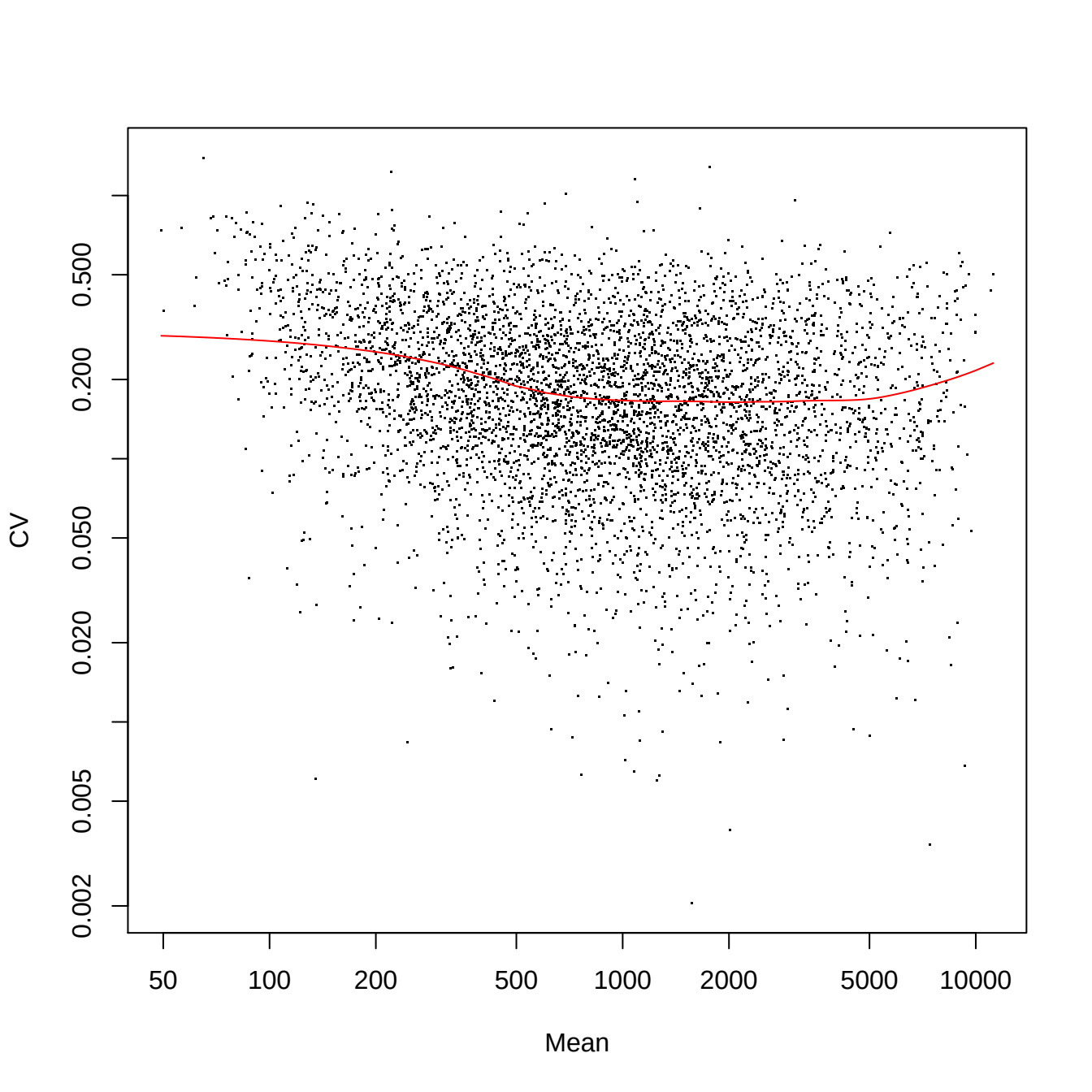
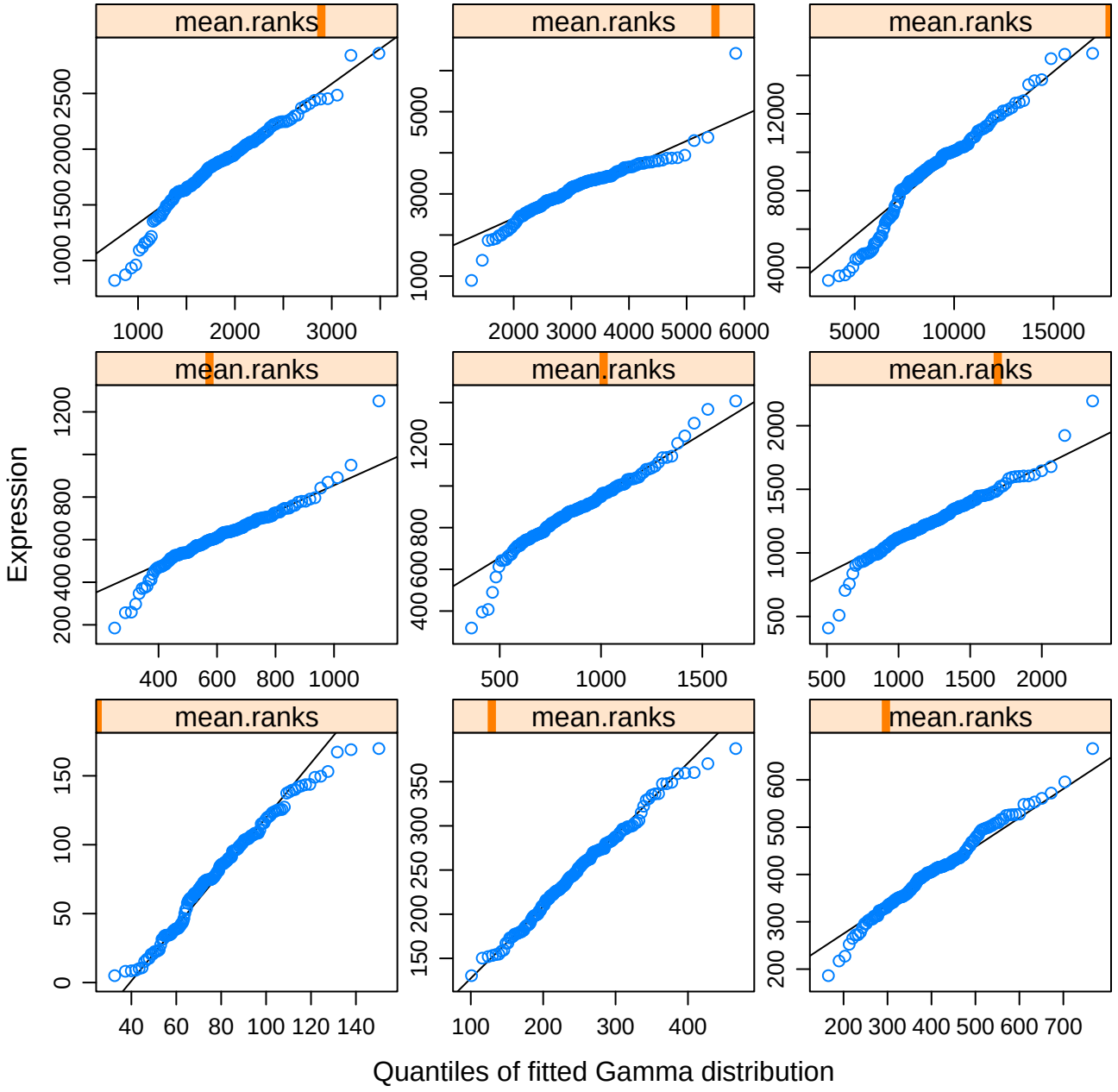
