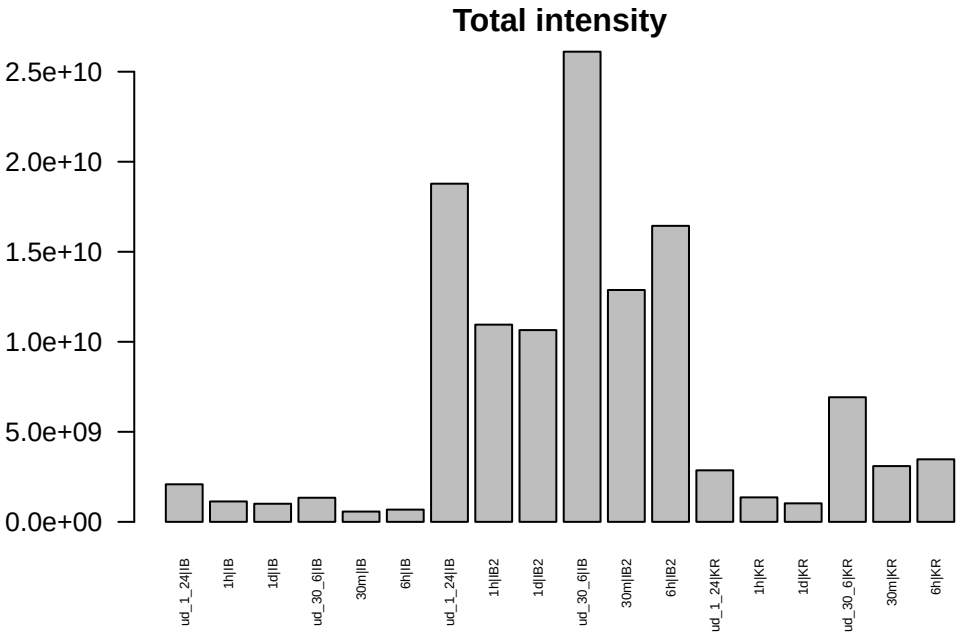
Project Name: test_run_phosphosites_junc.exons.diff

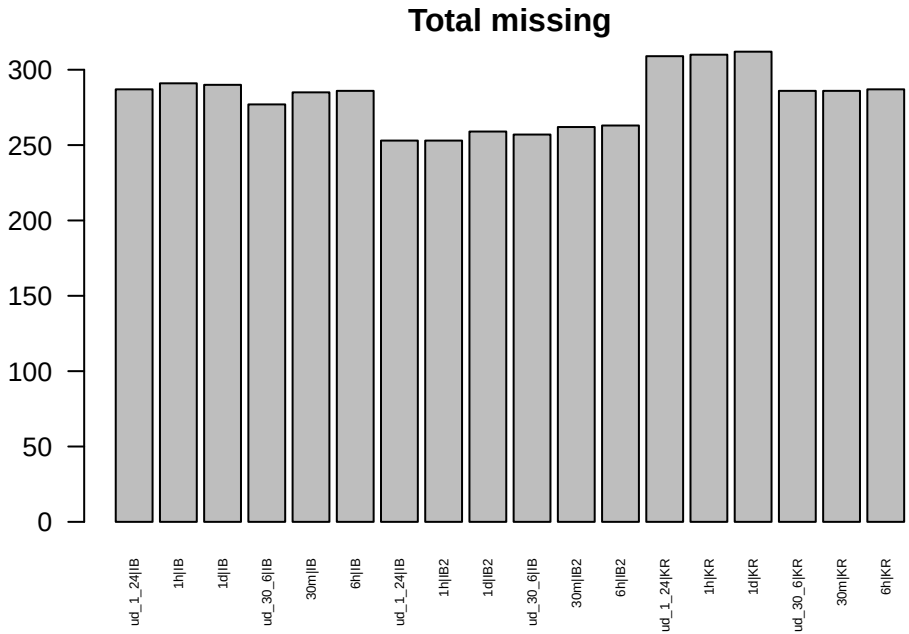
Normalyzer (ver 1.4.0)

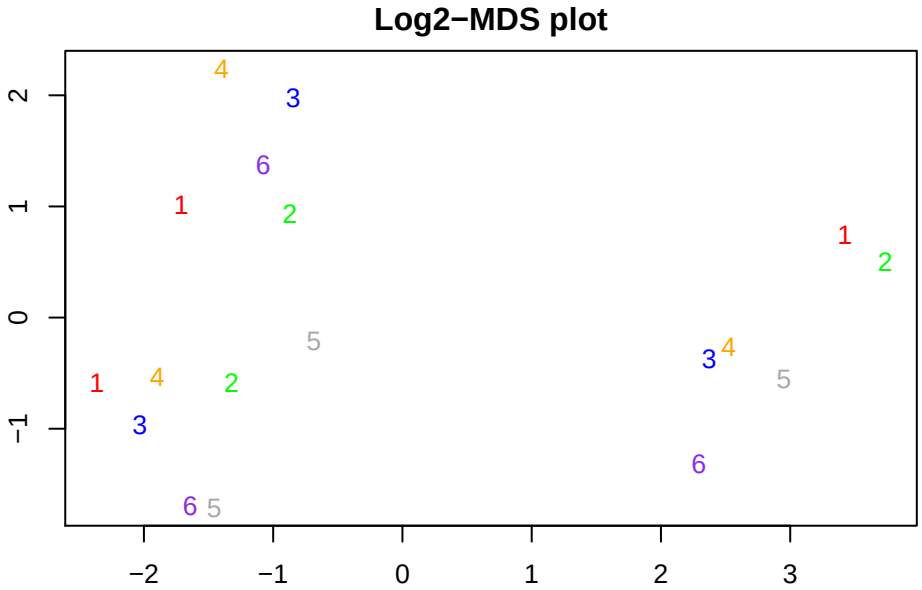
Report created on: 2020−04−04

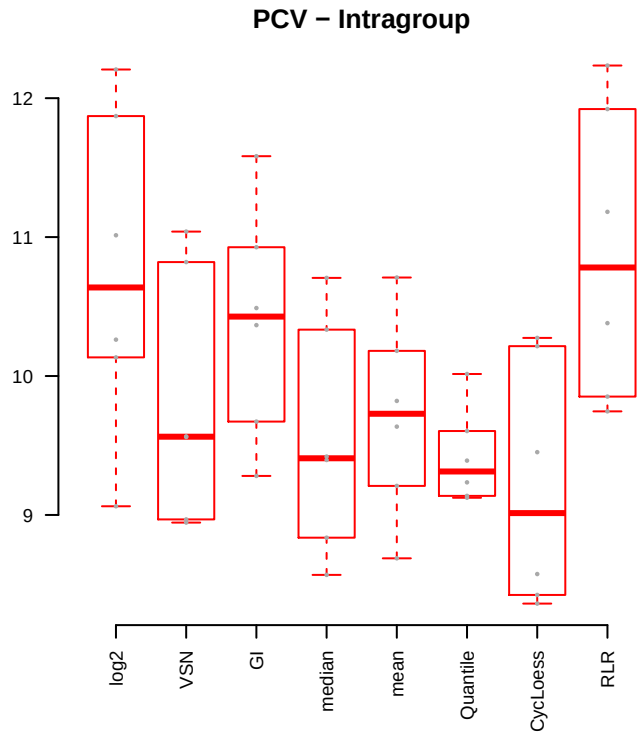
Citation: NormalyzerDE: Online Tool for Improved Normalization of Omics Expression Data and High−Sensitivity Differential Expression Analysis
Journal of Proteome Research (2018), 10.1021/acs.jproteome.8b00523

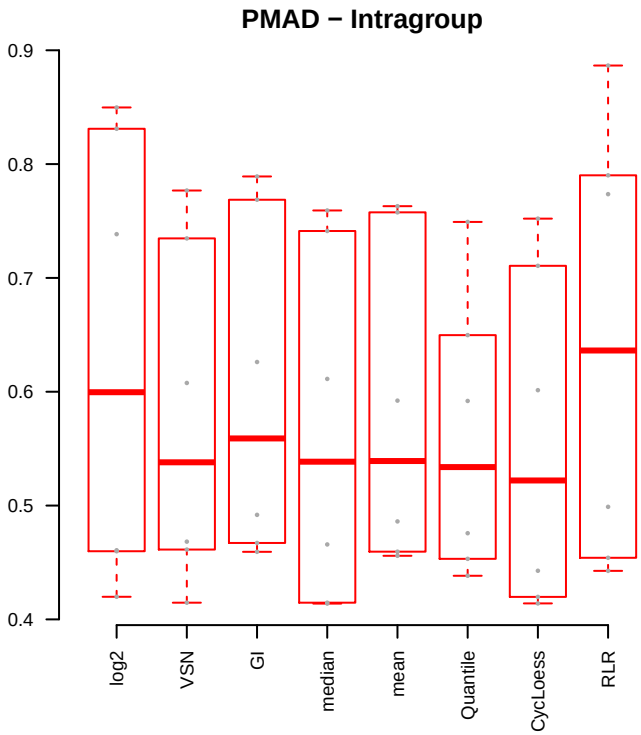
Documentation for analyzing this report can be found at http://quantitativeproteomics.org/normalyzer/help.php

