



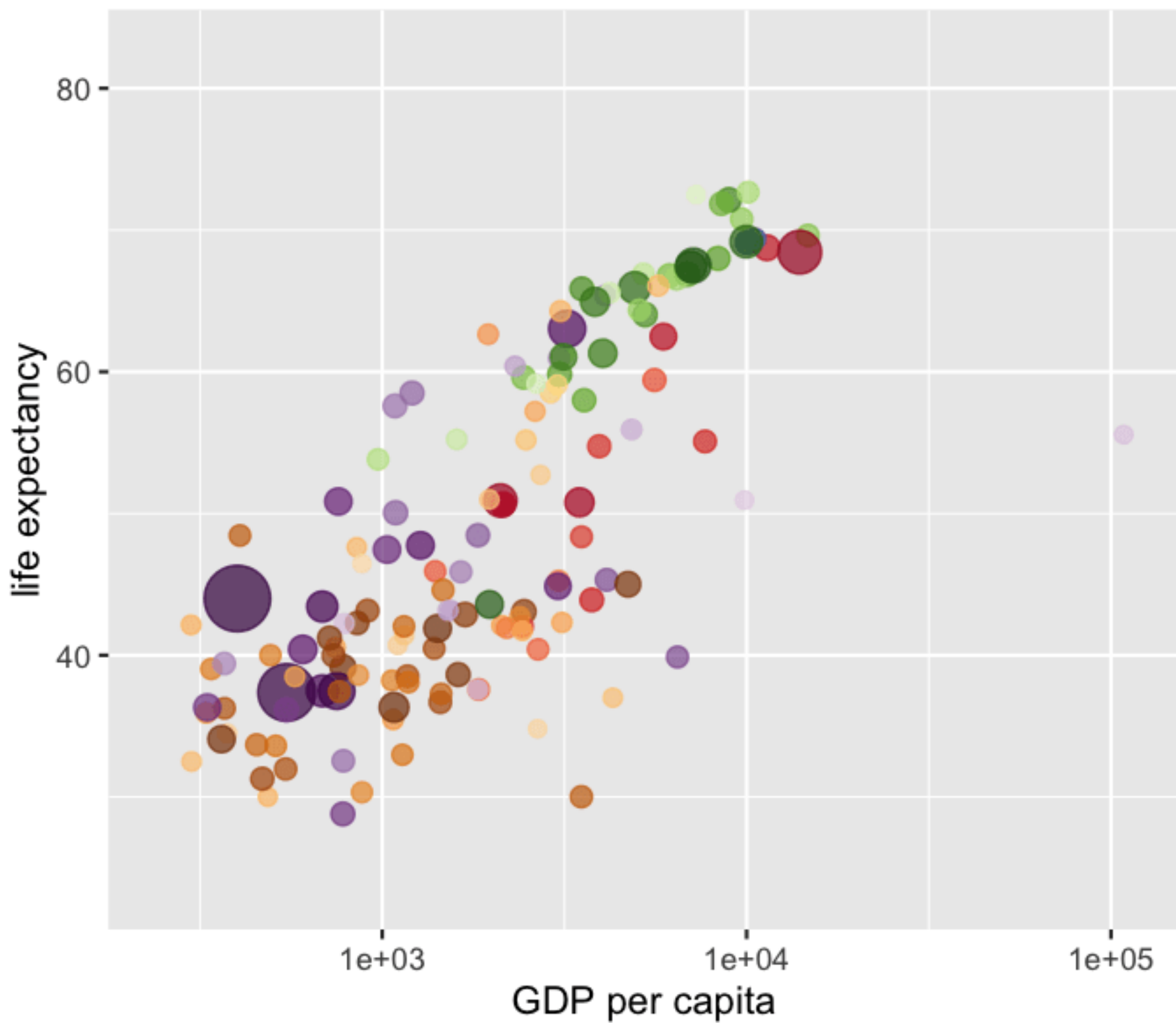
www.data-in-aginist.com/slides/rstudioconf2019





