

Summit Riddle Log 2019

The 2019 Intern Class Riddle Competition

Johnny 'The Riddler' Thomas

8/05/2019

Riddle Totals

```
#Riddle Totals
riddle_total <- read_excel("~/Summit/Summit Laptop/Riddles/riddle_log.xlsx",
  range = "R1:S12", col_types = c("text",
    "numeric")) %>%
  mutate(Total = floor(Total))
kable(riddle_total, align = "1")
```

| Intern | Total |
|-----------|-------|
| Marcus | 10 |
| Carly | 10 |
| Christian | 6 |
| Daniel | 6 |
| Nathalie | 6 |
| Brigid | 5 |
| Mara | 4 |
| Jess | 2 |
| Nassim | 2 |
| Luke | 0 |
| Neil | 0 |

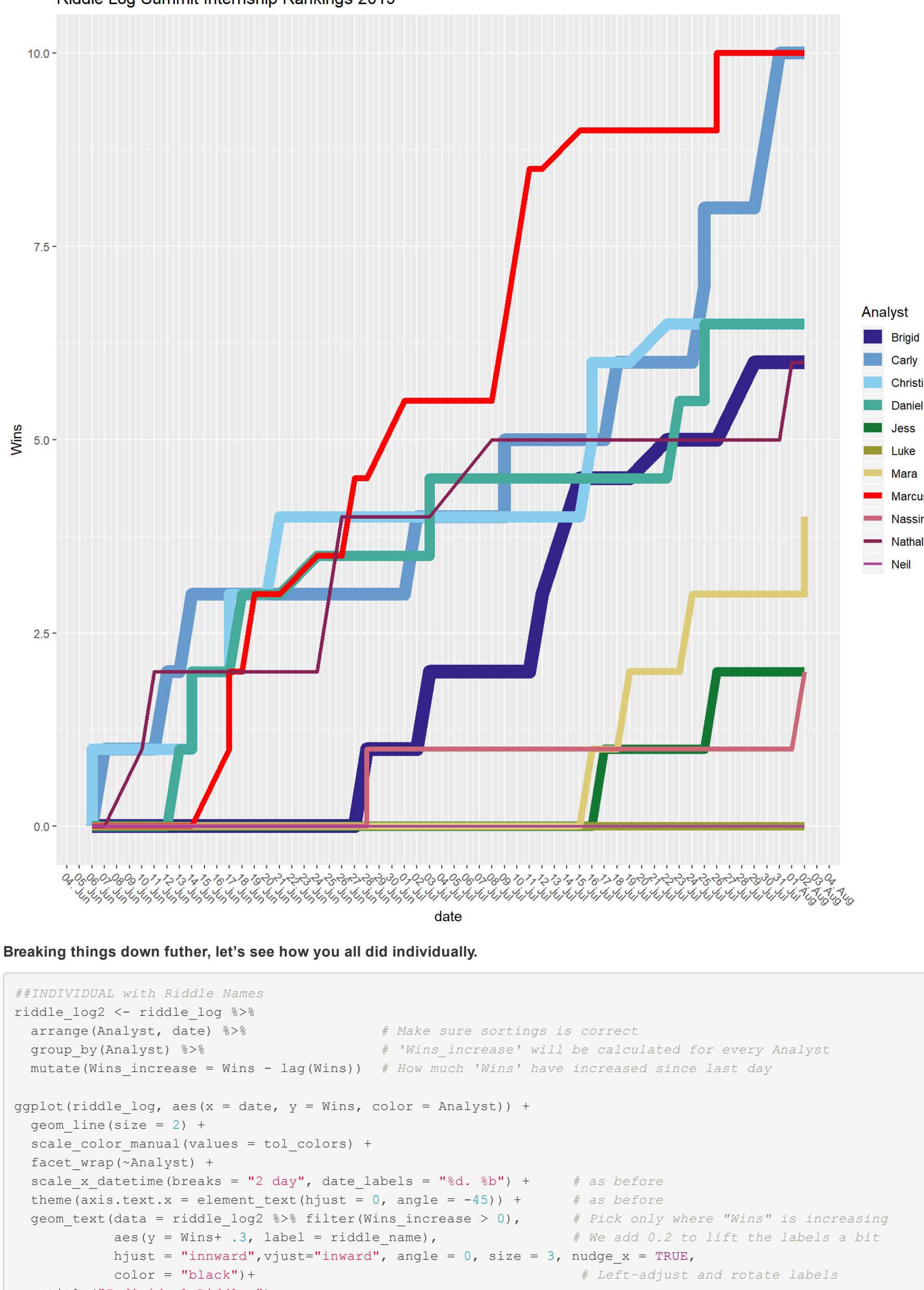
Marcus and Carly were our big winners, but they had very different rises to power.

```
#Riddles counter for plots!!!!
riddle_log <- read_excel("~/Summit/Summit Laptop/Riddles/riddle_log.xlsx",
  sheet = "Sheet2")

#Colors as chosen by the interns!
tol_colors = c("#332288", "#6699CC", "#88CCEE", "#44AA99", "#117733", "#999933",
  "#DDCC77", "#FF0000", "#CC6677", "#882255", "#AA4499")

riddle_log <- riddle_log %>%
  tidyrr::gather("Analyst", "Wins", Brigid:Neil)

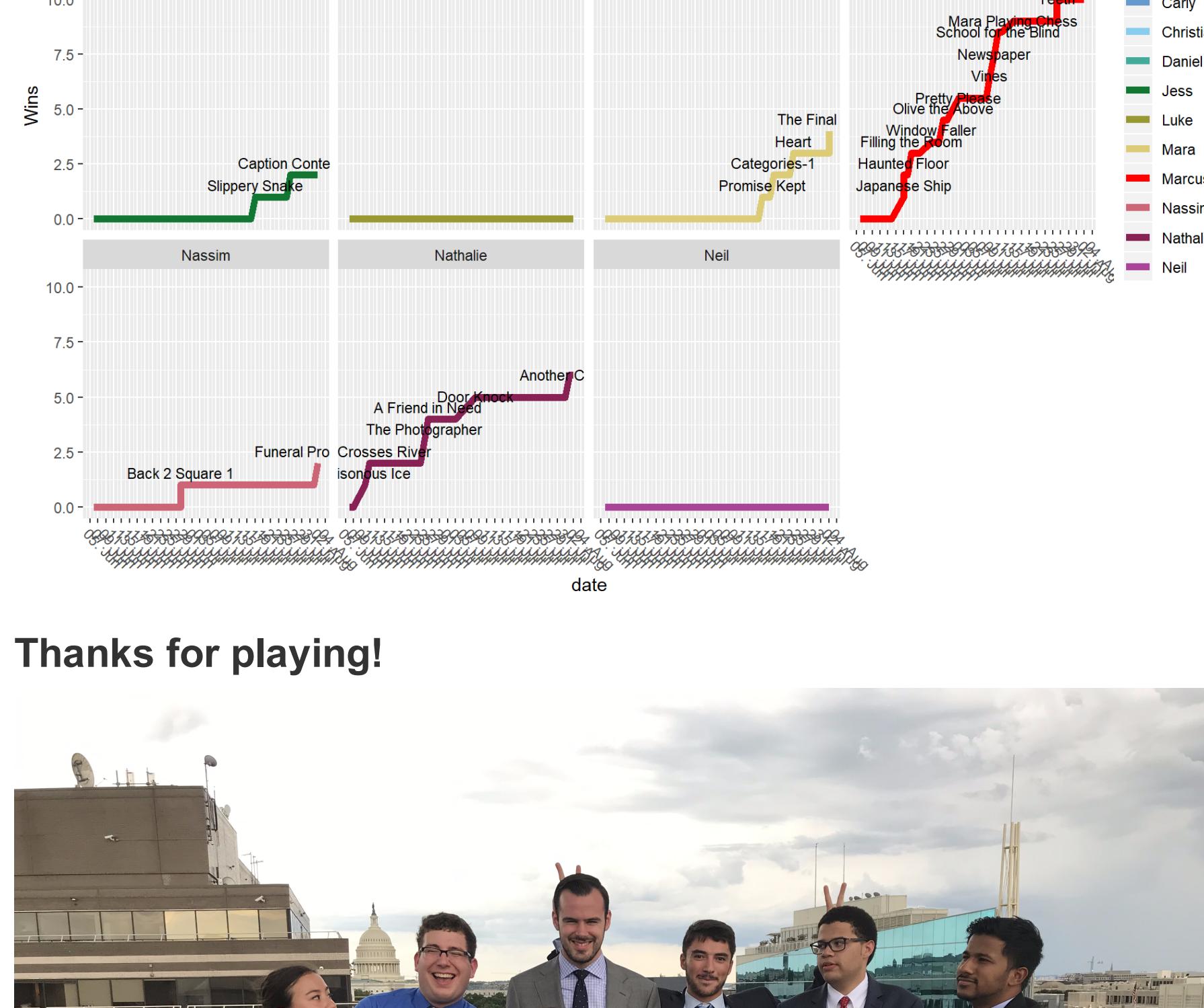
###EVERYBODY IN ONE
ggplot(riddle_log) +
  geom_line(aes(x = date, y = Wins, color = Analyst, size = Analyst)) +
