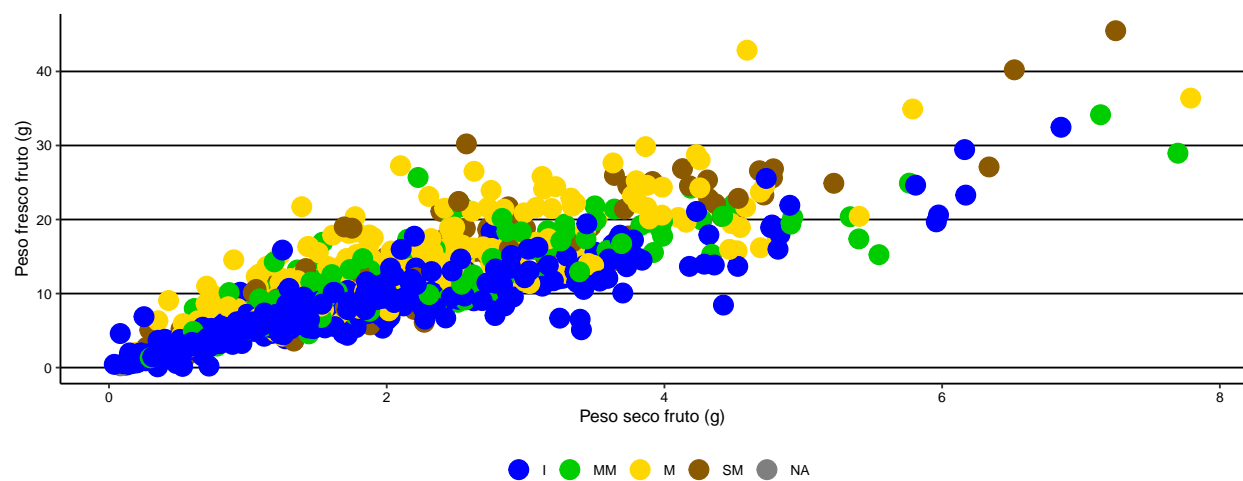


Modelo para peso seco

Carga de datos y conversión de variables

Gráfico de dispersión



Se ajusta el modelo

Predicciones del modelo

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

##
## 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
```

#-----

Se filtran datos para 2022

Nueva variable peso seco de pulpa

Se quita valores negativos

Ajuste del modelo

Predicciones del modelo

```
##           1           2           3           4           5           6           7           8           9
## 0.41518383 0.54205166 1.10504647 0.58364759 1.20955476 0.75488511 0.69336510 0.46000654 0.16309070 0
##           12          13          14          15          16          17          18          19          20
## 0.65348648 0.95546373 0.57117398 1.36305221 0.62334085 1.11192134 0.95152214 1.57156426 0.78778129 0
##           23          24          25          26          27          28          29          30          31
## 0.93228805 0.99821241 0.54050163 0.99245979 0.55915917 0.72896045 0.95313400 0.99641185 1.05412609 0
##           34          35          36          37          38          39          40          41          42
## 1.02657708 1.27249616 1.37520296 0.97273939 0.84511771 0.37292400 0.31973607 0.37440918 0.23025411 0
##           45          46          47          48          49          50          51          52          53
## 0.78341802 0.50457590 0.30519078 0.17393819 0.14117146 0.13736569 0.11907944 0.50304335 0.54537091 0
##           56          57          58          59          60          61          62          63          64
## 0.38859183 0.26374408 0.12794313 0.29111728 0.16940348 0.25565866 0.45300166 0.66489592 0.62203345 1
##           67          68          69          70          71          72          73          74          75
## 0.91212312 0.68238712 0.96413367 1.77541204 1.84428716 0.57276000 0.82698761 0.92213425 0.29770982 0
##           78          79          80          81          82          83          84          85          86
## 0.67786985 0.47927626 0.03425297 1.24674188 0.17246733 1.26261471 0.48555576 0.08455776 1.51234850 1
##           89          90          91          92          93          94          95          96          97
## 0.35643812 0.05772443 0.43600269 0.56242845 0.16040939 0.56459761 0.94870171 0.56215730 0.57236790 0
##           100         101         102         103         104         105         106         107         108
## 0.63585925 0.86634591 0.47630110 0.50480038 0.63853716 0.32889720 0.20841459 0.53988527 0.38802828 0
##           111         112         113         114         115         116         117         118         119
## 1.63816461 0.79941046 0.38042673 0.23395107 0.62678059 1.83309420 0.58099651 0.84881467 0.83303466 0
##           122         123         124         125         126         127         128         129         130
## 0.88767444 1.08770932 0.77387269 0.25872126 0.53086048 0.95209403 0.64948905 0.35352349 0.56344157 0
##           133         134         135         136         137         138         139         140         141
## 0.79364412 0.39313050 0.62259046 0.81139369 0.40250568 0.69443594 0.74799516 0.62388999 0.89335694 0
```

```
##      144      145      146      147      148      149      150      151      152
## 0.56002735 1.80161393 1.34572845 0.84132495 0.68556693 1.10837848 0.77077900 1.13279109 1.09361952 2
##      155      156      157      158      159      160      161      162      163
## 1.01713287 0.50548912 0.36003453 1.42192227 1.74114267 1.44707747 0.93747584 0.71952600 2.30978011 0
##      166      167      168      169      170      171      172      173      174
## 1.01414814 1.09017068 1.04645076 1.18271582 0.78491840 1.07462089 0.70082021 0.58497634 0.45418787 0
##      177      178      179      180      181      182      183      184      185
## 1.26166046 0.34818331 1.14804436 0.29174655 0.47368083 0.36966061 0.51715732 0.15013276 0.17333867 0
##      188      189      190      191      192      193      194      195      196
## 0.98693762 0.40168475 0.72276162 0.20462022 0.51548650 1.15364883 2.37402801 1.12703562 2.12173343 1
##      199      200      201      202      203      204      205      206      207
## 0.88198128 0.98436573 0.53231474 1.57836426 1.19138262 0.80795033 0.80108138 0.77852524 0.45401390 1
##      210      211      212      213      214      215      216      217      218
## 1.15780837 0.98450669 0.59288387 0.42422337 0.41308454 0.27338500 0.26308158 0.29612679 0.23031485 0
##      221      222      223      224      225      226      227      228      229
## 0.30856901 0.27979369 0.26809791 0.22864788 0.18381407 0.04699207 0.71956621 0.48165930 0.42856419 0
##      232      233      234      235
## 0.33861811 0.21330624 0.18332421 0.18118927
```

```
## Error in eval(expr, envir, enclos): object 'predicciones' not found
```

```
## Error in `$$<-`:
## ! Assigned data `datospeso3$predichos/datospeso3$pf` must be compatible with existing data.
## x Existing data has 235 rows.
## x Assigned data has 0 rows.
## i Only vectors of size 1 are recycled.
## Caused by error in `vectbl_recycle_rhs_rows()`:
## ! Can't recycle input of size 0 to size 235.
```

```
## Error in `dplyr::summarise()`:
## i In argument: `mean = mean(f_psp)`.
## i In group 1: `phenotype = 154`.
## Caused by error in `h()`:
## ! error in evaluating the argument 'x' in selecting a method for function 'mean': object 'f_psp' not found
```

```
## Error in eval(expr, envir, enclos): object 'tabla_ps' not found
```