

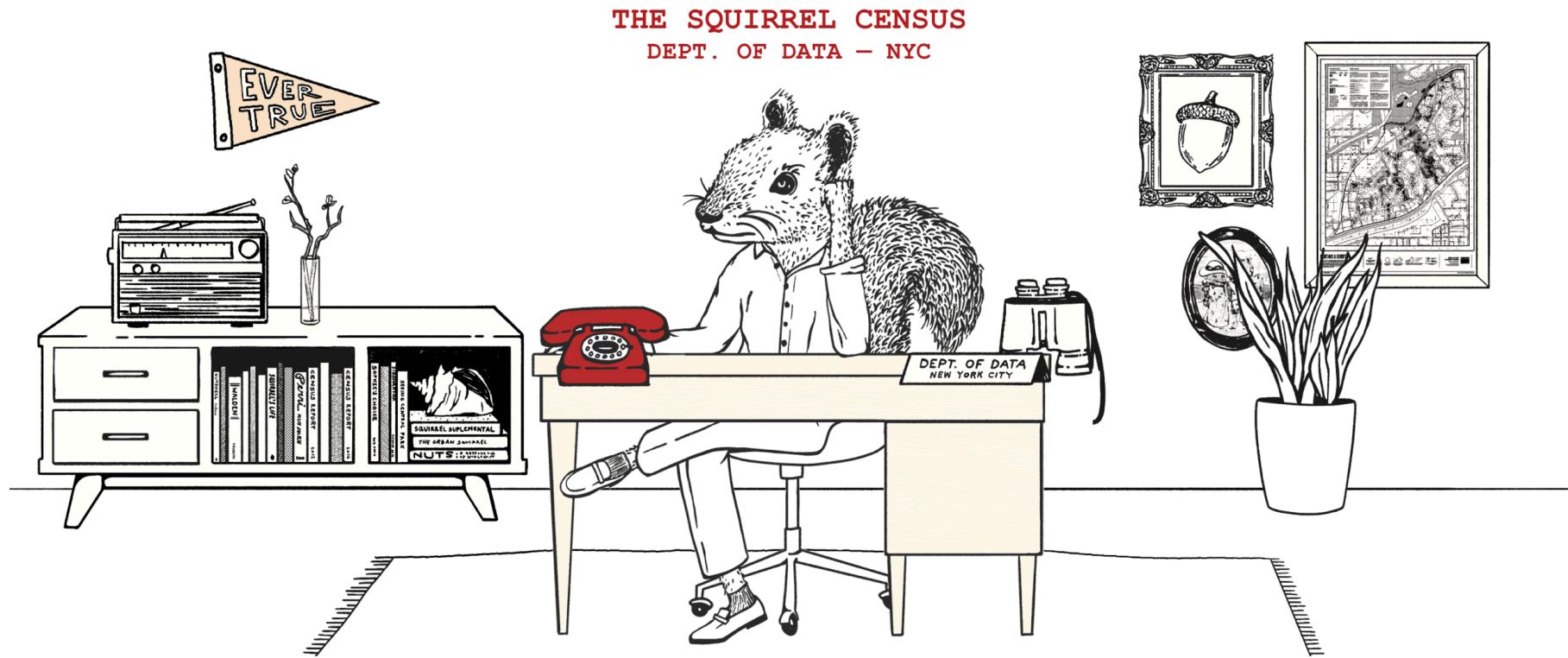
# The Central Park Squirrel Census

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2024-01-20

# About the data set

- Data collected for the 2018 Squirrel Census project in NYC
- 3,023 unique squirrel sightings throughout October 2018
- 31 columns including squirrel location, fur color, reaction to humans, etc.

