

Suicide data

Team information G19

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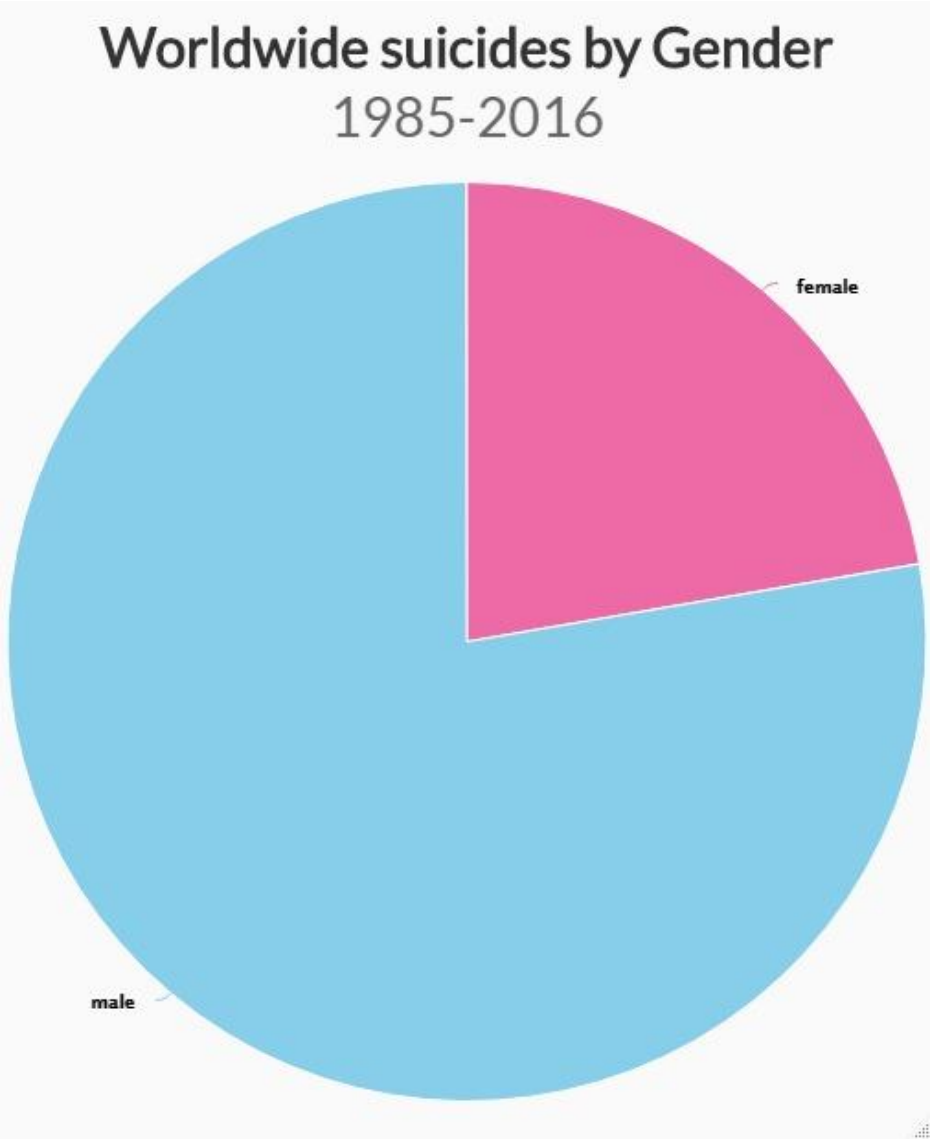
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What is the percentage of men and women suicide globally?

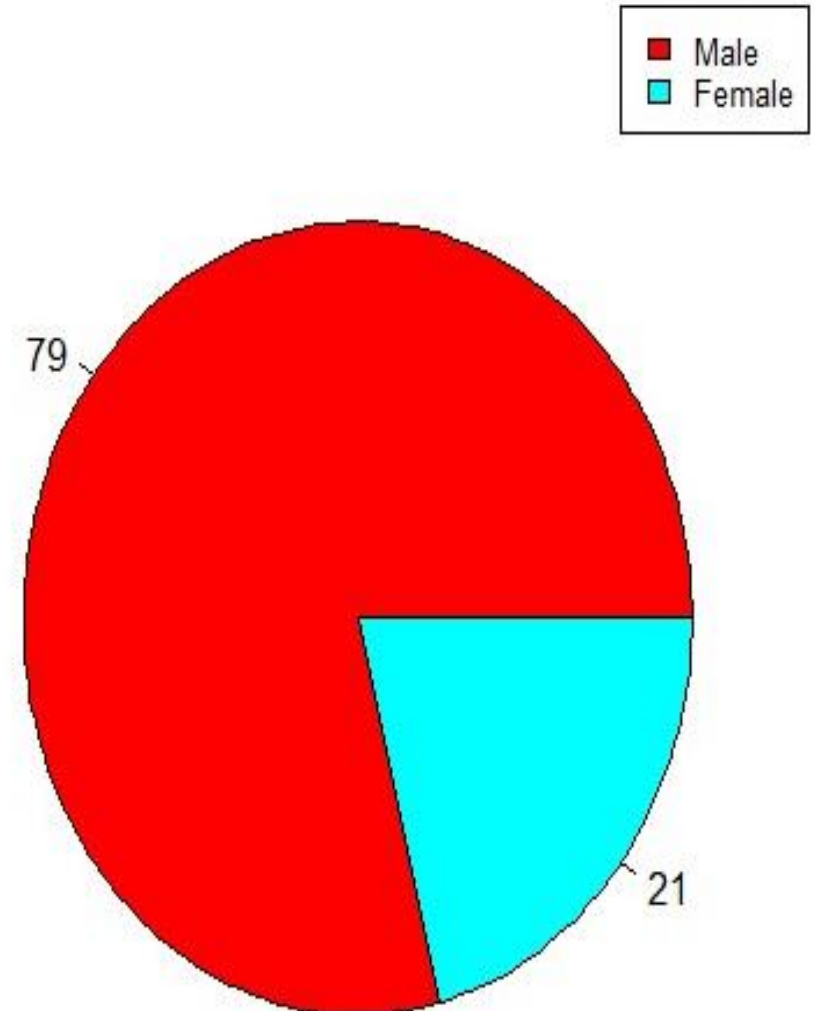
Interactive pie chart with categorical data as gender and suicide percentage among years.

There is a high number of suicide rate among men than women i.e 79% for men and only 21% for women. In years 1985-2016 there is a high suicide percentage among men



- pie chart with categorical data as gender and suicide percentage among years.

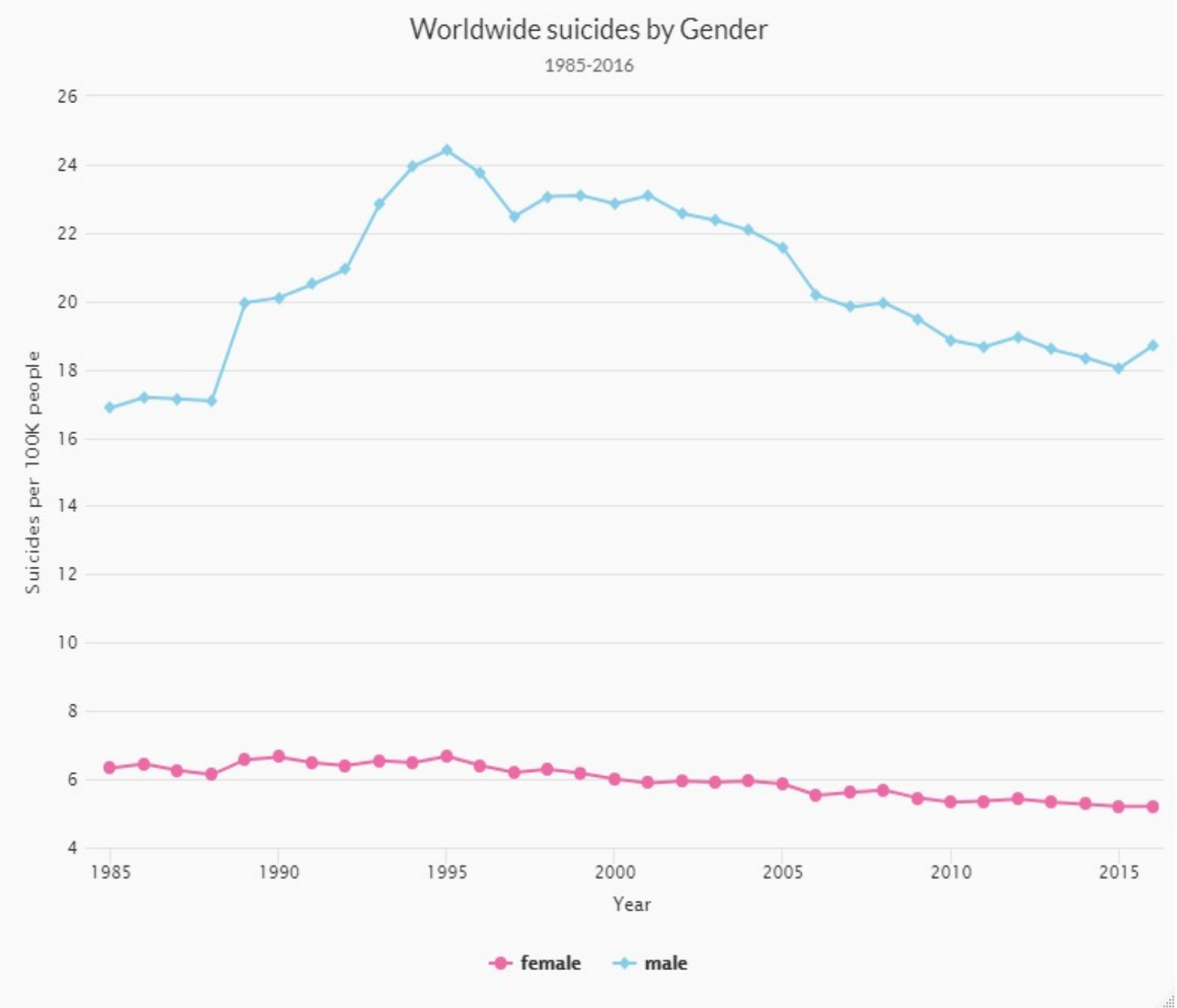
the percentage of men and women suicide globally



