Broliden_5325

25 September, 2020

Contents

#Load libraries and other scripts
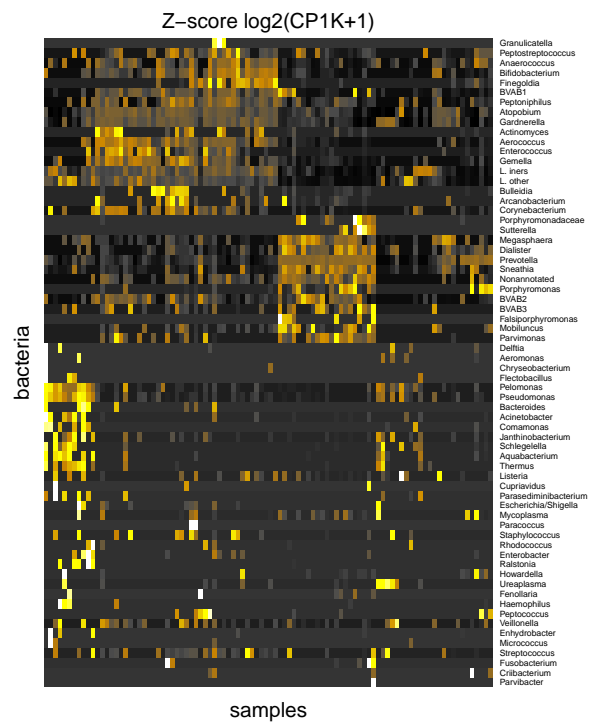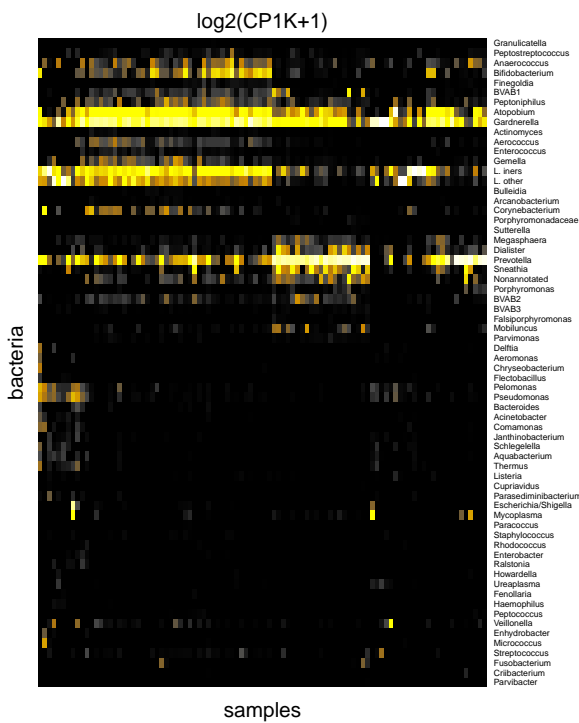
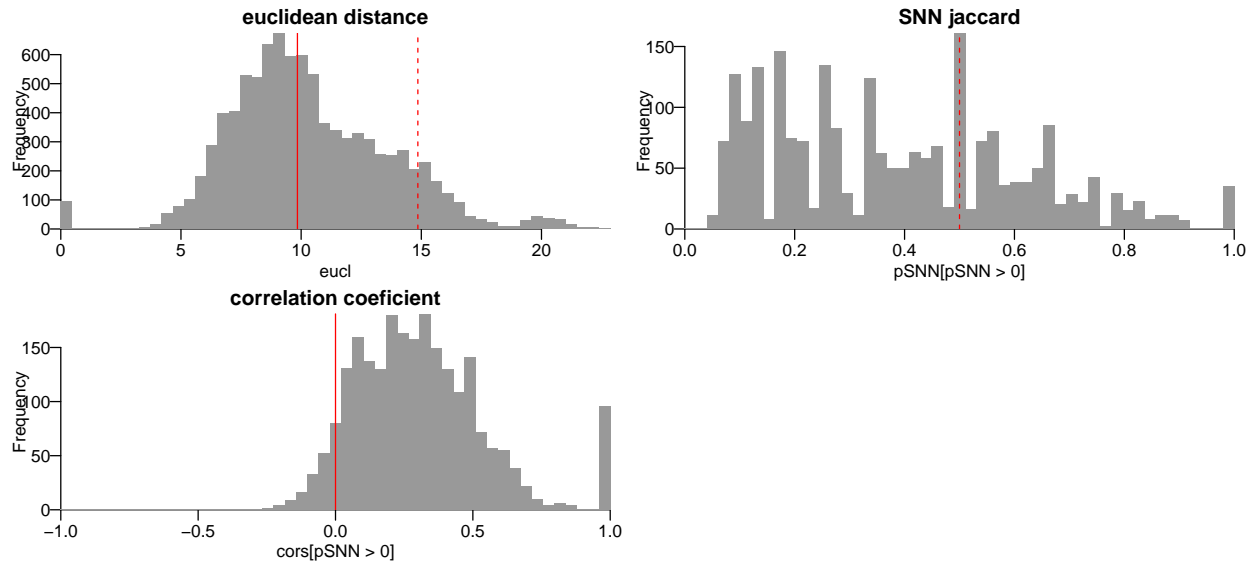#Defining some variables for the analysis

