

Project Name: SD_normalization

NormalizerDE (ver 1.14.0)

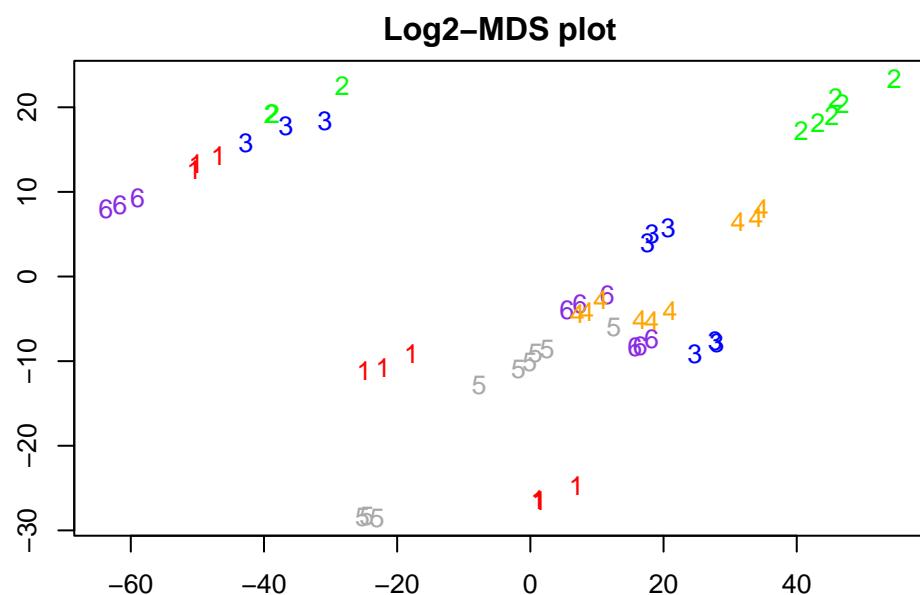
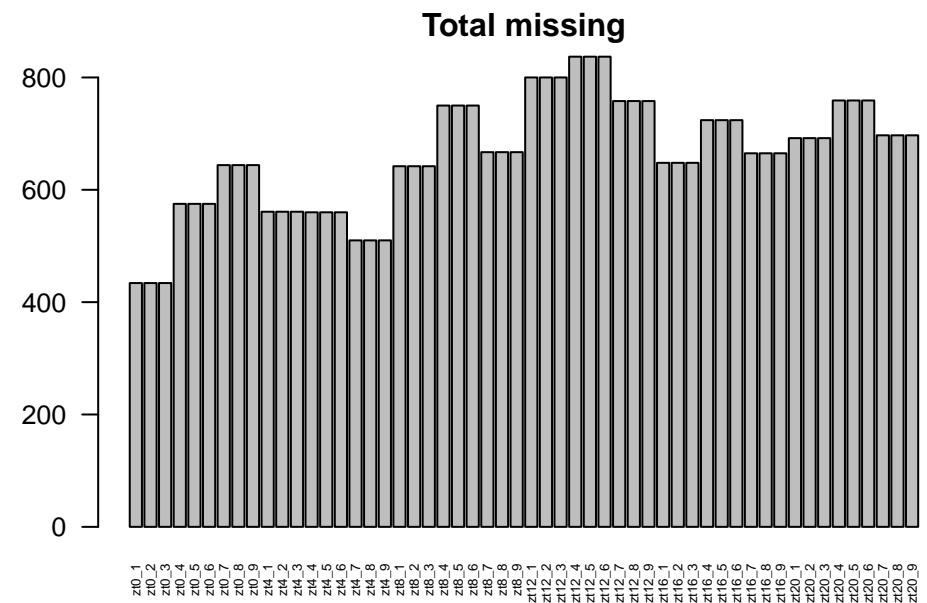
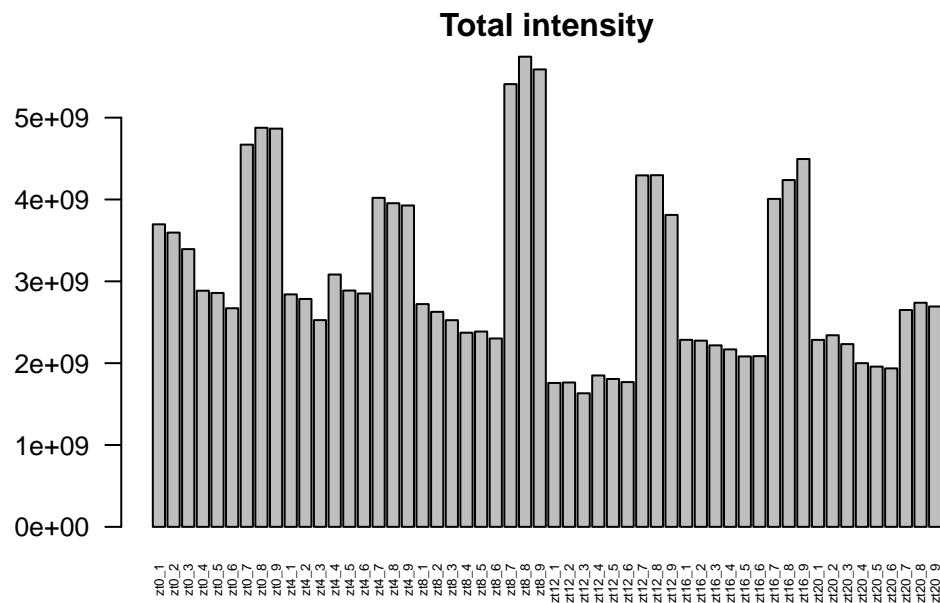
Report created on: 2022-10-21

Citation: NormalizerDE: 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

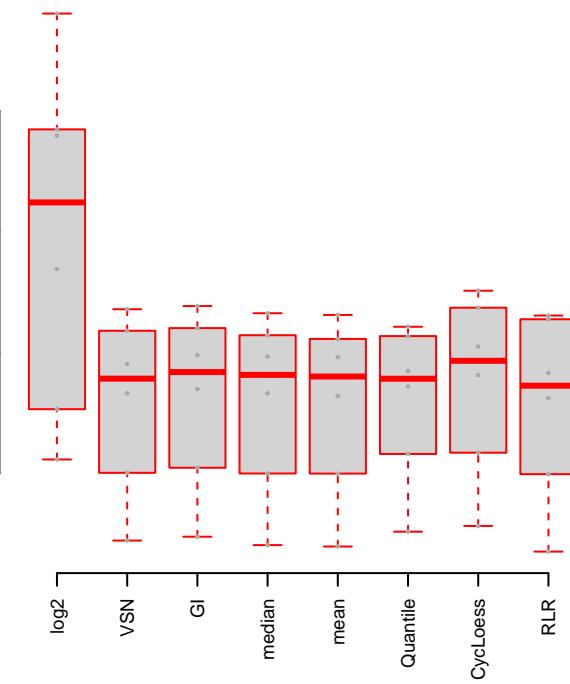
Documentation for analyzing this report can be found at <http://quantitativeproteomics.org/normalizer/help.php>

