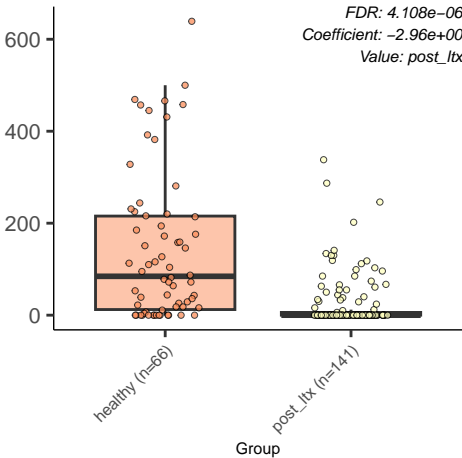
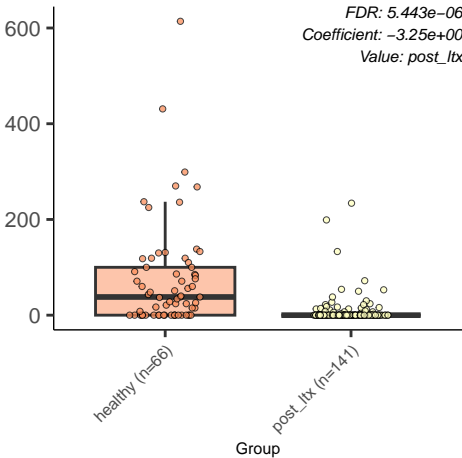


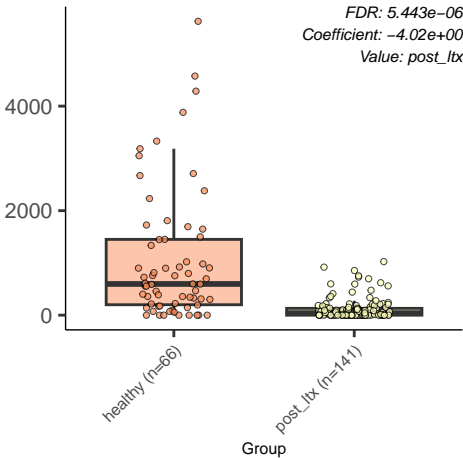
ATCCGGAATTACTGGGTGTAAAGGGAGCGTAGGGCGGCACGCCAA



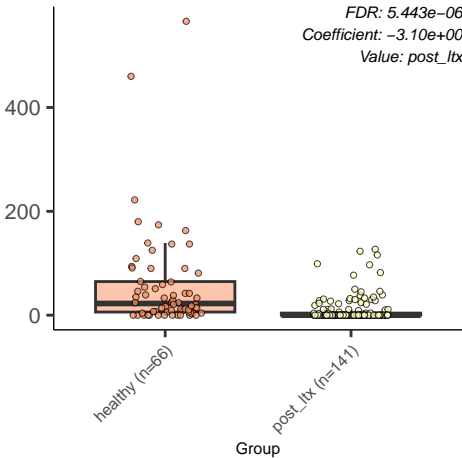
GGATTACTGGGTGTTAAAGGGAGCGGTAGACGGCAGCGCAAGTC



:GGATTACTGGGTGTAAAGGGAGCGGTAGACGGCGAGACAAAGTC



ATCCGGATTACTGGGTGTAAAGGGCGGTGTAGGCGGGAAGGCAAA



CGGATTACTGGGTGTAAAGGGAGCGGTAGACGGAACAGCAAGT

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

20

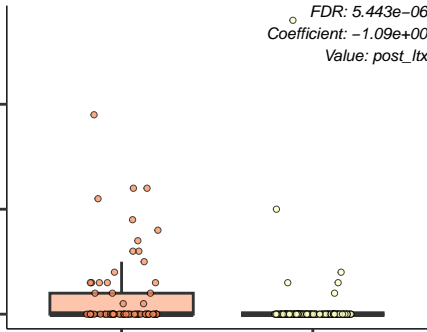
10

0

healthy (n=66)

post\_ltx (n=141)

Group



GGATTACTGGGTGTAAAGGGAGCGTAGACGGCTGTGTAAAGTCT

2000

1000

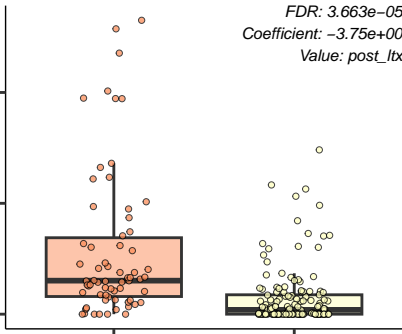
0

healthy (n=66)

post\_ltx (n=141)

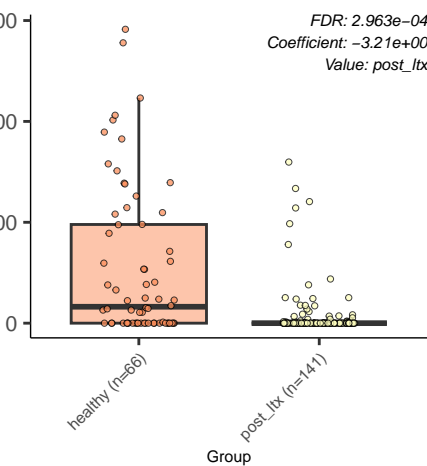
Group

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



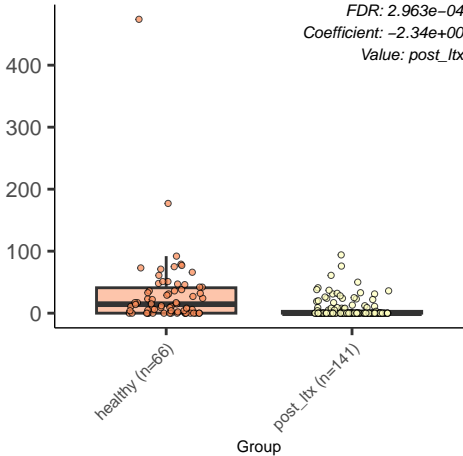
CGGAATTACTGGGTGTAAAGGGAGCGCAGCGCGGCGATCAAGT

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



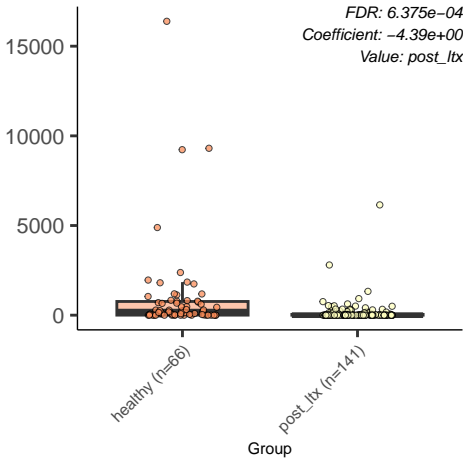
CGGATTACTGGGTGTAAAGGGAGCGGTAGACGGCTAAGCAAGTC

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

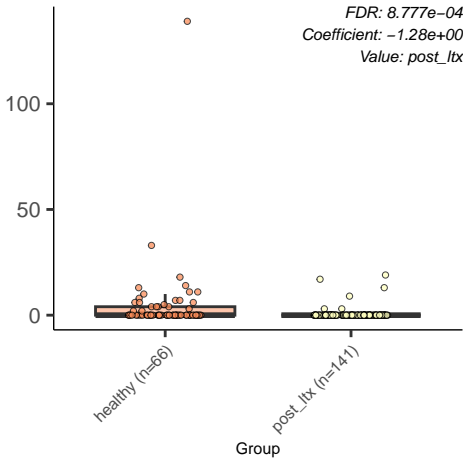




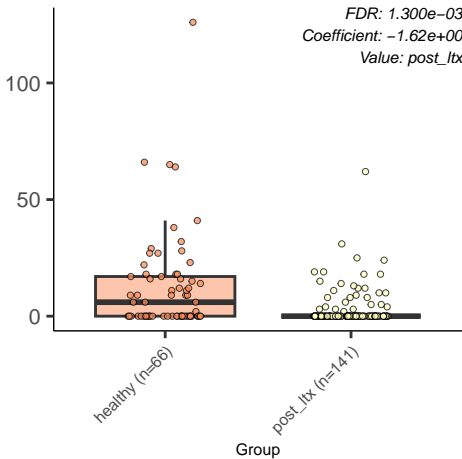
GGATTACTGGGTGTAAAGGGAGCGTAGACGGAGTGCGCAAGTC



TTATCCGGAATTATTGGGCGTAAAGAGTGCGTAGGTGGTAACCTTAA

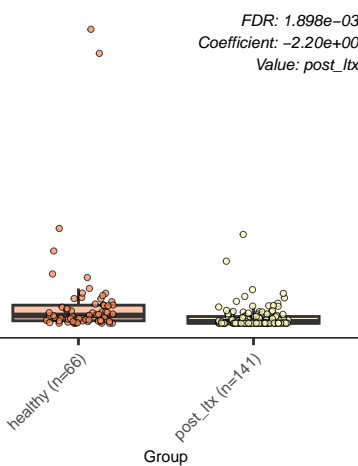


GTCCGGATTACTGGGTGTAAAGGGCGGTAGCCGGGAGACA



GGATTACTGGGTGTAAGGGAGCGCAGACGGCACTGCAAGTC

*FDR: 1.898e-03*  
*Coefficient: -2.20e+00*  
*Value: post\_ltx*



TCCGGAATTATTGGGTGTAAAGGGTGCGGTAGACGGGAGAACAAAG

75

50

25

0

healthy (n=66)

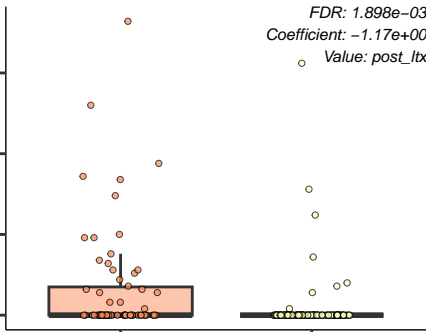
post\_ltx (n=141)

