

Tarea1-GregTorres

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R Markdown

This is part of the class on day “Feb 6th, 2024:

- Halterofilia

```
getwd()

## [1] "C:/WorkR"

Halterofilia <- read.csv("Halterofilia.csv",header = TRUE, sep = ";")
summary(Halterofilia)

##      Peso      Arrancada      Dos.Tiempos      Total
##  Min.   : 45.18   Min.   : 40.00   Min.   : 55.0   Min.   : 97.0
## 1st Qu.: 60.30   1st Qu.: 94.25   1st Qu.:117.0   1st Qu.:211.2
## Median : 71.25   Median :121.00   Median :147.5   Median :266.5
## Mean   : 76.98   Mean   :123.16   Mean   :151.8   Mean   :275.0
## 3rd Qu.: 92.66   3rd Qu.:153.00   3rd Qu.:188.8   3rd Qu.:340.8
## Max.   :162.01   Max.   :208.00   Max.   :246.0   Max.   :453.0
##  Categoria      Sexo
## Length:462      Length:462
## Class :character Class :character
## Mode  :character Mode  :character
##
##
##

nrow(Halterofilia)

## [1] 462

ncol(Halterofilia)

## [1] 6

dim(Halterofilia)

## [1] 462  6

mean(Halterofilia$Peso)

## [1] 76.97883

mean(Halterofilia$Total)
```

```
## [1] 274.9935
```

```
attach(Halterofilia)
```

```
round(Total)
```

```
## [1] 292 288 280 273 269 267 264 264 263 261 257 256 253 252 251 250 248
247
## [19] 246 245 238 236 234 231 230 225 225 222 221 220 215 320 315 314 312
309
## [37] 302 298 292 290 288 286 281 278 273 270 266 265 265 261 260 255 255
255
## [55] 250 247 243 241 241 240 237 237 229 358 337 335 329 324 321 320 320
317
## [73] 313 312 311 310 307 306 306 301 297 294 292 286 282 282 278 277 276
276
## [91] 275 255 165 373 370 356 354 352 351 345 342 340 337 336 330 330 324
323
## [109] 322 322 320 320 319 317 316 313 312 312 311 305 305 296 295 276 270
268
## [127] 265 245 140 383 380 377 374 372 369 366 365 362 362 354 353 352 351
350