Example 1

Year: 1952



shadow_mark

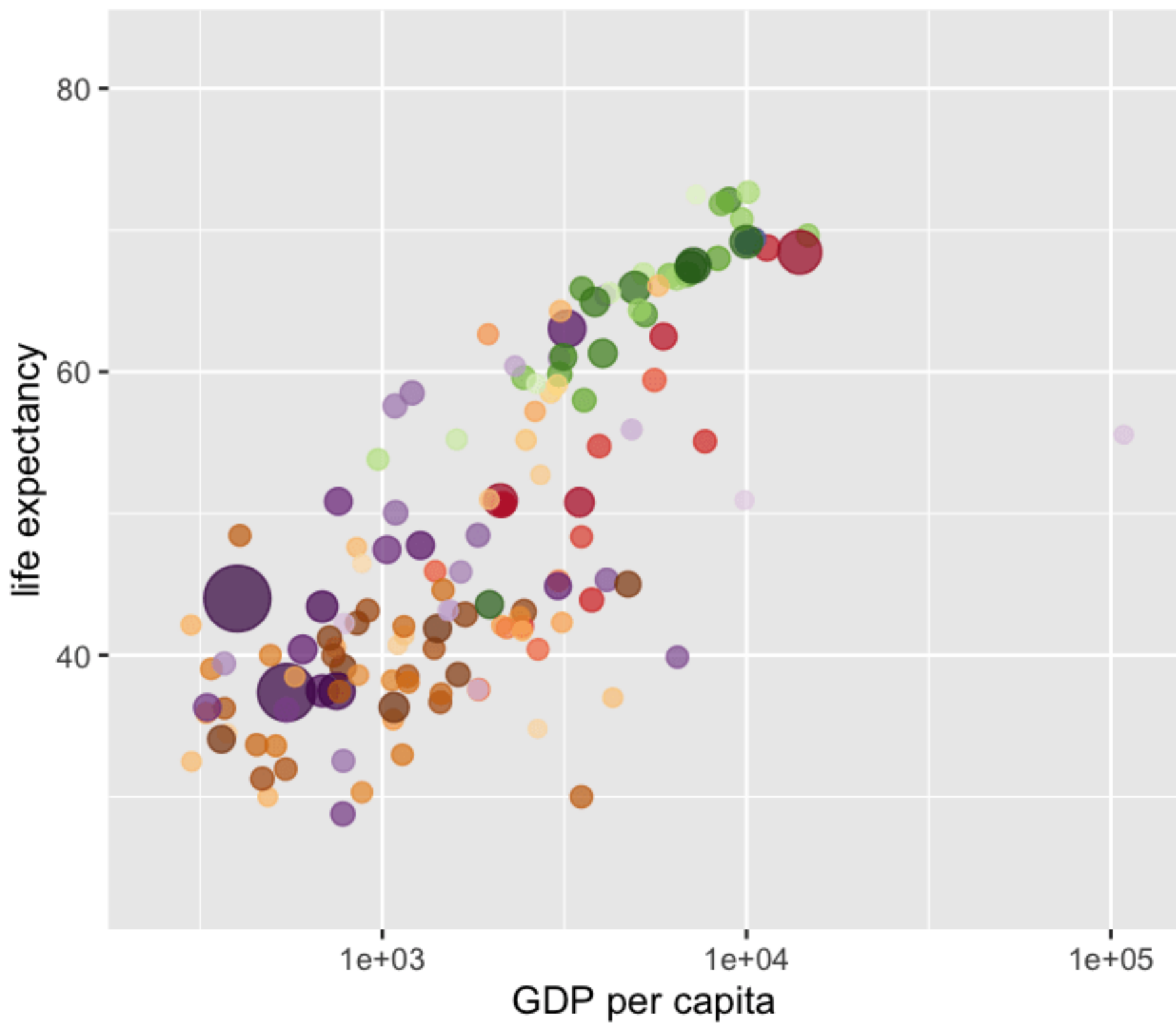
p +

transition_time(year) +

