

# Report for Morocco

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This an exmaple Rmarkdown file to show how we can easily render reports for many parameters across a variable.

We'll use for the example the dataset `gapminder` which includes information about countries' population, life expectancy and GDP across several years. This is a sample from the original gapminder but will do for the current exmaple.

We'll start with loading our packages:

```
library(gapminder)
library(tidyverse)
library(glue)
theme_set(theme_minimal())
```

Here we can add more text with different features such as:

- *italic*
- **bold**

a list:

- 1.
- 2.

## H1

## H2

## H3

### Descriptives

We first want to look at some descriptive to understand where our country is located in comparison to others.

Therefore let's look at Morocco life expectancy across years in comparison to other countries:

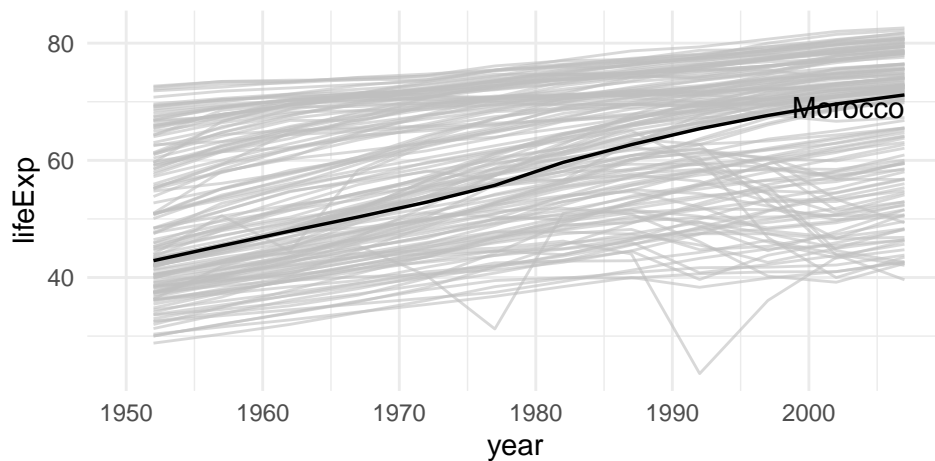