Interactive line plot

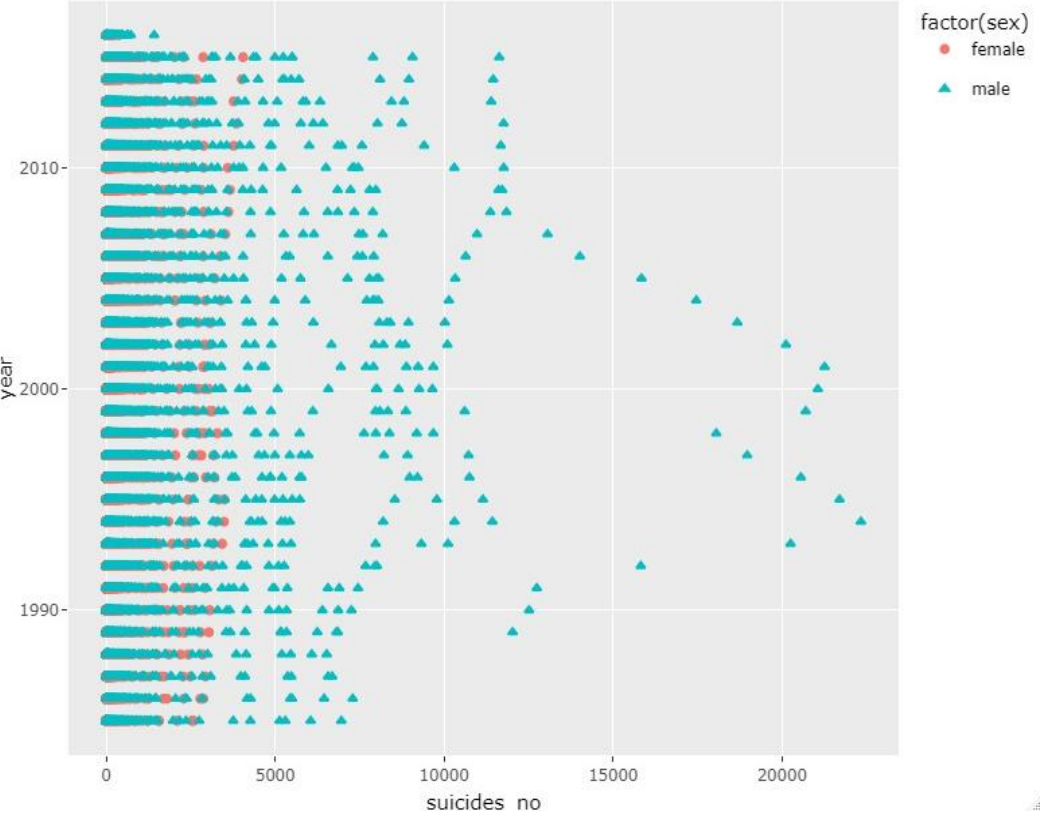
Two trends (male and female) along with years as x axis and suicide rate as y axis. The plot shows suicide rate between men and women among years.

Showing increasing of suicides between men and women through years

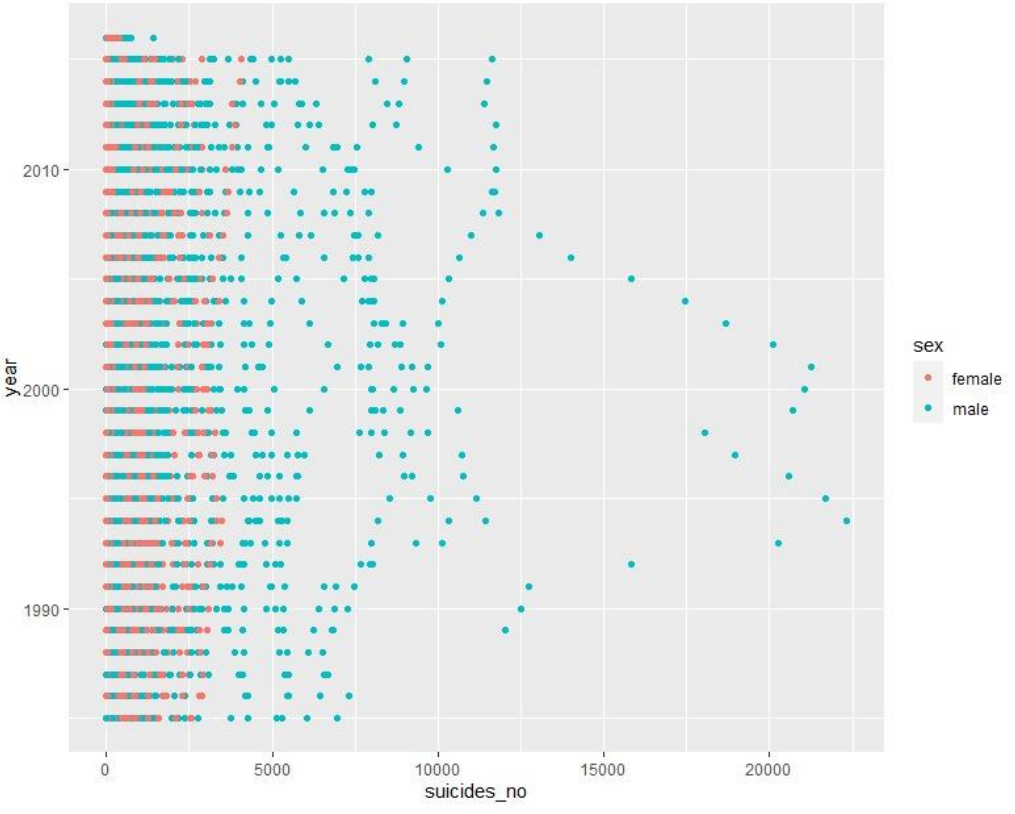


In which year suicide number is higher among men and women?

