Analysis of Immigration in European Union

Samuel Mokran

2024

This R Markdown document is made interactive using Shiny. This project focuses on the migration data from Eurostat. The data is loaded and cleaned, then a summary is provided.

Summary of data

```
##    citizen            age                sex                geo
## Length:340159      Length:340159      Length:340159      Length:340159
## Class :character   Class :character   Class :character   Class :character
## Mode  :character   Mode  :character   Mode  :character   Mode  :character
##
##
##
##   TIME_PERIOD            OBS_VALUE          OBS_FLAG
## Min.   :2013-01-01   Min.   :     0    Length:340159
## 1st Qu.:2015-01-01   1st Qu.:     0    Class :character
## Median :2017-01-01   Median :     2    Mode  :character
## Mean   :2017-05-01   Mean   :  1167
## 3rd Qu.:2020-01-01   3rd Qu.:    32
## Max.   :2022-01-01   Max.   :6977742
```

Data Insight

average (per year) and total number of immigrants in countries throughout the years

citizenship:

DE

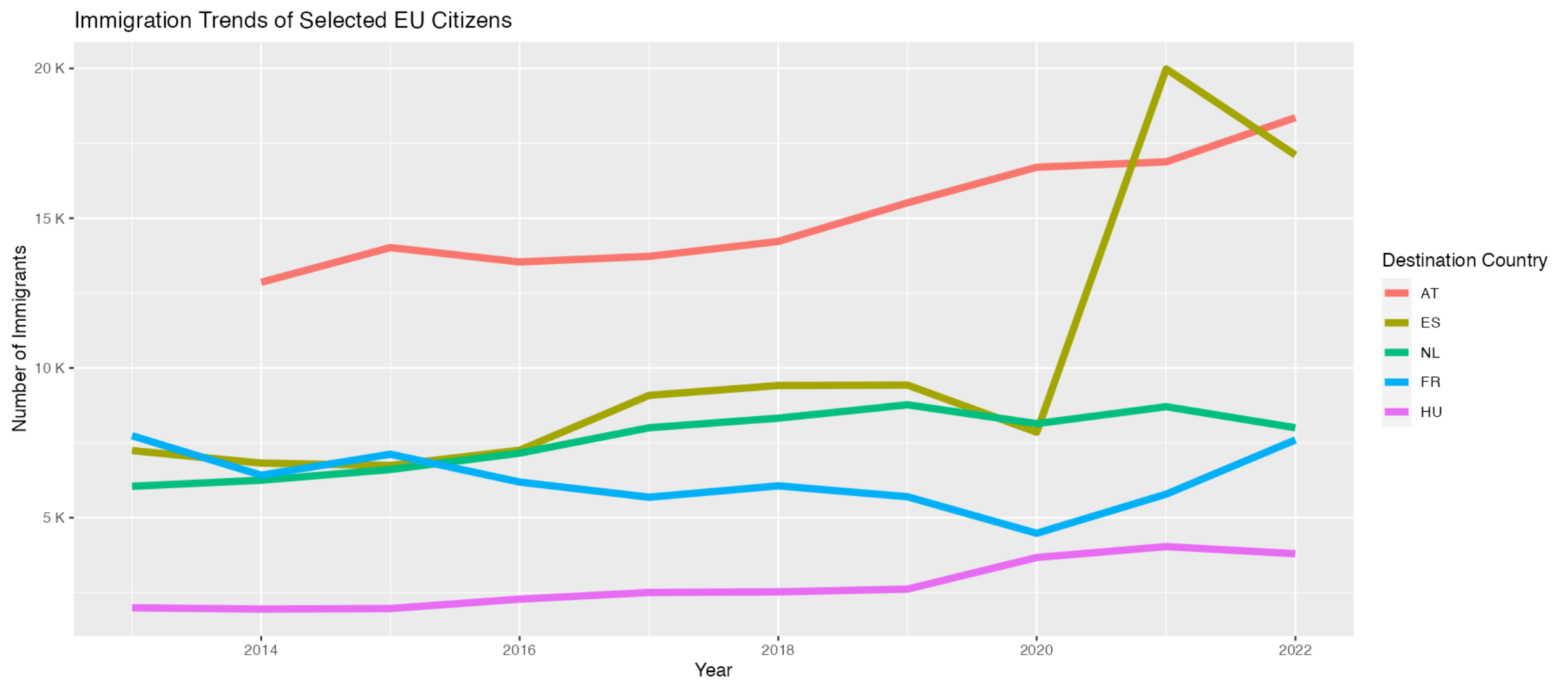| geo	mean_immigrants	total_immigrants
DE	963195.5	10595151.00

