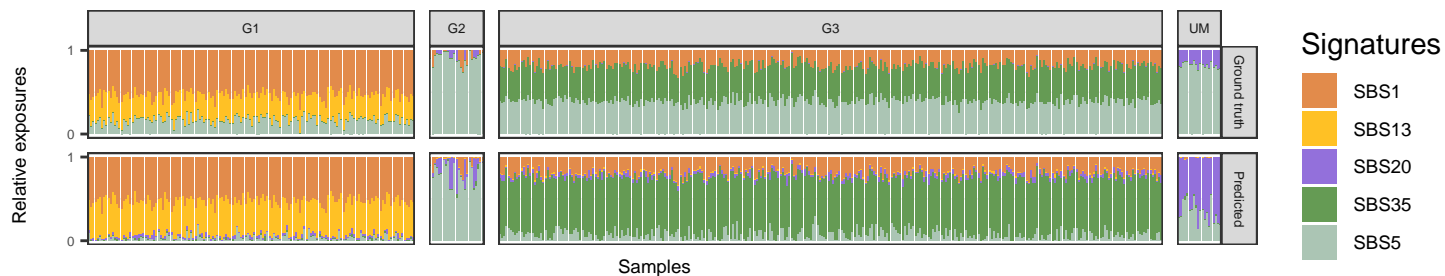


A

## Inference on a simulated dataset

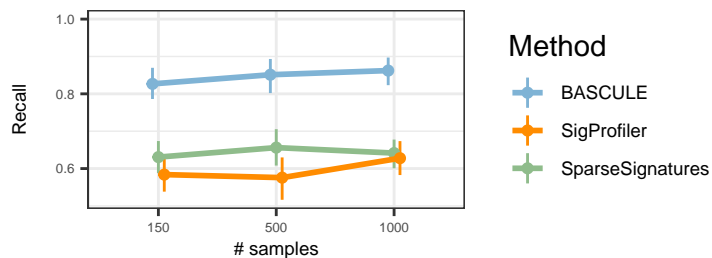
Dataset with 500 samples, 5 signatures and 3 groups



B

## Signatures detection accuracy

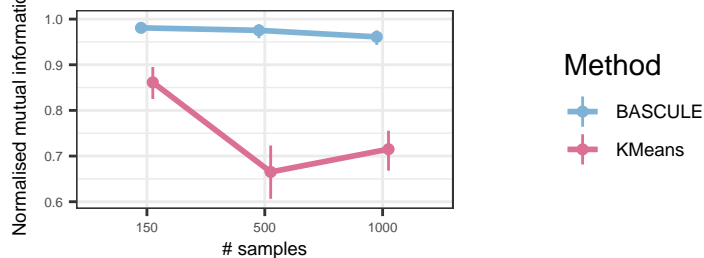
Recall of identified signatures



C

## Clustering accuracy

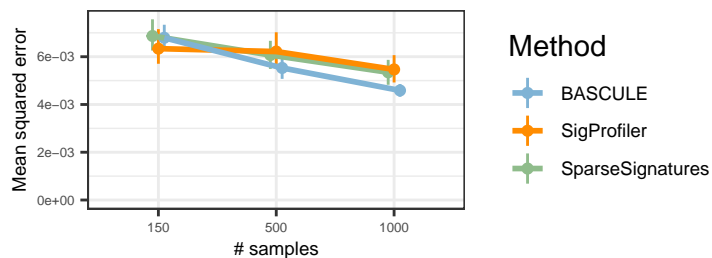
NMI between inferred and true assignments



D

## Reconstruction error

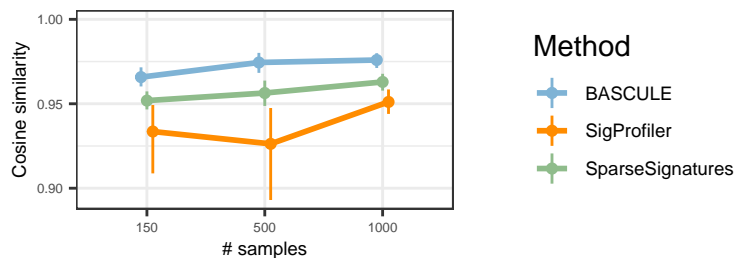
MSE between inferred and true mutation counts



E

## Signatures quality

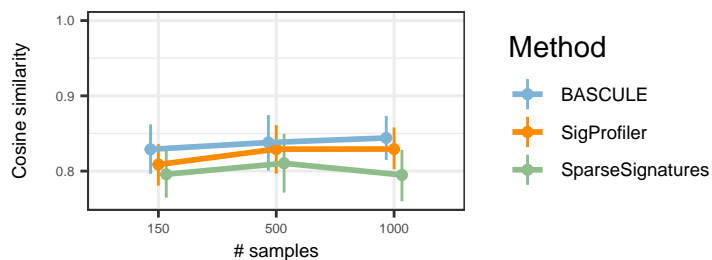
CS between inferred and true signature profiles



F

## Exposures quality

CS between inferred and true exposures



G

## Runtime comparison

Ratio of runtimes between competitors and BASCULE

