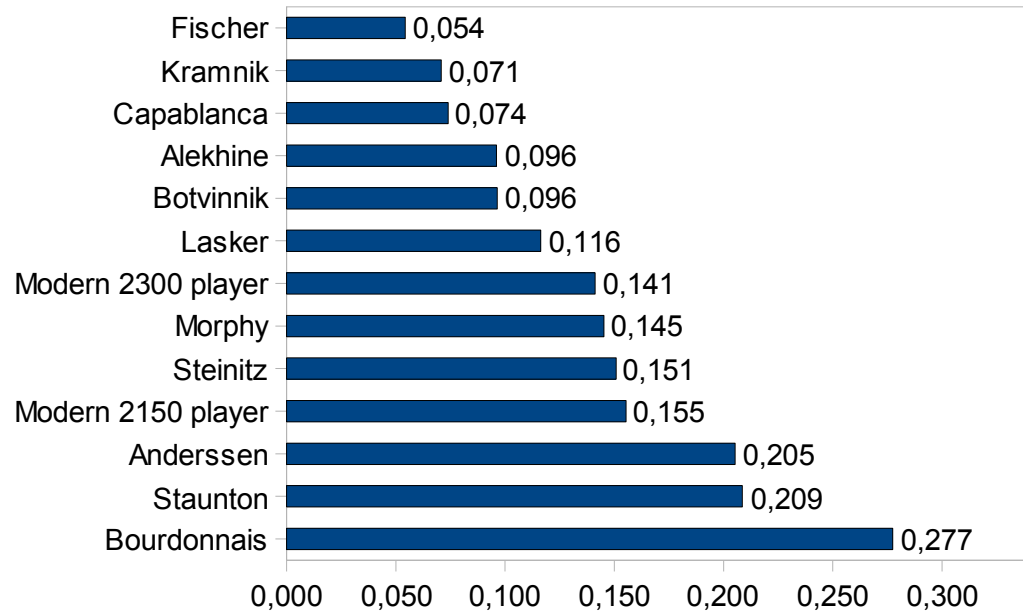


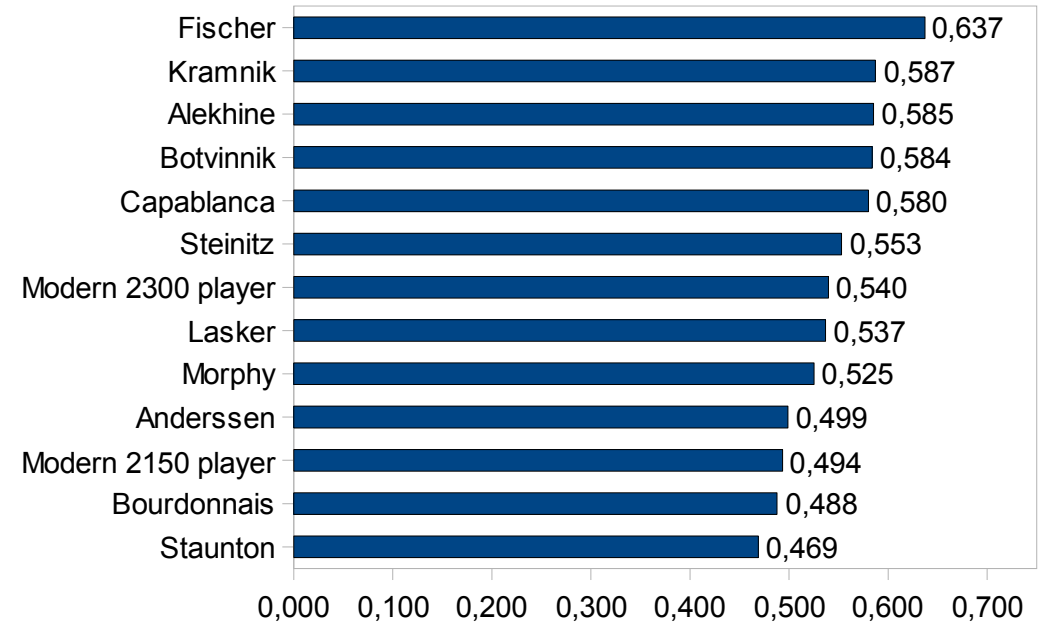
	<i>event</i>	<i>games</i>	<i>event</i>	<i>games</i>	<i>event</i>	<i>games</i>	<i>total games</i>
<i>Alekhine</i>	San Remo 1930	14	Bled 1931	24	Alekhine vs Euwe III	1	39
<i>Anderssen</i>	Baden-Baden 1870	14	London 1851	21	Vienna 1873	12	
	Anderssen vs Paulsen I 1862	2					49
<i>Botvinnik</i>	Botvinnik vs Tal II 1961	21	Hague-Moscow 1948	7			28
	Bourdonnais vs McDonnell 1834	44					44
<i>Bourdonnais</i>	New York 1918	6	New York 1927	20	St. Petersburg 1914	17	43
<i>Capablanca</i>	Fischer vs Larsen 1971	6	Fischer vs Taimanov 1971	6	Palma de Mallorca 1970	21	33
<i>Fischer</i>	Kasparov vs Kramnik I 2000	14	Kramnik vs Topalov 2006	15	Linares 1997	3	32
<i>Kramnik</i>	Lasker vs Steinitz II 1896	17	London 1899	16			33
<i>Lasker</i>	Estonian Junior Championships 2007	32					32
<i>Modern 2150 player</i>	Estonian Junior Championships 2007	21	Estonian Championships 2008	15			36
<i>Modern 2300 player</i>	Anderssen vs Morphy 1858	11	Harrwitz vs Morphy 1858	8	Löwenthal vs Morphy II 1858	14	
	1 st American Chess Congress	8					41
	Saint-Amant vs Staunton II 1843	23	von der Lasa vs Staunton 1853	11	Saint-Amant vs Staunton I 1843	4	38
<i>Staunton</i>	Blackburne vs Steinitz III 1876	7	Steinitz vs Zukertort II 1886	20	St. Petersburg 1895	10	37
<i>Steinitz</i>							

	<i>analysed moves</i>	<i>moves valid for comparison</i>	<i>percentage</i>
<i>Alekhine</i>	1606	1020	63,51%
<i>Anderssen</i>	1870	1009	53,96%
<i>Botvinnik</i>	1440	1005	69,79%
<i>Bourdonnais</i>	1902	1000	52,58%
<i>Capablanca</i>	1735	1017	58,62%
<i>Fischer</i>	1506	1023	67,93%
<i>Kramnik</i>	1434	1015	70,78%
<i>Lasker</i>	1549	1017	65,66%
<i>Modern 2150 player</i>	1577	1005	63,73%
<i>Modern 2150 player</i>	1699	1004	59,09%
<i>Morphy</i>	1822	1011	55,49%
<i>Staunton</i>	1822	1017	55,82%
<i>Steinitz</i>	1742	1009	57,92%