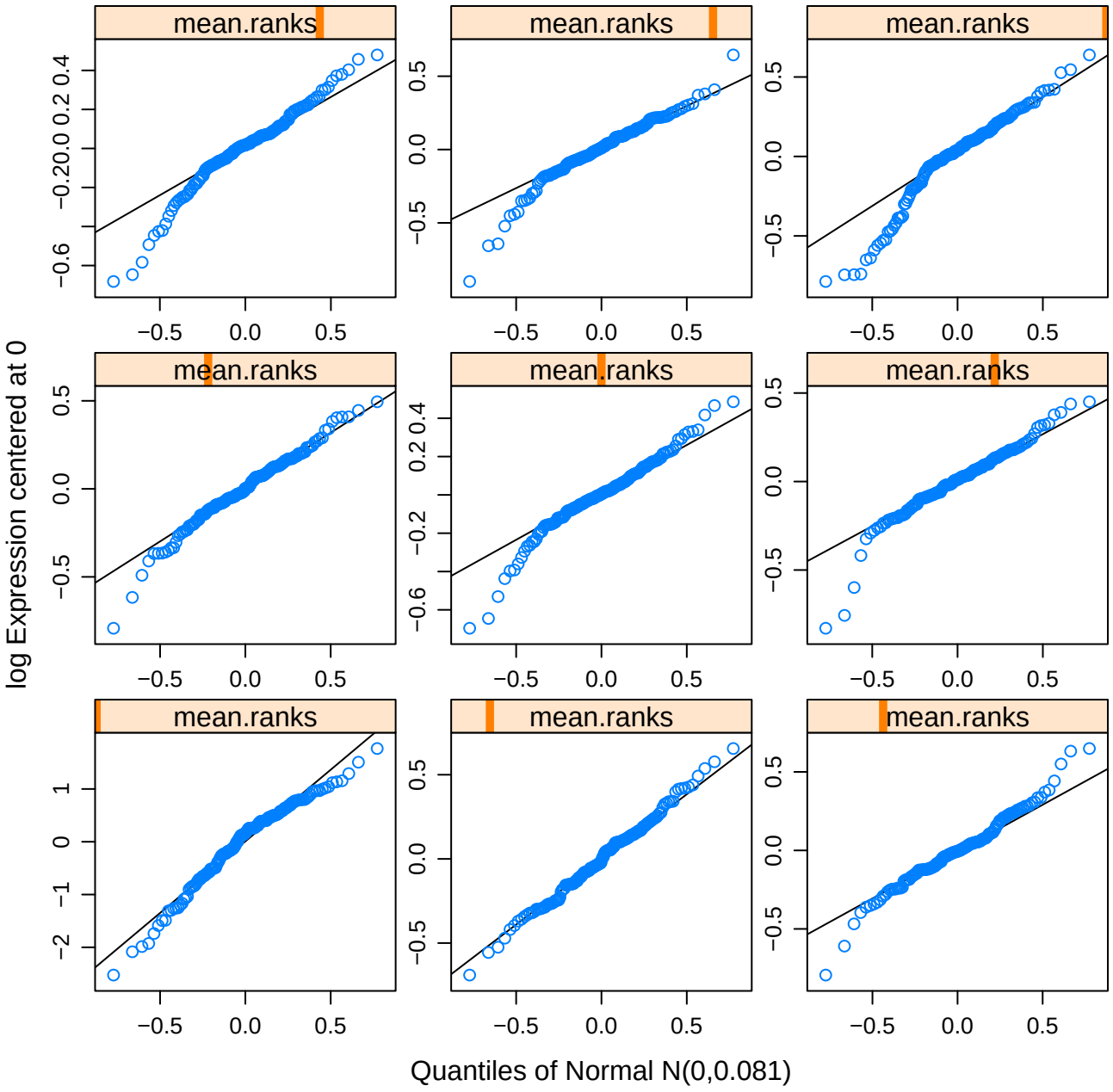