## [145] 342 341 341 340 338 338 335 334 333 330 328 326 325 320 319 318 315
307
## [163] 275 241 403 402 397 393 390 390 386 386 381 380 380 377 374 374 372
371
## [181] 370 368 365 360 358 357 356 355 353 351 351 351 351 350 345 337 335
330
## [199] 330 325 323 318 307 302 205 415 415 410 402 402 397 394 390 390 387
386
## [217] 380 379 377 372 370 370 370 367 360 360 360 357 357 351 351 350 348
347
## [235] 344 344 340 330 322 322 320 319 307 453 440 440 427 426 420 418 416
405
## [253] 401 401 400 396 395 395 389 380 379 377 373 370 362 361 355 346 345
342
## [271] 324 320 303 214 205 204 186 185 180 176 175 174 171 170 168 168 167
165
## [289] 158 155 152 151 150 149 149 148 146 146 143 140 101 222 211 206 201
200
## [307] 198 197 195 193 192 190 186 183 182 180 175 175 165 165 163 157 157
150
## [325] 146 139 97 237 233 230 227 220 216 213 207 205 202 201 200 200 195
195
## [343] 187 184 184 184 184 183 182 181 181 178 173 165 103 98 246 241 241
237
## [361] 235 231 227 224 220 216 214 210 209 207 207 203 200 197 195 193 190
187
## [379] 186 180 166 160 256 253 251 243 241 232 231 227 225 223 221 221 220
212
## [397] 212 206 206 205 205 202 202 202 201 199 196 196 190 187 295 293 283
```

```

255
## [415] 248 247 244 243 242 236 230 229 223 222 222 219 216 215 215 214 212
211
## [433] 211 205 196 191 189 185 178 315 310 309 283 260 258 257 252 251 251
247
## [451] 246 242 239 236 234 227 222 220 218 177 175 175

sd(Total)

## [1] 76.4937

median(Total)

## [1] 266.5

var(Total)

## [1] 5851.286

fivenum(Total)

## [1] 97.0 211.0 266.5 341.0 453.0

min(Total)

## [1] 97

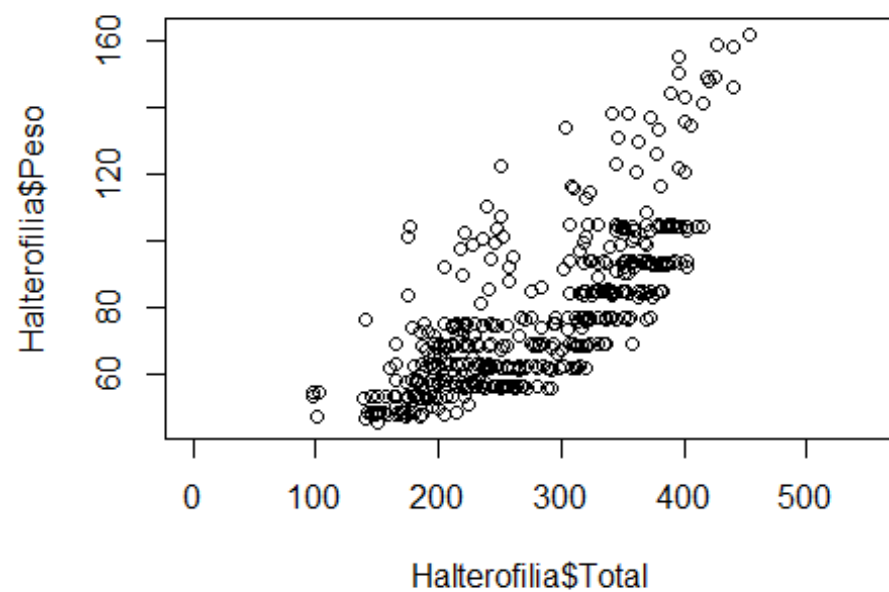
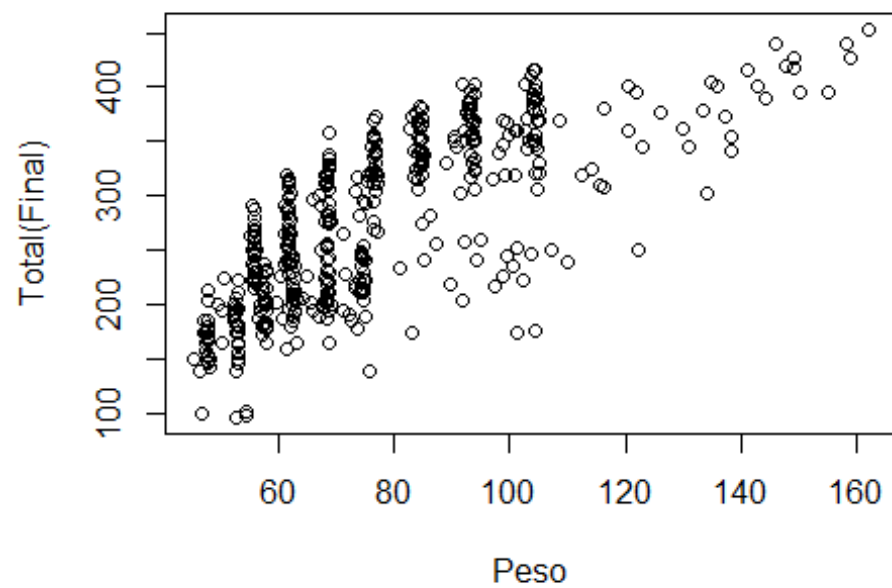
max(Total)

## [1] 453

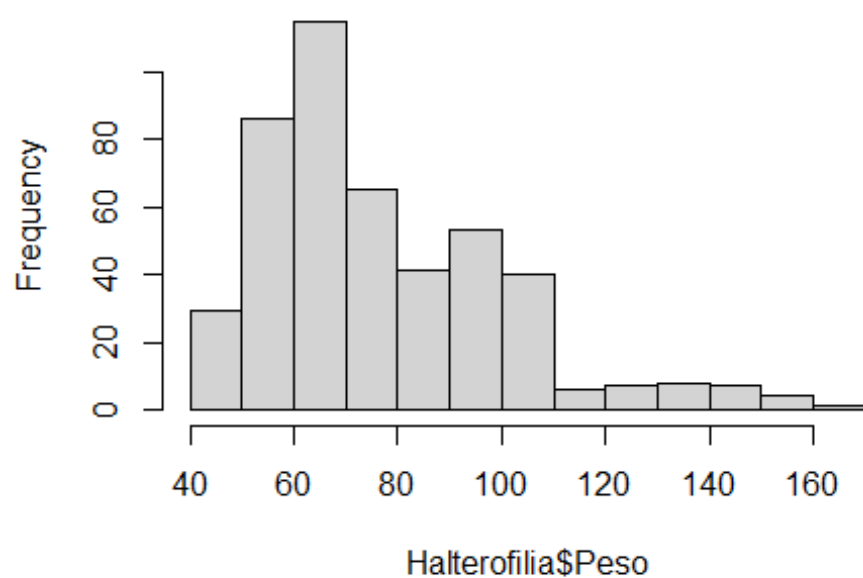
```

