Project Name: 2024–04–16\_msp-ms\_normalyze\_output

## NormalyzerDE (ver 1.19.7)

Report created on: 2024-04-16

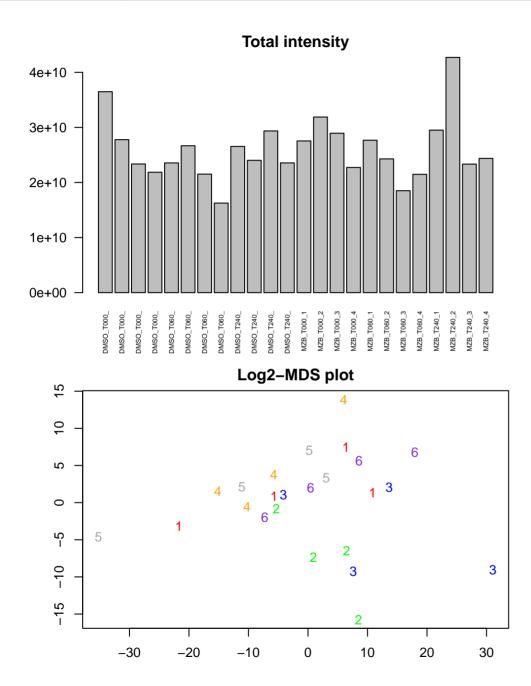
Citation: NormalyzerDE: Online Tool for Improved Normalization of Omics Expression Data and High–Sensitivity Differential Expression Analysis

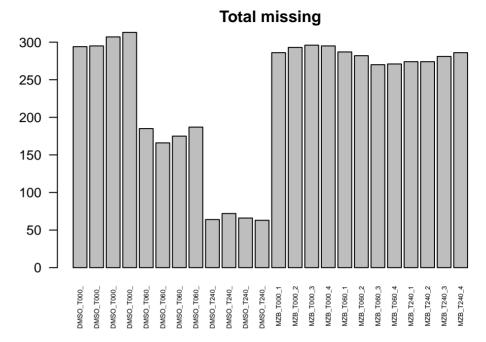
Journal of Proteome Research (2018), 10.1021/acs.jproteome.8b00523

Sample setup NormalyzerDE Report

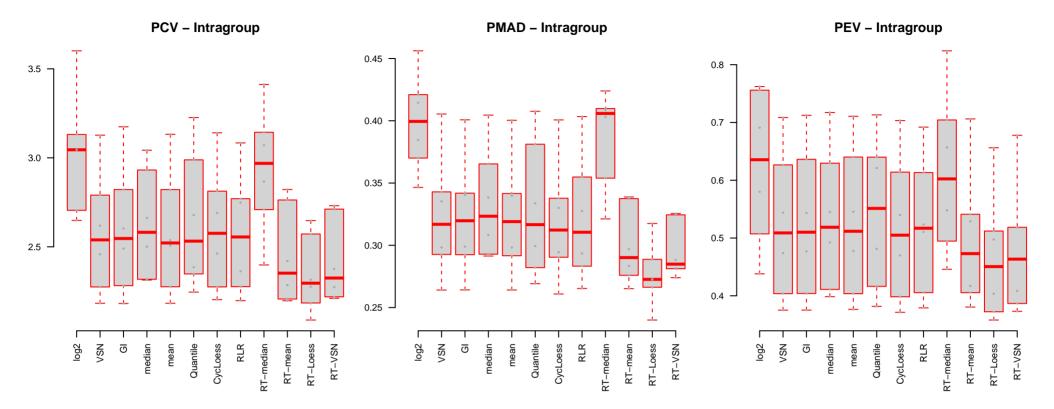
Group nbr.	Design group	Nbr. samples in cond.
1 2 3 4 5 6	DMSO_T0 DMSO_T240 DMSO_T60 MZB_T0 MZB_T240 MZB_T60	4 4 4 4 4

