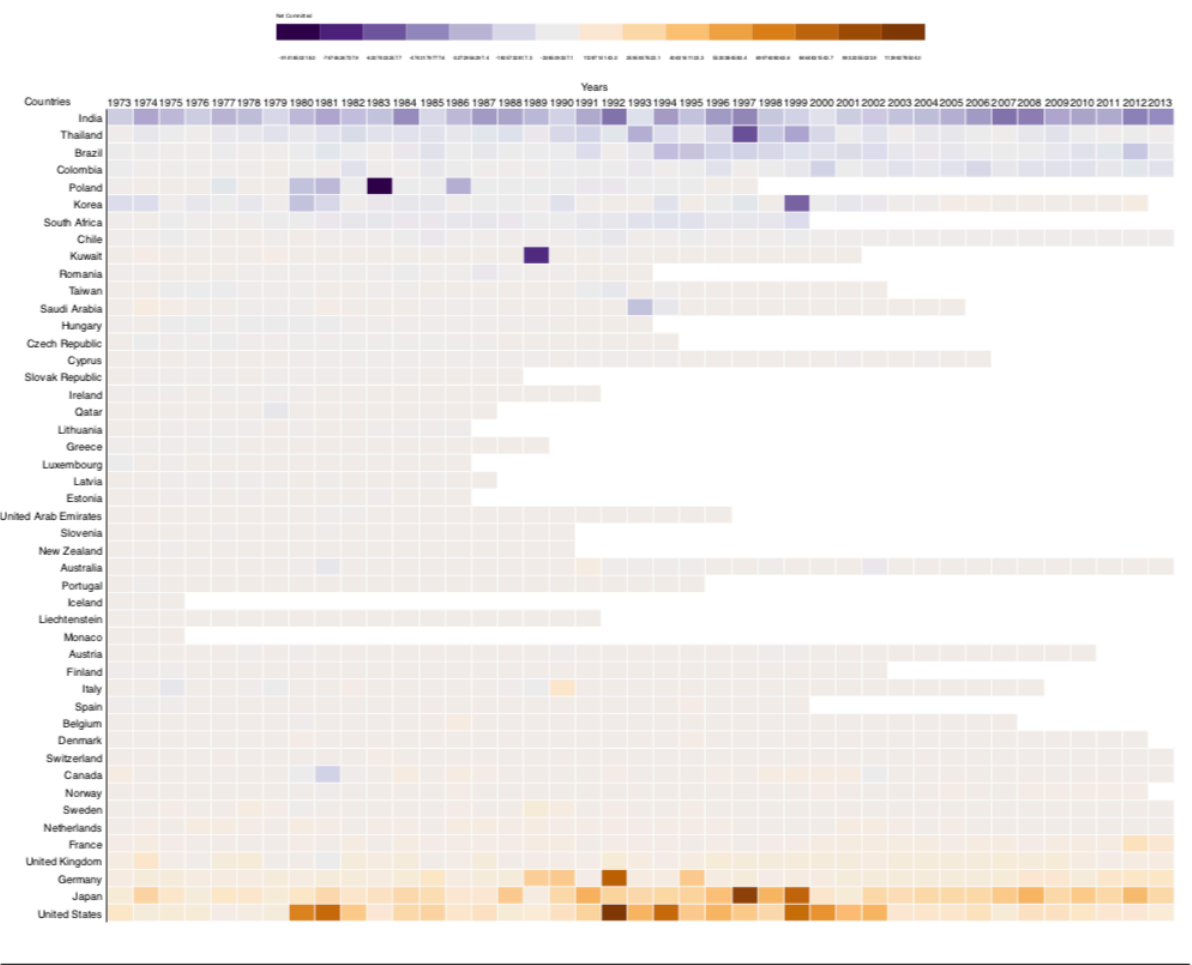


# Rutwik Chinhole (rrc370)

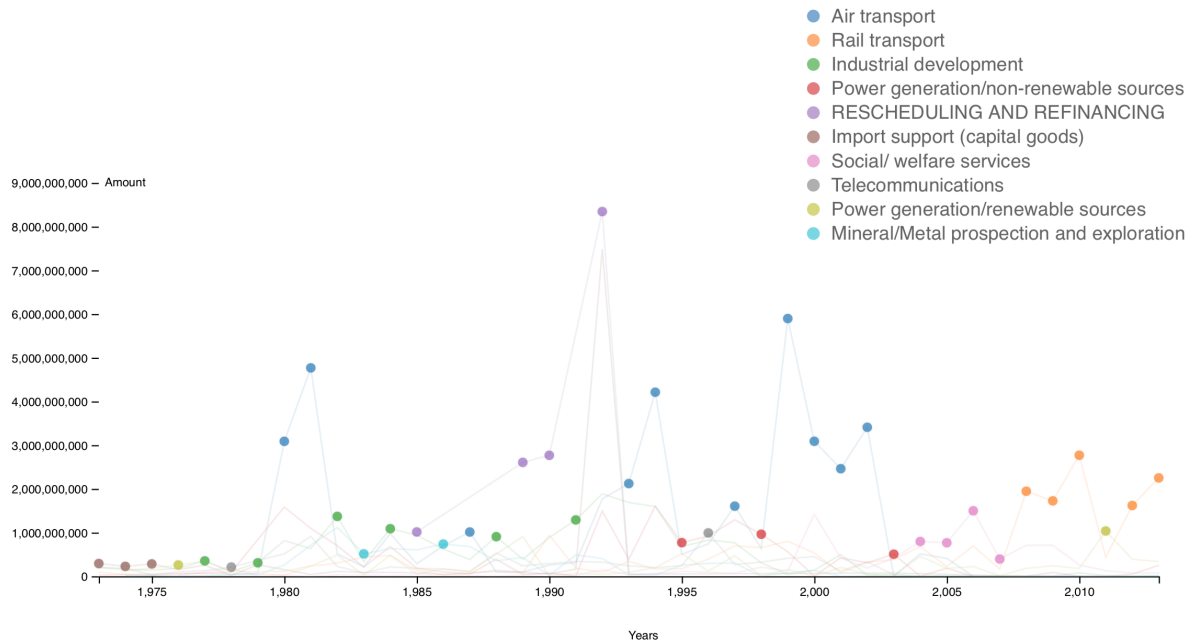
# Rutwik Chinhole (rrc370)