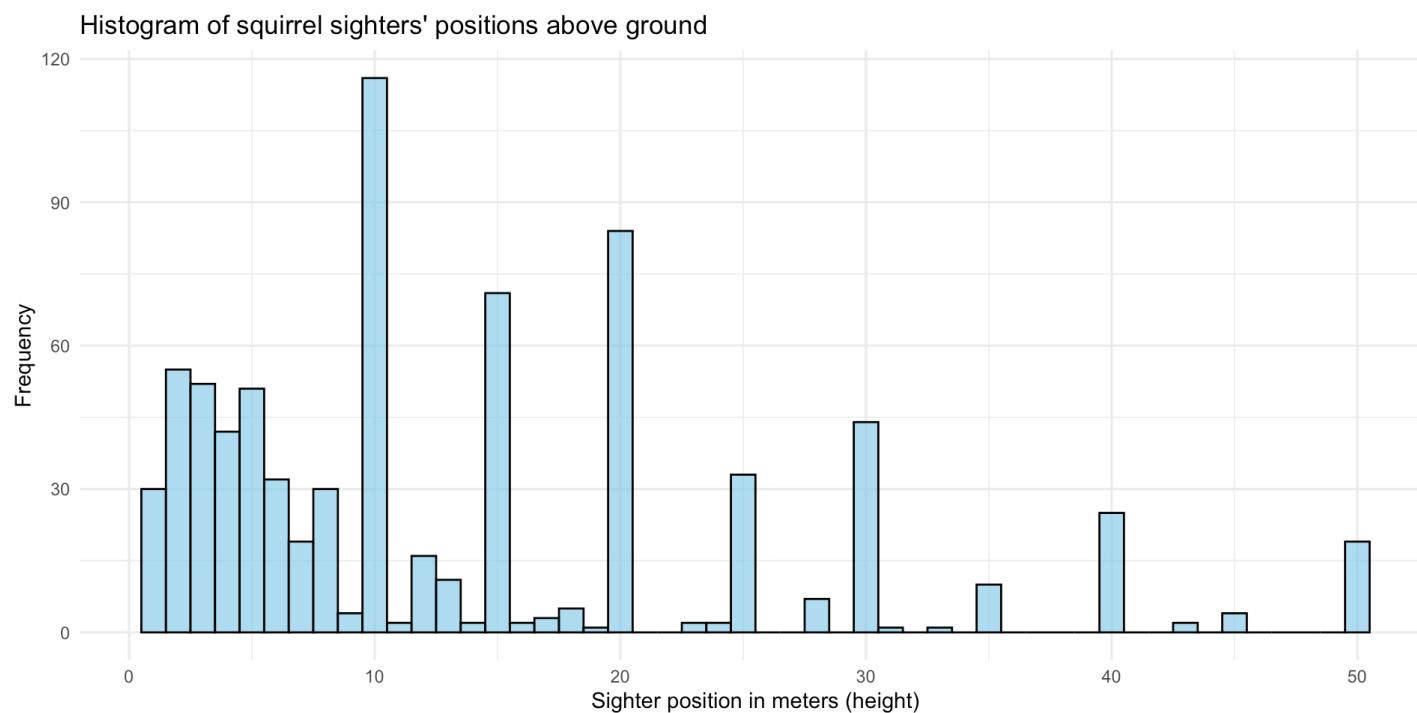


# Not much to summarize, but...

... about the above ground sighter measurement

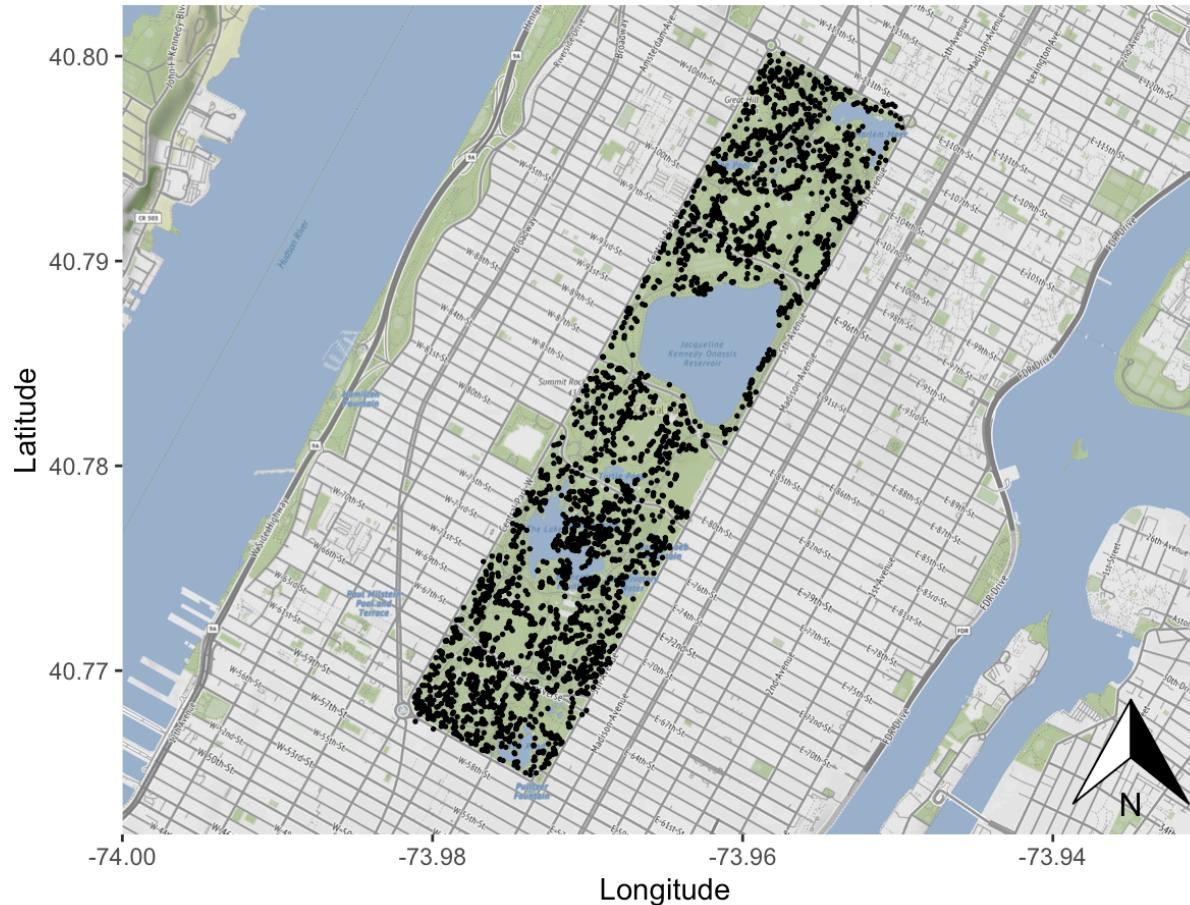
```
min max q25 median q75      mean      sd
1     0 180    0        0    3.990076 10.3814
```

