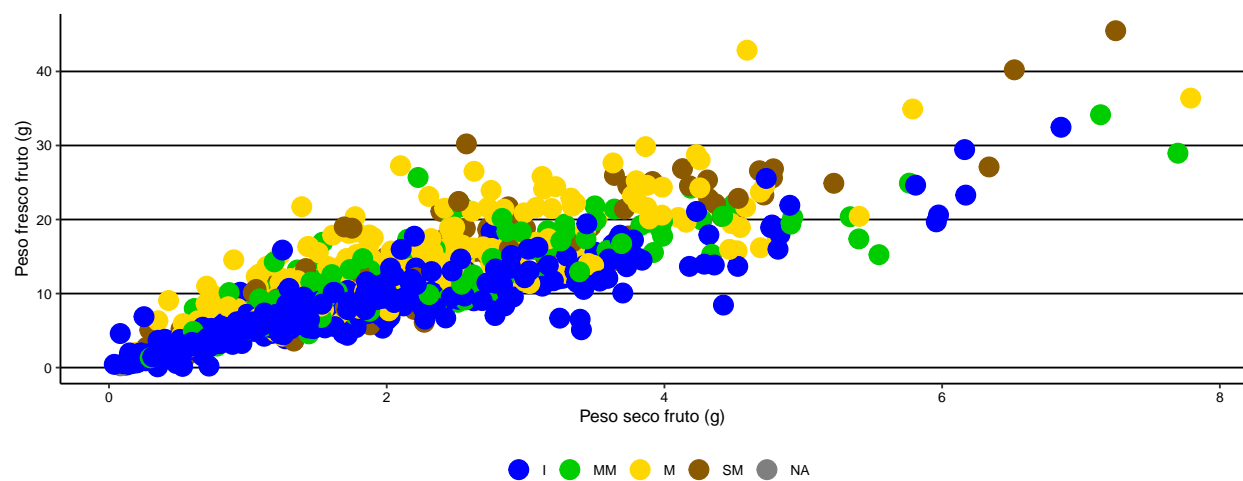


## Modelo para peso seco

### 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
##	0.41518383	0.54205166	1.10504647	0.58364759	1.20955476	0.75488511	0.69336510	0.46000654
##	9	10	11	12	13	14	15	16
##	0.16309070	0.38138250	1.46172371	0.65348648	0.95546373	0.57117398	1.36305221	0.62334085
##	17	18	19	20	21	22	23	24
##	1.11192134	0.95152214	1.57156426	0.78778129	0.97203860	1.10523804	0.93228805	0.99821241
##	25	26	27	28	29	30	31	32
##	0.54050163	0.99245979	0.55915917	0.72896045	0.95313400	0.99641185	1.05412609	0.93245638
##	33	34	35	36	37	38	39	40
##	1.37668814	1.02657708	1.27249616	1.37520296	0.97273939	0.84511771	0.37292400	0.31973607
##	41	42	43	44	45	46	47	48
##	0.37440918	0.23025411	0.16954747	0.12638449	0.78341802	0.50457590	0.30519078	0.17393819
##	49	50	51	52	53	54	55	56
##	0.14117146	0.13736569	0.11907944	0.50304335	0.54537091	0.50443570	0.36677829	0.38859183
##	57	58	59	60	61	62	63	64
##	0.26374408	0.12794313	0.29111728	0.16940348	0.25565866	0.45300166	0.66489592	0.62203345
##	65	66	67	68	69	70	71	72
##	1.47545373	0.88817707	0.91212312	0.68238712	0.96413367	1.77541204	1.84428716	0.57276000
##	73	74	75	76	77	78	79	80
##	0.82698761	0.92213425	0.29770982	0.30439312	0.17044865	0.67786985	0.47927626	0.03425297
##	81	82	83	84	85	86	87	88
##	1.24674188	0.17246733	1.26261471	0.48555576	0.08455776	1.51234850	1.66147216	1.02372501
##	89	90	91	92	93	94	95	96
##	0.35643812	0.05772443	0.43600269	0.56242845	0.16040939	0.56459761	0.94870171	0.56215730
##	97	98	99	100	101	102	103	104
##	0.57236790	0.70160526	0.79142918	0.63585925	0.86634591	0.47630110	0.50480038	0.63853716

```
##      105      106      107      108      109      110      111      112
## 0.32889720 0.20841459 0.53988527 0.38802828 0.17870860 0.40314647 1.63816461 0.79941046
##      113      114      115      116      117      118      119      120
## 0.38042673 0.23395107 0.62678059 1.83309420 0.58099651 0.84881467 0.83303466 0.60468613
##      121      122      123      124      125      126      127      128
## 0.90202949 0.88767444 1.08770932 0.77387269 0.25872126 0.53086048 0.95209403 0.64948905
##      129      130      131      132      133      134      135      136
## 0.35352349 0.56344157 0.80480500 1.29389261 0.79364412 0.39313050 0.62259046 0.81139369
##      137      138      139      140      141      142      143      144
## 0.40250568 0.69443594 0.74799516 0.62388999 0.89335694 0.87553480 0.90904413 0.56002735
##      145      146      147      148      149      150      151      152
## 1.80161393 1.34572845 0.84132495 0.68556693 1.10837848 0.77077900 1.13279109 1.09361952
##      153      154      155      156      157      158      159      160
## 2.23804183 0.78024701 1.01713287 0.50548912 0.36003453 1.42192227 1.74114267 1.44707747
##      161      162      163      164      165      166      167      168
## 0.93747584 0.71952600 2.30978011 0.60451755 0.88178167 1.01414814 1.09017068 1.04645076
##      169      170      171      172      173      174      175      176
## 1.18271582 0.78491840 1.07462089 0.70082021 0.58497634 0.45418787 0.61458707 0.52770417
##      177      178      179      180      181      182      183      184
## 1.26166046 0.34818331 1.14804436 0.29174655 0.47368083 0.36966061 0.51715732 0.15013276
##      185      186      187      188      189      190      191      192
## 0.17333867 0.58853868 0.73770622 0.98693762 0.40168475 0.72276162 0.20462022 0.51548650
##      193      194      195      196      197      198      199      200
## 1.15364883 2.37402801 1.12703562 2.12173343 1.32317191 0.50075471 0.88198128 0.98436573
##      201      202      203      204      205      206      207      208
## 0.53231474 1.57836426 1.19138262 0.80795033 0.80108138 0.77852524 0.45401390 1.35997819
##      209      210      211      212      213      214      215      216
## 0.89548884 1.15780837 0.98450669 0.59288387 0.42422337 0.41308454 0.27338500 0.26308158
##      217      218      219      220      221      222      223      224
## 0.29612679 0.23031485 0.19689835 0.36732635 0.30856901 0.27979369 0.26809791 0.22864788
##      225      226      227      228      229      230      231      232
## 0.18381407 0.04699207 0.71956621 0.48165930 0.42856419 0.36377331 0.36433025 0.33861811
##      233      234      235
## 0.21330624 0.18332421 0.18118927
```

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

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

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