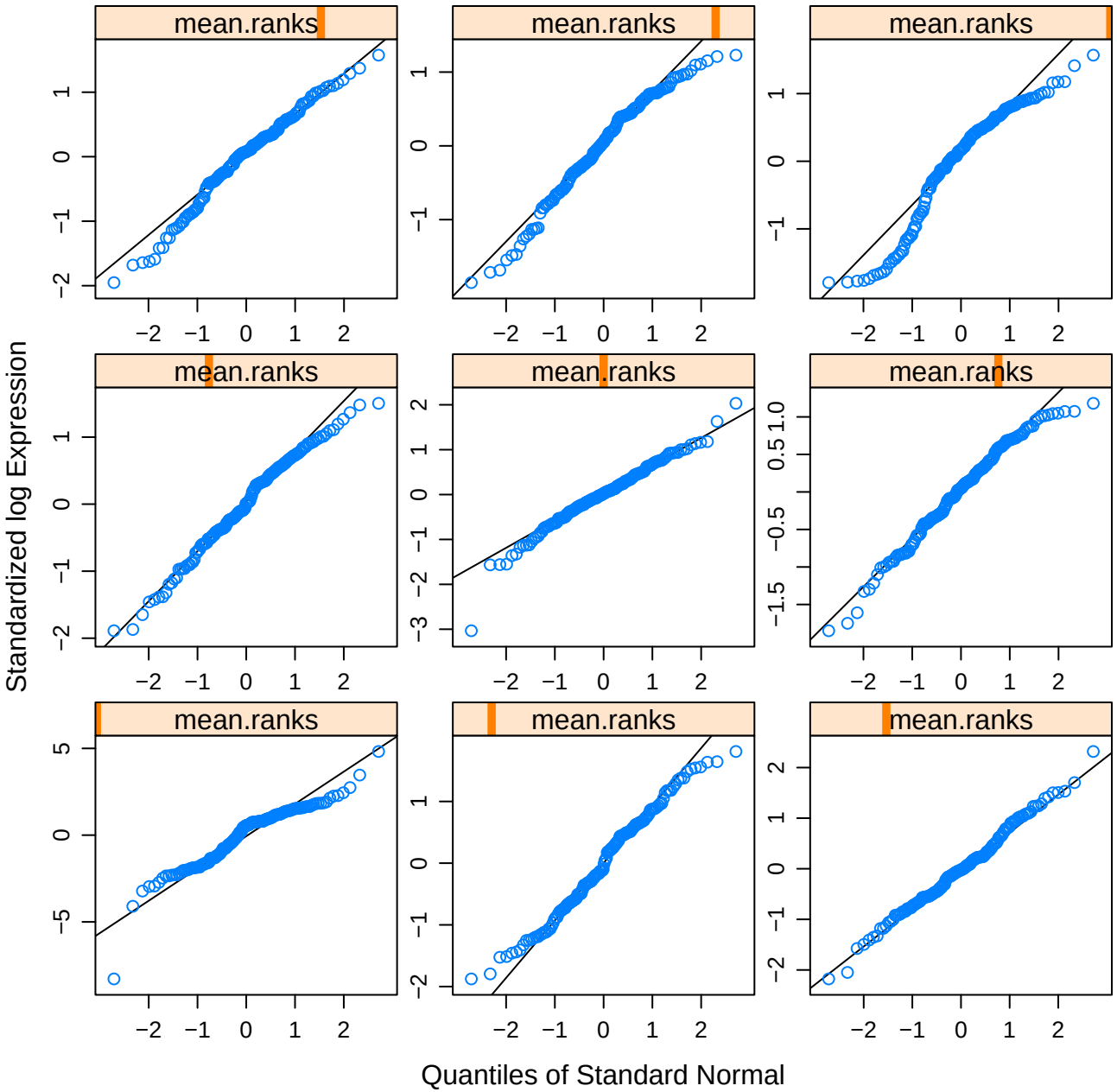
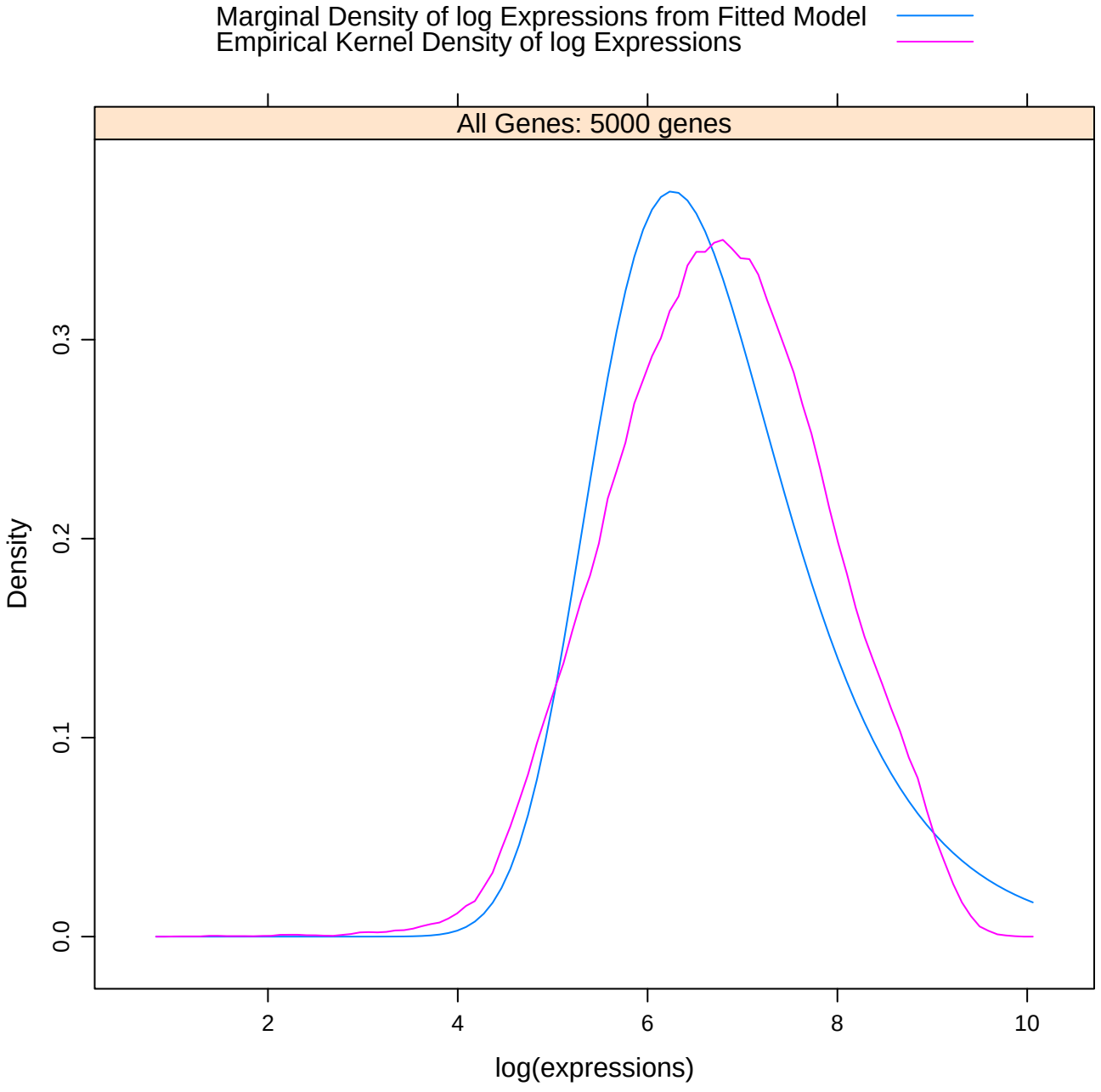