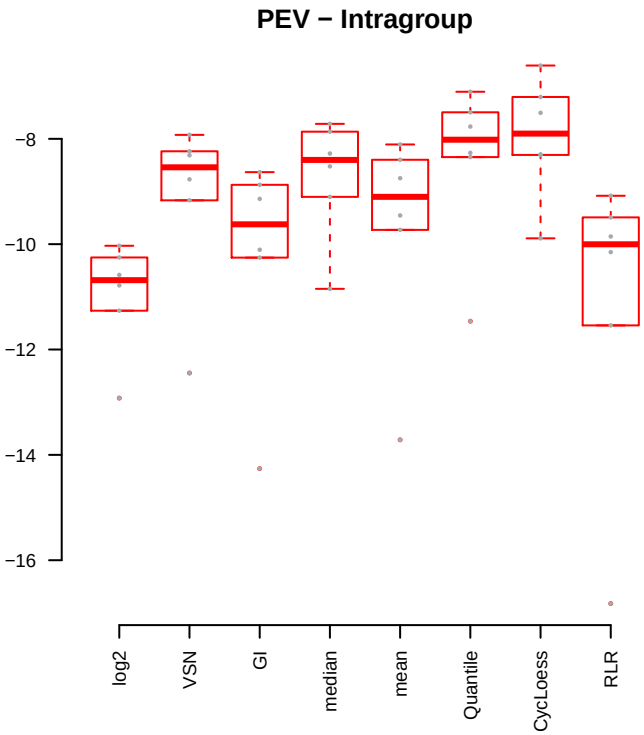

Total intensity
2.5e+10
2.0e+10
1.5e+10
1.0e+10
5.0e+09
0.0e+00
ud_1_24|IB
1h|IB
1d|IB
ud_30_6|IB
30m|IB
6h|IB
ud_1_24|IB
1h|IB2
1d|IB2
ud_30_6|IB
30m|IB2
6h|IB2
ud_1_24|KR
1h|KR
1d|KR
ud_30_6|KR
30m|KR
6h|KR


Total missing
300
250
200
150
100
50
0
ud_1_24|IB
1h|IB
1d|IB
ud_30_6|IB
30m|IB
6h|IB
ud_1_24|IB
1h|IB2
1d|IB2
ud_30_6|IB
30m|IB2
6h|IB2
ud_1_24|KR
1h|KR
1d|KR
ud_30_6|KR
30m|KR
6h|KR

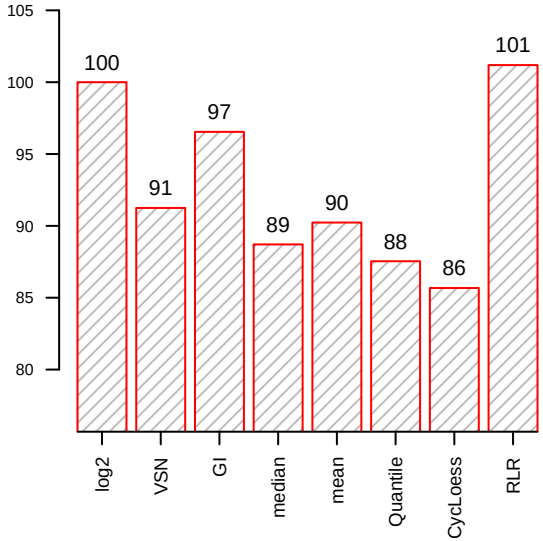

Log2−MDS plot
2
1
0
−1
−2
−1
0
1
2
3


PCV − Intragroup
12
11
10
9
log2
VSN
GI
median
mean
Quantile
CycLoess
RLR

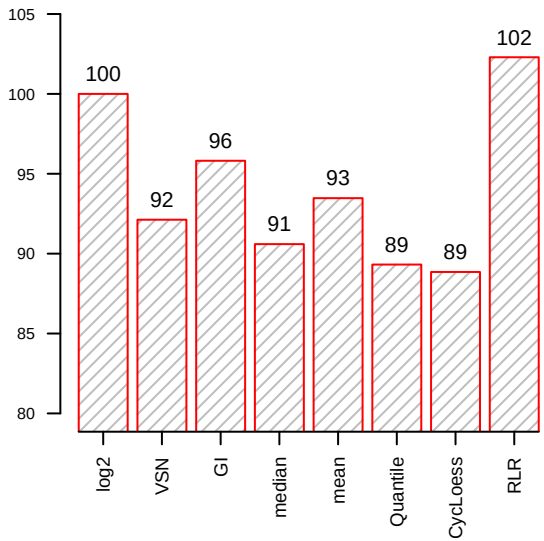

PMAD − Intragroup
0.9
0.8
0.7
0.6
0.5
0.4
log2
VSN
GI
median
mean
Quantile
CycLoess
RLR


PEV − Intragroup
−8
−10
−12
−14
−16
log2
VSN
GI
median
mean
Quantile
CycLoess
RLR