Group

FDR: 1.898e-03

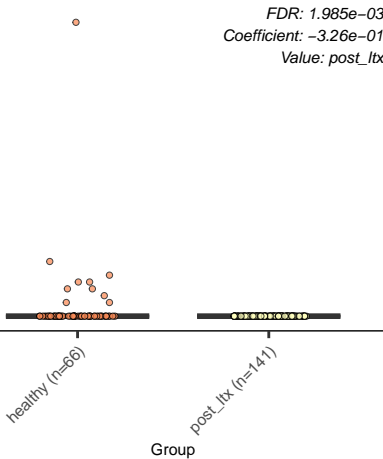
Coefficient: -1.17e+00

Value: post\_ltx



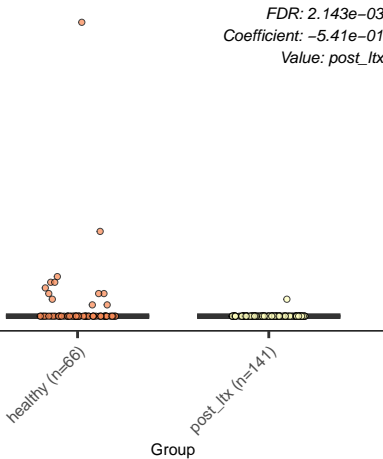
CCGGATTACTGGGTAAAGGGAGCGTAGGTGGTAGTGC AAGT

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

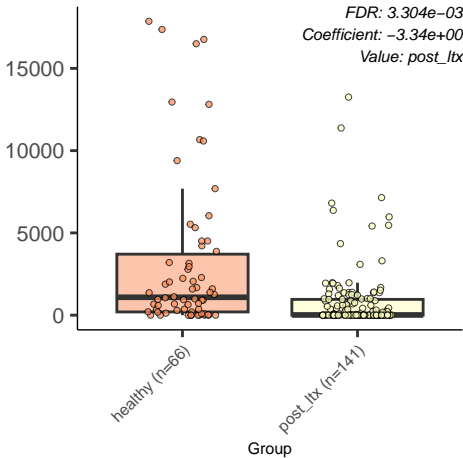


GTCCGGATTACTGGGTGTAAAGGGCGGTAGCCGGGTGTAA

*FDR: 2.143e-03*  
*Coefficient: -5.41e-01*  
*Value: post\_ltx*

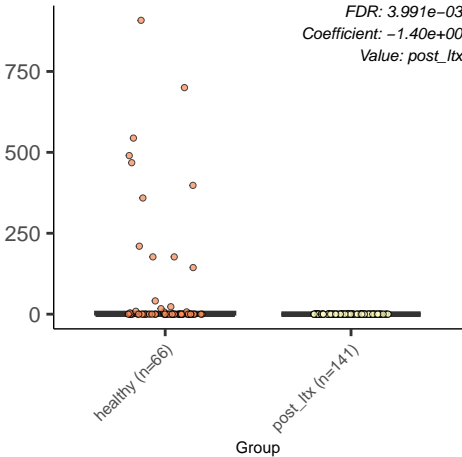
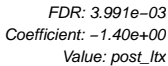


CGGAATTACTGGGTGTAAAGGGAGCGCAGCGGGGAGAACCAAGT



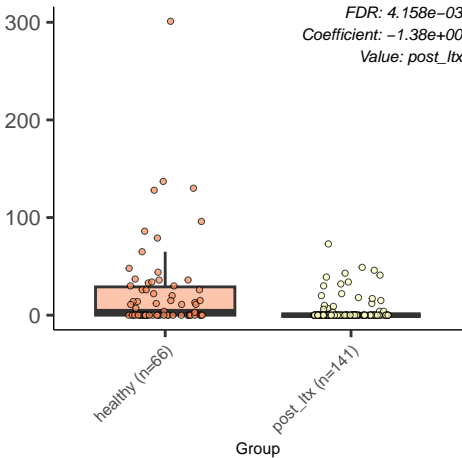


GTTCCGAATTACTGGCGGTAAAGGTTGTAGCGGATTTGTAA

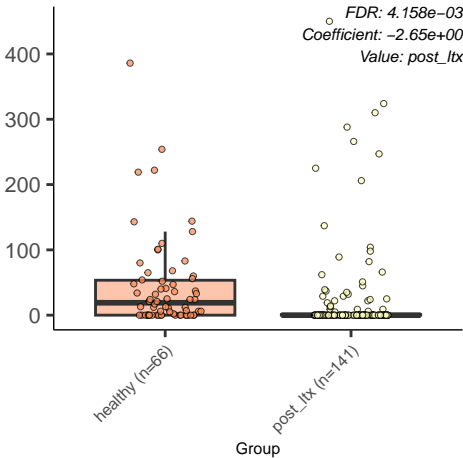


Group

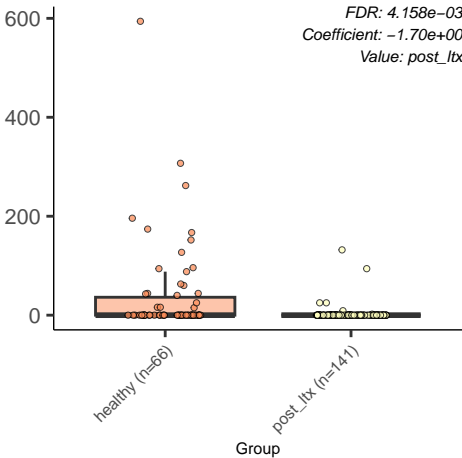
CGGATTACTGGGTAAAGGGAGCGTAGGTGGTATGGCAAGTC



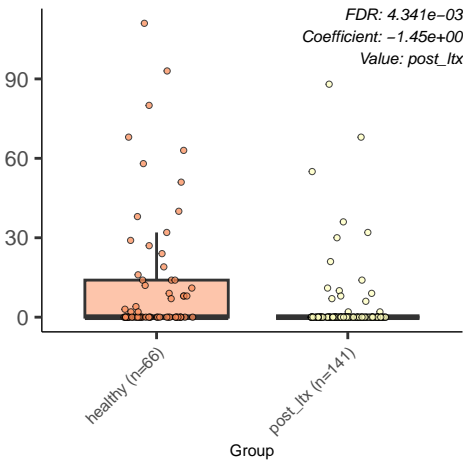
ATACGGAGGATGCGAGCGGTTATCCGGATTATTGGGTTTAAAGGG



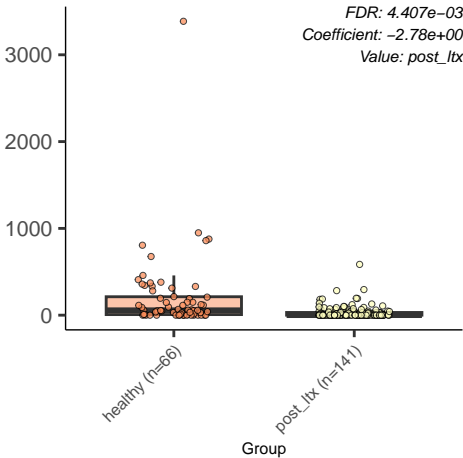
GTTCGGAATTACTGGCGCTAAAGGGTGTGTAGGCGGTTATGTAAC



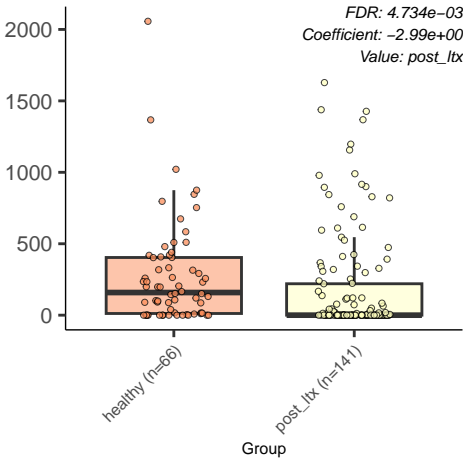
TGTCGGAATTATTGGCGGTAAAGAGTACGTAGGCGGTTTGCTA



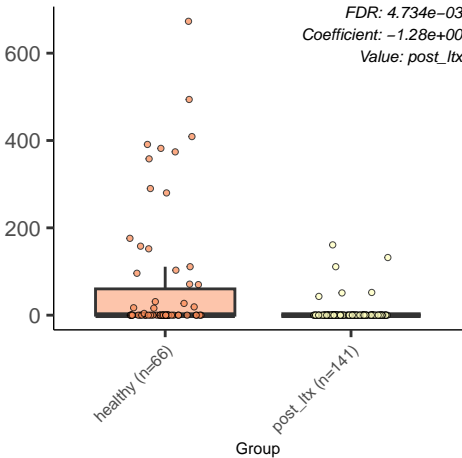
GTAAATACGTAGGTGGCGAGCGGTTATCCGGAATTATTGGGCGTAAAG



TACGGAGGATTCAAGCGTTATCCGGATTATTGGGTTTAAAGGGT

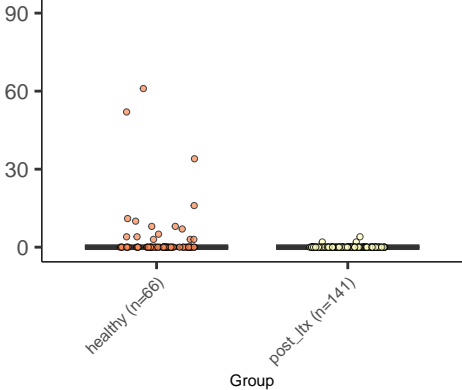
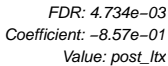


