

Analysis

December 26, 2019

The purpose of this document is to make use of the data stored within the **FIDE** data folder.

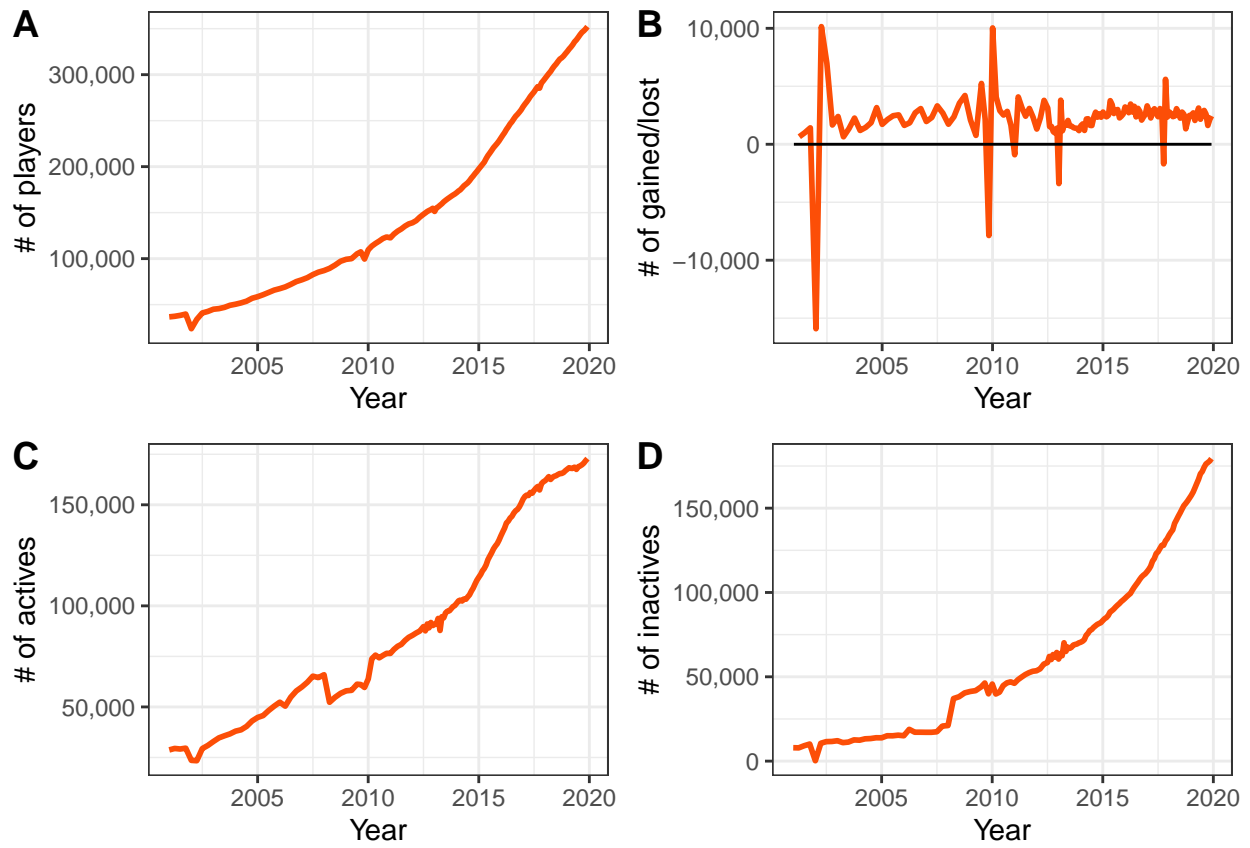
Now that we have the data in a more clean, usable format, it's time we analyzed it.

