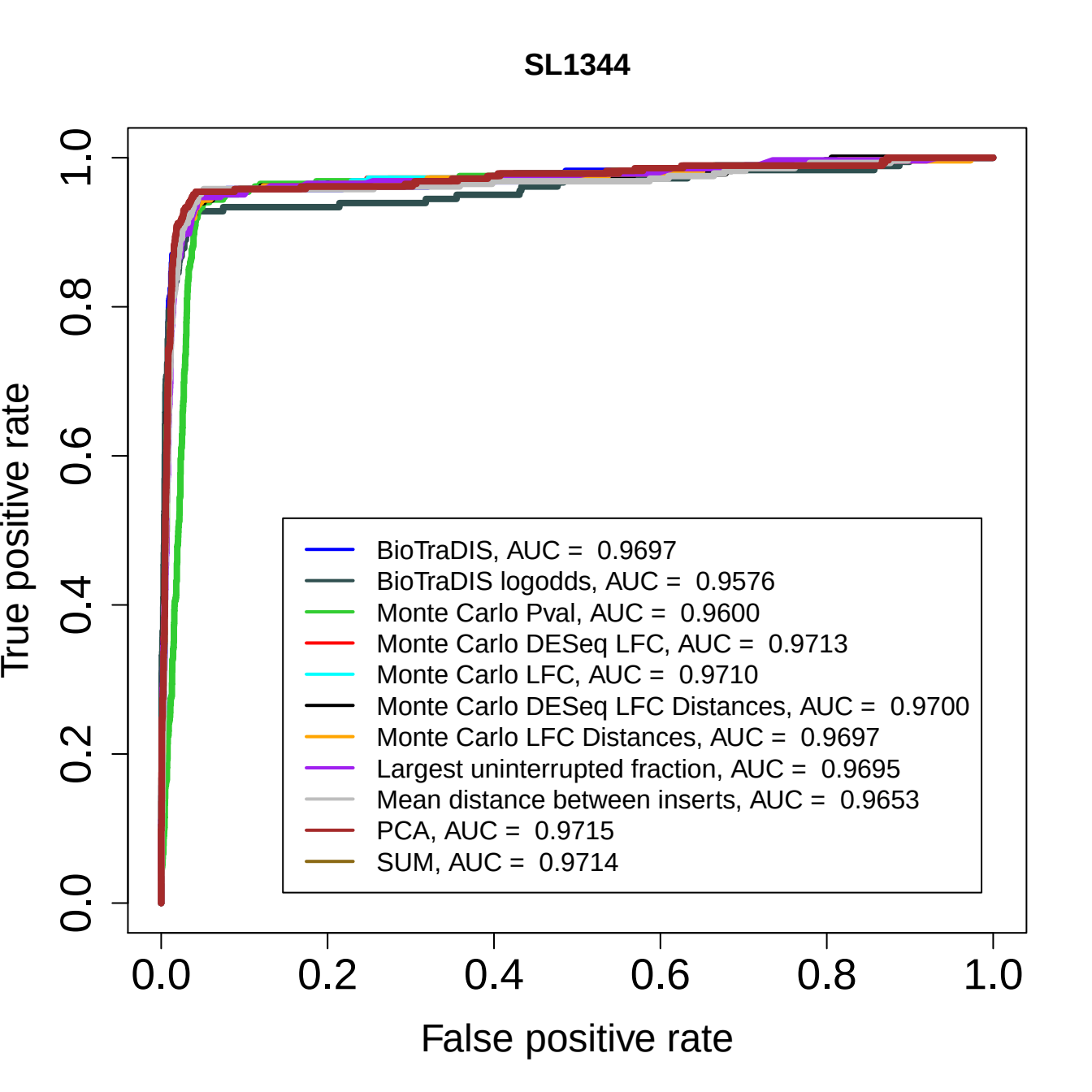
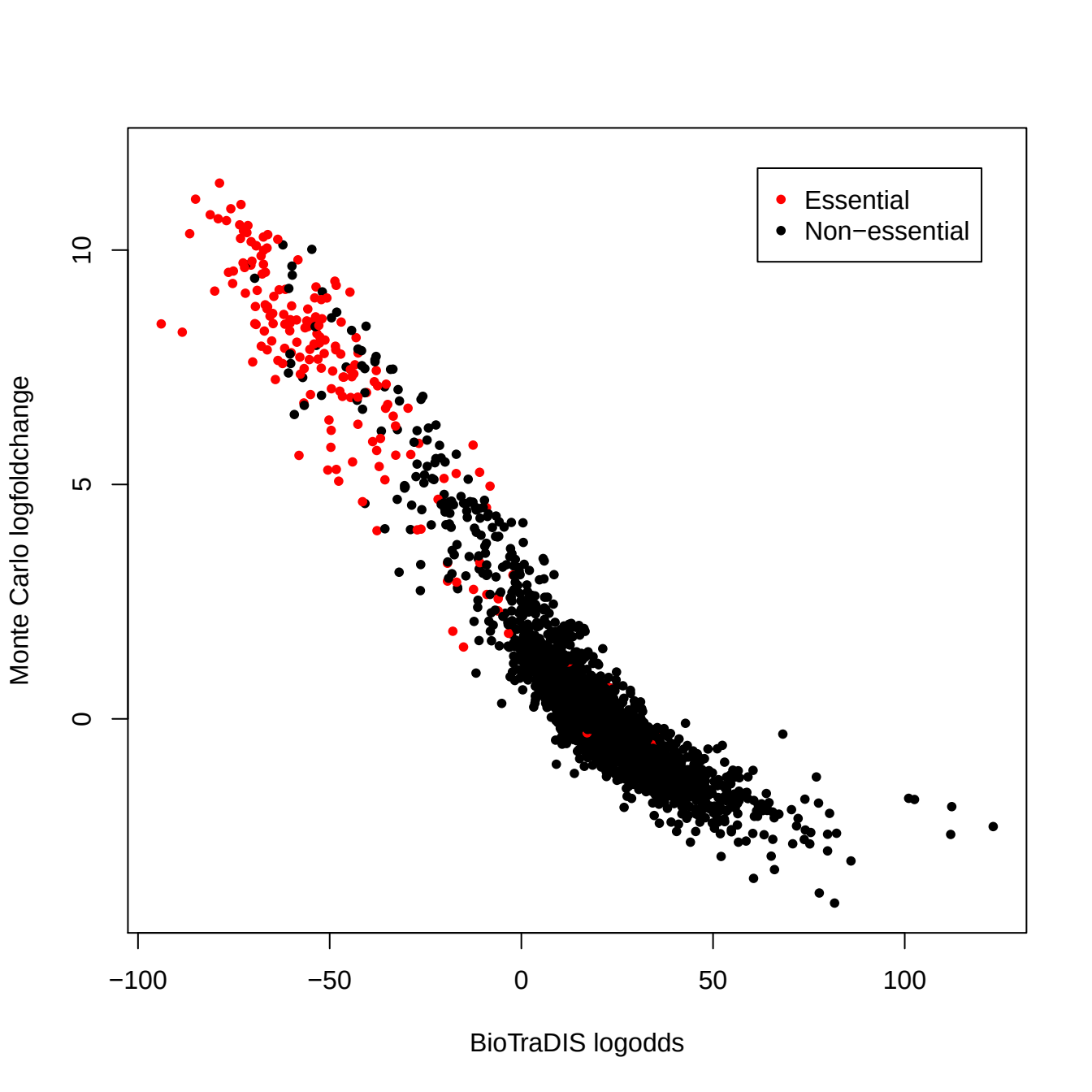
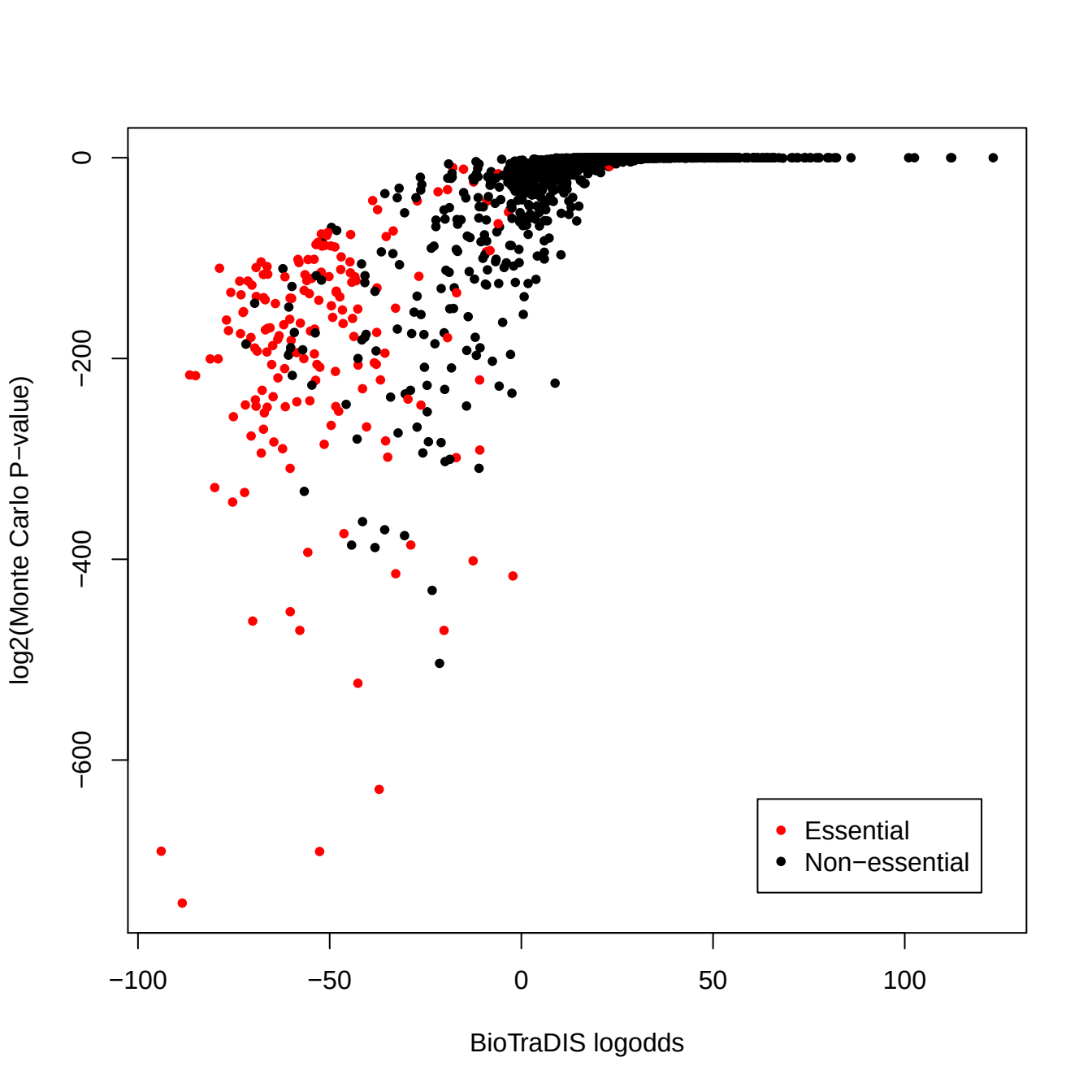
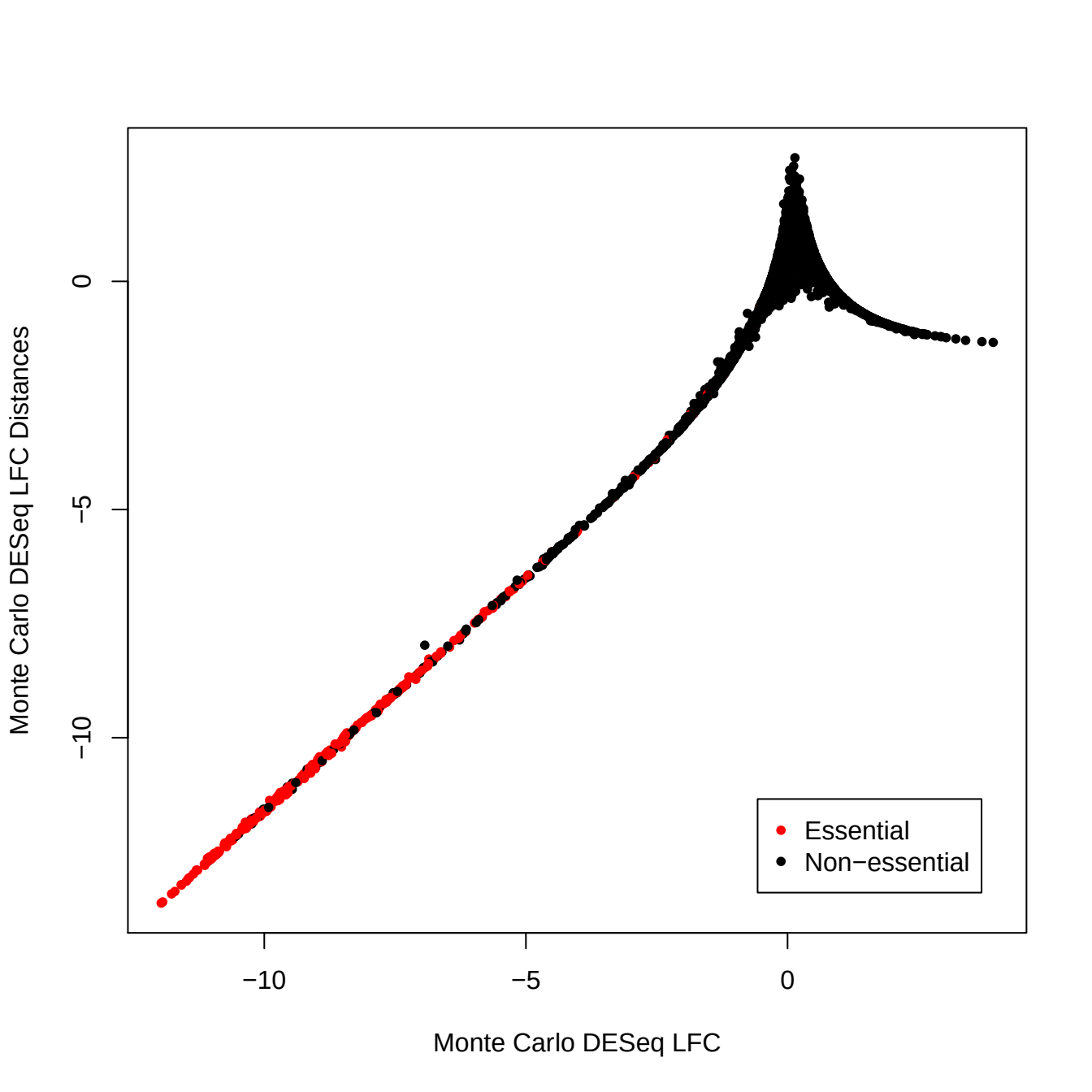
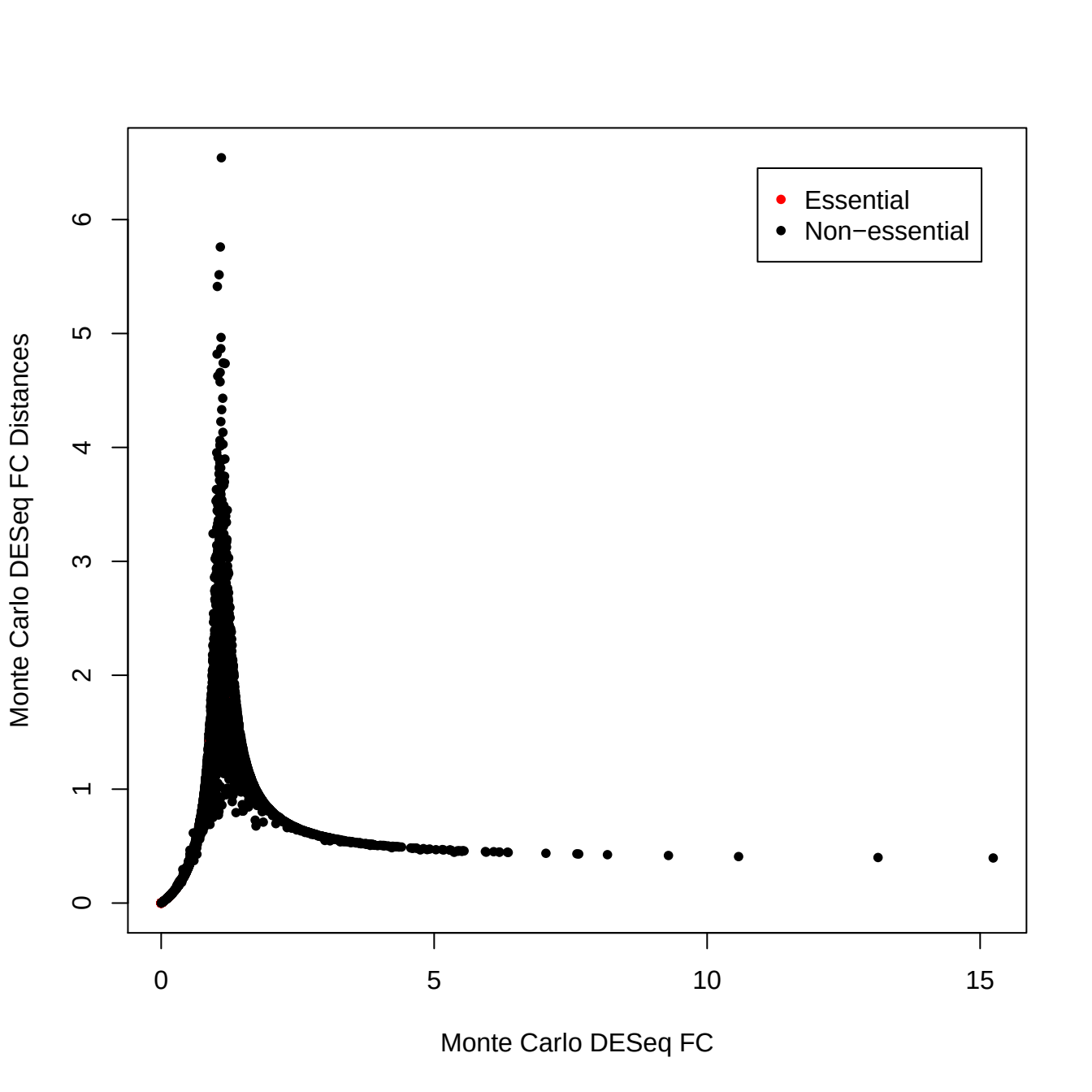