CGGAGGATCCGAGCGTTATCCGGATTATTGGGTTTAAAGGGTGC

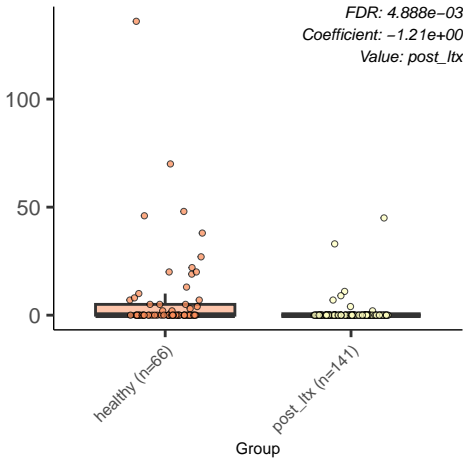




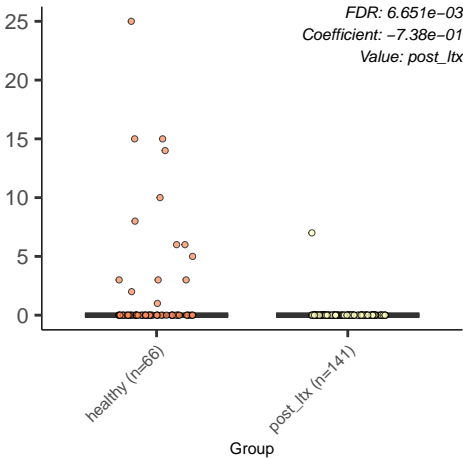
CGGAATGATTGGGCGTAAAGGGCGCGTAGCGGCGCTGGTAAGTT



TGTCCGGATTACTGGGTGTAAAGGGCGGTAGGCGGAGCTGCA



TATCCGGATTACTGGGTGTAAAGGGCGTGTAGCGGGATTGCA

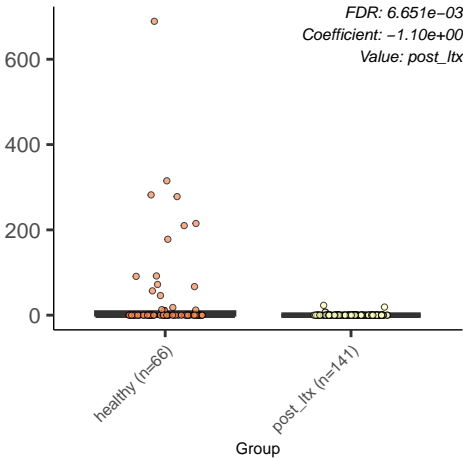


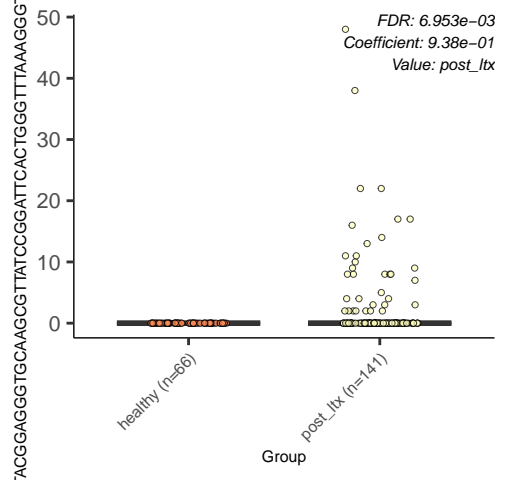
*FDR: 6.651e-03*

Coefficient:  $-7.38e-01$

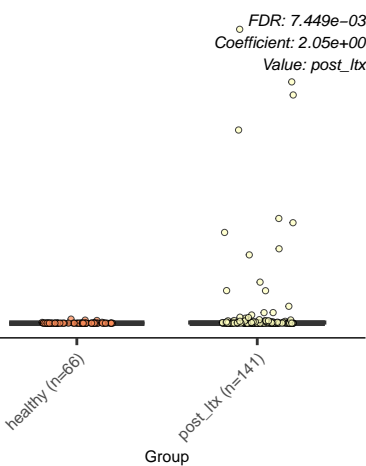
Value: *post\_ltx*

CCGGATTATTGGGTGTTAAAGGGTGCCTAGACGGGAAGGTAAGT

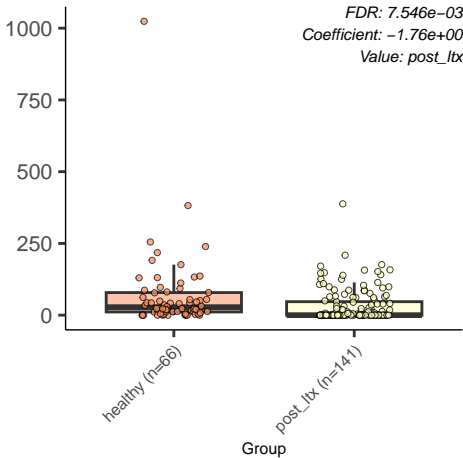




CGGATTACTGGGTGTAAAGGGAGCGTAGACGGTTAAGCAAGTC

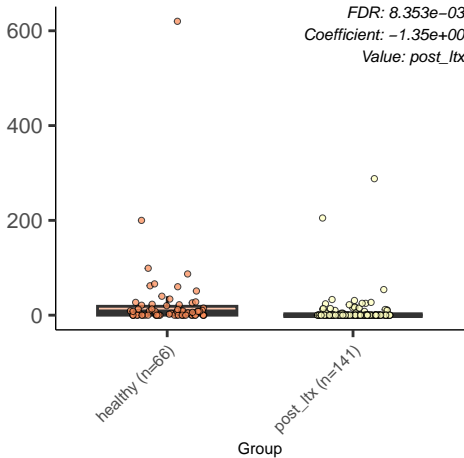


CGGATTACTGGGTGTAAAGGGAGCGGTAGACGGTAAAGCAAGTC



CCGGATTACTGGGTGTAAAGGGTGCGTAGGCGGATTGGCAAGT

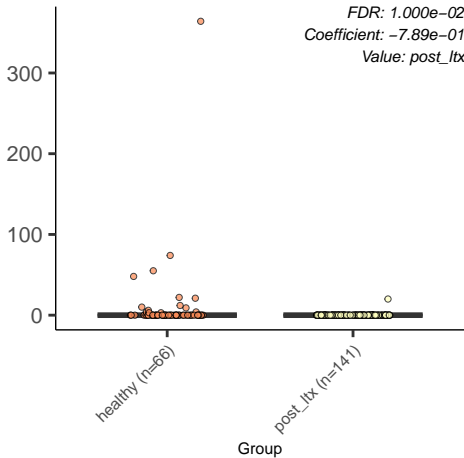
*FDR: 8.353e-03*  
*Coefficient: -1.35e+00*  
*Value: post\_ltx*





TGTCGGATTACTGGGTGTAAAGGGCGTGTAGGCGGAGCTGC

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



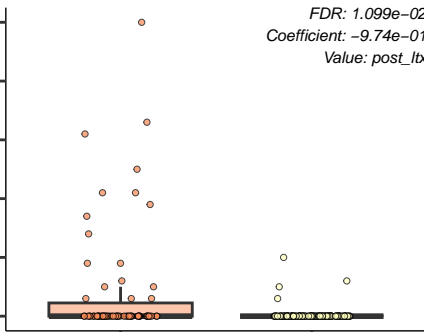
CCGGATTATTGGGCGTAAGCGCGCTAGCGGCTTGTTAAGC

*FDR: 1.099e-02*  
*Coefficient: -9.74e-01*  
*Value: post\_ltx*

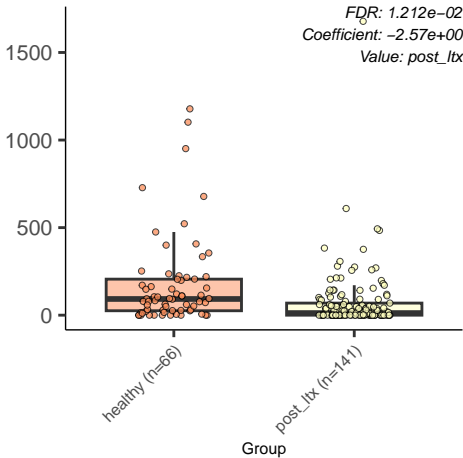
healthy (n=66)

post\_ltx (n=141)

Group

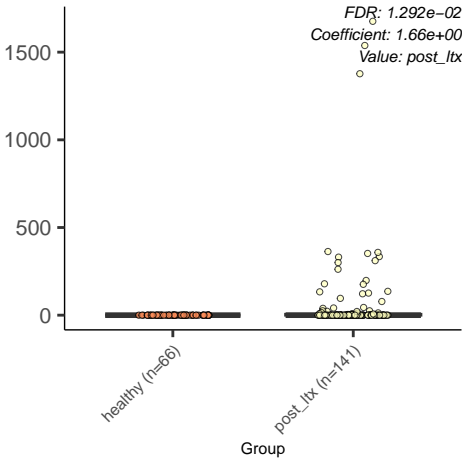


GGATTACTGGGTGTAAAGGAGCGCAGACGGCGATGCAAGTC





T:TAATACGTAGGTGGCAAGCGTTGTCCGGATTATTGGCGTAAAC



CCGGTAATACGTAGGTGGCGAGCGTTATCCGGAATTATTGGCGTA

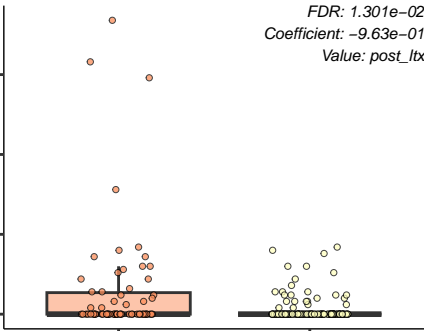
75  
50  
25  
0

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

healthy (n=66)

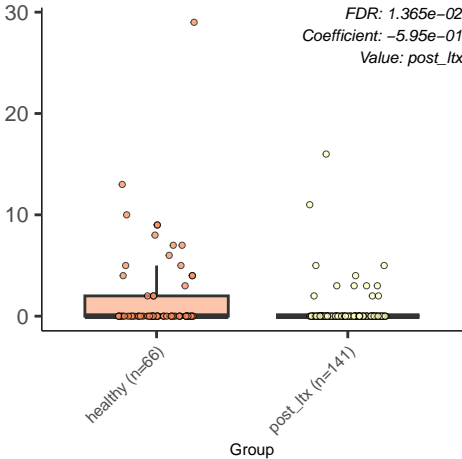
post\_ltx (n=141)