Loading data and metadata
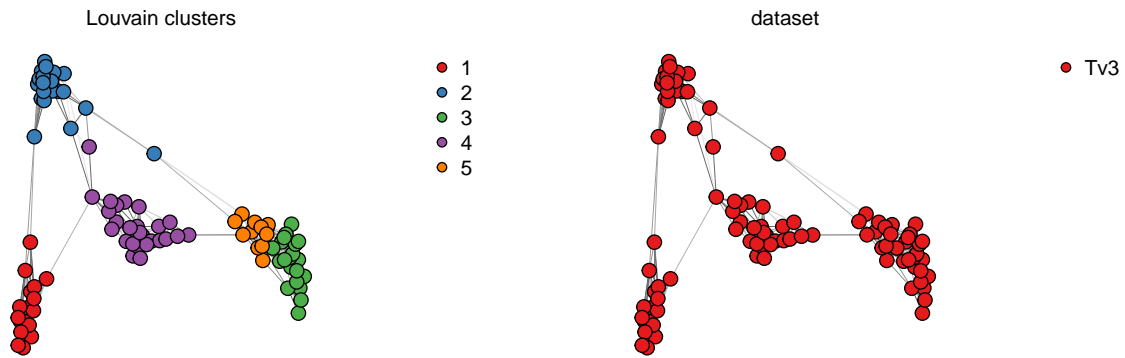
Merging microbiome datasets