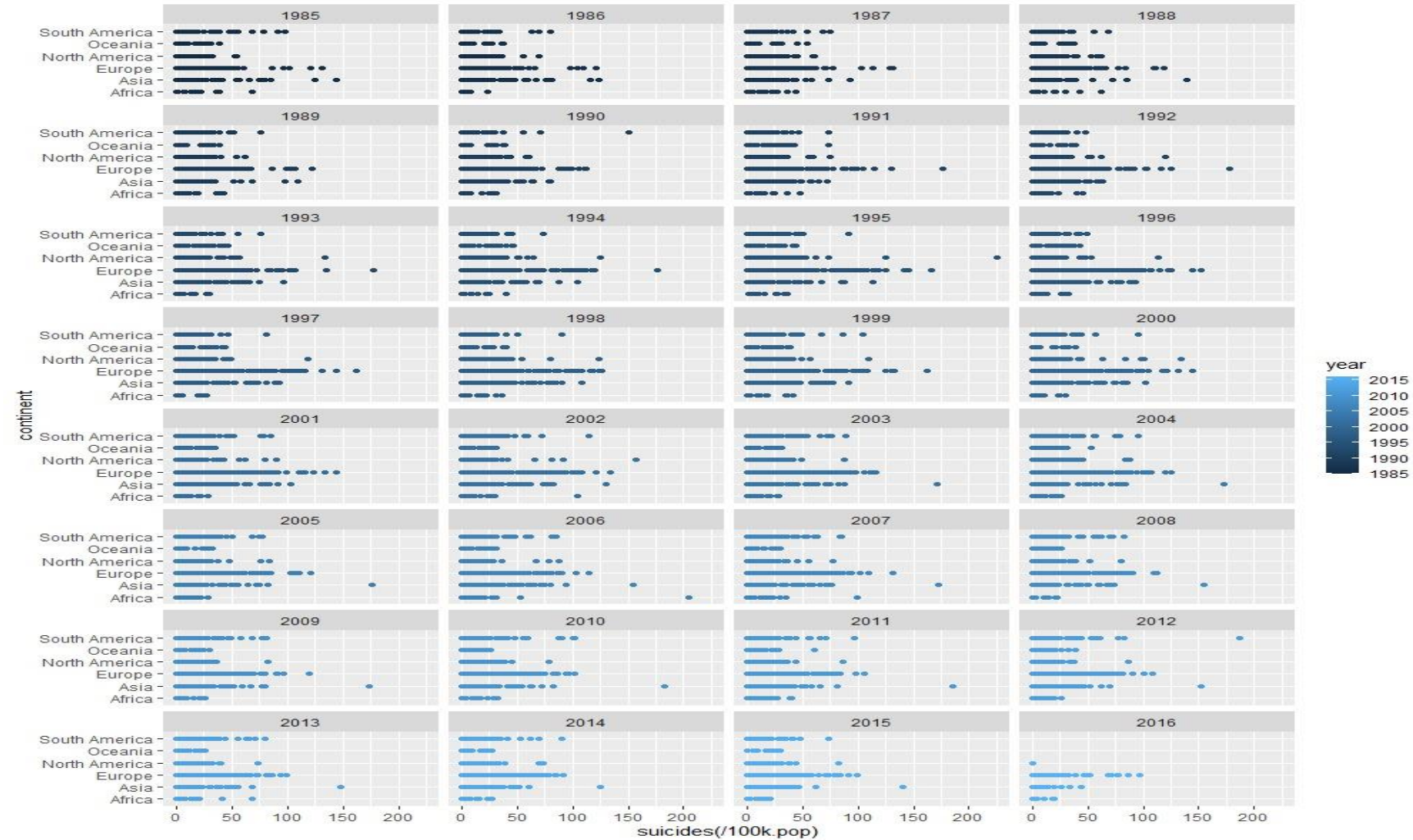
Interactive scatter plot



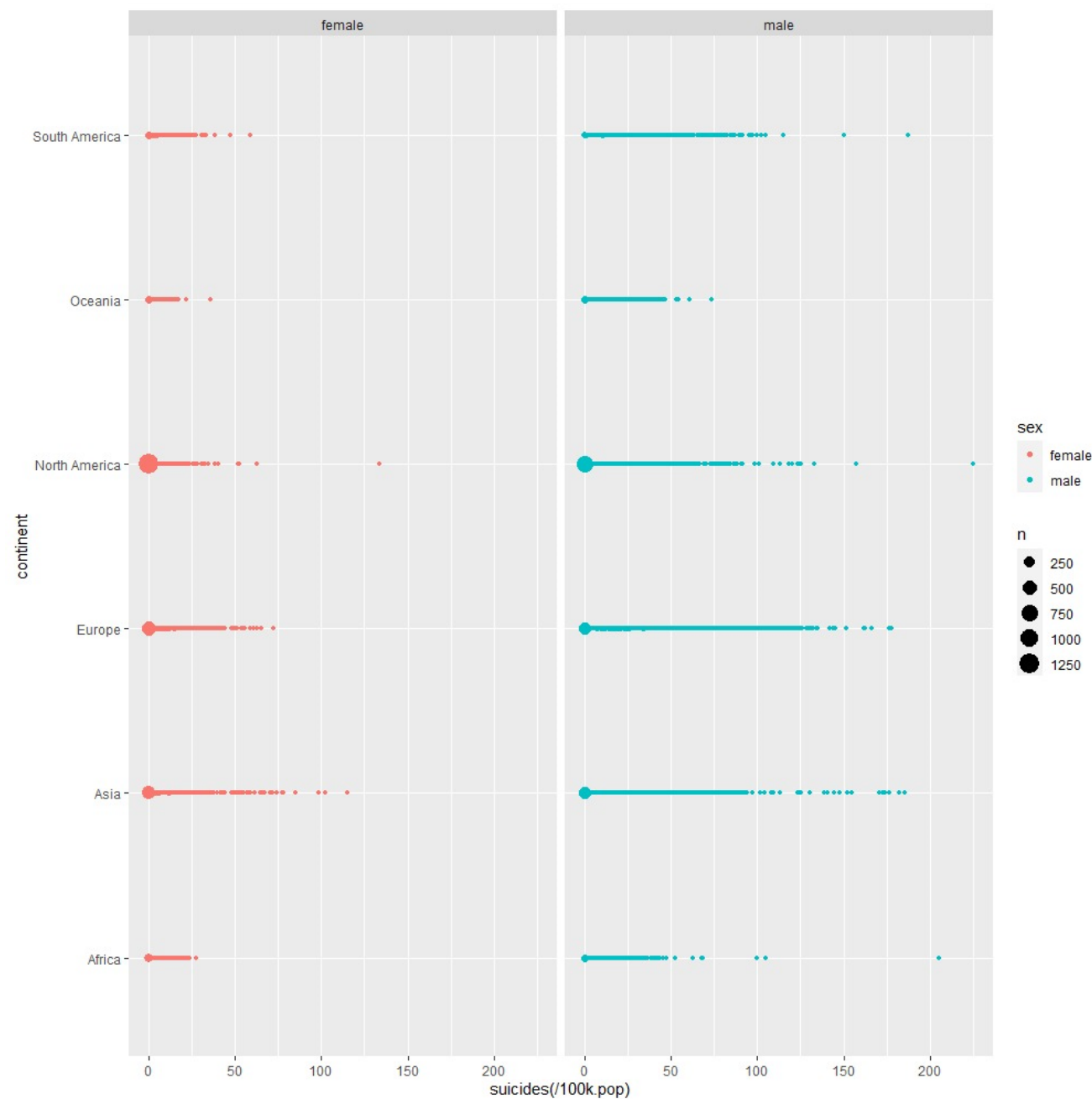
scatter plot



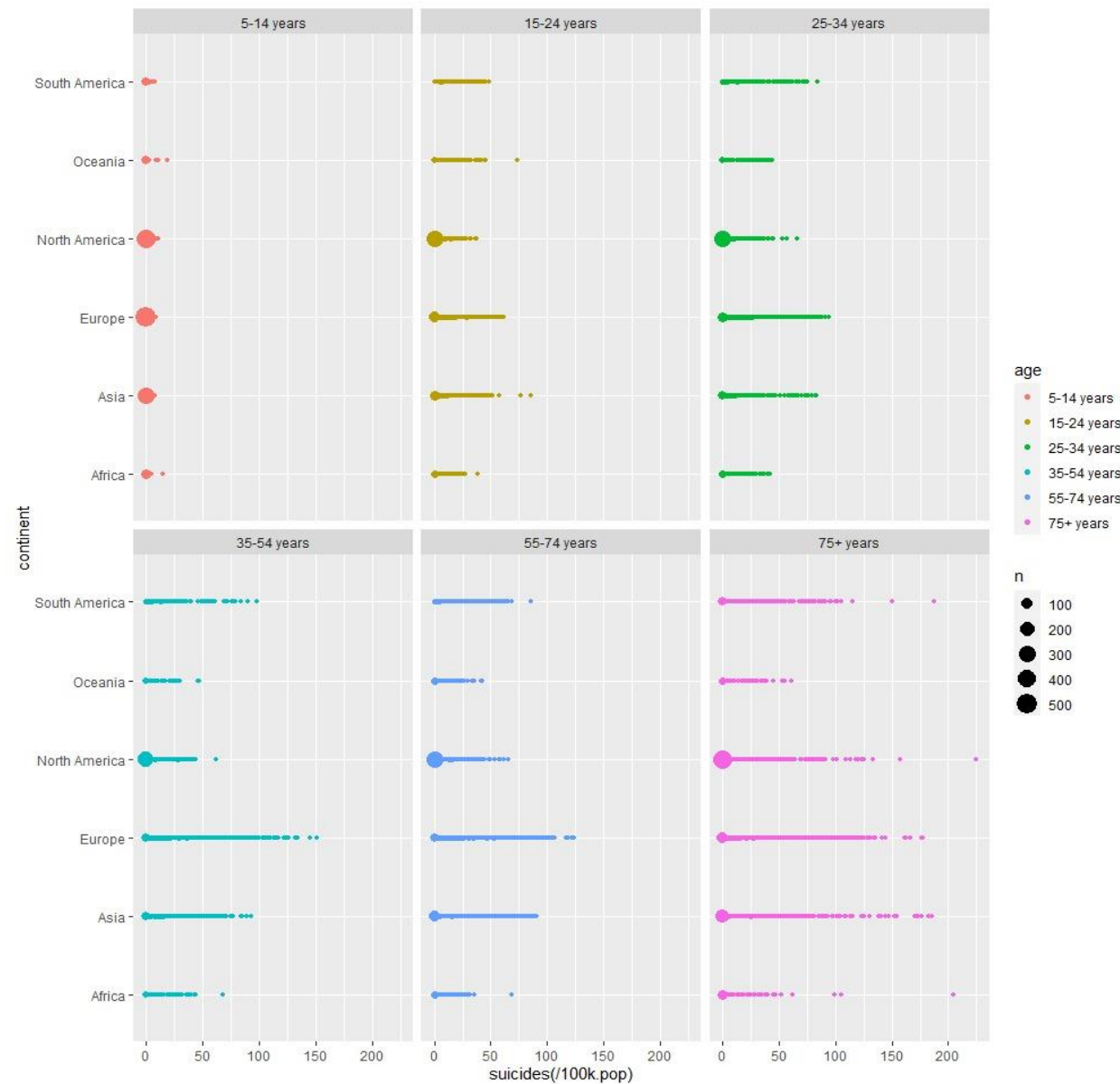
Small multiple plots showing distribution of suicide rate among years and continents. with blue saturation expressing years.



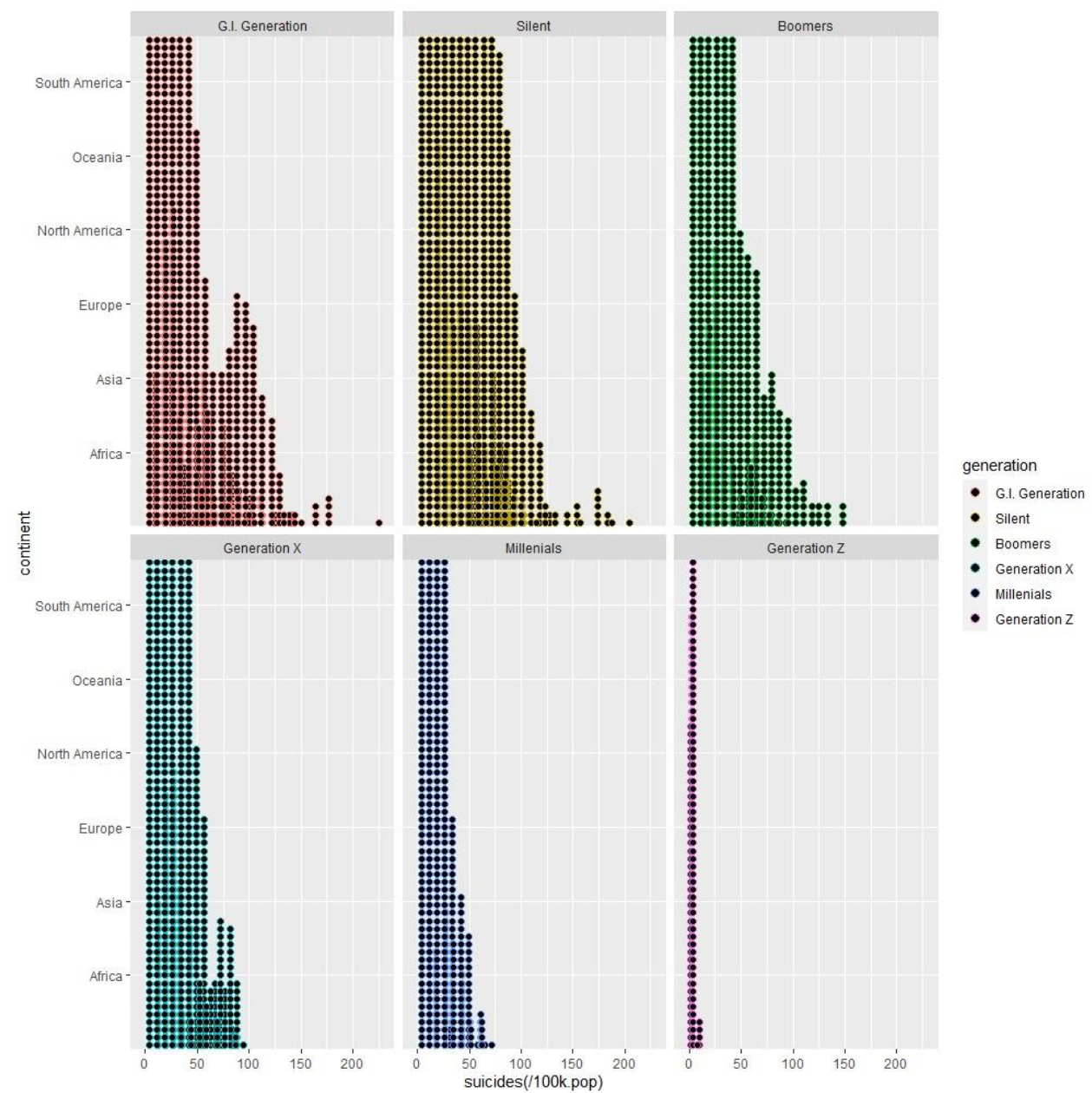
Small multiple plots showing distribution of suicide rate among gender and continents. With blue color for male and pink for female.



