R Notebook

Analysis

Reading data

```
data=read.table("data.txt",sep="\t",header=TRUE,row.names = 1)
```

Some plots

Correlation matrix

```
## Loading required package: ggplot2
```

```
## Registered S3 method overwritten by 'GGally':
##   method from
##   +.gg   ggplot2
```

```
## `stat_bin()` using `bins = 30`. Pick better value with `binwidth`.
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```
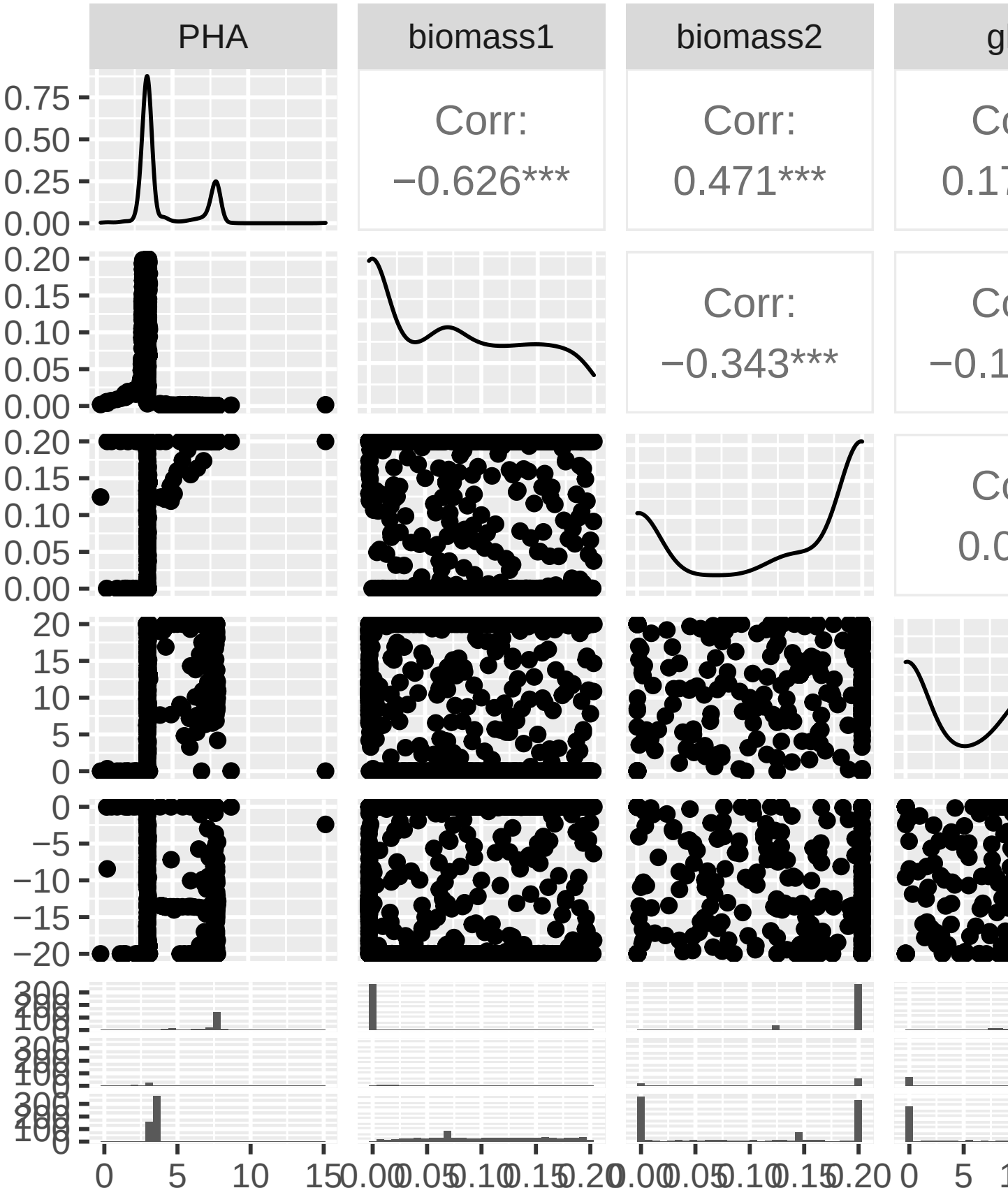
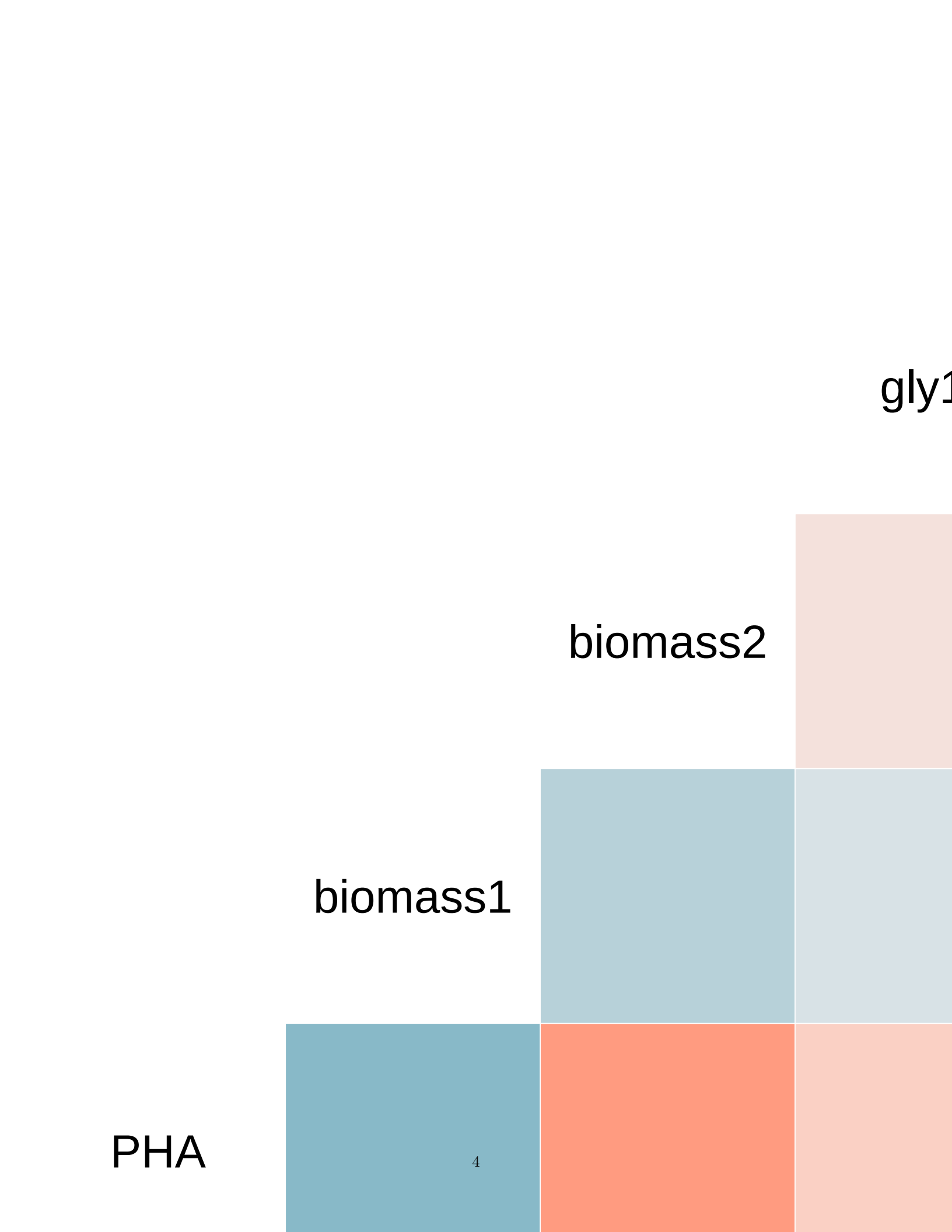


PHA
biomass1
biomass2
Corr:
−0.626***
Corr:
0.471***
Corr:
−0.343***

Correlation plot