Group nbr.	Design group	Nbr. samples in cond.
1	zt0	9
2	zt12	9
3	zt16	9
4	zt20	9
5	zt4	9
6	zt8	9

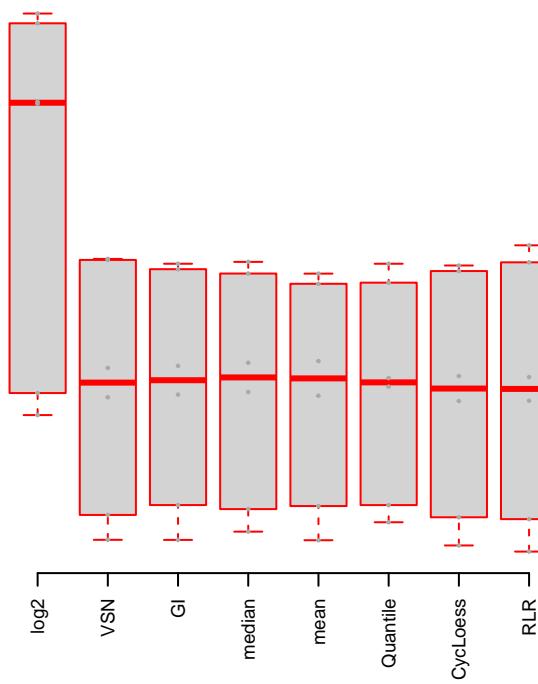
Please note that the grouping only impacts evaluation measures and visuals seen in the report, they do not impact the performed normalizations.



