

Analysis

December 28, 2019

The purpose of this document is to visually analyze all of the FIDE data files collected in the previous step's folder.

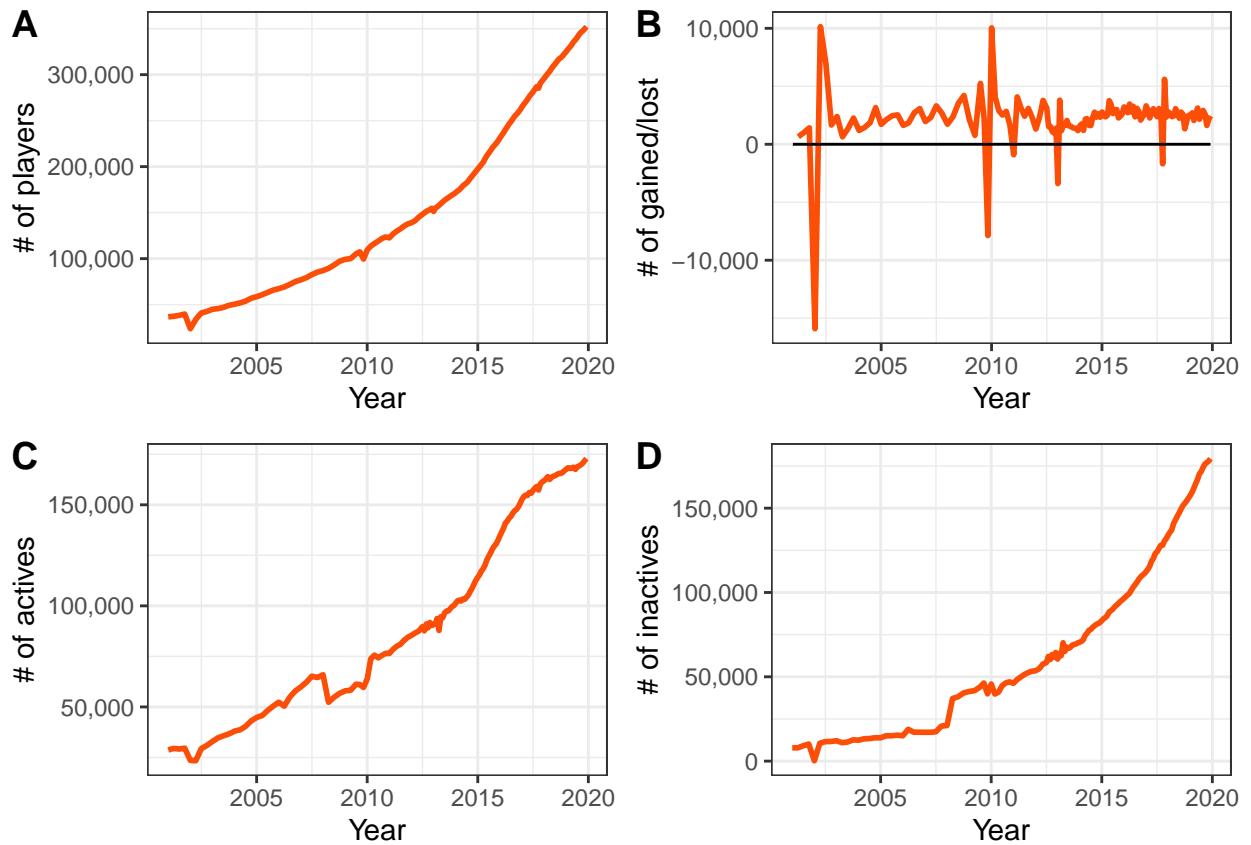
Irregular values by year

Date_numeric	n
2002.249	7435
2002.003	5455
2001.003	306
2001.249	305
2001.497	304
2005.497	244
2005.003	194
2004.751	170
2004.500	136
2004.251	114

As we can see from the table above, most of irregular values in the files come from early on (2001 - 2005) rather than the latest files.

I'll look to address many of the values in the early datasets eventually. For now though, over 99.9% of the data is interpretable.