Including Plots

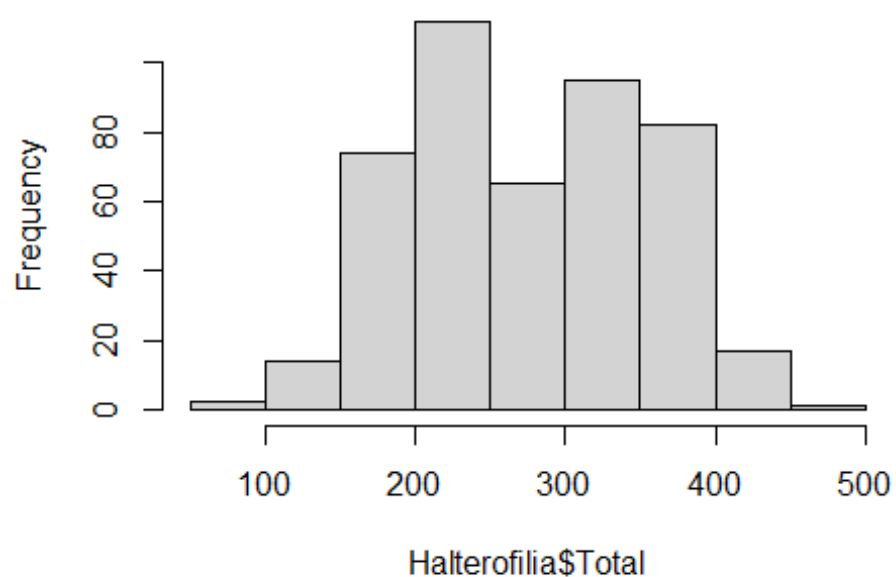
You can also embed plots, for example:



Histogram of Halterofilia\$Peso



Histogram of Halterofilia\$Total



- Peces, Only Results, same Order:
- All Code:

```
- ## [1] 100
- ## [1] 3
- ## [1] 100    3
- ## [1] 77.02909
- ## [1] 5864.144
- ## [1] 2821 5639 5263 7397 6742 6755 7675 4529 3431 6033 4605 5669
  4768 7350 6326
  ## [16] 8526 3466 6799 5533 6025 4909 5843 4946 6776 6413 6354 4910
  6243 5610 6036
  ## [31] 5312 7041 6984 4193 8636 5639 6351 5766 4435 7036 5032 5195
  6593 7689 7821
  ## [46] 4845 5683 8197 5749 5948 6634 6983 6721 5524 5216 5855 6933
  3499 6563 4956
  ## [61] 6478 5125 6210 6213 5101 5391 4717 4993 6088 4563 5524 5510
  6383 7675 4529
  ## [76] 5792 4949 2627 6524 7449 6298 7390 5807 4624 5604 6211 4736
  5137 5961 5076
  ## [91] 5707 4978 4205 5906 6847 7545 6075 7395 5402 7249
- ## [1] 1171.266
- ## [1] 5824.989
- ## [1] 1371864
- ## [1] 2626.997 5053.937 5824.989 6677.465 8636.039
- ## [1] 2626.997
- ## [1] 8636.039
- ##   Min. 1st Qu.  Median    Mean 3rd Qu.    Max.
  ##   2627    5065    5825    5864    6656    8636
- ## — Attaching core tidyverse packages —————
  tidyverse 2.0.0 —
  ## ✓ dplyr      1.1.4    ✓ readr      2.1.5
  ## ✓ forcats   1.0.0    ✓ stringr    1.5.1
  ## ✓ ggplot2   3.4.4    ✓ tibble     3.2.1
  ## ✓ lubridate 1.9.3    ✓ tidyr      1.3.1
  ## ✓ purrr     1.0.2
  ## — Conflicts —————
```

```
tidyverse_conflicts() —  
## ✖ dplyr::filter() masks stats::filter()  
## ✖ dplyr::lag() masks stats::lag()  
## ⓘ Use the conflicted package (<http://conflicted.r-lib.org/>) to  
force all conflicts to become errors  
  
- ## Talla Peso  
## 77.02909 5864.14387  
  
- ## Talla Peso  
## 5.395388 1171.266075  
  
- ## Talla Peso  
## 2.911021e+01 1.371864e+06  
  
- ## Talla Peso  
## 76.82268 5824.98900  
  
- ## Talla Peso  
## 77.02909 5864.14387
```