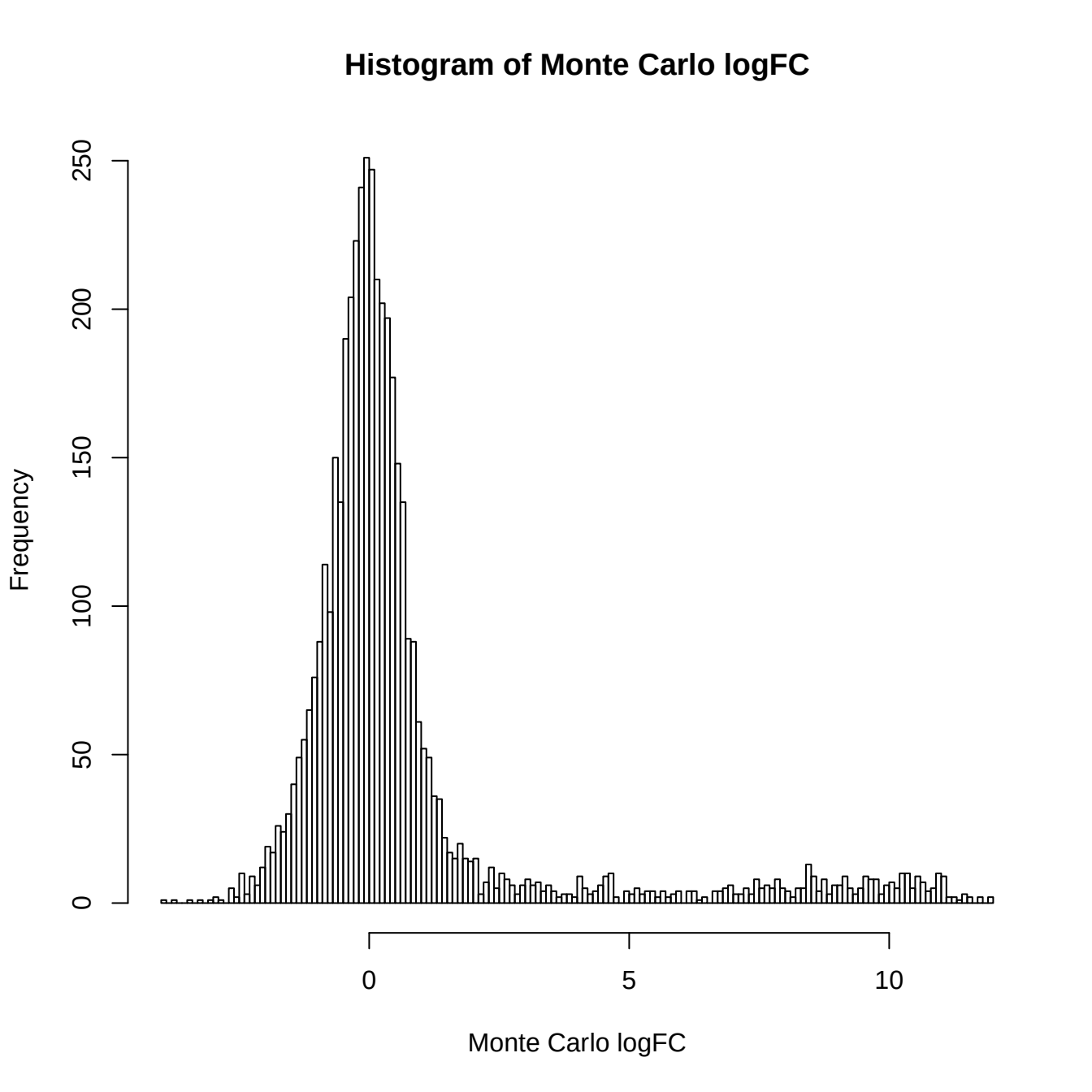

SL1344
True positive rate
False positive rate
0.0
0.2
0.4
0.6
0.8
1.0
BioTraDIS, AUC = 0.9697
BioTraDIS logodds, AUC = 0.9576
Monte Carlo Pval, AUC = 0.9600
Monte Carlo DESeq LFC, AUC = 0.9713