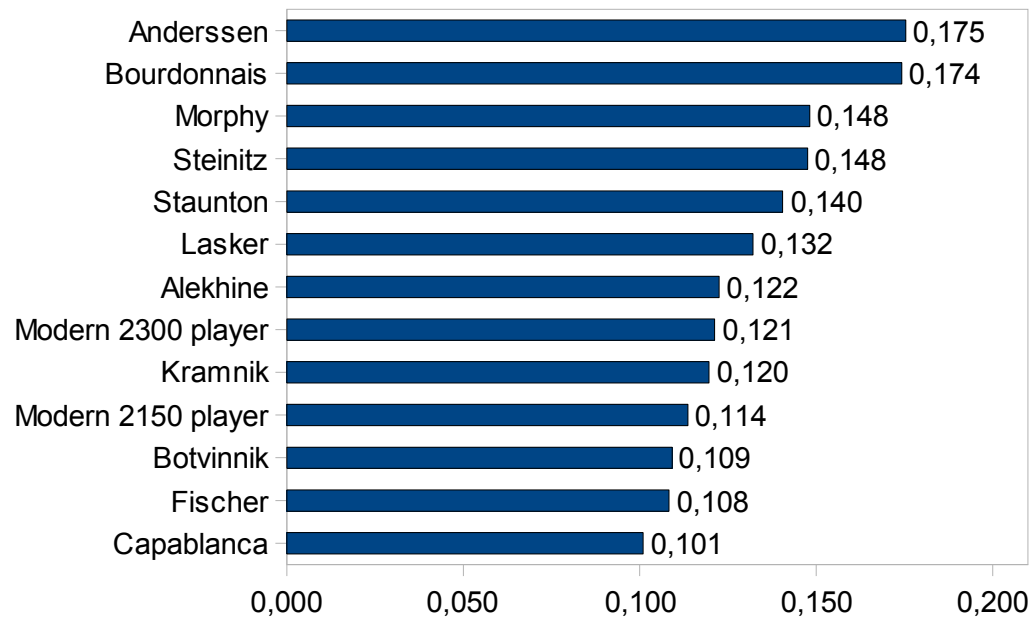
Average error



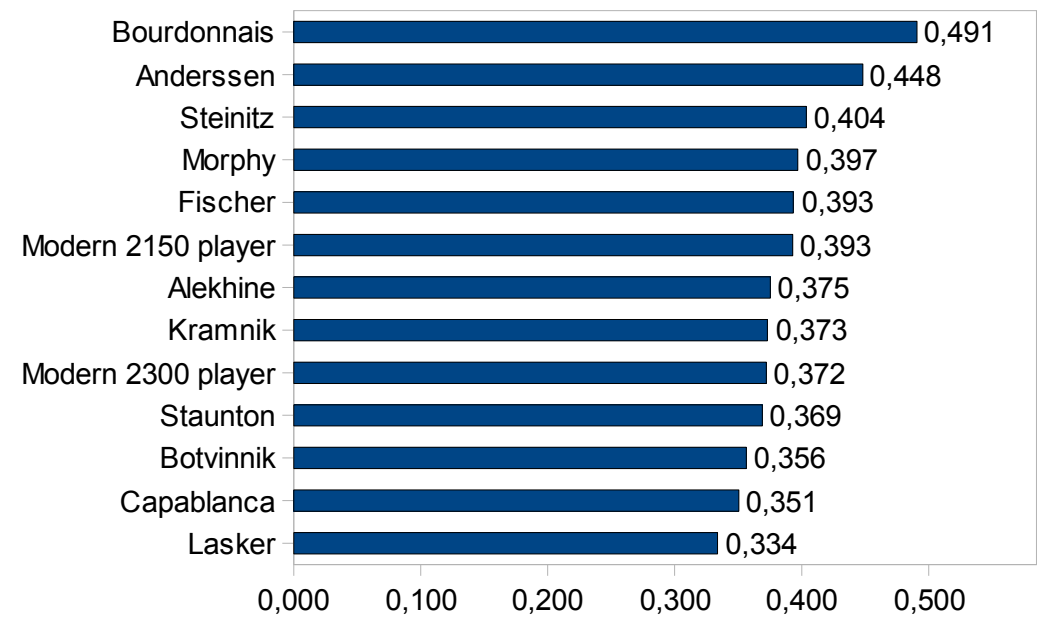
% of best moves



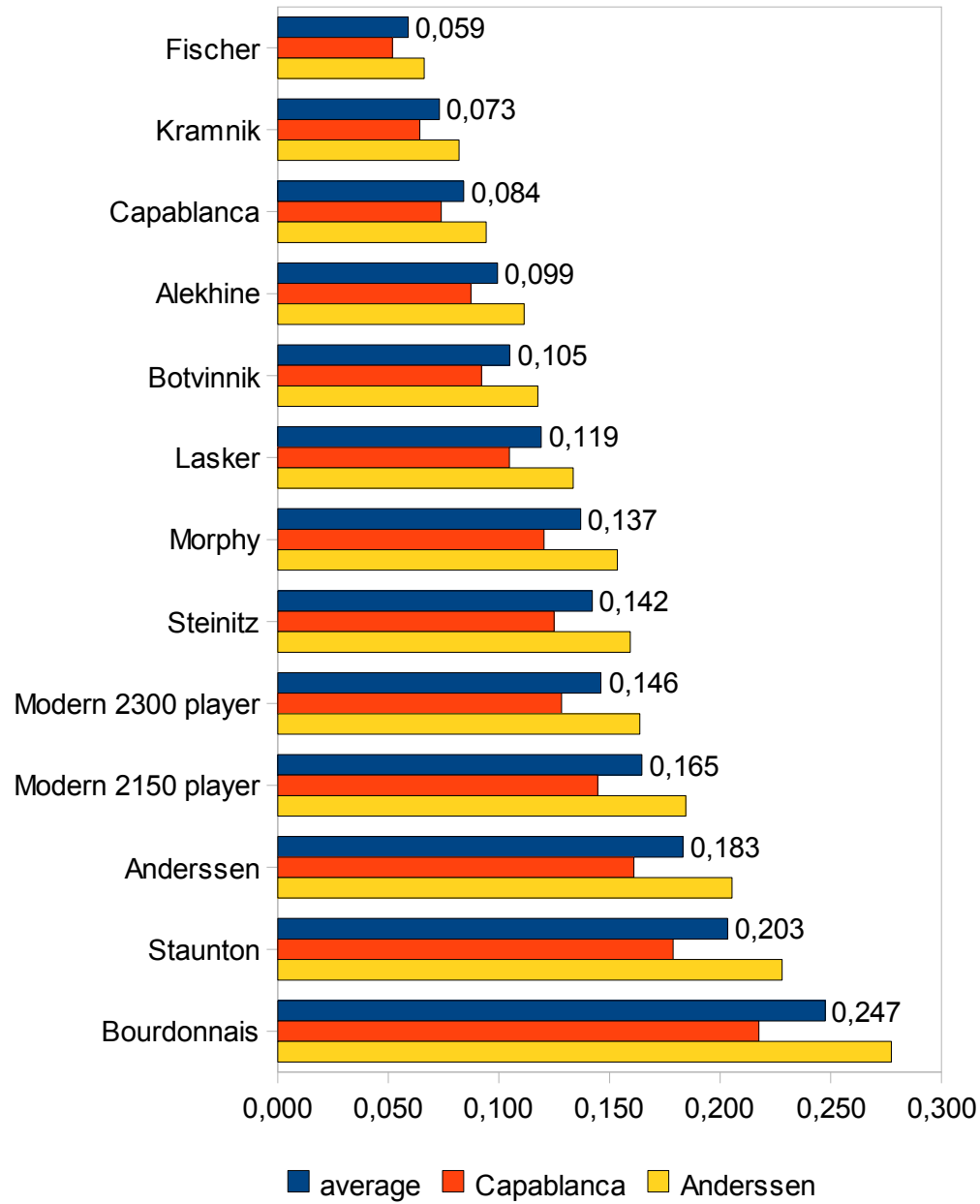
Complexity



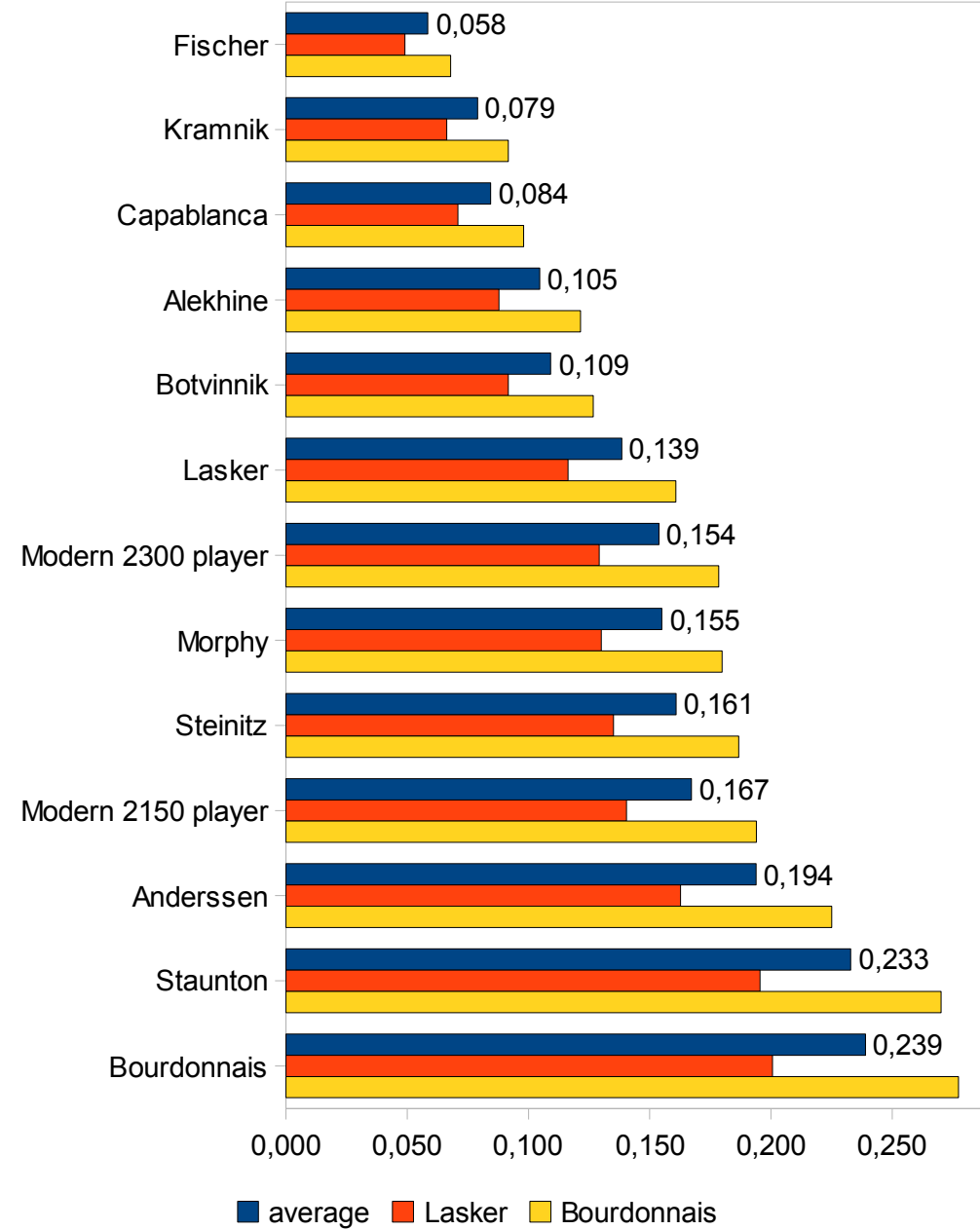
Difference between best moves



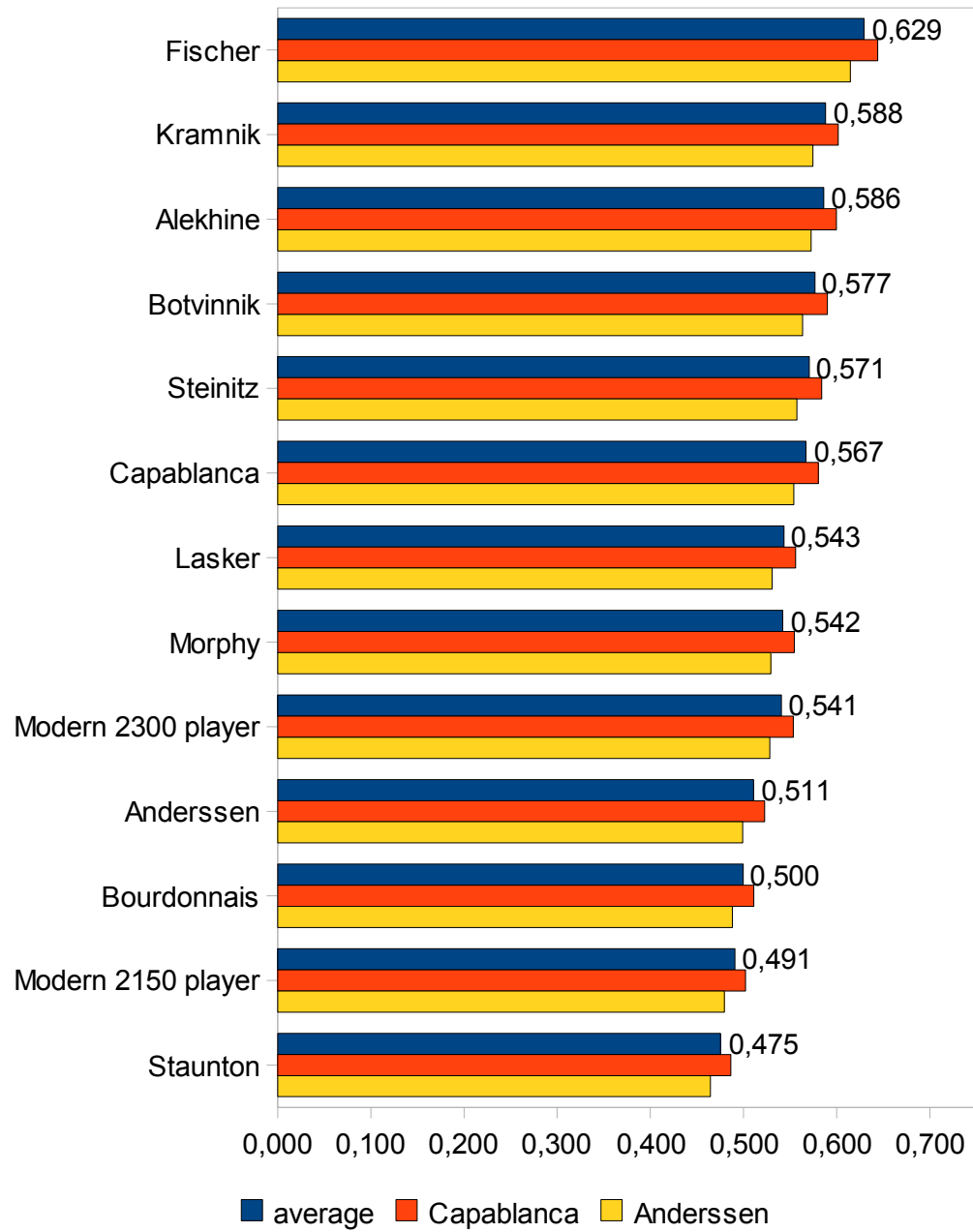
Expected error by complexity



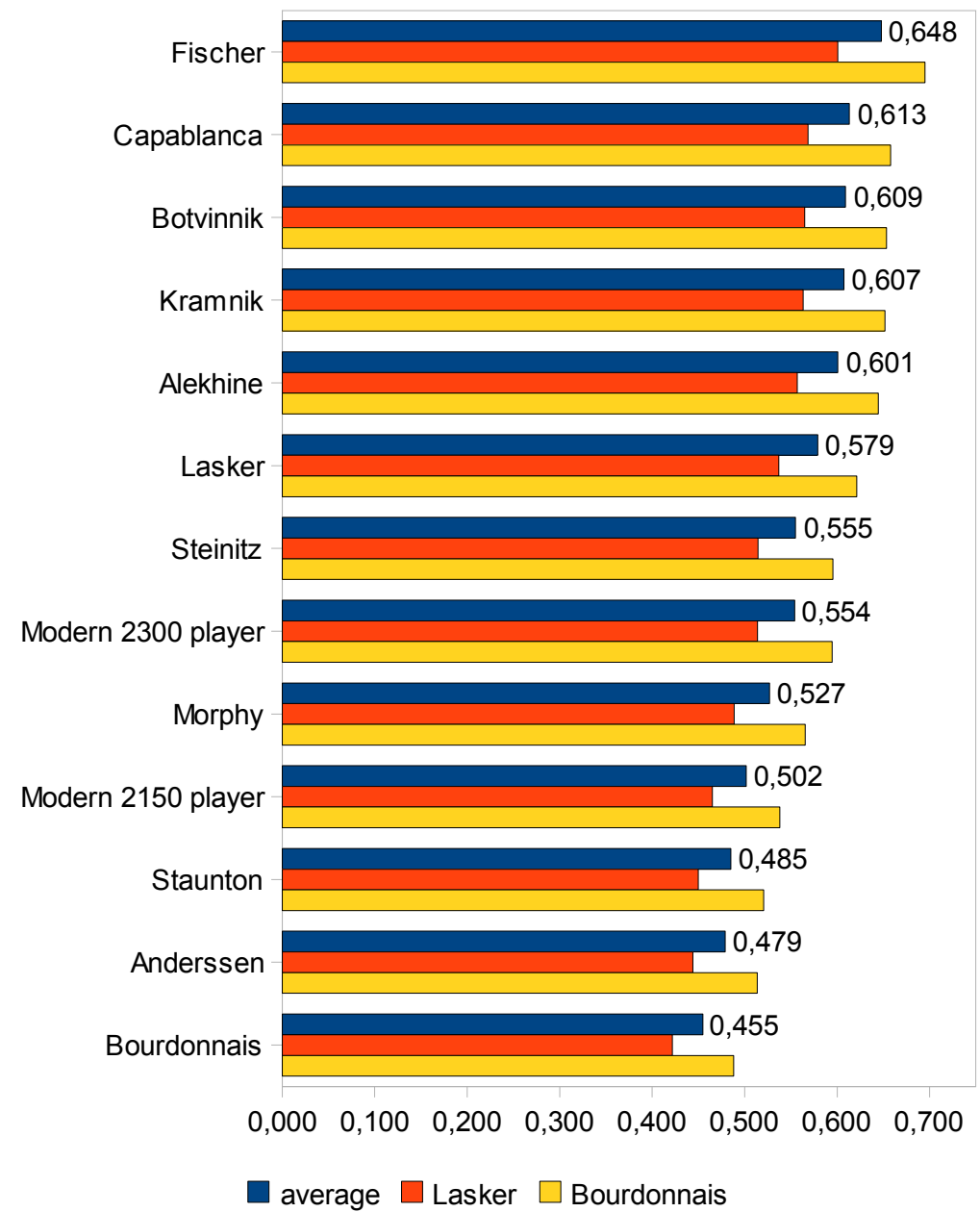
Expected error by difference



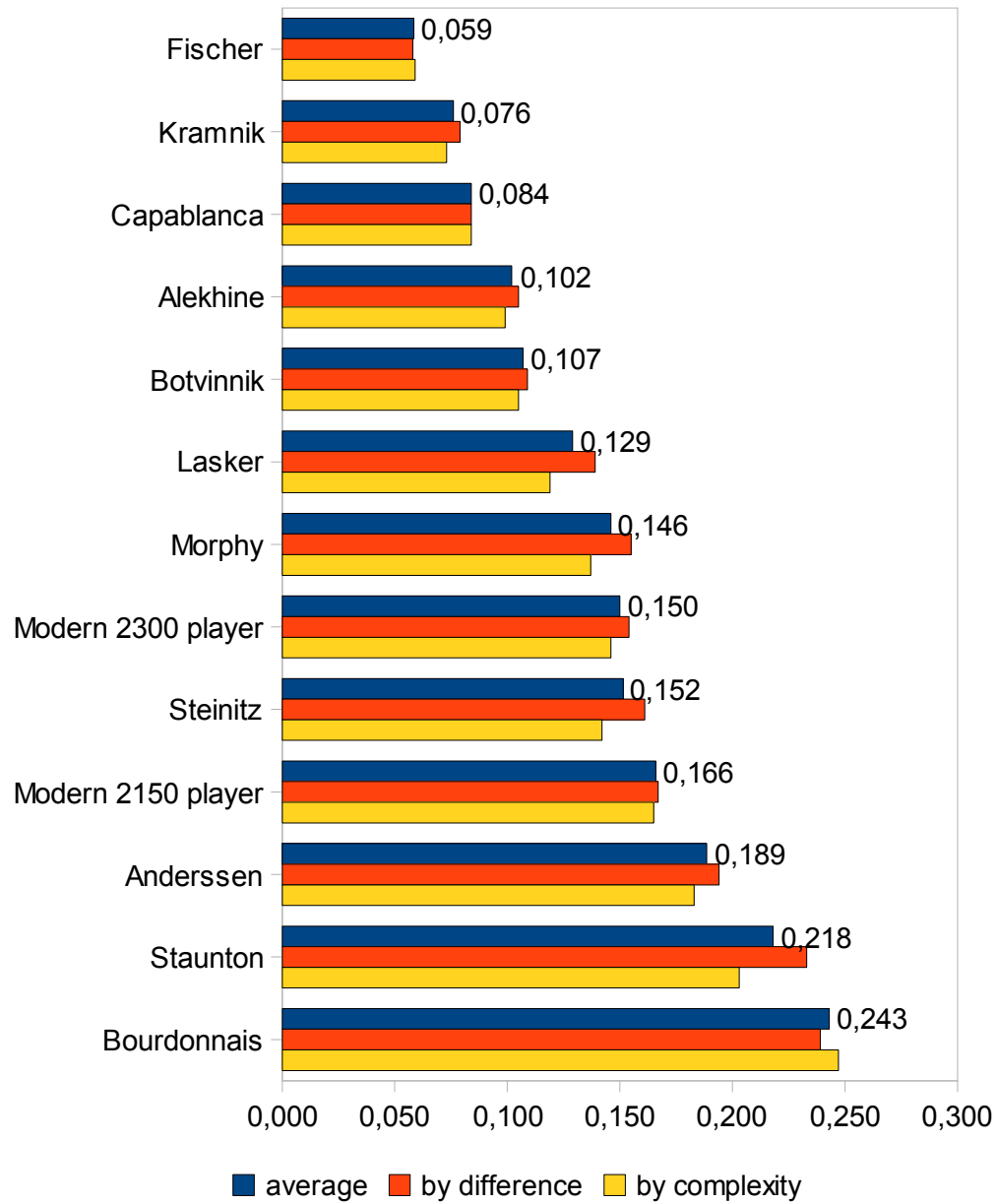
