## Unsupervised Supervised **Component-based** DIABLO: mixOmics JIVE: r.jive sMBPLS<sup>a</sup> sGCCA: mixOmics iClusterPlus: iClusterPlus Bayesian iBAG<sup>d</sup> **SNMNMF**<sup>a</sup> **Variable** Selection **Network-based ATHENA**<sup>e</sup> **GELnet:** gelnet stSVM: netClass **CONEXIC**<sup>b</sup> sPCA: mixOmics glmnet: glmnet MOFA: sPLSDA: mixOmics MOFAtools Multi-step approaches Concatenation/Ensemble BCC: bayesCC caret, caretEnsemble **WGCNA**: MCIA: Omicade 4 **RIMBANET**<sup>c</sup> WGCNA No variable rGCCA: mixOmics PLSDA: mixOmics PCA: mixOmics Joint NMF<sup>a</sup> **SVM**: e1071 selection NMF: NMF **SNF:** SNFtool MFA: FactoMineR RF: randomForest tSNE: tsne PANDA: pandaR GRridge: GRridge