

Hw 07

Cody

November 15, 2017

Here is the explanation of the pipeline for the gapminder dataset

First script: download some data: 00_downloader.R. This will store the data here gapminder.tsv

Second script: read the data, order it, make a few plots from the data, write out an ordered file 01_exploratory.R, this will produce two images, one image like this scatterplot_analysis_lifeexp_vs_year.png:

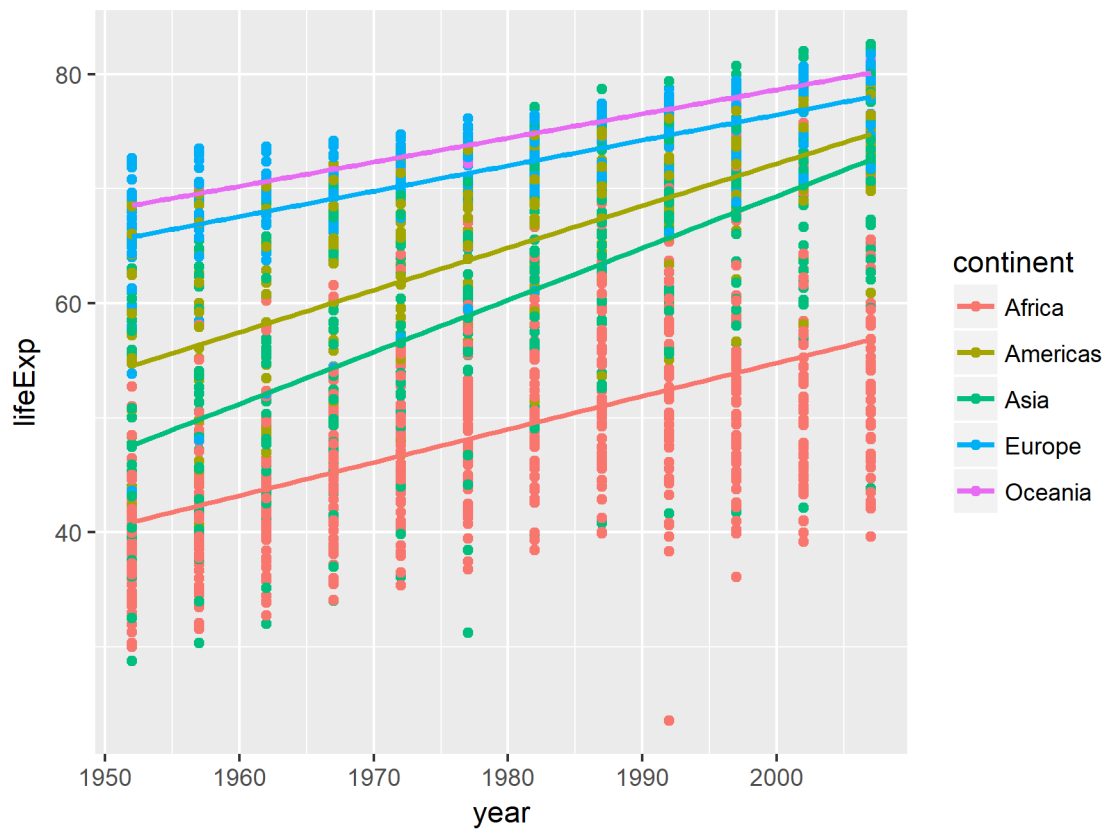


Figure 1:

the other is Scatterplot_totalpop_vs_year.png. Then the file will store the ordered data (By continent and then by life expectancy) in gap_clean.tsv

Third script: Perform statistical analysis and make plots over each continent 02_statistical.R, this will create images like Europe_countries_lifeexp.png:

Others will be:

- Africa_countries_lifeexp.png
- Americas_countries_lifeexp.png
- Asia_countries_lifeexp.png
- Oceania_countries_lifeexp.png

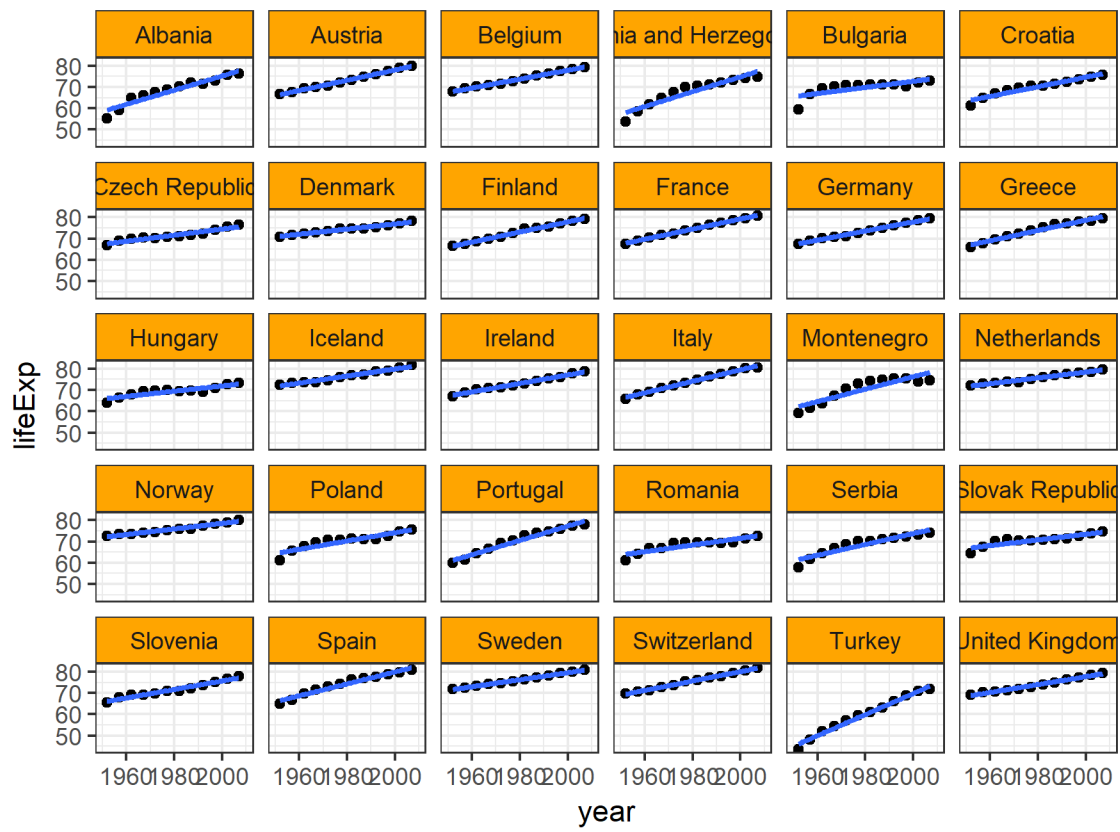


Figure 2:

Fourth script: The master file to run this pipeline master.R