Group

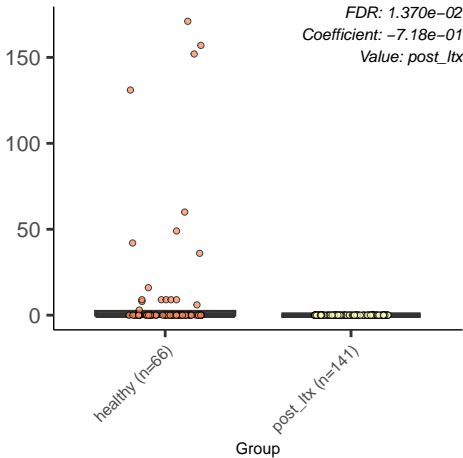


CGGAATTACTGGGTGTAAAGGGAGTGTAGCGGGATCATAAGTTCT

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

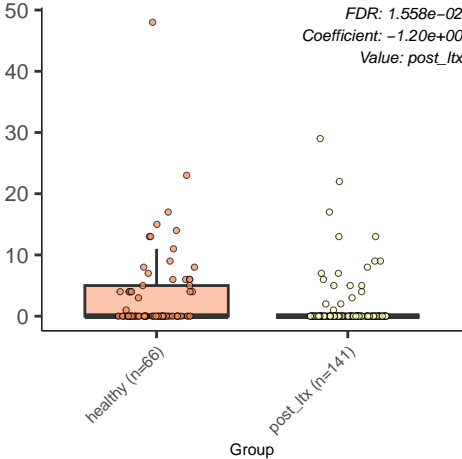


CCGGAATTACTGGGTGTAAAGGGAGCGTAGCGGGATCTTAAGT

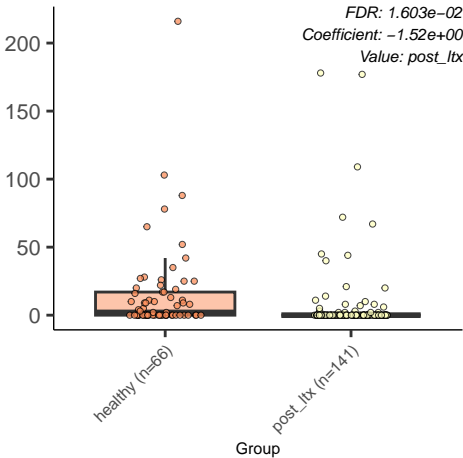




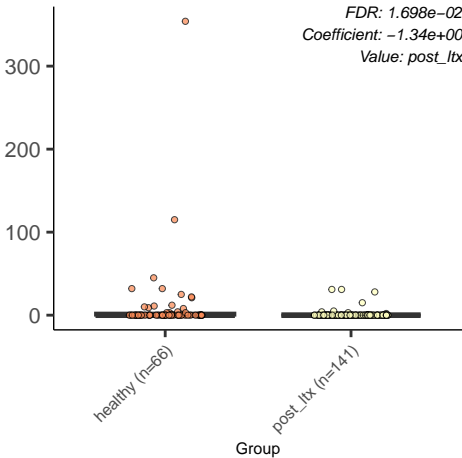
GTCCGGATTACTGGGTGTAAAGGGCGTGTAGCGGAGCAGCA



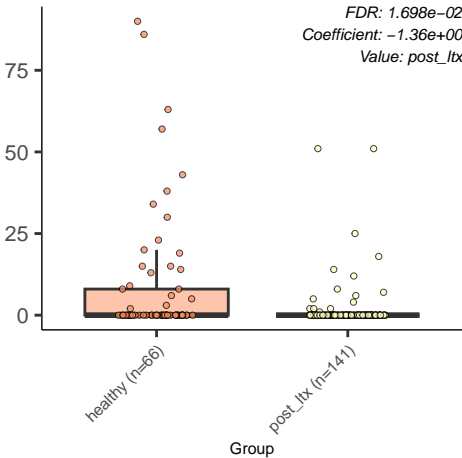
CCGGAATTACTGGGCGTAAAGGGTGGCTAGGTTCTTAAAGT



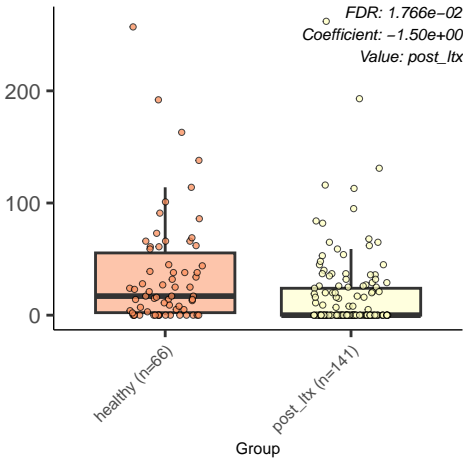
GGATTGCGCGTAAAGCGCGGTAGCGCGCGCGCTAAGCGG



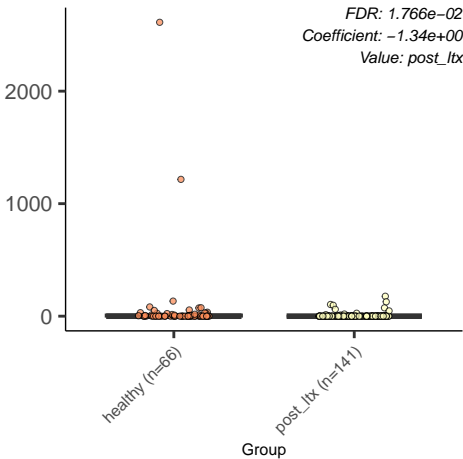
ATCCGGAATTACTGGGTGTAAAGGGTGAGTAGGCGGCATGACAA



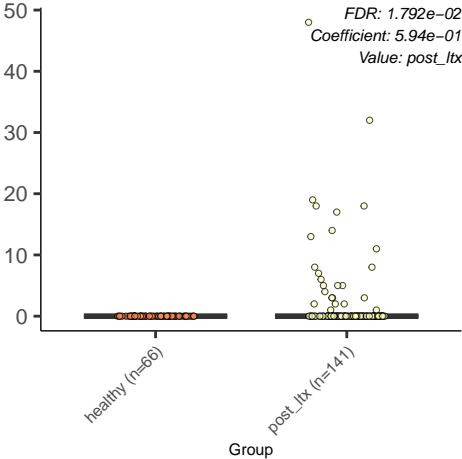
TATCCGGATTACTGGGTGTAAAGGGCGGTAGCGGGAAGCA



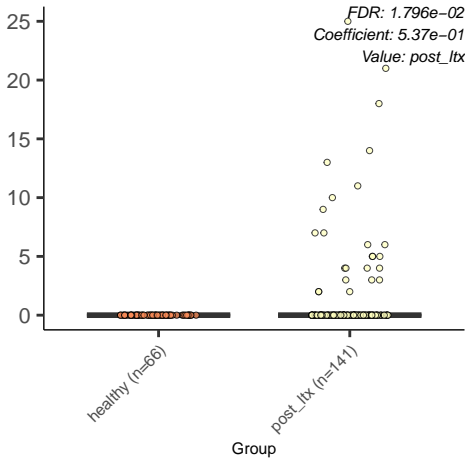
GGATTACTGGGTGTAAGGGAGCGTAGACGGCACAGCAAGTC



GTGTCGGATTATTGGCGTAAGGGCTCGTAGGTGGTTGATC



5GTAAATACGTAGGTGCGAGCGTTAATCGGAATTACTGGGCGTAA





CGGAGGATCCGAGCGTTATCCGGATTATTGGGTTTAAAGGGAGG

1000

500

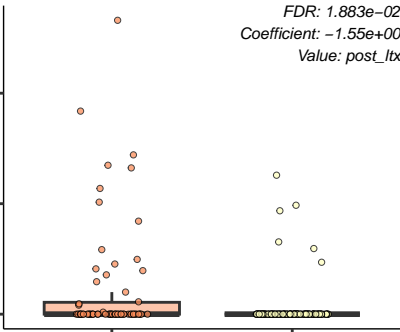
0

healthy (n=66)

post\_ltx (n=141)

Group

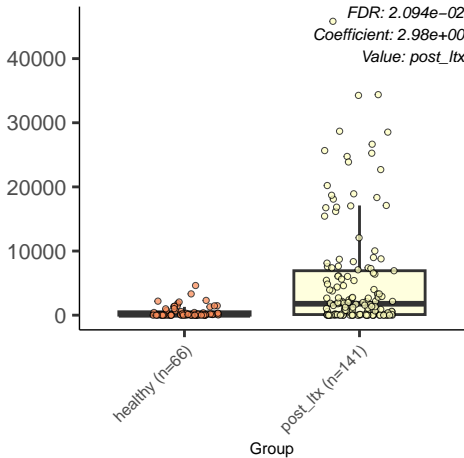
FDR: 1.883e-02  
Coefficient: -1.55e+00  
Value: post\_ltx



