

Week02PC_Gapminder

Andrew Croft

07/03/2021

Introduction

In this document, we will be exploring the Gapminder dataset.

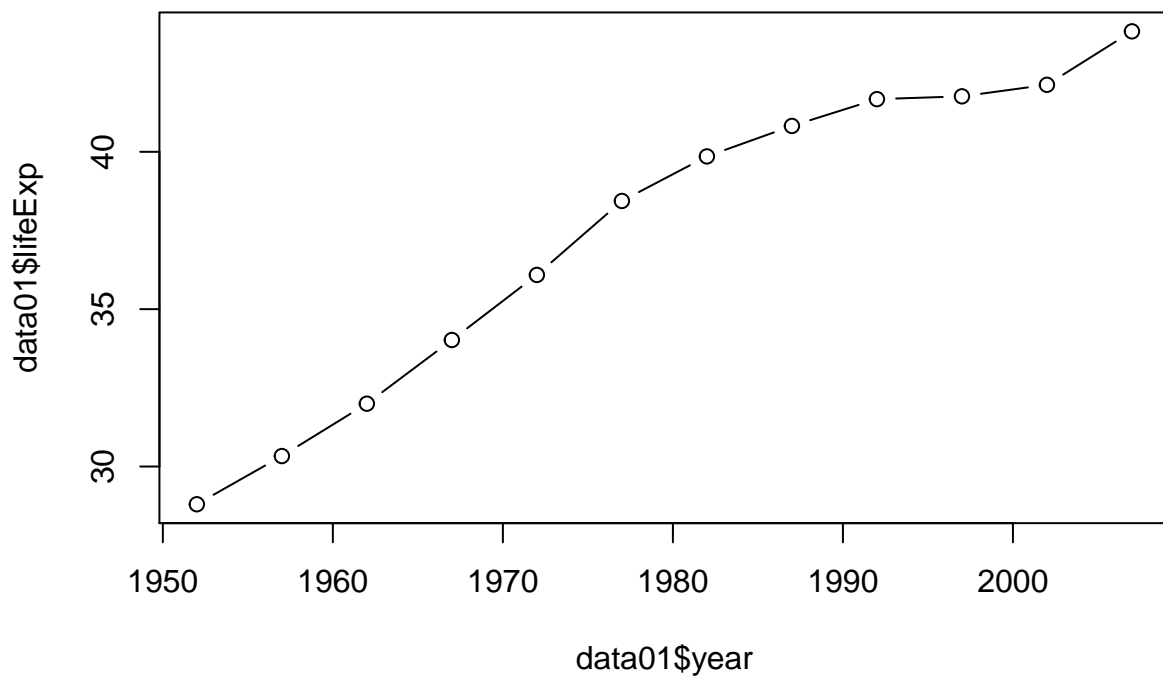
Observations of Gapminder

Countries with life expectancy less than 30 at any time in dataset

country	continent	year	lifeExp	pop	gdpPercap
Afghanistan	Asia	1952	28.801	8425333	779.4453
Rwanda	Africa	1992	23.599	7290203	737.0686

