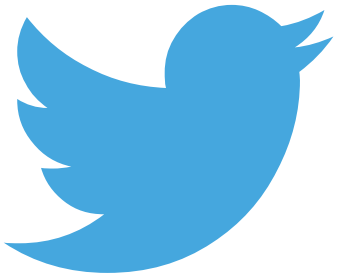
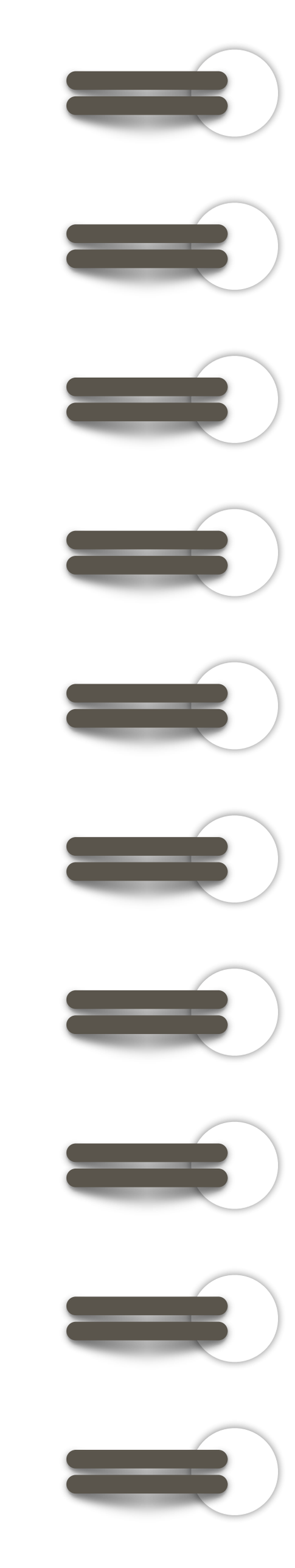
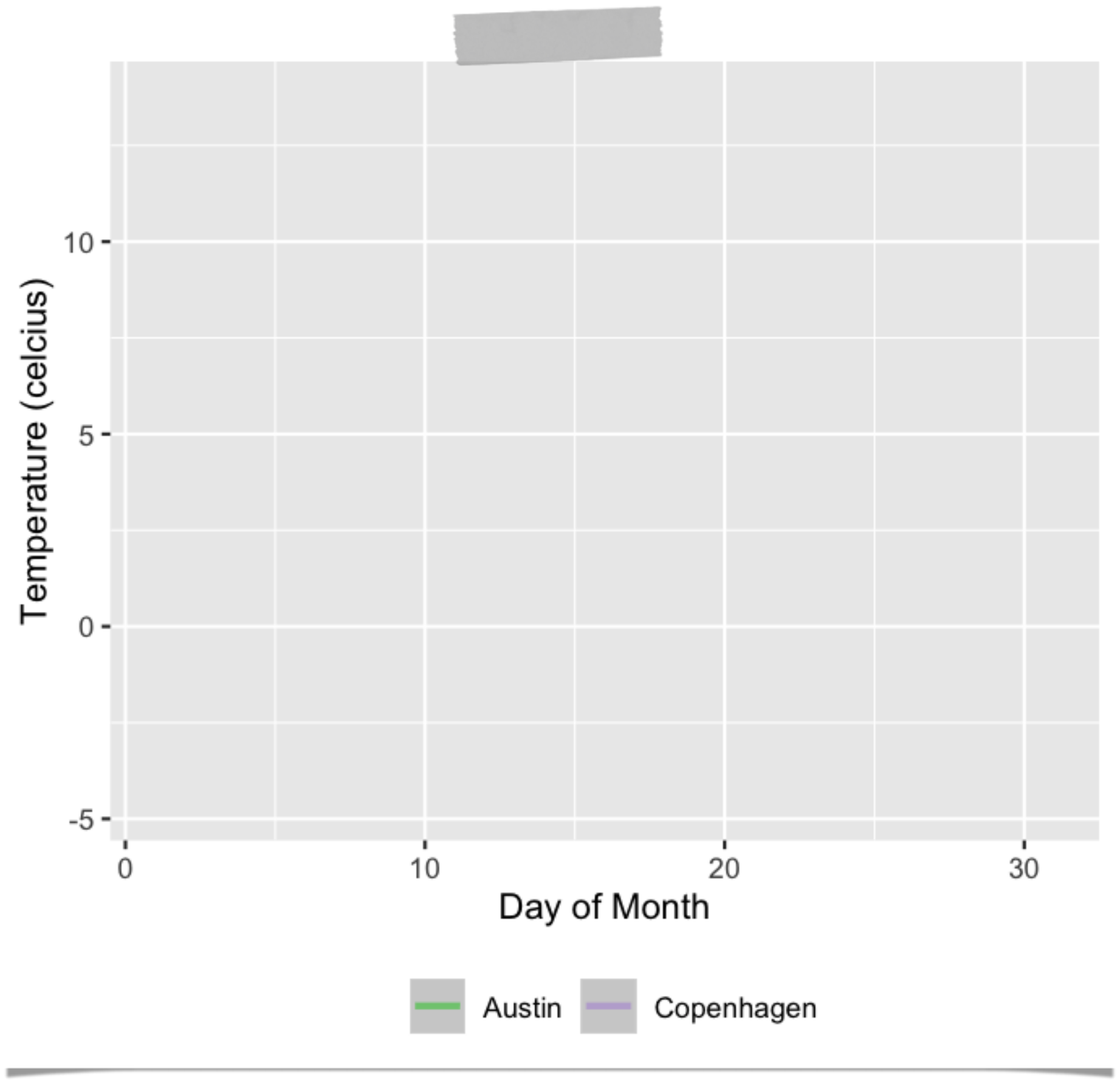