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

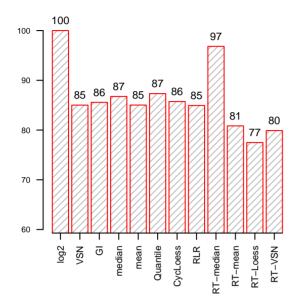




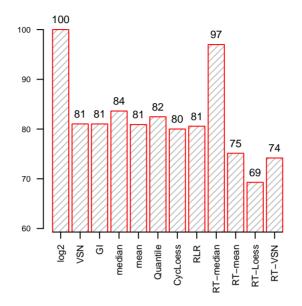
**Replicate variation** 



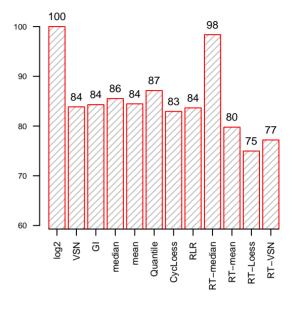
PCV compared to log2



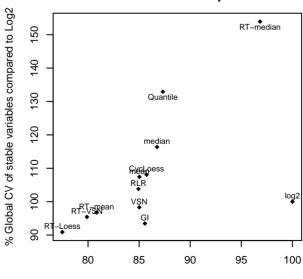
PMAD compared to log2