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

GTAATACGGAGGGTGCAAGCGTTAATCGGAATTACTGGGCGTAA

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

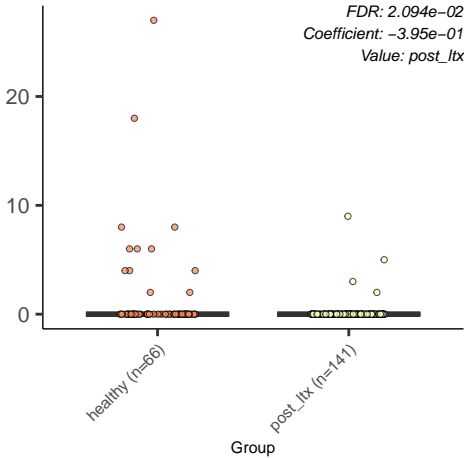


TGTCCGGAATTACTGGGTGTAAGGGAGCGCAGCGGAACCTGC

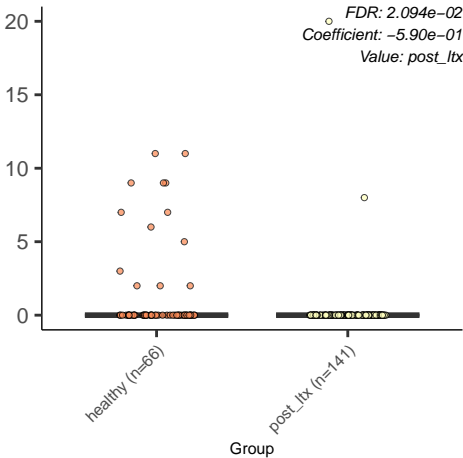
*FDR: 2.094e-02*

*Coefficient: -3.95e-01*

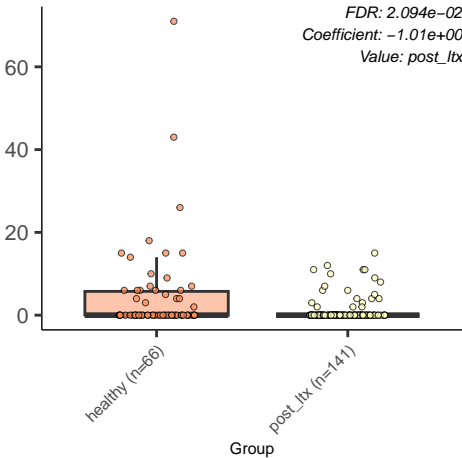
Value: *post\_ltx*



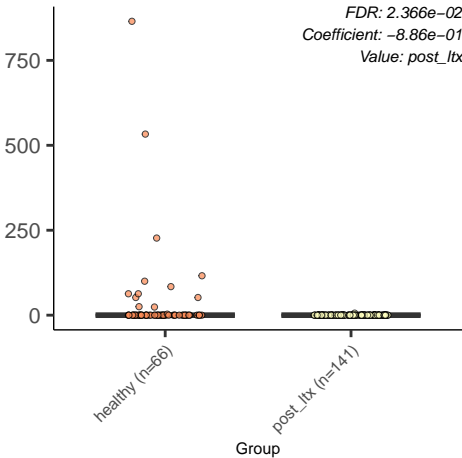
TATCCGGATTACTGGGTGTAAAGGGCGGTAGGCGGGAGTGT



TCCGGAATTACTGGGTGTTAAAGGGAGCGCTAGCGGGACAGCAAA

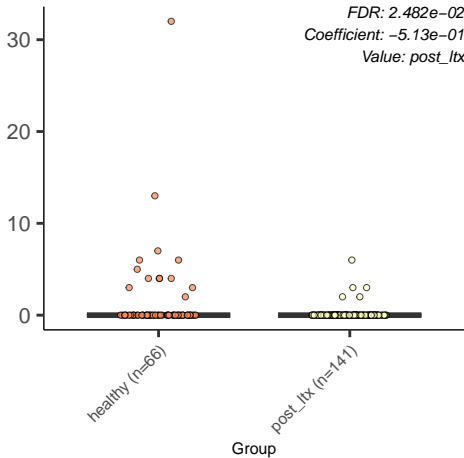


CGGAGGATCCGAGCGTTATCCGGATTATTGGGTTTAAAGGGAGG



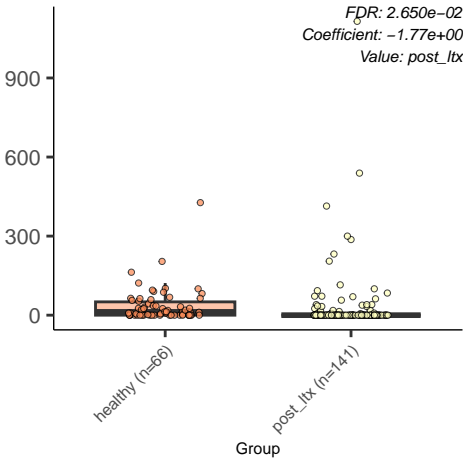
CCGGAATTACTGGGTGTAAAGGGAGCGTAGCGGGGATGGCAAG

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

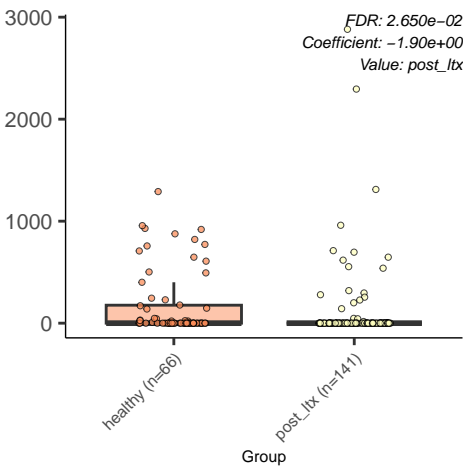




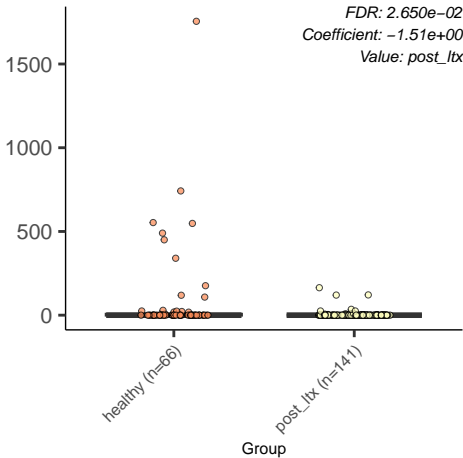
GTCCGGATTACTGGGTGTAAAGGGCGTGCAGCCGGGAATGCA



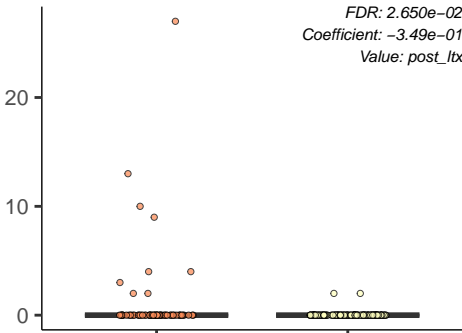
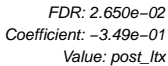
GGTAATACGTAGGTGGCGAGCGTTGTCCGGAATTATTGGCGTAA



GTAATACGTAGGGTGCAGCGTTAATCGGAATTACTGGGCGTAA



TTGTCCGGAATTATTGGCGTAAGGGCGCGTAGACGGCTGTG

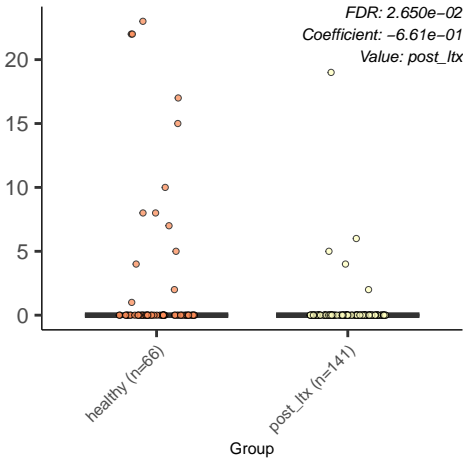


healthy (n=66)

post\_ltx (n=141)

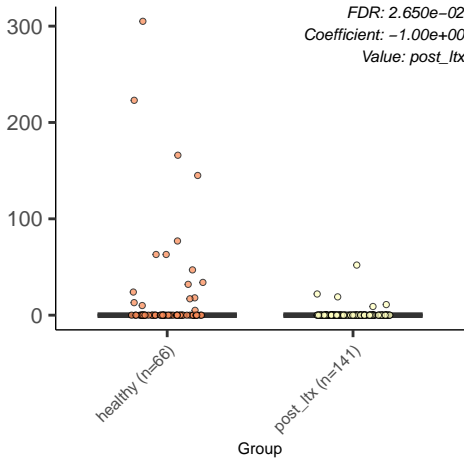
Group

GTCCGGATTACTGGGTGTAAAGGGCGTGCAGCCGGGCATGCA

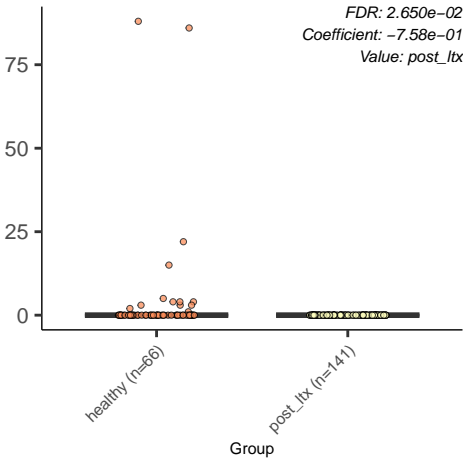


ACGGAGGATGCGAGCGGTTATCCGGATTATTGGGTTTAAAGGGTC

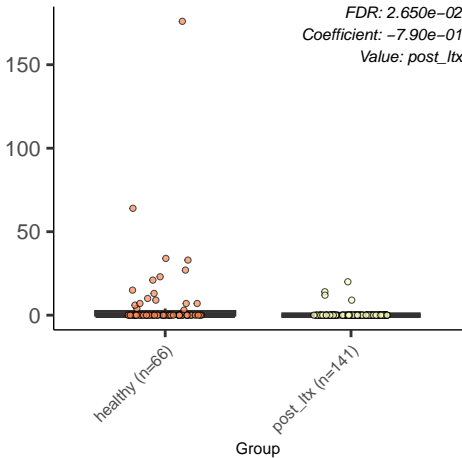
FDR: 2.650e-02  
Coefficient: -1.00e+00  
Value: post\_ltx



TATCCGGATTACTGGGTGTTAAAGGGCGGTAGGCGGGATTGCA



GGTAATACGTAGGGGGCGAGCGGTTGTCCGGAATCACTGGGCGTA

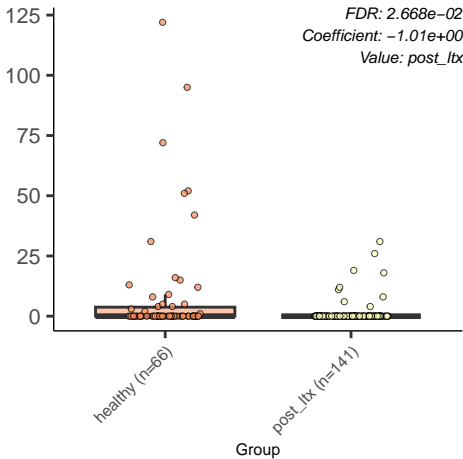




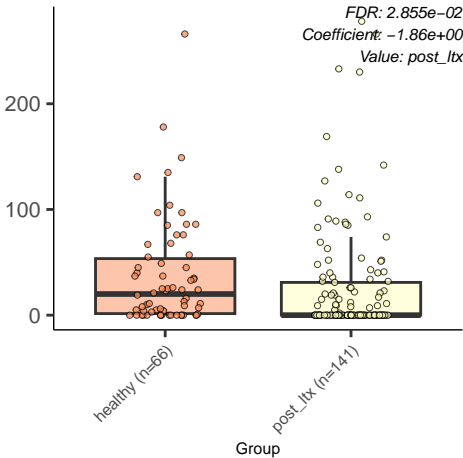
Group

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

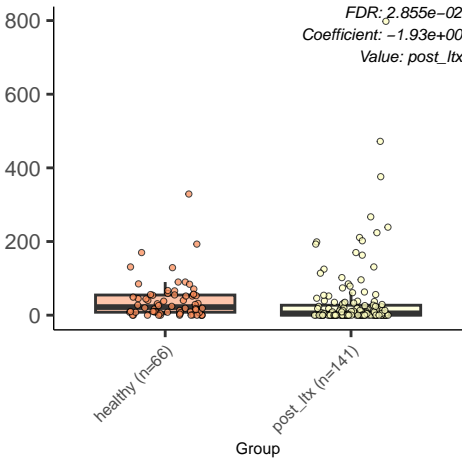
GGATTACTGGGTGTAAGGGTGCGTAGGTGGCAAGGCAAGTC



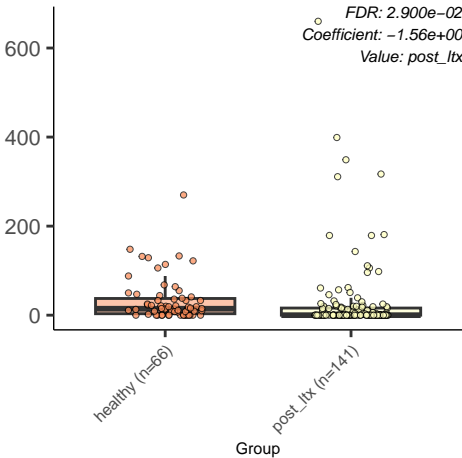
CGGATTACTGGGTGTAAAGGGAGCGTAGACGGTCAAGCAAGTCT



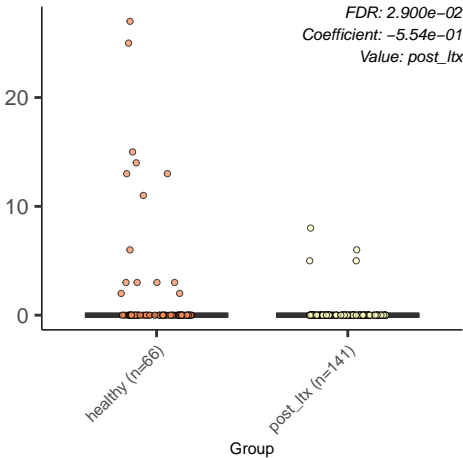
GTCCGGATTACTGGGTGTAAAGGGCGGTGCAGCCGGGCCGGCA



CGGATTACTGGGTGTAAAGGGAGCGTAGGCGGTCTGACAAAGT

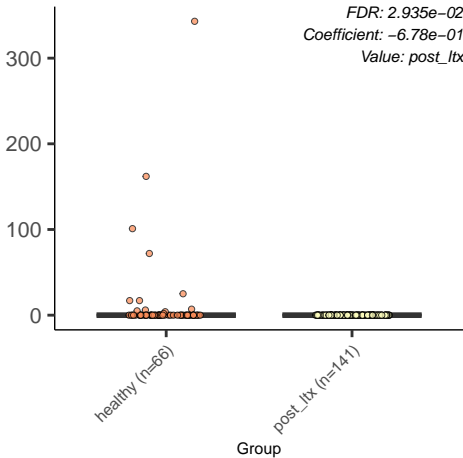


ATCCGGATTACTGGGTGTAAAGGGCGAGTAGGCGGGATTGCAA

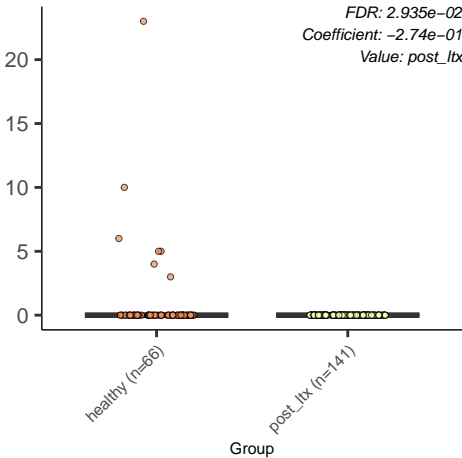
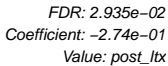


TTCCGGAATTACTGGGCGGTAAAGGGTGTGTAGGCGGTTAAGTAAG

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

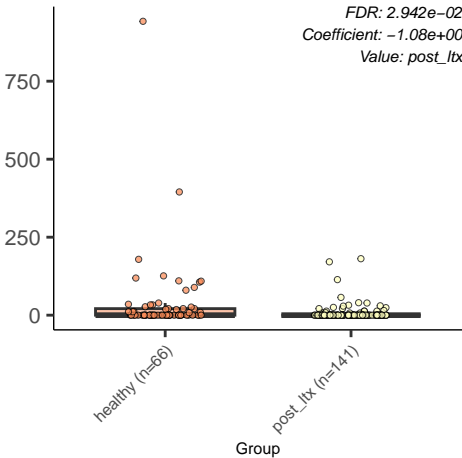


TCCGGAATTACTGGGTGTAAGGGAGCGTAGGCGGGGAGGCAA

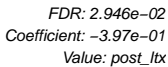




TTACGGAGGATCCAAGCGTTATCCGGATTATTGGGTTTAAAGGG

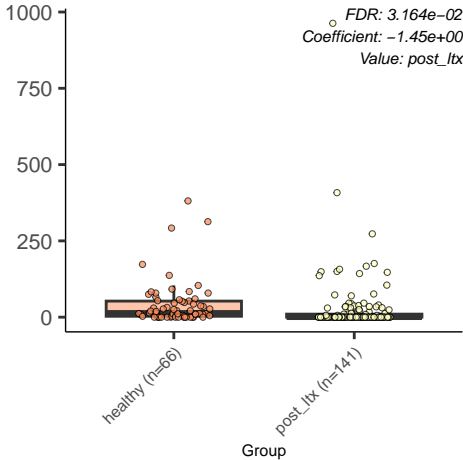


CGGATTACTGGGTGTAAGGGCGCGCAGCGGGCGGCAAGT

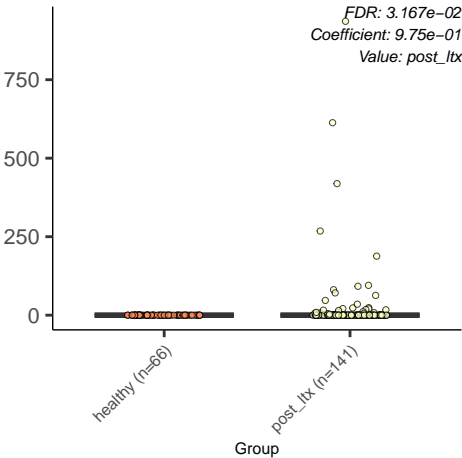


Group

CGGATTACTGGGTAAAGGGAGCGTAGACGGATTAGCAAGTCT

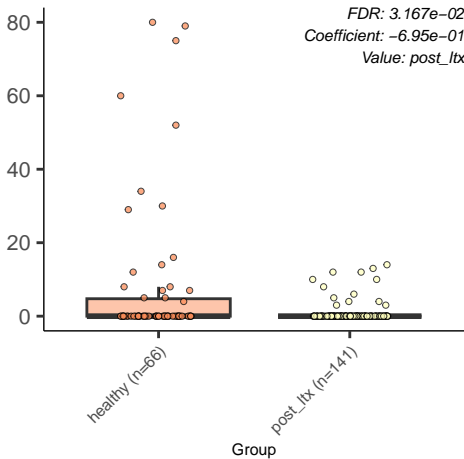


STAATACGTAGGTGGAAGCGTTGTCCGGATTATTGGCGTAAAC

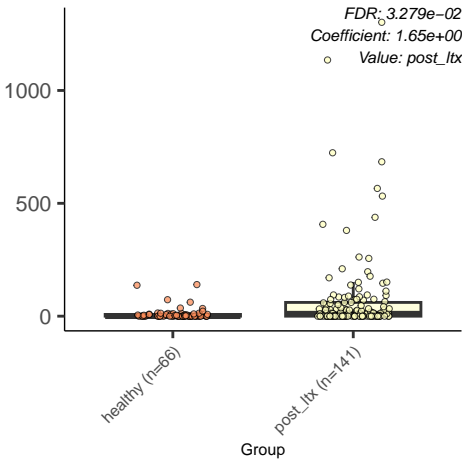


CCGGATTACTGGGTAAAGGGCGGTAGGCGGGACTGCAAG

*FDR: 3.167e-02*  
*Coefficient: -6.95e-01*  
*Value: post\_ltx*

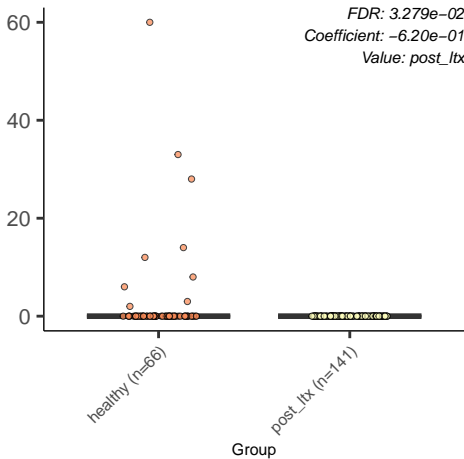


CCGGATTACTGGGTGTAAAGGAGCGCAGGCGGTACGGCAAGT

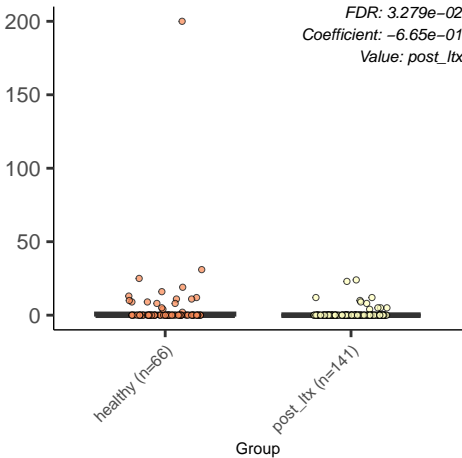


GGTAATACGTAGGGGCGGAGCGTTGTCCGGAATCACTGGGCGTA

*FDR: 3.279e-02*  
*Coefficient: -6.20e-01*  
*Value: post\_ltx*



GGATTGCGGCGTAAAGCGCGCGTAGGCGGCGCGCCTAAGCG

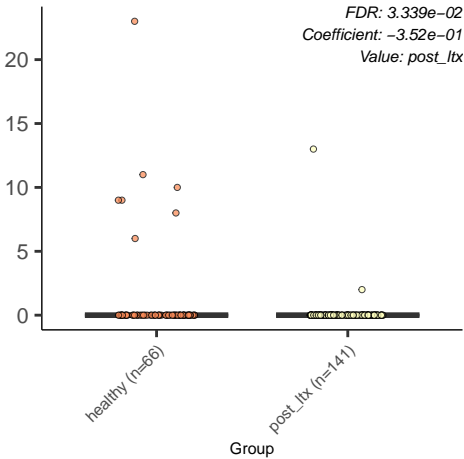




Group

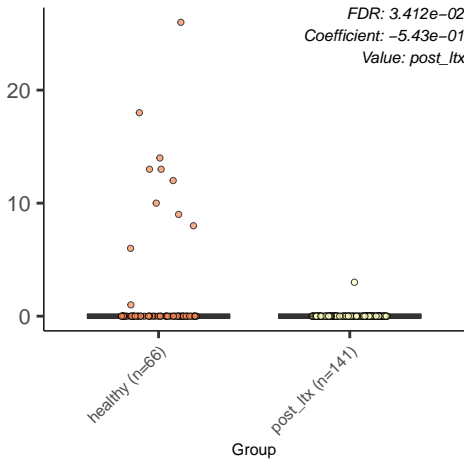
FDR: 3.339e-02  
Coefficient: -1.56e+00  
Value: post\_ltx

GTCCGGATTACTGGGTGTAAGGGCGGTAGCCGGGGAGACA

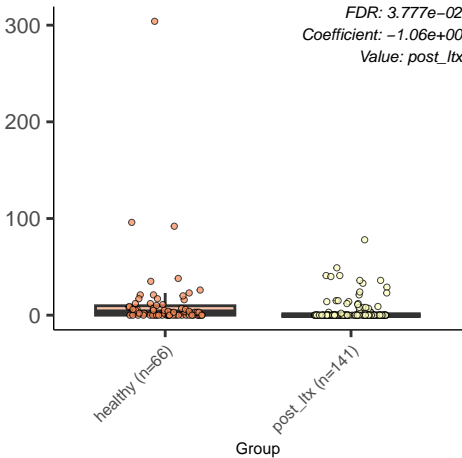


GTCCGGAATTACTGGGTGTAAAGGGAGCGTAGGCGGGAAGCA

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



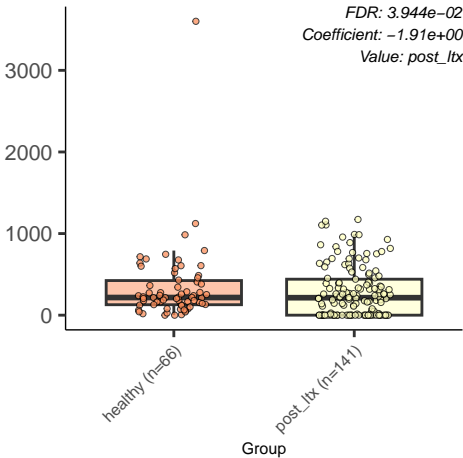
GGATTACTGGGTGTAAGGGAGCGTAGGGCGCATGGCAAGTCA



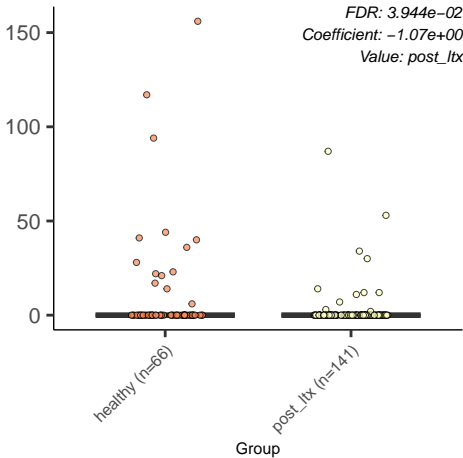
Group

FDR: 3.782e-02  
Coefficient: -1.16e+00  
Value: post\_ltx

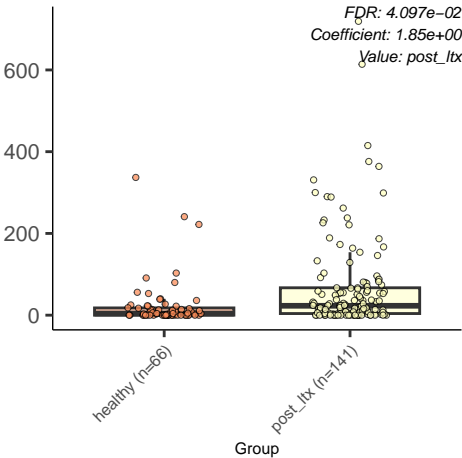
GGATTACTGGGTAAAGGGAGCGTAGACGGCAGCGCAAGCCA



TATCCGGATTACTGGGTGTAAAGGGCGGTAGCGGGATTGCA

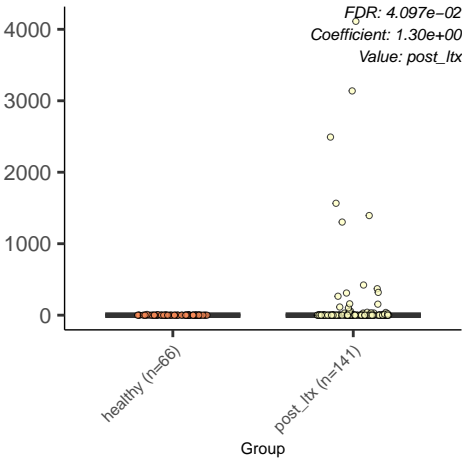


CGGTAATACGTAGGTCCCGAGCGTTGTCCGGATTATTGGGCGT





CGGATTACTGGGTGTAAAGGGAGCGTAGACGGAAGAGCAAGTC



CGGATTACTGGGTGTAAAGGGAGCGGTAGACGGTTTTTGCAAGTC

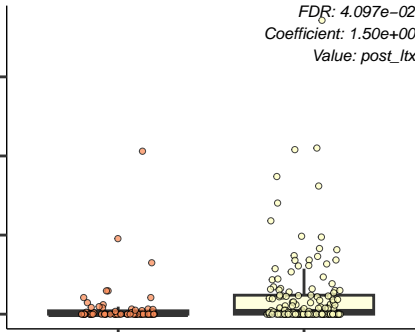
FDR:  $4.097e-02$   
Coefficient:  $1.50e+00$   
Value: *post\_ltx*

600  
400  
200  
0

healthy (n=66)

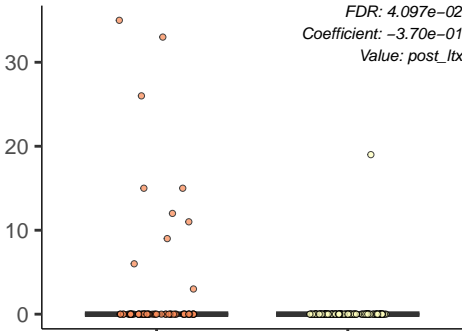
post\_ltx (n=141)

Group



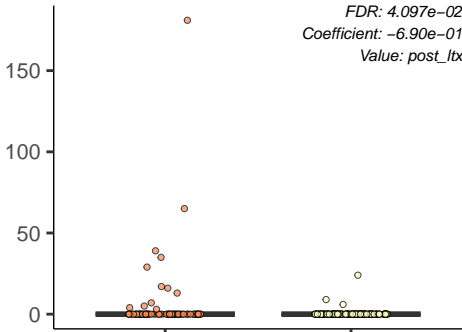
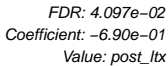
Group

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



healthy (n=66)

post\_ltx (n=141)



TCCGGATTACTGGGTGTAAAGGGTGCGTAGGCGGGCCCGCAAA

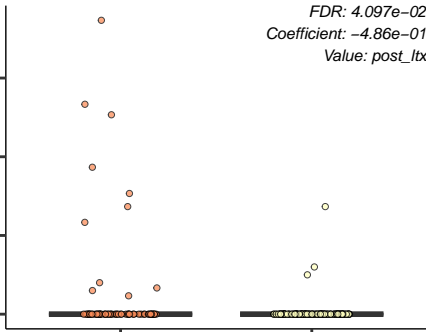
FDR:  $4.097e-02$   
Coefficient:  $-4.86e-01$   
Value: *post\_ltx*

90  
60  
30  
0

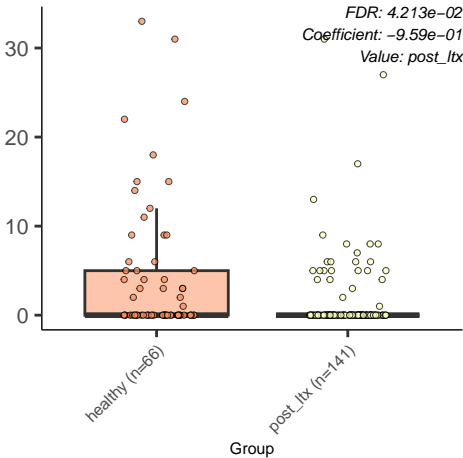
healthy (n=66)

post\_ltx (n=141)

Group

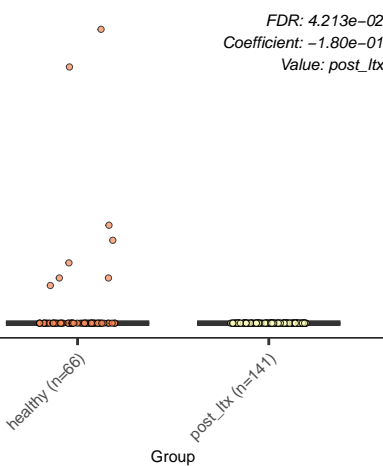


CGGATTACTGGGTGTAAGGGAGCGTAGACGGCGAGGCAAGT

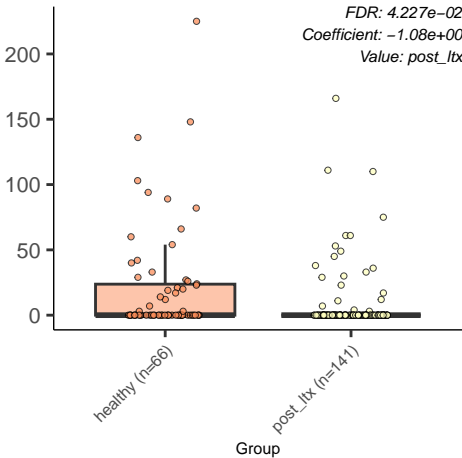


GGTAATACGTAGGGGGCGAGCGTTGTCCGGAATCACTGGGCGT

*FDR: 4.213e-02*  
*Coefficient: -1.80e-01*  
*Value: post\_ltx*

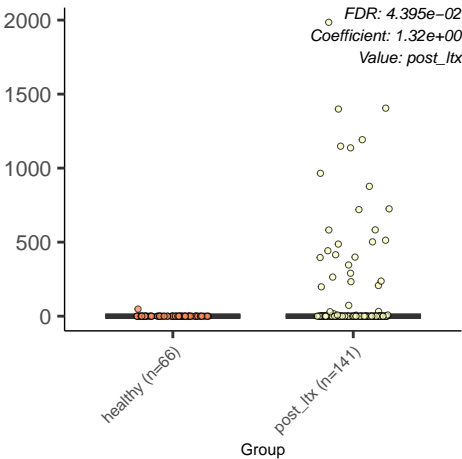


TCCGGATTATTGGGTGTAAAGGGTGCGTAGACGGGAAGTCAAG

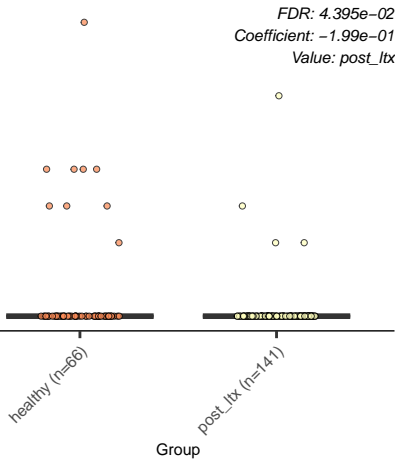




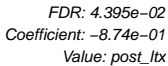
CCGGATTACTGGGCGTAAAGGGAGCGTAGGCGGATGATTAAAGTC



GGATTACTGGGTGTAAAGGGAGCGCAGGTGGCAAGGCAAGCC

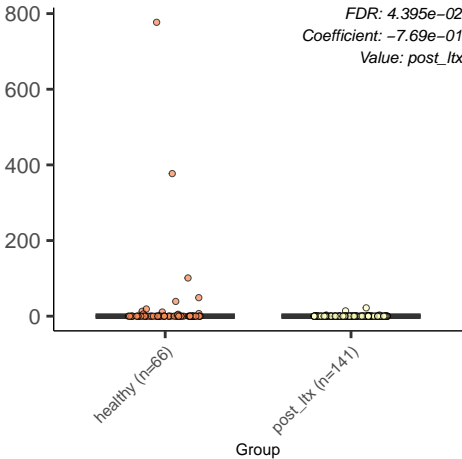


TACGGAGGATGCGAGCGTTATCCGGATTATTGGTTTAAAGGGT

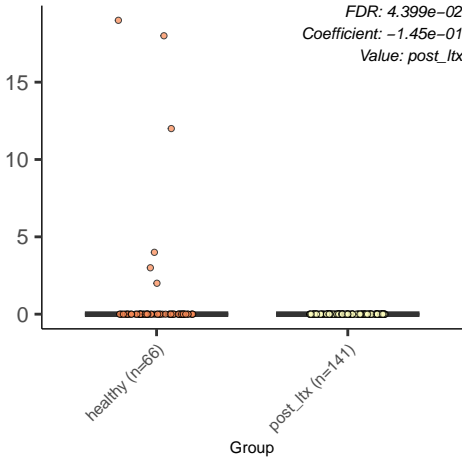
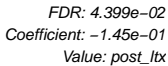