thomasp85

www.data-imaginist.com/slides/rstudioconf2019 

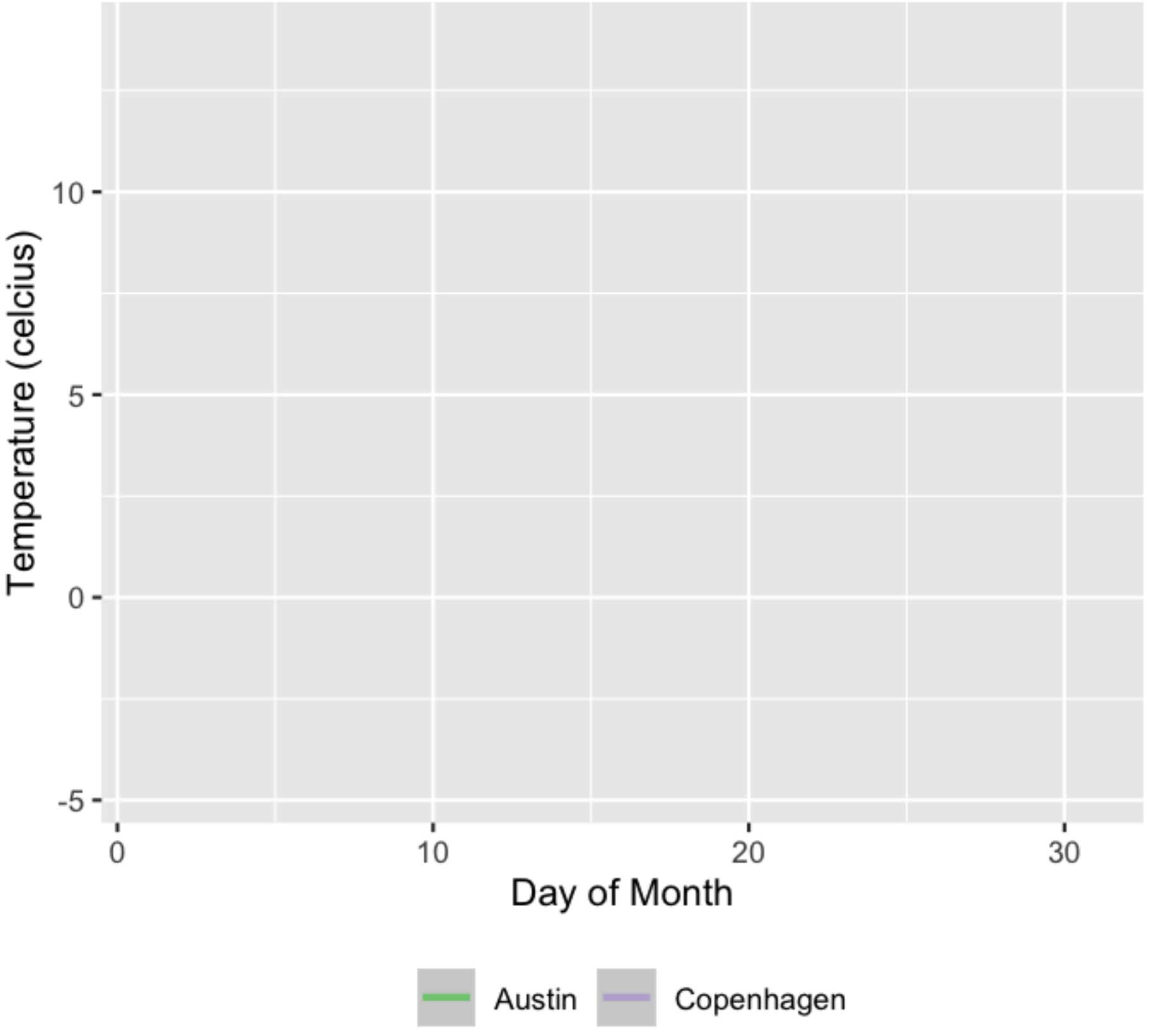


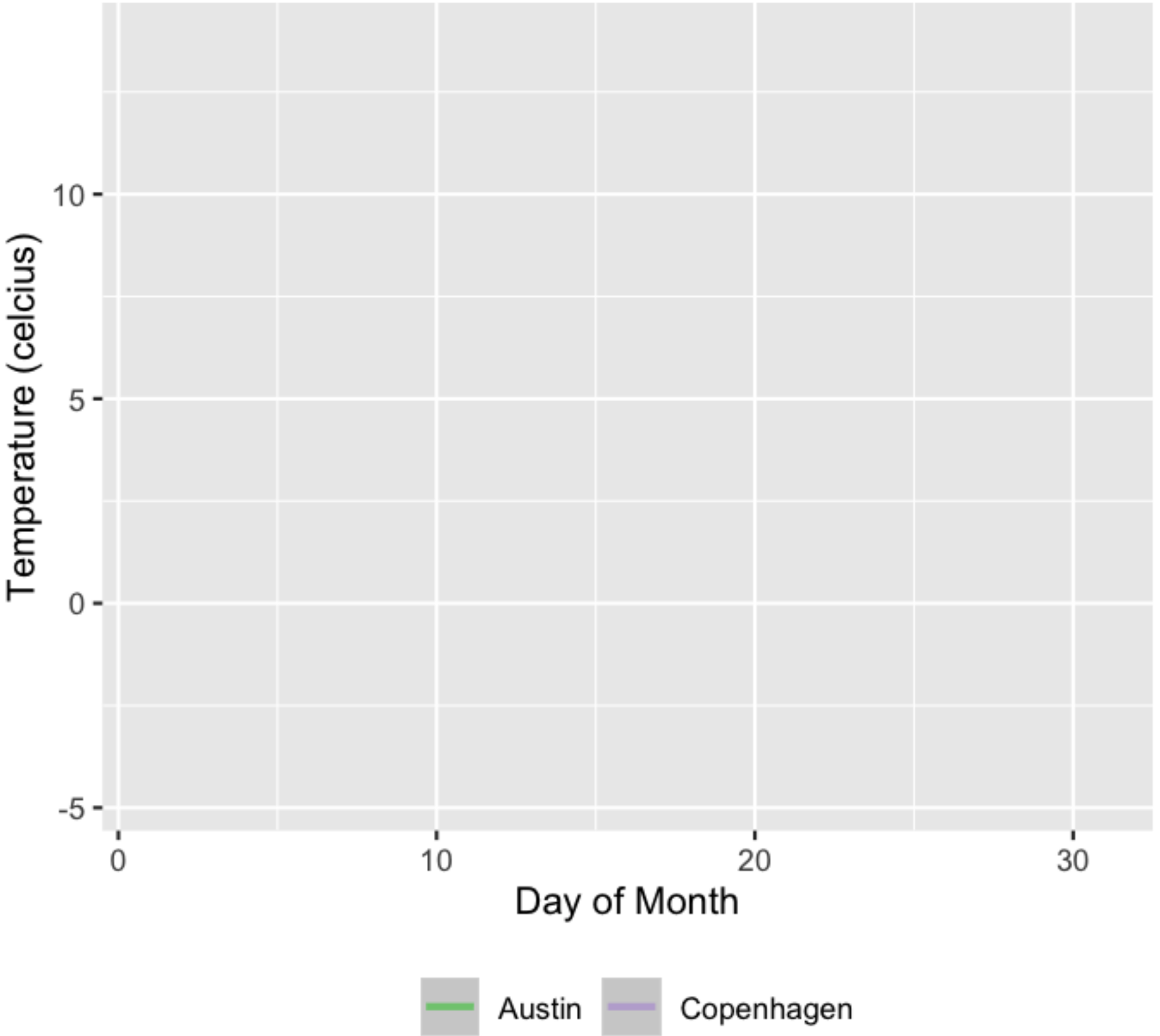
Example 2


10
5
0
-5
Temperature (celcius)
0
10
20
30
Day of Month
Austin
Copenhagen

Using stat()

```
p +
  transition_reveal(stat(x))
```

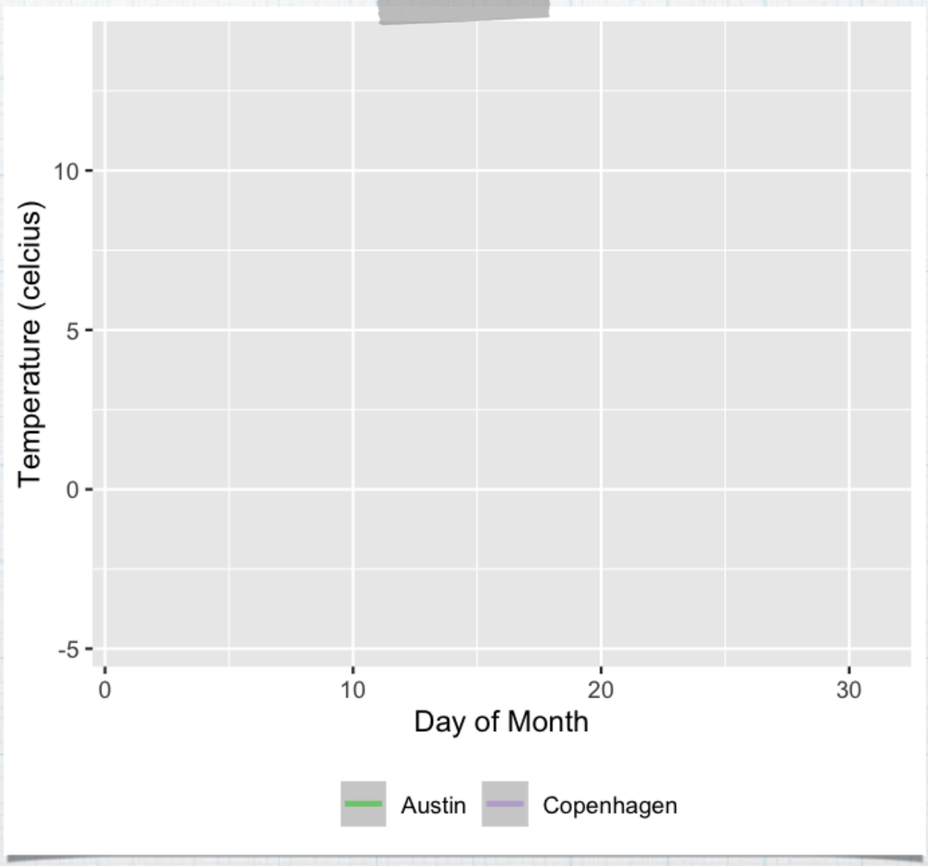

Temperature (celcius)
10
5
0
-5
0
10
20
30
Day of Month
Austin
Copenhagen


Temperature (celcius)
10
5
0
-5
0
10
20
30
Day of Month
Austin
Copenhagen

Example 2

Using stat()

```
p +
  transition_reveal(stat(x))
```



Example 3: Earthquakes

```
library(lubridate)
earthquakes ← read_table('earthquakes.txt', sep = '|', header = TRUE, skip = 4) %>%
  filter(Magnitude > 5) %>%
  mutate(Time = as_date(Time)) %>%
  filter(Time ⩾ ymd('2018-01-01') & Time ⩽ ymd('2018-12-31')) %>%
  mutate(Month = factor(format(Time, '%B'), month.name))

earthquakes
## # A tibble: 1,366 x 14
##    EventID Time       Latitude Longitude Depth Author Catalog Contributor
##      <int> <date>        <dbl>     <dbl> <dbl> <chr>  <chr>   <chr>
##  1  1.10e7 2018-12-31   -17.5     -175.  171.  us     NEIC P… us
##  2  1.10e7 2018-12-31    37.5      141.   43.3 us     NEIC P… us
##  3  1.10e7 2018-12-31   -31.8      -69.3 101.  us     NEIC P… us
## # … with 1,356 more rows, and 6 more variables: ContributorID <chr>,
## #   MagType <chr>, Magnitude <dbl>, MagAuthor <chr>, EventLocationName <chr>, Month <fct>
```