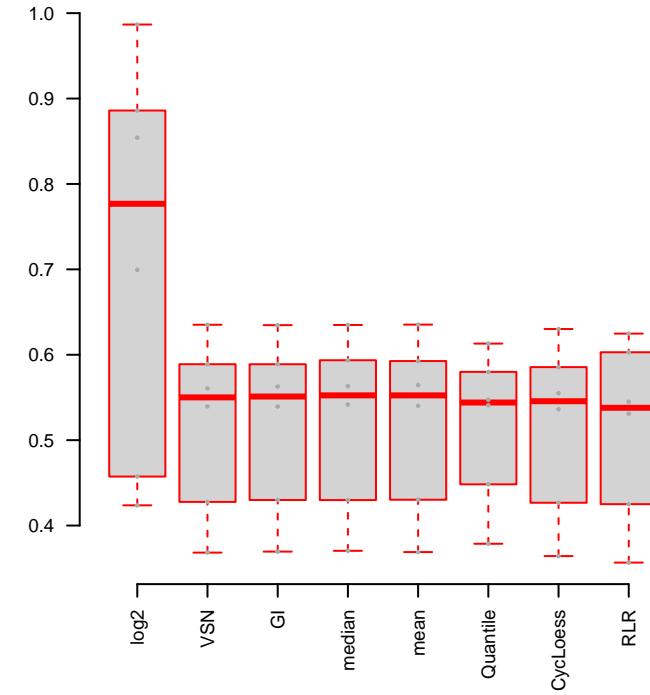
PCV – Intragroup



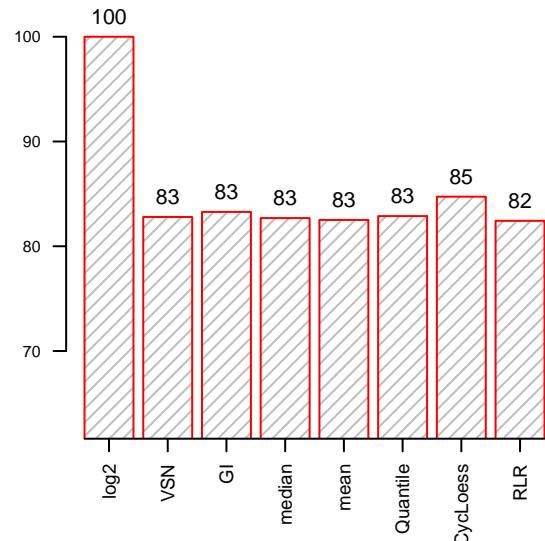
PMAD – Intragroup



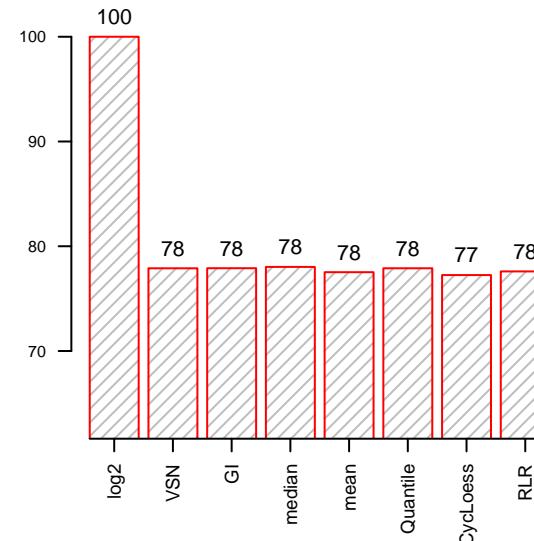
PEV – Intragroup



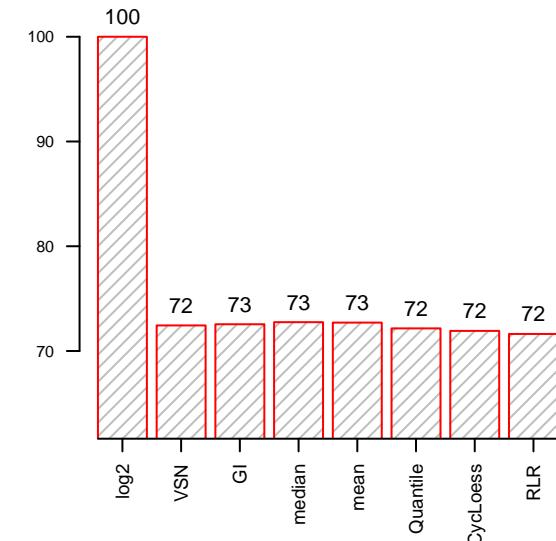
PCV compared to log2



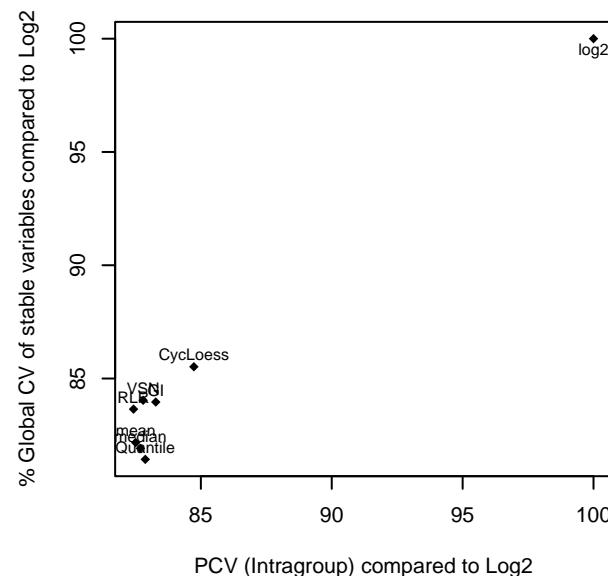