Expected % of best moves by complexity



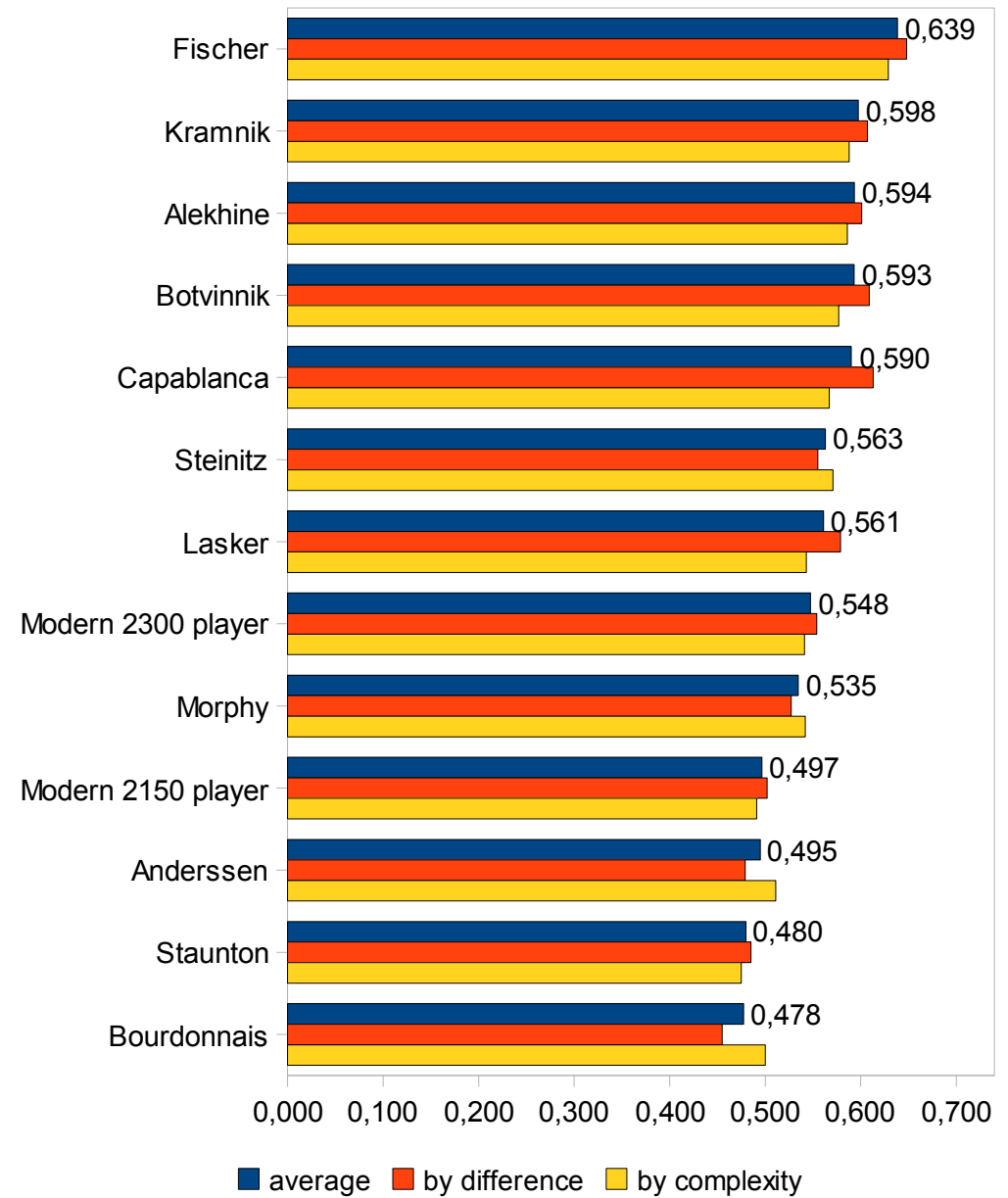
Expected % of best moves by difference



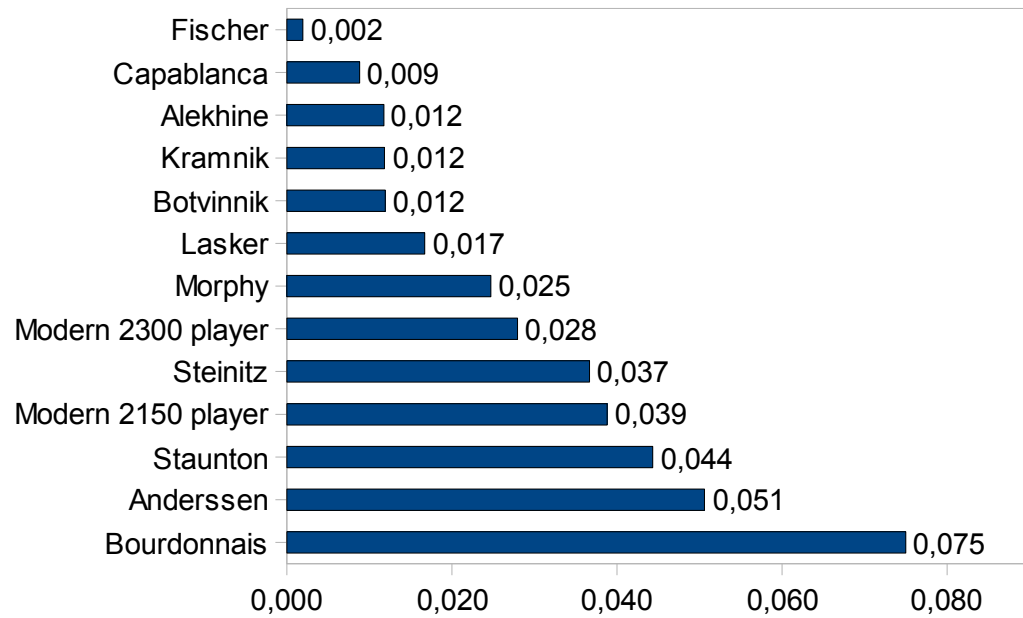
Average expected error



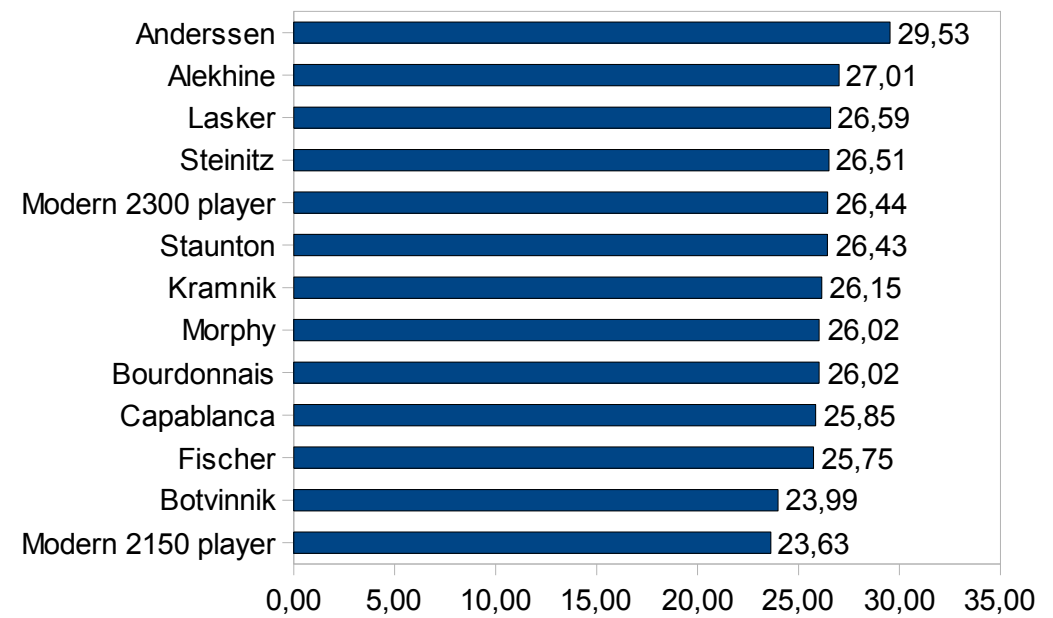
Average expected % of best moves



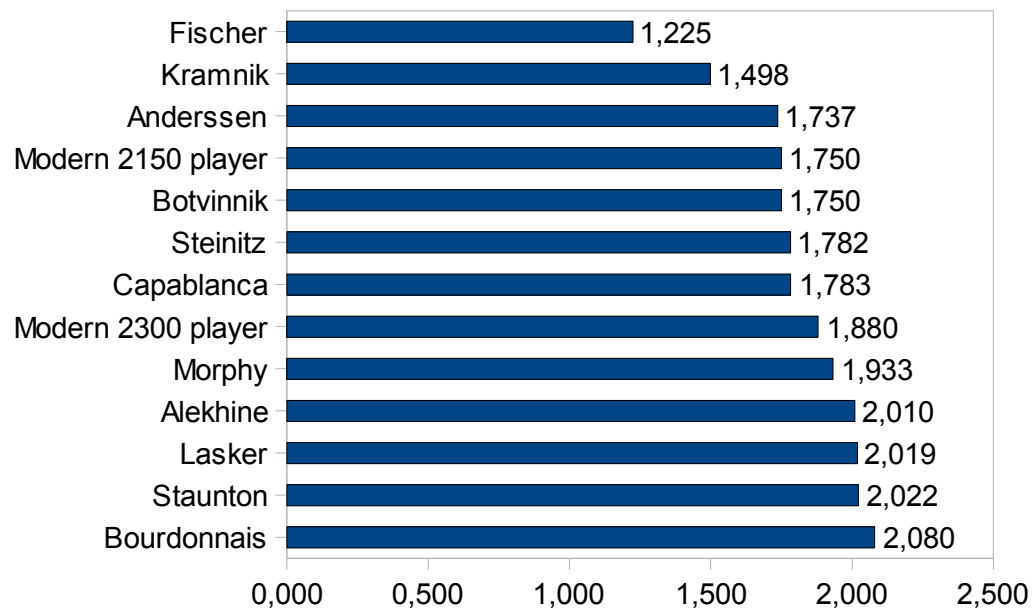
% of blunders

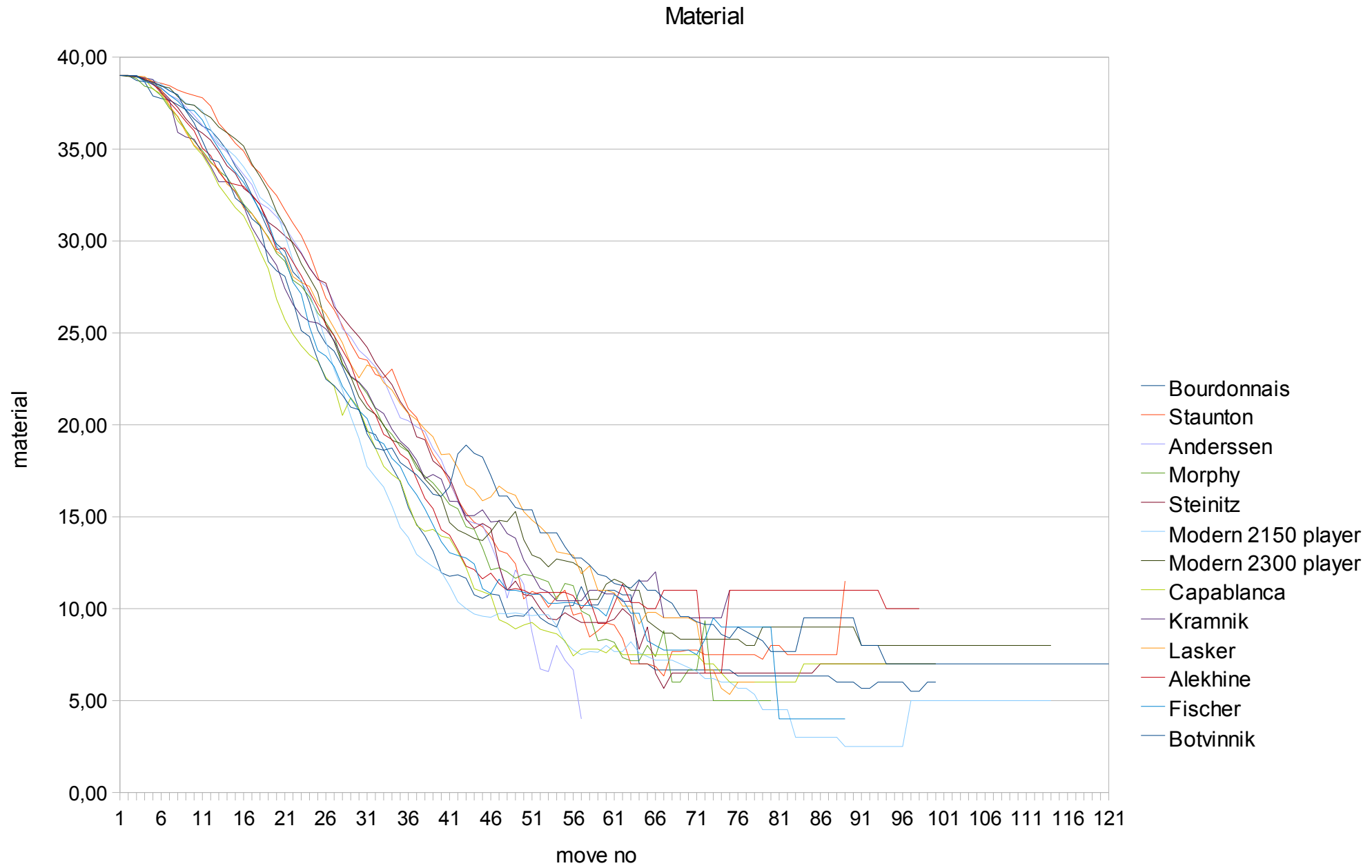


Average material

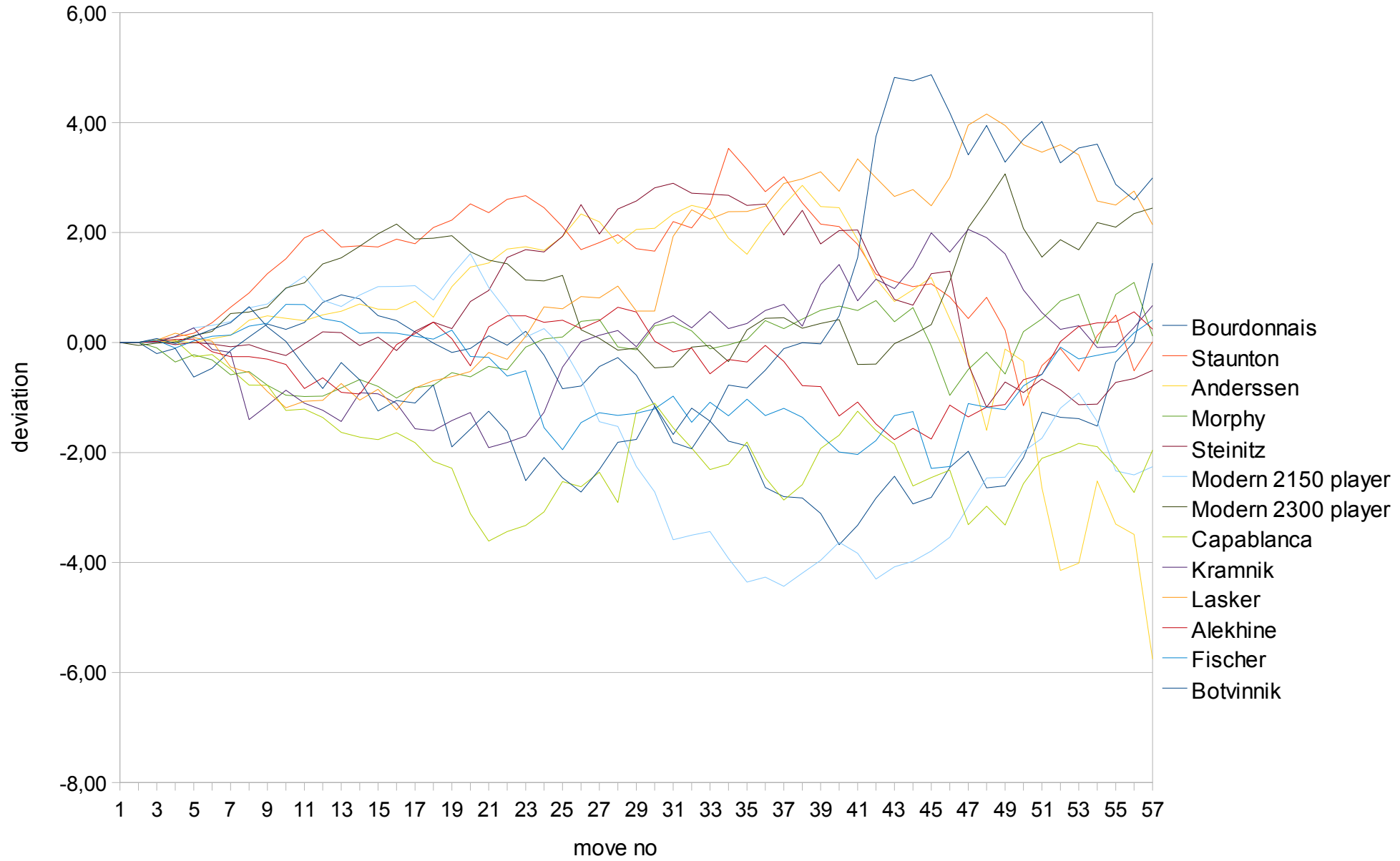