Irregular values by year

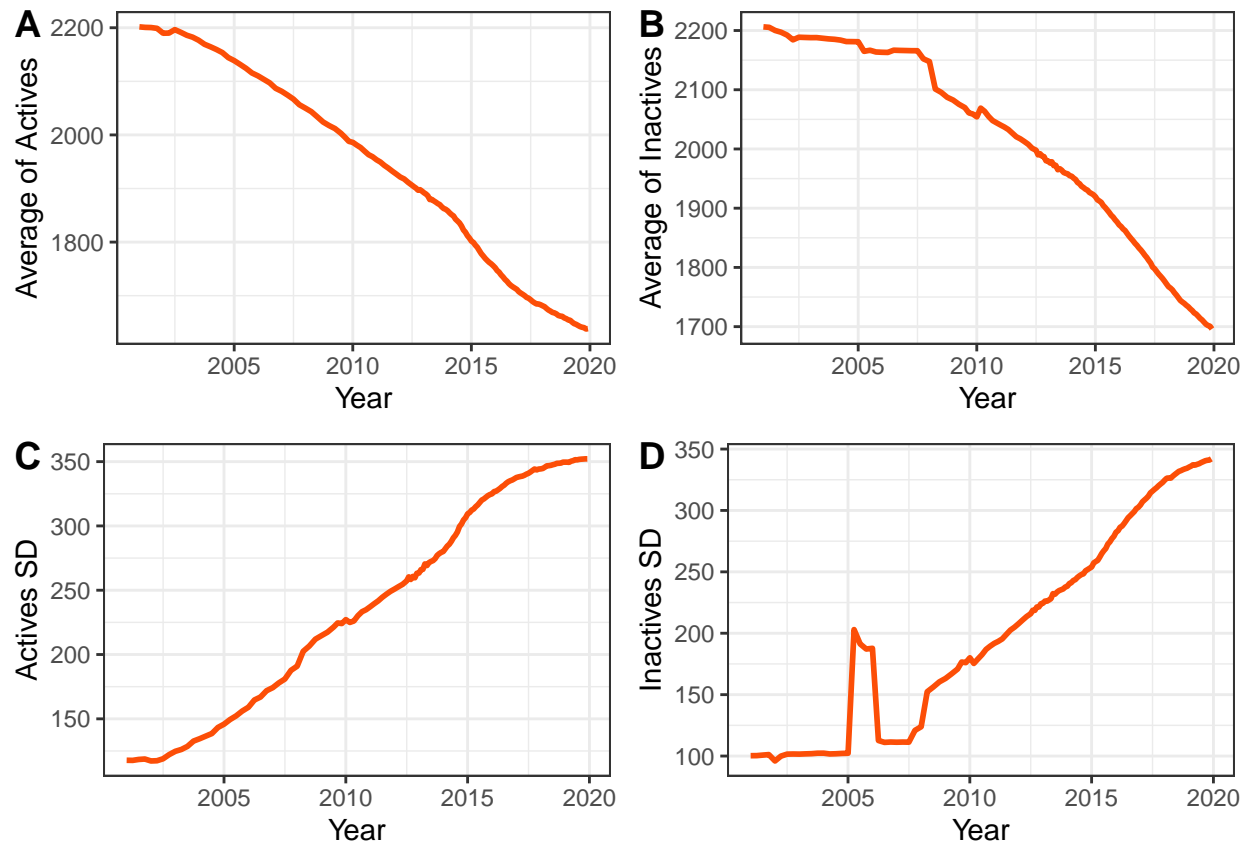
Date_numeric	n
2002.249	7435
2002.003	5455
2001.003	306
2001.249	305
2001.497	304
2005.497	244
2005.003	194
2004.751	170
2004.500	136
2004.251	114

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.

