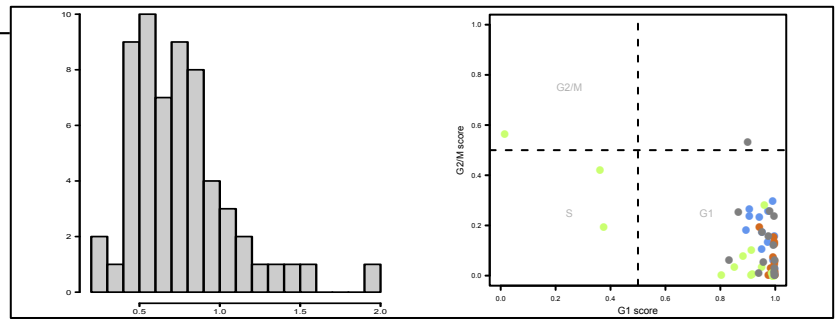


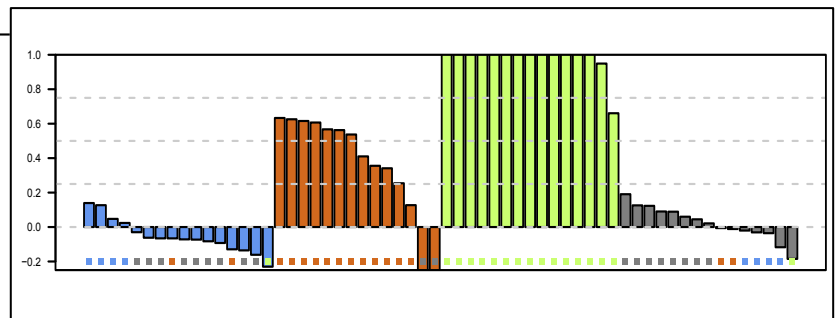
## Block I: Preprocessing & quality check

- Count processing (optional)
- Data distributions
- Cell cycle phase classification
- Correction for cell cycle (optional)



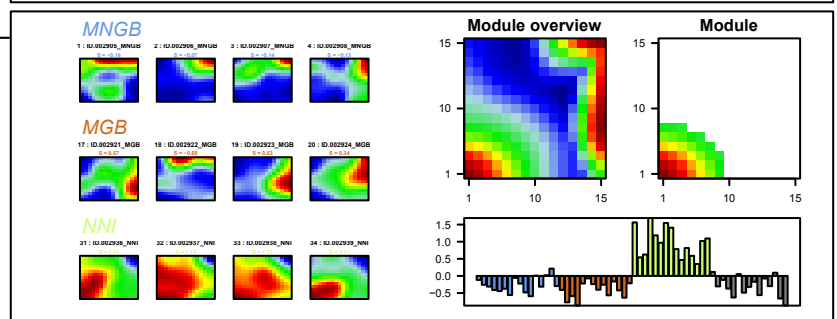
## Block II: Group annotation & stability

- Unsupervised cell grouping (optional)
- Group stability / silhouette plot



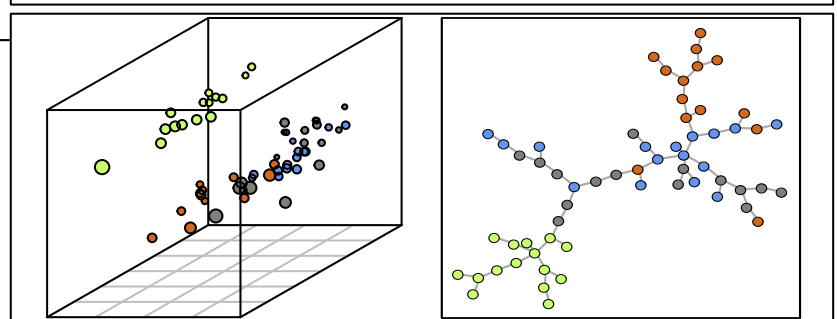
## Block III: Portraying

- Single cells' expression portraits
- Group portraits & reports
- Expression module reports



## Block IV: Sample similarity analyses

- Supervised and clustered heatmaps
- Independent Component Analysis (ICA)
- Correlation spanning tree
- t-distributed stochastic neighbor embedding (t-SNE)



## Block V: Pseudotime estimation

- Application of wanderlust algorithm
- Pseudotime trajectory report

