

# NIPALS-MCIA-JR

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9/1/2022

## Interpreting Global Scores from MCIA

MCIA calculates a global scores matrix that is  $n \times k$  where  $n$  is the number of samples and  $k$  is the number of factors. Each entry  $M_{ik}$  represents the strength of factor  $k$  to sample  $i$ . As such, you may be interested in further dissecting the global scores matrix in order to understand, for a given sample, what factors capture the most the MCIA decomposition.

### Load multiblock

```
data(NCI60)
names(data_blocks)
```

```
## [1] "mrna" "miRNA" "prot"
```