

Gapminder

MShep

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Introduction

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

Observations of Gapminder

Countries with life expectancy less than 30

```
filter(gapminder, lifeExp < 30)
```

```
## # A tibble: 2 x 6
##   country      continent year lifeExp      pop gdpPercap
##   <fct>        <fct>    <int>   <dbl>   <int>   <dbl>
## 1 Afghanistan Asia      1952   28.8 8425333    779.
## 2 Rwanda      Africa    1992   23.6 7290203    737.
```

We see two countries, Afghanistan and Rwanda. We see 6 columns (country, continent, year, lifeExp, pop, gdpPercap)

Countries with life expectancy greater than 81

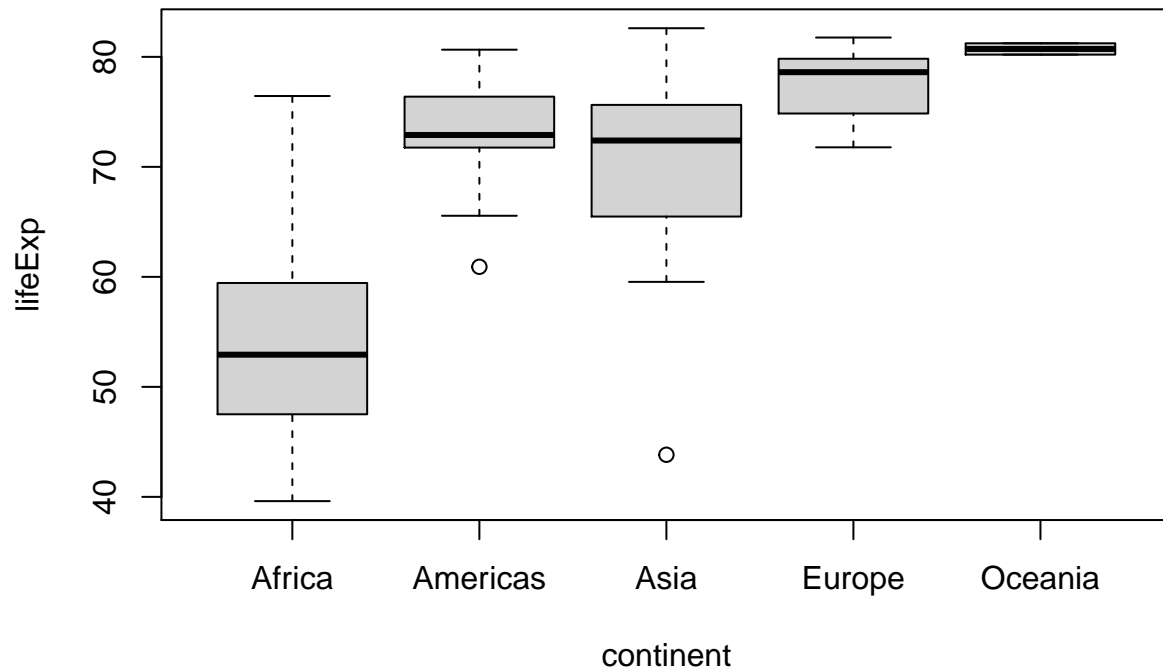
```
filter(gapminder, lifeExp > 81)
```

```
## # A tibble: 7 x 6
##   country      continent year lifeExp      pop gdpPercap
##   <fct>        <fct>    <int>   <dbl>   <int>   <dbl>
## 1 Australia    Oceania    2007   81.2 20434176 34435.
## 2 Hong Kong, China Asia      2002   81.5  6762476 30209.
## 3 Hong Kong, China Asia      2007   82.2  6980412 39725.
## 4 Iceland      Europe     2007   81.8   301931 36181.
## 5 Japan        Asia      2002    82 127065841 28605.
## 6 Japan        Asia      2007   82.6 127467972 31656.
## 7 Switzerland Europe     2007   81.7  7554661 37506.
```

We see a couple of countries appear **twice**, *HK* and *Japan*.

Life Expectancy by continent in 2007

```
gapminder2 <- gapminder %>% filter(gapminder$year==2007)
boxplot(lifeExp~continent,data=gapminder2)
```



Gosh I **suck** at this! I finally see a plot. Africa lowest overall, and widest spread.