Week (5) - “Brain Drain”

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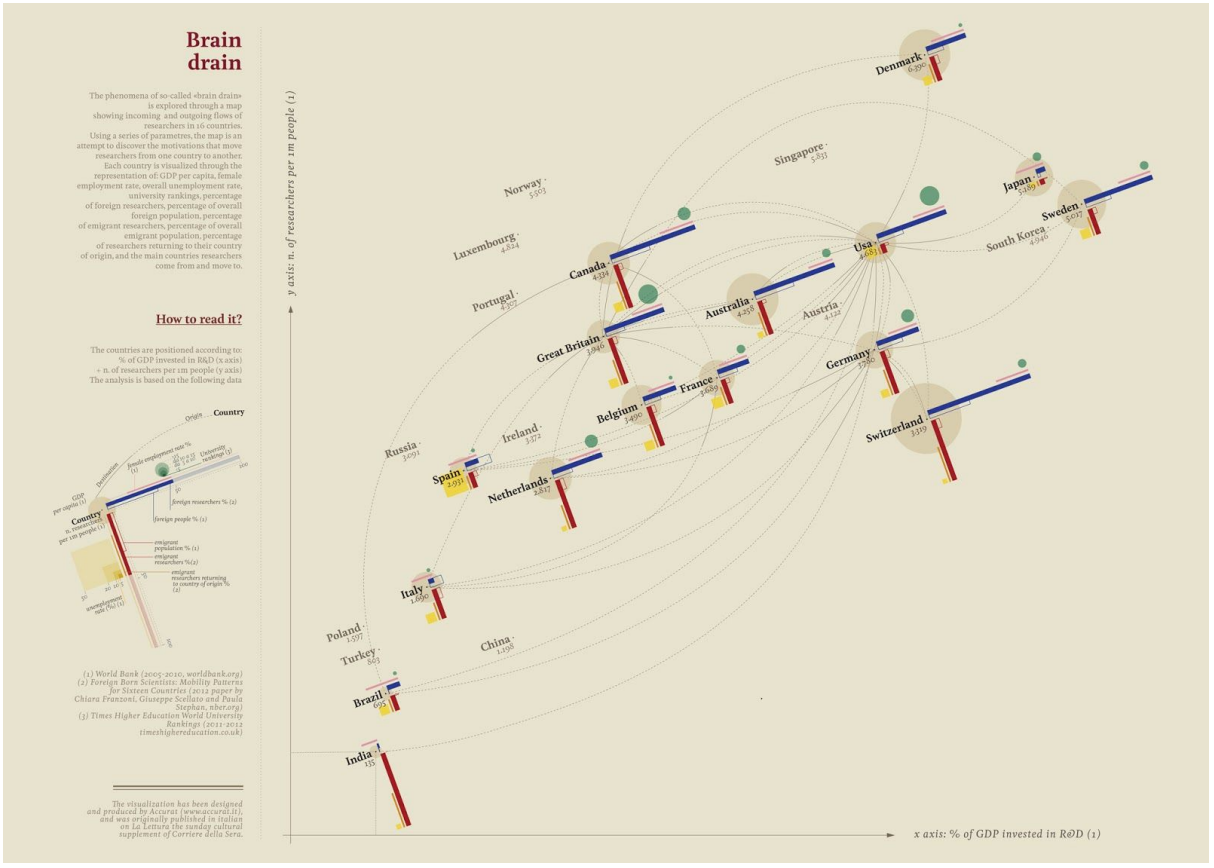

Figure (1)

This visualization is called "Brain Drain" by Giorgia Lupi. It is an exploration of the reasons why researchers from 16 countries leave their homes. The structure used to represent the data is a network with links between destination and origin countries where the dotted part of the link is the origin and the solid part is the destination. The x-axis is GDP per capita, while the y-axis is the number of researchers per 1m people. The number of the researchers per 1m is shown below each country's name. The green circles with different sizes represent the university rankings, and the yellow rectangles with different sizes represent the unemployment rate. The blue bar represents the foreign researchers aligned to the empty bar with a blue frame representing the foreign people, and the red bar represents emigrant researchers aligned to the empty bar with a red frame representing the emergent population. The female employment rate and emigrant researchers returning to their home countries are represented by the pink lines and the orange lines with different lengths.

The network of the destination and the origin countries makes it easy to compare two countries' information, and get an overview about all countries. Also, I like the alignment of, for

example, the blue and red bars. It facilitates comparing the percentage of the foreign people vs. foreign researchers and emigrant population vs. emigrant researchers.

I would suggest adding a tooltip to show more detailed information when hovering over the brown and green circles.

Sources:

1. https://www.flickr.com/photos/accurat/8423908166