

Plot Adjusted Mutual Information and Jaccard Index

Gilderlanio Santana de Araújo

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```
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```

Heatmap of Jaccard Index

```
# After running Jupyter notebook.
library("reshape2")
library("reshape")

##
## Attaching package: 'reshape'

## The following objects are masked from 'package:reshape2':
##
##      colsplit, melt, recast

library("pheatmap")

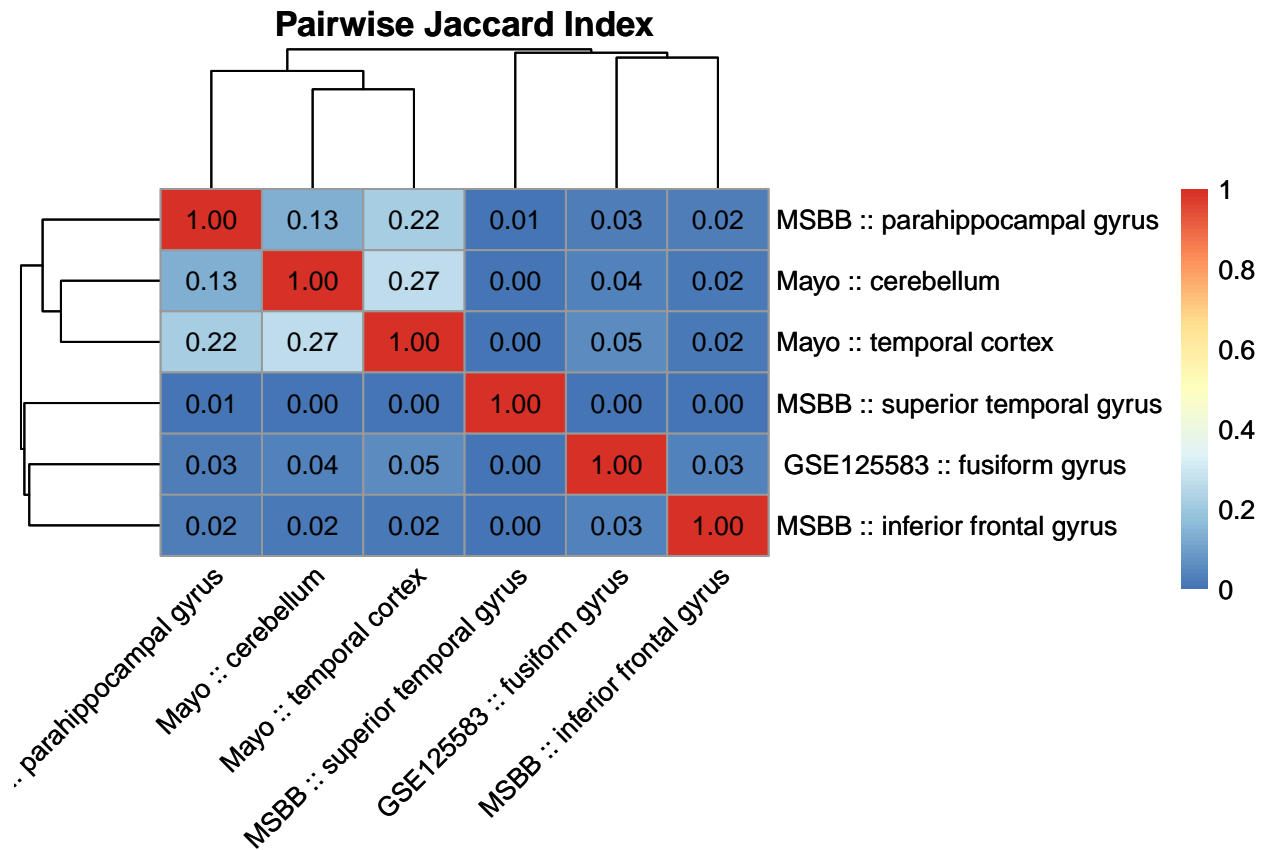
jc <- read.table("amp-ad/results/Jaccard.txt", header = F, sep = "\t")
jc$V4 <- NULL
jc <- cast(jc, formula = V1 ~ V2)

## Using V3 as value column. Use the value argument to cast to override this choice

rownames(jc) <- jc$V1
jc$V1 <- NULL

heat.het <- pheatmap(jc, cluster_rows = T, cluster_cols = T,
  display_numbers = TRUE, number_color = "black",
  fontsize_number = 10,
  main = "Pairwise Jaccard Index",
  angle_col = 45)

heat.het
```