PMAD compared to log2

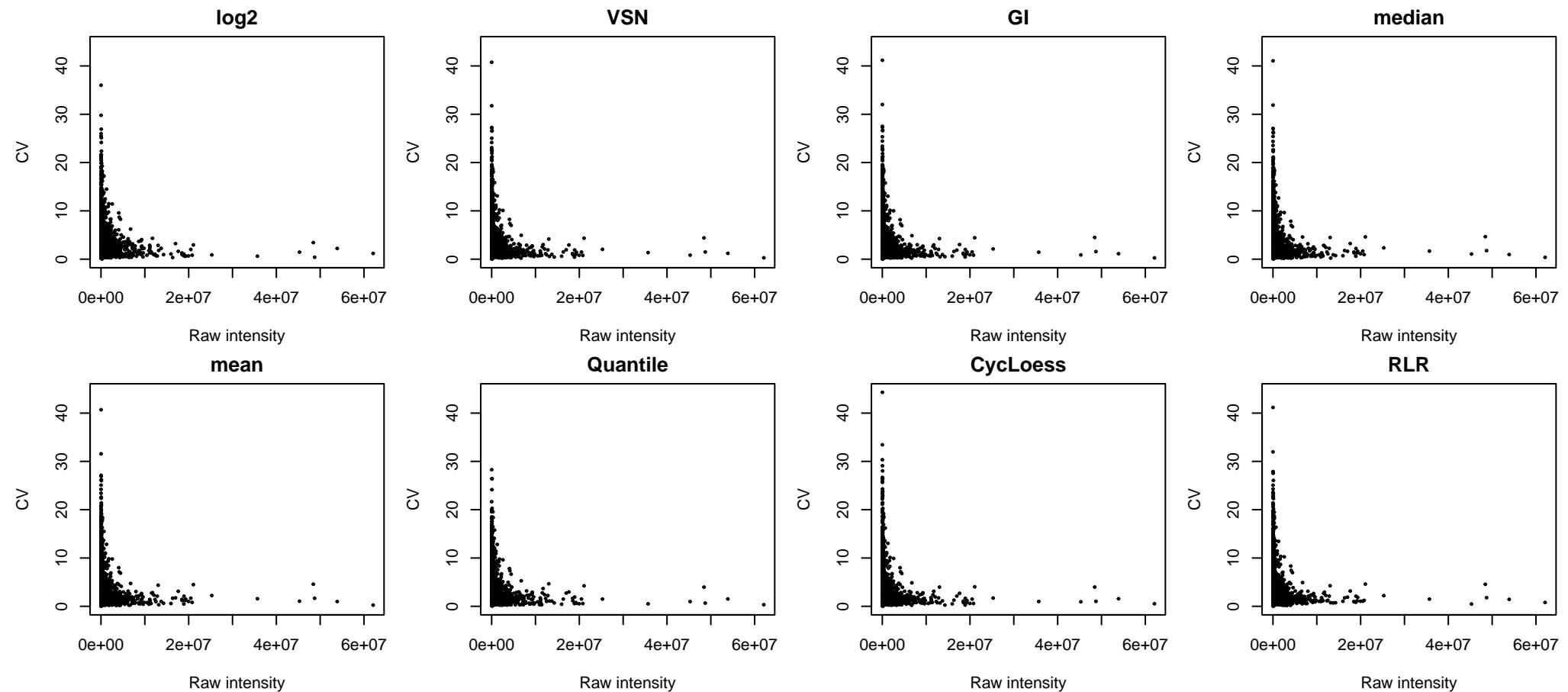


%PEV – compared to log2



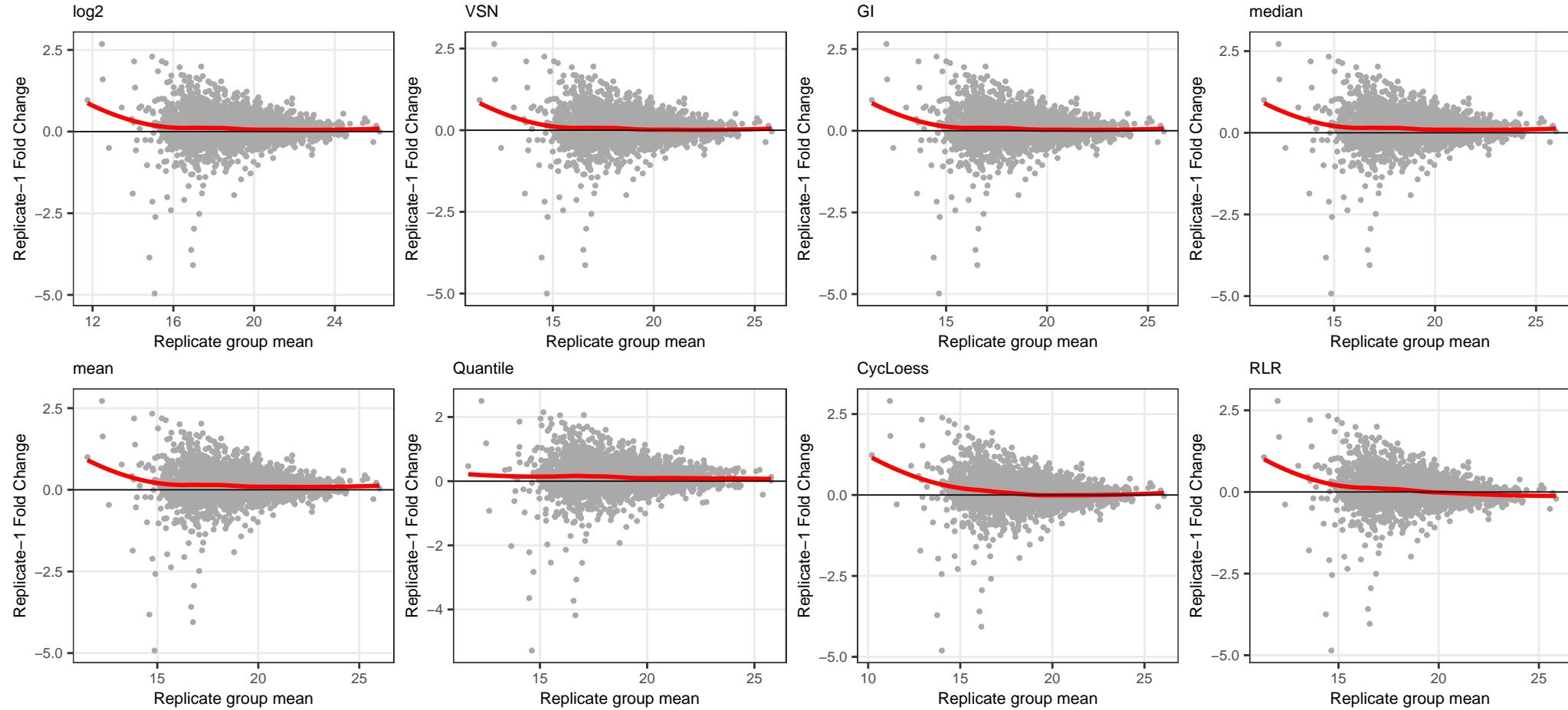
Stable variables plot

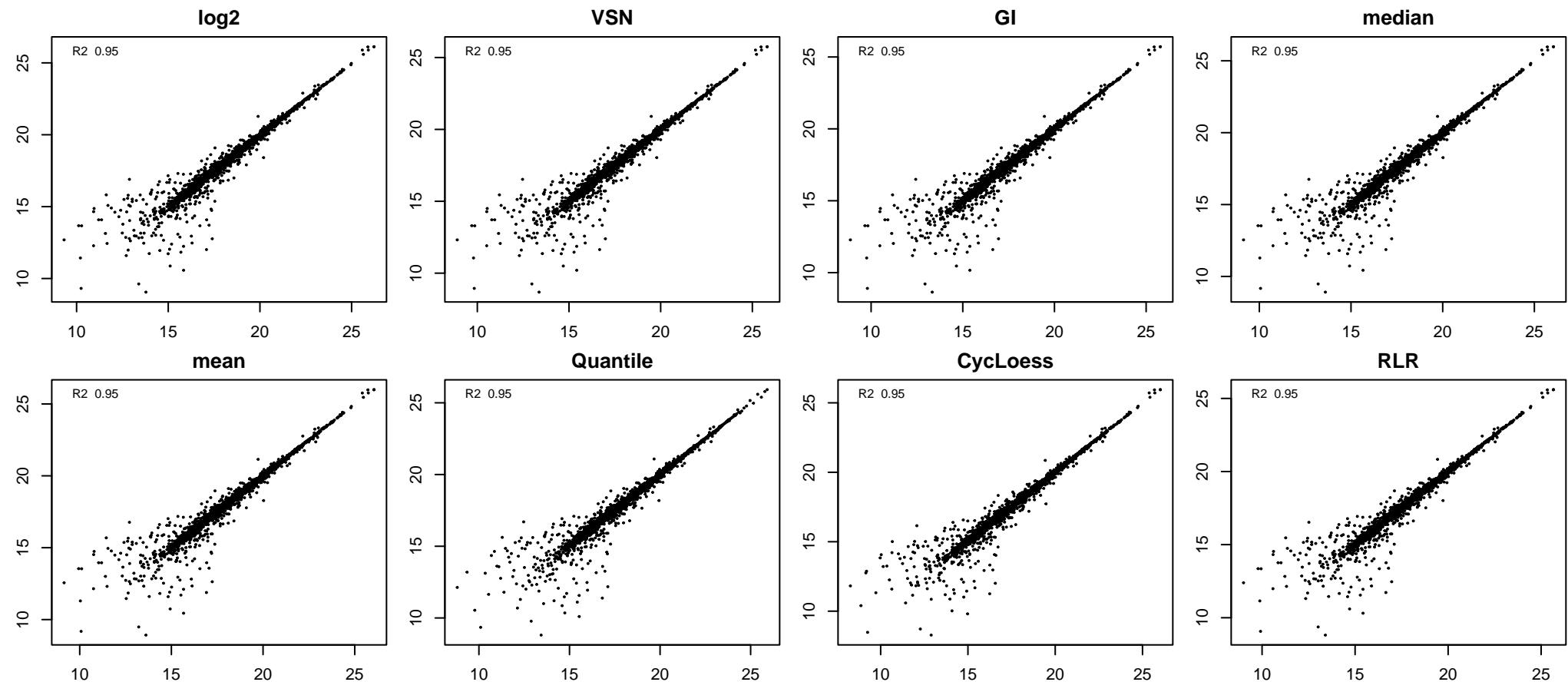




MA plots

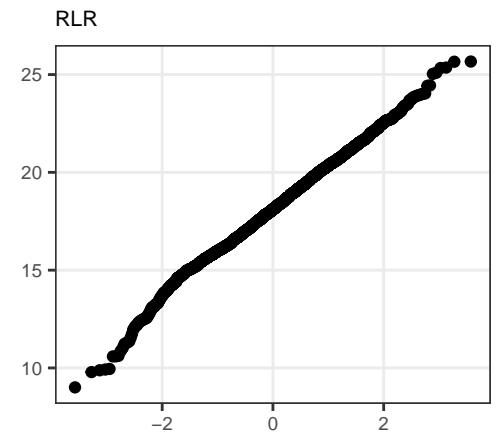
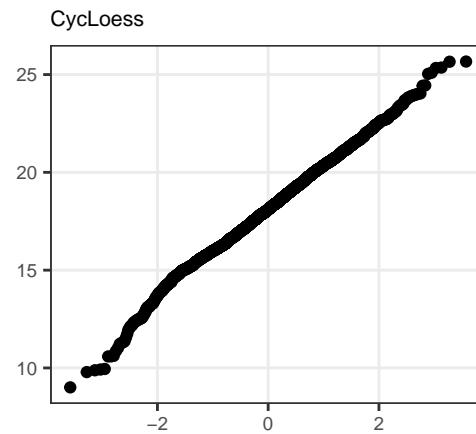