Monte Carlo LFC, AUC = 0.9710
Monte Carlo DESeq LFC Distances, AUC = 0.9700
Monte Carlo LFC Distances, AUC = 0.9697
Largest uninterrupted fraction, AUC = 0.9695
Mean distance between inserts, AUC = 0.9653
PCA, AUC = 0.9715
SUM, AUC = 0.9714

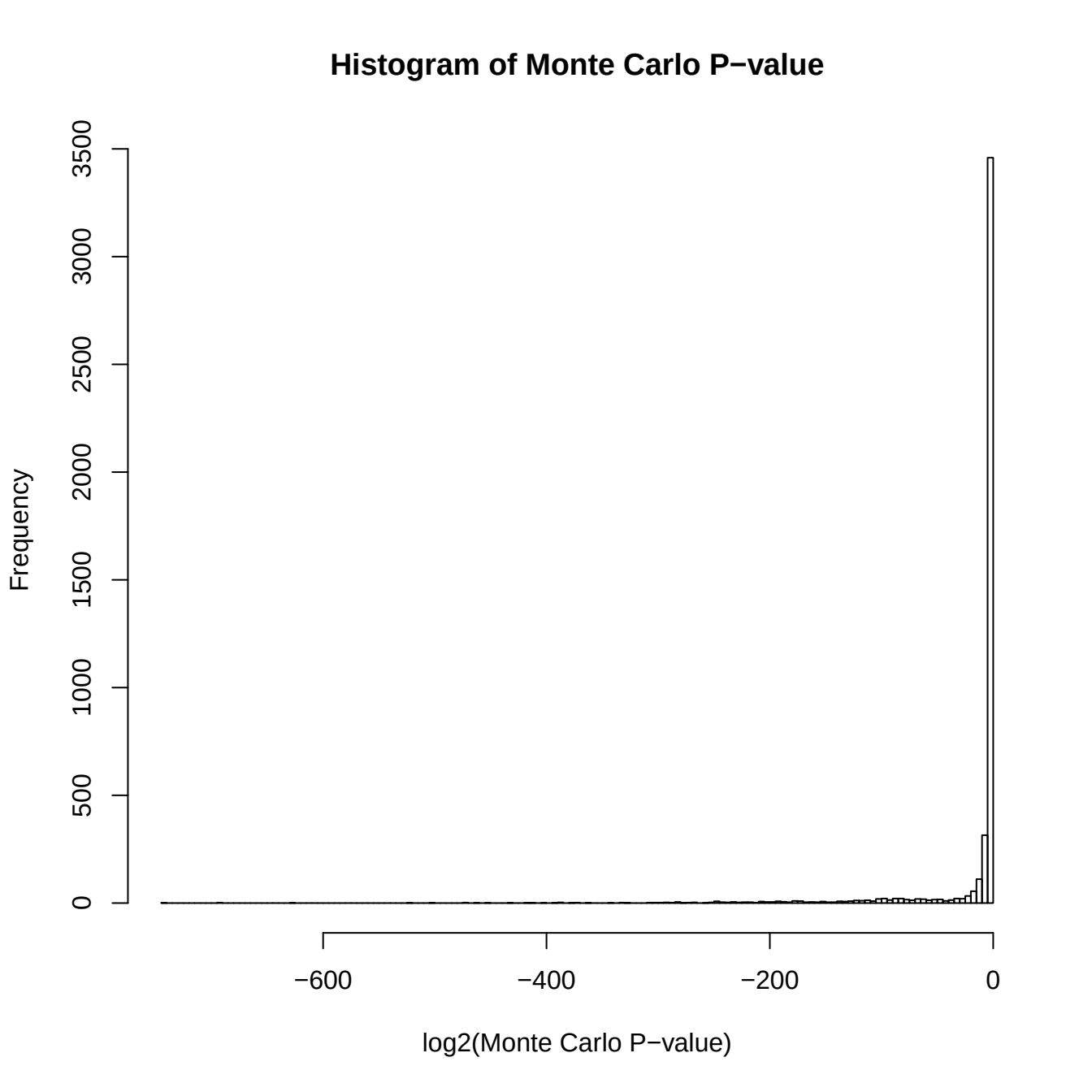

Essential
Non−essential
Monte Carlo logfoldchange
BioTraDIS logodds
10
5
0
−100
−50
0
50
100

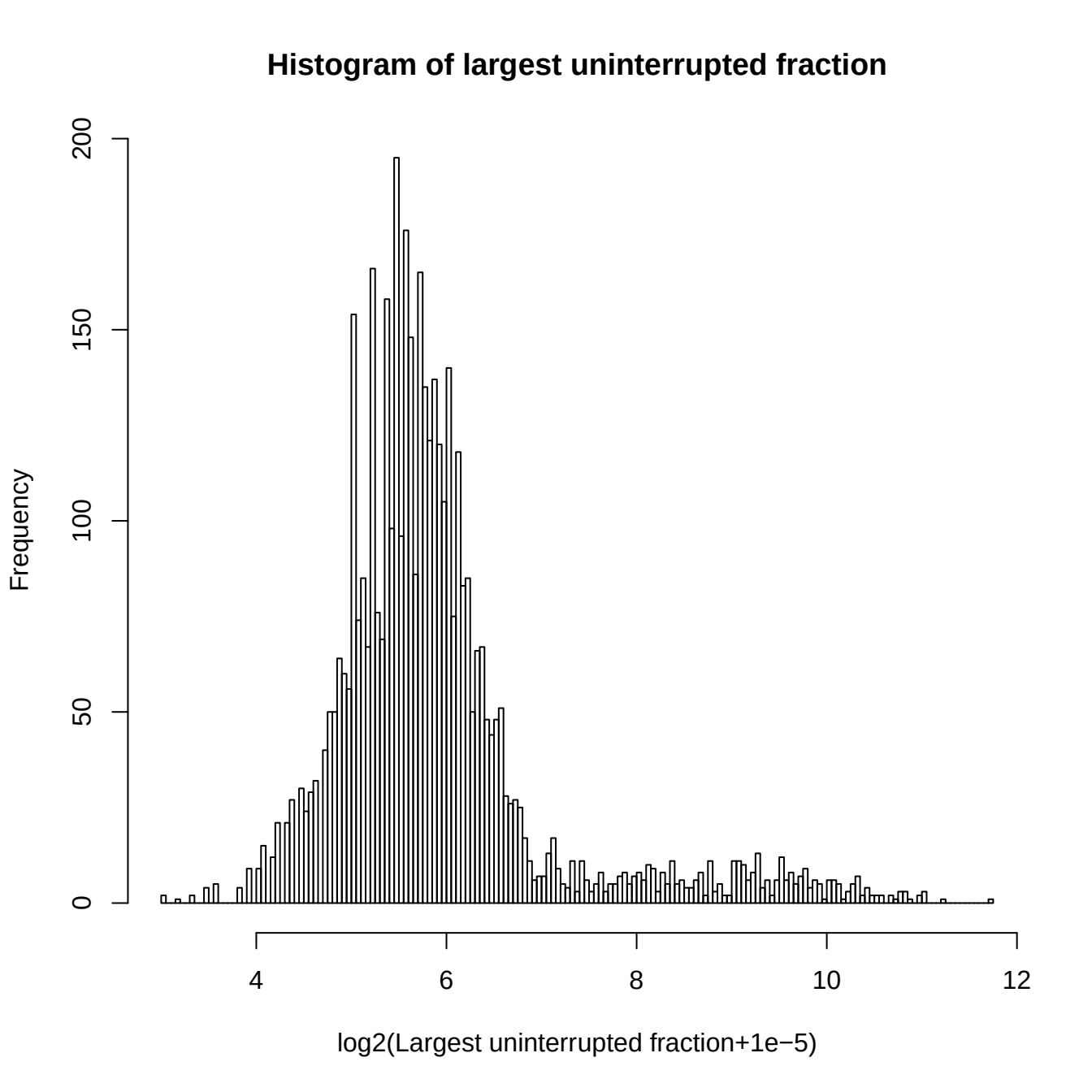

log2(Monte Carlo P−value)
0
−200