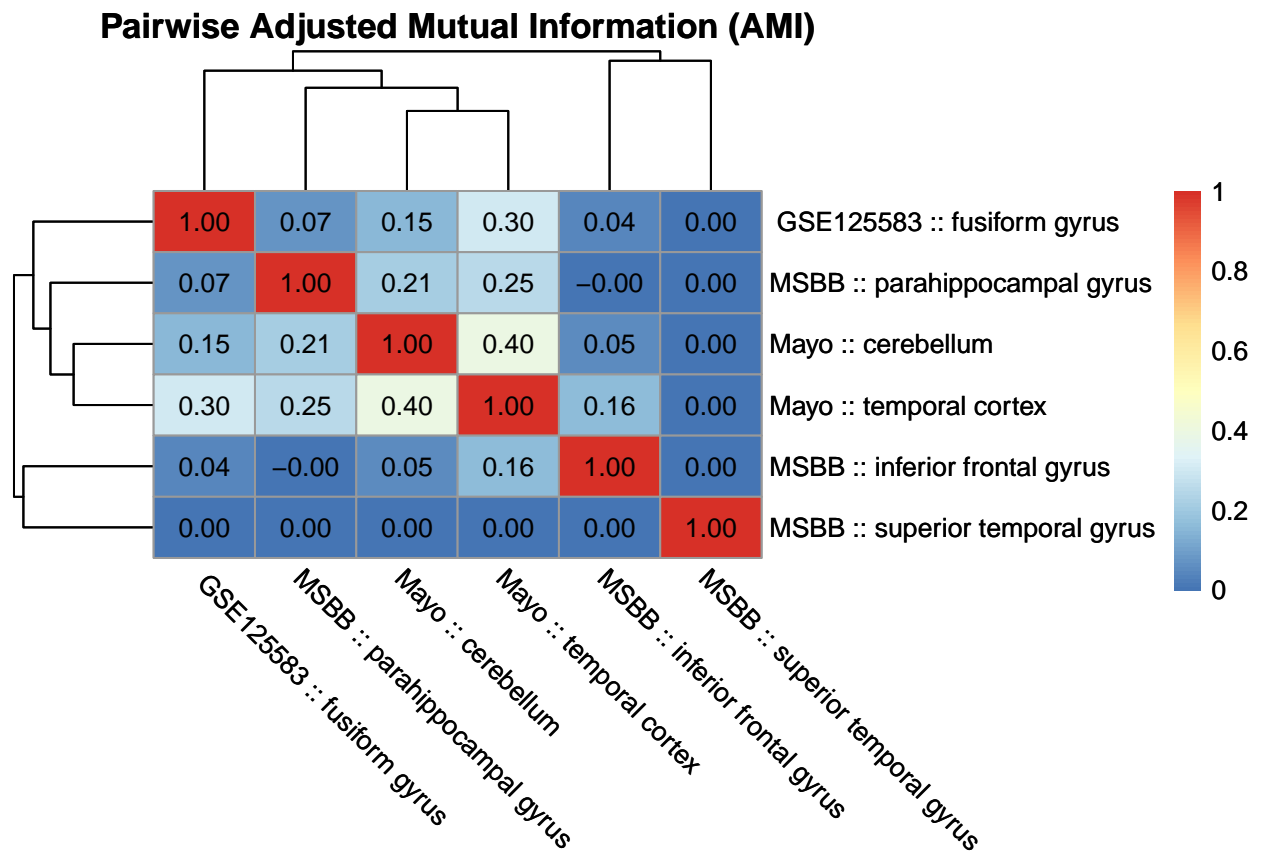


Heatmap of Adjusted Mutual Information

```
mri <- read.table("amp-ad/results/MRI.txt", header = F, sep = "\t")
mri <- cast(mri, formula = V1 ~ V2)
```

Using V3 as value column. Use the value argument to cast to override this choice

```
rownames(mri) <- mri$V1
mri$V1 <- NULL
heat.het <- pheatmap(mri, cluster_rows = T, cluster_cols = T,
  display_numbers = TRUE, number_color = "black",
  fontsize_number = 10,
  main = "Pairwise Adjusted Mutual Information (AMI)",
  angle_col = 315)
heat.het
```



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