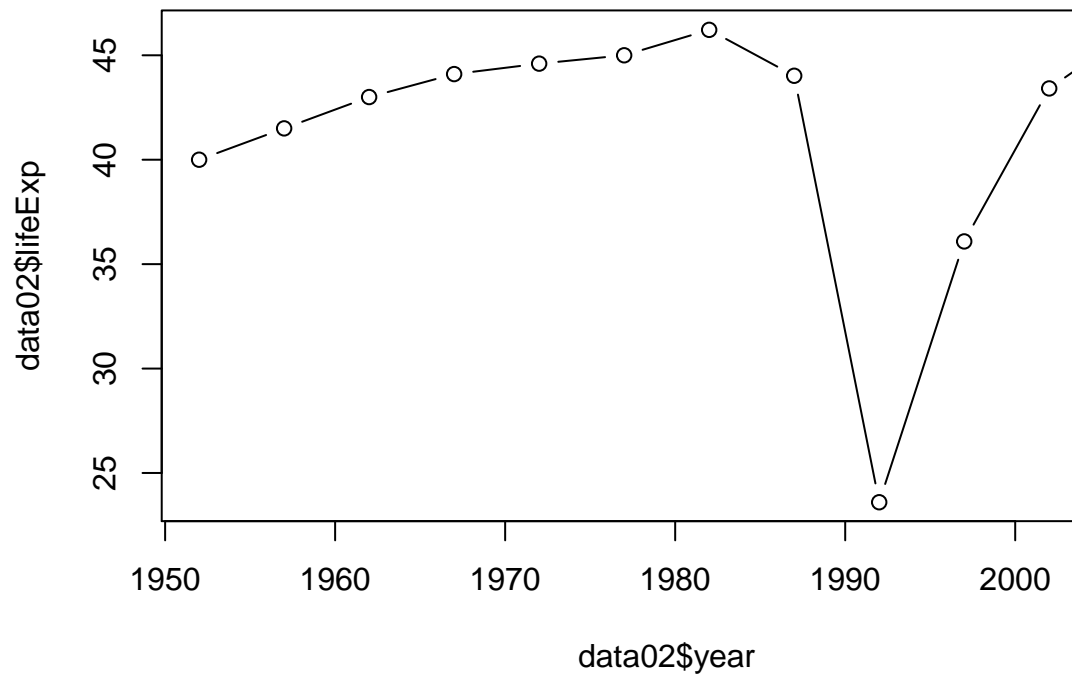
Afghanistan's Life Expectancy over time

Rose strongly from 1952 but plateaued in 1980s with 30 years of war between the Russians, Taliban, Americans plus allies including Australia. Amazingly heading up again at 2007.



Rwanda's Life Expectancy over time

Calamity in 1992 - war as I recall.



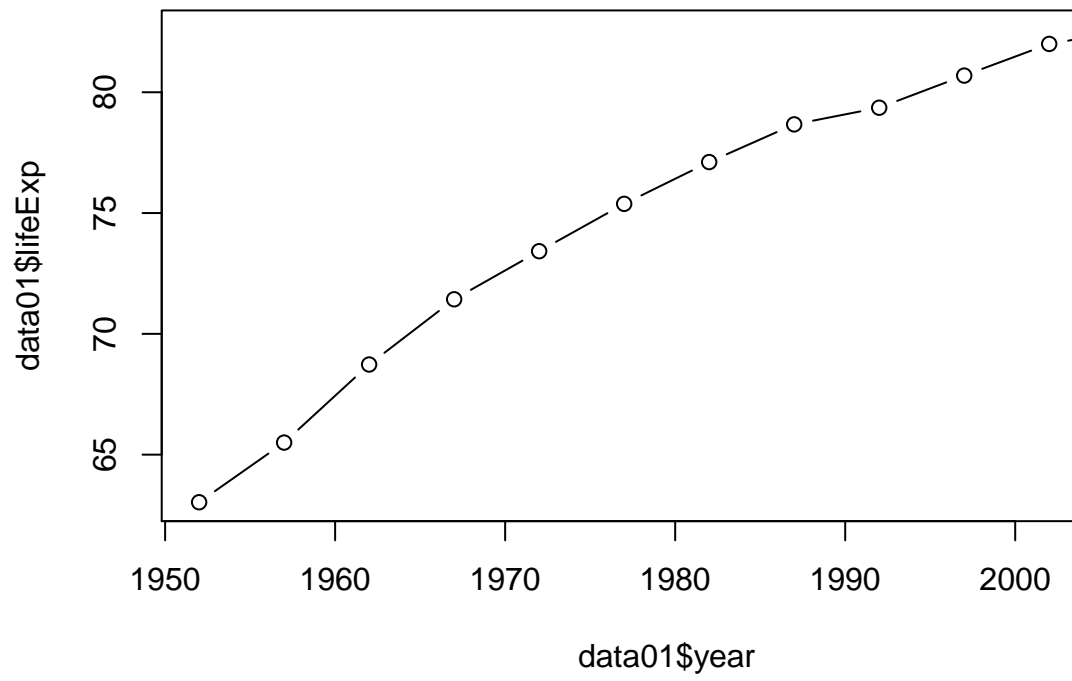
Life Expectancy over Time-1.pdf

Countries with life expectancy greater than 81

country	continent	year	lifeExp	pop	gdpPercap
Japan	Asia	2007	82.603	127467972	31656.07
Hong Kong, China	Asia	2007	82.208	6980412	39724.98
Japan	Asia	2002	82.000	127065841	28604.59
Iceland	Europe	2007	81.757	301931	36180.79
Switzerland	Europe	2007	81.701	7554661	37506.42
Hong Kong, China	Asia	2002	81.495	6762476	30209.02
Australia	Oceania	2007	81.235	20434176	34435.37