Data Visualization

choose citizenship and find top 5 destination countries where citizens migrate to
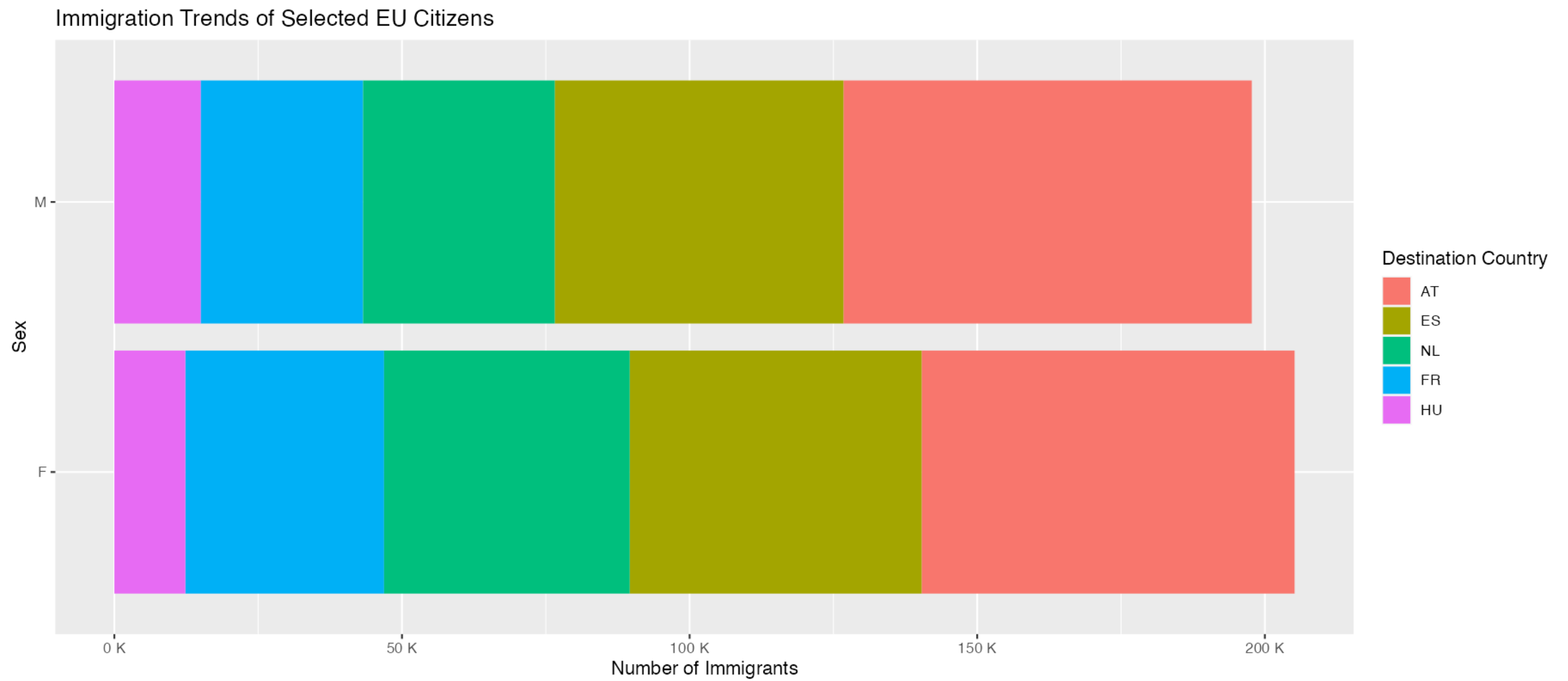
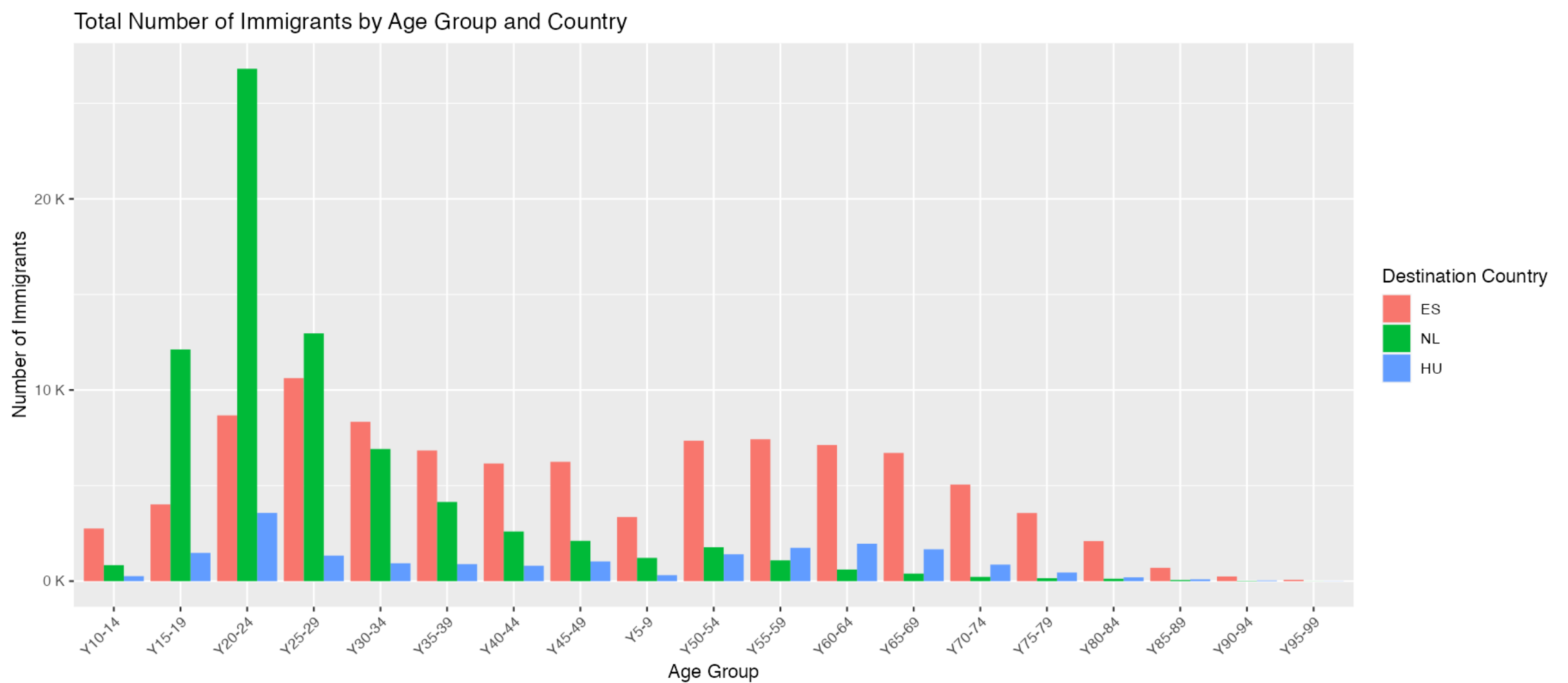**citizenship:**

DE

number of top destinations:

Immigration Trends of Selected EU Citizens

Gender Distribution

Immigration Trends of Selected EU Citizens

Age Distribution

Total Number of Immigrants by Age Group and Country

END