Total player count over time



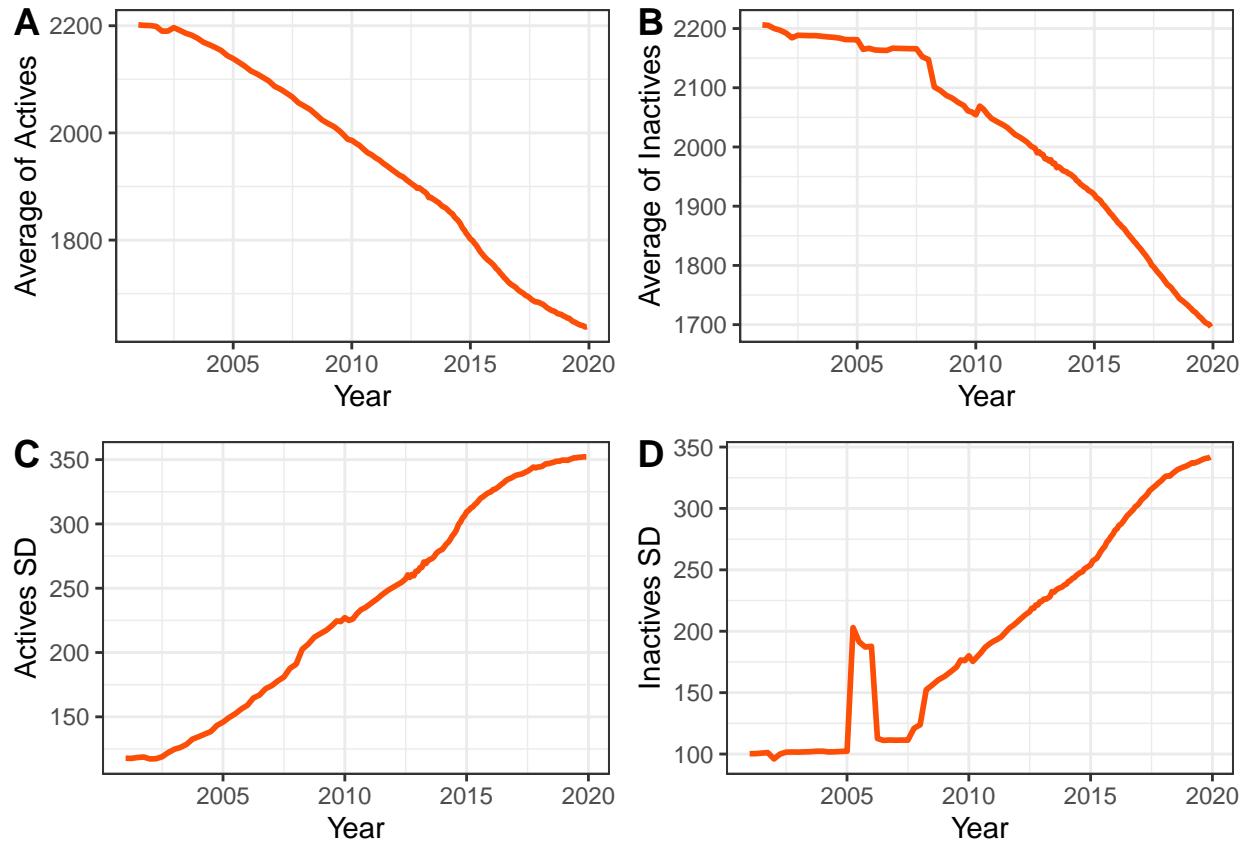
A:

B:

C:

D:

Rating stability over time (misleading)