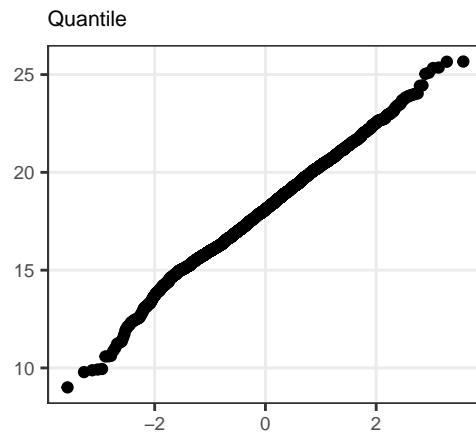
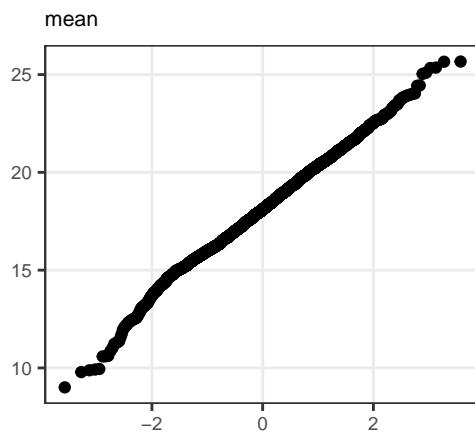
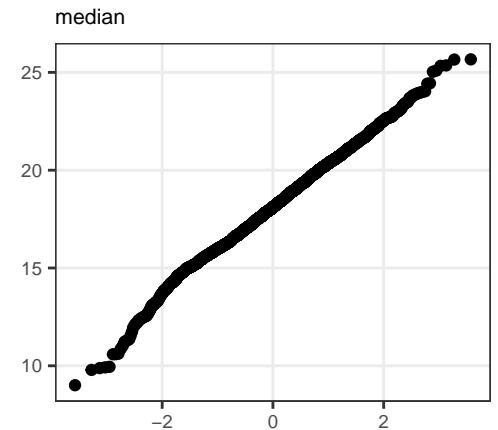
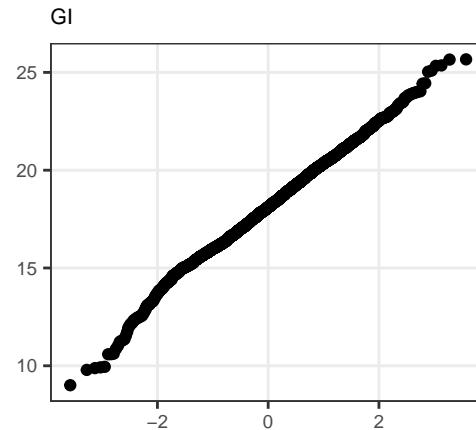
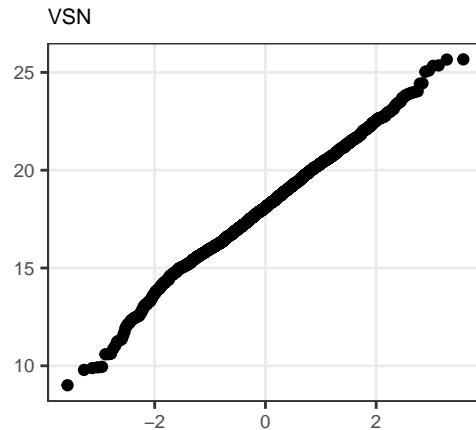
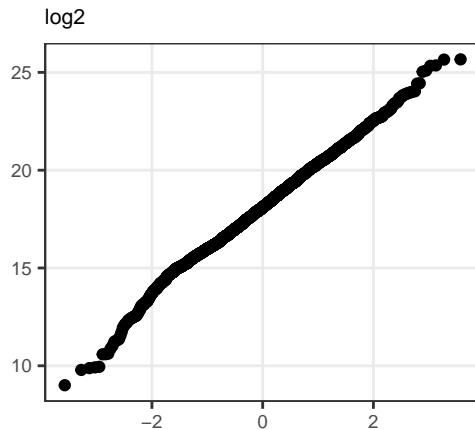
NormalizerDE Report