Organise the datasets

Organise the datasets

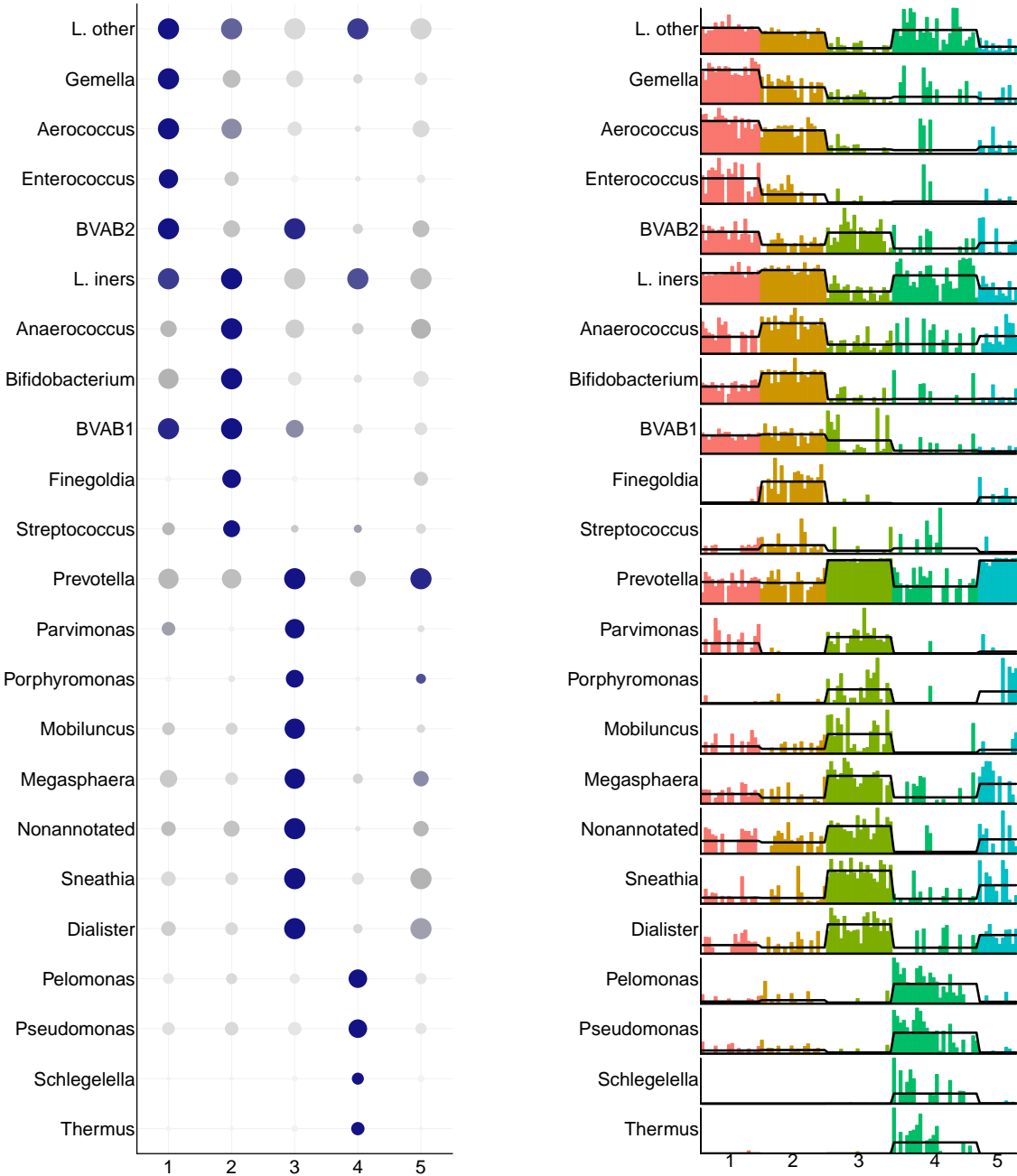# Computing a SNN graph from sample correlations

euclidean distance

SNN jaccard

correlation coeficient
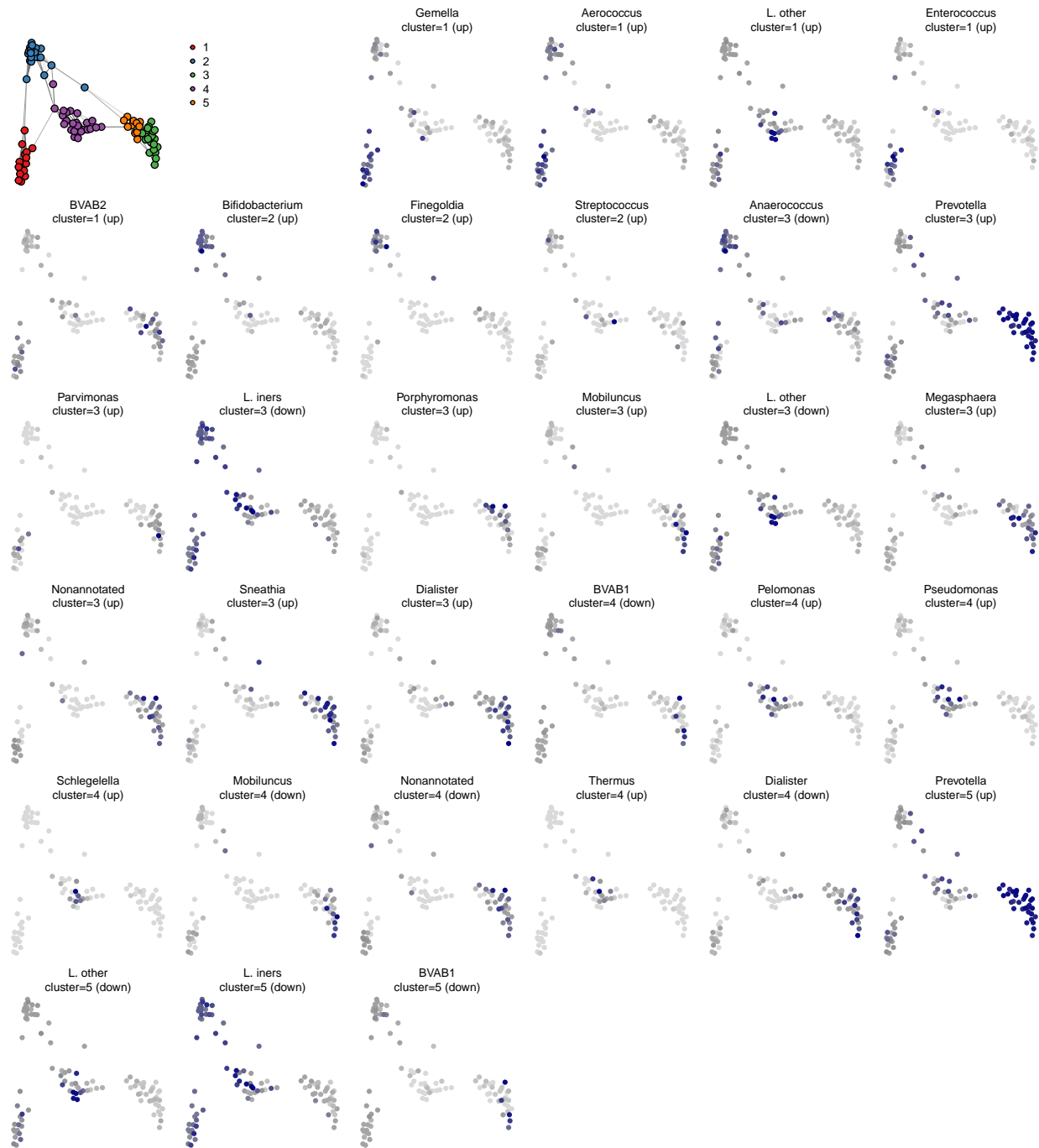
Visualise the data