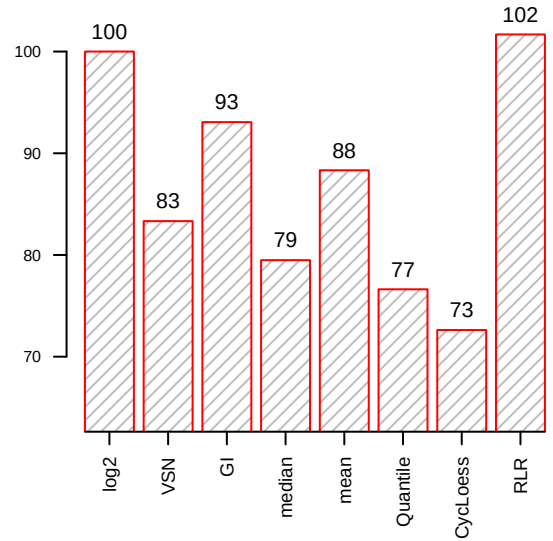
PCV compared to log2



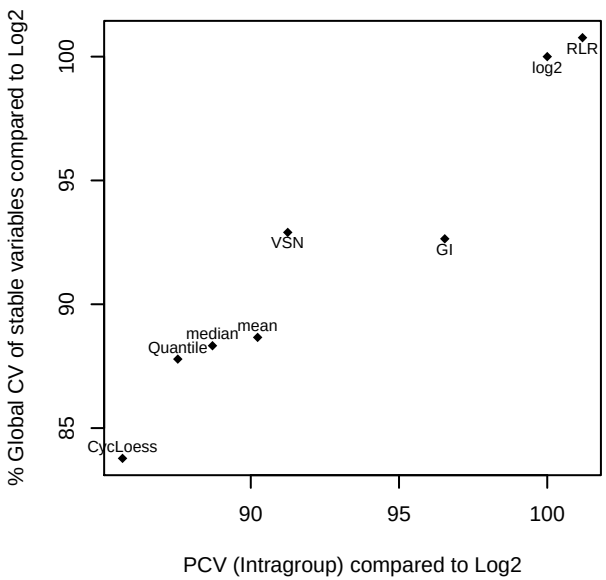
PMAD compared to log2

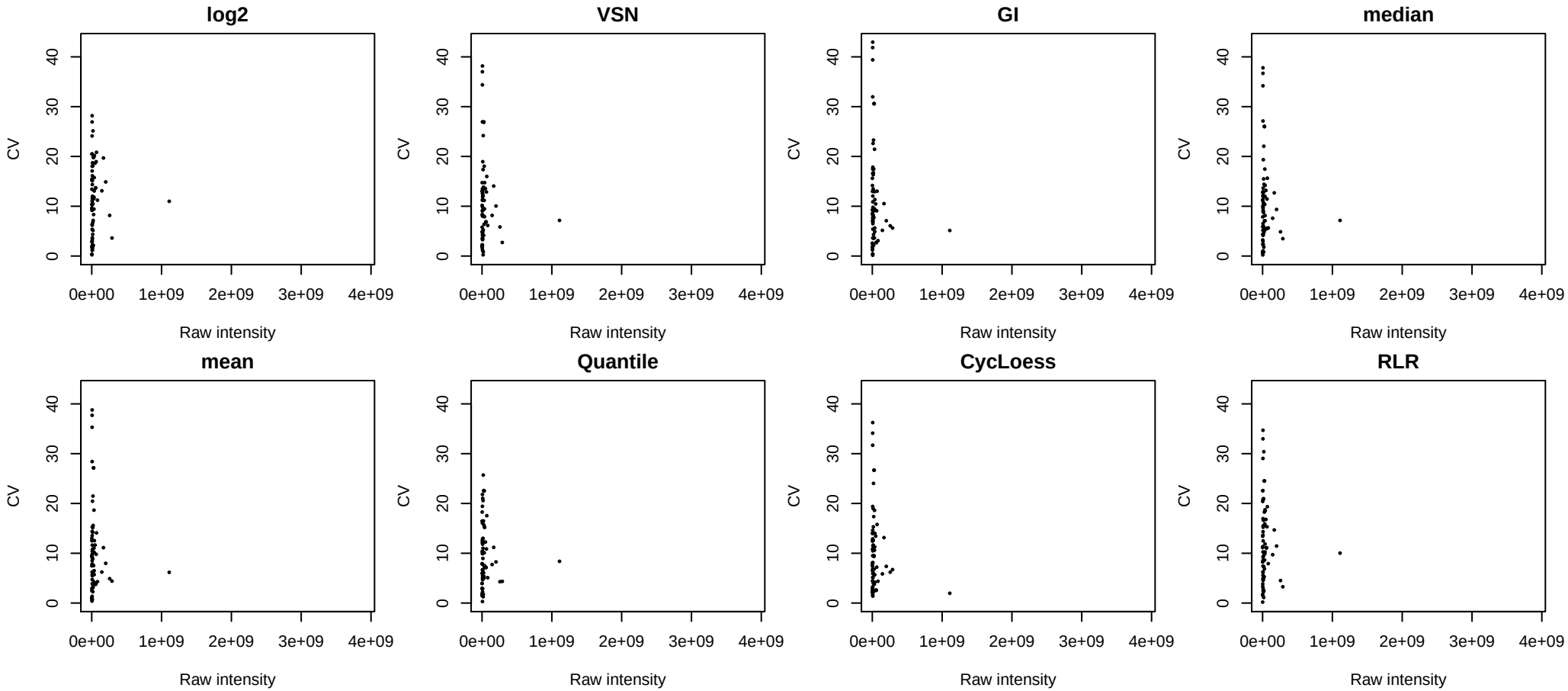


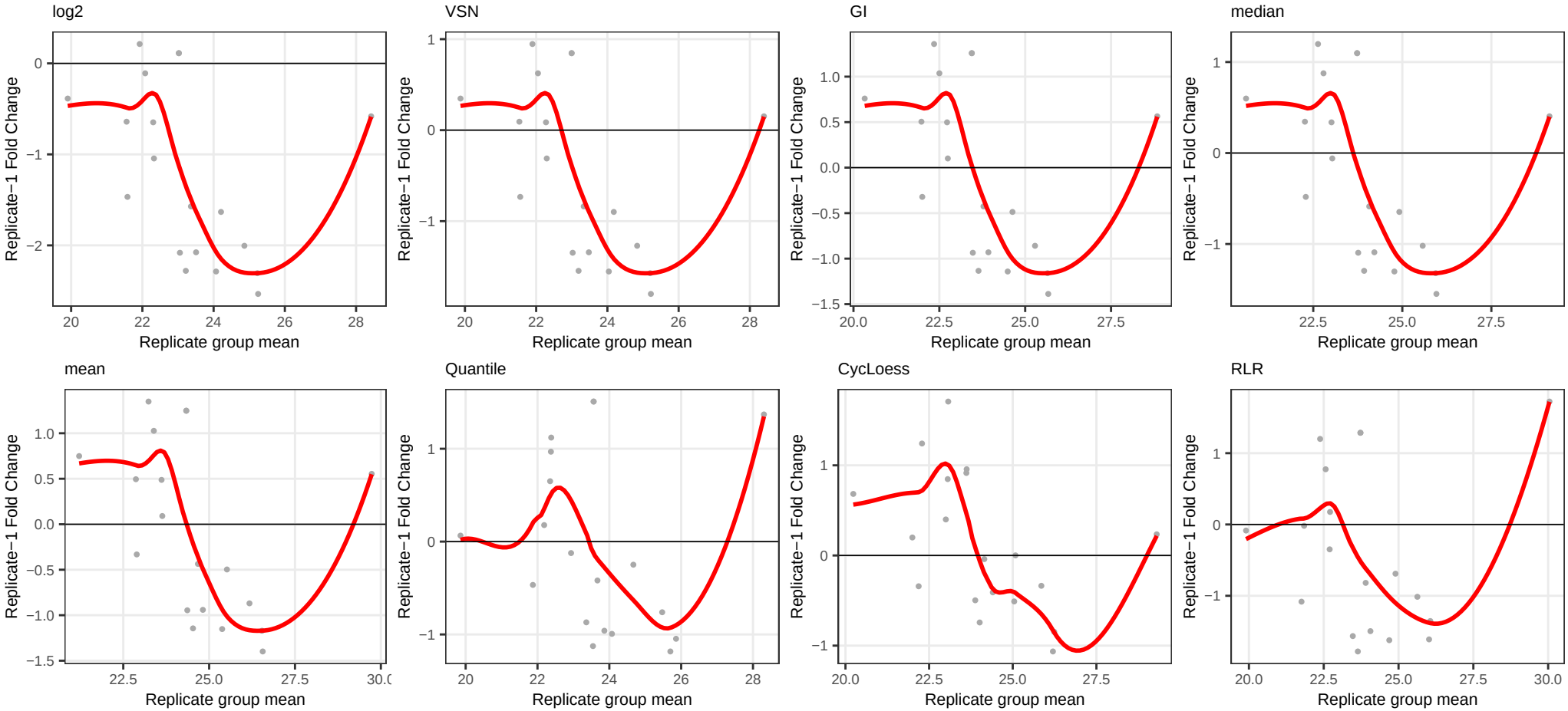
%PEV − compared to log2

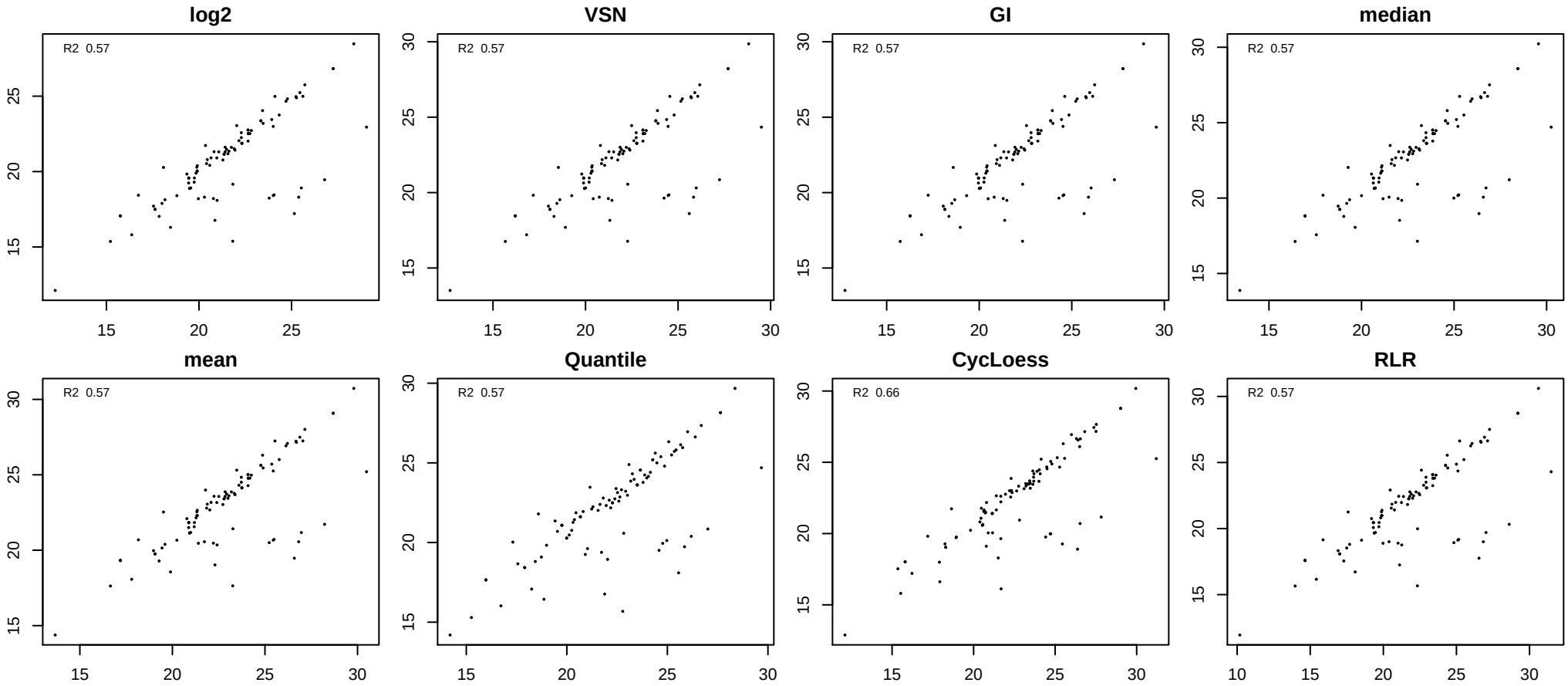


Stable variables plot

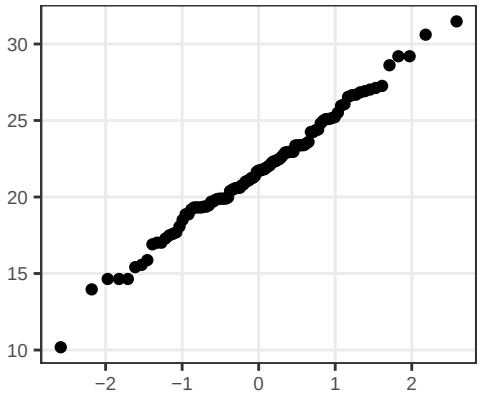



log2
VSN
GI
median
mean
Quantile
CycLoess
RLR
CV
Raw intensity
0
10
20
30
40
0e+00
1e+09
2e+09
3e+09
4e+09

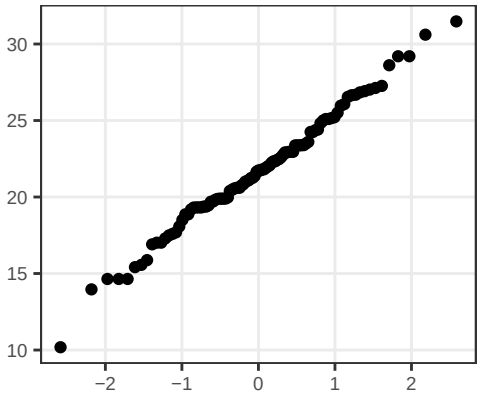

log2
VSN
GI
median
mean
Quantile
CycLoess
RLR
Replicate−1 Fold Change
Replicate group mean


log2
R2 0.57
VSN
R2 0.57
GI
R2 0.57
median
R2 0.57
mean
R2 0.57
Quantile
R2 0.57
CycLoess
R2 0.66
RLR
R2 0.57

