

Lichess Bullet Chess Analysis

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1 データの準備

1.1 オープニングデータ

1.2 ゲームのデータ

TODO: 日付の変更。おそらく timestamp

lichess api のデータが 2024-6-15 あたりで変わっている (column が追加されたっぽい) どうかこのタイミングで lichess のゲームデータにカラムが追加されたみたい。> colnames(tmp1)

2 戦形別の勝率??

ゲーム数が 50 を越えるものに限った yo

2.1 white

白番での成績は Table 1 のようになった。

Table1: Opening Score: White

color	opening.name	n	winrate
white	Queen's Pawn Game: Anti-Torre	93	0.656
white	Queen's Pawn Game: Chigorin Variation	396	0.576
white	Englund Gambit: Main Line	84	0.571
white	Neo-Grünfeld Defense: Classical Variation	100	0.570
white	Indian Defense: Knights Variation	882	0.560
white	Dutch Defense: Stonewall Variation, Modern Variation	171	0.556
white	Indian Defense: Spielmann-Indian	247	0.555
white	Horwitz Defense	1536	0.551
white	Benoni Defense: Hromádka System	51	0.549
white	Zukertort Opening: Reversed Grünfeld	317	0.549
white	Queen's Gambit Declined	75	0.547
white	Queen's Pawn Game: Symmetrical Variation, Pseudo-Catalan	1602	0.536
white	Queen's Pawn Game: Modern Defense	943	0.528
white	Queen's Pawn Game	1384	0.525
white	Indian Defense: Wade-Tartakower Defense	378	0.524
white	Englund Gambit Declined: Reversed Alekhine	200	0.520
white	Queen's Pawn Game: Zukertort Variation	1776	0.519
white	Indian Defense: Przepiorka Variation	639	0.516
white	Slav Defense: Modern Line	94	0.511
white	English Defense	427	0.508
white	Queen's Pawn Game: Chandler Gambit	123	0.496
white	Mikenas Defense	67	0.493
white	Dutch Defense	174	0.489
white	Englund Gambit	296	0.483
white	Benoni Defense: Old Benoni	1073	0.480
white	Mieses Opening	94	0.479
white	Catalan Opening: Closed	117	0.470
white	King's Indian Defense: Fianchetto Variation, Uhlmann-Szabo System	56	0.464
white	Neo-Grünfeld Defense: Ultra-Delayed Exchange Variation	157	0.459
white	Queen's Gambit Declined: Marshall Defense	72	0.458
white	Neo-Grünfeld Defense: Classical Variation, Original Defense	108	0.435
white	Benoni Defense: King's Pawn Line	65	0.431
white	Zukertort Opening: Vos Gambit	72	0.431
white	Catalan Opening: Open Defense, Classical Line	82	0.427
white	Englund Gambit: Hartlaub-Charlick Gambit	130	0.423
white	Englund Gambit Declined: Reversed Krebs	207	0.396

2.2 black

黒番での成績は Table 2 のようになった。

Table2: Opening Score: Black

color	opening.name	n	winrate
black	Caro-Kann Defense: Accelerated Panov Attack, Modern Variation	73	0.616
black	Benoni Defense: Four Pawns Attack	106	0.613
black	Benoni Defense: Benoni-Indian Defense, Kingside Move Order	86	0.605
black	Caro-Kann Defense: Hillbilly Attack	276	0.572
black	Benoni Defense: Classical Variation	176	0.562
black	Slav Indian	79	0.532
black	Saragossa Opening	105	0.524
black	Caro-Kann Defense: Panov Attack, Modern Defense	101	0.515
black	Caro-Kann Defense: Accelerated Panov Attack	150	0.513
black	Caro-Kann Defense: Classical Variation	80	0.512
black	Caro-Kann Defense	2586	0.497
black	Benoni Defense: Classical Variation, Averbakh-Grivas Attack	99	0.495
black	Caro-Kann Defense: Bronstein-Larsen Variation	382	0.495
black	Hungarian Opening: Slav Formation	352	0.491
black	Benoni Defense: King's Pawn Line	312	0.487
black	Caro-Kann Defense: Exchange Variation	659	0.487
black	Van Geet Opening	68	0.485
black	Benoni Defense: Modern Variation	381	0.478
black	Van't Kruijs Opening	443	0.476
black	Benoni Defense: Uhlmann Variation	55	0.473
black	Caro-Kann Defense: Advance Variation, Bayonet Attack	102	0.471
black	Slav Defense: Exchange Variation	82	0.463
black	Benoni Defense	240	0.462
black	Benoni Defense: Old Benoni	1195	0.459
black	Queen's Pawn Game	194	0.459
black	Benoni Defense: Benoni Gambit Accepted	234	0.453
black	Caro-Kann Defense: Exchange Variation, Rubinstein Variation	62	0.452
black	Indian Defense: Spielmann-Indian	488	0.449
black	Caro-Kann Defense: Main Line	289	0.443
black	English Opening: Caro-Kann Defensive System	429	0.443
black	Slav Defense	70	0.443
black	Caro-Kann Defense: Advance Variation, Short Variation	329	0.438
black	Caro-Kann Defense: Two Knights Attack	570	0.433
black	Caro-Kann Defense: Breyer Variation	261	0.429
black	King's Indian Attack: Yugoslav Variation	70	0.429
black	Zukertort Opening: Slav Invitation	425	0.428
black	Nimzo-Larsen Attack	422	0.424
black	Bird Opening	236	0.424
black	Indian Defense: Reversed Chigorin Defense	172	0.419
black	Caro-Kann Defense: Panov Attack, Modern Defense, Mieses Line	305	0.416
black	English Opening: Symmetrical Variation, Anti-Benoni Variation	209	0.411
black	Caro-Kann Defense: Panov Attack	141	0.411