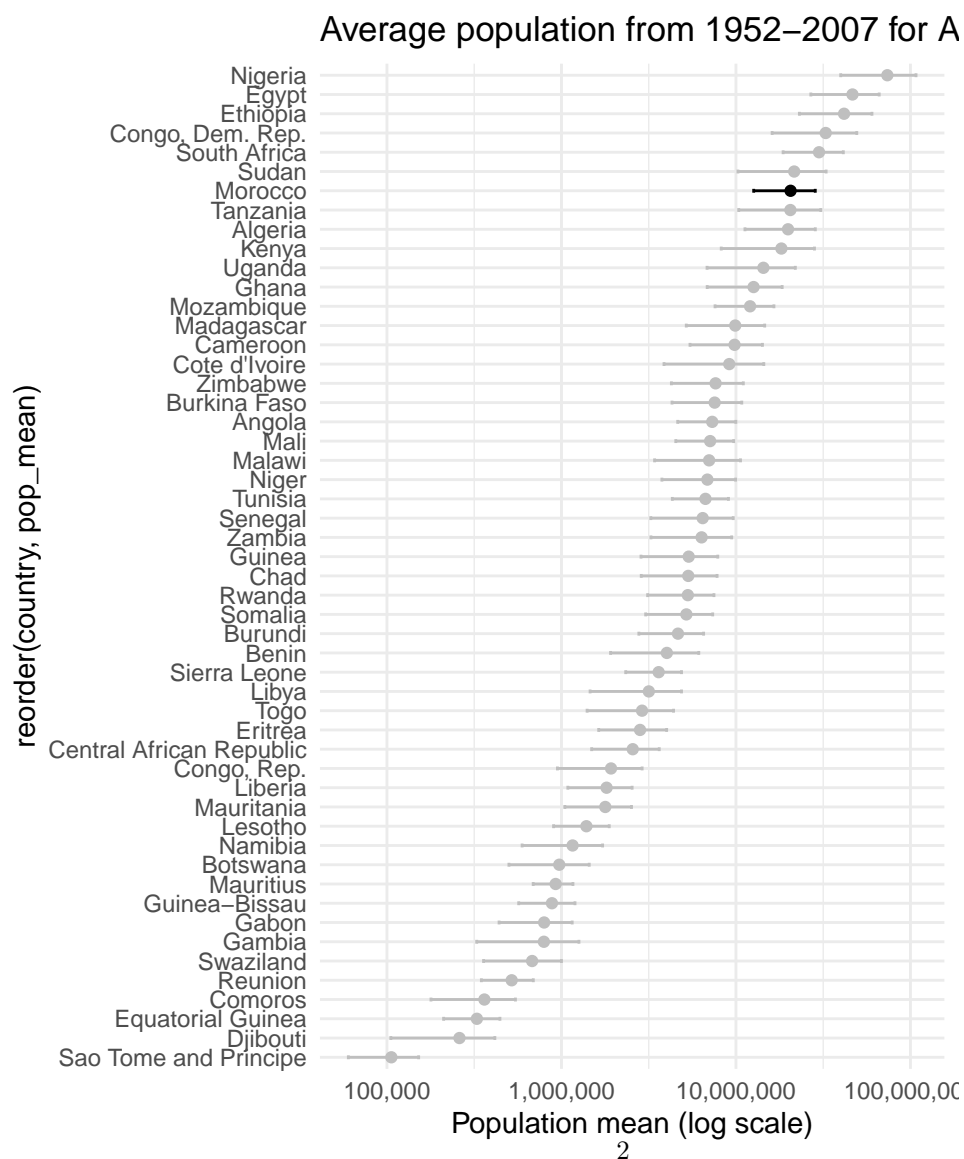
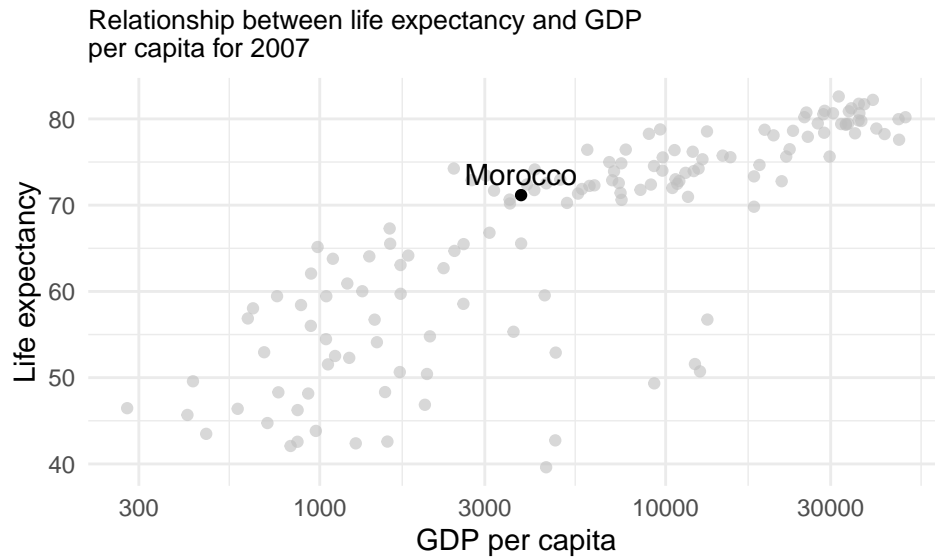


Figure 1: Here we can add a nice caption explaining a little more about the graph

Or we can look at the average with 1 sd each way:



Another thing we might be interested in is Morocco's life expectancy and GDP per capita for the year 2007:



## Regression Analysis

And of course we can easily run a regression and beautifully print it to a table. Again, we can use the `params$` feature we created in the beginning to chose the country we need and print the table accordingly. Let's take the continent we chose - **Africa** - and look if there's a statistical relationship between GDP per capita, life expectancy and population.

	Estimate	Std. Error	t value	Pr(> t )
(Intercept)	-2105896.7554	3493555.0197	-0.6027948	0.5468653
lifeExp	267318.6804	74290.5265	3.5982876	0.0003458
gdpPercap	-474.3993	240.3786	-1.9735502	0.0488758