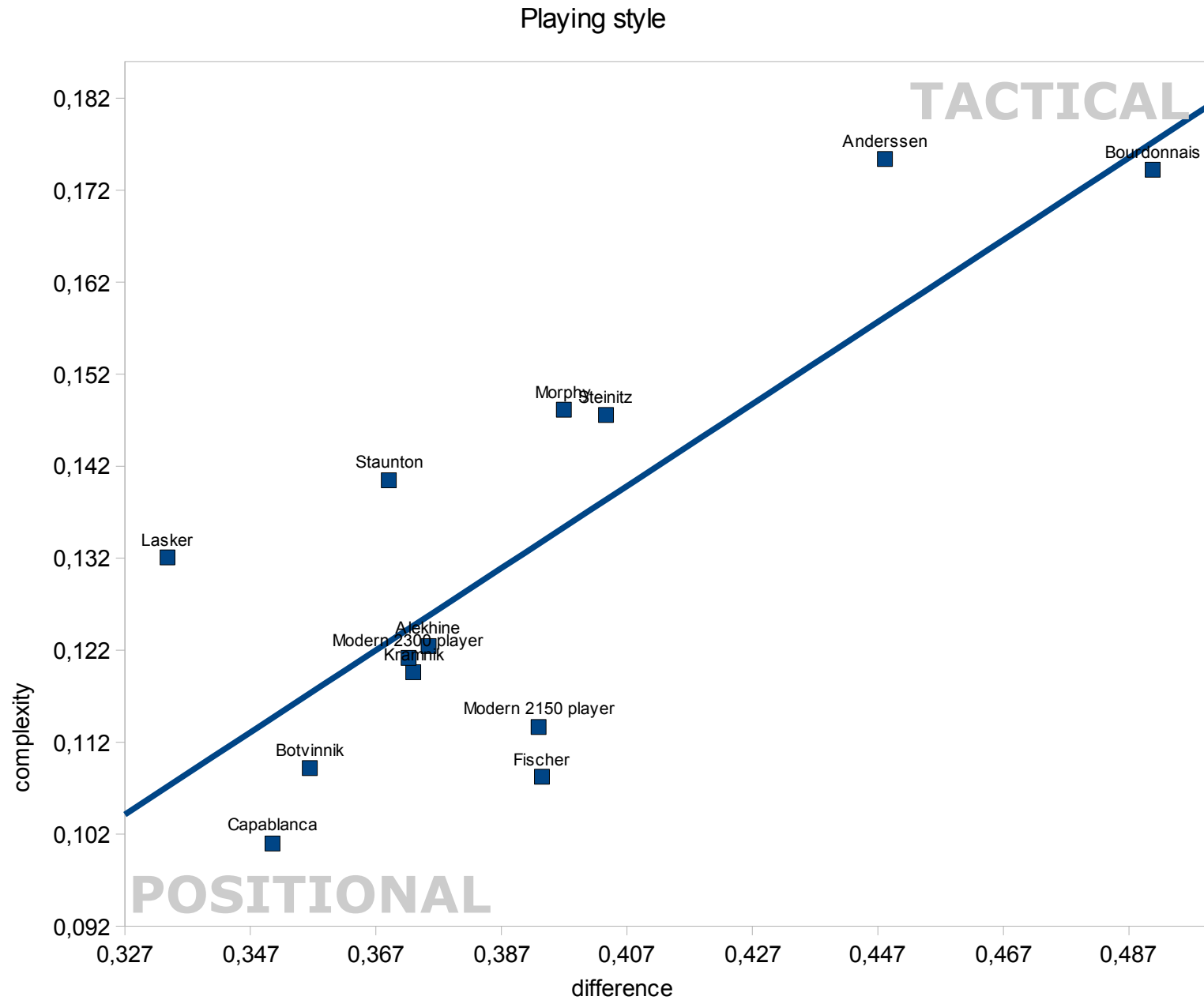
Average value of blunders



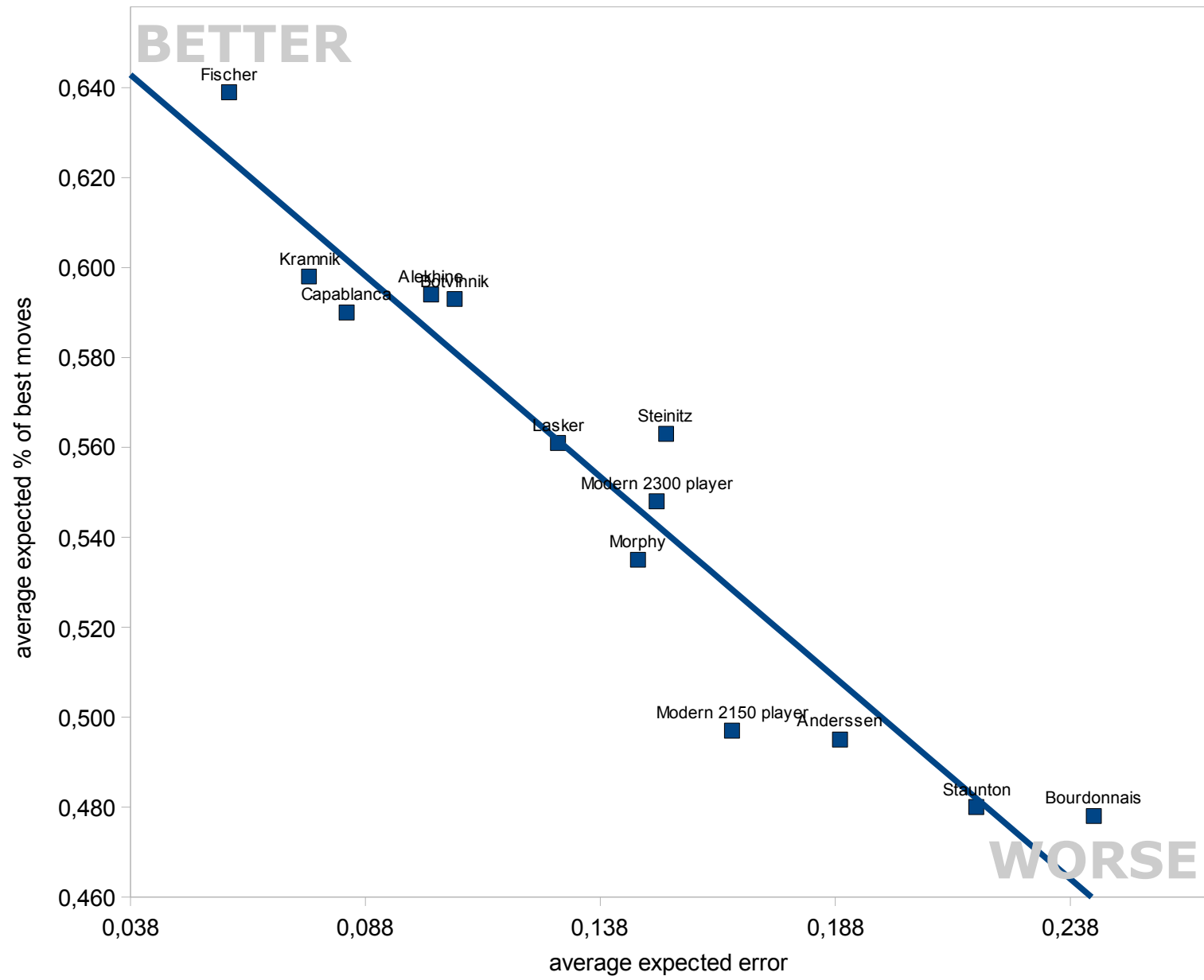


Material deviation





Quality of play



4 most complex positions

McDonnell vs La Bourdonnais 1-0 39 1843
London

complexity
2,70

best move
26...e5!

played
26...Qxc5?

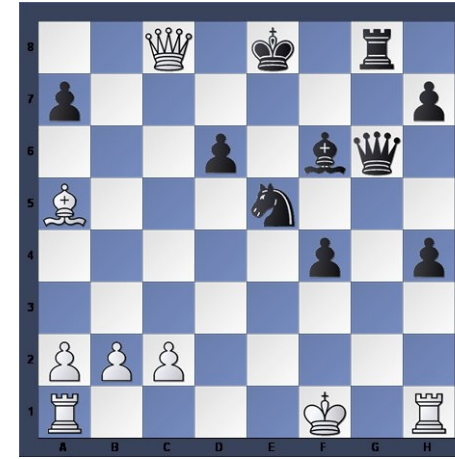


McDonnell vs La Bourdonnais 0-1 48 1843
Paris

complexity
2,40

best move
25...Bd8!