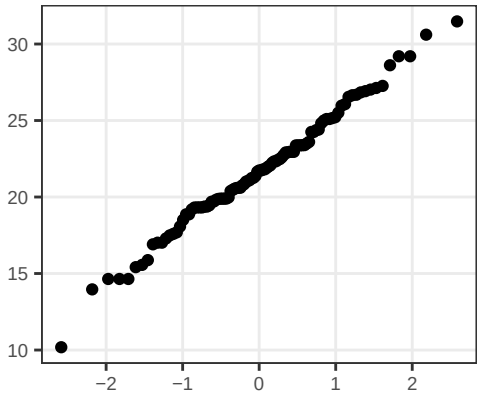
log2



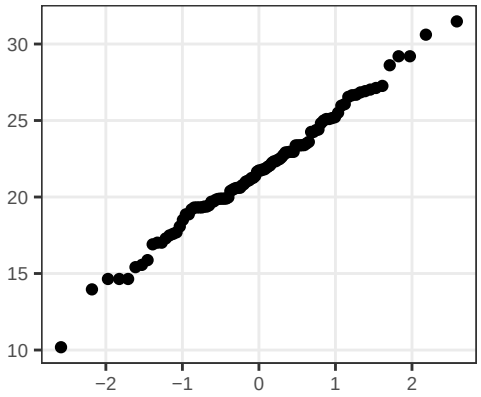
VSN



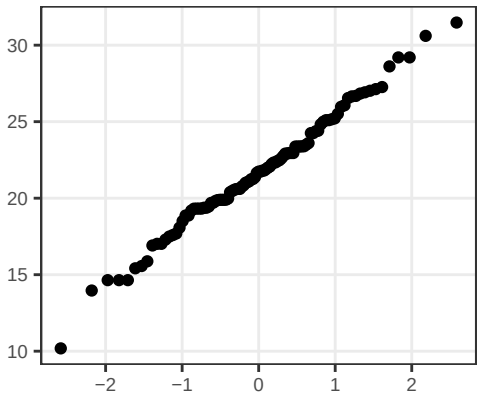
GI



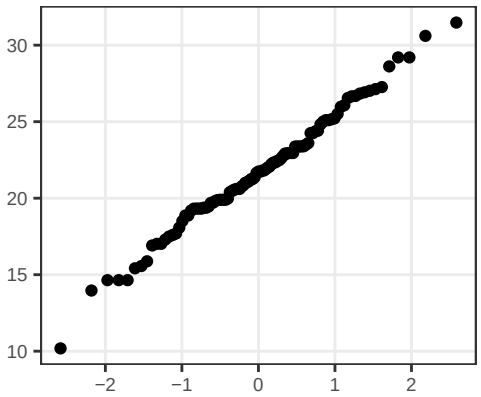
median



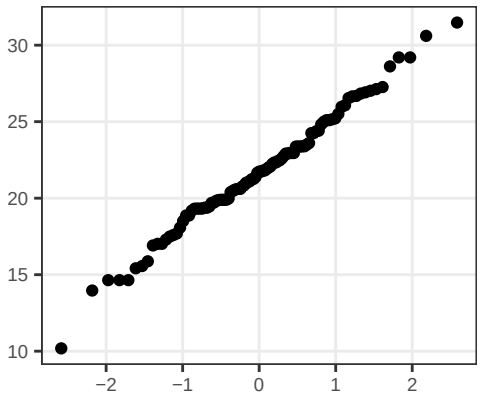
mean



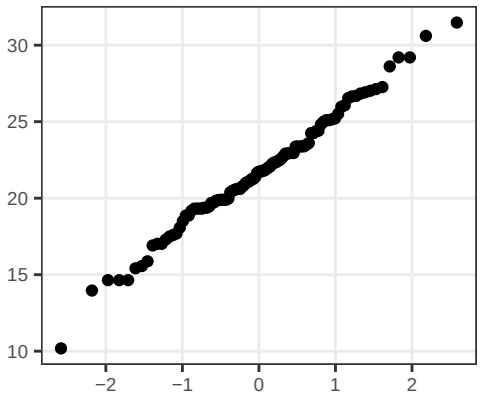
Quantile

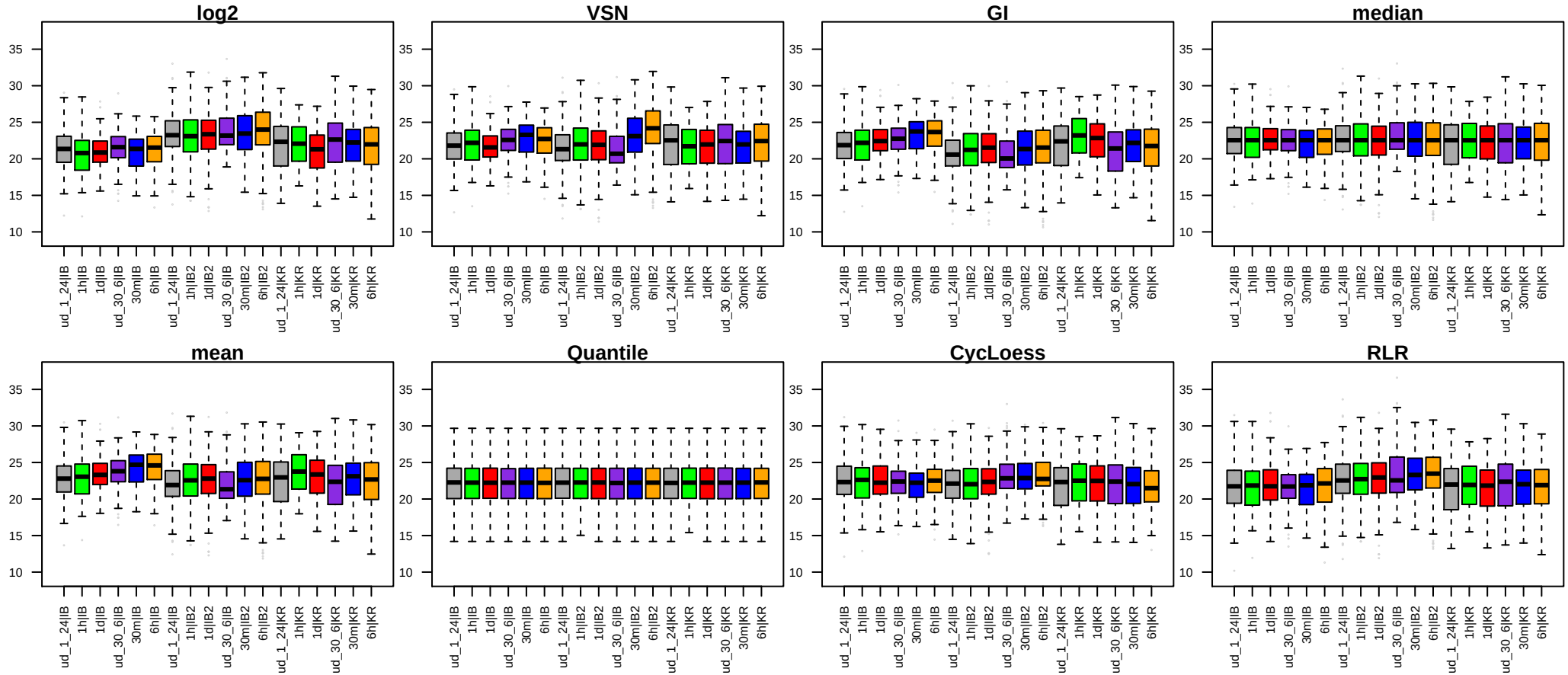


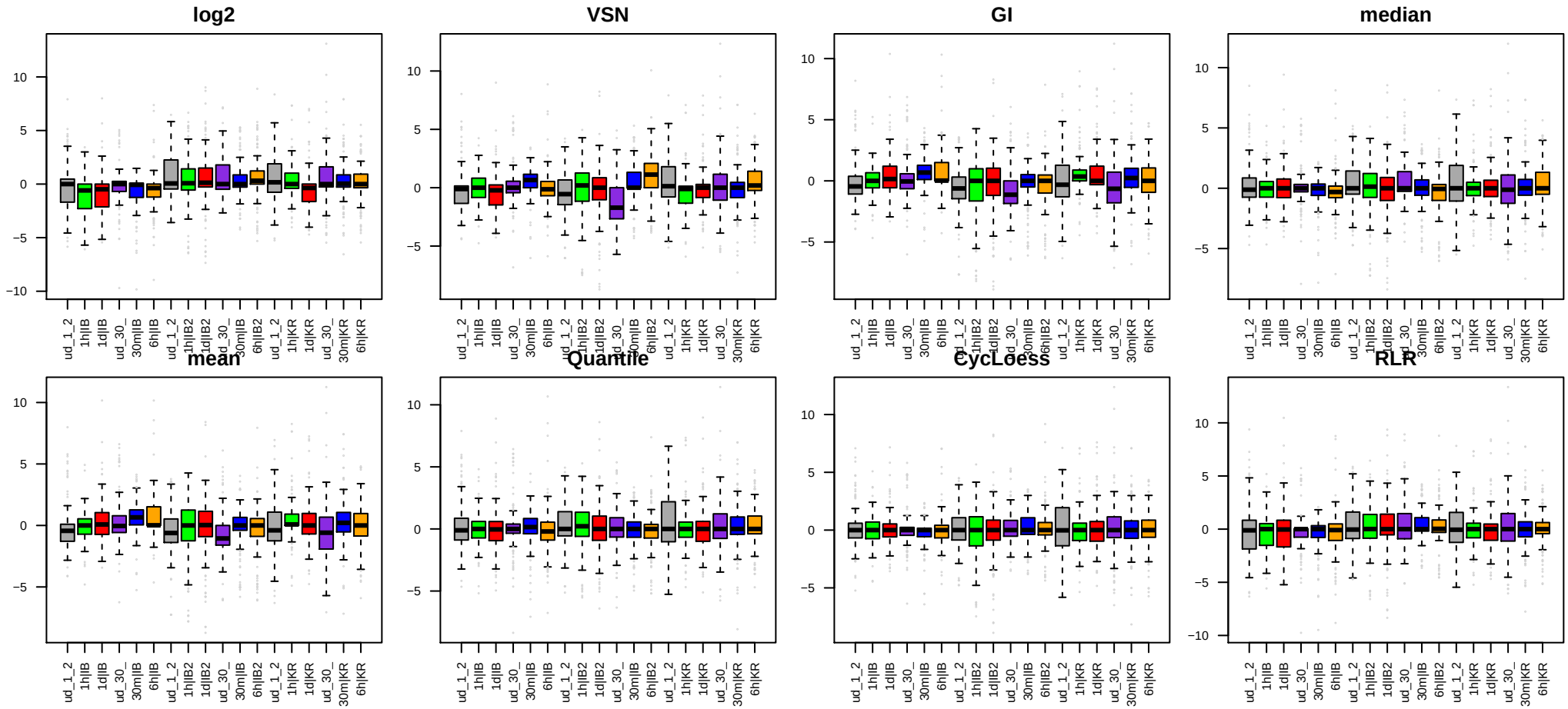
CycLoess



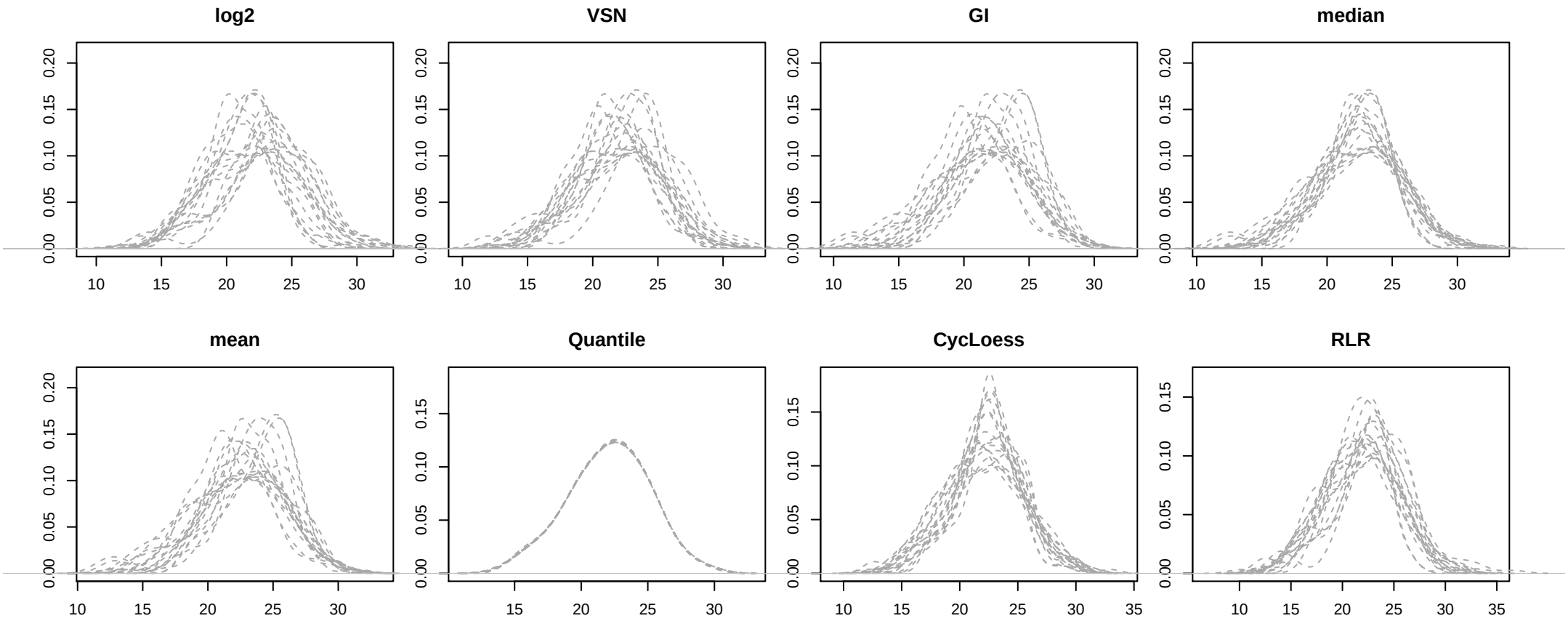