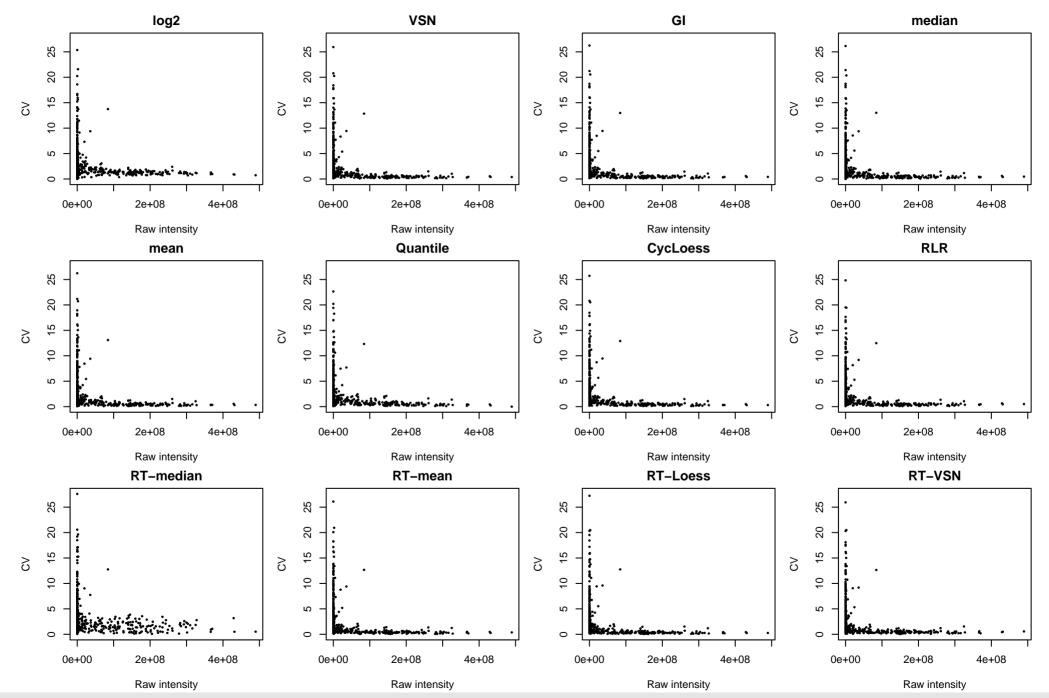
%PEV – compared to log2

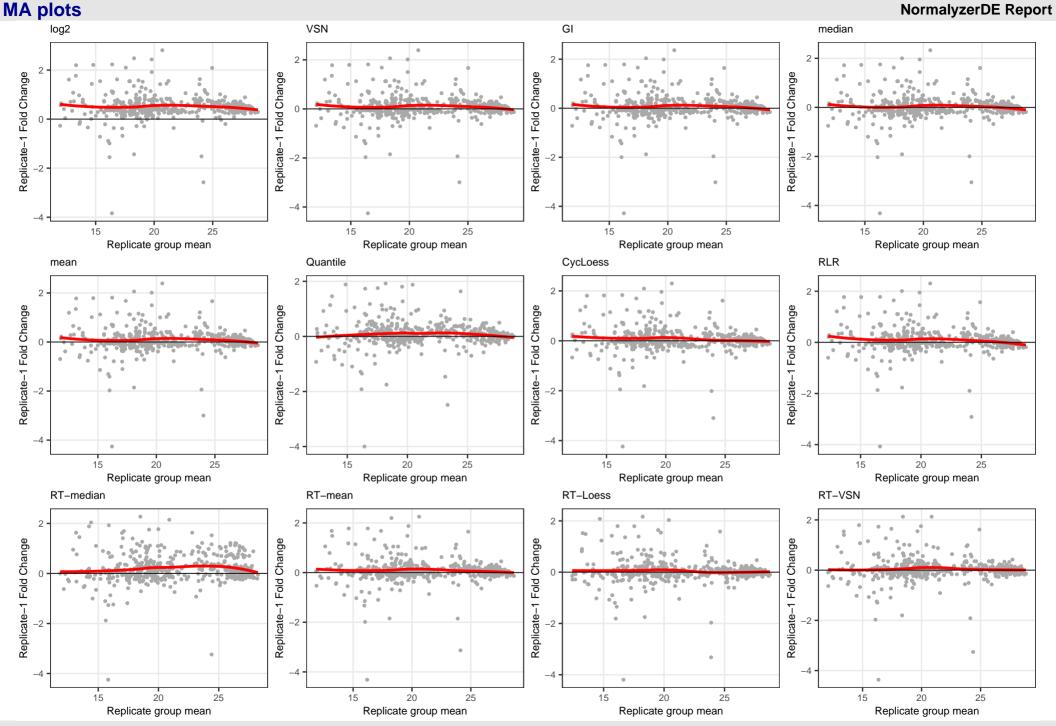


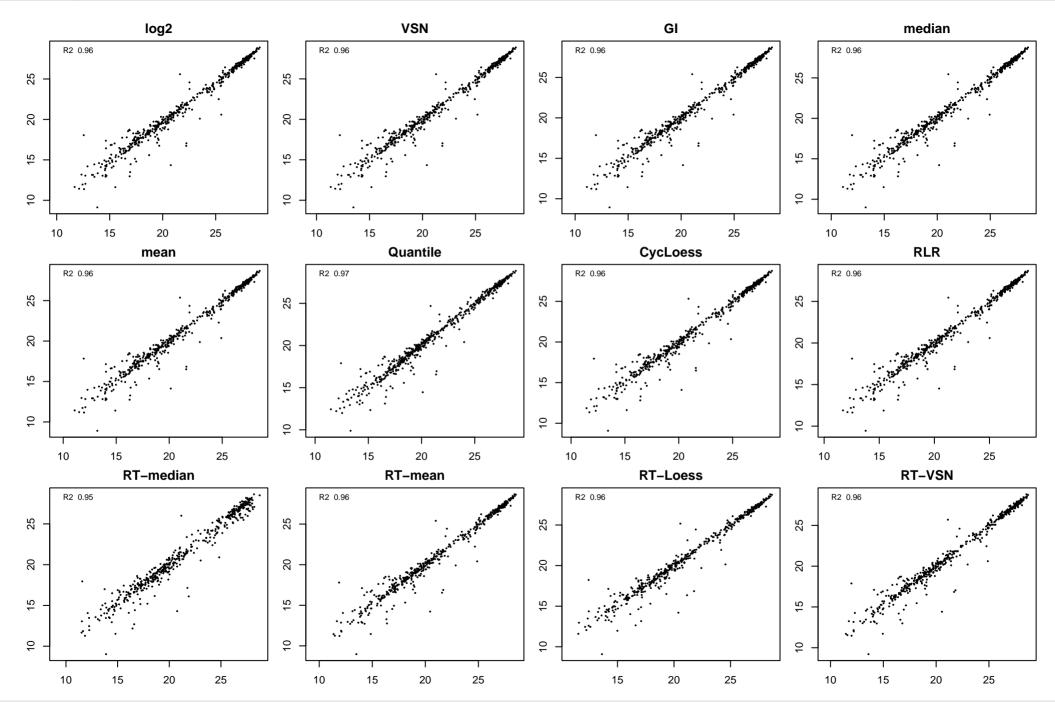