Small multiple plots showing distribution of suicide rate among age groups and continents. With color channels for age groups.



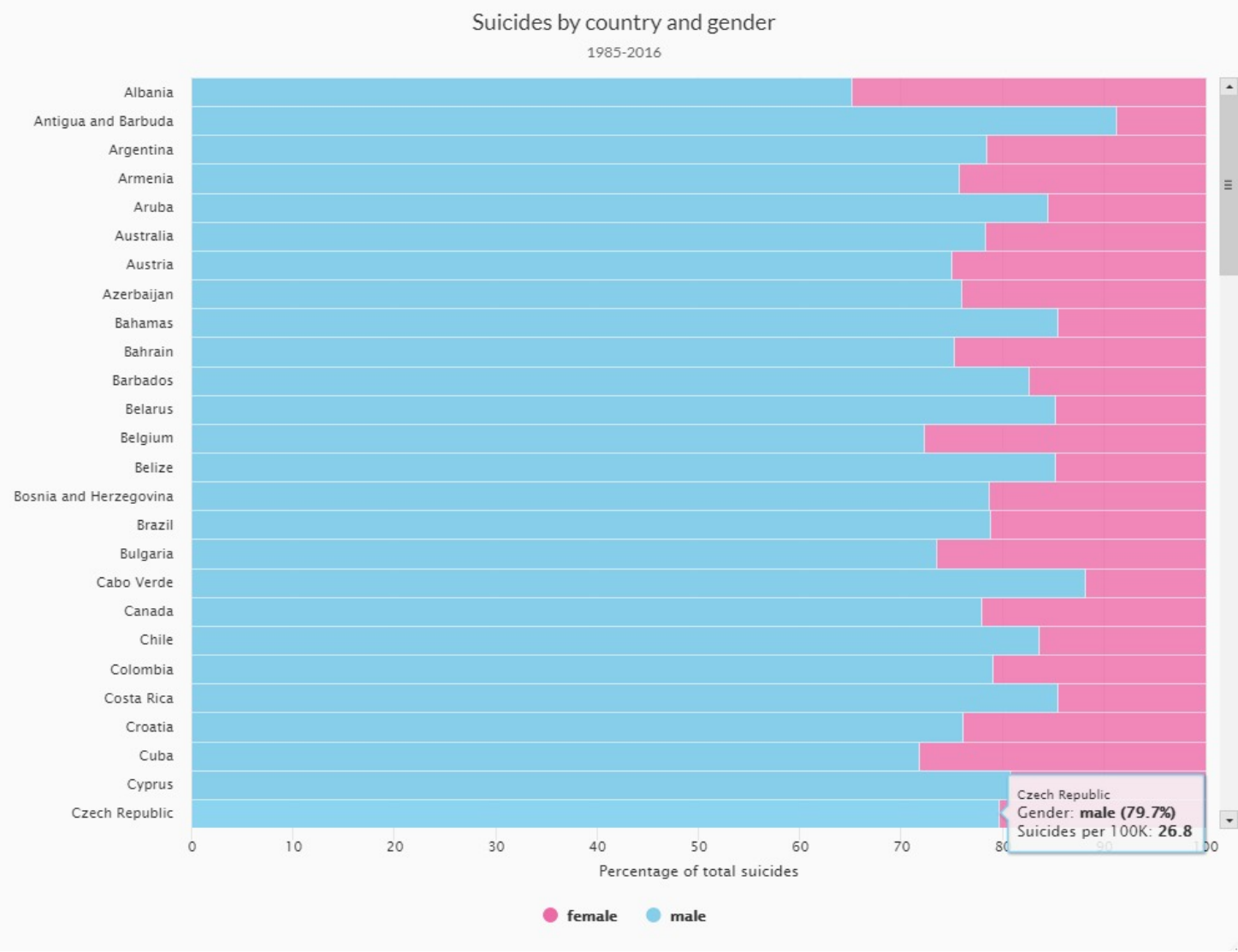
Small multiple dotplots showing distribution of suicide rate among generations and continents.
Color for generations.



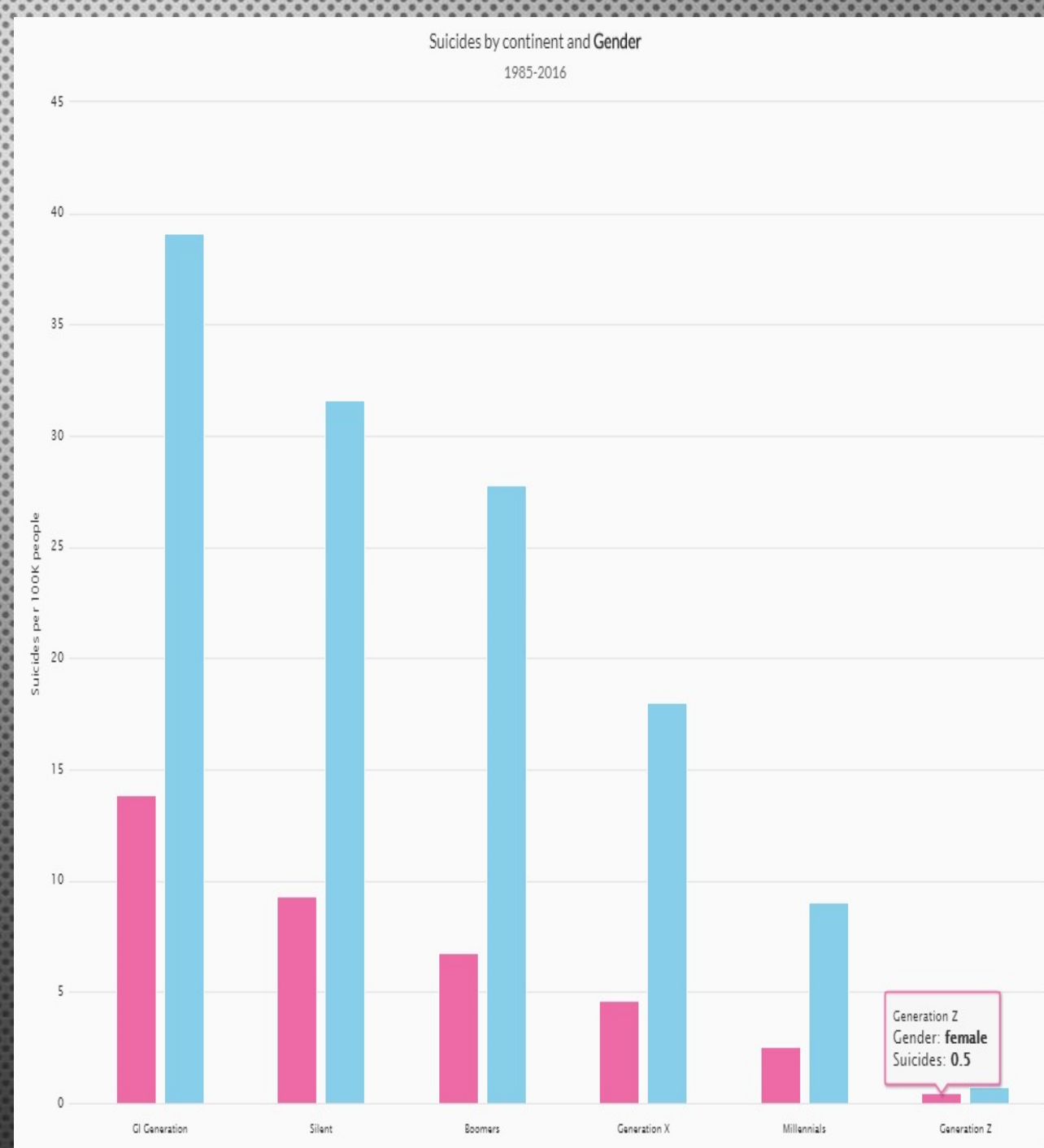
worldwide suicide by Gender (Country)

interactive bar chart with countries on y axis and suicide rate on x axis grouped by gender. Color channel pink for female and blue for male.

Showing suicides rate in men vs women in each country.



