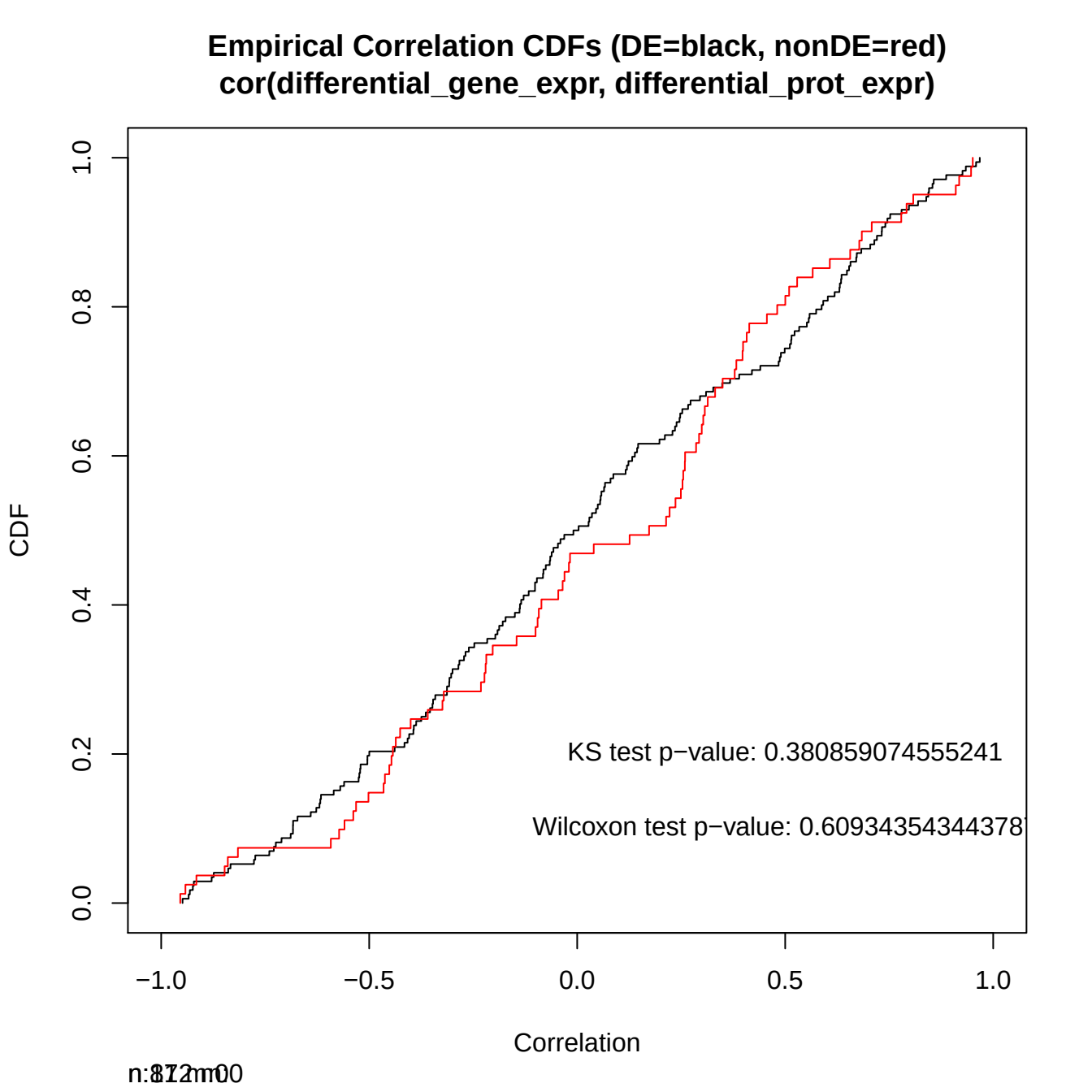
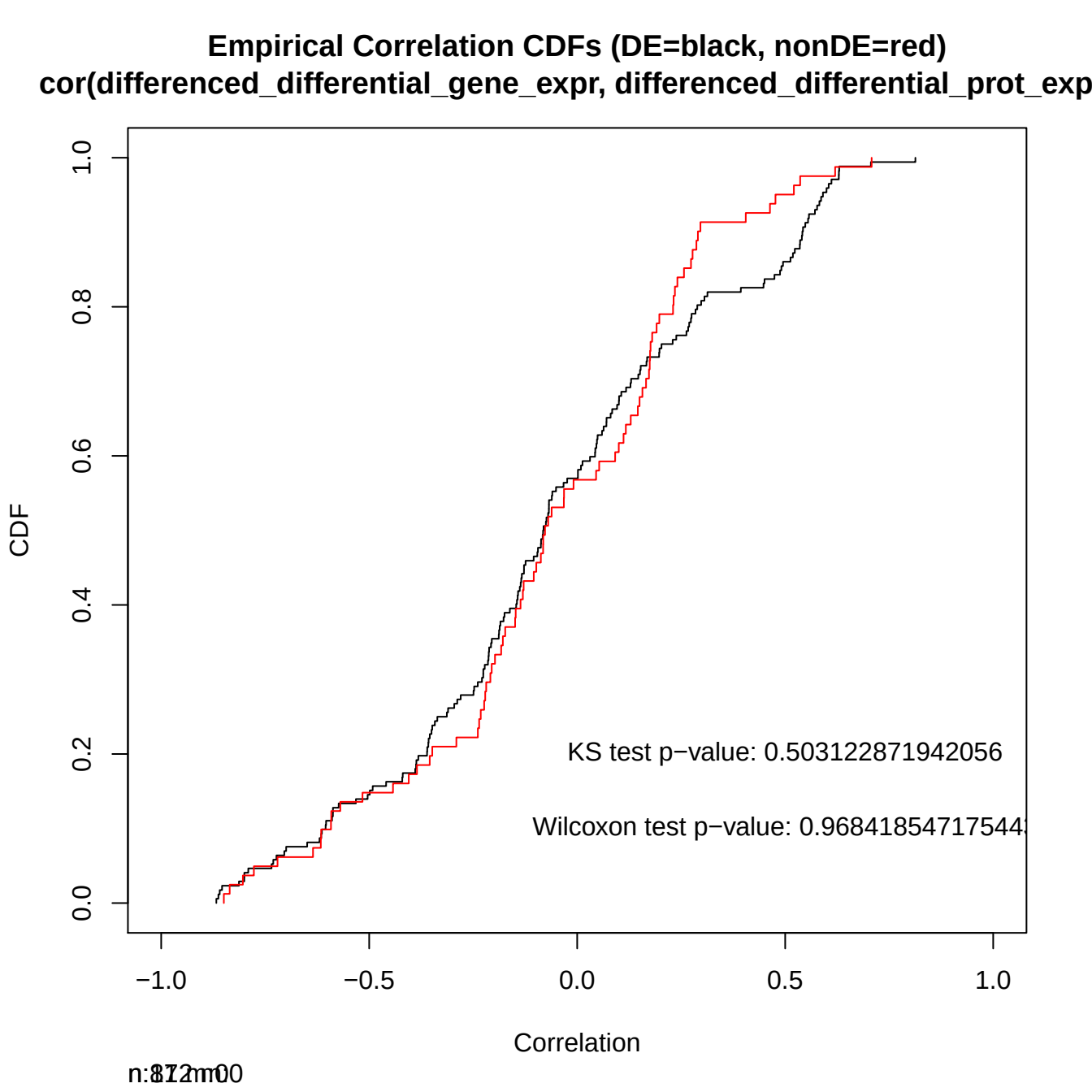
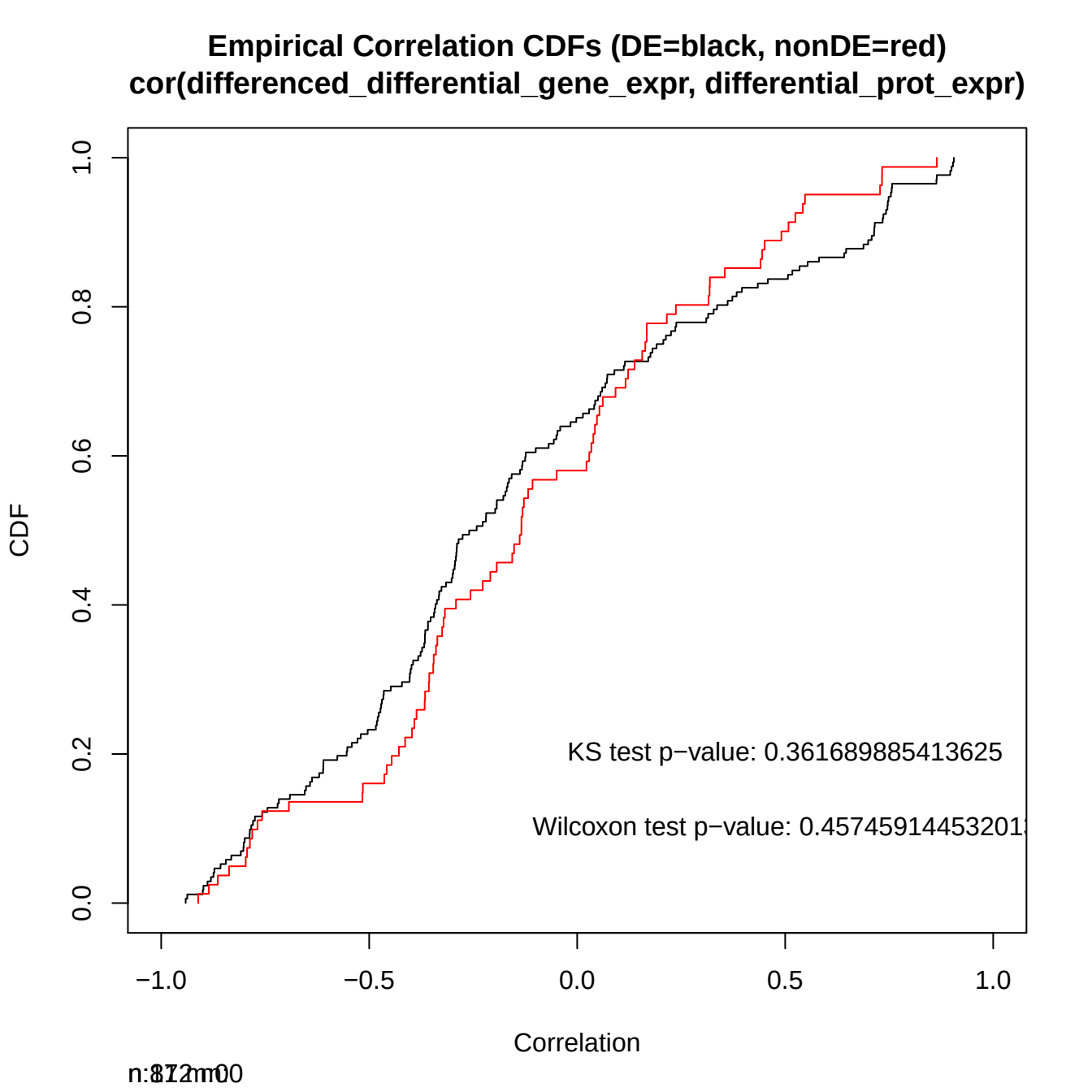
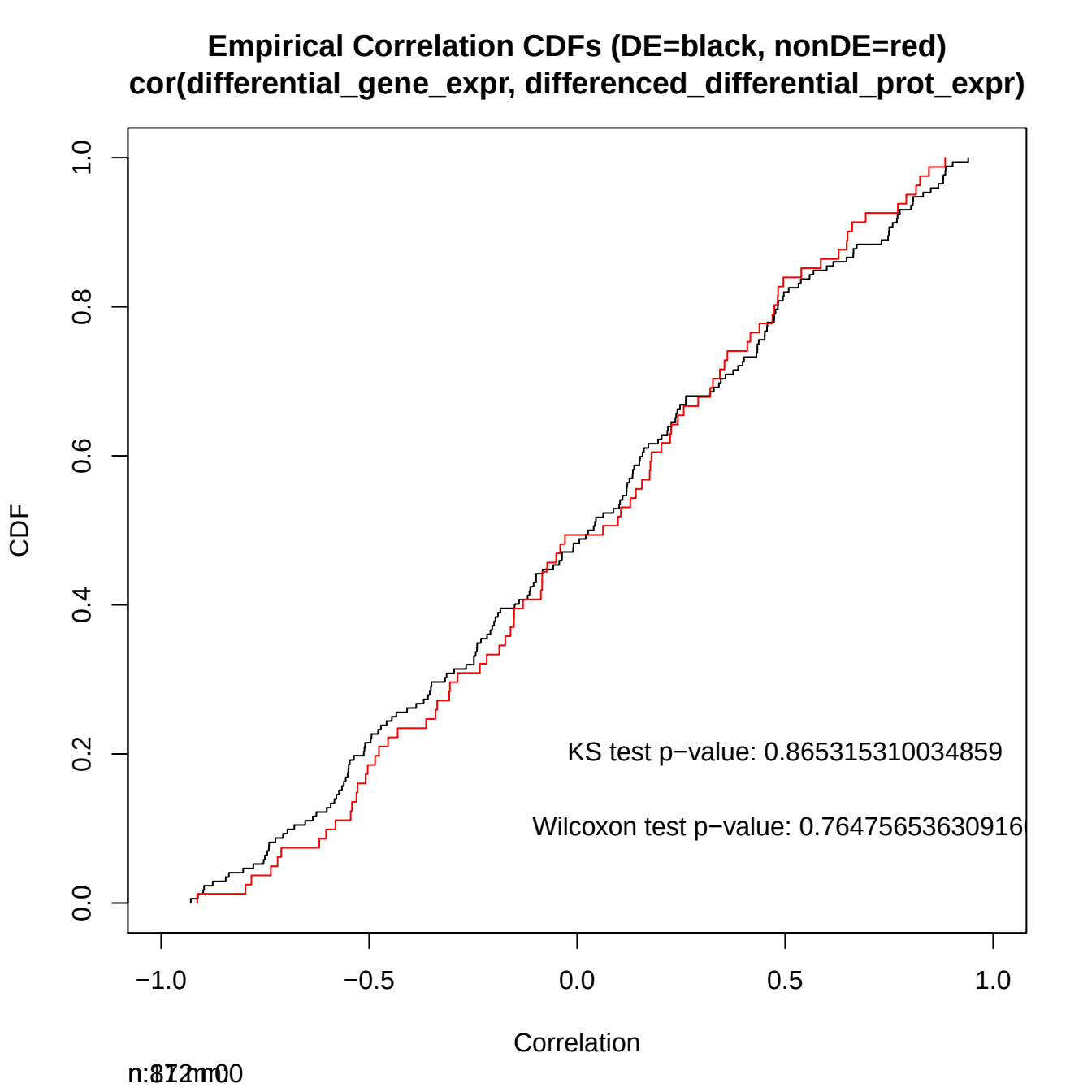
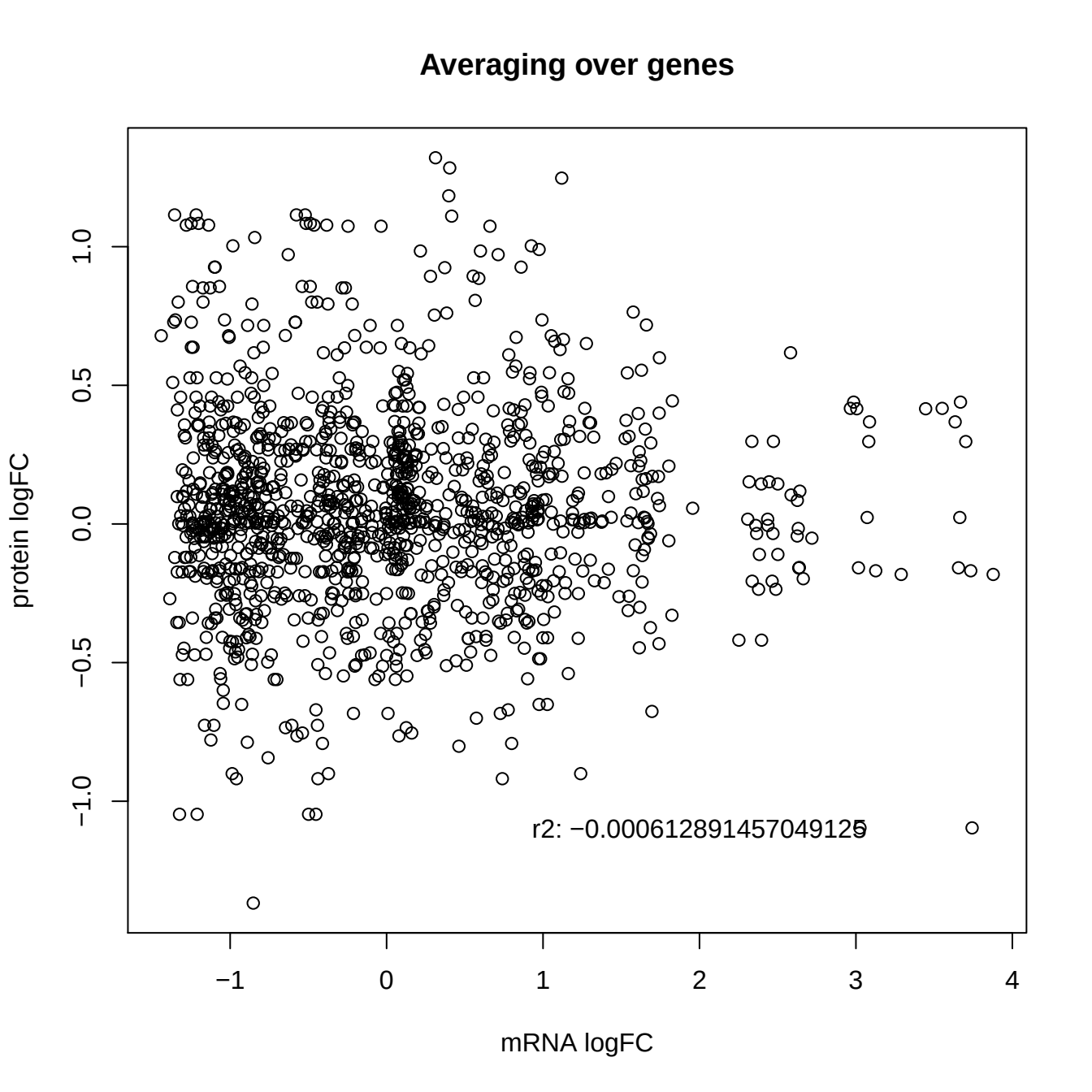

Empirical Correlation CDFs (DE=black, nonDE=red)
