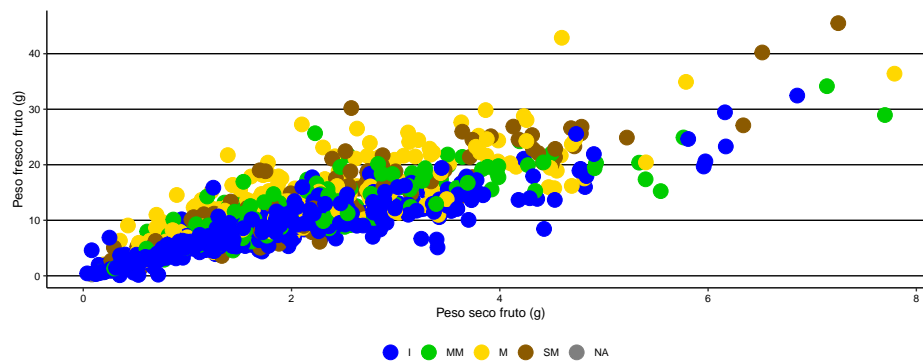


## Modelo para peso seco

### 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
##	10	11	12	13	14	15	16
##	0.3813825016	1.4617237079	0.6534864812	0.9554637326	0.5711739823	1.3630522092	0.6233408518
##	19	20	21	22	23	24	25
##	1.5715642559	0.7877812885	0.9720385955	1.1052380387	0.9322880457	0.9982124150	0.5405016272
##	28	29	30	31	32	33	34
##	0.7289604509	0.9531340014	0.9964118485	1.0541260904	0.9324563804	1.3766881392	1.0265770832
##	37	38	39	40	41	42	43
##	0.9727393887	0.8451177082	0.3729239981	0.3197360689	0.3744091759	0.2302541078	0.1695474661
##	46	47	48	49	50	51	52
##	0.5045758968	0.3051907800	0.1739381938	0.1411714590	0.1373656910	0.1190794396	0.5030433462
##	55	56	57	58	59	60	61
##	0.3667782850	0.3885918336	0.2637440766	0.1279431335	0.2911172800	0.1694034815	0.2556586605
##	64	65	66	67	68	69	70
##	0.6220334538	1.4754537349	0.8881770675	0.9121231203	0.6823871215	0.9641336745	1.7754120362
##	73	74	75	76	77	78	79
##	0.8269876122	0.9221342525	0.2977098201	0.3043931201	0.1704486492	0.6778698490	0.4792762584
##	82	83	84	85	86	87	88
##	0.1724673304	1.2626147131	0.4855557596	0.0845577593	1.5123485022	1.6614721590	1.0237250130
##	91	92	93	94	95	96	97
##	0.4360026934	0.5624284518	0.1604093918	0.5645976099	0.9487017130	0.5621573030	0.5723679002
##	100	101	102	103	104	105	106
##	0.6358592502	0.8663459093	0.4763010951	0.5048003827	0.6385371621	0.3288972006	0.2084145922
##	109	110	111	112	113	114	115
##	0.1787085977	0.4031464677	1.6381646144	0.7994104638	0.3804267272	0.2339510688	0.6267805913
##	118	119	120	121	122	123	124
##	0.8488146692	0.8330346553	0.6046861329	0.9020294915	0.8876744397	1.0877093218	0.7738726924
##	127	128	129	130	131	132	133
##	0.9520940259	0.6494890535	0.3535234947	0.5634415659	0.8048049992	1.2938926065	0.7936441216

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