Louvain clusters

dataset

Computing differential expression across clusters

`## [1] 31  8`

#Plotting the most significant bacteria across clusters

`## [1] "1"`
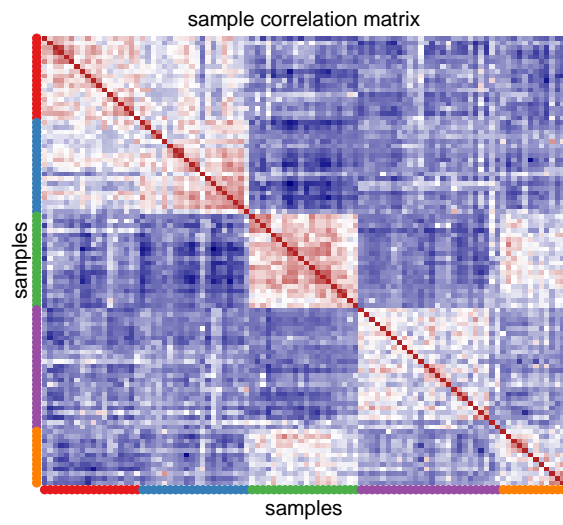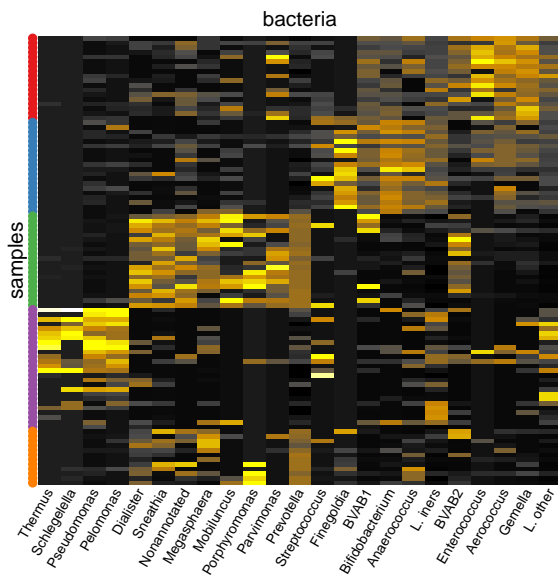`## [1] "2"`

Plotting the most significant bacteria across clusters

#Plotting bacteria across clusters

bacteria

sample correlation matrix

```
## [1] -0.01536842
```

#Dataset integration