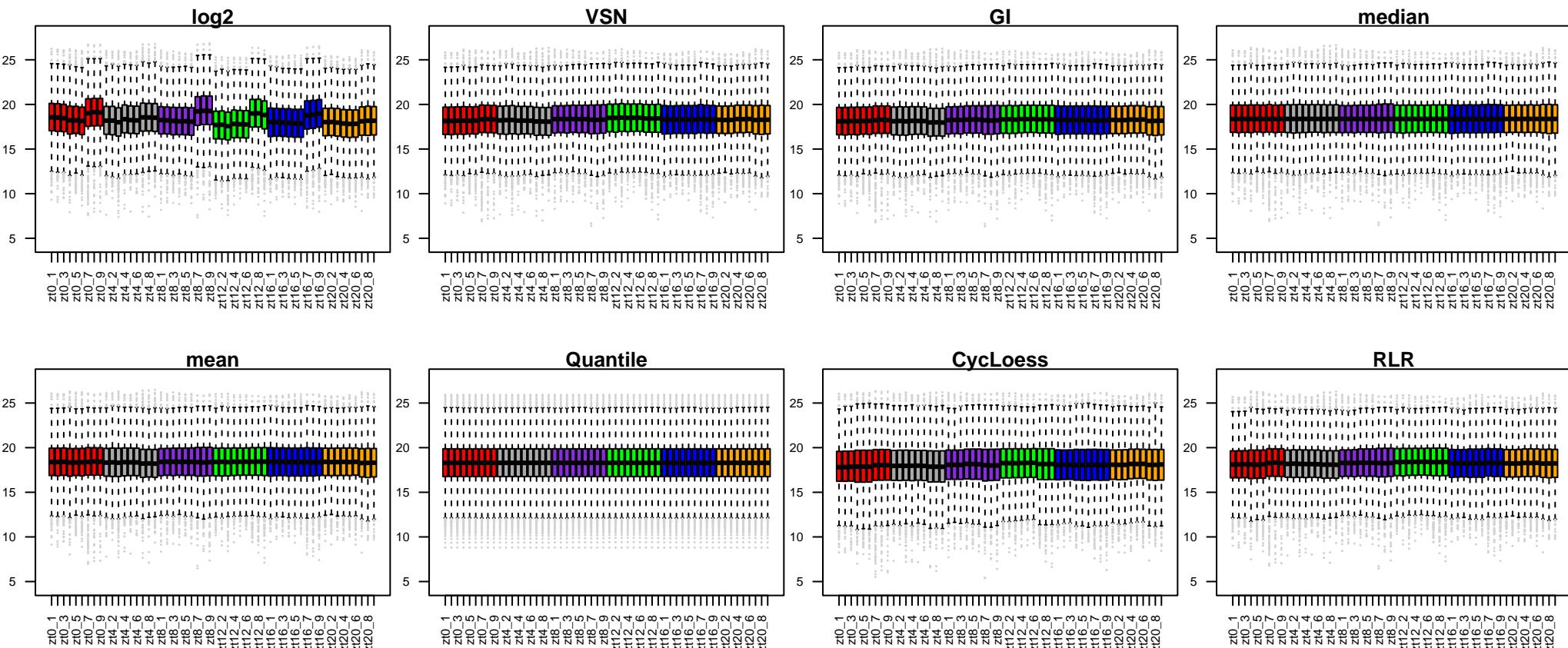


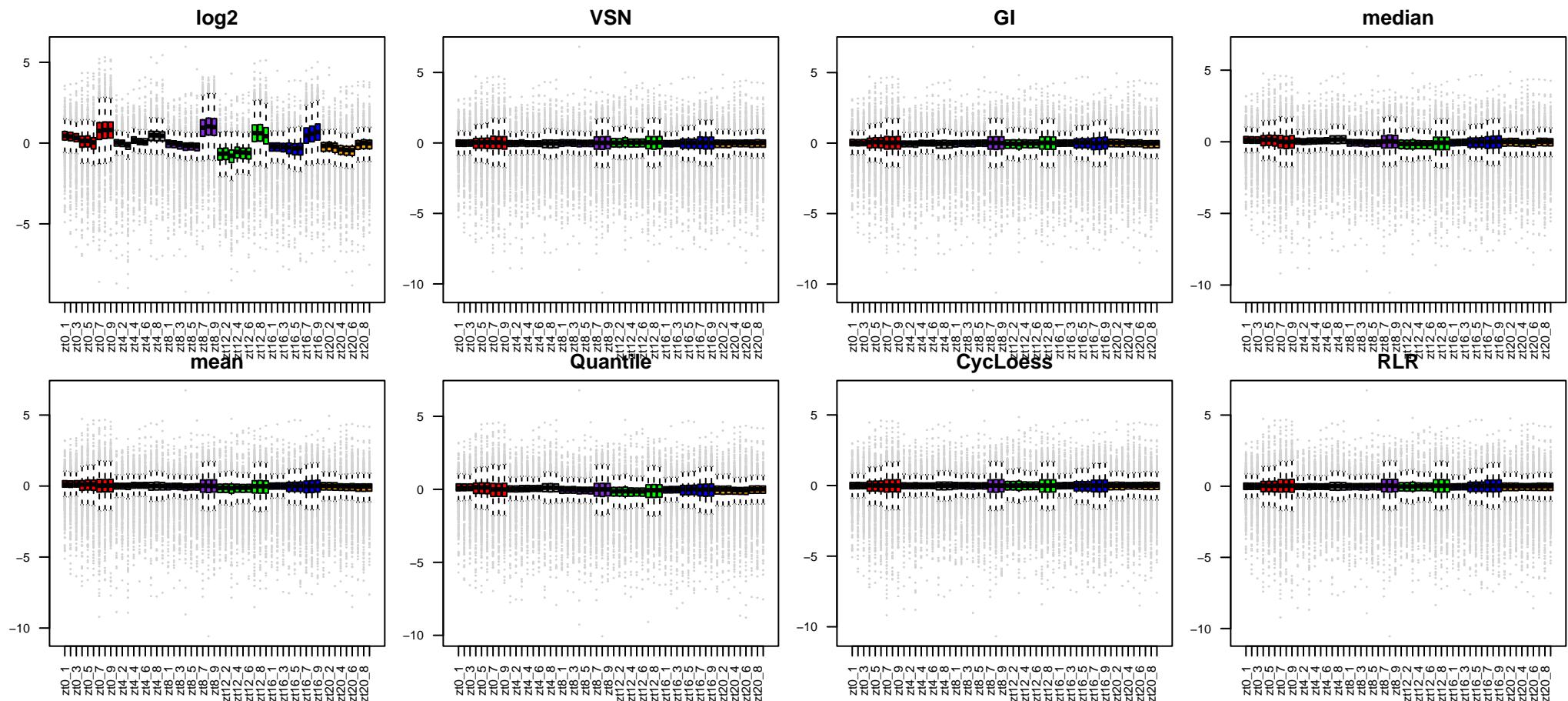


Q-Q plots

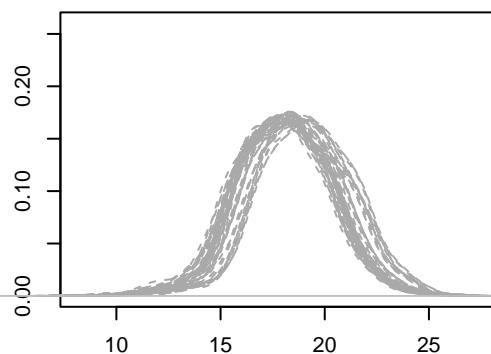
NormalizerDE Report



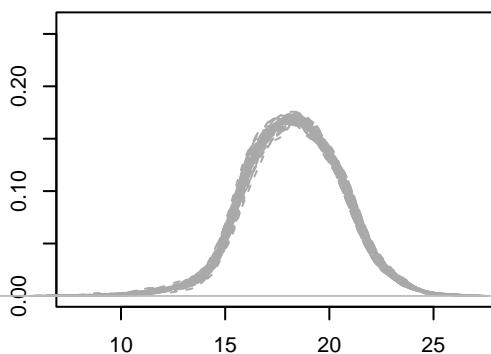




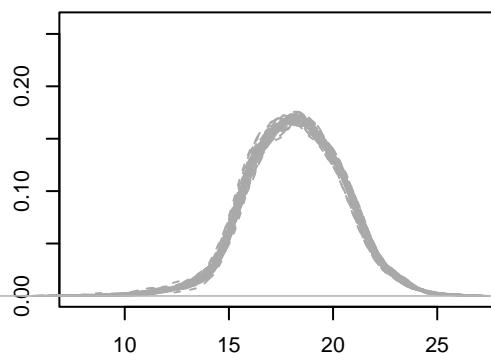