Most values are 0 and the maximum is very high, let's see how values different from 0 behave, also excluding the worst outliers:



# All sightings on one map

Squirrel sightings in Central Park, October 2018

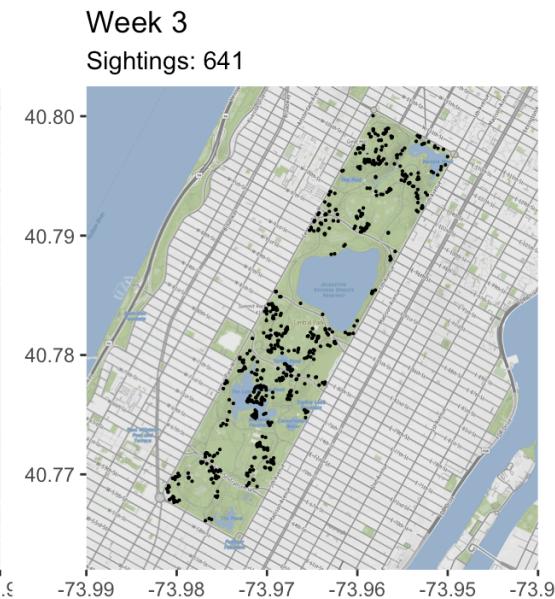
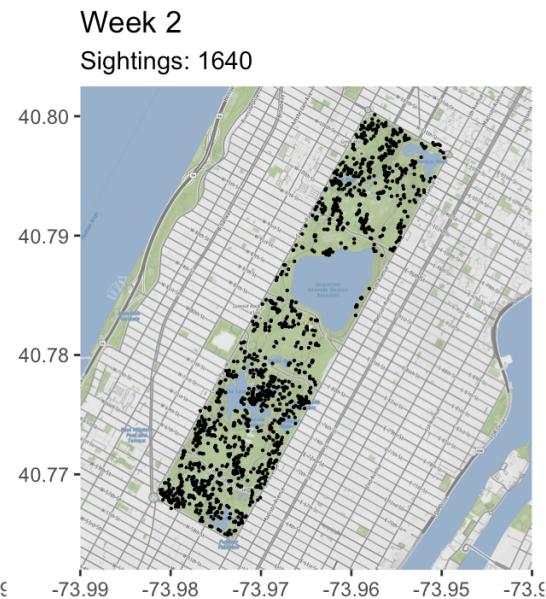