Stable variables plot

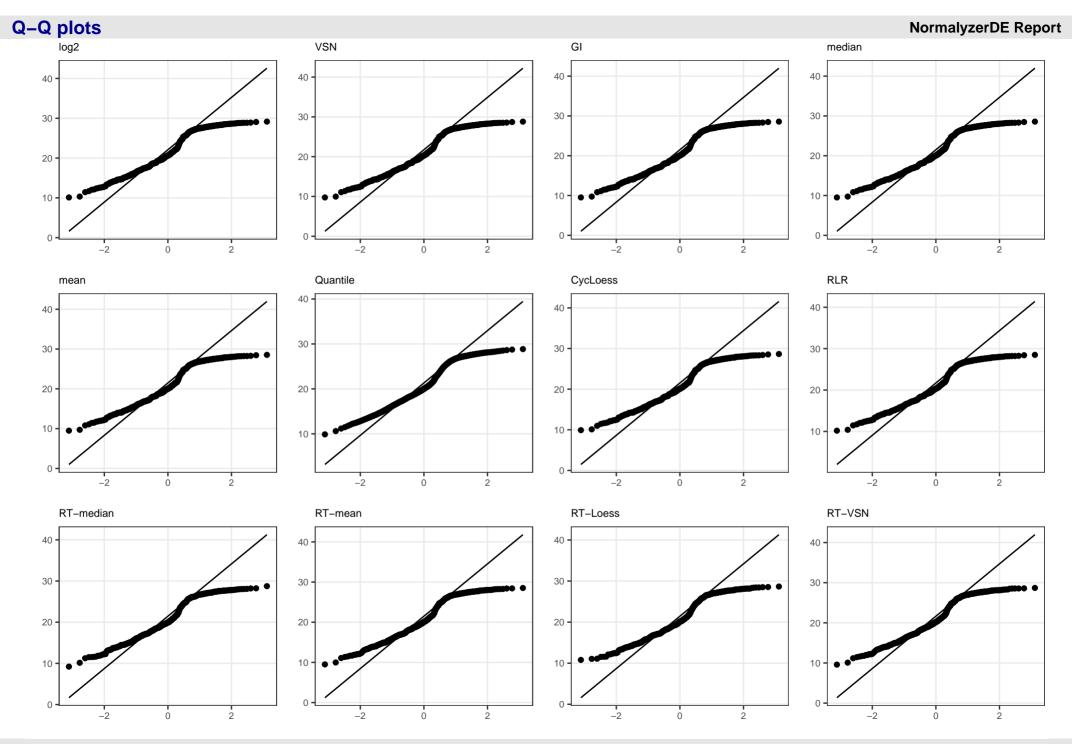


PCV (Intragroup) compared to Log2

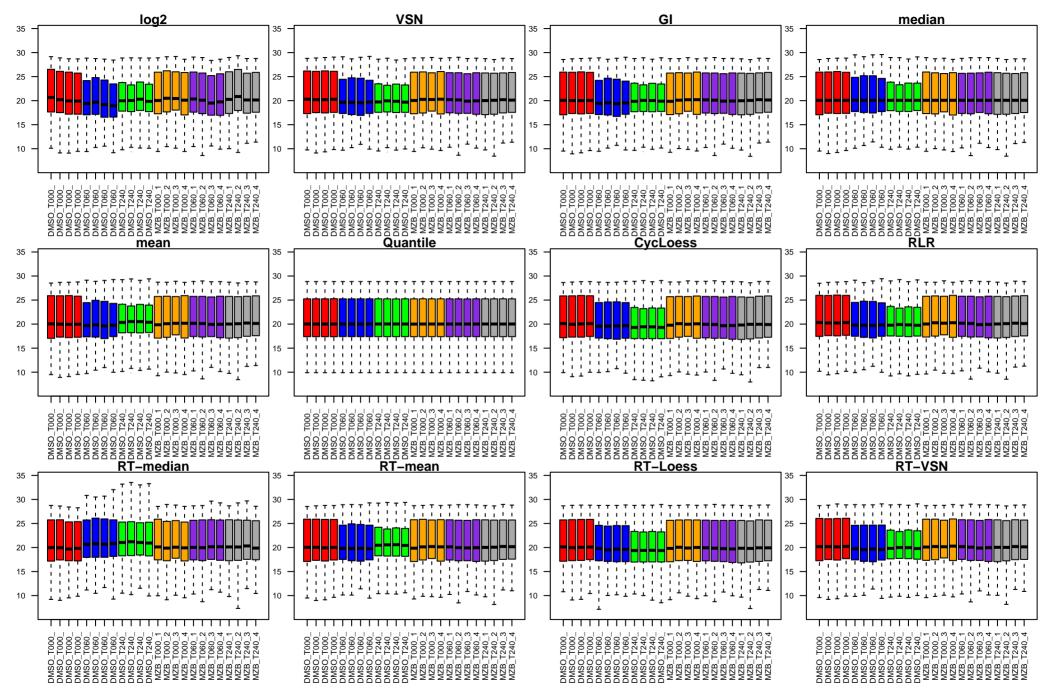