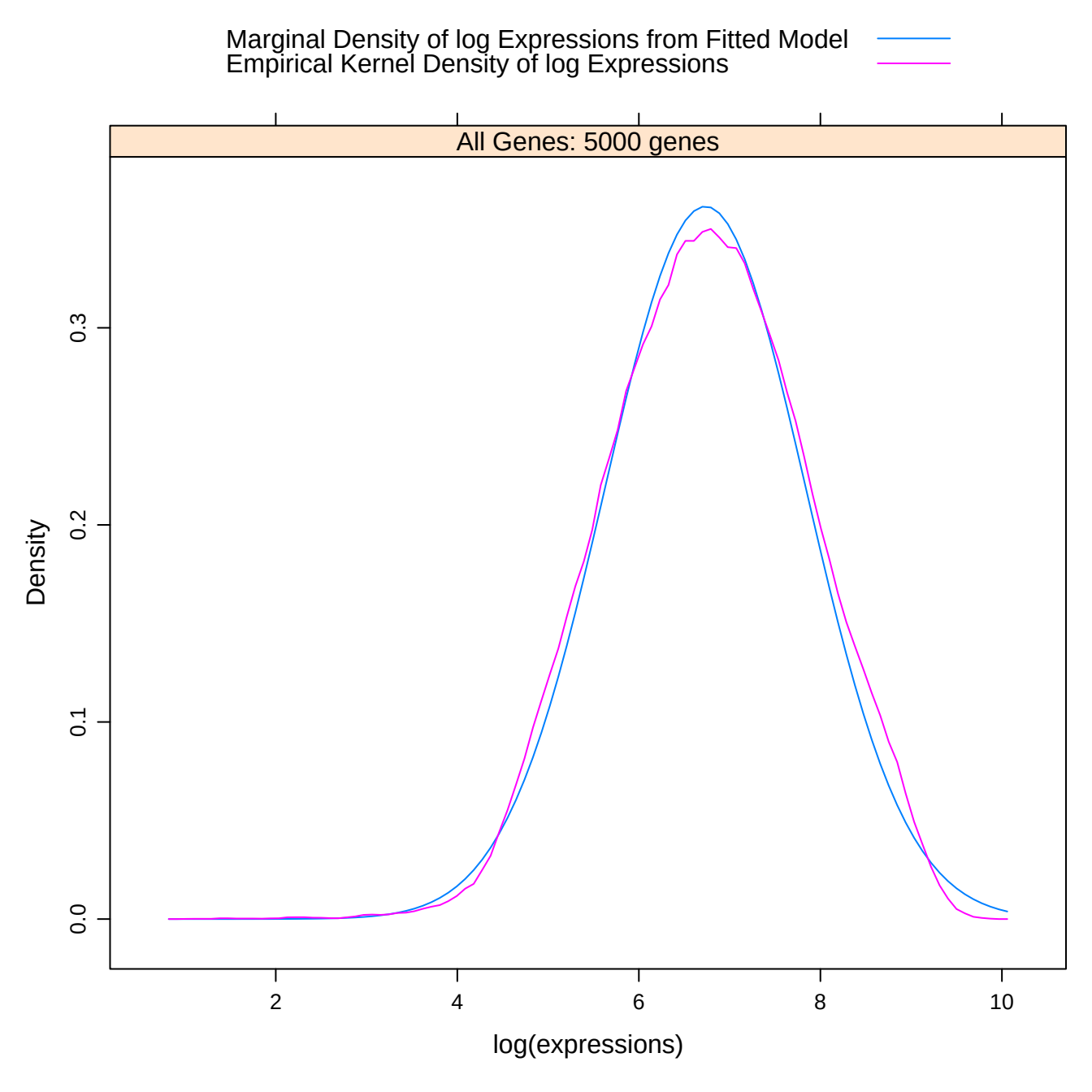

