Little analysis

This project for Social and Economic Networks course uses Offshore Leaks Database found here https://offshoreleaks.icij.org/.

Yearly counts development

One would like to know how many accounts have been opened throughout years.

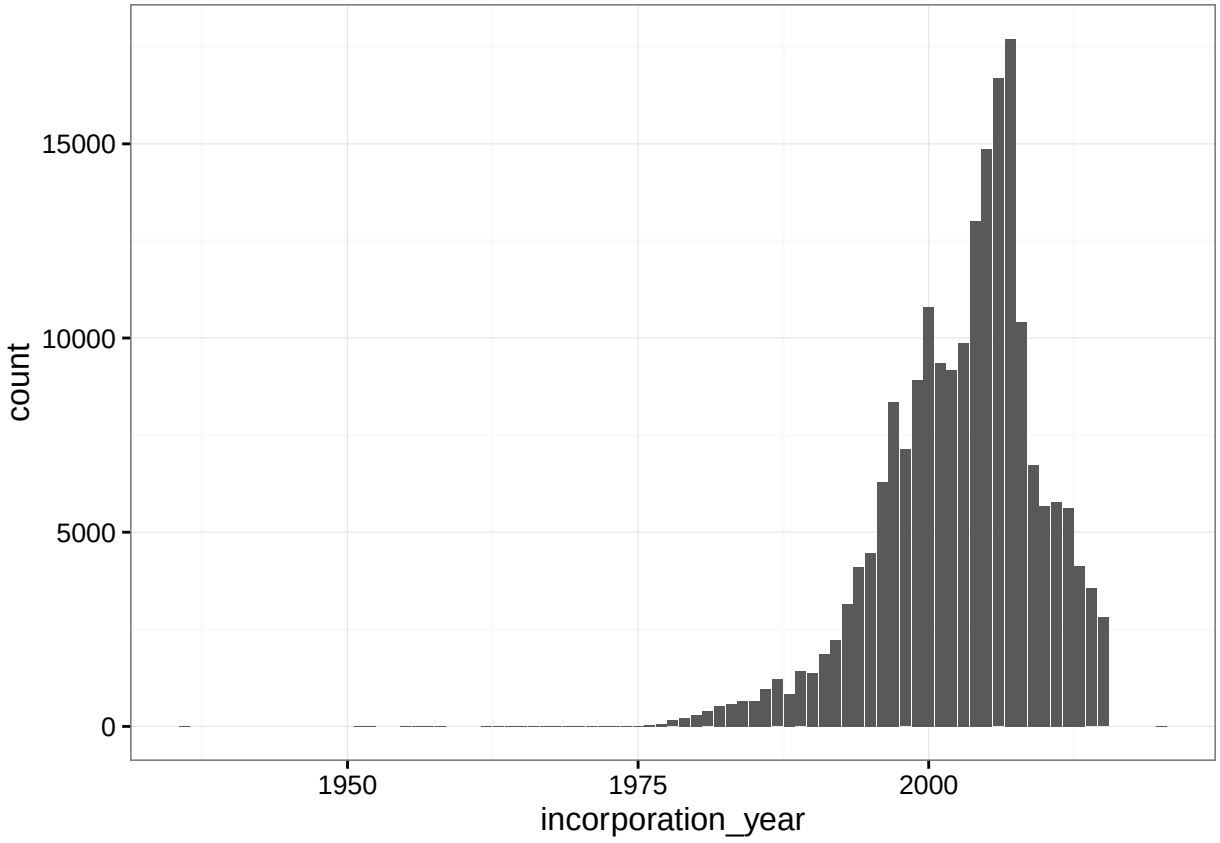
The sample size for answering this question is 202108.

The earliest opened account belongs to 1936 and the latest comes from the future 2020.