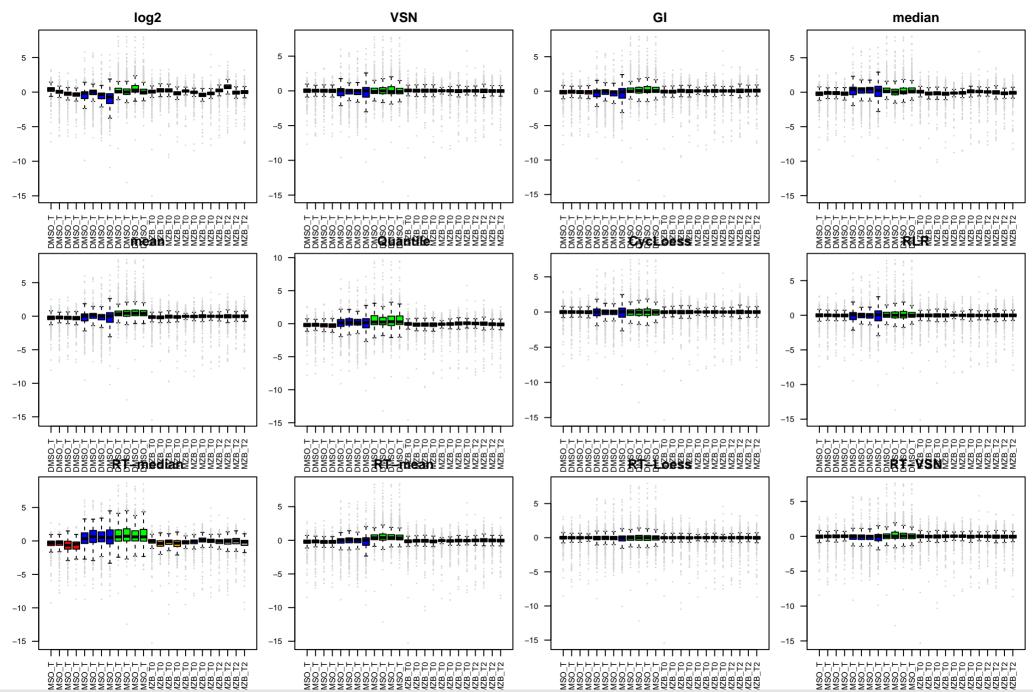






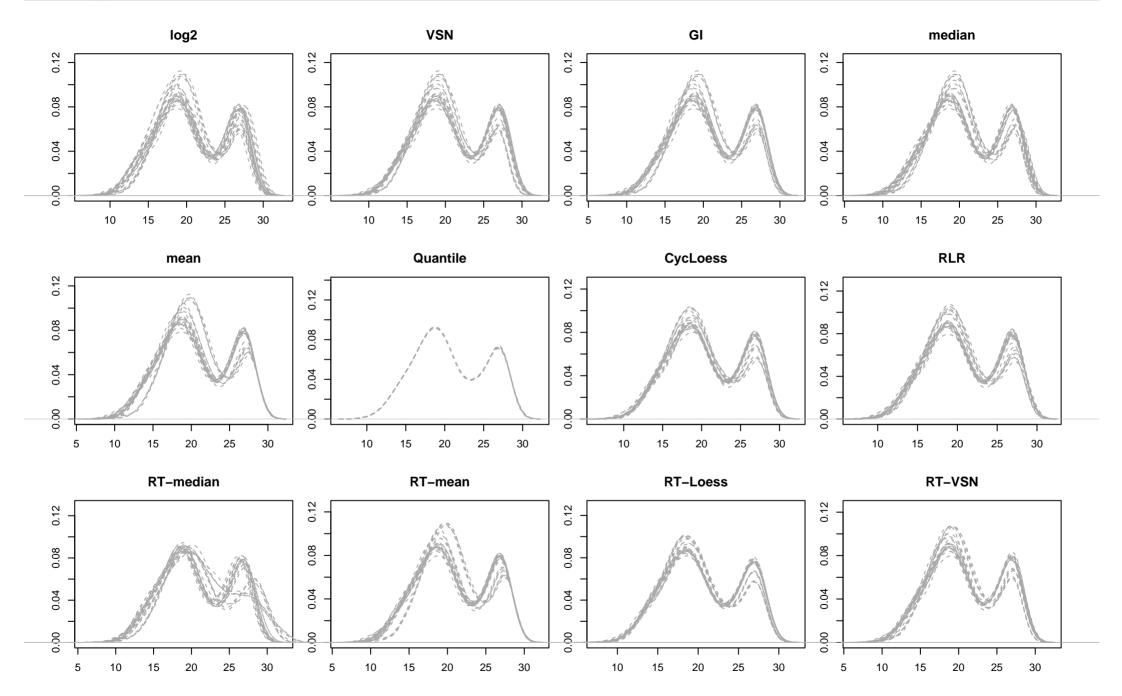
Boxplots NormalyzerDE Report

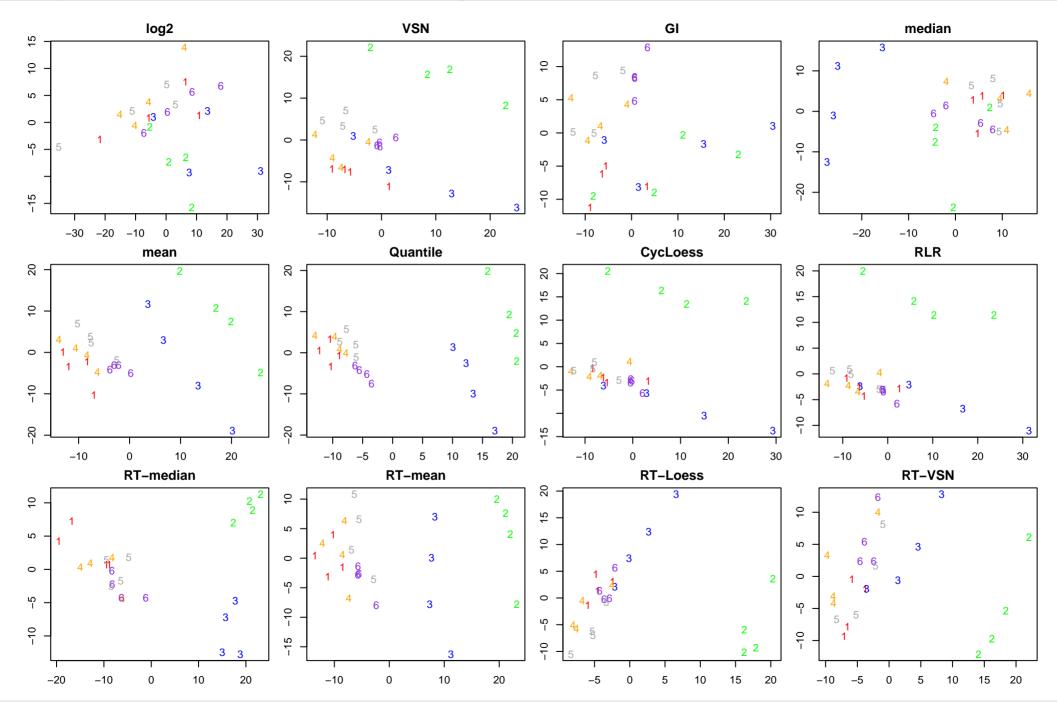