CV
0.002
0.005
0.020
0.050
0.200
0.500
50
100
200
500
1000
2000
5000
10000
Mean

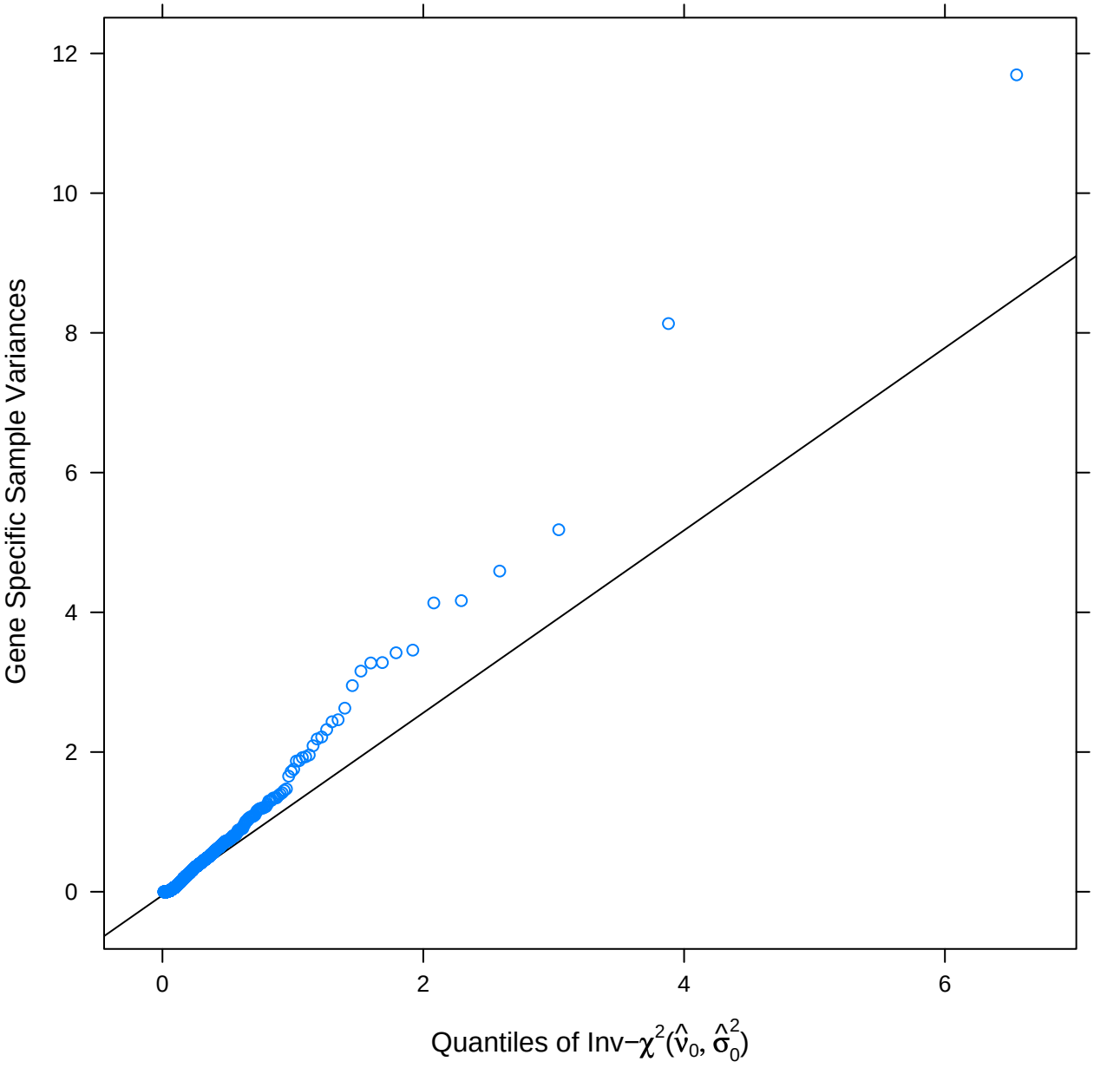

mean.ranks
mean.ranks
mean.ranks
mean.ranks
mean.ranks
mean.ranks
mean.ranks
mean.ranks
mean.ranks
Expression
Quantiles of fitted Gamma distribution