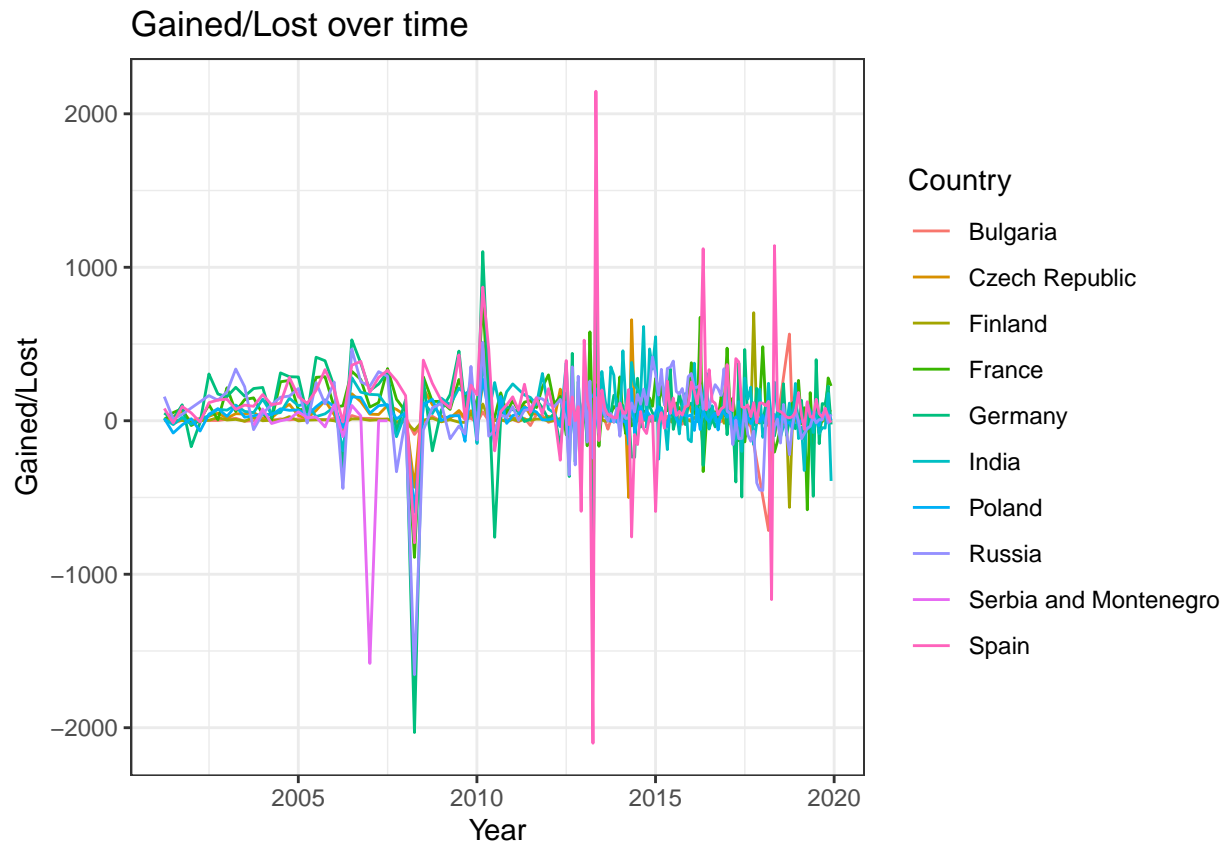
Total player count over time



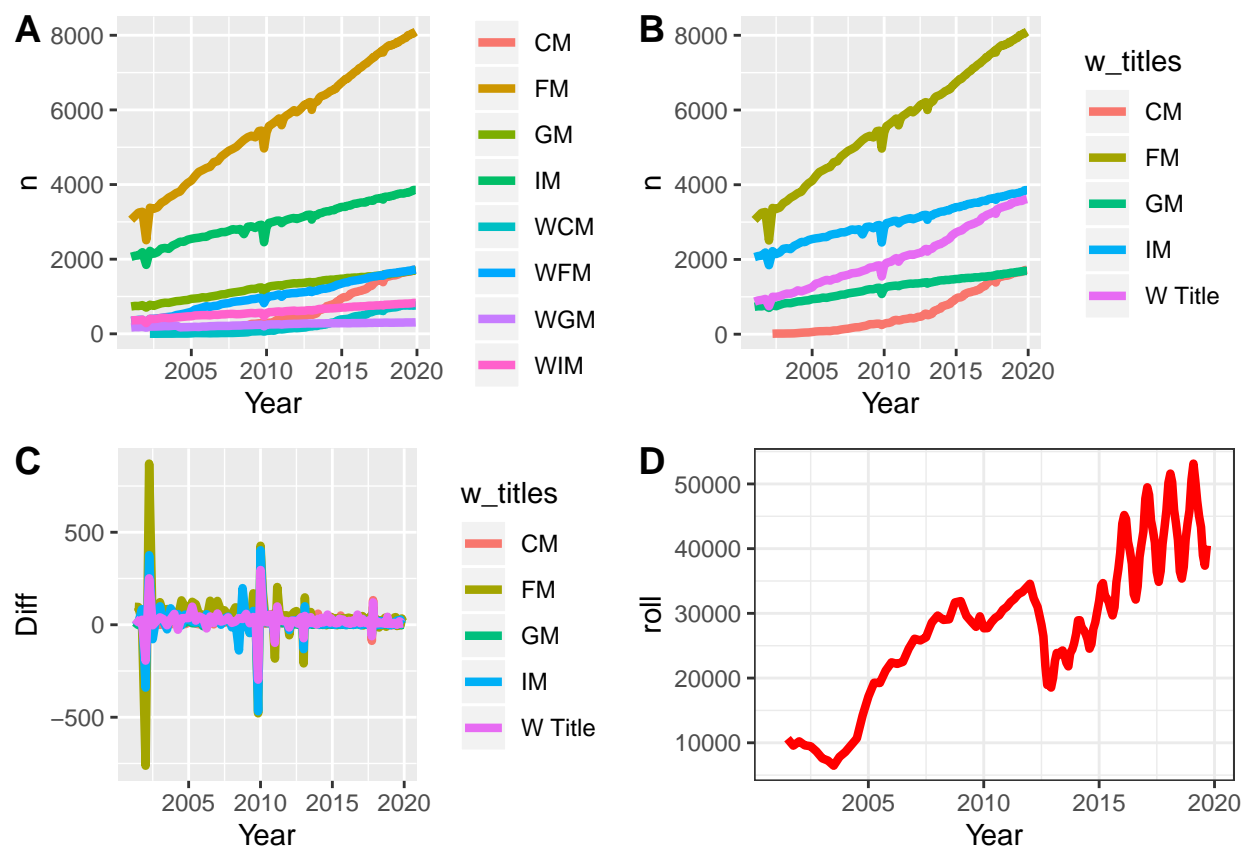
Rating stability over time (misleading)



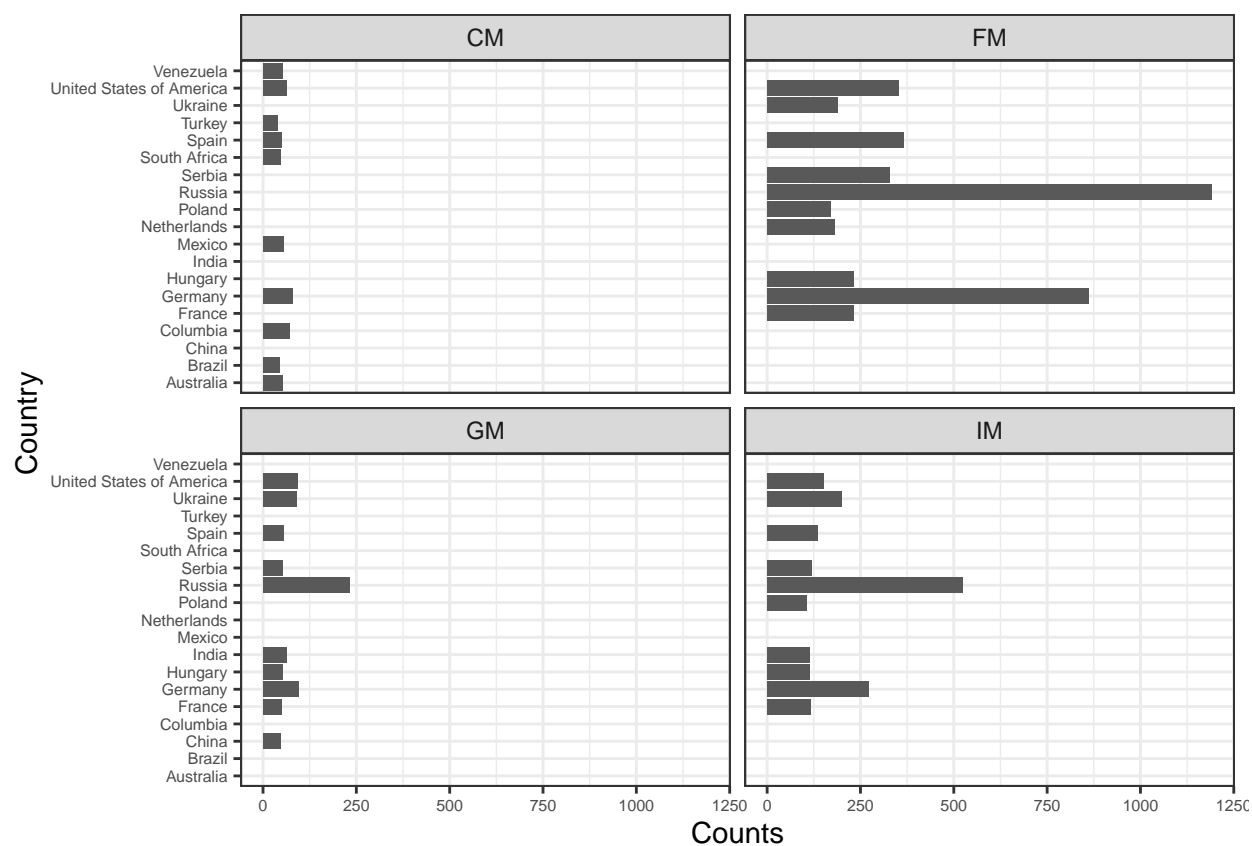
Which countries have seen the greatest changes in player counts?



Titled player count over time

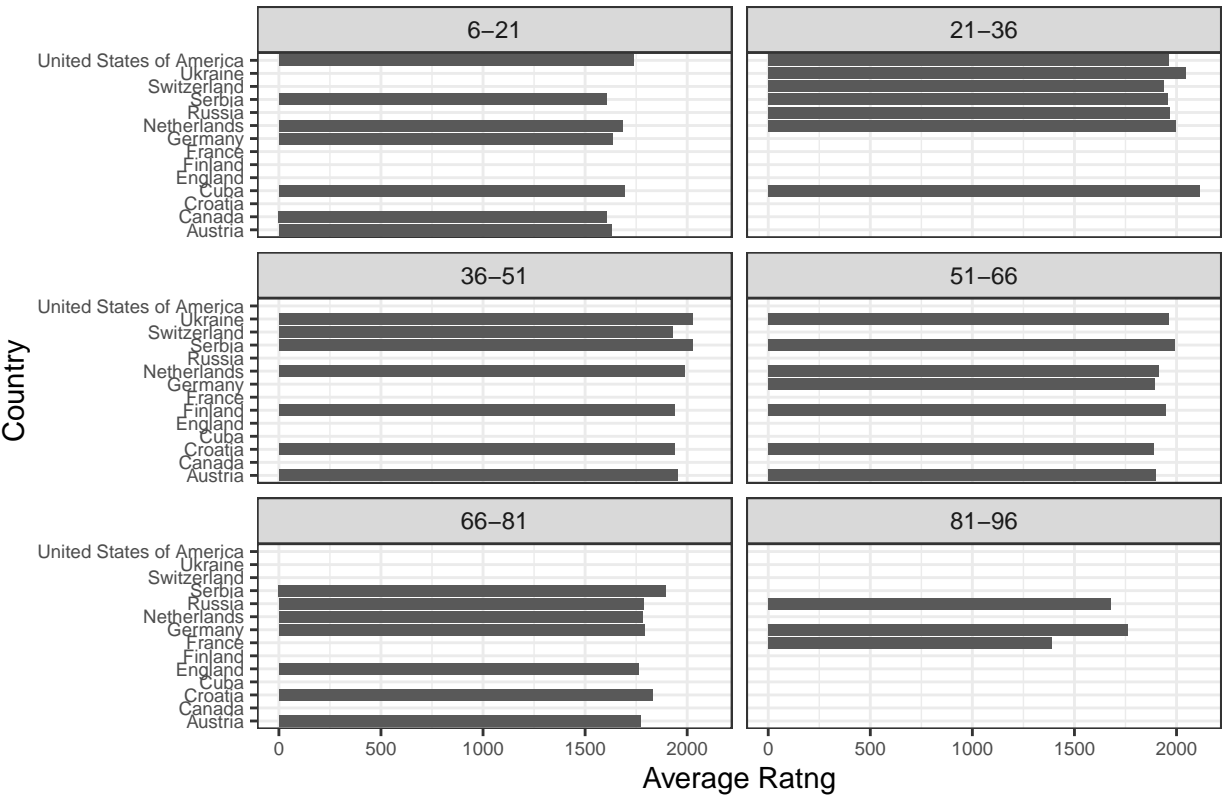


Titled player counts by country



Strongest countries by age group

Highest rated age groups by country



Age vs Rating of different titles for December 2019