Group

GTAATACATAGGGGCAAGCGTTATCCGGAATTATTGGCGTAAAC



CGGATTACTGGGTGTAAGGGAGTGTAGCGGCATGGCAAGTCT

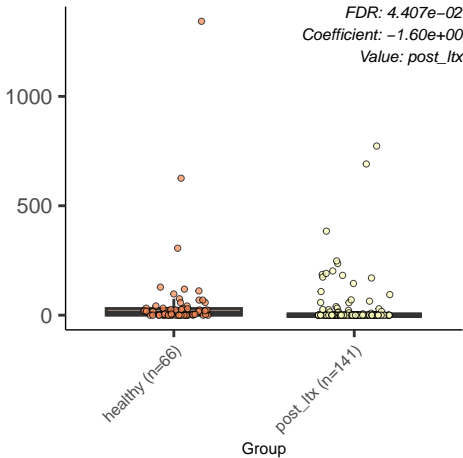


healthy (n=66)

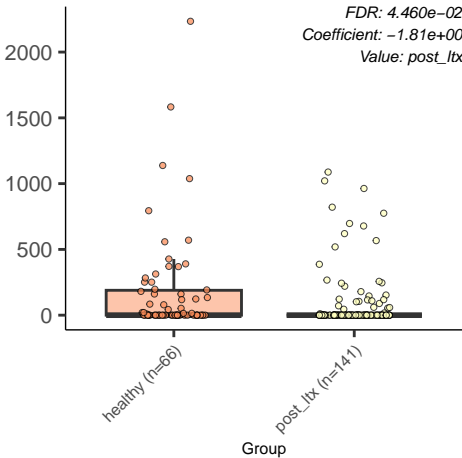
post\_ltx (n=141)

Group

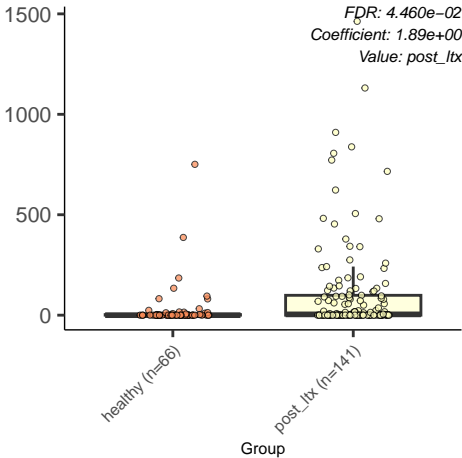
TGTCCGGATTACTGGGTGTAAAGGGCGGTAGGCGGAGAAGCA



CGGAGGATCCGAGCGGTTATCCGGATTATTGGGTTAAAGGGAG

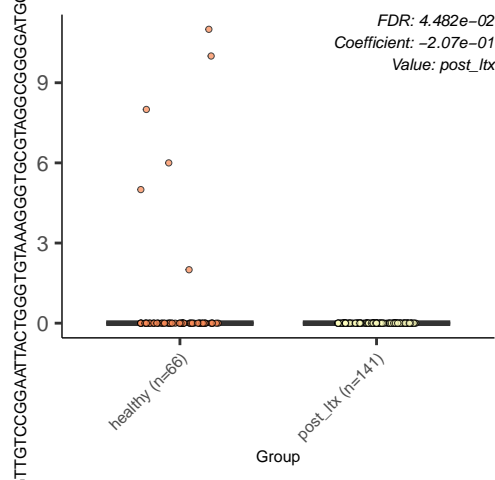


CGGATTACTGGGTGTAAAGGGAGCGGTAGACGGTAAAGCAAGT

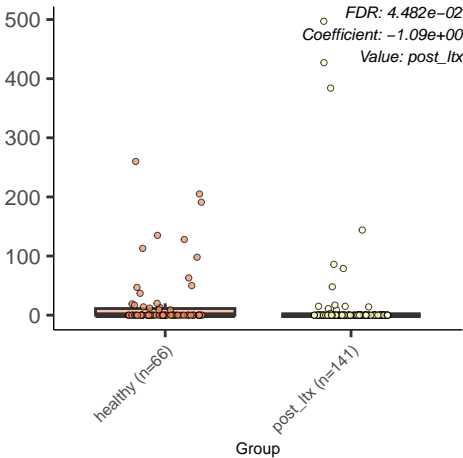




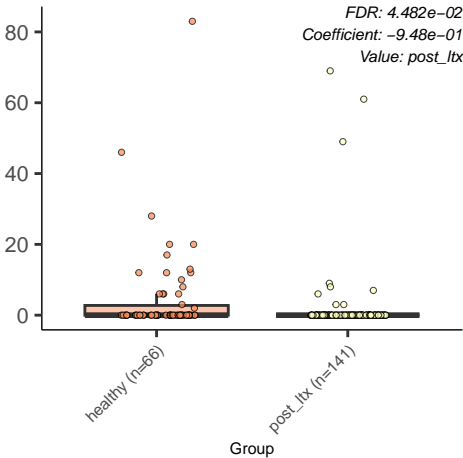
Value: *post\_ltx*



TGTCCGGAATTACTGGGTGTAAAGGGAGCGTAGCGGGGAGGCG

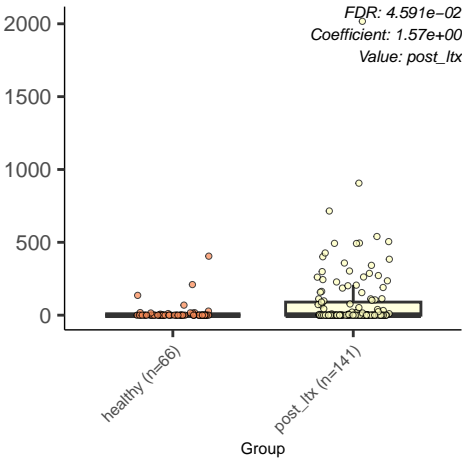


CGGATTACTGGGTGTAAGGGAGCGGTAGACGGTATGGCAAGTC

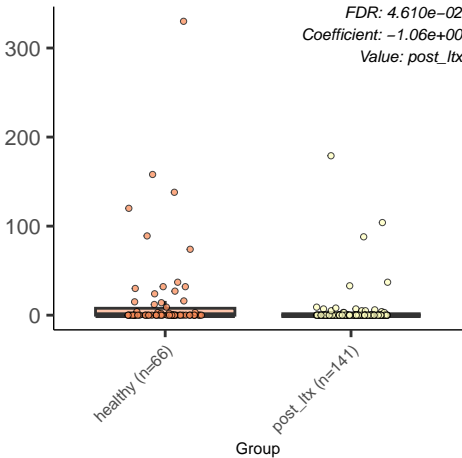




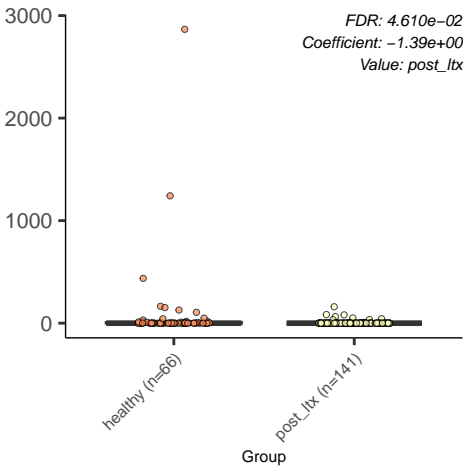
CGGTAATACGTAGGTGGCAAGCGTTGTCCGGAATTATTGGGCGTA



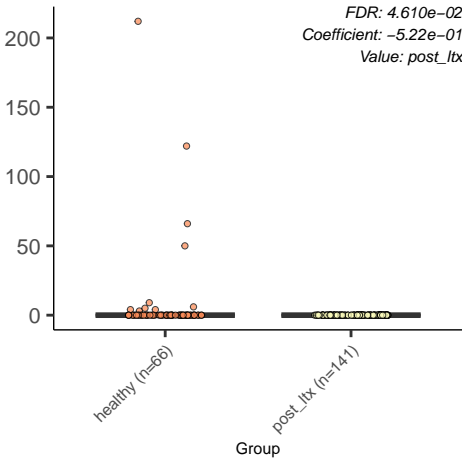
CCGGAATTACTGGGTGTAAAGGGAGGTAGGCGGGAAGGCAAG



GTCCGGAATAATTGGGCGTAAGGGCGCGTAGGCGGCTCGGTA

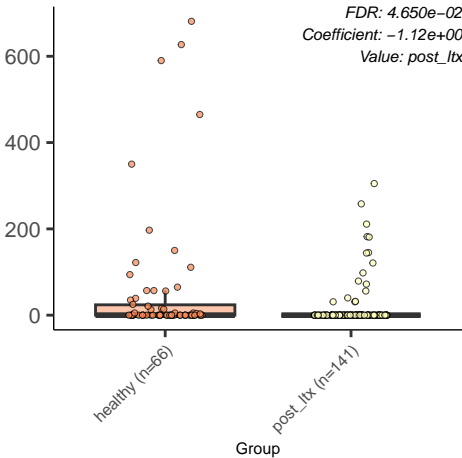


CGGATTACTGGGTGTAAGGGTGGTAGGTGGCAAGGCAAGT

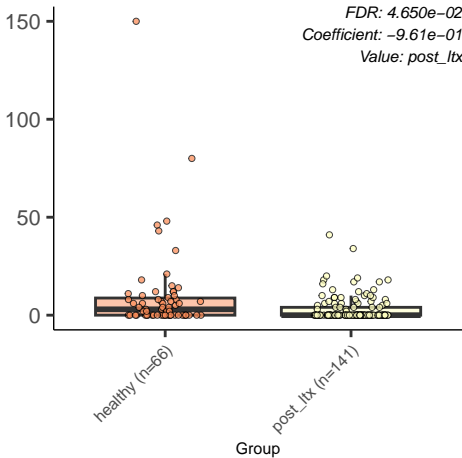




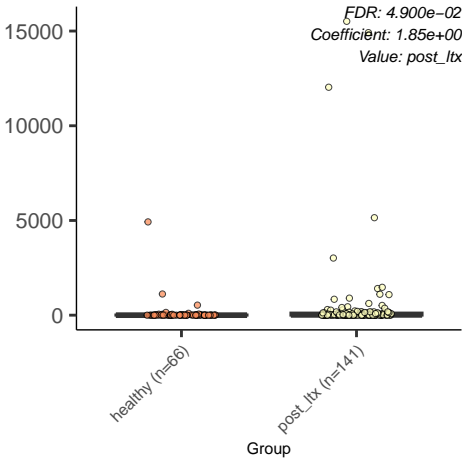
GTCCGGAATGATTGGGCGTAAGGGCGGTAGGCGGCCTGCCTA



GGATTACTGGGTGTAAGGAGCGTAGGCGGTCTGGCAAGCC



CGGATTACTGGGTGTAAAGGGAGCGGTAGACGGCGAAGCAAGTC



post\_ltx (n=141)

Group

*FDR: 4.900e-02*

Coefficient:  $-2.38e-01$

Value: post\_ltx