cor(differential_gene_expr, differential_prot_expr)
CDF
0.0
0.2
0.4
0.6
0.8
1.0
−1.0
−0.5
0.0
0.5
1.0
Correlation
KS test p−value: 0.380859074555241
Wilcoxon test p−value: 0.60934354344378


Empirical Correlation CDFs (DE=black, nonDE=red)
cor(differenced_differential_gene_expr, differenced_differential_prot_exp
CDF
0.0
0.2
0.4
0.6
0.8
1.0
−1.0
−0.5
0.0
0.5
1.0
Correlation
KS test p−value: 0.503122871942056
Wilcoxon test p−value: 0.96841854717544
n:872 n:0


Empirical Correlation CDFs (DE=black, nonDE=red)
cor(differenced_differential_gene_expr, differential_prot_expr)
CDF
0.0
0.2
0.4
0.6
0.8
1.0
−1.0
−0.5
0.0
0.5
1.0
Correlation
KS test p−value: 0.361689885413625
Wilcoxon test p−value: 0.45745914453201
n:872 m:00


Empirical Correlation CDFs (DE=black, nonDE=red)
cor(differential_gene_expr, differenced_differential_prot_expr)
CDF
0.0
0.2
0.4
0.6
0.8
1.0
−1.0
−0.5
0.0
0.5
1.0
Correlation
KS test p−value: 0.865315310034859
Wilcoxon test p−value: 0.76475653630916
n: 872 m: 0


Averaging over genes
protein logFC
mRNA logFC
r2: −0.000612891457049125
1.0
0.5
0.0
−0.5
−1.0
−1
0
1
2
3
4