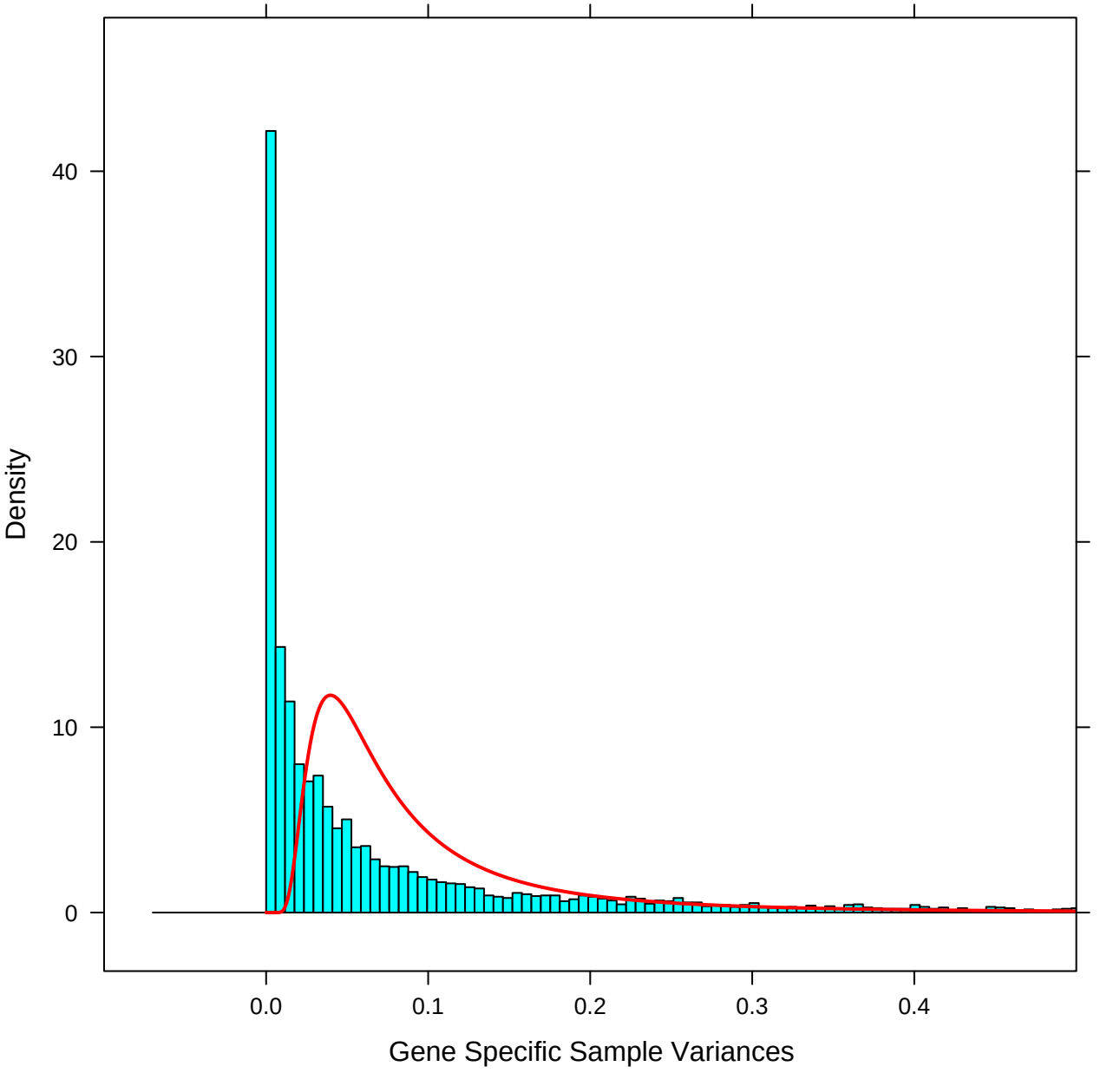

mean.ranks
mean.ranks
mean.ranks
mean.ranks
mean.ranks
mean.ranks
mean.ranks
mean.ranks
mean.ranks
log Expression centered at 0
Quantiles of Normal N(0,0.081)