RLR

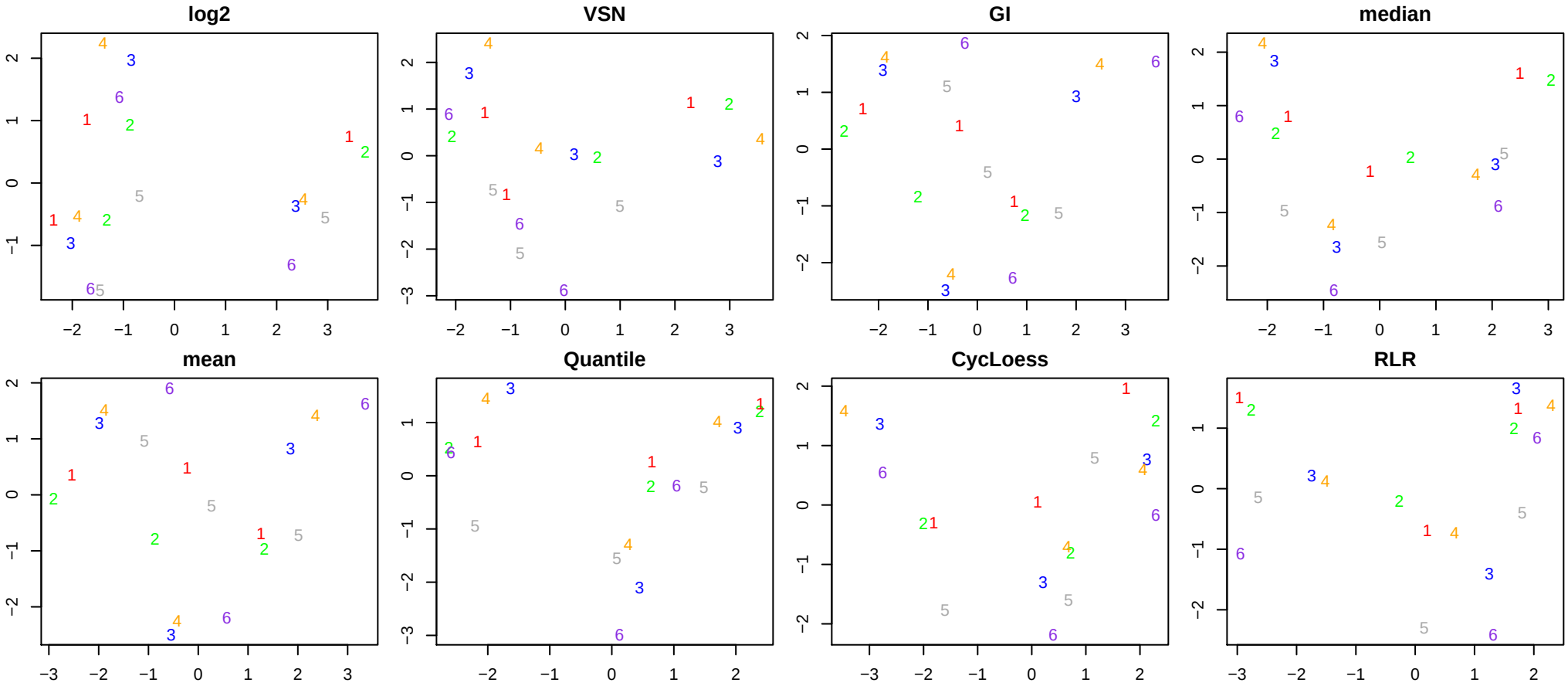



log2
VSN
GI
median
mean
Quantile
CycLoess
RLR
35
30
25
20
15
10
ud_1_24|IB
1h|IB
1d|IB
ud_30_6|IB
30m|IB
6h|IB
ud_1_24|IB2
1h|IB2
1d|IB2
ud_30_6|IB2
30m|IB2
6h|IB2
ud_1_24|KR
1h|KR
1d|KR
ud_30_6|KR
30m|KR
6h|KR

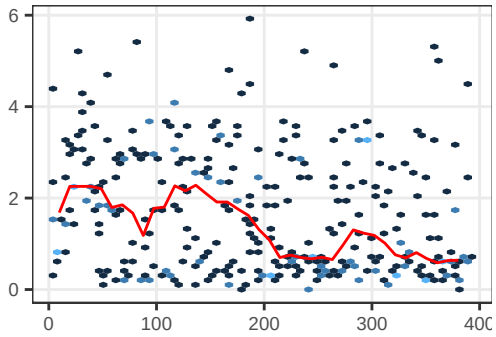

log2
VSN
GI
median
mean
Quantile
CycLoess
RLR
ud_1_2
1h|IB
1d|IB
ud_30_
30m|IB
6h|IB
1h|IB2
1d|IB2
6h|IB2
1h|KR
1d|KR
30m|KR
6h|KR

