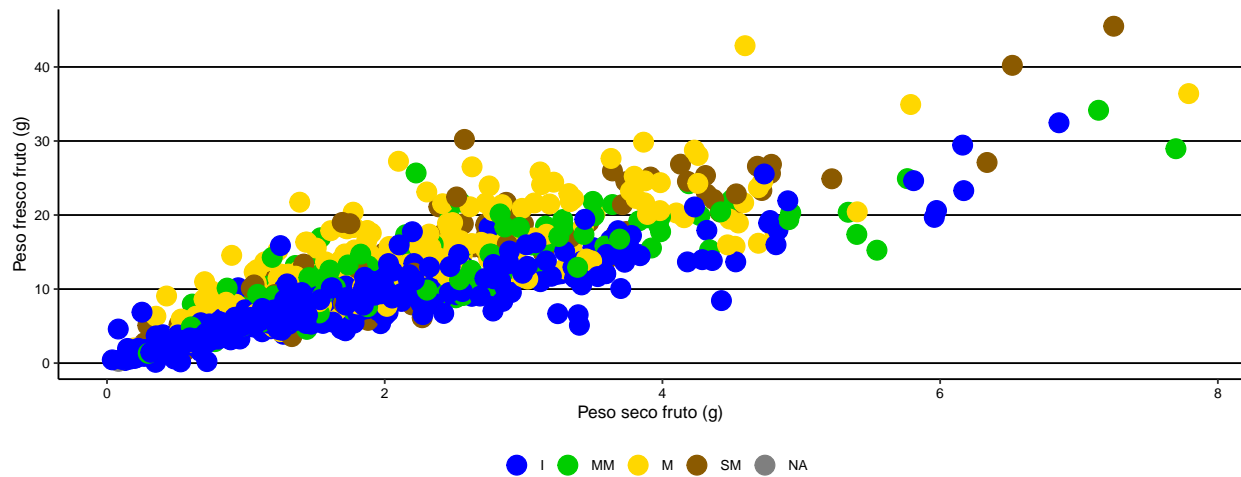


Peso seco

Carga de datos y conversión de variables

Gráfico de dispersión



Se ajusta el modelo

```
##
## Call:
## lm(formula = psf ~ pff, data = datospeso)
##
## Coefficients:
## (Intercept)      pff
##      0.1749      0.1657
```

Modelo

```
##
## Call:
## lm(formula = psf ~ pff, data = datospeso)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -2.68401 -0.26222 -0.07354  0.22012  2.85114
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept)  0.17491    0.03283   5.328 1.19e-07 ***
## pff          0.16571    0.00281  58.983 < 2e-16 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 0.6162 on 1164 degrees of freedom
```

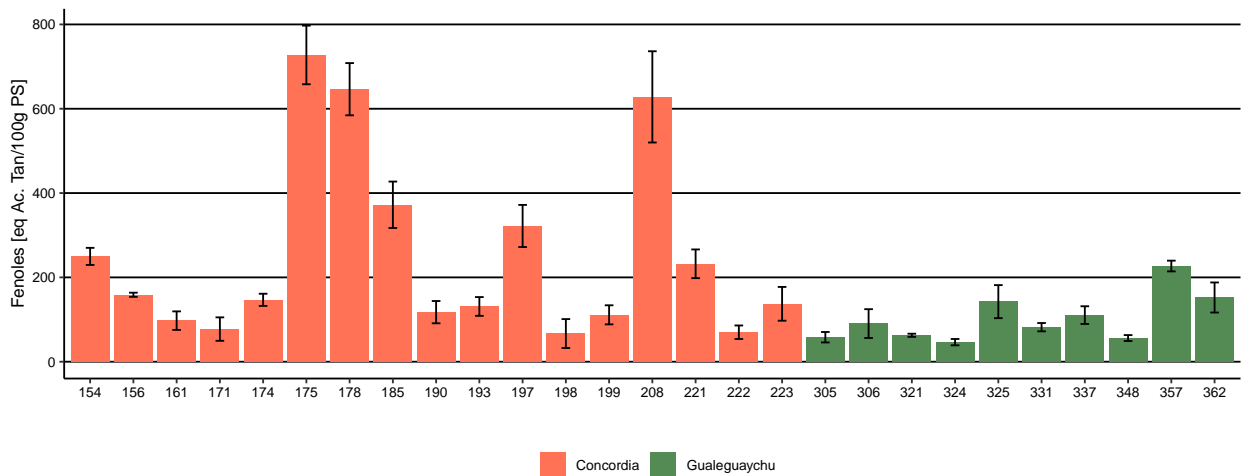
Multiple R-squared: 0.7493, Adjusted R-squared: 0.7491
F-statistic: 3479 on 1 and 1164 DF, p-value: < 2.2e-16