### Visualization 1



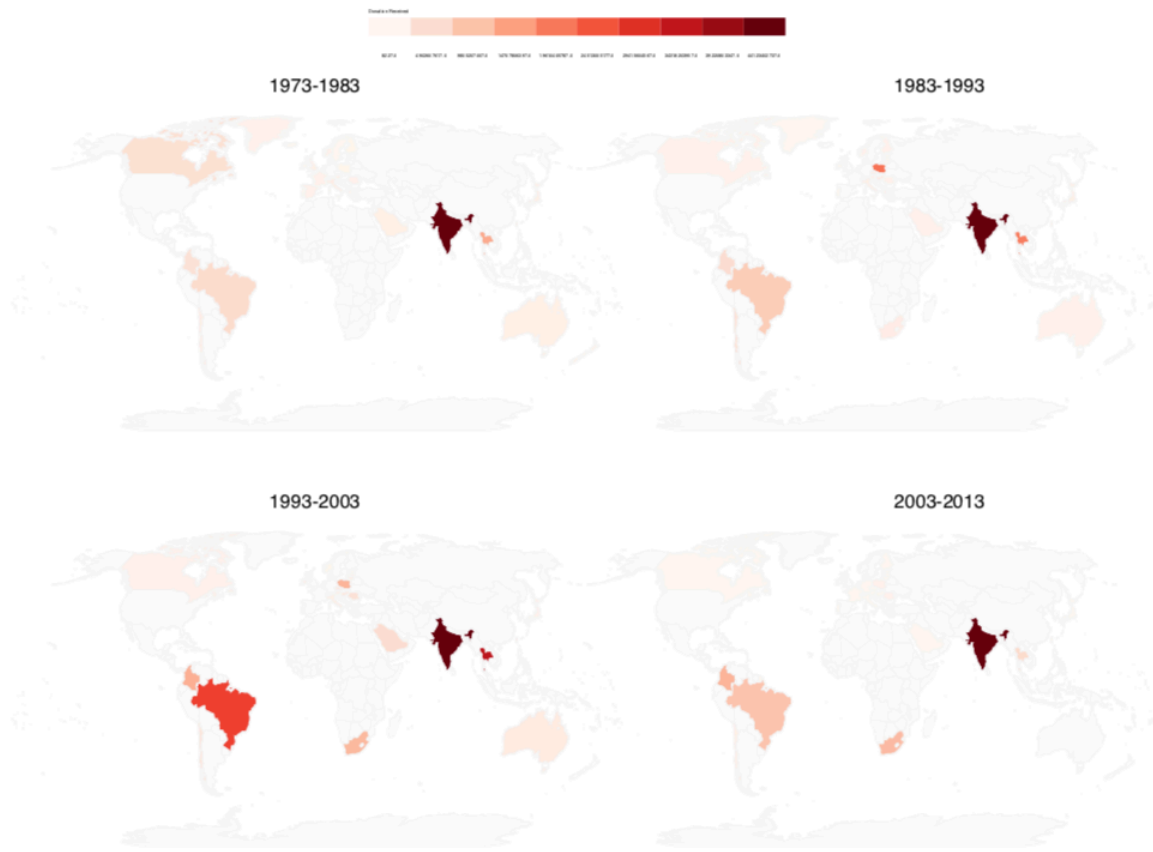
-For the first visualisation since we need to see how does the amount change over time and see the trend of similar countries in terms of amounts committed I have used a heat map where the y axis will hold the countries and the x axis will have the years, each cell will represent the net amount for that country in that particular year and will be labelled according to a diverging color scale which will help us identify the peaks and valleys or the changing roles of some countries successfully (Eg Italy in the year 1989 and 1990)

## Visualisation 2



-For the second visualisation, after finding the top 10 purposes since we need to see how does their relative amount change over time I have used a multiple line chart in which the y axis will represent the amount and the x axis will represent time (years). There will be separate lines for each purpose with a opacity value of 0.7 which will make it look easier to interpret and for each year the purpose with the highest amount will have a circle showing its peak and thus by looking at the graph we will be able to see any prominent purposes for a period of time and how does that change.

### Visualization 3



-For the third visualisation, we have to see how the donations shift geographically over time and since there are many countries I have used faceting and divided the time range into 4 intervals and showed a choropleth map for each time range into a single window using which we can see the history of donations and understand how the regions which need donations change over the years.