Lesson 9.1

Data visualisation with R

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Contents

1 The most populous countries in 2007

Table 1: The three most populous countries by continent in 2007. Source: Gapminder.

Country	Population
Africa	
Nigeria	135'031'164
Egypt	80'264'543
Ethiopia	76'511'887
Americas	
United States	301'139'947
Brazil	190'010'647
Mexico	108'700'891
Asia	
China	1'318'683'096
India	1'110'396'331
Indonesia	223'547'000
Europe	
Germany	82'400'996
Turkey	71'158'647
France	61'083'916
Oceania	
Australia	20'434'176
New Zealand	4'115'771

2 Life expectancy and per capita GDP

From Figure 1 we can observe the existence of a positive relationship between per capita GDP growth and life expectancy.
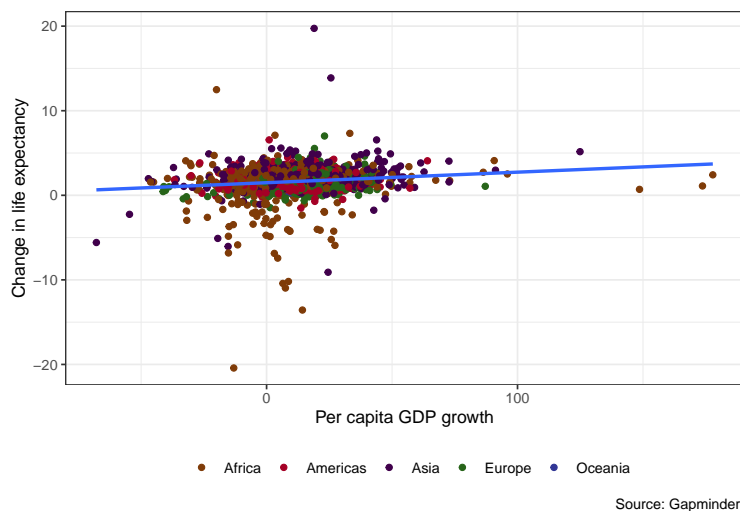

Figure 1: Relationship between per capita GDP growth and change in life expectancy, 1952-2007.

2.1 Econometric table

Table 2: Relationship between per capita GDP growth and life expectancy, 1952-2007.

	Dependent variable:
	dlifeExp
pcGDPgr	0.012***
	(0.002)
Constant	1.490***
	(0.053)
Observations	1,562
R^2	0.017
Note:	*p<0.1; **p<0.05; ***p<0.01