# Sightings throughout the month

The sightings took place on only 11 out of 31 days

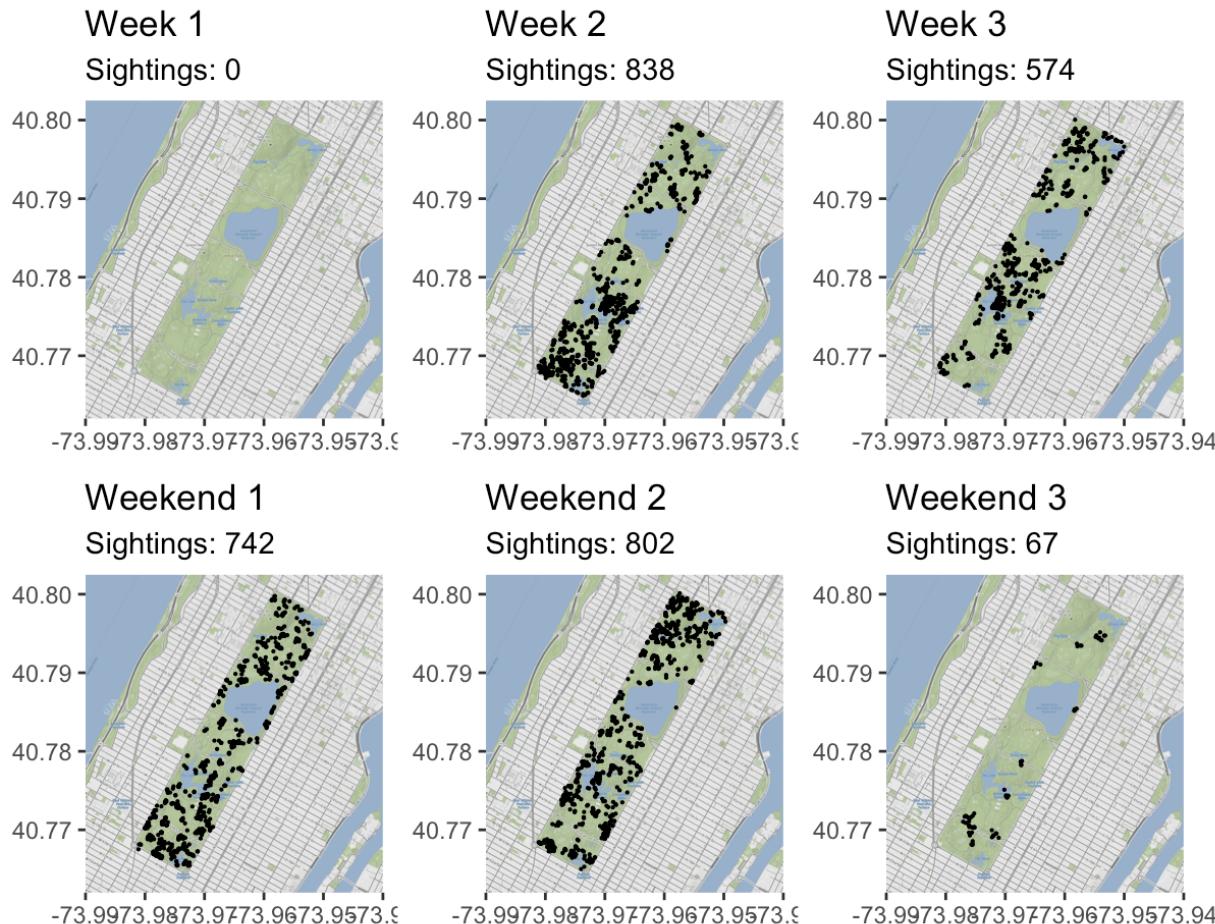
Shiny applications not supported in static R Markdown documents