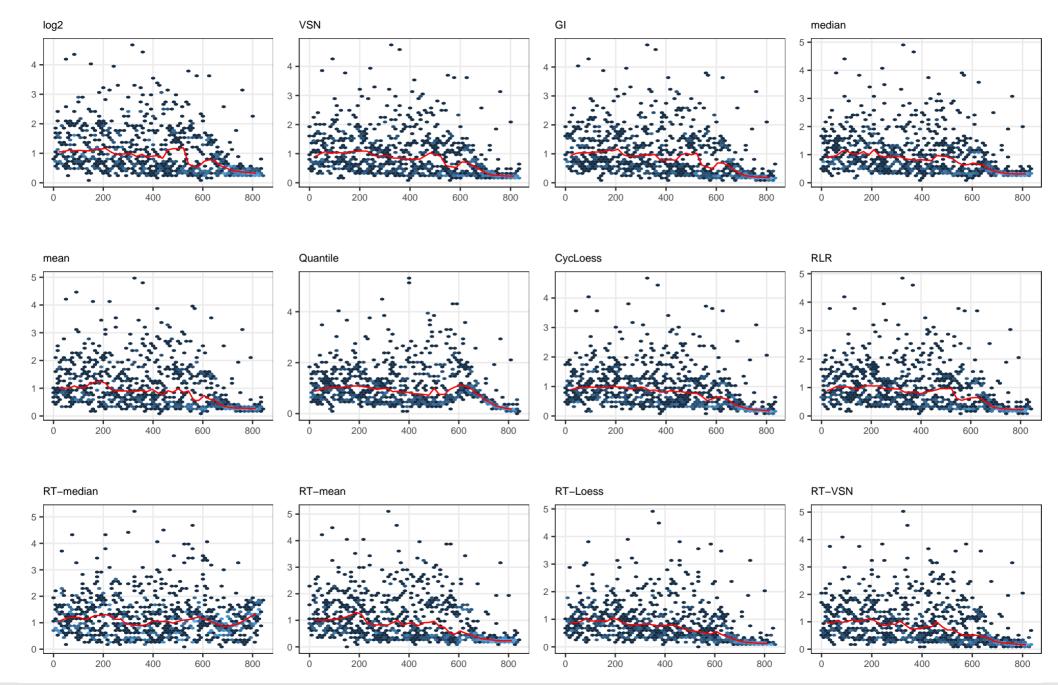


Project: 2024-04-16\_msp-ms\_normalyze\_output

Page 11







**Correlation plots** 