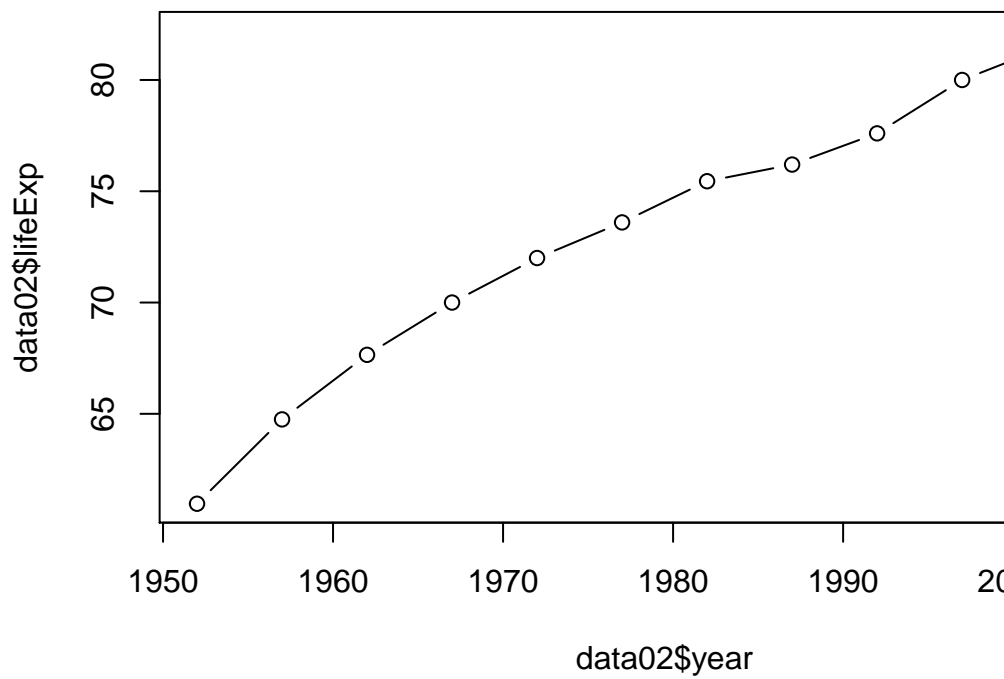
Japan's Life Expectancy over time

Positive trend post-war, but also reflects their post war economic 'miracle'.