Análisis univariado

Fenoles

Tabla descriptiva Acidez Total Titulable (ATT)

```
## # A tibble: 27 x 7
## # Groups:   site [2]
##   site    phenotype      n Mean   min   max   sd
##   <fct>    <fct>    <int> <dbl> <dbl> <dbl> <dbl>
## 1 Concordia 154         4 250.  226.  271.  20.2
## 2 Concordia 156         4 159.  153.  165.   4.93
## 3 Concordia 161         4  97.4  70.3  120.  22.0
## 4 Concordia 171         4  77.4  54.1  118.  27.8
## 5 Concordia 174         3 147.  136.  163.  14.4
## 6 Concordia 175         4 728.  660.  811.  69.5
## 7 Concordia 178         4 646.  606.  739.  61.9
## 8 Concordia 185         4 372.  298.  424.  55.0
## 9 Concordia 190         4 118.   88.9  153.  26.4
## 10 Concordia 193         4 131.  102.  154.  22.2
## # i 17 more rows
```



AAO

0.025

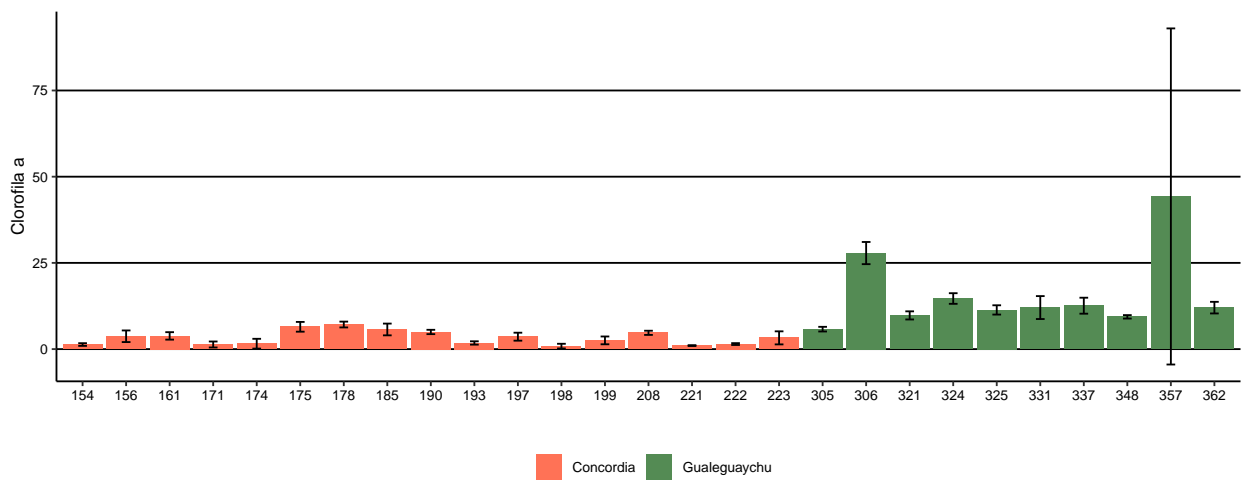
0.050

0.100

0.250

Clorofila a

```
## # A tibble: 27 x 7
## # Groups:   site [2]
##   site phenotype      n Mean   min   max   sd
##   <fct>   <fct>   <int> <dbl> <dbl> <dbl> <dbl>
## 1 Concordia 154         4  1.32 0.846  1.74 0.388
## 2 Concordia 156         4  3.72 1.41   5.42 1.68
## 3 Concordia 161         4  3.83 2.78   5.17 1.08
## 4 Concordia 171         4  1.33 0.589  2.49 0.870
## 5 Concordia 174         3  1.57 0.509  3.18 1.42
## 6 Concordia 175         4  6.46 4.71   8.07 1.42
## 7 Concordia 178         4  7.13 6.18   8.12 0.846
## 8 Concordia 185         4  5.69 4.19   7.35 1.70
## 9 Concordia 190         4  4.97 4.11   5.43 0.626
## 10 Concordia 193         4  1.78 1.35   2.47 0.482
## # i 17 more rows
```