Density plots

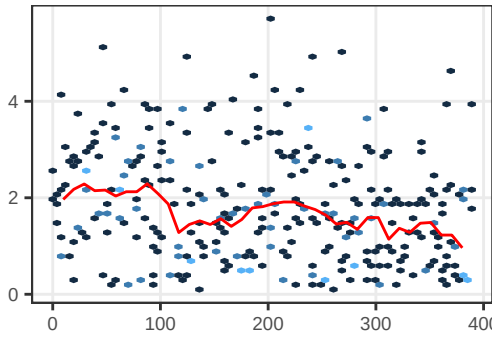



log2
VSN
GI
median
mean
Quantile
CycLoess
RLR

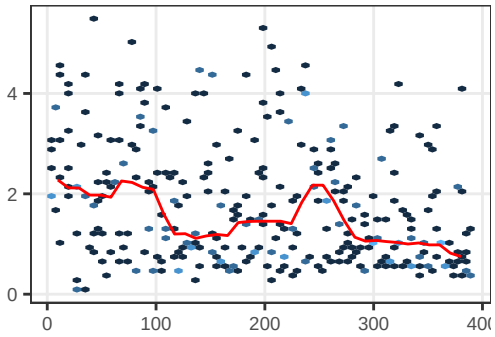
log2



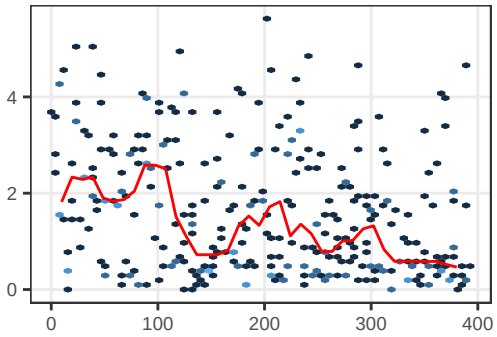
VSN



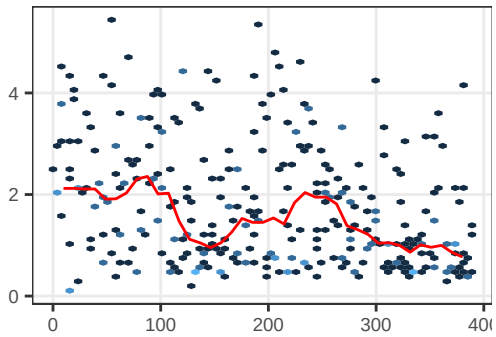
GI



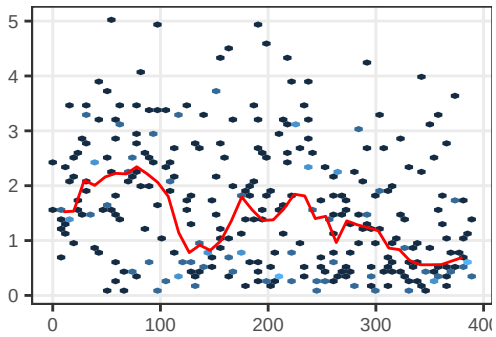
median



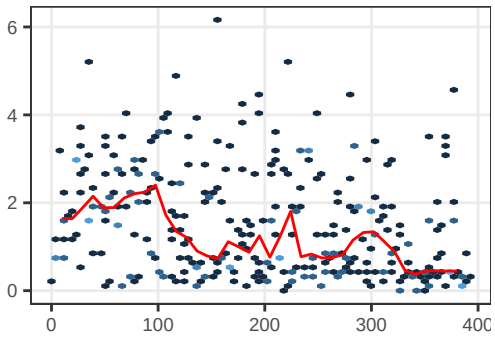
mean



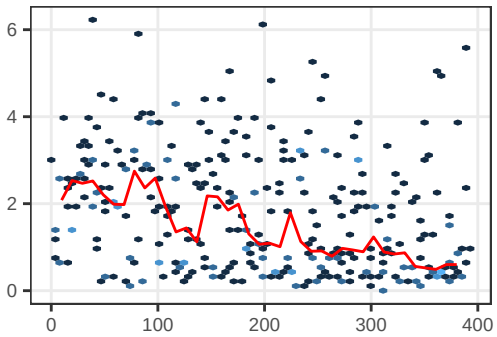
Quantile

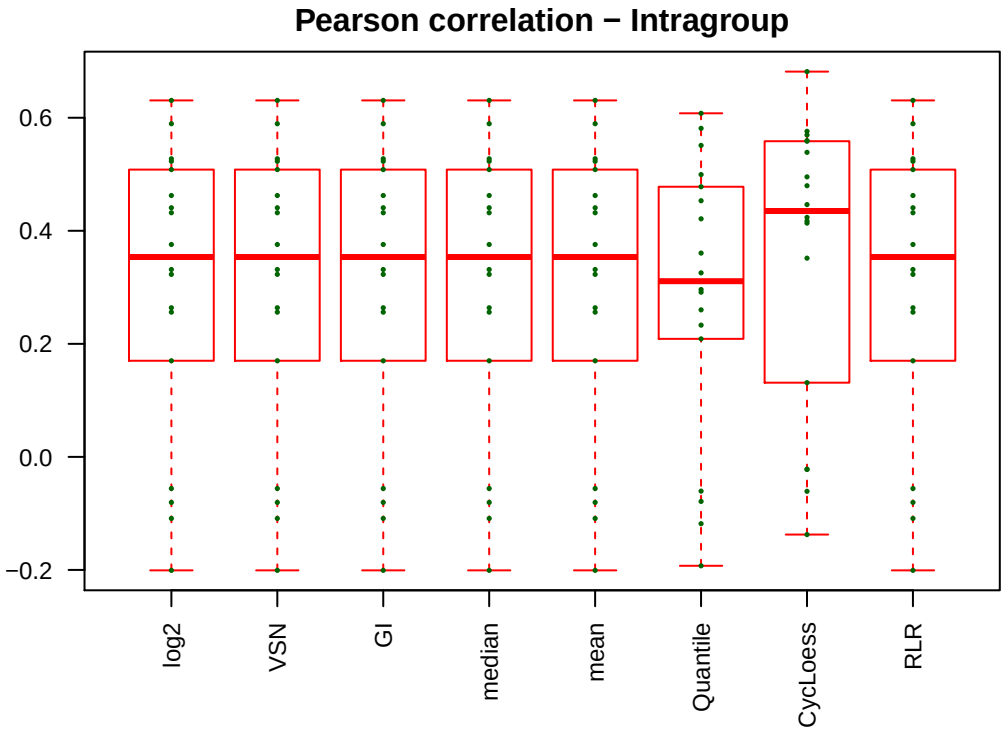


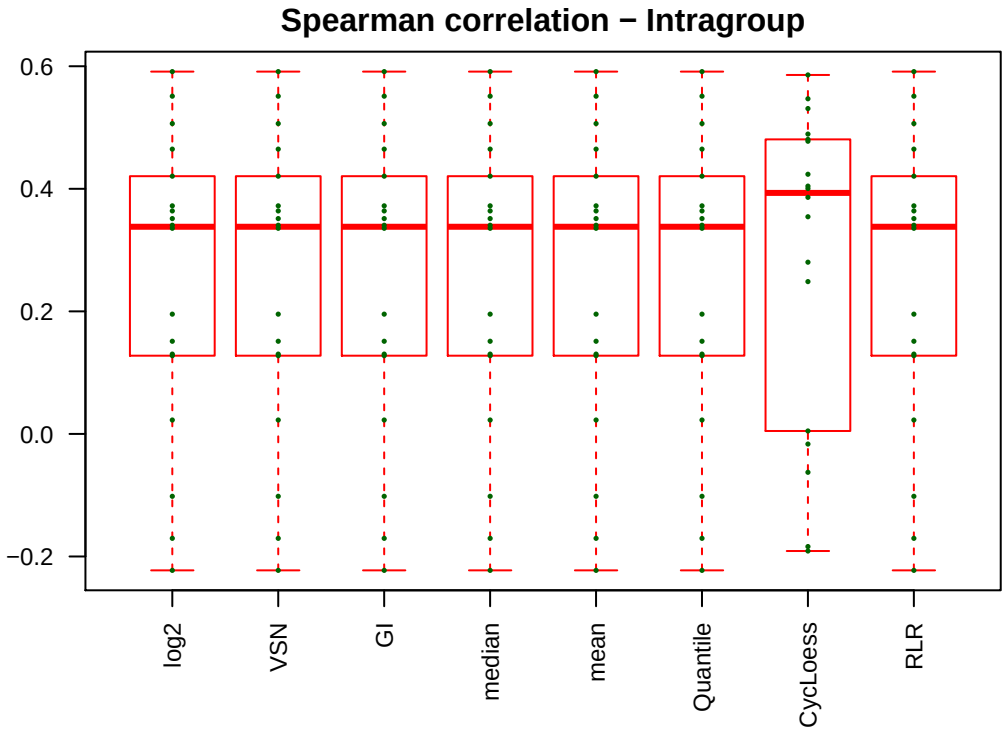
CycLoess



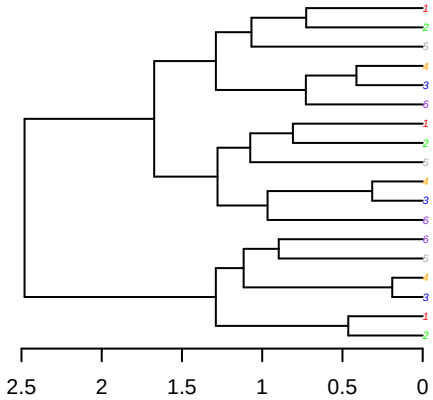
RLR



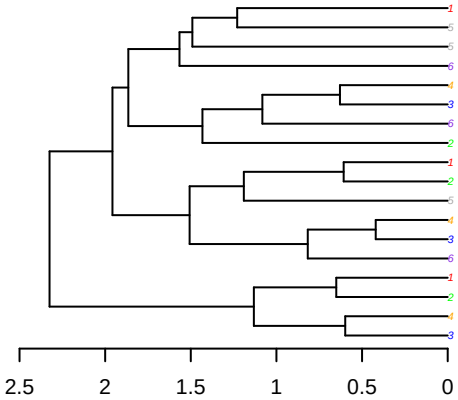

Pearson correlation − Intragroup
0.6
0.4
0.2
0.0
−0.2
log2
VSN
GI
median
mean
Quantile
CycLoess
RLR


Spearman correlation − Intragroup
0.6
0.4
0.2
0.0
−0.2
log2
VSN
GI
median
mean
Quantile
CycLoess
RLR

