

# Laurel Highlands Ultra Results 2016

*Daniel Spakowicz*

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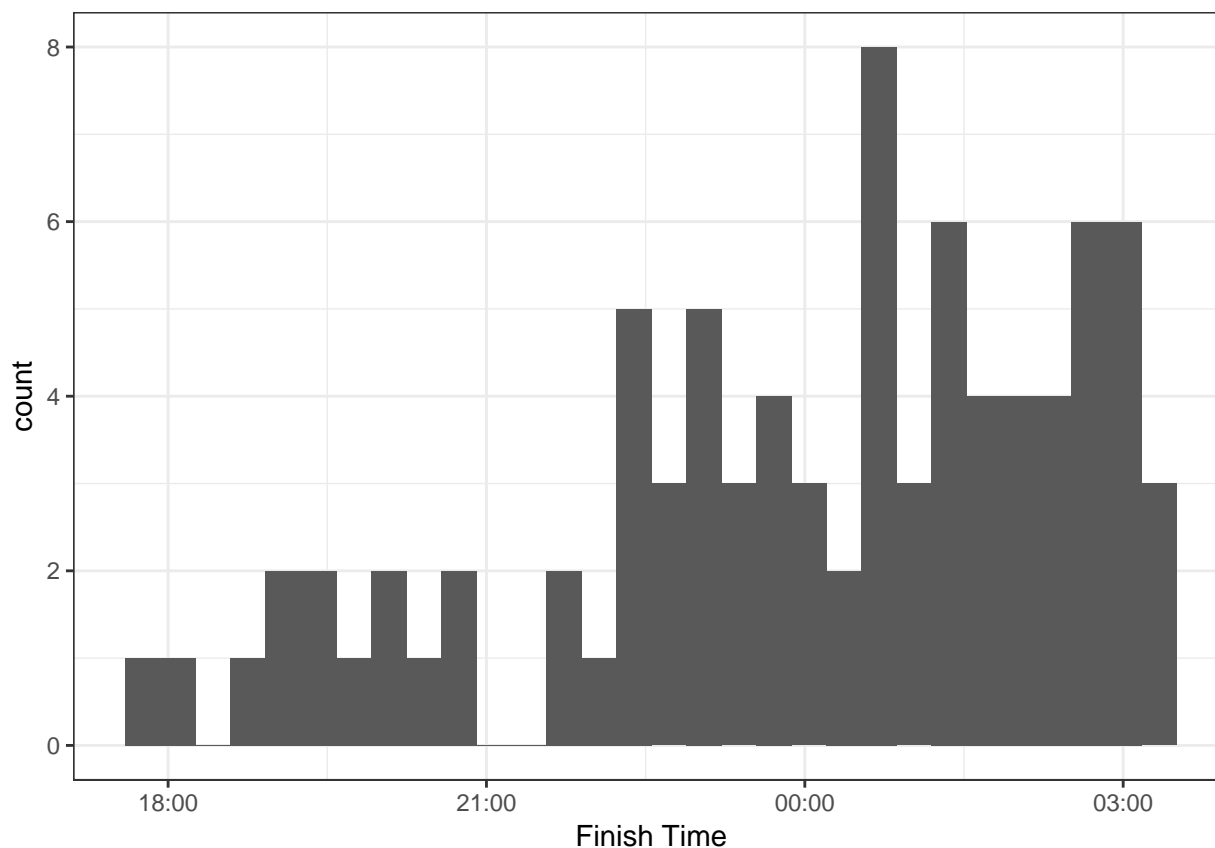
How long will it take us to run the Laurel Highlands Ultra?

```
df <- read.csv("~/Downloads/lhu_2016.csv")

df$FINISH <- as.difftime(as.character(df$FINISH), format = "%H:%M:%S")

start <- as.POSIXlt("2017-06-10 05:30", "%Y-%m-%d %H:%M", tz = "EST")

ggplot(df) +
  geom_histogram(aes(start + df$FINISH)) +
  xlab("Finish Time") +
  theme_bw()
```



```
summary(start + df$FINISH)
```

```
##           Min.           1st Qu.           Median
## "2017-06-10 17:44:30" "2017-06-10 22:33:54" "2017-06-11 00:36:02"
##           Mean           3rd Qu.           Max.
## "2017-06-11 00:00:55" "2017-06-11 01:56:53" "2017-06-11 03:18:57"
##           NA's
##           "1"
```

Elapsed time:

```
summary(unclass(df$FINISH))
```

##	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.	NA's
##	12.24	17.07	19.10	18.52	20.45	21.82	1