played
25...Kf7?!

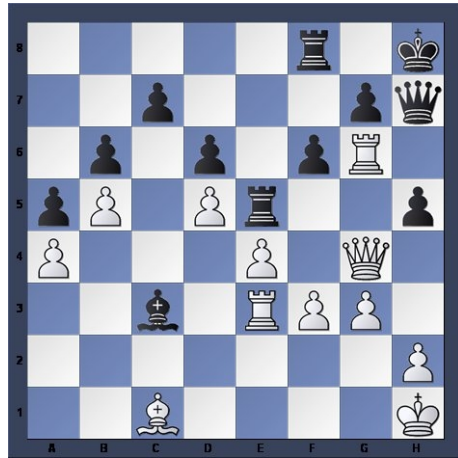


Anderssen vs Rosenthal 0-1 34 1870
Baden-Baden

complexity
2,16

best move
33.Rxg7!

played
33.Qd7?

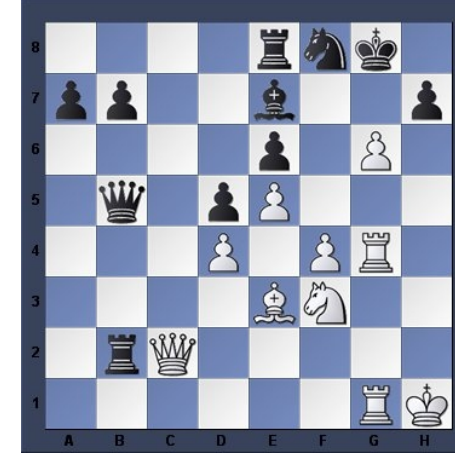


Topalov vs Kramnik 0-1 63 2006 Elista

complexity
2,13

best move
29...h5

played
29...h5



Events with at least 5 games listed by average error

event	average error	complexity	% of best moves	difference