  scale_size_manual(values = seq(5, 1, length = 11)) +
  scale_color_manual(values = tol_colors) +
  ggtitle("Riddle Log Summit Internship Rankings 2019") +
  scale_x_datetime(breaks = "1 day", date_labels = "%d. %b") +
  theme(axis.text.x = element_text(hjust = 0, angle = -45))
```



Breaking things down further, let's see how you all did individually.

```
##INDIVIDUAL with Riddle Names
riddle_log2 <- riddle_log %>%
  arrange(Analyst, date) %>%
  group_by(Analyst) %>%
  mutate(Wins_increase = Wins - lag(Wins)) # How much 'Wins' have increased since last day

ggplot(riddle_log2, aes(x = date, y = Wins, color = Analyst)) +
  geom_line(size = 2) +
  scale_color_manual(values = tol_colors) +
  facet_wrap(~Analyst) +
  scale_x_datetime(breaks = "2 day", date_labels = "%d. %b") +
  theme(axis.text.x = element_text(hjust = 0, angle = -45)) +
  geom_text(data = riddle_log2 %>% filter(Wins_increase > 0),
            aes(y = Wins + .3, label = riddle_name),
            hjust = "inward", vjust = "inward", angle = 0, size = 3, nudge_x = TRUE,
            color = "black") # Left-adjust and rotate labels
  ggtitle("Individual Riddles")
```



Thanks for playing!