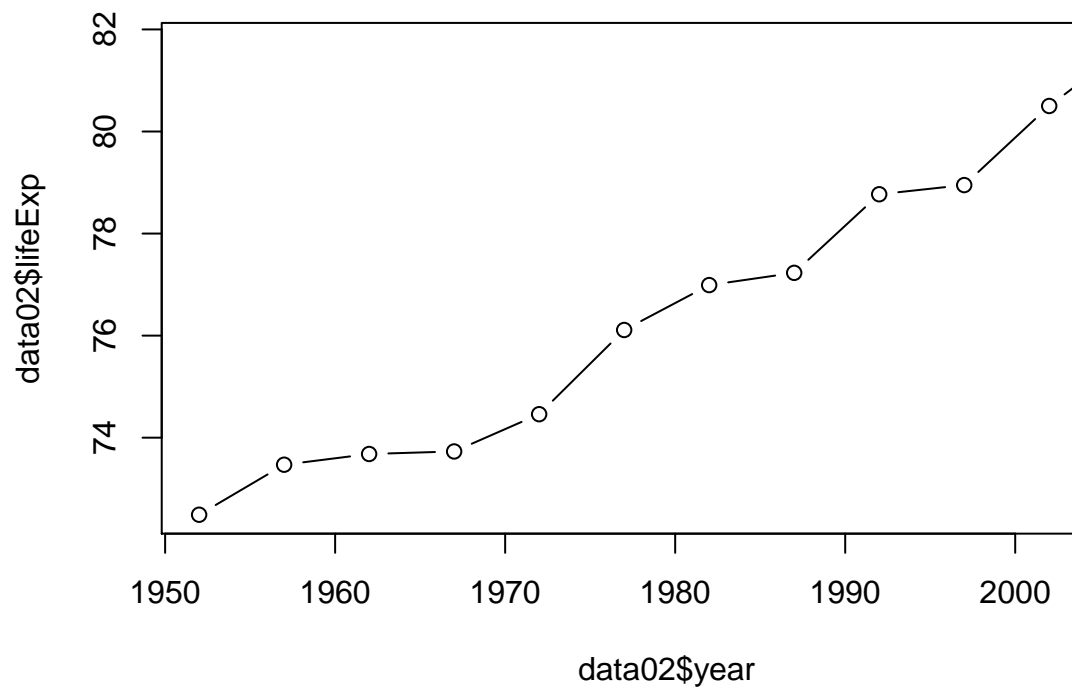
Life Expectancy over Time-1.pdf

Hong Kong, China's Life Expectancy over time



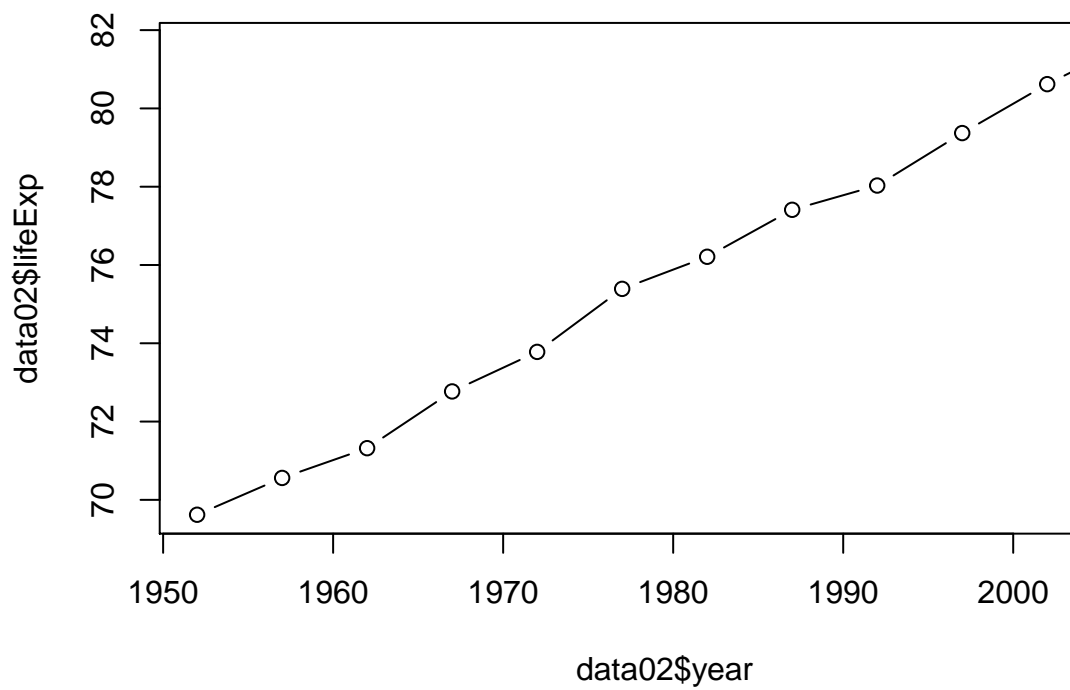
Kong Life Expectancy over Time-1.pdf

Iceland's Life Expectancy over time



Life Expectancy over Time-1.pdf

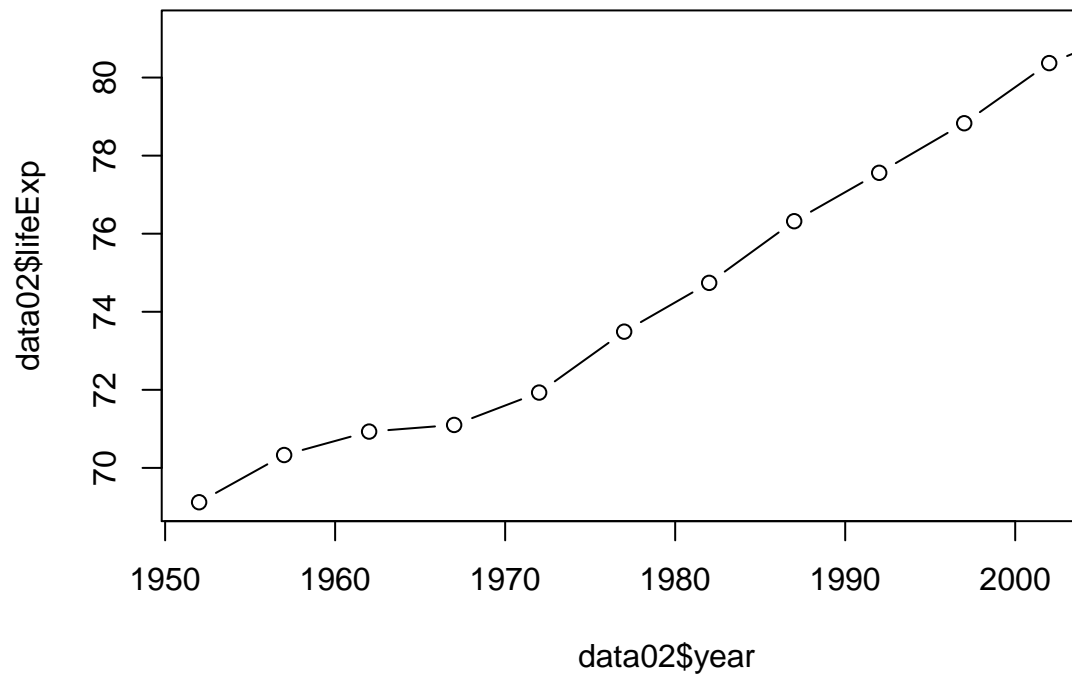
Switzerland's Life Expectancy over time



Life Expectancy over Time-1.pdf

Australia's Life Expectancy over time

Consistent with other developed countries, a positive trend since 1952.



Life Expectancy over Time-1.pdf

Life expectancy by continent in 2007

How good is it to be in Oceania? Hmmm....