# Sightings during the first 3 weeks of October 2018



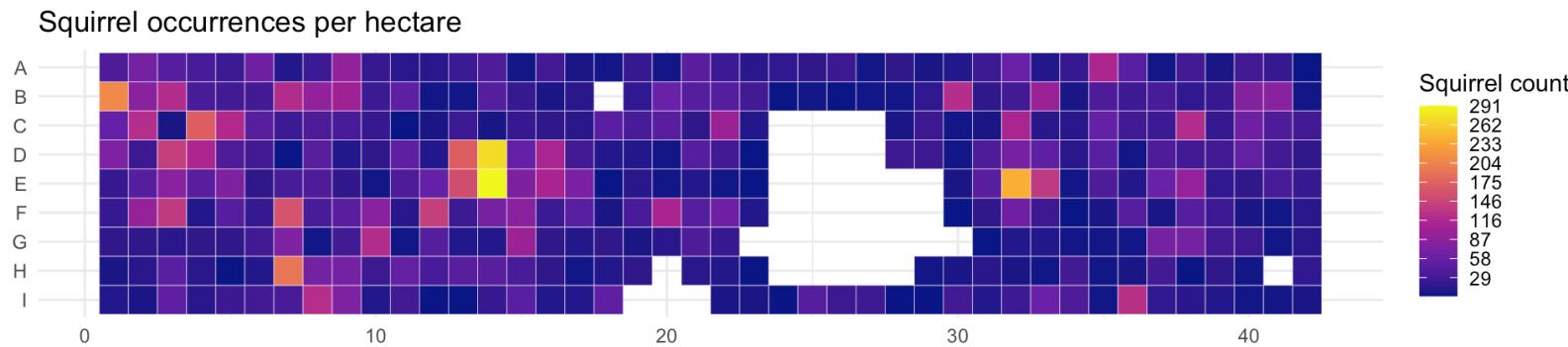
It looks like week 2 was the busiest!