−400
−600
−100
−50
0
50
100
BioTraDIS logodds
Essential
Non−essential

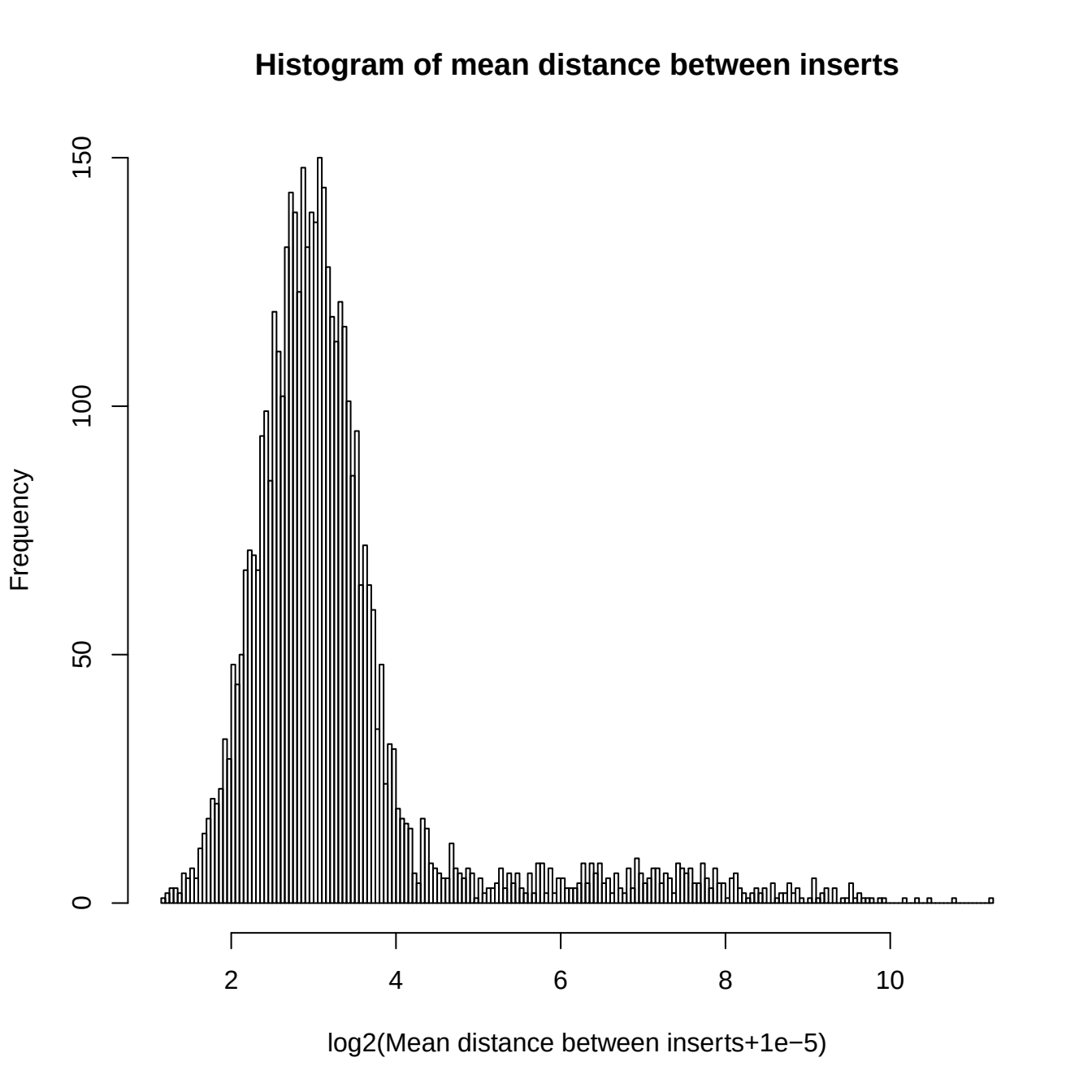

Monte Carlo DESeq LFC Distances
0
−5
−10
−10
−5
0
Monte Carlo DESeq LFC
Essential
Non−essential

