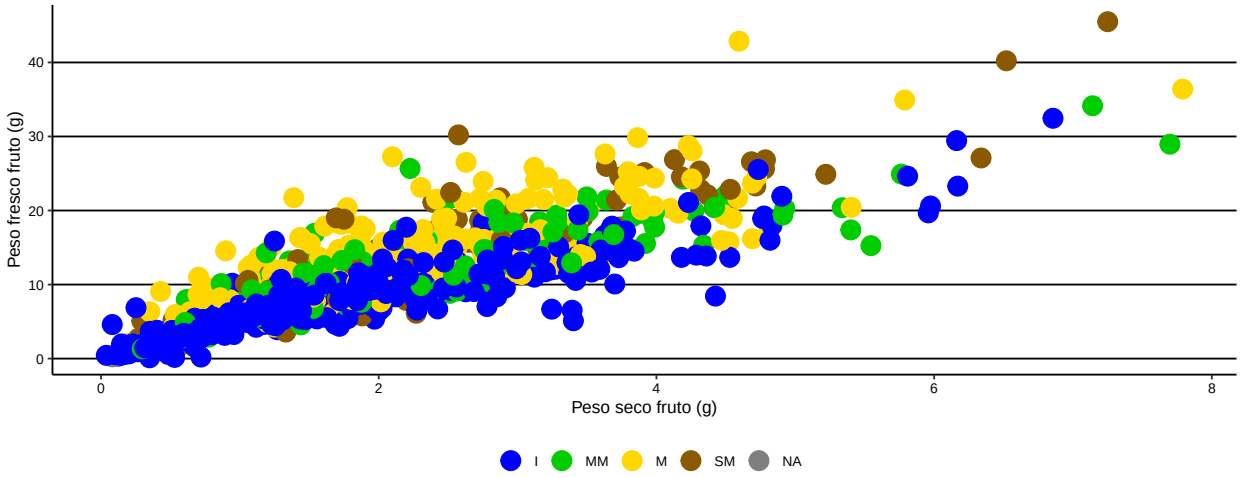
Modelo para peso seco

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
##           10           11           12           13           14           15           16
## 0.3813825016 1.4617237079 0.6534864812 0.9554637326 0.5711739823 1.3630522092 0.6233408518 1.1119213
##           19           20           21           22           23           24           25
## 1.5715642559 0.7877812885 0.9720385955 1.1052380387 0.9322880457 0.9982124150 0.5405016272 0.9924597
##           28           29           30           31           32           33           34
## 0.7289604509 0.9531340014 0.9964118485 1.0541260904 0.9324563804 1.3766881392 1.0265770832 1.2724961
##           37           38           39           40           41           42           43
## 0.9727393887 0.8451177082 0.3729239981 0.3197360689 0.3744091759 0.2302541078 0.1695474661 0.1263844
##           46           47           48           49           50           51           52
## 0.5045758968 0.3051907800 0.1739381938 0.1411714590 0.1373656910 0.1190794396 0.5030433462 0.5453709
##           55           56           57           58           59           60           61
## 0.3667782850 0.3885918336 0.2637440766 0.1279431335 0.2911172800 0.1694034815 0.2556586605 0.4530016
##           64           65           66           67           68           69           70
## 0.6220334538 1.4754537349 0.8881770675 0.9121231203 0.6823871215 0.9641336745 1.7754120362 1.8442871
##           73           74           75           76           77           78           79
## 0.8269876122 0.9221342525 0.2977098201 0.3043931201 0.1704486492 0.6778698490 0.4792762584 0.0342529
##           82           83           84           85           86           87           88
## 0.1724673304 1.2626147131 0.4855557596 0.0845577593 1.5123485022 1.6614721590 1.0237250130 0.3564381
##           91           92           93           94           95           96           97
## 0.4360026934 0.5624284518 0.1604093918 0.5645976099 0.9487017130 0.5621573030 0.5723679002 0.7016052
##          100          101          102          103          104          105          106
## 0.6358592502 0.8663459093 0.4763010951 0.5048003827 0.6385371621 0.3288972006 0.2084145922 0.5398852
##          109          110          111          112          113          114          115
## 0.1787085977 0.4031464677 1.6381646144 0.7994104638 0.3804267272 0.2339510688 0.6267805913 1.8330941
```

```
##          118          119          120          121          122          123          124
## 0.8488146692 0.8330346553 0.6046861329 0.9020294915 0.8876744397 1.0877093218 0.7738726924 0.2587212
##          127          128          129          130          131          132          133
## 0.9520940259 0.6494890535 0.3535234947 0.5634415659 0.8048049992 1.2938926065 0.7936441216 0.3931304
##          136          137          138          139          140          141          142
## 0.8113936875 0.4025056803 0.6944359375 0.7479951611 0.6238899930 0.8933569362 0.8755348029 0.9090441
##          145          146          147          148          149          150          151
## 1.8016139273 1.3457284526 0.8413249495 0.6855669299 1.1083784788 0.7707790050 1.1327910886 1.0936195
##          154          155          156          157          158          159          160
## 0.7802470133 1.0171328691 0.5054891243 0.3600345256 1.4219222666 1.7411426654 1.4470774652 0.9374758
##          163          164          165          166          167          168          169
## 2.3097801075 0.6045175466 0.8817816732 1.0141481427 1.0901706803 1.0464507594 1.1827158206 0.7849183
##          172          173          174          175          176          177          178
## 0.7008202061 0.5849763394 0.4541878712 0.6145870713 0.5277041713 1.2616604648 0.3481833073 1.1480443
##          181          182          183          184          185          186          187
## 0.4736808296 0.3696606052 0.5171573234 0.1501327648 0.1733386676 0.5885386804 0.7377062235 0.9869376
##          190          191          192          193          194          195          196
## 0.7227616221 0.2046202246 0.5154864984 1.1536488252 2.3740280099 1.1270356174 2.1217334347 1.3231719
##          199          200          201          202          203          204          205
## 0.8819812839 0.9843657270 0.5323147406 1.5783642582 1.1913826232 0.8079503297 0.8010813825 0.7785252
##          208          209          210          211          212          213          214
## 1.3599781940 0.8954888437 1.1578083688 0.9845066868 0.5928838712 0.4242233697 0.4130845364 0.2733850
##          217          218          219          220          221          222          223
## 0.2961267863 0.2303148460 0.1968983460 0.3673263512 0.3085690054 0.2797936859 0.2680979109 0.2286478
##          226          227          228          229          230          231          232
## 0.0469920691 0.7195662118 0.4816592964 0.4285641908 0.3637733102 0.3643302519 0.3386181116 0.2133062
##          235
## 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
```