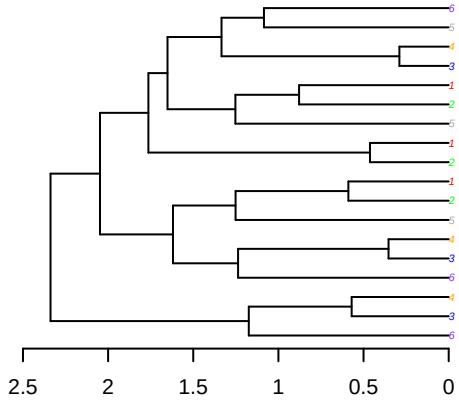
log2



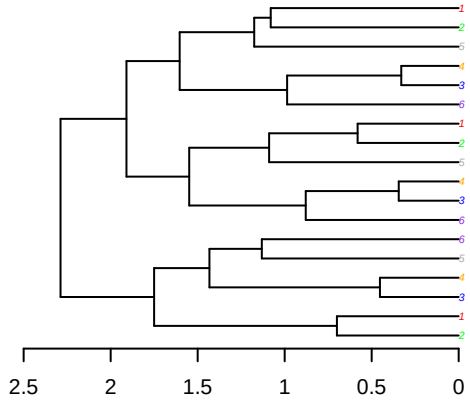
VSN



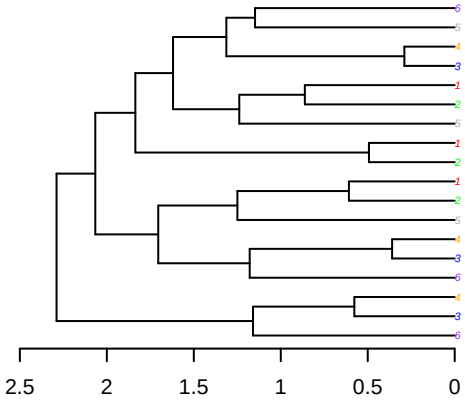
GI



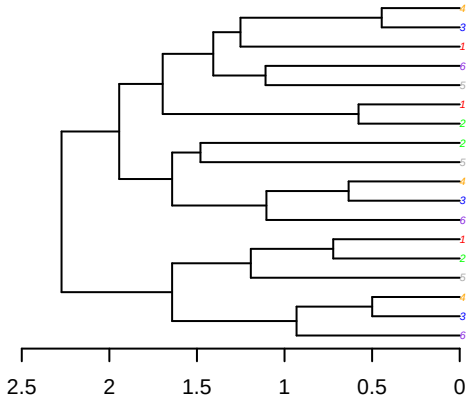
median



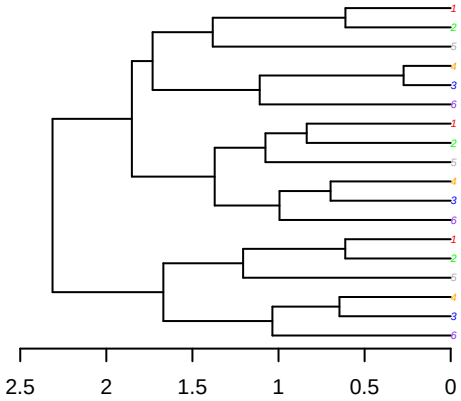
mean



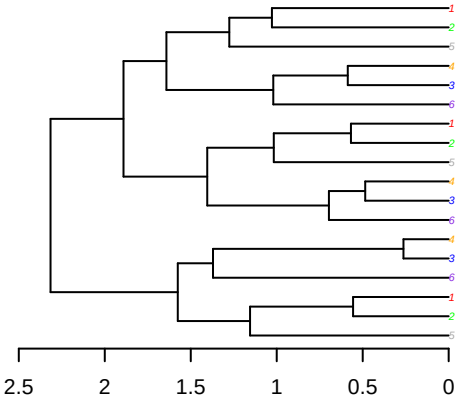
Quantile



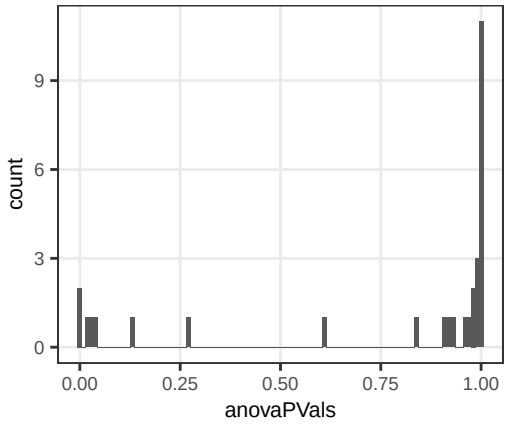
CycLoess



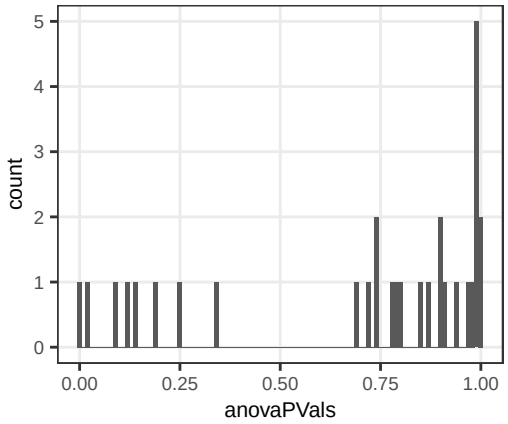
RLR



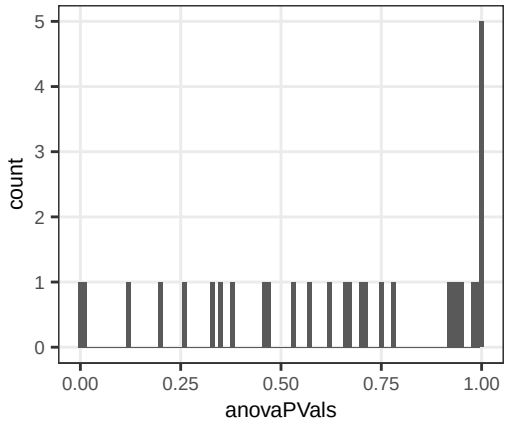
log2



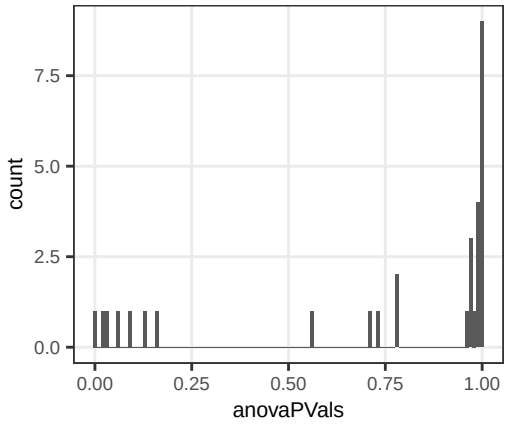
VSN



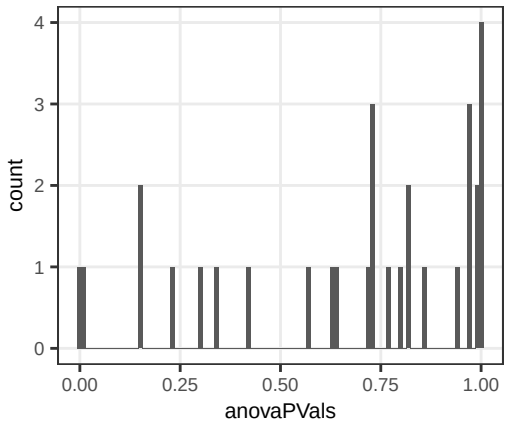
GI



median



mean



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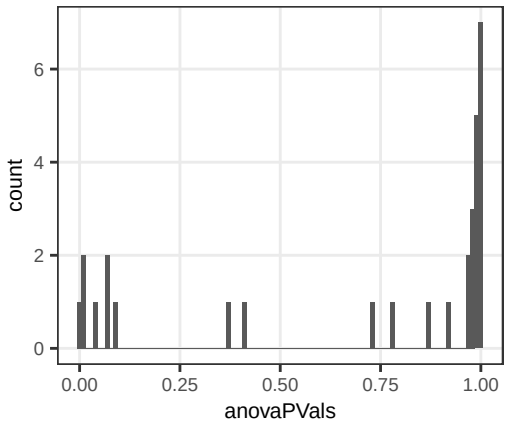

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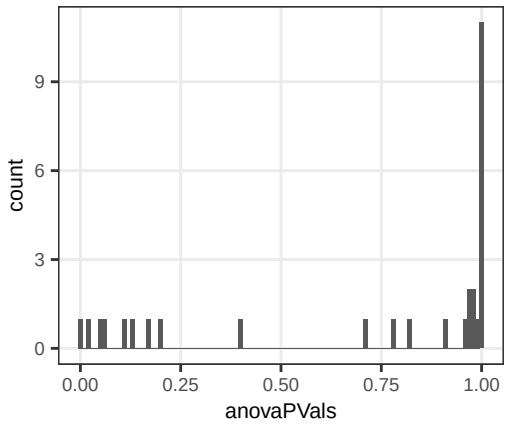
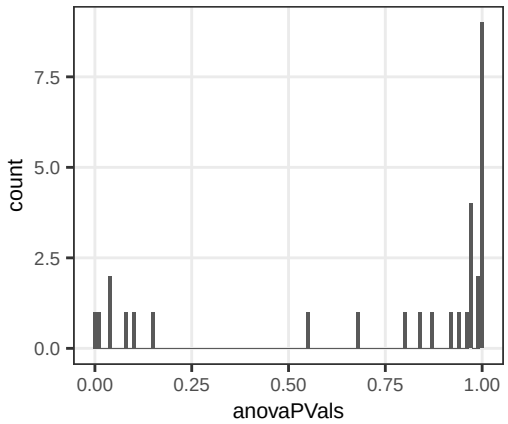
RLR