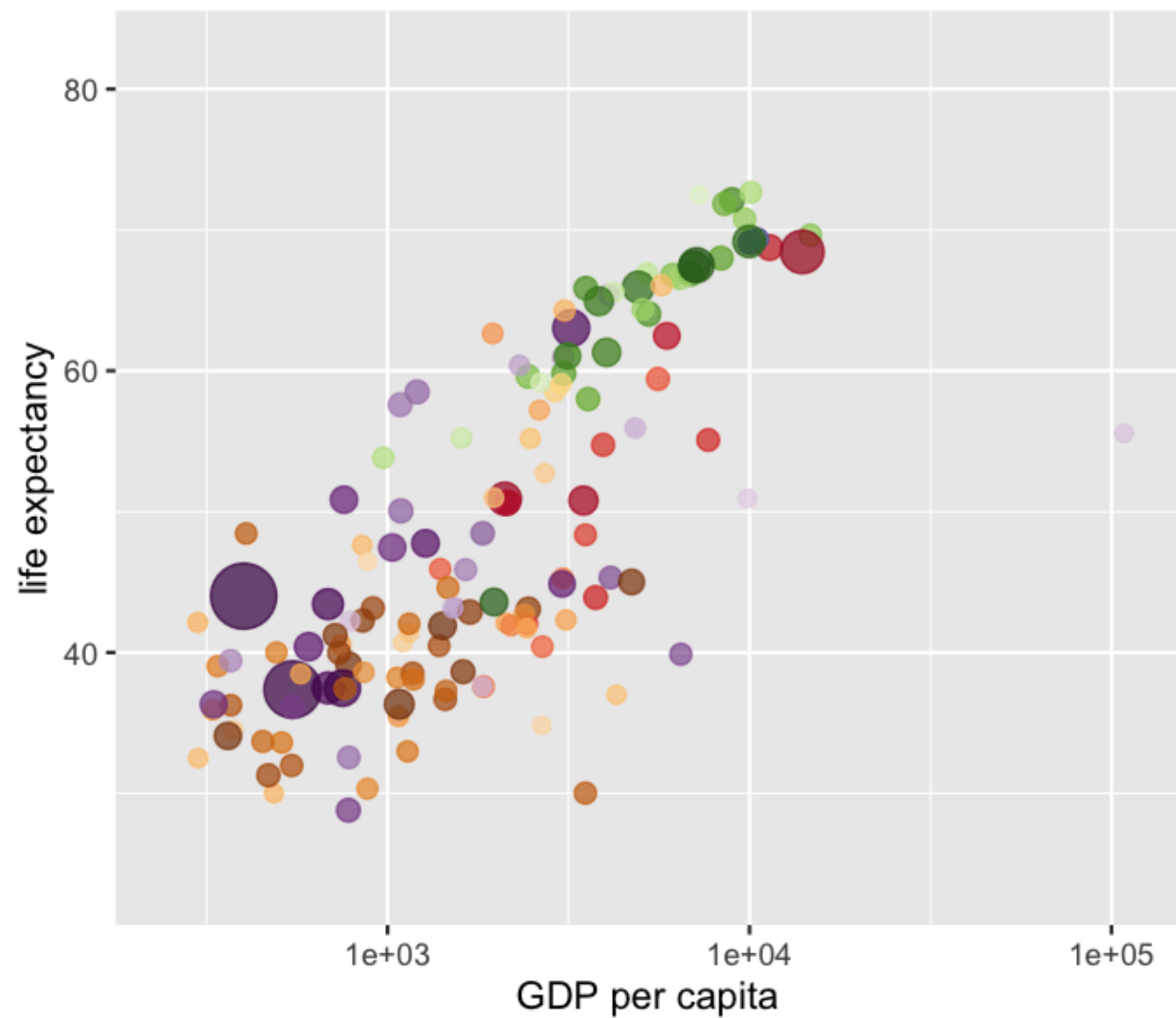
labs(title = 'Year: {frame_time}') +

shadow_mark(alpha = 0.3, size = 0.5)

