

Examine Life Expectancy

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```
library(tidyverse)
library(gapminder)
```

Abstract

Here, I re-examine the analysis of Oeppen and Vaupel (2002).

This is summarizing the data to be clean

Life Expectancy Analysis

```
data("gapminder_unfiltered")
gapminder_unfiltered %>%
  group_by(year) %>%
  filter(lifeExp == max(lifeExp)) %>%
  ungroup() %>%
  select(year, country, lifeExp) %>%
  arrange(year)->
  sumdat
```

```
sumdat %>%
  ggplot(aes(x=year, y=lifeExp)) +
  geom_point(aes(color = country)) +
  geom_point (pch =1) +
  theme_bw()+
  geom_smooth(method = "lm", se = FALSE) +
  xlab("Year") +
  ylab("Maximum Life Expectancy") +
  scale_color_discrete((name = "Country"))
```

```
## `geom_smooth()` using formula 'y ~ x'
```

