

# Unsupervised

# Supervised

Variable  
Selection

No variable  
selection

## Component-based methods

SGCCA: RGCCA/mixOmics  
JIVE: r.jive

sMB-PLS<sup>a</sup>  
SMSMA: msma  
DIABLO: mixOmics

## Network-constrained

stSVM: netclass

## Classification and regression algorithms

SNMNMF<sup>a</sup>

## Non-negative matrix Factorization methods

Joint NMF<sup>a</sup>

MOFA:  
MOFAtools

## Bayesian Methods

BCC: bayesCC  
RIMBANET<sup>c</sup>

MCIA:  
omicade4

iBAG<sup>b</sup>

Concatenation: caret  
Ensemble: caretEnsemble

## Message-passing algorithms

SNF: SNFtool  
PANDA: pandaR