

Intro



The Elo system



Current top players

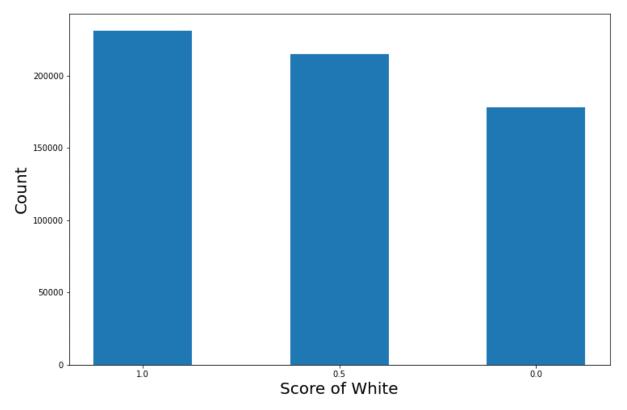
Oct 2020

Rank Name		Title	Country	Rating	Games	B-Year
1	<u>Carlsen, Magnus</u>	g	NOR	2863	0	1990
2	Caruana, Fabiano	g	USA	2828	5	1992
3	<u>Ding, Liren</u>	g	CHN	2791	0	1992
4	Vachier-Lagrave, Maxime	g	FRA	2784	5	1990
5	Nepomniachtchi, Ian	g	RUS	2784	0	1990
6	Grischuk, Alexander	g	RUS	2777	0	1983
7	Mamedyarov, Shakhriyar	g	AZE	2770	4	1985
8	So, Wesley	g	USA	2770	0	1993
9	Aronian, Levon	g	ARM	2767	4	1982
10	Radjabov, Teimour	g	AZE	2765	0	1987



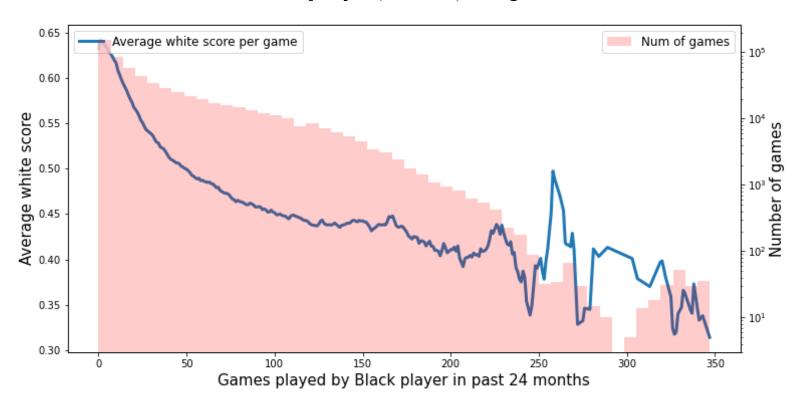


White victories amongst all games (~600,000 games)



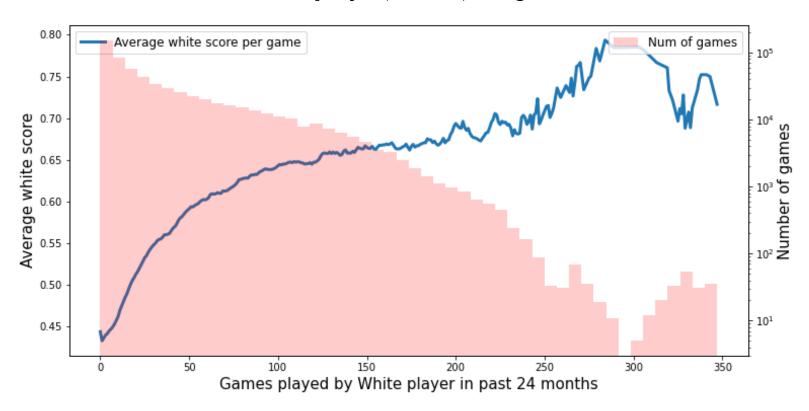


White victories against experience of black player, (~600,000 games)



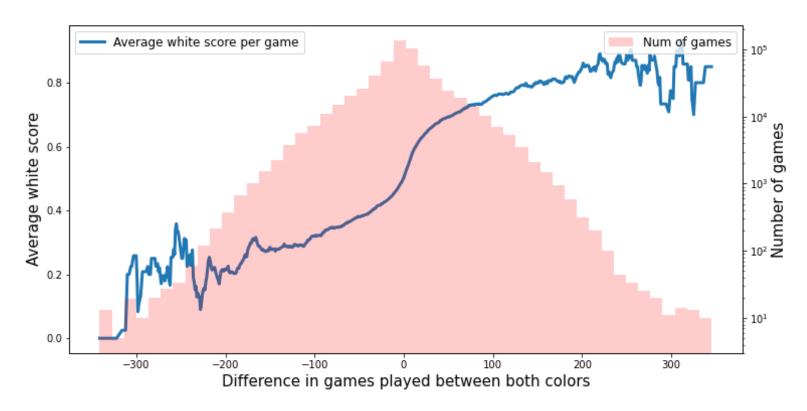


White victories against experience of white player, (~600,000 games)



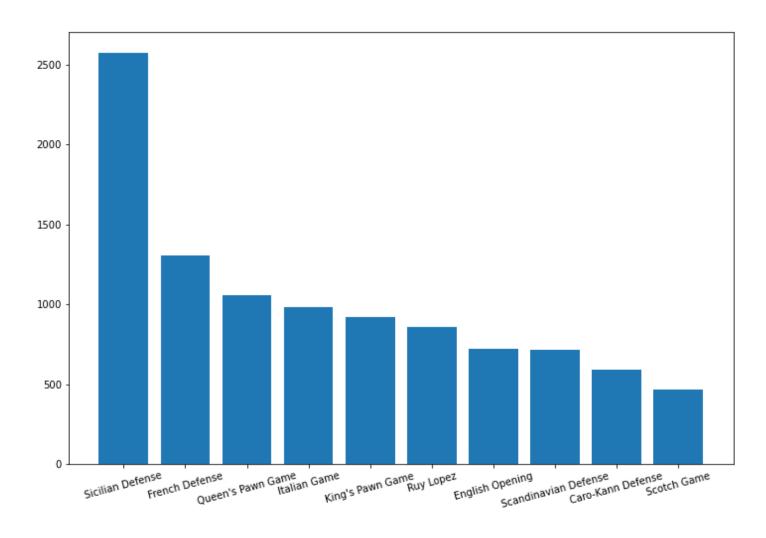


White victories against difference in experience, (~600,000 games)



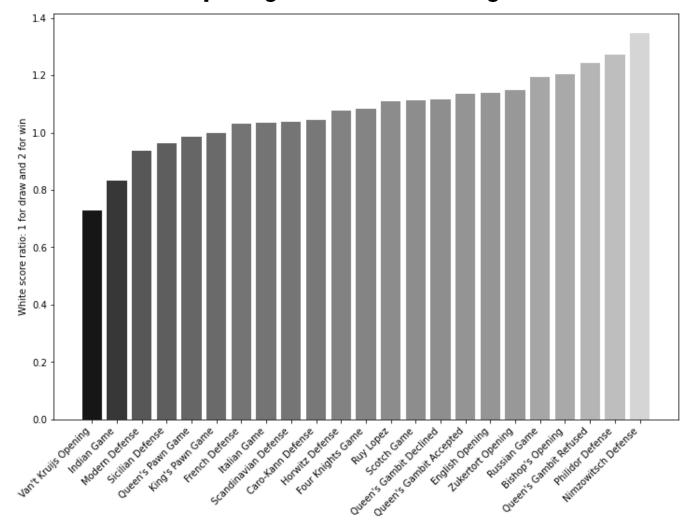


Opening Statistics (~20000 games)



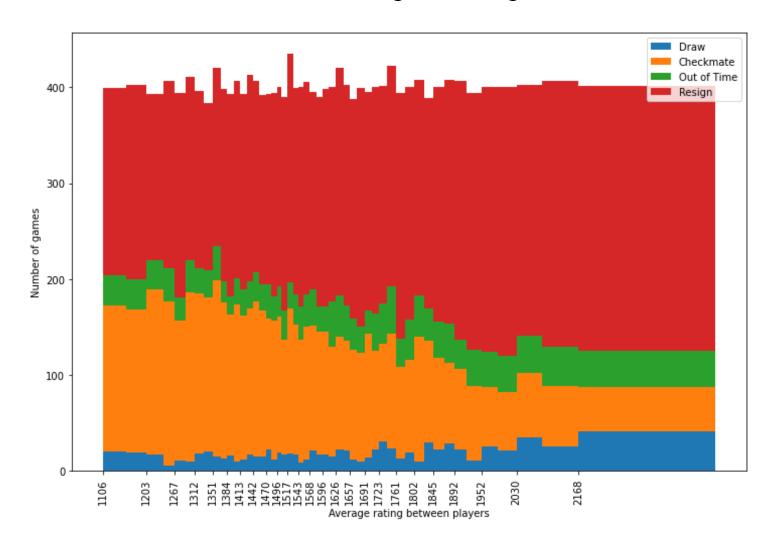


Opening Statistics (~20000 games)





Result vs rating (~20000 games)





Preprocessing



Preprocessing main dataset

- Feature engineering
- Games of the player in the past
- Player rating filing



Preprocessing secondary dataset

- String Processing openings
- Time control
- Label Encoding winner



Thank you!