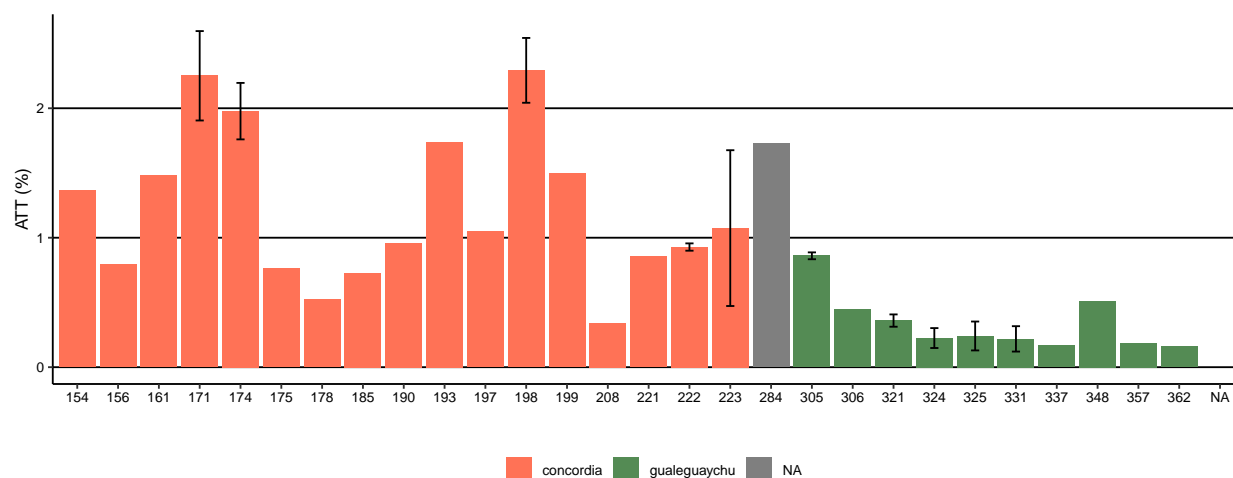
Clorofila b

Carotenoides

Acidez Total Titulable (ATT)

Tabla descriptiva Acidez Total Titulable (ATT)

```
## # A tibble: 29 x 7
## # Groups:   site [3]
##   site      phenotype      n Mean   min   max    sd
##   <fct>    <fct>    <int> <dbl> <dbl> <dbl> <dbl>
## 1 concordia 154         1 1.37  1.37  1.37  NA
## 2 concordia 156         1 0.794 0.794 0.794  NA
## 3 concordia 161         1 1.48  1.48  1.48  NA
## 4 concordia 171         4 2.25  1.84  2.59  0.345
## 5 concordia 174         3 1.98  1.85  2.23  0.218
## 6 concordia 175         1 0.762 0.762 0.762  NA
## 7 concordia 178         1 0.521 0.521 0.521  NA
## 8 concordia 185         1 0.727 0.727 0.727  NA
## 9 concordia 190         1 0.96  0.96  0.96  NA
## 10 concordia 193         1 1.74  1.74  1.74  NA
## # i 19 more rows
```

