# CR Reps and Means Plot Code and Notes

## Code

library(tidyverse)

source("scripts/01\_function\_wimGraph and Palettes.R")

load("data/Clearance Rates/CrGrps.Rdata")

load("data/Clearance Rates/CrGrpsReps.Rdata")

### YBP1

CrGrpsYBP1 <- CrGrps %>%

filter(event =="YBP1")

CrGrpsRepsYBP1 <- CrGrpsReps %>%

filter(event =="YBP1")

### To plot without ySquish

a <- ggplot(data=CrGrpsYBP1, aes(group\_size, crMnCpm)) +

geom\_hline(yintercept=0, color="gray", linewidth=1) +

geom\_point(aes(color = crMnCpm>0),

size = 4)+

scale\_color\_manual

(values=c("FALSE"="maroon","TRUE"="navy"))+

geom\_point(data = CrGrpsRepsYBP1,

aes(y=CR), color="orange", size=2)+

xlab("Taxon Group") +

ggtitle("YBP1 Clearance Rates")+

scale\_y\_continuous(limits = c(-37, 72),

breaks = c(-36, 0, 5, 9, 15, 20, 30, 42, 71)) +

ylab("mL"~copepod^-1~d^-1)+

wimGraph()+

theme(plot.title = element\_text(face = "bold", size = (16)),

axis.text.x = element\_text(angle = 60,

hjust = 0.8, vjust = 0.8, size = 12),

axis.text.y = element\_text(size = 12),

legend.position = "none")+

theme(panel.background = element\_rect(colour = "black", size=1.5))