# Week vs Weekend



# Hectare sightings

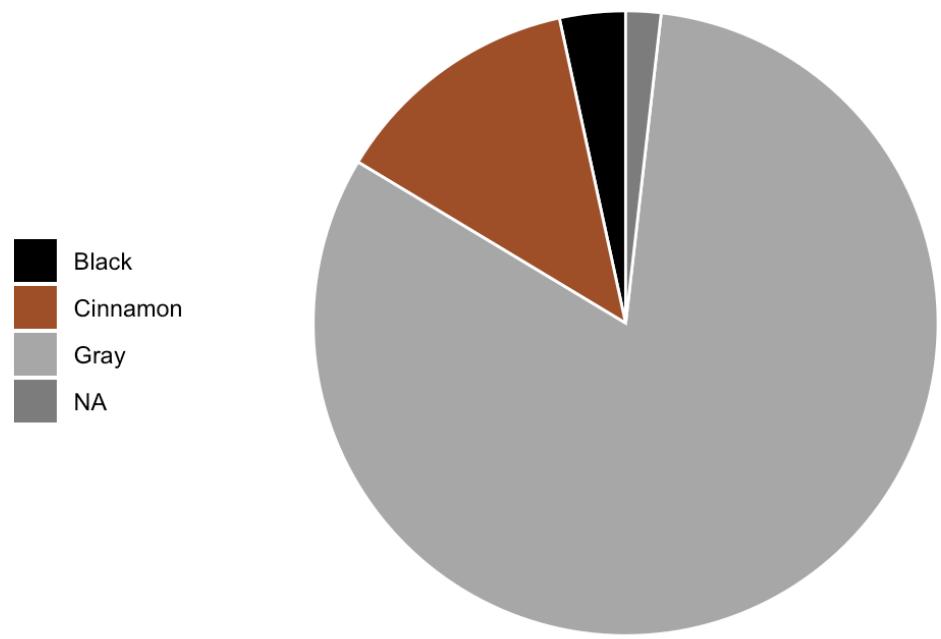
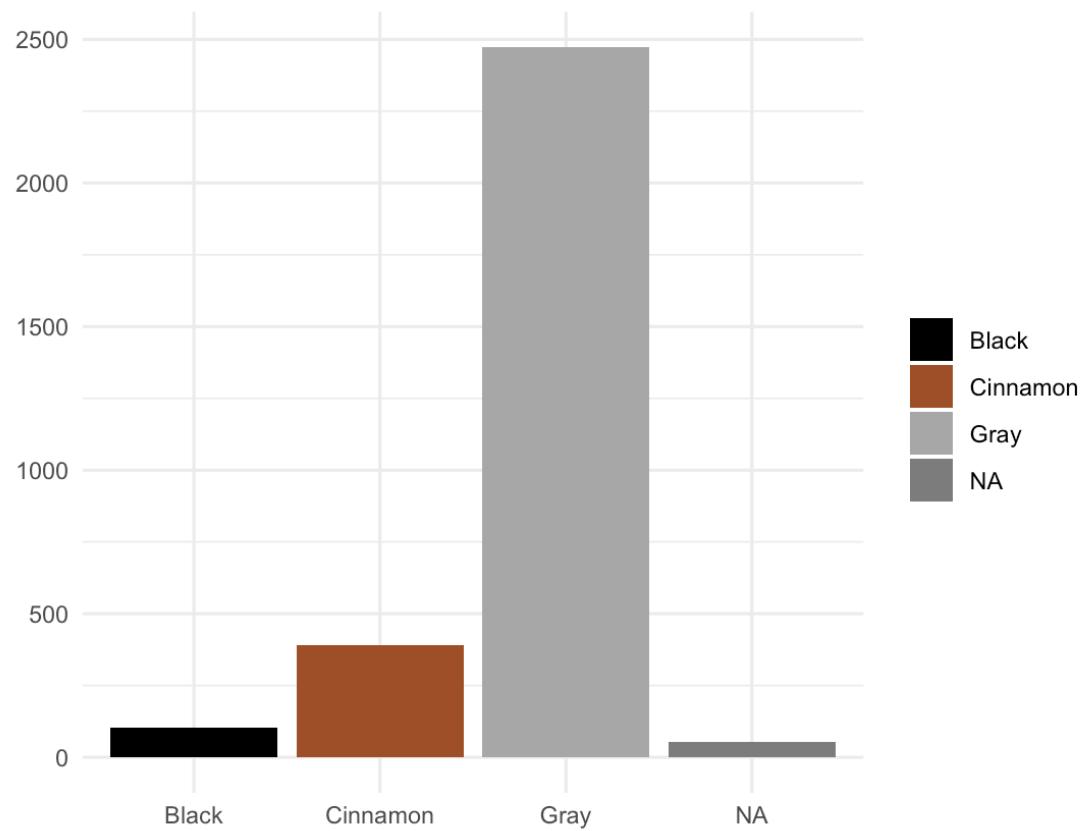
The entire Central Park as a rectangle can be divided into squares, 42 in length and 9 in width. Let's inspect the sightings under the form of a heatmap:



It looks like the squirrels enjoy The Ramble (most forest-like part of the park).

# **AM vs PM**

# Fur colors of the Central Park squirrels



# Squirrel sightings per color

# Squirrels vs Humans

```
# A tibble: 2 × 4
  Condition Approaches Runs.from Indifferent
  <chr>      <dbl>     <dbl>      <dbl>
1 true        5.89     22.4       48.1
2 false       94.1     77.6       51.9
```