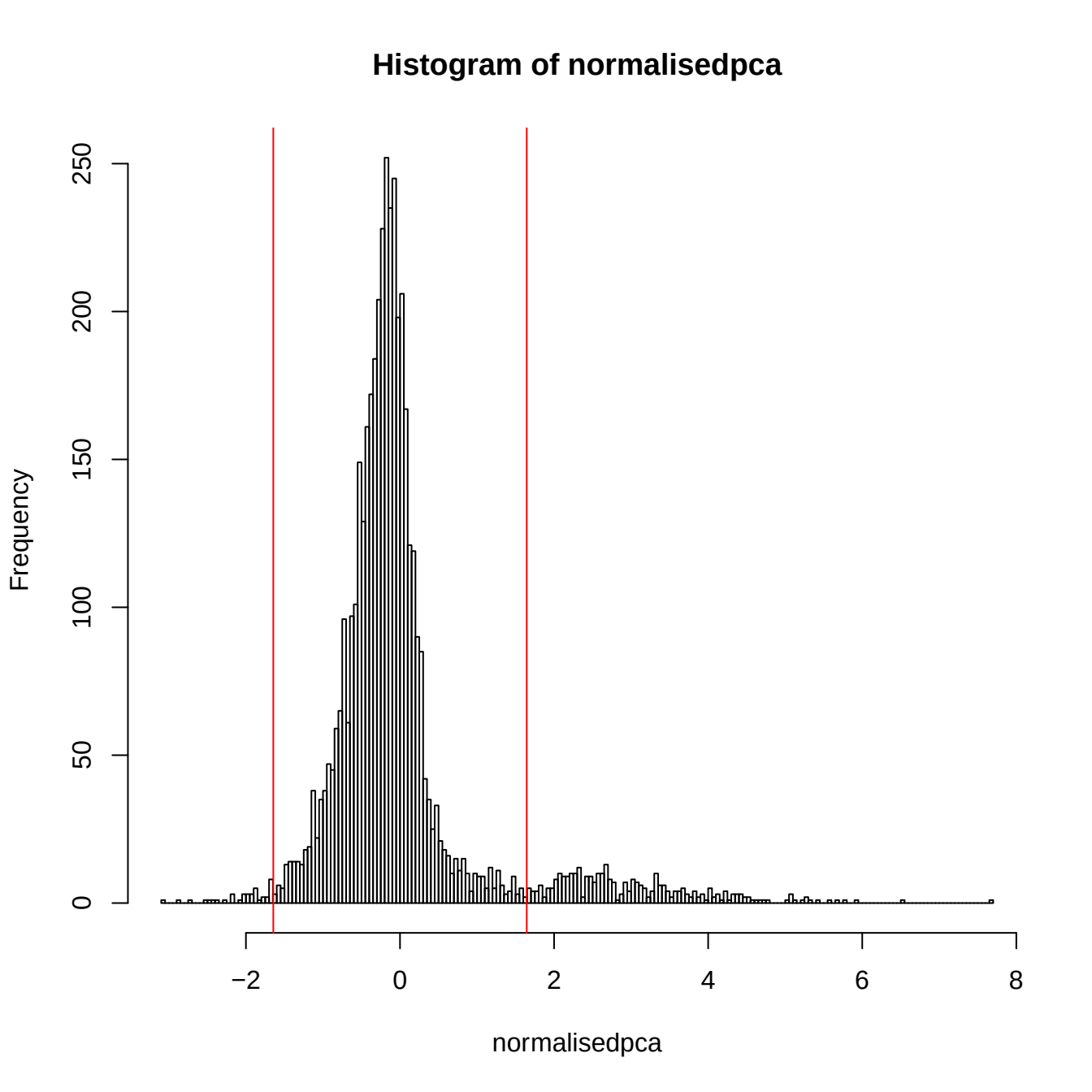

Essential
Non−essential
Monte Carlo DESeq FC Distances
Monte Carlo DESeq FC
0
1
2
3
4
5
6
0
5
10
15


Histogram of Monte Carlo logFC
Frequency
0
50
100
150
200
250
0
5
10
Monte Carlo logFC


Histogram of Monte Carlo P−value
Frequency
0
500
1000
1500
2000
2500
3000
3500
−600
−400
−200
0
log2(Monte Carlo P−value)


Histogram of largest uninterrupted fraction
Frequency
0
50
100
150
200
4
6
8
10
12
log2(Largest uninterrupted fraction+1e−5)


Histogram of mean distance between inserts
Frequency
0
50
100
150
2
4
6
8
10
log2(Mean distance between inserts+1e−5)


Histogram of normalisedpca
Frequency
0
50
100
150
200
250
−2
0
2
4
6
8
normalisedpca