log2



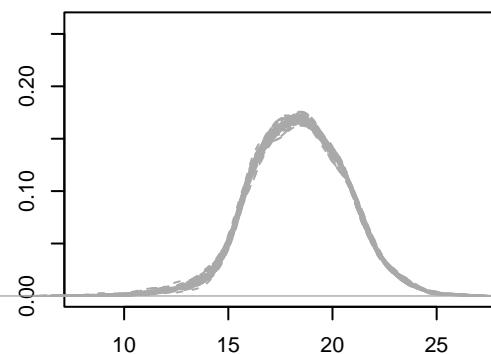
VSN



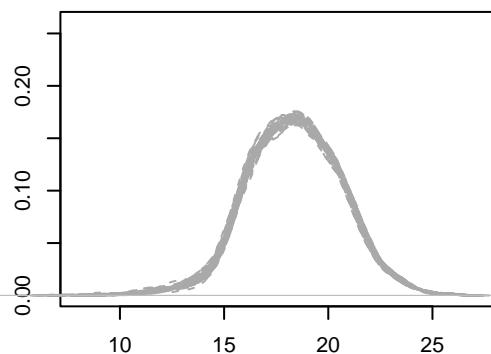
GI



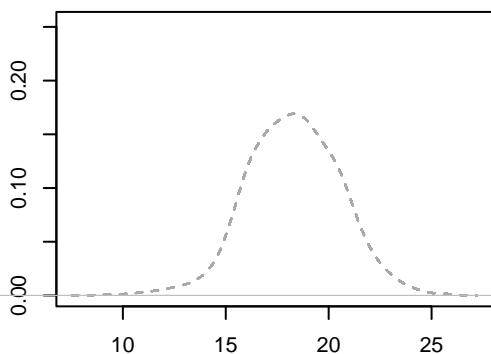
median



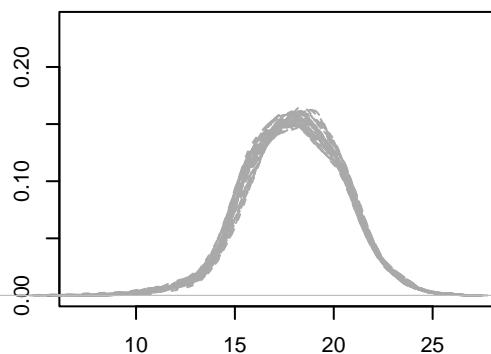
mean



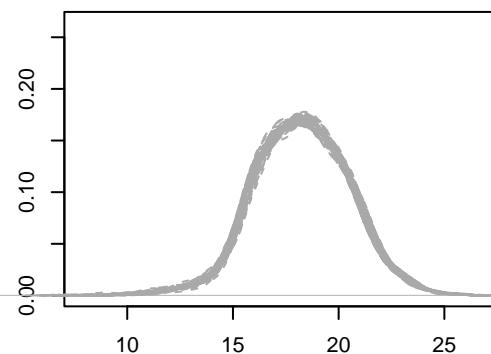