The most fruitful years for the offshore accounts are the following:

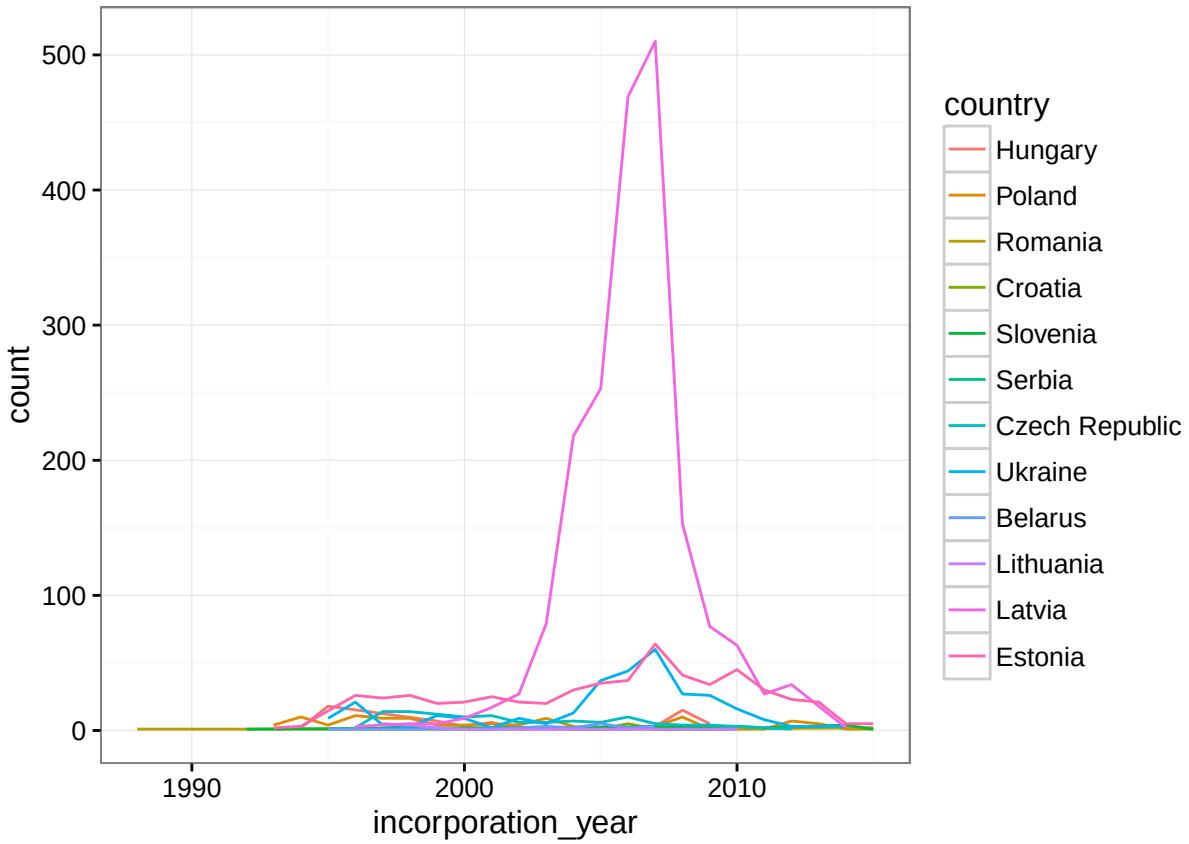
```
## Source: local data frame [6 x 2]
##
##   incorporation_year     n
##                (dbl) (int)
## 1               2007 17709
## 2               2006 16684
## 3               2005 14868
## 4               2004 13022
## 5               2000 10791
## 6               2008 10404
```

Overall, that is how the process looks like:

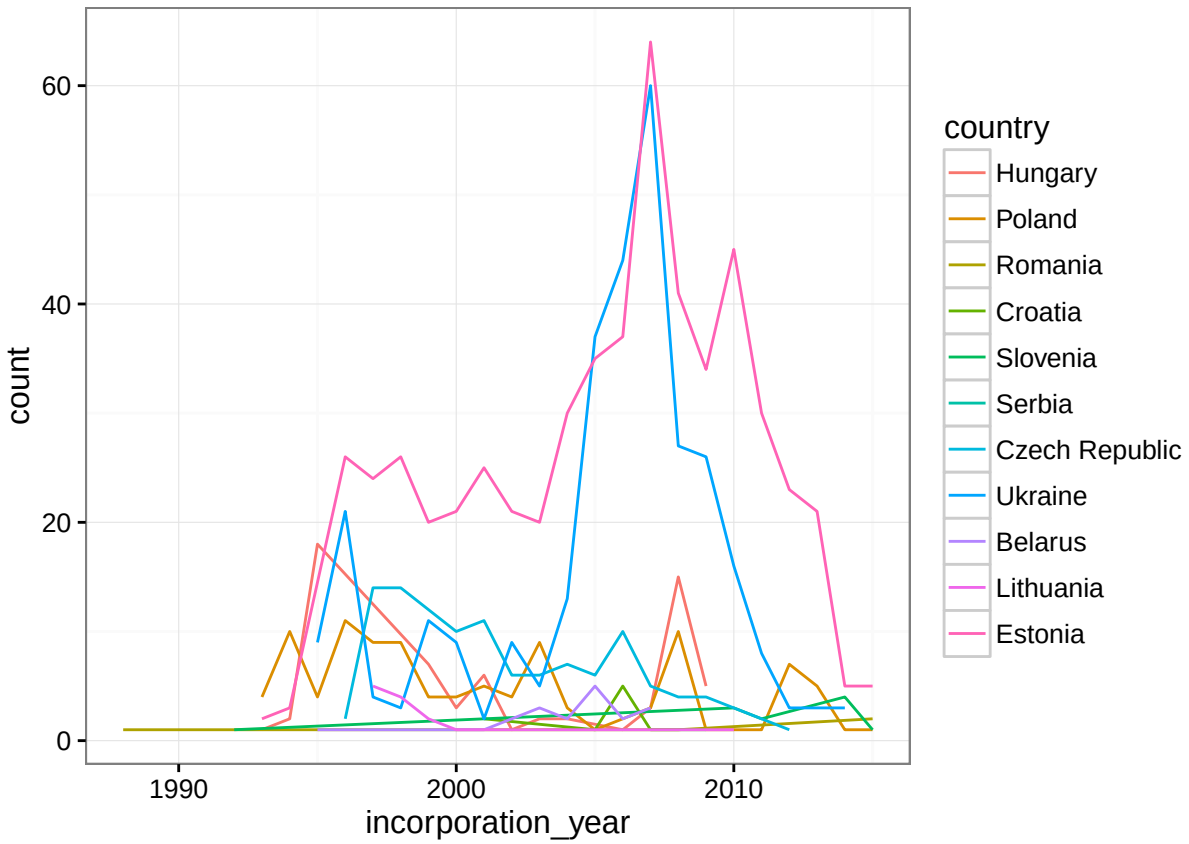


<<<<<<< HEAD Number of firms related to different Central-Eastern European countries.

```
##
##        Hungary         Poland        Romania        Croatia       Slovenia
##             66            108              4             10             11
##         Serbia Czech Republic        Ukraine        Belarus      Lithuania
##              4            112            313             20             15
##         Latvia        Estonia
##           1951            558
```



Without Latvia:



======= ## Nodes decomposed

The main connections file provides 1269796 links/edges. At both ends one can find different players.

Origin nodes

There are 462468 unique origin nodes/vertices.

They are distributed among the types in the following manner:

Entities	Addresses	Intermediaries	Officers
93572	960	23600	345475
20.1834744%	0.2070719%	5.0905185%	74.5189352%

A note. The decomposition does not sum up to the number of unique entries. 463607 = 462468 is FALSE.

Receiving nodes

Looking at the unique receiving nodes/vertices, one can find that there are 492143 of them.

They are distributed among the types in the following manner:

Entities	Addresses	Intermediaries	Officers
319122	151043	355	21664
64.8379468%	30.6883198%	0.0721275%	4.4016059%

In the same manner 492184 = 492143 is FALSE. >>>>>>> 2f46b7b4ad0c76904e042e78379f0ef1a2126a02