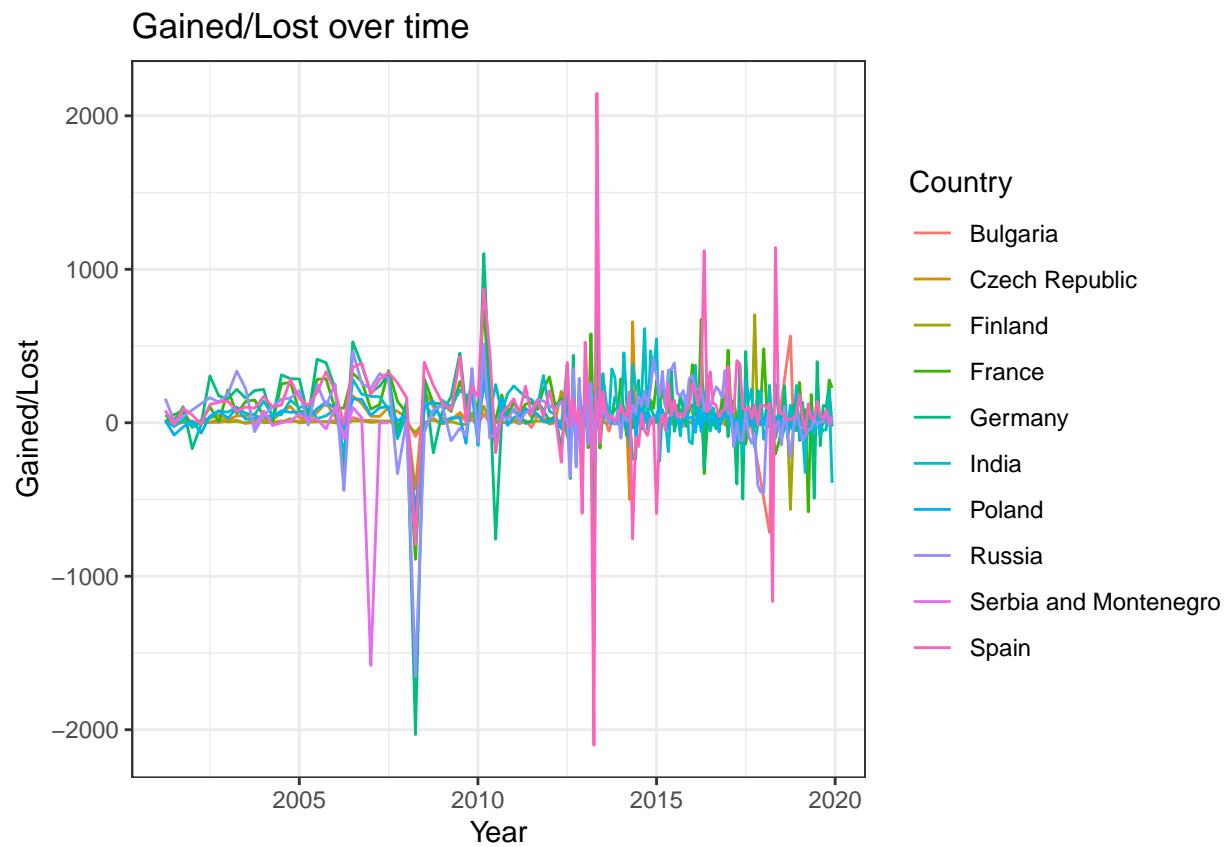
A:

B:

C:

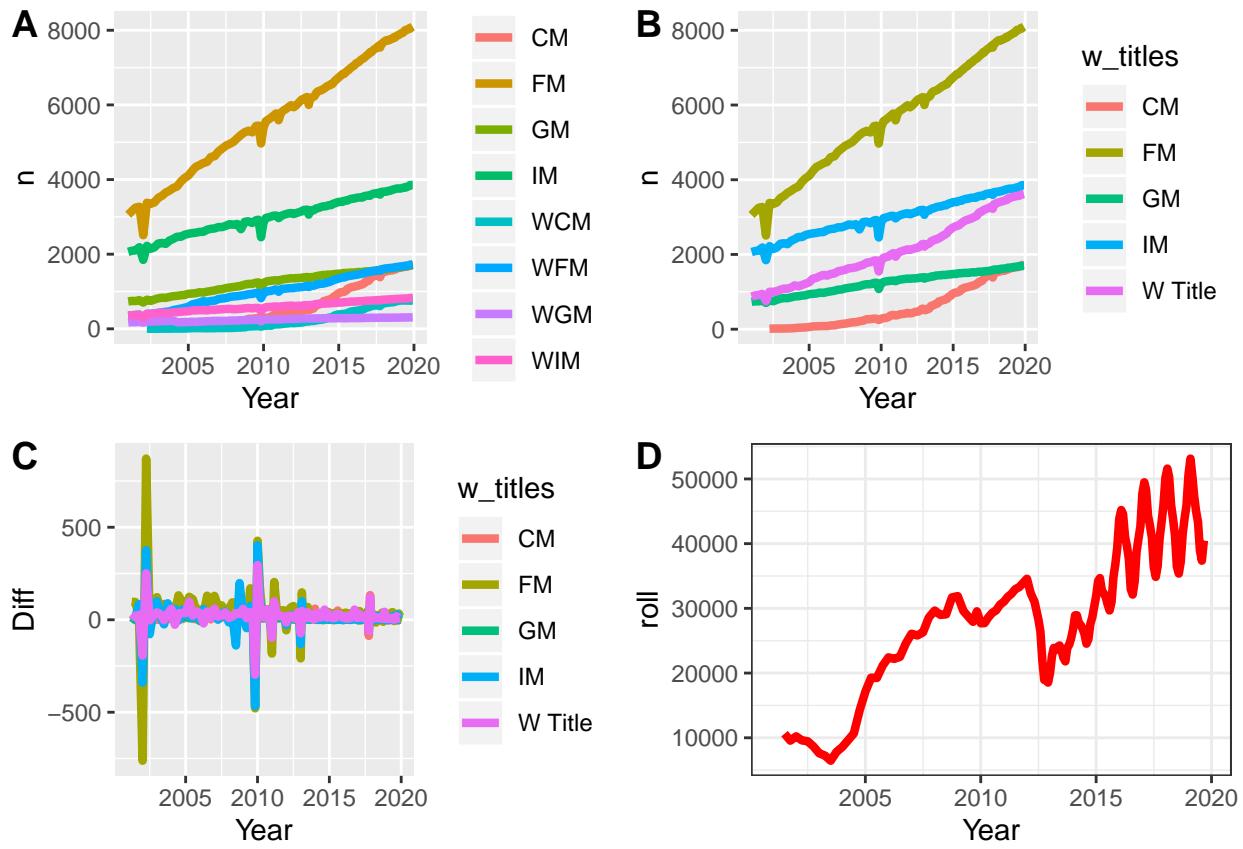
D:

Which countries have seen the greatest changes in player counts?



Explanation:

Titled player count over time



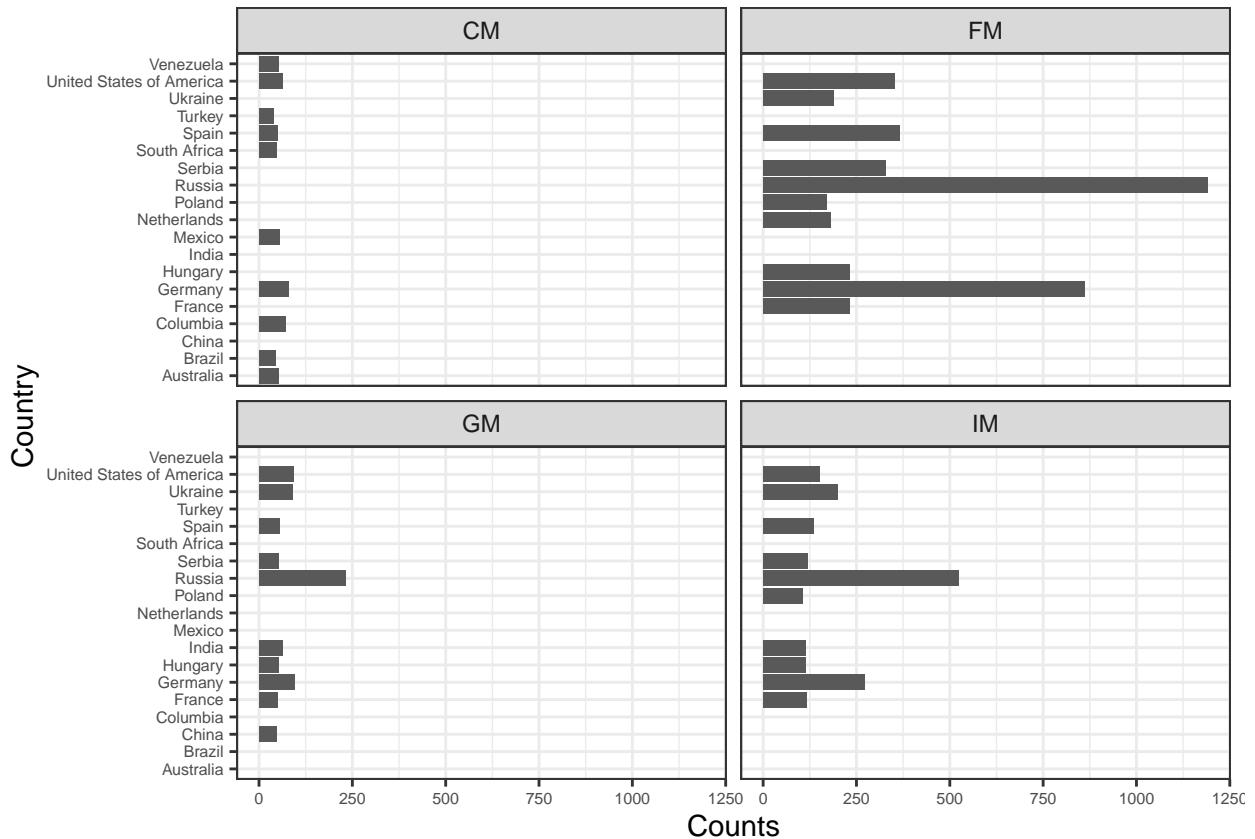
A:

B:

C:

D:

Titled player counts by country



CM:

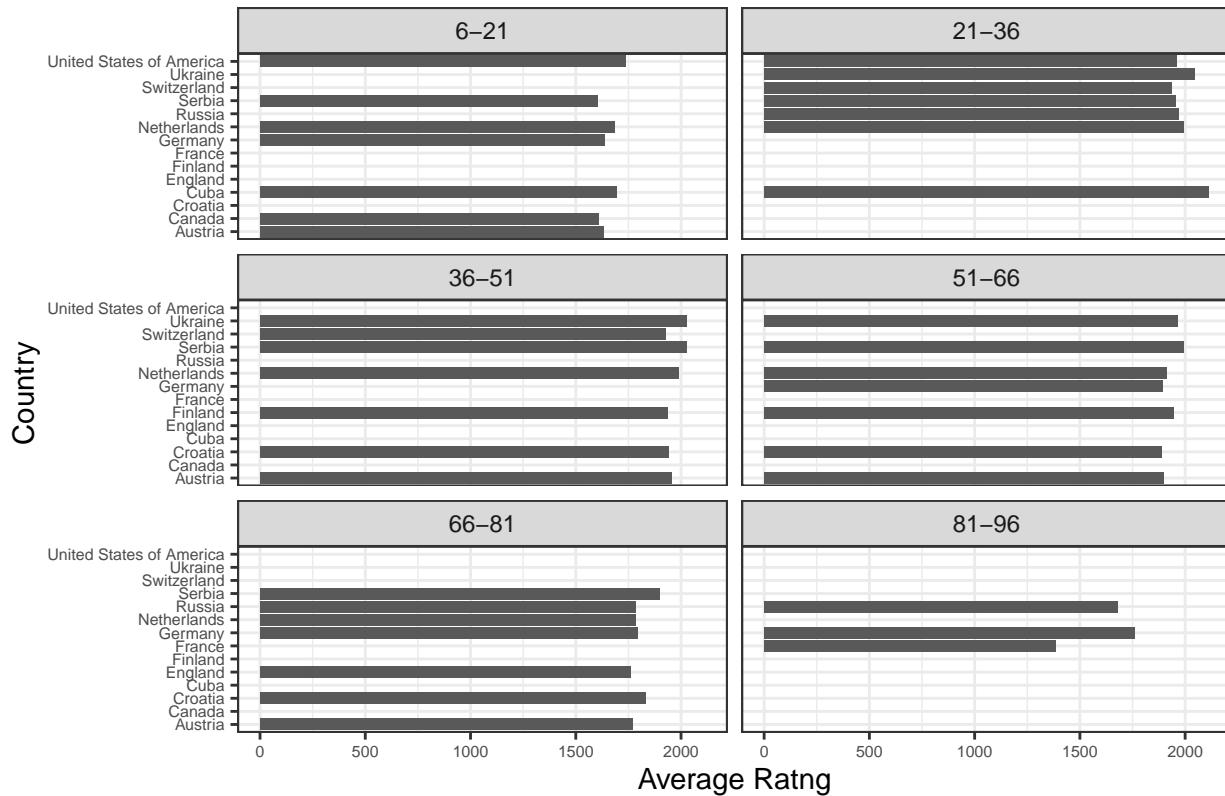
FM:

GM:

IM:

Strongest countries by age group

Highest rated age groups by country



6-21:

21-26:

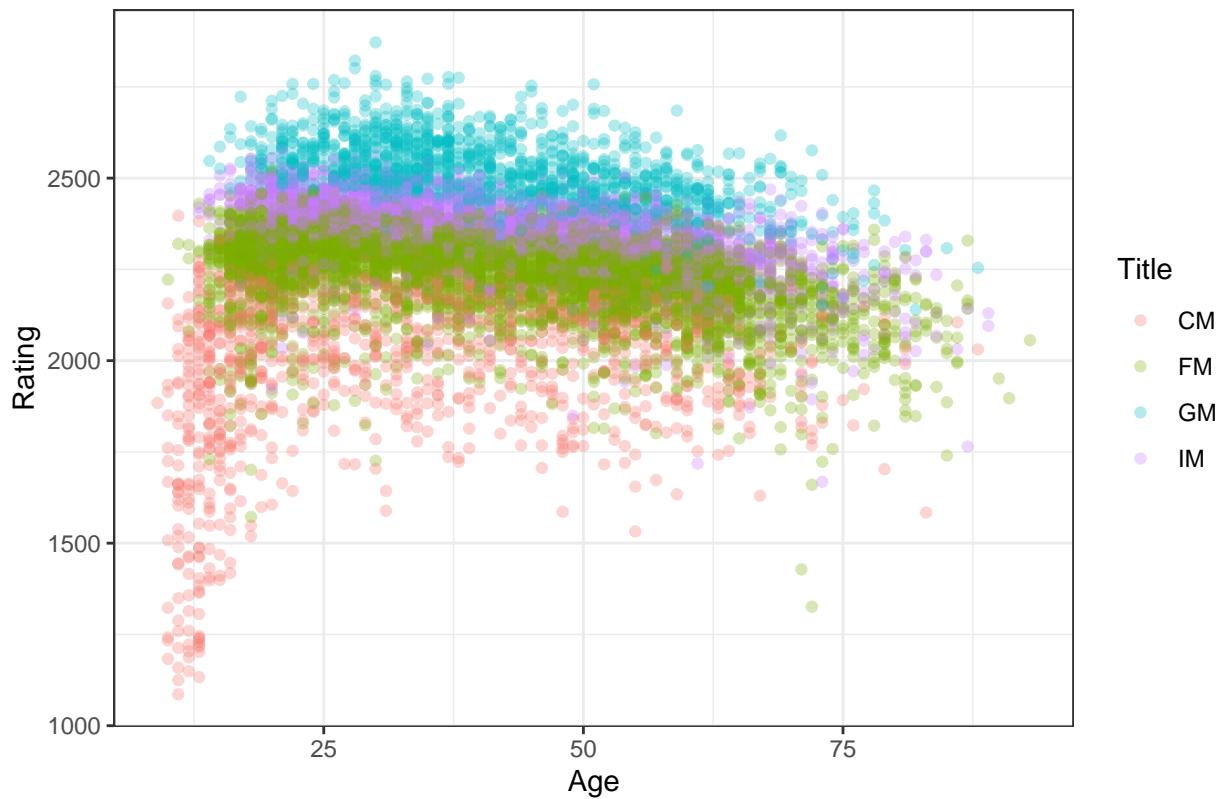
36-51:

51-66:

66-81:

81-96:

Age vs Rating of different titles for December 2019



Explanation: