qPCR-graphs-7-24

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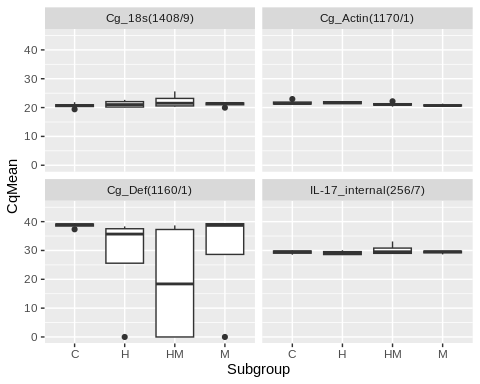
2023-07-24

library(tidyverse)

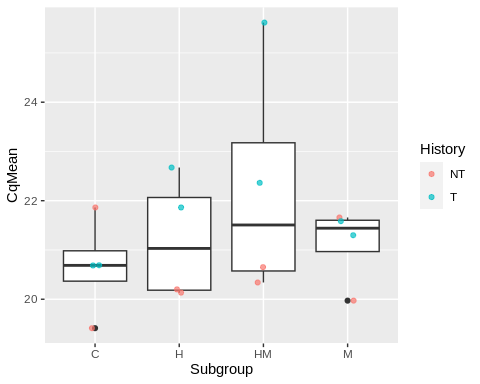
## ── Attaching core tidyverse packages ──────────────────────── tidyverse 2.0.0 ──  
## ✔ dplyr 1.1.2 ✔ readr 2.1.4  
## ✔ forcats 1.0.0 ✔ stringr 1.5.0  
## ✔ ggplot2 3.4.2 ✔ tibble 3.2.1  
## ✔ lubridate 1.9.2 ✔ tidyr 1.3.0  
## ✔ purrr 1.0.1   
## ── Conflicts ────────────────────────────────────────── tidyverse\_conflicts() ──  
## ✖ dplyr::filter() masks stats::filter()  
## ✖ dplyr::lag() masks stats::lag()  
## ℹ Use the conflicted package (<http://conflicted.r-lib.org/>) to force all conflicts to become errors

qpcrm <- read.csv("../data/qPCR-data-7-24-1.csv", header = TRUE)

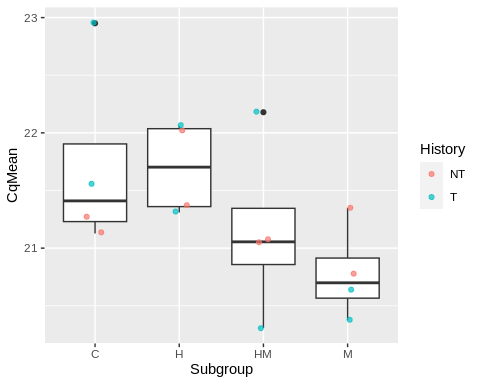
ggplot(data = qpcrm, mapping = aes(x = Subgroup, y = CqMean)) + geom\_boxplot() +  
 facet\_wrap('Target') +  
 coord\_cartesian(ylim = c(0, 45))



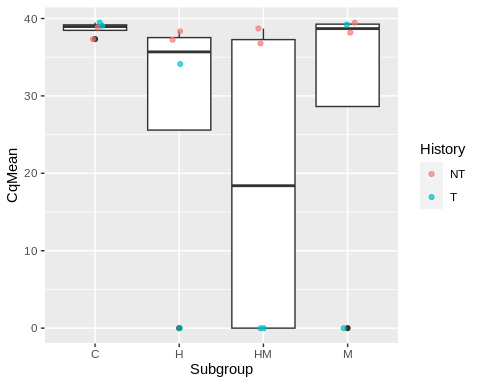
qpcrm %>%  
 filter(Target == "Cg\_18s(1408/9)") %>%  
ggplot(mapping = aes(x = Subgroup, y = CqMean)) +   
 geom\_boxplot() +  
 geom\_jitter(aes(color = History), width = 0.1, alpha = 0.7)



qpcrm %>%  
 filter(Target == "Cg\_Actin(1170/1)") %>%  
ggplot(mapping = aes(x = Subgroup, y = CqMean)) +   
 geom\_boxplot() +  
 geom\_jitter(aes(color = History), width = 0.1, alpha = 0.7)



qpcrm %>%  
 filter(Target == "Cg\_Def(1160/1)") %>%  
ggplot(mapping = aes(x = Subgroup, y = CqMean)) +   
 geom\_boxplot() +  
 geom\_jitter(aes(color = History), width = 0.1, alpha = 0.7)



qpcrm %>%  
 filter(Target == "IL-17\_internal(256/7)") %>%  
ggplot(mapping = aes(x = Subgroup, y = CqMean)) +   
 geom\_boxplot() +  
 geom\_jitter(aes(color = History), width = 0.1, alpha = 0.7)

