**test\_2023\_regen\_plot\_input.Rmd**

```{r, per point averages for all stands}

point\_avg\_2023 <- left\_join(veg2023summ, wall\_denominator, by = c("stand", "wall", "status", "location")) |>

filter(stand %in% c( "6\_6", "6\_9", "campridge", "gasline", "recknagel", "recknagel\_north")) |>

arrange(stand, wall, status, location, spp, origin) |>

mutate(

wall\_denom = mean(wall\_denom, na.rm = TRUE) # Ensure single wall\_denom per spp ) |>

group\_by(stand, wall, status,location, point, spp, origin) |>

# from veg2023summ = group\_by(stand, wall, status, location, point, spp, origin) # veg2023summ = point\_avg\_2023 except merges wall\_denominator

summarize(

type = first(type),

n = n(),

wall\_denom = mean(wall\_denom),

sup.seed01ac = sum(sup.seed01ac, na.rm = TRUE) , # / first(wall\_denom)

sup.seed02ac = sum(sup.seed02ac, na.rm = TRUE),# / first(wall\_denom)

sup.seed03ac = sum(sup.seed03ac, na.rm = TRUE),# / first(wall\_denom)

sup.saplac = sum(sup.saplac, na.rm = TRUE),# / first(wall\_denom)

exp.seed01ac = sum(exp.seed01ac, na.rm = TRUE),# / first(wall\_denom)

exp.seed02ac = sum(exp.seed02ac, na.rm = TRUE),# / first(wall\_denom)

exp.seed03ac = sum(exp.seed03ac, na.rm = TRUE),# / first(wall\_denom)

exp.saplac = sum(exp.saplac, na.rm = TRUE),# / first(wall\_denom)

clump\_ac\_small = sum(clump\_ac\_small, na.rm=TRUE),

clump\_ac\_med = sum(clump\_ac\_med, na.rm=TRUE),

clump\_ac\_large = sum(clump\_ac\_large, na.rm=TRUE),

clump\_ac\_sapl = sum(clump\_ac\_sapl, na.rm=TRUE),

avg\_ramet\_size = mean(avg\_ramet\_size, na.rm = TRUE) #count is the number of stems per rament

) |>

mutate( season = "2023", year = 2023, cut = 0 ) |>

mutate\_if(is.numeric, round, 0) |>