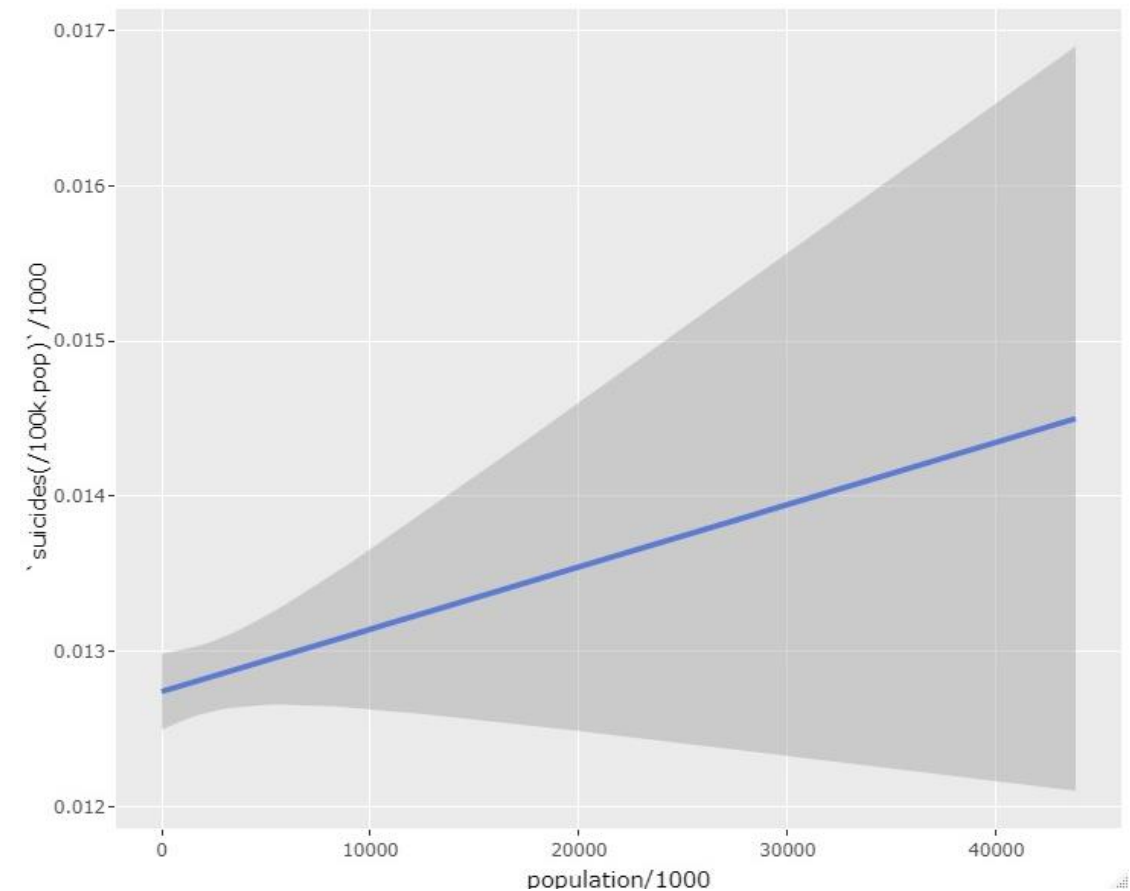
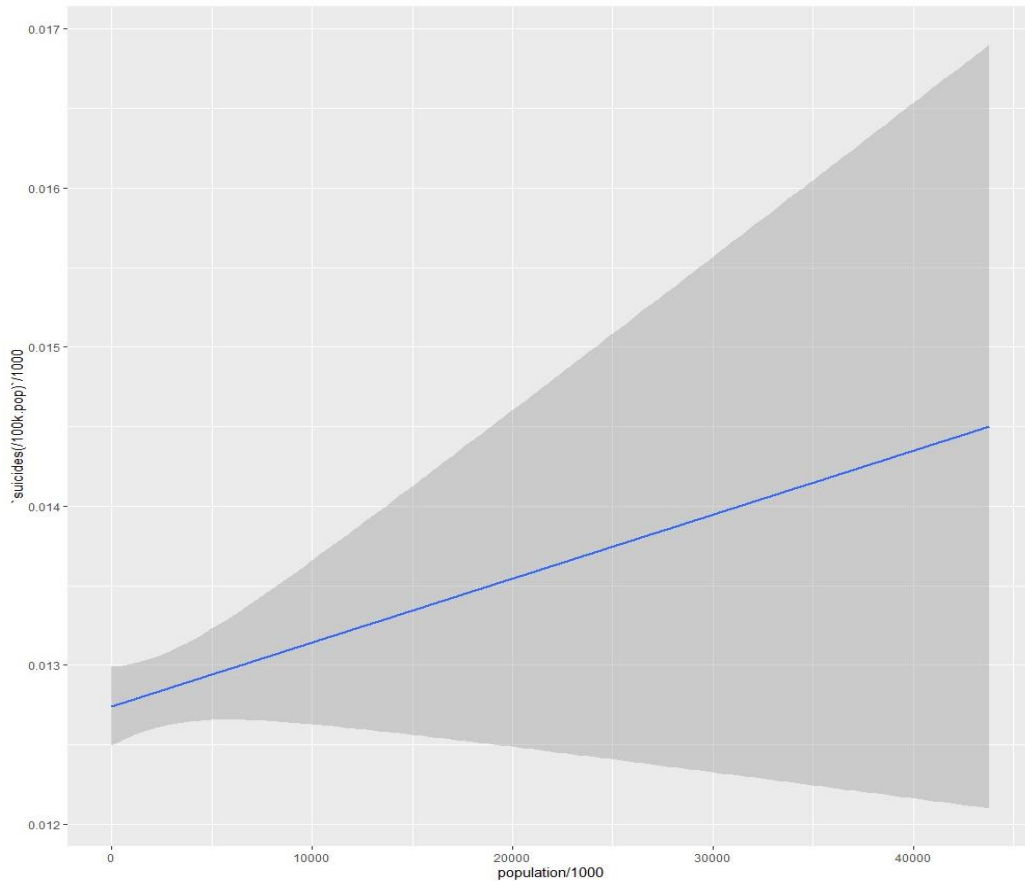
Interactive histogram with generation on x axis
and suicide rate on y axis grouped by gender.



Suicides Vs Population

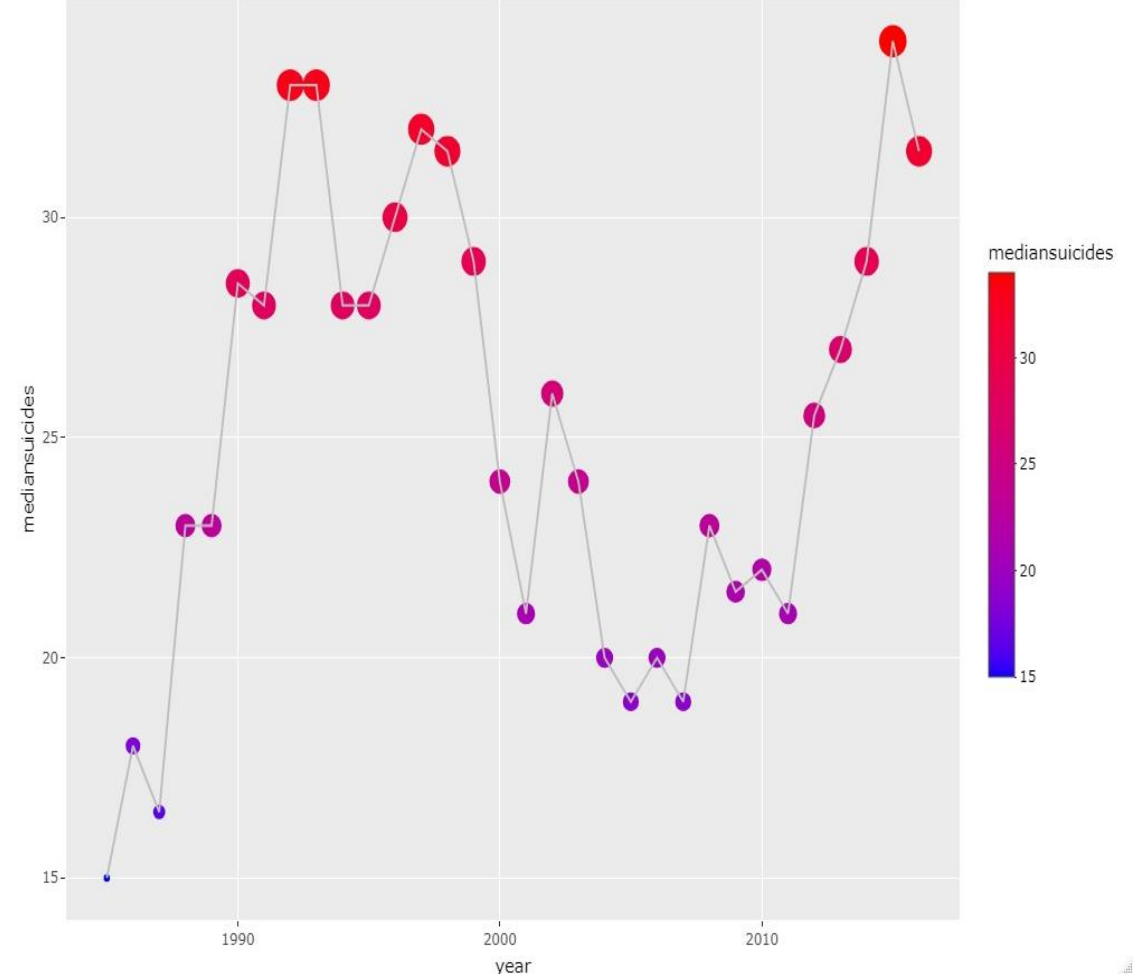
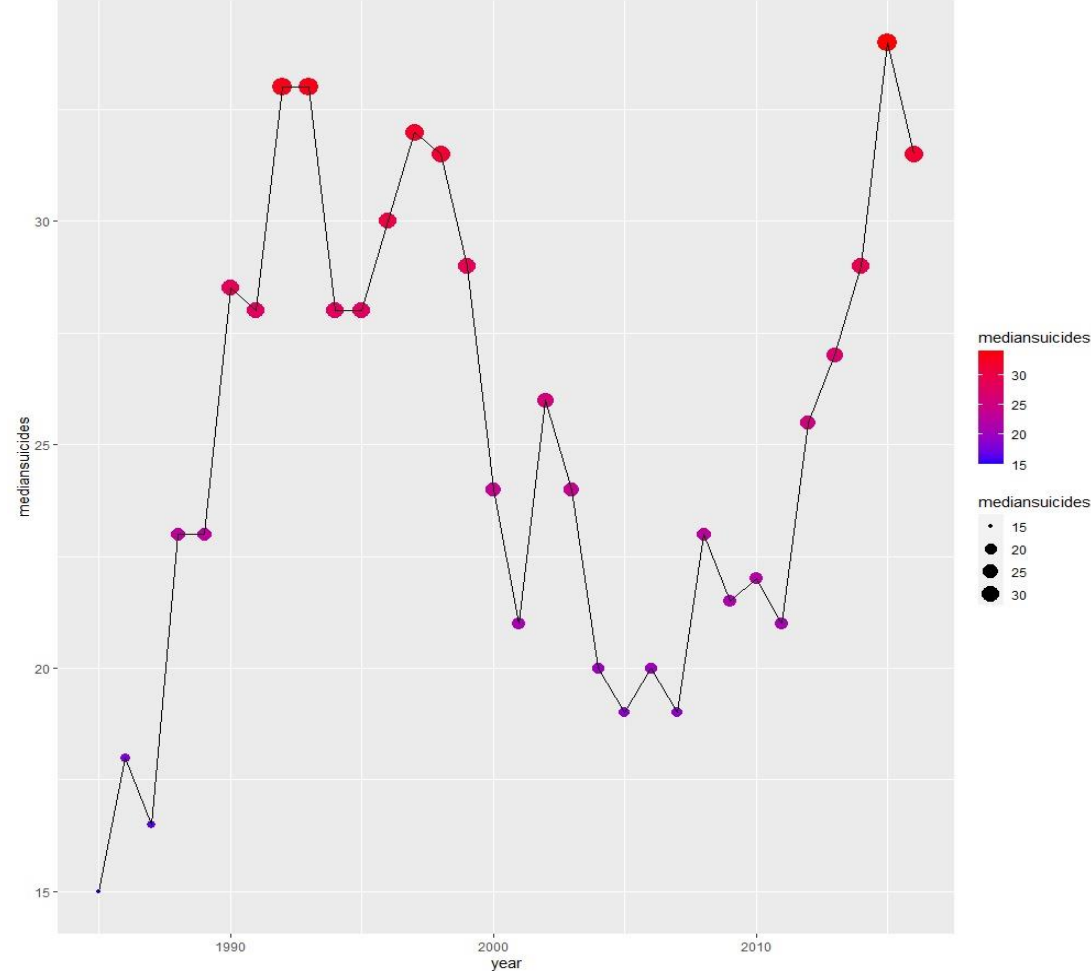
According to the below graph, suicide rates should be increasing on average as the population increases, however, the variability increases drastically as well, shedding light on the fact that suicide rates do not depend solely on population. i.e not significant.

