kmaps

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Description

This note documents a code snippet that I use to produce maps like the ones on the next page. It might help people working on European country-level data, which is fairly common in comparative politics.

The code works with the companion dataset and shapefiles; see README for a description of both. It relies on ISO-2 alphabetical country codes to match them together.

I still need to write a full-fledged function to make the data and graphics completely flexible.

Use

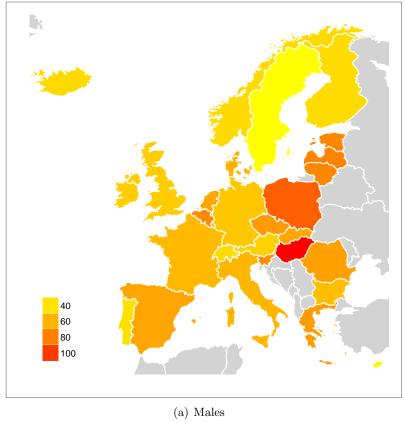
You will need R, your data and a few ESRI shapefiles that can be read with the maptools package. The current version of the code also uses ggplot2 to draw the maps with maximum gusta.

The most important chunk of code follows:

Coordinates

The map is tentatively centred on the European Union by passing Cartesian coordinates to ggplot2. I use a range of [-24, 35] for longitude and a range of [34, 72] for latitude.

The next page shows two examples.



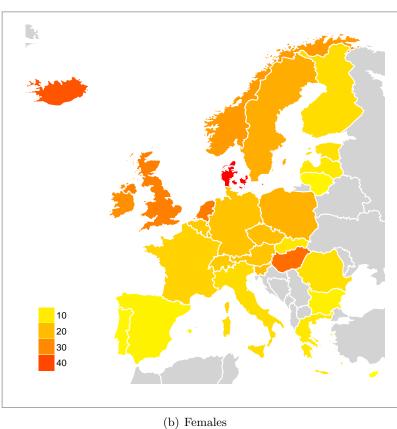


Figure 1: Estimated lung cancer mortality in European countries, 2008. All rates are age-standardised to the European population. Data: European Cancer Observatory. Maps: GISCO – Eurostat, European Commission, 2006.

${\bf Credits}$

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