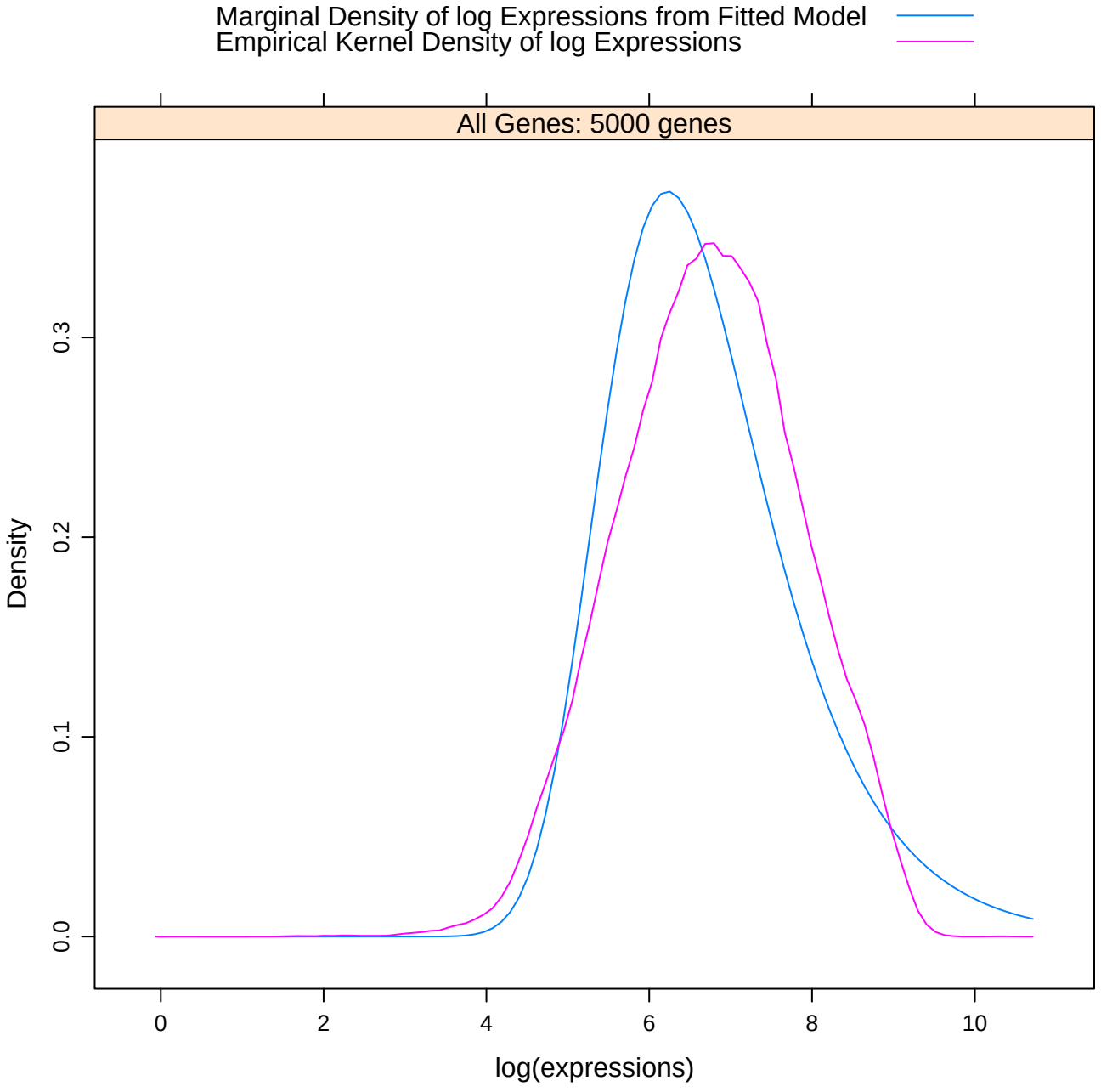

mean.ranks
mean.ranks
mean.ranks
mean.ranks
mean.ranks
mean.ranks
mean.ranks
mean.ranks
mean.ranks
Standardized log Expression
Quantiles of Standard Normal

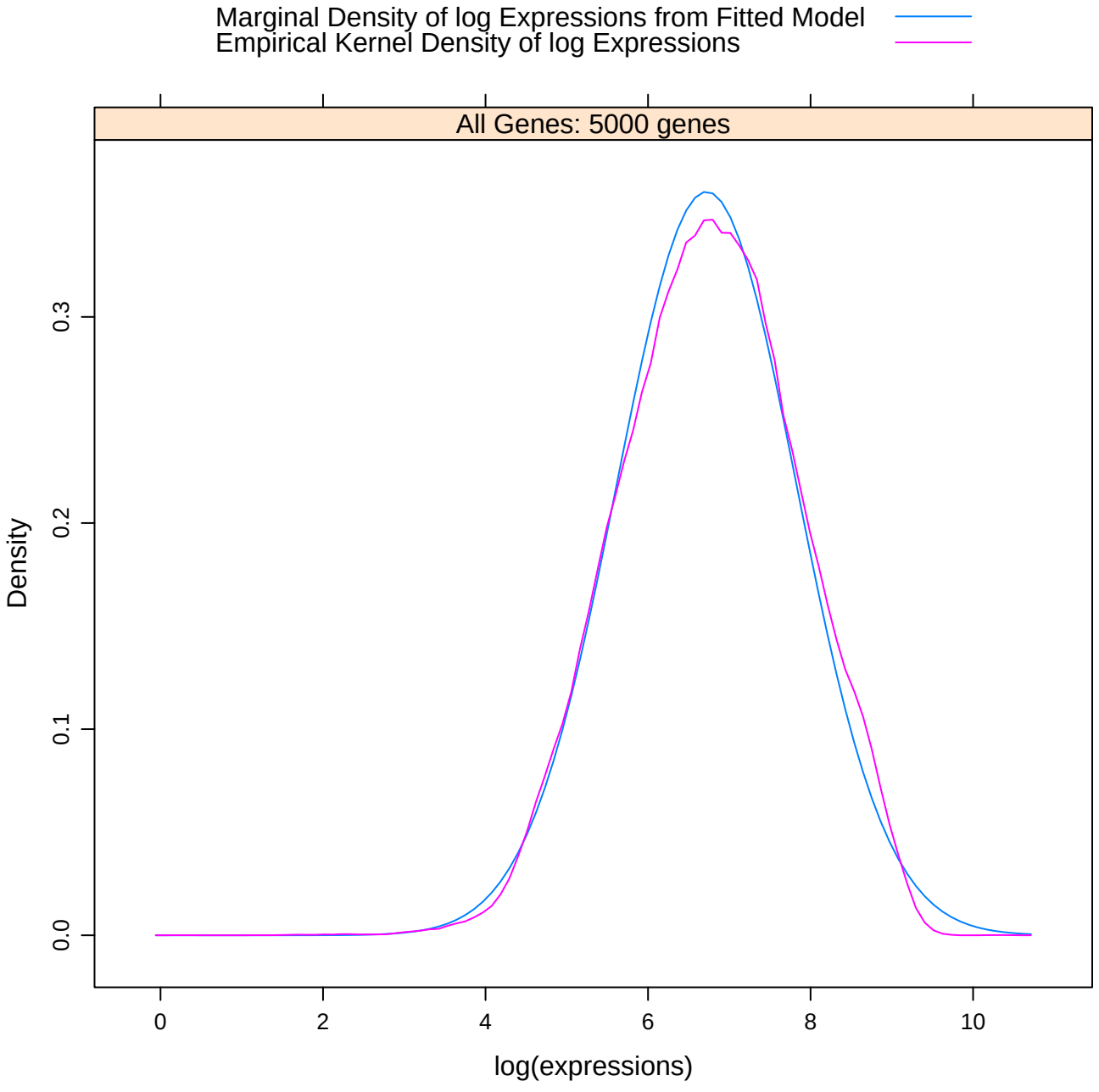

Marginal Density of log Expressions from Fitted Model
Empirical Kernel Density of log Expressions
All Genes: 5000 genes
Density
0.0
0.1
0.2
0.3
2
4
6
8
10
log(expressions)