Quantile

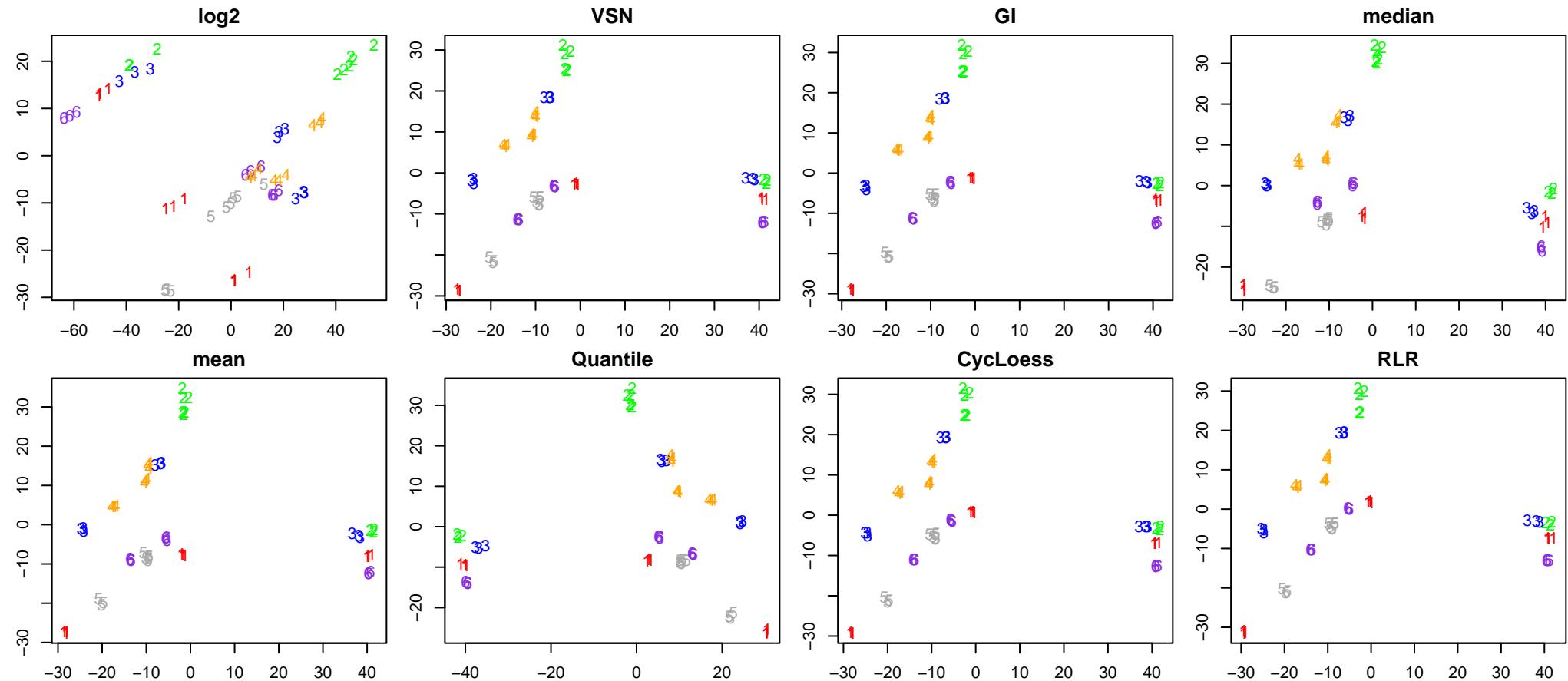


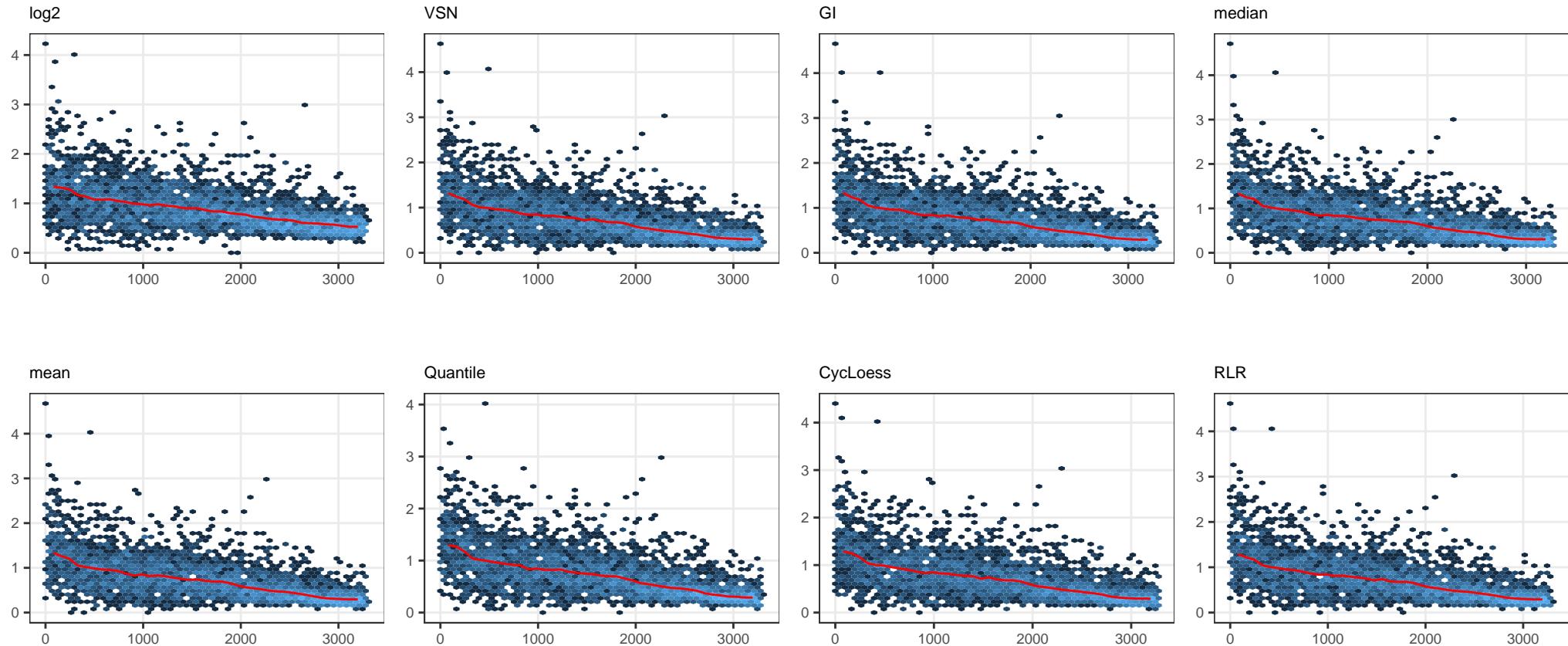
CycLoess



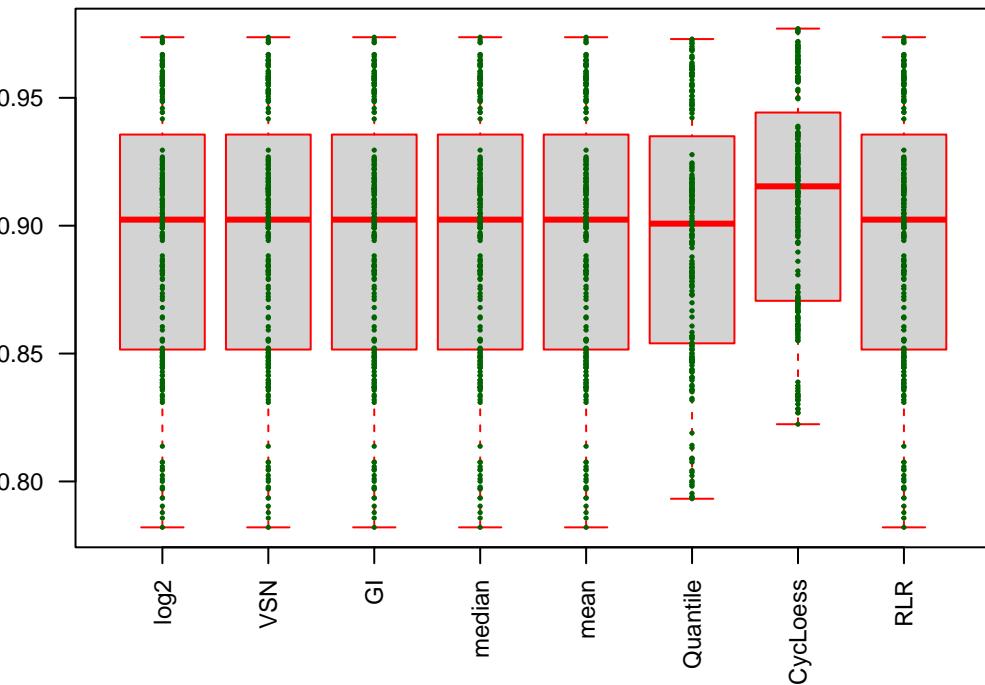
RLR







Pearson correlation – Intragroup



Spearman correlation – Intragroup