Year: 1952



Year: 1952

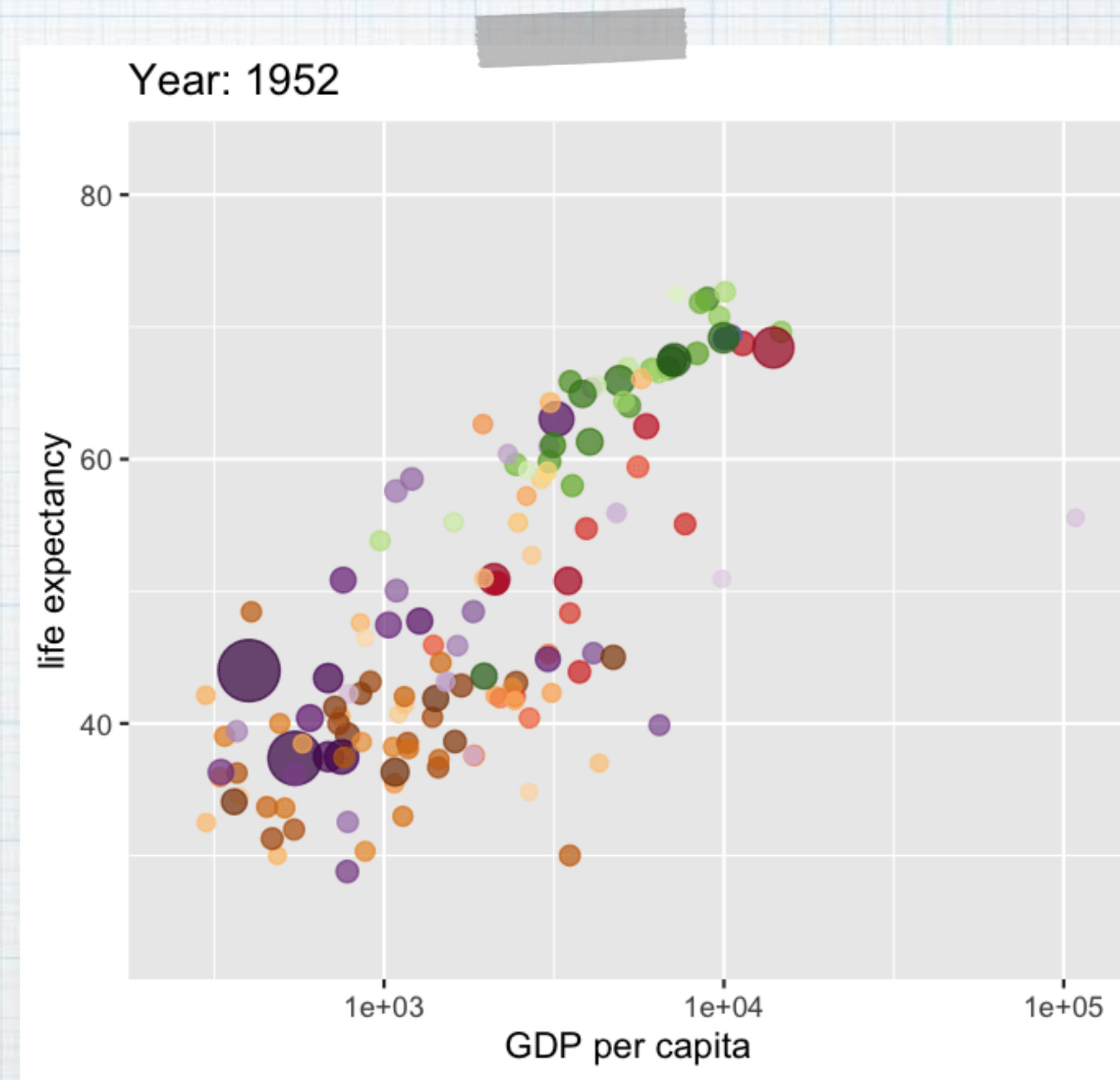




Example 1

shadow_mark

```
p +  
  transition_time(year) +  
  labs(title = 'Year: {frame_time}') +  
  shadow_mark(alpha = 0.3, size = 0.5)
```



Example 2: Temperature

```
library(GSODR)
library(dplyr)
copenhagen ← nearest_stations(LAT = 55.676098,
                              LON = 12.568337,
                              distance = 50)

austin ← nearest_stations(LAT = 30.267153,
                          LON = -97.7430608,
                          distance = 50)

copenhagen_temp ← get_GSOD(2018, station=copenhagen)
austin_temp ← get_GSOD(2018, station = austin)

january ← bind_rows(copenhagen_temp, austin_temp)%>%
  filter(MONTH = '01') %>%
  distinct(YDAY, STNID, .keep_all = TRUE) %>%
  mutate(location = if_else(
    STNID %in% copenhagen, 'Copenhagen', 'Austin'
  ))
select(january, YDAY, TEMP, location, STNID)
```

```
## # A tibble: 507 x 4
##       YDAY  TEMP location  STNID
##   <dbl> <dbl> <chr>    <chr>
## 1      1    5.7 Copenhagen 026110-99999
## 2      2    4.7 Copenhagen 026110-99999
## 3      3    3.2 Copenhagen 026110-99999
## 4      4    3.1 Copenhagen 026110-99999
## 5      5    2.2 Copenhagen 026110-99999
## 6      6    0.4 Copenhagen 026110-99999
## 7      7   -2.2 Copenhagen 026110-99999
## 8      8   -0.2 Copenhagen 026110-99999
## 9      9    1.3 Copenhagen 026110-99999
## 10     10    3    Copenhagen 026110-99999
## # ... with 497 more rows
```