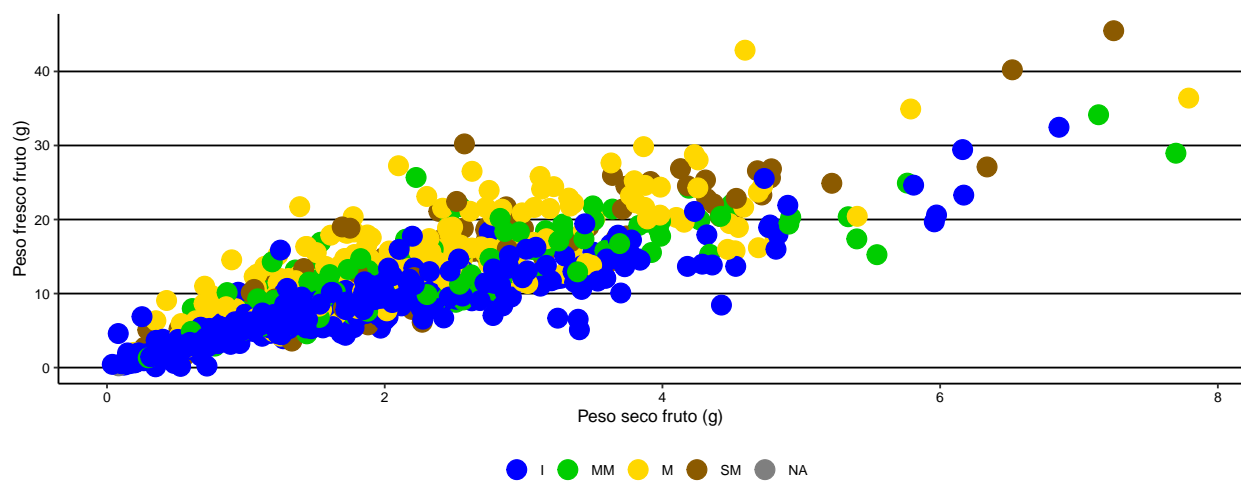


## Modelo para peso seco

### 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
##	8	9	10	11	12	13	14
##	0.4600065391	0.1630907000	0.3813825016	1.4617237079	0.6534864812	0.9554637326	0.5711739823
##	15	16	17	18	19	20	21
##	1.3630522092	0.6233408518	1.1119213387	0.9515221386	1.5715642559	0.7877812885	0.9720385955
##	22	23	24	25	26	27	28
##	1.1052380387	0.9322880457	0.9982124150	0.5405016272	0.9924597900	0.5591591730	0.7289604509
##	29	30	31	32	33	34	35
##	0.9531340014	0.9964118485	1.0541260904	0.9324563804	1.3766881392	1.0265770832	1.2724961611
##	36	37	38	39	40	41	42
##	1.3752029615	0.9727393887	0.8451177082	0.3729239982	0.3197360690	0.3744091759	0.2302541078
##	43	44	45	46	47	48	49
##	0.1695474661	0.1263844869	0.7834180247	0.5045758968	0.3051907800	0.1739381938	0.1411714590
##	50	51	52	53	54	55	56
##	0.1373656910	0.1190794396	0.5030433462	0.5453709129	0.5044357004	0.3667782850	0.3885918337
##	57	58	59	60	61	62	63
##	0.2637440766	0.1279431335	0.2911172800	0.1694034815	0.2556586605	0.4530016578	0.6648959179
##	64	65	66	67	68	69	70
##	0.6220334538	1.4754537349	0.8881770675	0.9121231203	0.6823871215	0.9641336745	1.7754120361
##	71	72	73	74	75	76	77
##	1.8442871556	0.5727599979	0.8269876122	0.9221342525	0.2977098201	0.3043931201	0.1704486492
##	78	79	80	81	82	83	84
##	0.6778698490	0.4792762584	0.0342529734	1.2467418756	0.1724673304	1.2626147131	0.4855557596
##	85	86	87	88	89	90	91
##	0.0845577593	1.5123485022	1.6614721590	1.0237250130	0.3564381165	0.0577244336	0.4360026934

```

##          92          93          94          95          96          97          98
## 0.5624284518 0.1604093918 0.5645976099 0.9487017129 0.5621573030 0.5723679002 0.7016052600
##          99          100          101          102          103          104          105
## 0.7914291837 0.6358592503 0.8663459093 0.4763010951 0.5048003827 0.6385371621 0.3288972006
##          106          107          108          109          110          111          112
## 0.2084145922 0.5398852688 0.3880282798 0.1787085977 0.4031464677 1.6381646144 0.7994104638
##          113          114          115          116          117          118          119
## 0.3804267272 0.2339510688 0.6267805913 1.8330941979 0.5809965067 0.8488146692 0.8330346553
##          120          121          122          123          124          125          126
## 0.6046861329 0.9020294914 0.8876744397 1.0877093218 0.7738726924 0.2587212557 0.5308604784
##          127          128          129          130          131          132          133
## 0.9520940259 0.6494890535 0.3535234947 0.5634415659 0.8048049992 1.2938926065 0.7936441216
##          134          135          136          137          138          139          140
## 0.3931304956 0.6225904624 0.8113936875 0.4025056803 0.6944359375 0.7479951611 0.6238899930
##          141          142          143          144          145          146          147
## 0.8933569362 0.8755348029 0.9090441265 0.5600273485 1.8016139273 1.3457284526 0.8413249495
##          148          149          150          151          152          153          154
## 0.6855669299 1.1083784788 0.7707790050 1.1327910886 1.0936195247 2.2380418268 0.7802470133
##          155          156          157          158          159          160          161
## 1.0171328691 0.5054891243 0.3600345255 1.4219222666 1.7411426654 1.4470774652 0.9374758399
##          162          163          164          165          166          167          168
## 0.7195260008 2.3097801075 0.6045175466 0.8817816732 1.0141481427 1.0901706803 1.0464507594
##          169          170          171          172          173          174          175
## 1.1827158206 0.7849183978 1.0746208883 0.7008202061 0.5849763394 0.4541878712 0.6145870713
##          176          177          178          179          180          181          182
## 0.5277041713 1.2616604648 0.3481833073 1.1480443648 0.2917465517 0.4736808296 0.3696606052
##          183          184          185          186          187          188          189
## 0.5171573234 0.1501327648 0.1733386676 0.5885386804 0.7377062235 0.9869376195 0.4016847511
##          190          191          192          193          194          195          196
## 0.7227616221 0.2046202246 0.5154864984 1.1536488252 2.3740280099 1.1270356174 2.1217334347
##          197          198          199          200          201          202          203
## 1.3231719078 0.5007547128 0.8819812839 0.9843657270 0.5323147406 1.5783642582 1.1913826232
##          204          205          206          207          208          209          210
## 0.8079503297 0.8010813825 0.7785252450 0.4540139003 1.3599781940 0.8954888437 1.1578083688
##          211          212          213          214          215          216          217
## 0.9845066868 0.5928838712 0.4242233697 0.4130845364 0.2733850016 0.2630815807 0.2961267863
##          218          219          220          221          222          223          224
## 0.2303148460 0.1968983460 0.3673263512 0.3085690054 0.2797936859 0.2680979109 0.2286478761
##          225          226          227          228          229          230          231
## 0.1838140719 0.0469920691 0.7195662118 0.4816592964 0.4285641908 0.3637733102 0.3643302519
##          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$predichos/datospeso3$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
```