Line plot with smooth showing that while the population increases the suicide rate increases as well.



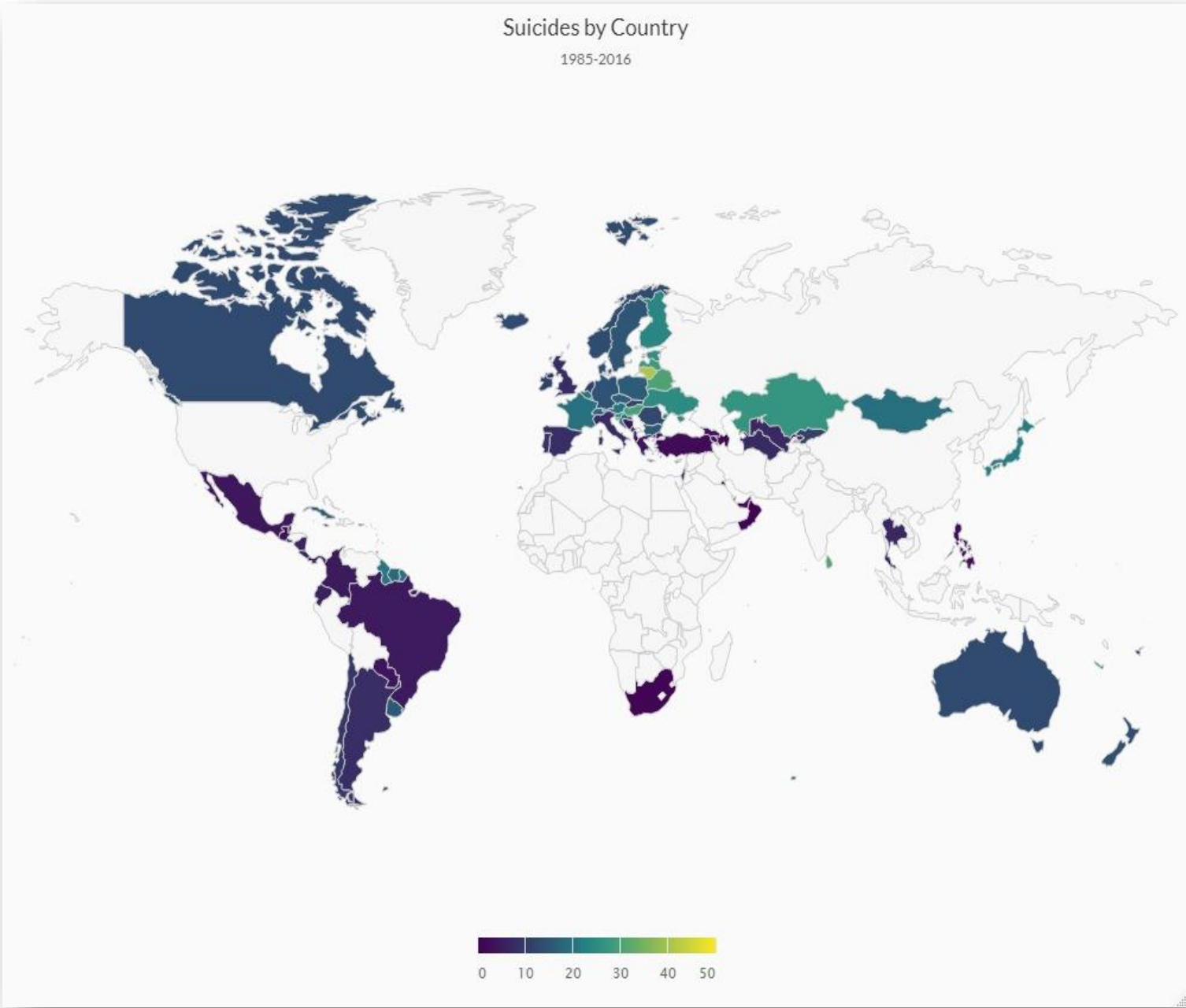
(Looking at Suicides trends overs years!)

With red for more suicides, and blue for fewer suicides.
Sizes of the points in accordance with the median suicides.
Overall suicide median is 25.



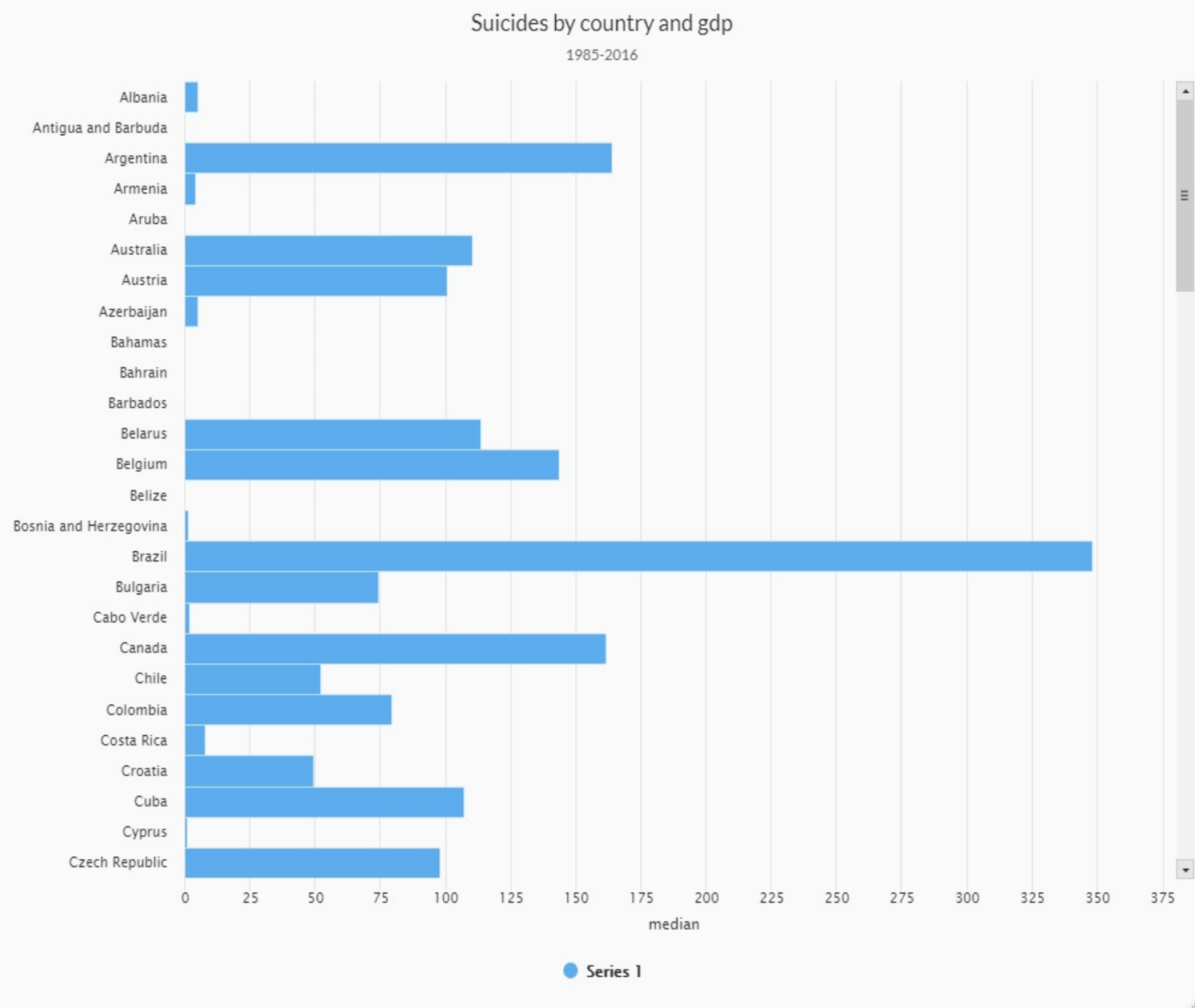
Suicides over Country

Interactive Worldgeojson map showing suicide rate for every country according to increasing luminance.

