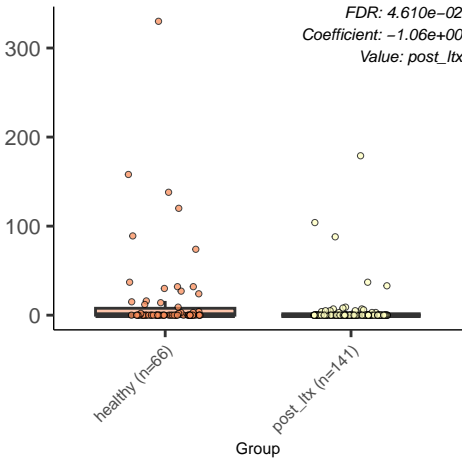


Group

CGGTAATACGTAGGTGGCAAGCGTTGTCCGGAATTATTGGGCGTA

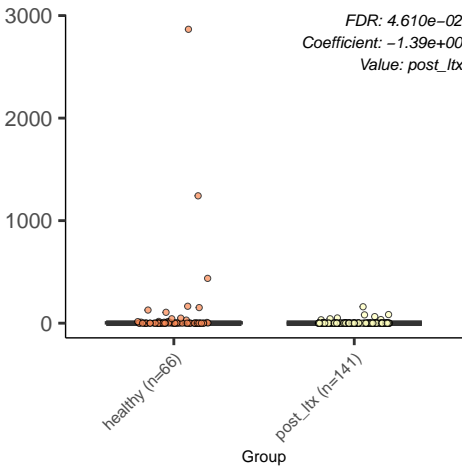


CCGGAATTACTGGGTGTAAAGGGAGGTAGGCGGGAAGGCAAG

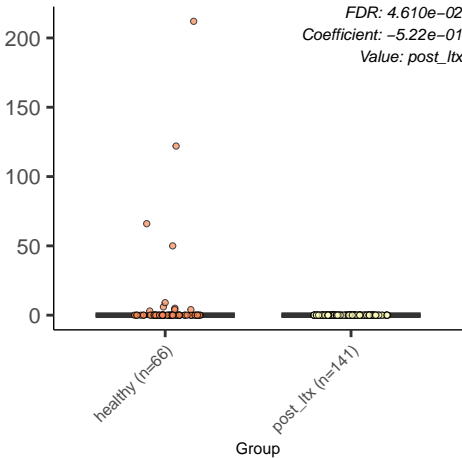


GTCCGGAATAATTGGGCGTAAGGGCGCGTAGGCGGCTCGGTA

*FDR: 4.610e-02*  
*Coefficient: -1.39e+00*  
*Value: post\_ltx*

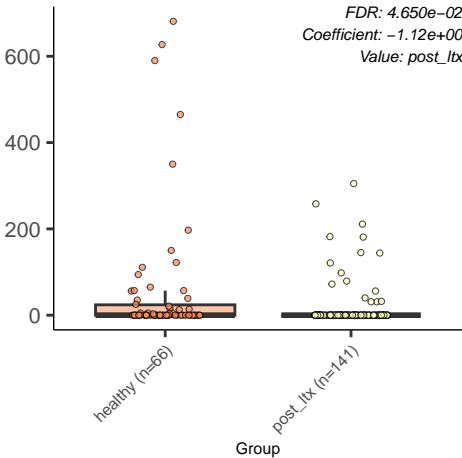


CGGATTACTGGGTGTAAGGGTGGTAGGTGGCAAGGCAAGTC

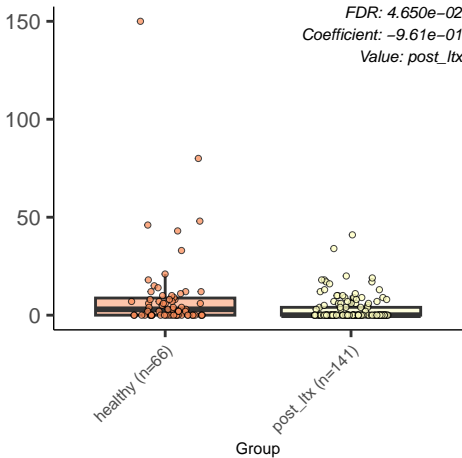




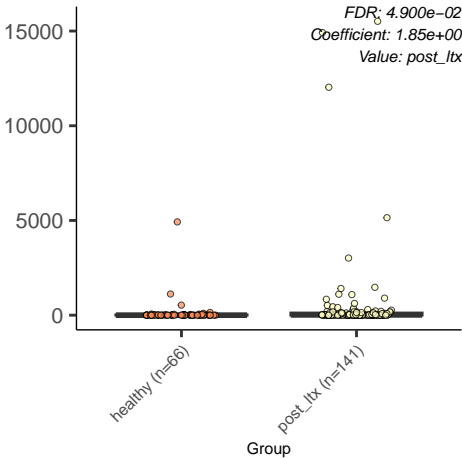
GTCCGGAATGATTGGCGGTAAAGGGCGGTAGGCGGCCTGCCTA



GGATTACTGGGTGTAAGGAGCGTAGGCGGTCTGGCAAGCC



CGGATTACTGGGTGTAAAGGGAGCGGTAGACGGCGAAGCAAGTC



GTCCGGATTACTGGGTGTTAAAGGGTGCGTAGGCGGGATGGCA

