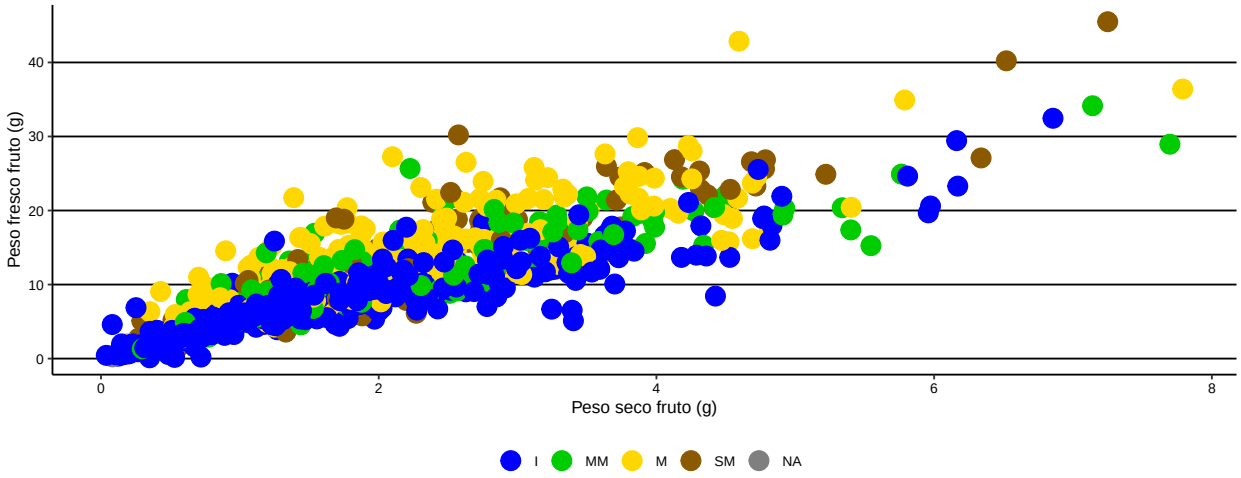
Modelo para peso seco

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
##           11           12           13           14           15           16           17
## 1.4617237079 0.6534864812 0.9554637326 0.5711739823 1.3630522092 0.6233408518 1.1119213387 0.9515221
##           21           22           23           24           25           26           27
## 0.9720385955 1.1052380387 0.9322880457 0.9982124150 0.5405016272 0.9924597900 0.5591591730 0.7289604
##           31           32           33           34           35           36           37
## 1.0541260904 0.9324563804 1.3766881392 1.0265770832 1.2724961611 1.3752029615 0.9727393887 0.8451177
##           41           42           43           44           45           46           47
## 0.3744091759 0.2302541078 0.1695474661 0.1263844869 0.7834180247 0.5045758968 0.3051907800 0.1739381
##           51           52           53           54           55           56           57
## 0.1190794396 0.5030433462 0.5453709129 0.5044357004 0.3667782850 0.3885918337 0.2637440766 0.1279431
##           61           62           63           64           65           66           67
## 0.2556586605 0.4530016578 0.6648959179 0.6220334538 1.4754537349 0.8881770675 0.9121231203 0.6823871
##           71           72           73           74           75           76           77
## 1.8442871556 0.5727599979 0.8269876122 0.9221342525 0.2977098201 0.3043931201 0.1704486492 0.6778698
##           81           82           83           84           85           86           87
## 1.2467418756 0.1724673304 1.2626147131 0.4855557596 0.0845577593 1.5123485022 1.6614721590 1.0237250
##           91           92           93           94           95           96           97
## 0.4360026934 0.5624284518 0.1604093918 0.5645976099 0.9487017129 0.5621573030 0.5723679002 0.7016052
##          101          102          103          104          105          106          107
## 0.8663459093 0.4763010951 0.5048003827 0.6385371621 0.3288972006 0.2084145922 0.5398852688 0.3880282
##          111          112          113          114          115          116          117
## 1.6381646144 0.7994104638 0.3804267272 0.2339510688 0.6267805913 1.8330941979 0.5809965067 0.8488146
##          121          122          123          124          125          126          127
## 0.9020294914 0.8876744397 1.0877093218 0.7738726924 0.2587212557 0.5308604784 0.9520940259 0.6494890
```

```
##          131          132          133          134          135          136          137
## 0.8048049992 1.2938926065 0.7936441216 0.3931304956 0.6225904624 0.8113936875 0.4025056803 0.6944359
##          141          142          143          144          145          146          147
## 0.8933569362 0.8755348029 0.9090441265 0.5600273485 1.8016139273 1.3457284526 0.8413249495 0.6855669
##          151          152          153          154          155          156          157
## 1.1327910886 1.0936195247 2.2380418268 0.7802470133 1.0171328691 0.5054891243 0.3600345255 1.4219222
##          161          162          163          164          165          166          167
## 0.9374758399 0.7195260008 2.3097801075 0.6045175466 0.8817816732 1.0141481427 1.0901706803 1.0464507
##          171          172          173          174          175          176          177
## 1.0746208883 0.7008202061 0.5849763394 0.4541878712 0.6145870713 0.5277041713 1.2616604648 0.3481833
##          181          182          183          184          185          186          187
## 0.4736808296 0.3696606052 0.5171573234 0.1501327648 0.1733386676 0.5885386804 0.7377062235 0.9869376
##          191          192          193          194          195          196          197
## 0.2046202246 0.5154864984 1.1536488252 2.3740280099 1.1270356174 2.1217334347 1.3231719078 0.5007547
##          201          202          203          204          205          206          207
## 0.5323147406 1.5783642582 1.1913826232 0.8079503297 0.8010813825 0.7785252450 0.4540139003 1.3599781
##          211          212          213          214          215          216          217
## 0.9845066868 0.5928838712 0.4242233697 0.4130845364 0.2733850016 0.2630815807 0.2961267863 0.2303148
##          221          222          223          224          225          226          227
## 0.3085690054 0.2797936859 0.2680979109 0.2286478761 0.1838140719 0.0469920691 0.7195662118 0.4816592
##          231          232          233          234          235
## 0.3643302519 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
```