Mini Project 3 by sbj286

Visualisation 1:

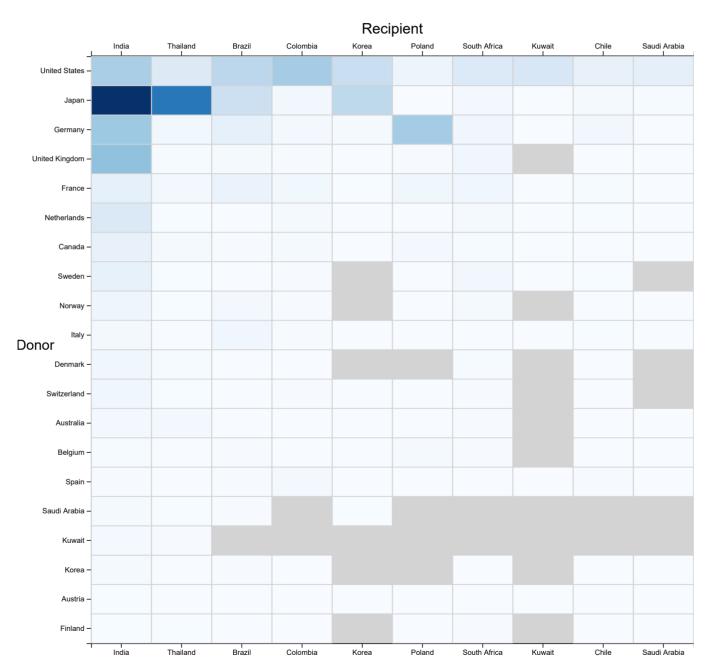
Create an overview of the relationships between countries so that it is possible to see who donates to whom and how much. The main question one should be able to answer is: who are the major donors and to which countries do they donate the most and how much? And conversely, who are the major receivers and which countries do they receive from the most and how much? We only care about the top 10 recipients and the top 20 donors over time for this question.

Explanation: This is a heatmap which shows the amount donated by top 20 donor countries to top 10 recipients. The heatmap is sorted based on the total amount donated on Y axis and total amount received on X axis. Color intensity is used to show the amount donated.

X axis: Recipient Countries Y axis: Donor countries

Donated amount





Visualization 2:

Considering only the top 5 purposes of donation, how does the relationship between countries look like in terms of purposes? What composition of purposes do the donations between each pair of countries have? Are there countries that donate to a given country using multiple purposes? Or do counties always donate using one single purpose when donating to another country? The same as the previous question, we only care about the top 10 recipients and the top 20 donors here.

Explanation: Top 5 purposes are by maximum amount of donation done are shown using different colors in a pie. The size of the circle is based on the total amount donated for all the 5 purposes.

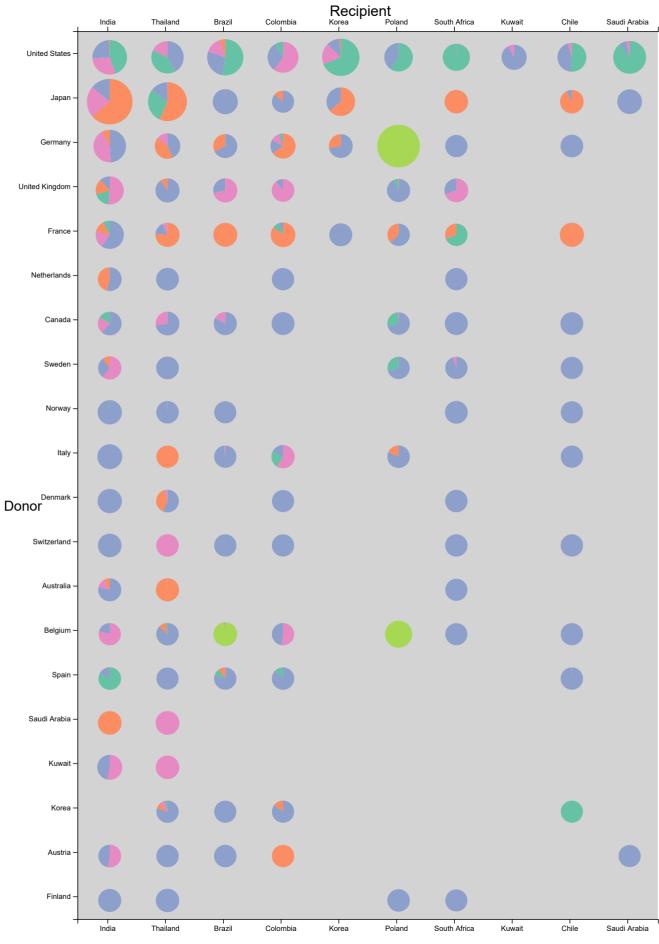
X axis: Top 10 Recipents

Y axis: Top 20 Donors

Proportion of the pie represents the amount for the particular purpose.

Colors: Top 5 purposes





Recipient