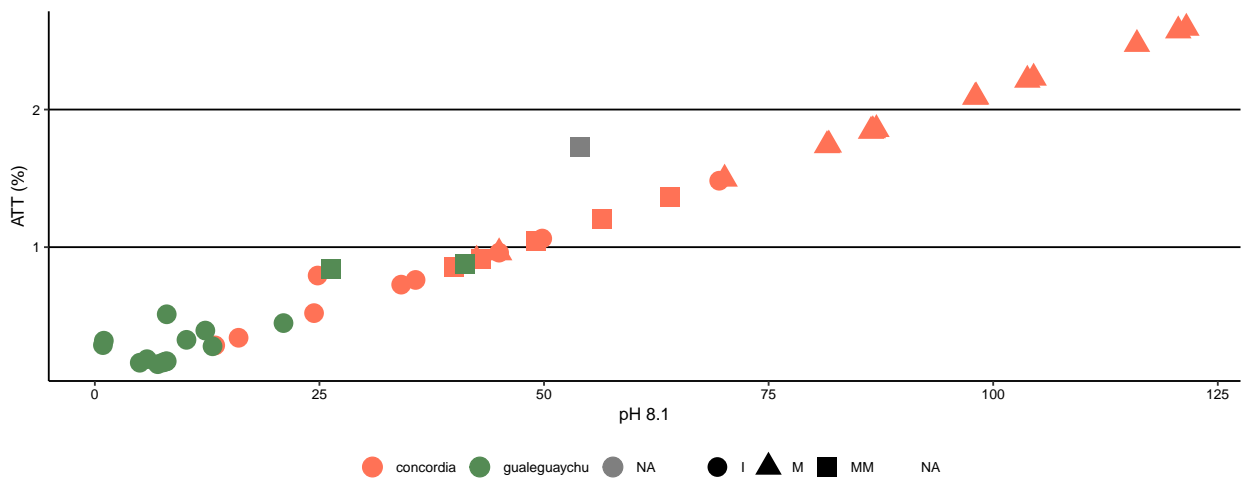
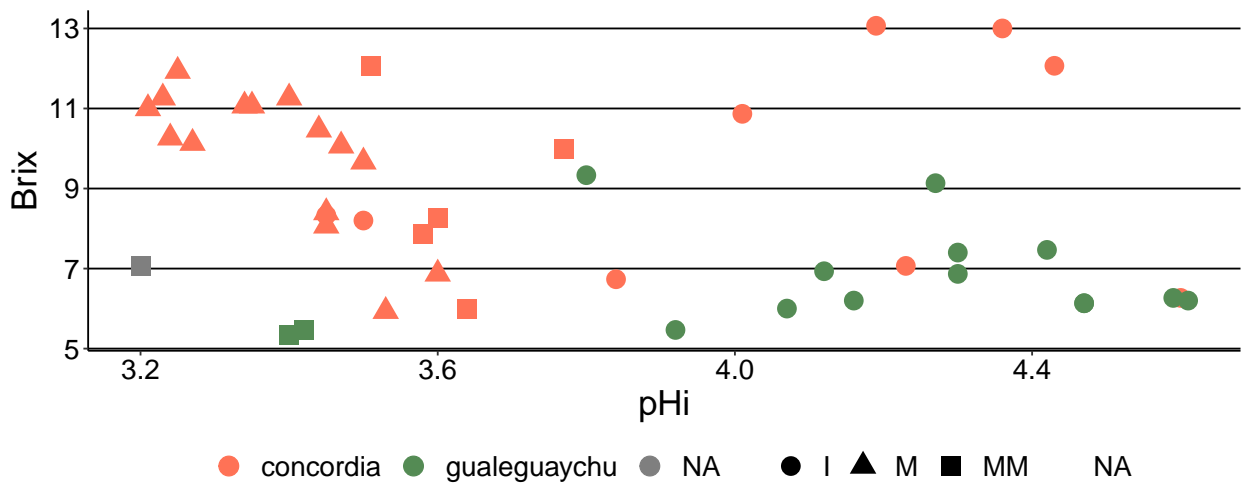
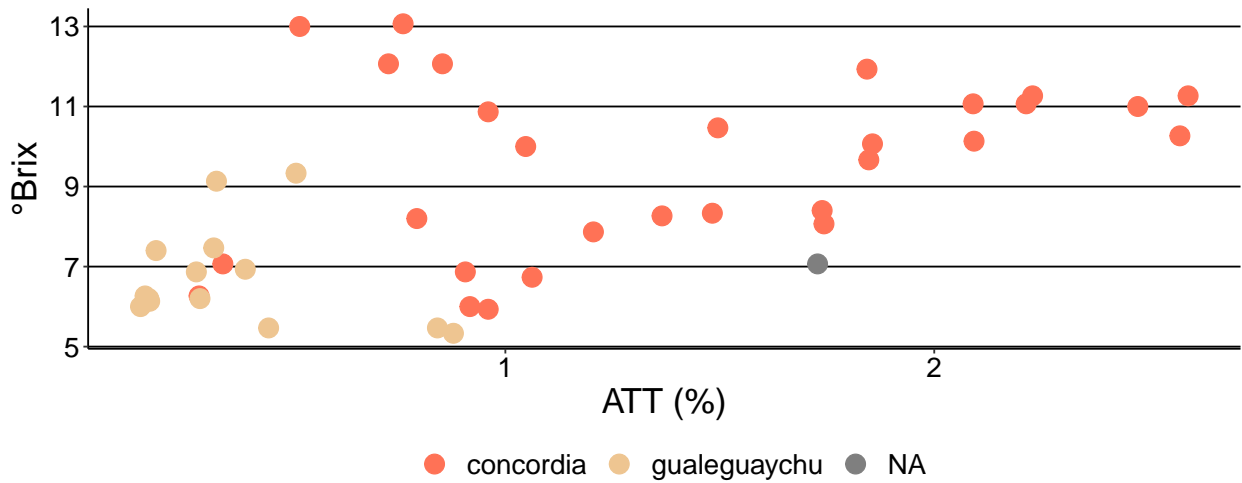


Sólidos solubles

Tabla descriptiva sólidos solubles (SS)

```
## # A tibble: 3 x 6
##   site      n Mean   min   max    sd
##   <fct>    <int> <dbl> <dbl> <dbl> <dbl>
## 1 concordia    29  9.56  5.93 13.1   2.14
## 2 gualaguaychu  15  6.69  5.33  9.33  1.22
## 3 <NA>        81  NA    NA    NA    NA
```

Relación ATT y SS



Análisis multivariado