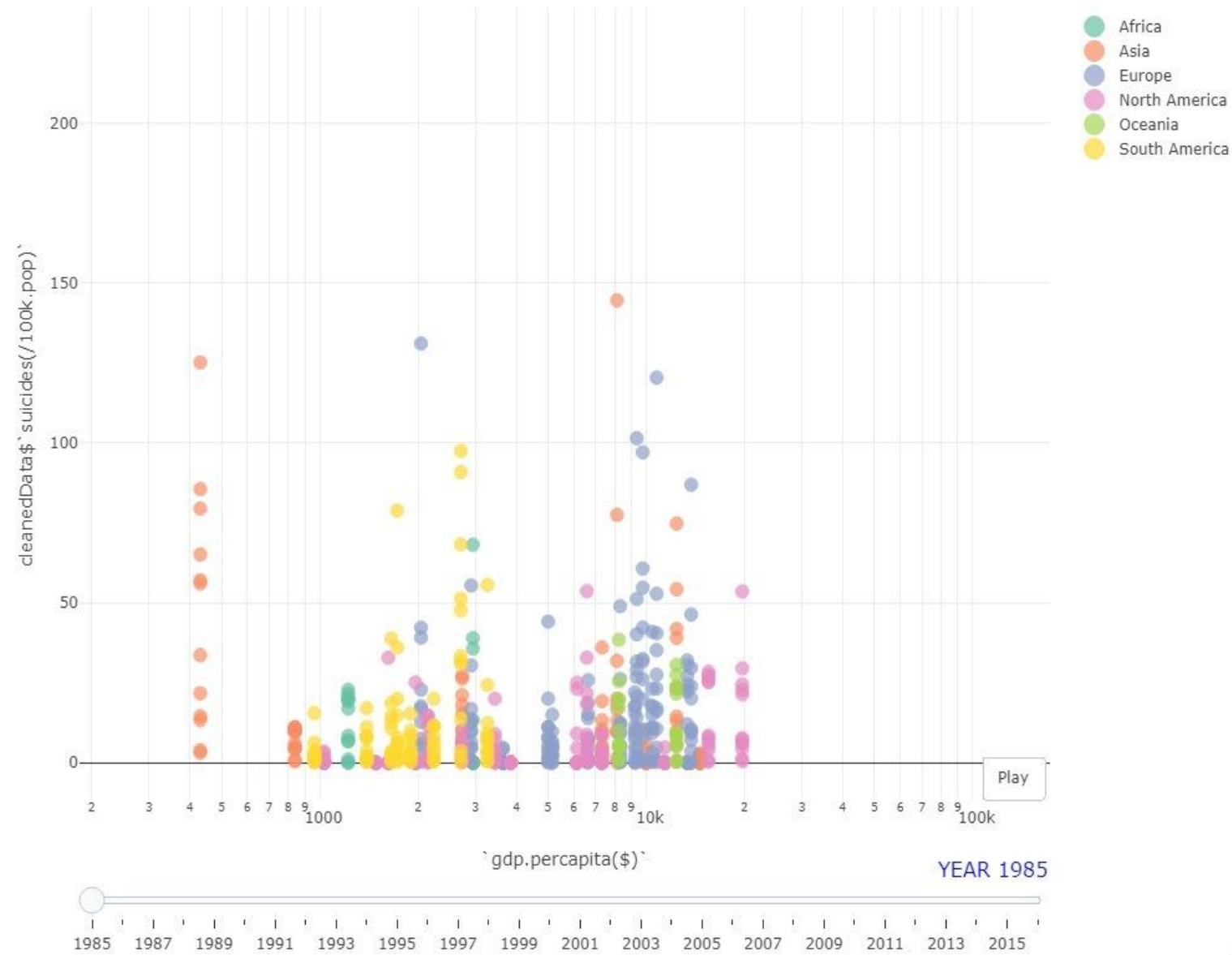


Median suicides per country (Gdp)

Interactive bar plot with country on y axis and gdp on x axis.

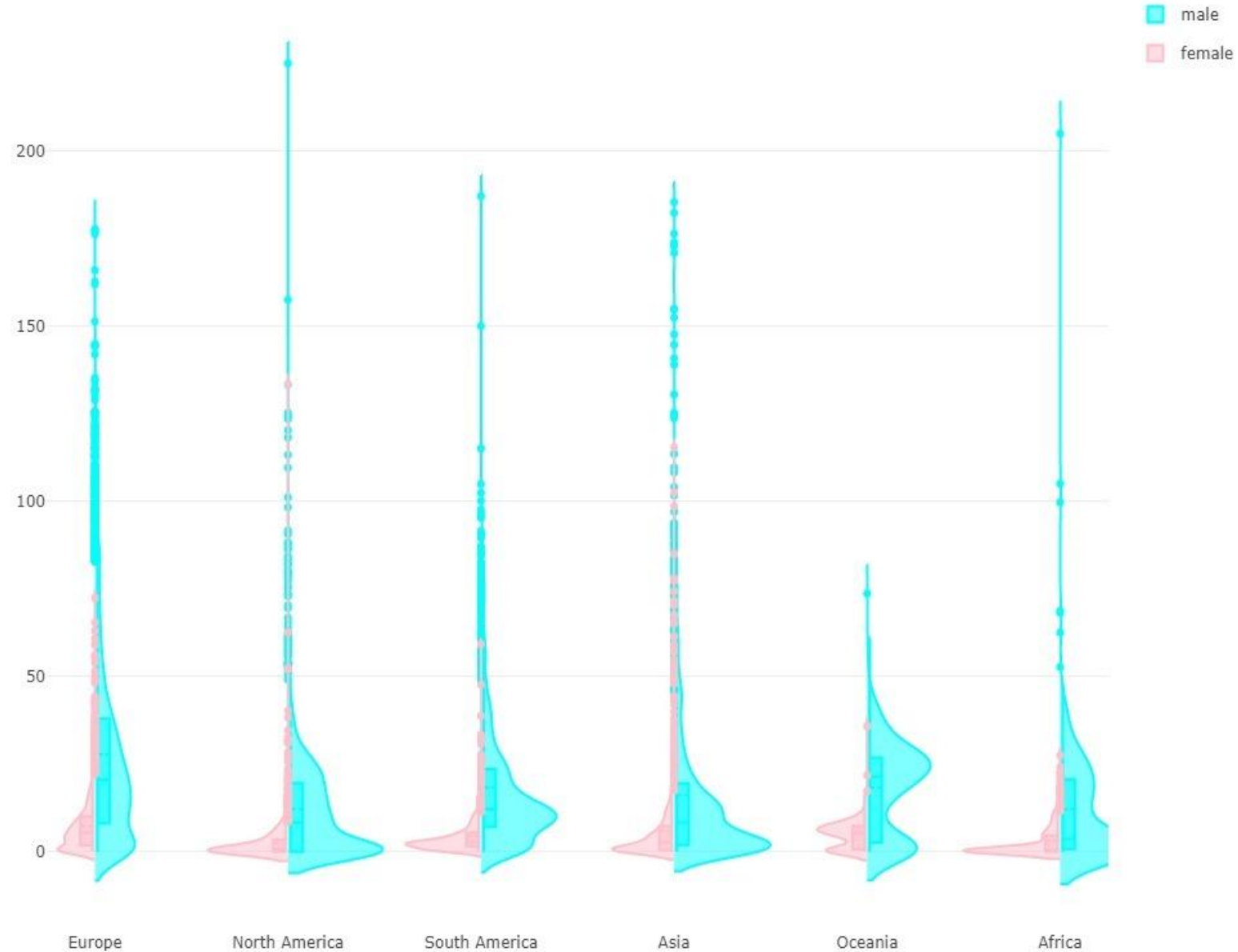


Animated scatter plot showing wealth vs suicide rates for each continent with a slider for years

