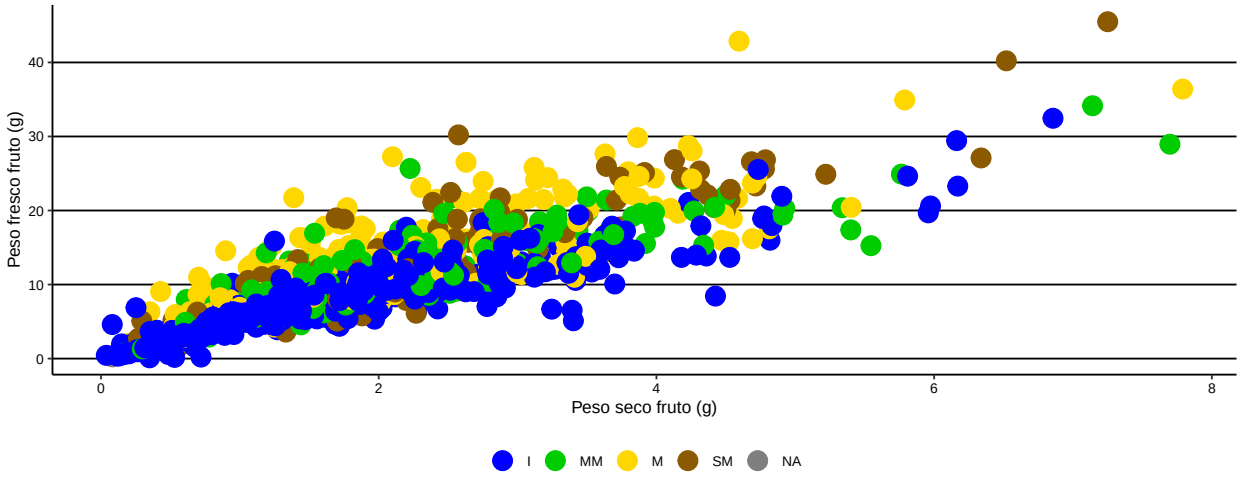
Modelo para peso seco

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
##    0.174913     0.165712
```

```
##
## Call:
## lm(formula = psf ~ pff, data = datospeso)
##
## Residuals:
##       Min        1Q    Median        3Q       Max
## -2.684008 -0.262224 -0.073540  0.220119  2.851142
##
```

```
## Coefficients:
##               Estimate Std. Error t value   Pr(>|t|)
## (Intercept) 0.17491331 0.03282967  5.3279 1.1921e-07 ***
## pff         0.16571249 0.00280952 58.9826 < 2.22e-16 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 0.616231 on 1164 degrees of freedom
## Multiple R-squared:  0.749297,   Adjusted R-squared:  0.749082
## F-statistic: 3478.94 on 1 and 1164 DF,  p-value: < 2.22e-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
## 0.4151838268 0.5420516591 1.1050464662 0.5836475892 1.2095547605 0.7548851076 0.6933650976 0.4600065
##           12           13           14           15           16           17           18
## 0.6534864812 0.9554637326 0.5711739823 1.3630522092 0.6233408518 1.1119213387 0.9515221386 1.5715642
##           23           24           25           26           27           28           29
## 0.9322880457 0.9982124150 0.5405016272 0.9924597900 0.5591591730 0.7289604509 0.9531340014 0.9964118
##           34           35           36           37           38           39           40
## 1.0265770832 1.2724961611 1.3752029615 0.9727393887 0.8451177082 0.3729239982 0.3197360690 0.3744091
##           45           46           47           48           49           50           51
## 0.7834180247 0.5045758968 0.3051907800 0.1739381938 0.1411714590 0.1373656910 0.1190794396 0.5030433
##           56           57           58           59           60           61           62
## 0.3885918337 0.2637440766 0.1279431335 0.2911172800 0.1694034815 0.2556586605 0.4530016578 0.6648959
##           67           68           69           70           71           72           73
## 0.9121231203 0.6823871215 0.9641336745 1.7754120361 1.8442871556 0.5727599979 0.8269876122 0.9221342
##           78           79           80           81           82           83           84
## 0.6778698490 0.4792762584 0.0342529734 1.2467418756 0.1724673304 1.2626147131 0.4855557596 0.0845577
##           89           90           91           92           93           94           95
## 0.3564381165 0.0577244336 0.4360026934 0.5624284518 0.1604093918 0.5645976099 0.9487017129 0.5621573
##          100          101          102          103          104          105          106
## 0.6358592503 0.8663459093 0.4763010951 0.5048003827 0.6385371621 0.3288972006 0.2084145922 0.5398852
##          111          112          113          114          115          116          117
## 1.6381646144 0.7994104638 0.3804267272 0.2339510688 0.6267805913 1.8330941979 0.5809965067 0.8488146
##          122          123          124          125          126          127          128
## 0.8876744397 1.0877093218 0.7738726924 0.2587212557 0.5308604784 0.9520940259 0.6494890535 0.3535234
##          133          134          135          136          137          138          139
## 0.7936441216 0.3931304956 0.6225904624 0.8113936875 0.4025056803 0.6944359375 0.7479951611 0.6238899
```

```
##          144          145          146          147          148          149          150
## 0.5600273485 1.8016139273 1.3457284526 0.8413249495 0.6855669299 1.1083784788 0.7707790050 1.1327910
##          155          156          157          158          159          160          161
## 1.0171328691 0.5054891243 0.3600345255 1.4219222666 1.7411426654 1.4470774652 0.9374758399 0.7195260
##          166          167          168          169          170          171          172
## 1.0141481427 1.0901706803 1.0464507594 1.1827158206 0.7849183978 1.0746208883 0.7008202061 0.5849763
##          177          178          179          180          181          182          183
## 1.2616604648 0.3481833073 1.1480443648 0.2917465517 0.4736808296 0.3696606052 0.5171573234 0.1501327
##          188          189          190          191          192          193          194
## 0.9869376195 0.4016847511 0.7227616221 0.2046202246 0.5154864984 1.1536488252 2.3740280099 1.1270356
##          199          200          201          202          203          204          205
## 0.8819812839 0.9843657270 0.5323147406 1.5783642582 1.1913826232 0.8079503297 0.8010813825 0.7785252
##          210          211          212          213          214          215          216
## 1.1578083688 0.9845066868 0.5928838712 0.4242233697 0.4130845364 0.2733850016 0.2630815807 0.2961267
##          221          222          223          224          225          226          227
## 0.3085690054 0.2797936859 0.2680979109 0.2286478761 0.1838140719 0.0469920691 0.7195662118 0.4816592
##          232          233          234          235
## 0.3386181116 0.2133062365 0.1833242101 0.1811892670
```

```
## Error in eval(expr, envir, enclos): objeto 'predicciones' no encontrado
```

```
## 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': objeto 'f_psp' no
```

```
## Error in eval(expr, envir, enclos): objeto 'tabla_ps' no encontrado
```