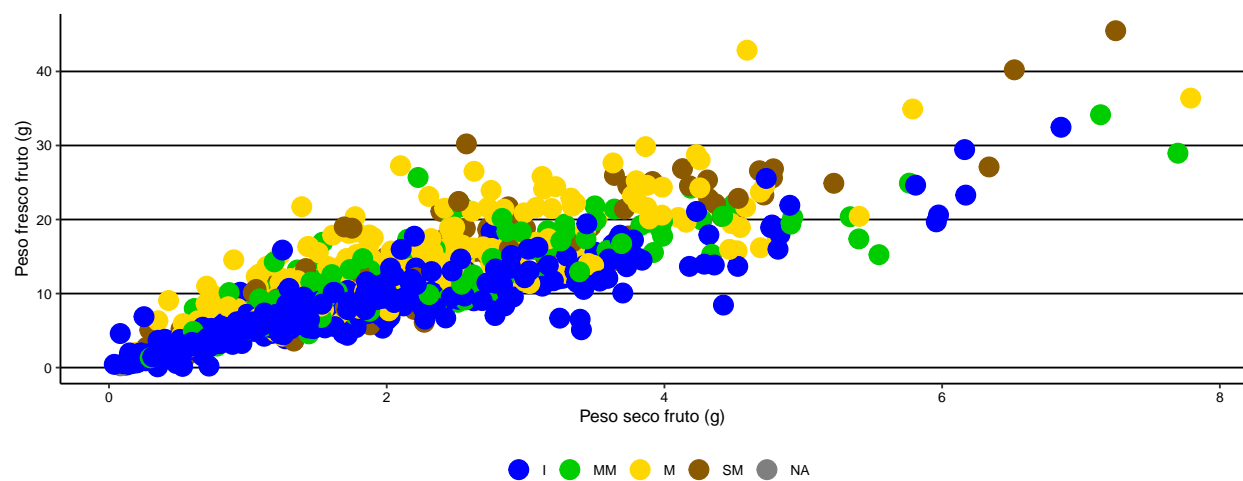


## Modelo para peso seco

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

```
##          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$predichos/datospeso3$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
```