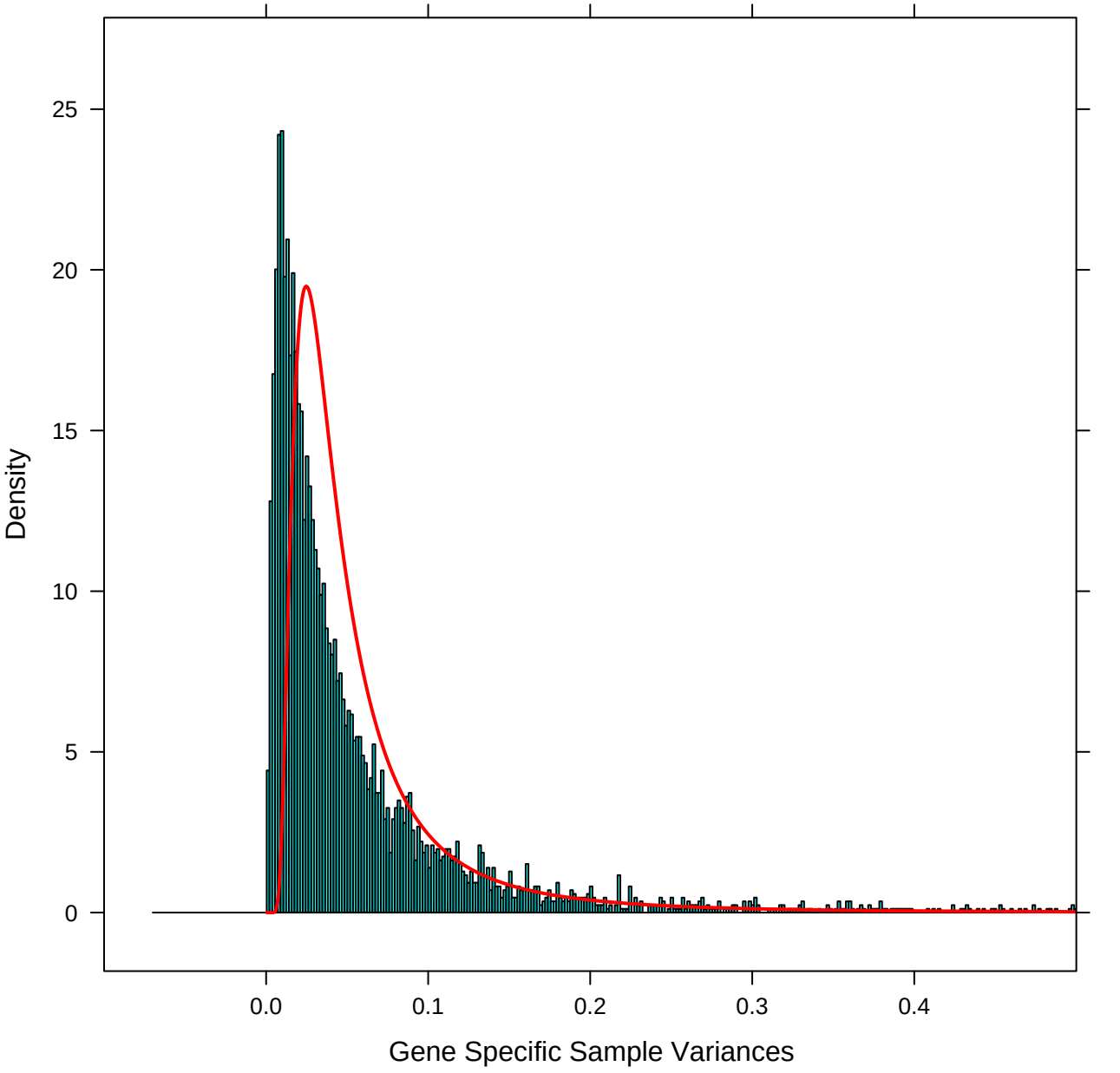

Marginal Density of log Expressions from Fitted Model
Empirical Kernel Density of log Expressions
All Genes: 5000 genes
Density
0.0
0.1
0.2
0.3
2
4
6
8
10
log(expressions)


Gene Specific Sample Variances
Quantiles of Inv−$\chi^2(\hat{\nu}_0, \hat{\sigma}_0^2)$
0
2
4
6
8
10
12


Density
40
30
20
10
0
0.0
0.1
0.2
0.3
0.4
Gene Specific Sample Variances


Marginal Density of log Expressions from Fitted Model
Empirical Kernel Density of log Expressions
All Genes: 5000 genes
Density
0.0
0.1
0.2
0.3
0
2
4
6
8
10
log(expressions)


Marginal Density of log Expressions from Fitted Model
Empirical Kernel Density of log Expressions
All Genes: 5000 genes
Density
0.0
0.1
0.2
0.3
0
2
4
6
8
10
log(expressions)


Density
25
20
15
10
5
0
0.0
0.1
0.2
0.3
0.4
Gene Specific Sample Variances