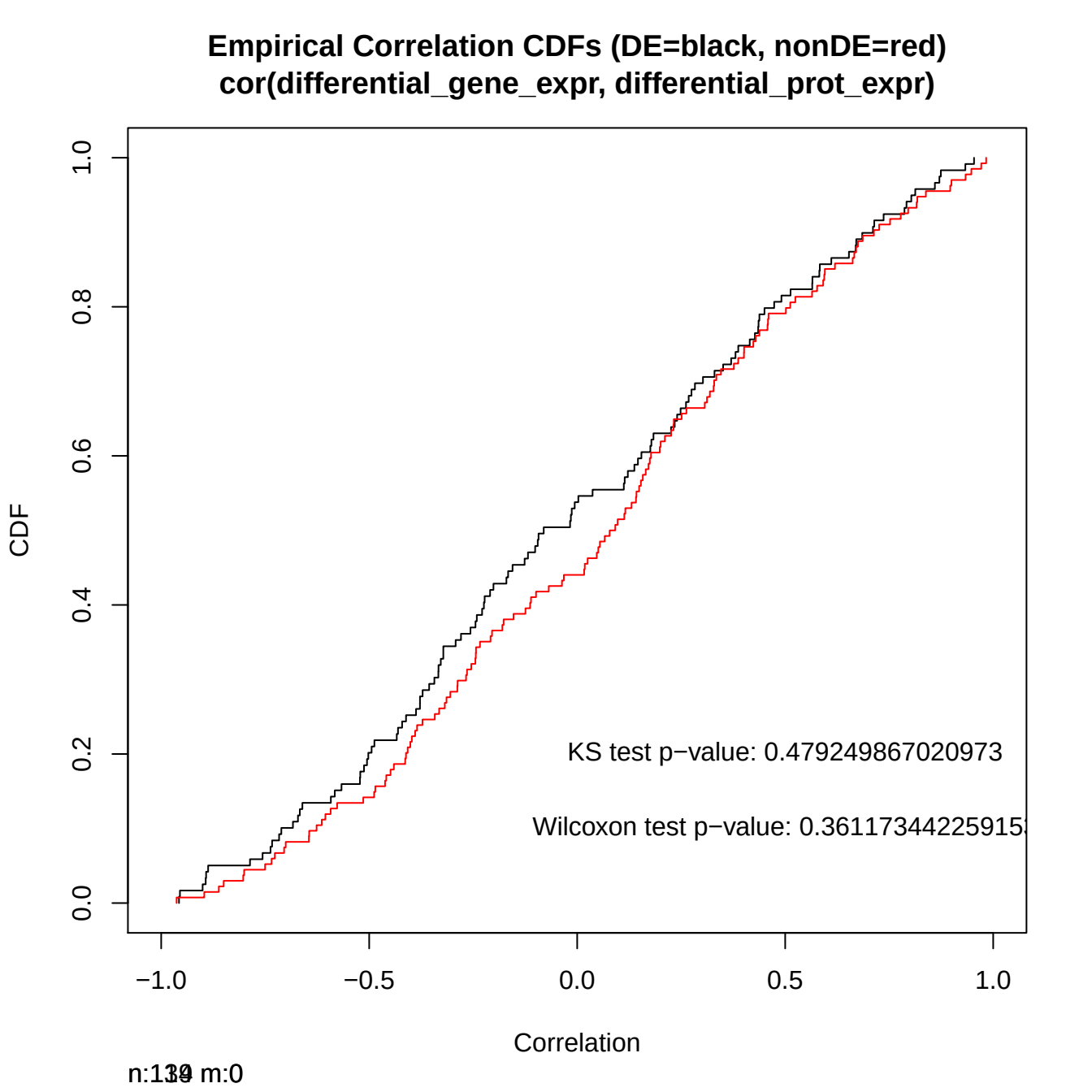
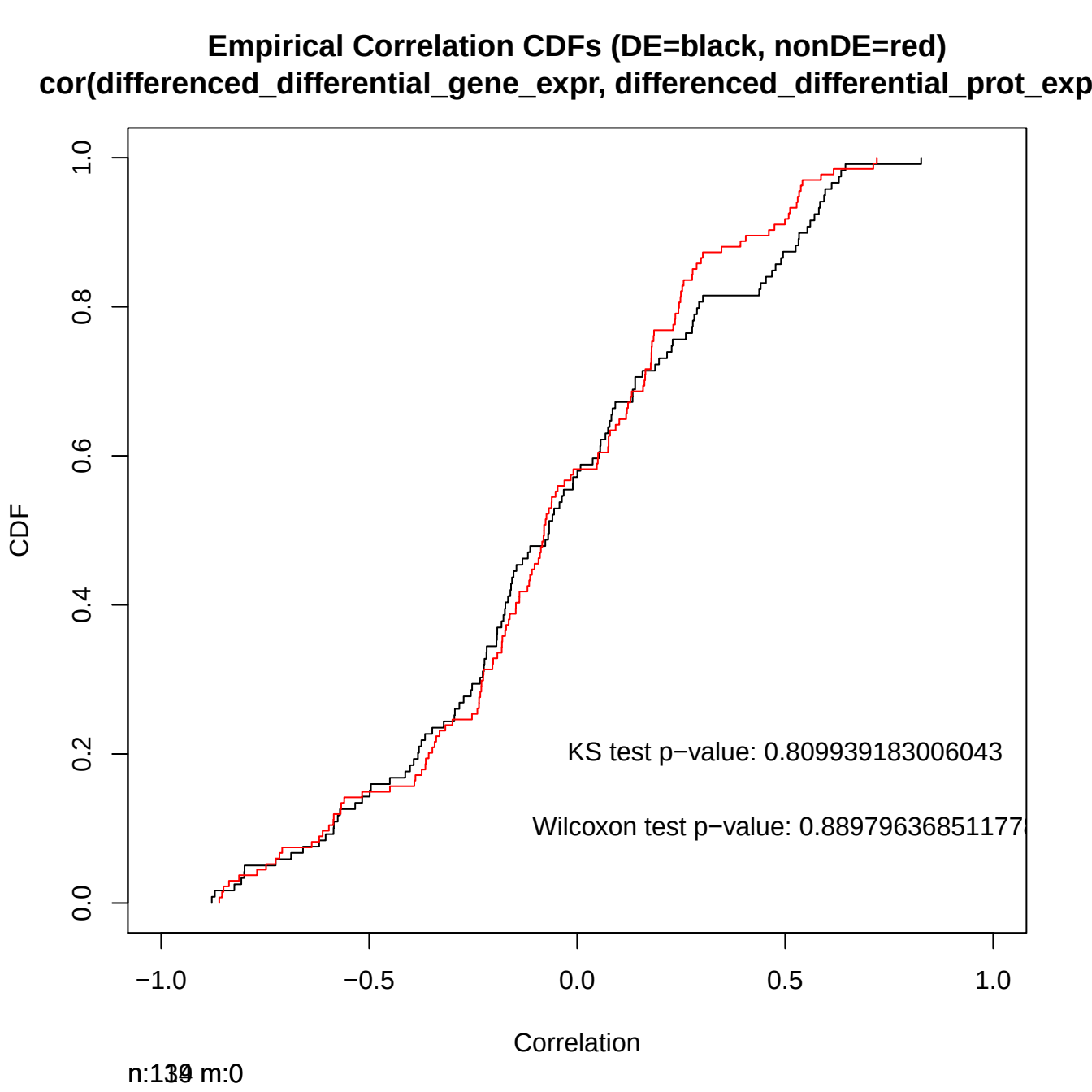
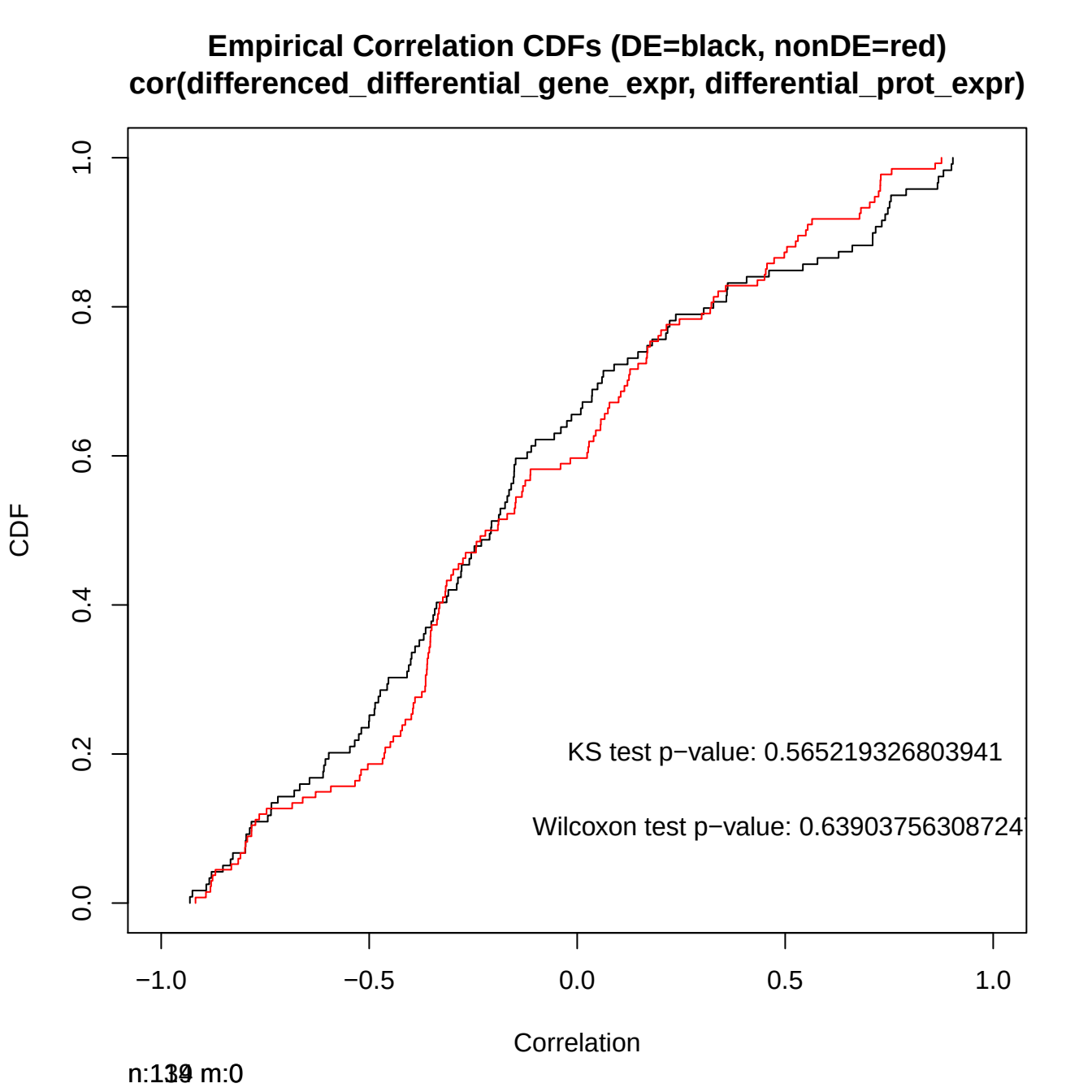
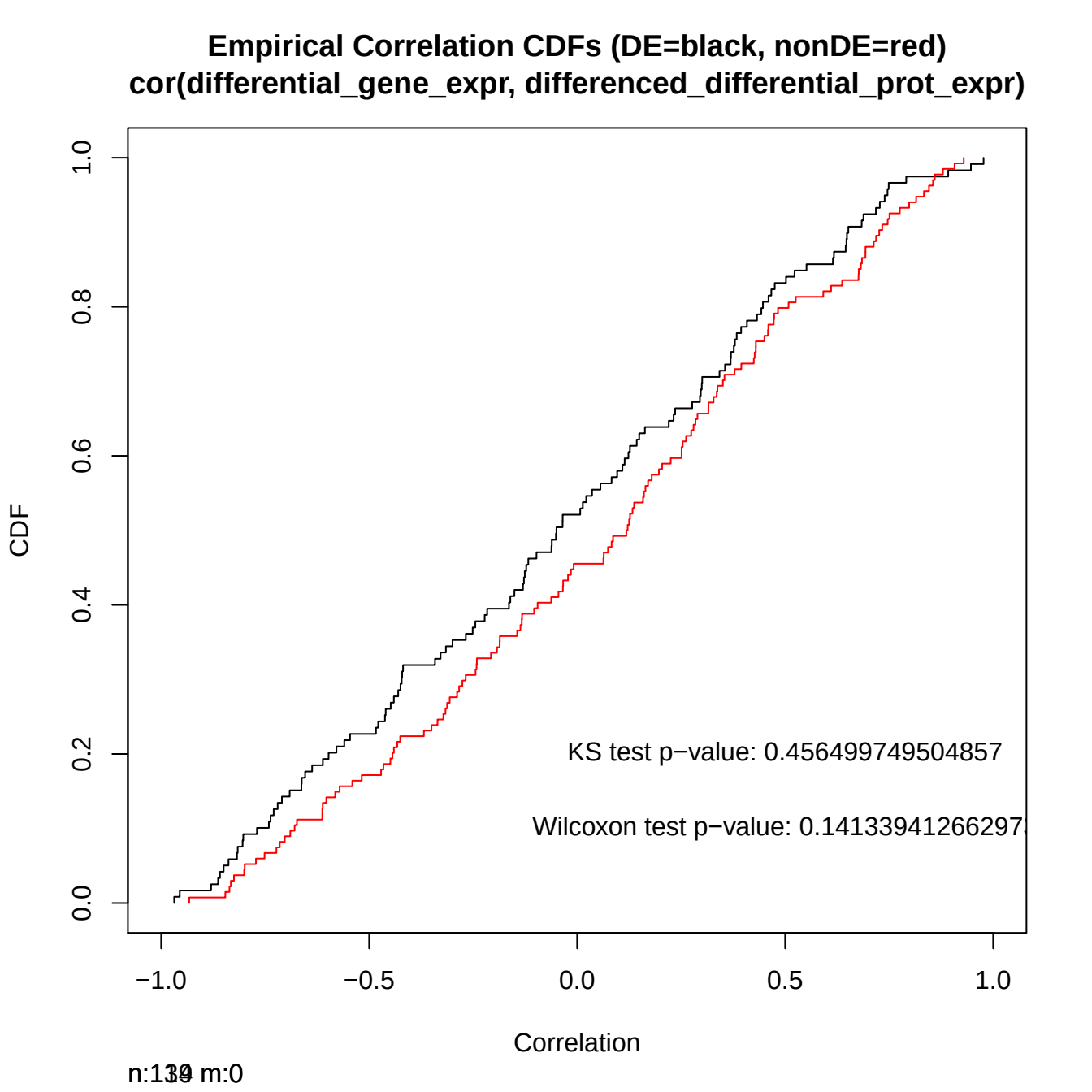
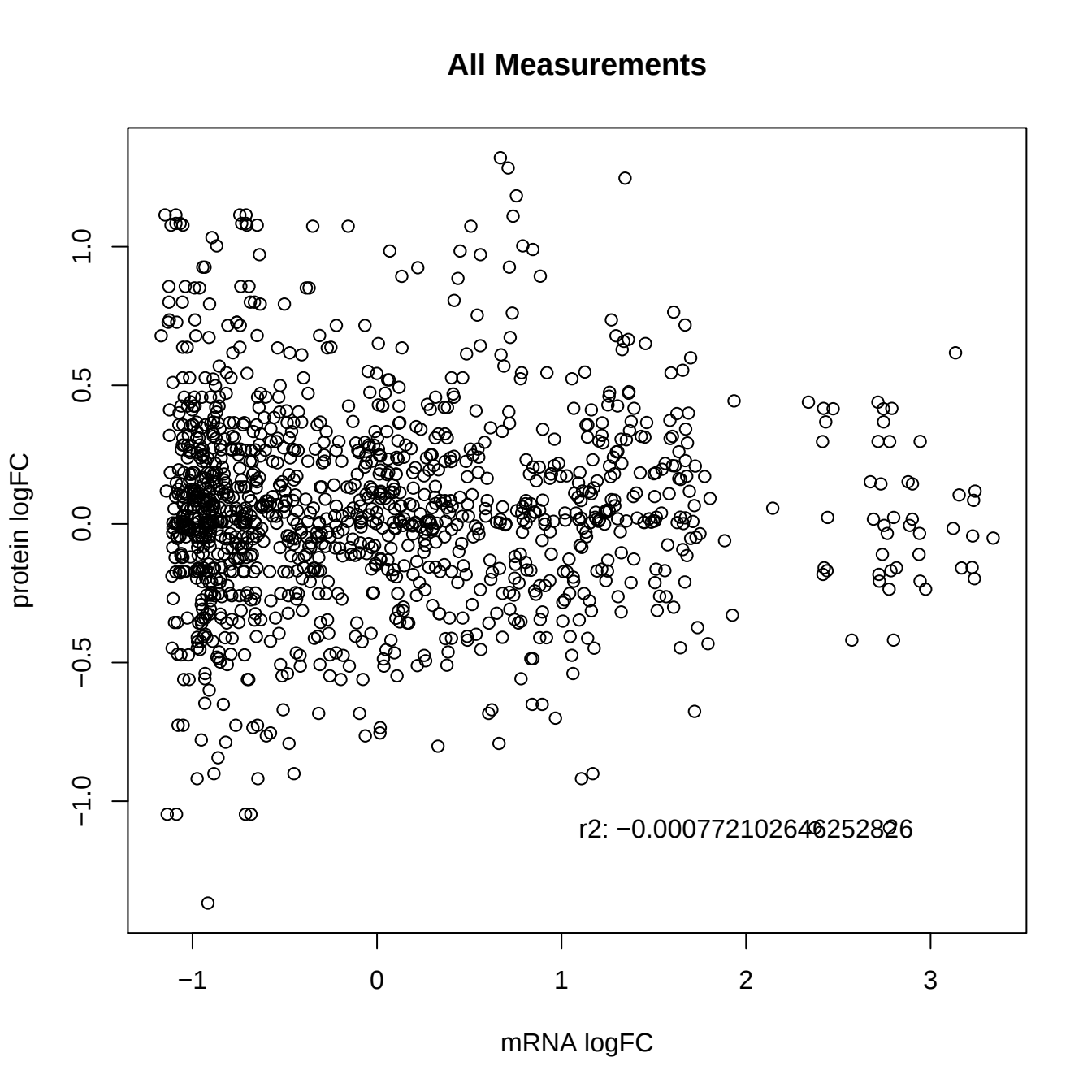
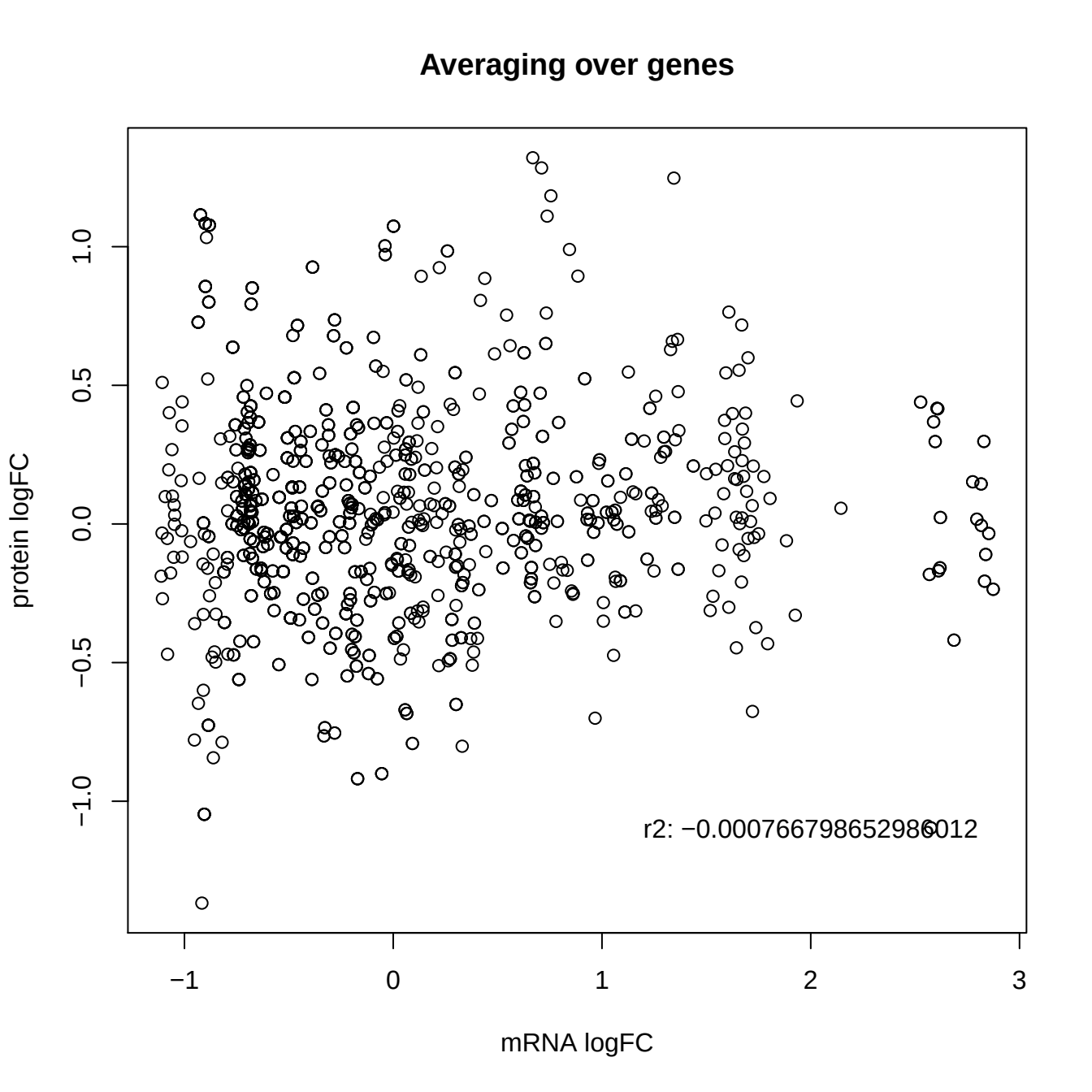

Empirical Correlation CDFs (DE=black, nonDE=red)
cor(differential_gene_expr, differential_prot_expr)
CDF
0.0
0.2
0.4
0.6
0.8
1.0
−1.0
−0.5
0.0
0.5
1.0
Correlation
KS test p−value: 0.479249867020973
Wilcoxon test p−value: 0.36117344225915
n:134 m:0


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: 0.809939183006043
Wilcoxon test p−value: 0.88979636851177
n:134 m: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: 0.565219326803941
Wilcoxon test p−value: 0.63903756308724
n:134 m:0


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: 0.456499749504857
Wilcoxon test p−value: 0.14133941266297
n:134 m:0


All Measurements
protein logFC
mRNA logFC
1.0
0.5
0.0
−0.5
−1.0
−1
0
1
2
3
r2: −0.000772102646252826


Averaging over genes
protein logFC
mRNA logFC
r2: −0.0007667986529866012
1.0
0.5
0.0
−0.5
−1.0
−1
0
1
2
3