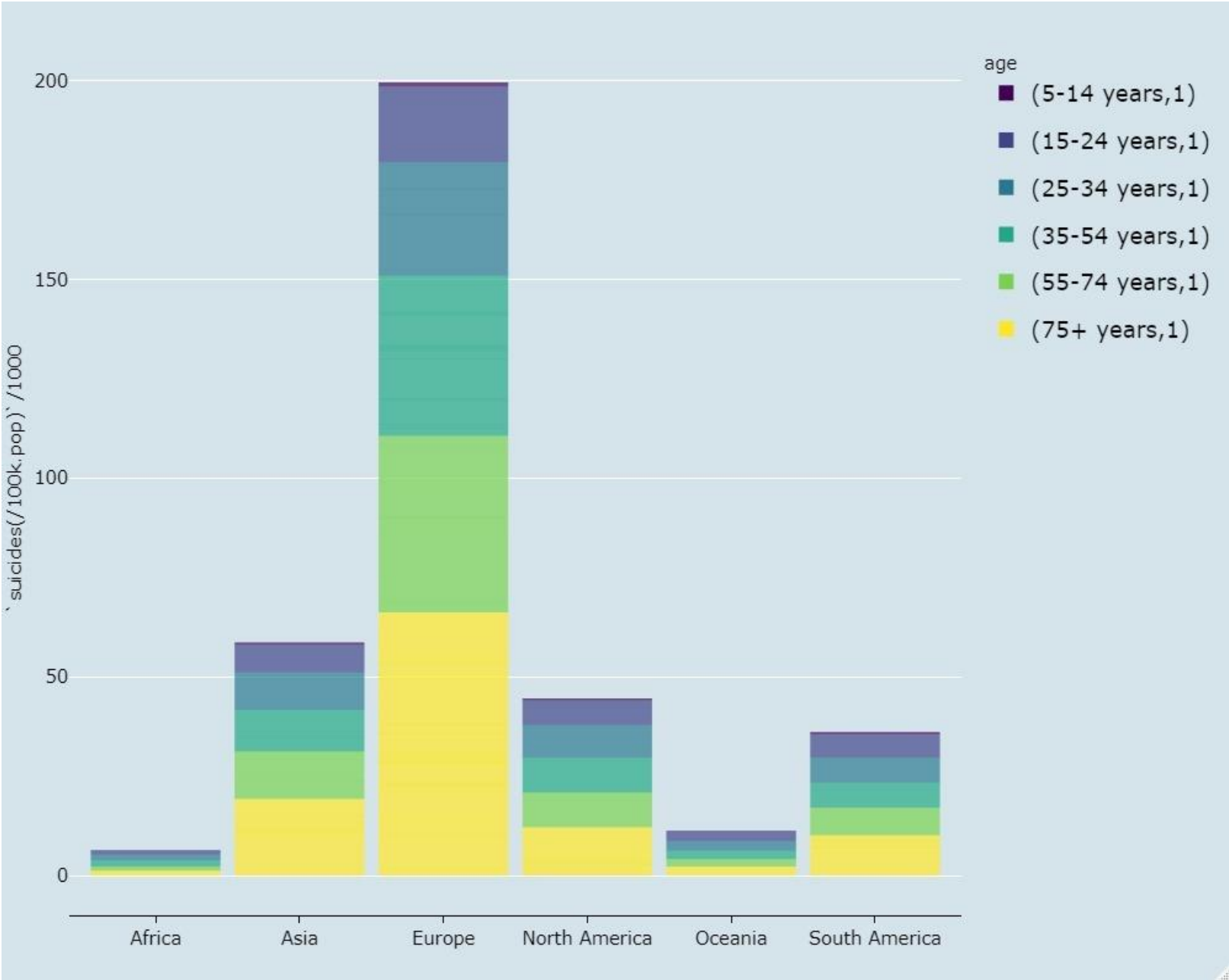


**Split Violin plot with suicide rate
on y axis and continents on x axis
grouped by gender.**

**Wider sections of the violin plot
represent a higher probability of
observations taking a given value, the
thinner sections correspond to a lower
probability.**

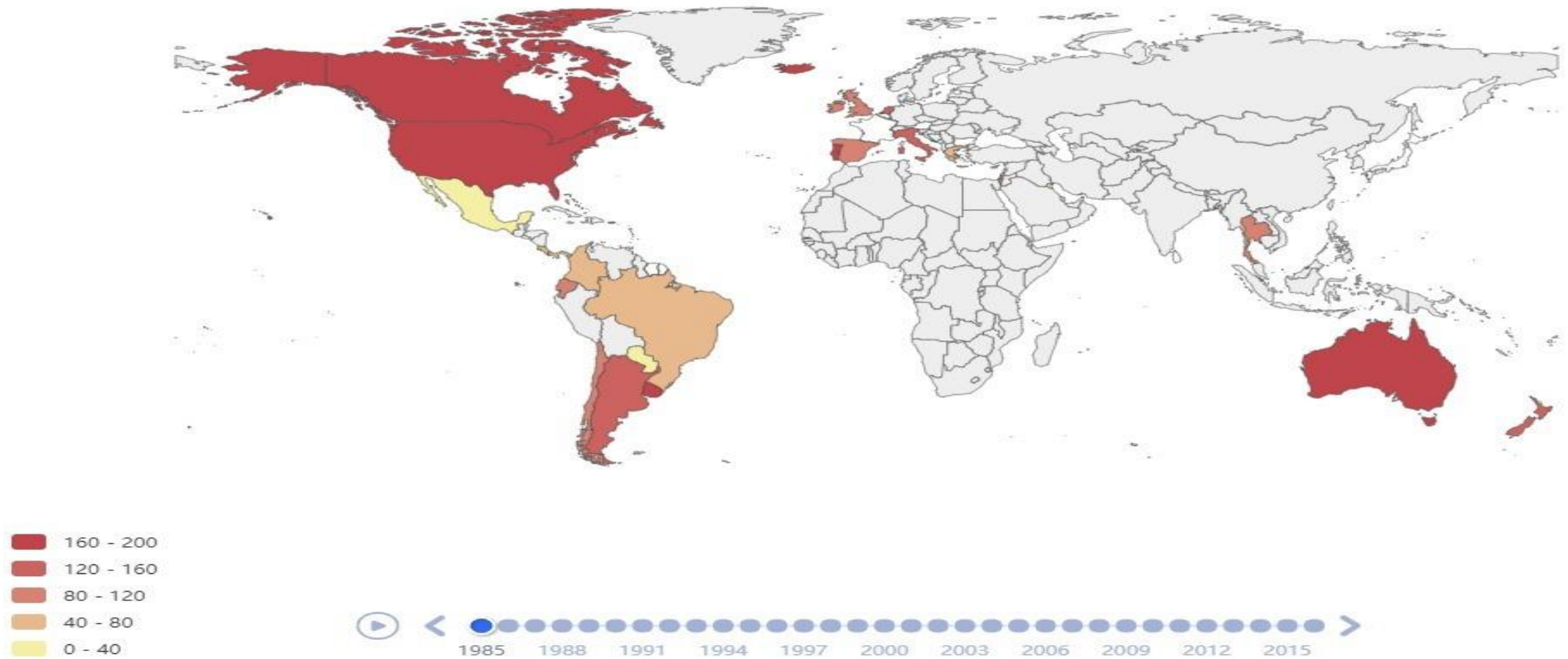


Interactive stacked bar chart showing the higher age suicides in each continent with viridis color.

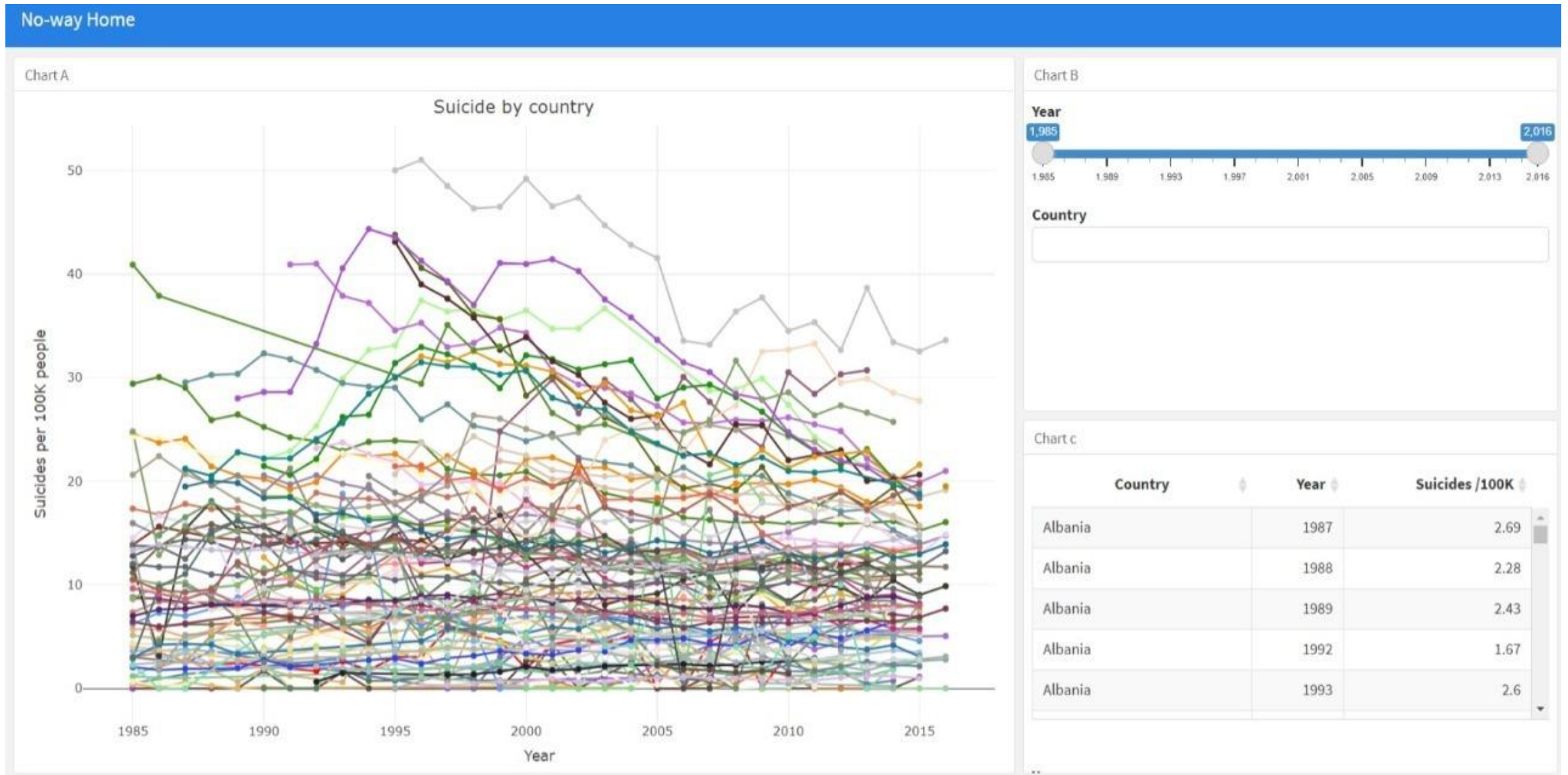


Animated map with slider to show suicide rate for each year globally

Suicide rate by country and year



Dashboard allow you to search for any country among years



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