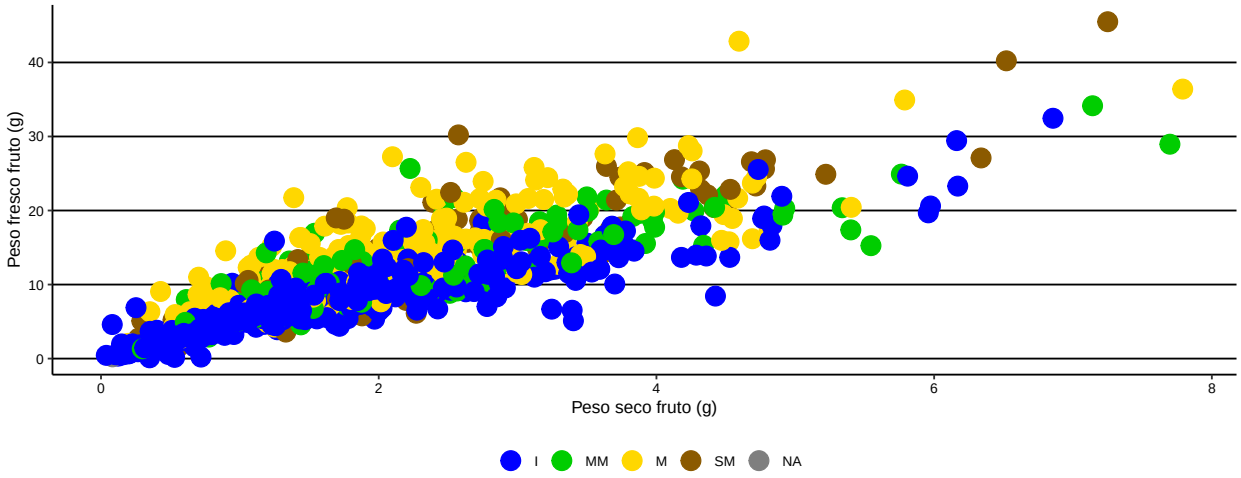
Modelo para peso seco

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
##         10         11         12         13         14         15         16         17         18
## 0.38138250 1.46172371 0.65348648 0.95546373 0.57117398 1.36305221 0.62334085 1.11192134 0.95152214
##         19         20         21         22         23         24         25         26         27
## 1.57156426 0.78778129 0.97203860 1.10523804 0.93228805 0.99821242 0.54050163 0.99245979 0.55915917
##         28         29         30         31         32         33         34         35         36
## 0.72896045 0.95313400 0.99641185 1.05412609 0.93245638 1.37668814 1.02657708 1.27249616 1.37520296
##         37         38         39         40         41         42         43         44         45
## 0.97273939 0.84511771 0.37292400 0.31973607 0.37440918 0.23025411 0.16954747 0.12638449 0.78341802
##         46         47         48         49         50         51         52         53         54
## 0.50457590 0.30519078 0.17393819 0.14117146 0.13736569 0.11907944 0.50304335 0.54537091 0.50443570
##         55         56         57         58         59         60         61         62         63
## 0.36677829 0.38859183 0.26374408 0.12794313 0.29111728 0.16940348 0.25565866 0.45300166 0.66489592
##         64         65         66         67         68         69         70         71         72
## 0.62203345 1.47545373 0.88817707 0.91212312 0.68238712 0.96413367 1.77541204 1.84428716 0.57276000
##         73         74         75         76         77         78         79         80         81
## 0.82698761 0.92213425 0.29770982 0.30439312 0.17044865 0.67786985 0.47927626 0.03425297 1.24674188
##         82         83         84         85         86         87         88         89         90
## 0.17246733 1.26261471 0.48555576 0.08455776 1.51234850 1.66147216 1.02372501 0.35643812 0.05772443
##         91         92         93         94         95         96         97         98         99
## 0.43600269 0.56242845 0.16040939 0.56459761 0.94870171 0.56215730 0.57236790 0.70160526 0.79142918
##        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
##        109        110        111        112        113        114        115        116        117
## 0.17870860 0.40314647 1.63816461 0.79941046 0.38042673 0.23395107 0.62678059 1.83309420 0.58099651
```

```
##         118         119         120         121         122         123         124         125         126
## 0.84881467 0.83303466 0.60468613 0.90202949 0.88767444 1.08770932 0.77387269 0.25872126 0.53086048
##         127         128         129         130         131         132         133         134         135
## 0.95209403 0.64948905 0.35352349 0.56344157 0.80480500 1.29389261 0.79364412 0.39313050 0.62259046
##         136         137         138         139         140         141         142         143         144
## 0.81139369 0.40250568 0.69443594 0.74799516 0.62388999 0.89335694 0.87553480 0.90904413 0.56002735
##         145         146         147         148         149         150         151         152         153
## 1.80161393 1.34572845 0.84132495 0.68556693 1.10837848 0.77077900 1.13279109 1.09361952 2.23804183
##         154         155         156         157         158         159         160         161         162
## 0.78024701 1.01713287 0.50548912 0.36003453 1.42192227 1.74114267 1.44707747 0.93747584 0.71952600
##         163         164         165         166         167         168         169         170         171
## 2.30978011 0.60451755 0.88178167 1.01414814 1.09017068 1.04645076 1.18271582 0.78491840 1.07462089
##         172         173         174         175         176         177         178         179         180
## 0.70082021 0.58497634 0.45418787 0.61458707 0.52770417 1.26166046 0.34818331 1.14804436 0.29174655
##         181         182         183         184         185         186         187         188         189
## 0.47368083 0.36966061 0.51715732 0.15013276 0.17333867 0.58853868 0.73770622 0.98693762 0.40168475
##         190         191         192         193         194         195         196         197         198
## 0.72276162 0.20462022 0.51548650 1.15364883 2.37402801 1.12703562 2.12173343 1.32317191 0.50075471
##         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
##         208         209         210         211         212         213         214         215         216
## 1.35997819 0.89548884 1.15780837 0.98450669 0.59288387 0.42422337 0.41308454 0.27338500 0.26308158
##         217         218         219         220         221         222         223         224         225
## 0.29612679 0.23031485 0.19689835 0.36732635 0.30856901 0.27979369 0.26809791 0.22864788 0.18381407
##         226         227         228         229         230         231         232         233         234
## 0.04699207 0.71956621 0.48165930 0.42856419 0.36377331 0.36433025 0.33861811 0.21330624 0.18332421
##         235
## 0.18118927
```

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

```
## Error in `$<-`:
## ! Assigned data `datospeso3$predichos/datospeso3$pff` 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
```

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