```
## Warning in ggcorr(data): data in column(s) 'PHA.1' are not numeric and were
## ignored
```


gly1
biomass2
biomass1
PHA

Splitting by group

```
## `stat_bin()` using `bins = 30`. Pick better value with `binwidth`.
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```
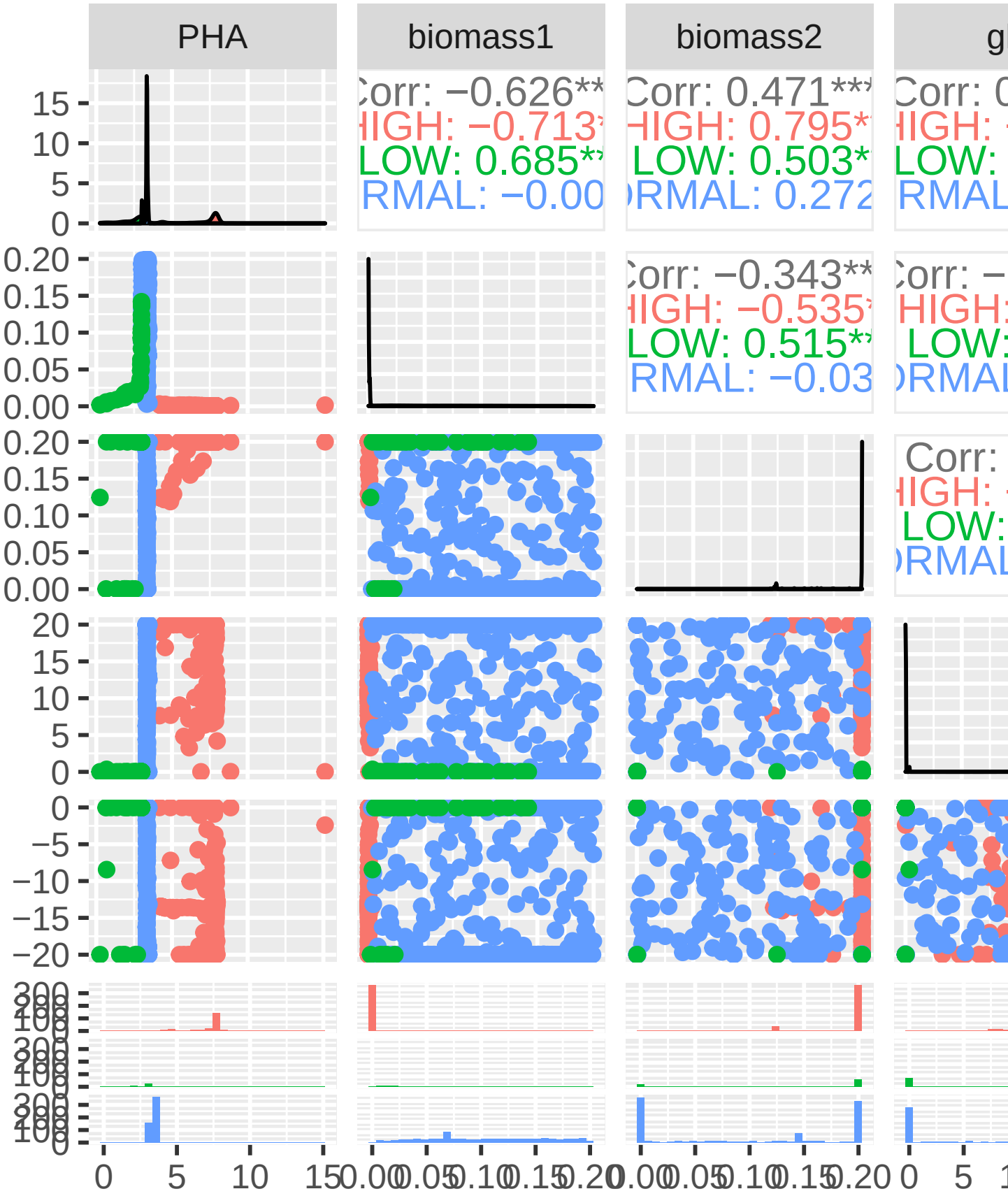
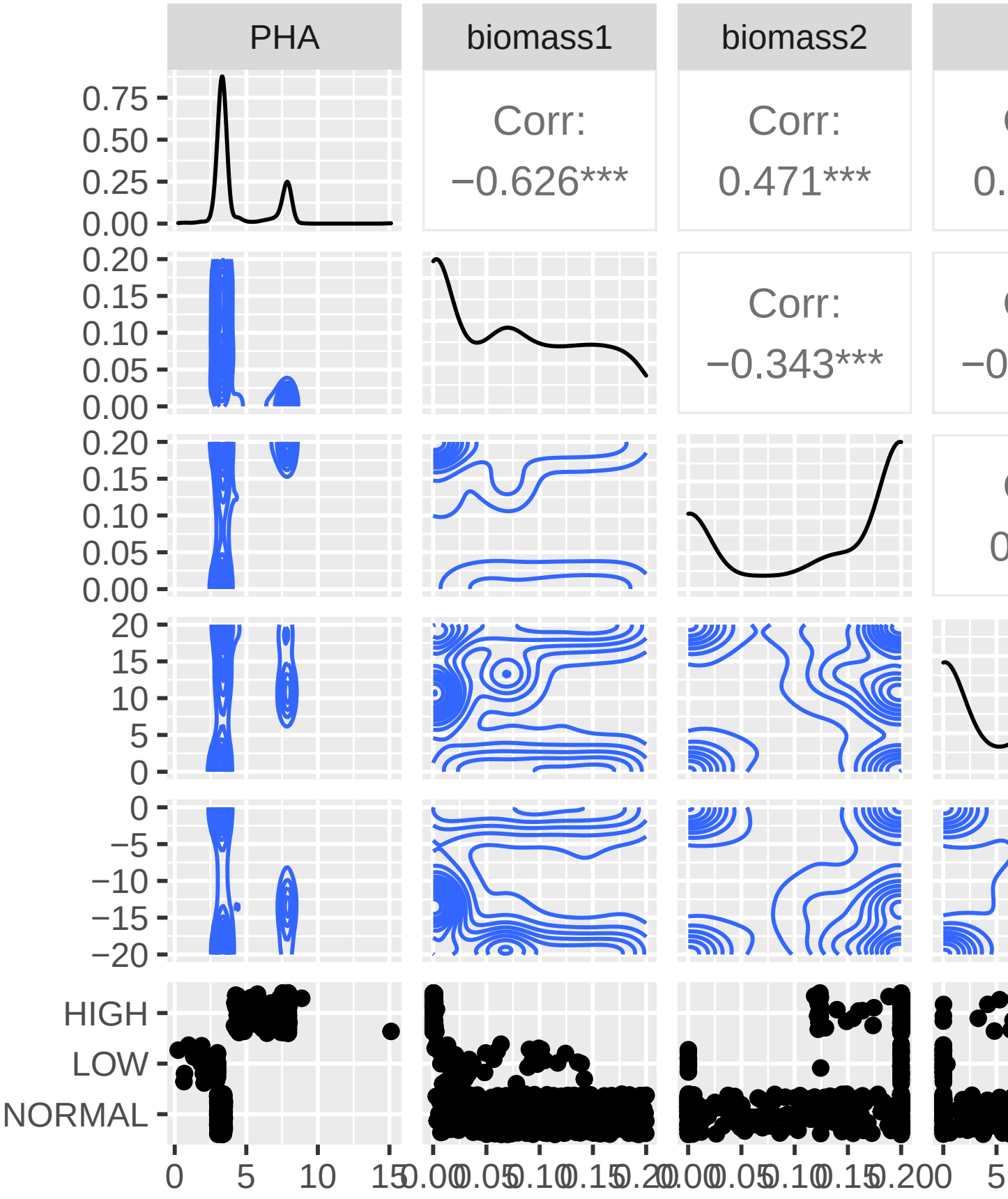
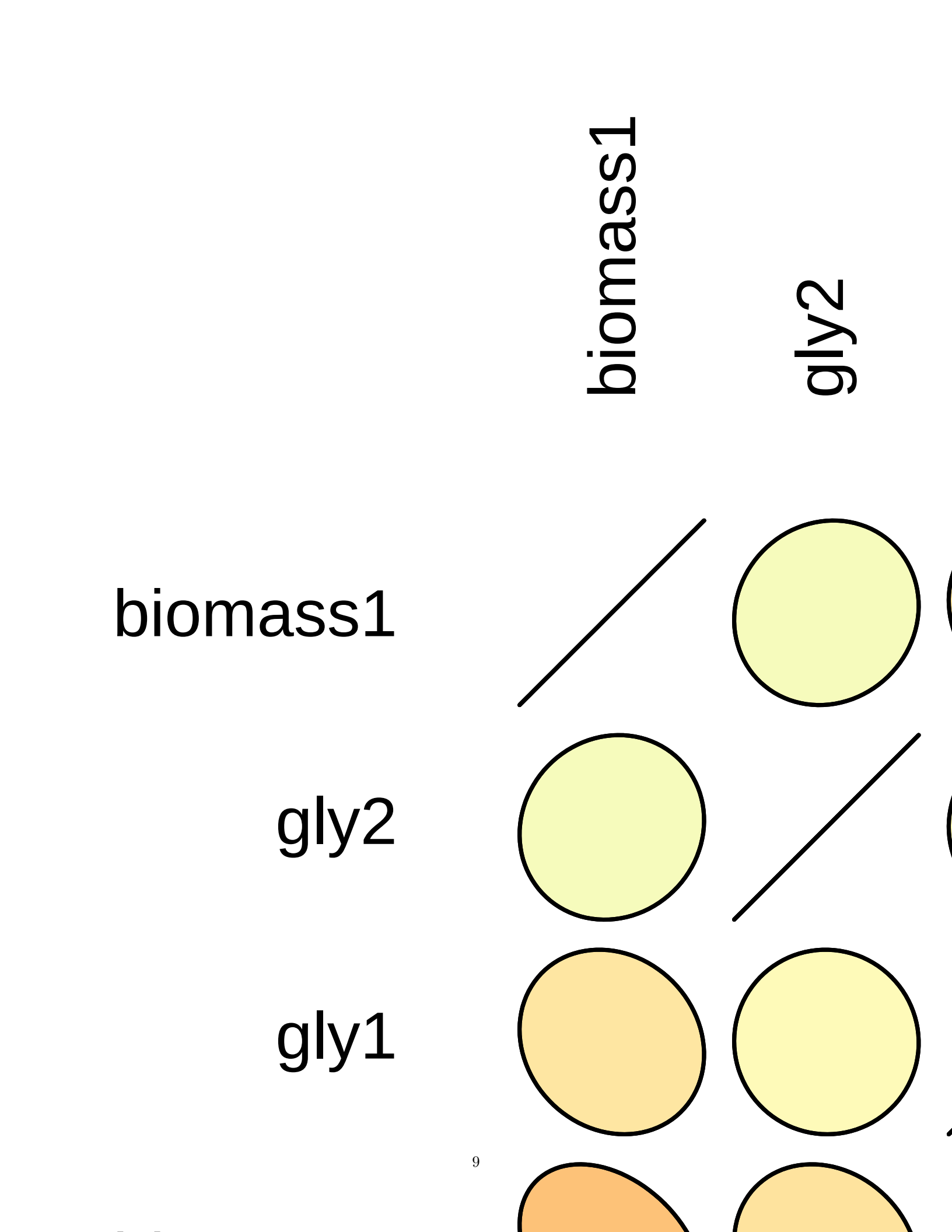


PHA
biomass1
biomass2
Corr: −0.626**
HIGH: −0.713*
LOW: 0.685**
RMAL: −0.00
Corr: 0.471***
HIGH: 0.795*
LOW: 0.503*
RMAL: 0.272
Corr: −0.343**
HIGH: −0.535*
LOW: 0.515**
RMAL: −0.03
Corr:
HIGH:
LOW:
RMAL
0 5 10 15
0.00 0.05 0.10 0.15 0.20
0 5 1

Test other plots



Ellipse

```
##
## Attaching package: 'ellipse'
## The following object is masked from 'package:graphics':
##
##     pairs
```


biomass1
gly2
biomass1
gly2
gly1