1 Fischer vs Taimanov 1971	0,046	0,091	0,648	0,404
2 Fischer vs Larsen 1971	0,048	0,128	0,729	0,537
3 New York 1927 (Capablanca)	0,050	0,096	0,576	0,282
4 Palma de Mallorca 1970 (Fischer)	0,059	0,110	0,611	0,354
5 Kramnik vs Topalov 2006	0,067	0,126	0,577	0,406
6 Kasparov vs Kramnik I 2000	0,072	0,108	0,597	0,321
7 New York 1918 (Capablanca)	0,076	0,128	0,660	0,499
8 Hague-Moscow 1948 (Botvinnik)	0,076	0,099	0,587	0,272
9 San Remo 1930 (Alekhine)	0,082	0,138	0,579	0,375
10 London 1899 (Lasker)	0,083	0,118	0,578	0,309
11 St. Petersburg 1914 (Capablanca)	0,096	0,096	0,556	0,367
12 Botvinnik vs Tal II 1961	0,102	0,112	0,583	0,378
13 Bled 1931 (Alekhine)	0,107	0,117	0,589	0,369
14 St. Petersburg 1895 (Steinitz)	0,115	0,143	0,562	0,406
15 Harrwitz vs Morphy 1858	0,119	0,150	0,502	0,294
16 Estonian Junior Championships 2007 (modern 2300 player)	0,135	0,117	0,536	0,375
17 Lasker vs Steinitz II 1896	0,142	0,143	0,504	0,354
18 Löwenthal vs Morphy II 1858	0,145	0,146	0,526	0,361
19 Anderssen vs Morphy 1858	0,148	0,155	0,536	0,505
20 Estonian Championships 2008 (modern 2300 player)	0,150	0,126	0,543	0,375
21 Estonian Junior Championships 2007 (modern 2150 player)	0,155	0,114	0,494	0,393
22 Steinitz vs Zukertort II 1886	0,160	0,138	0,531	0,393
23 1st American Chess Congress 1857 (Morphy)	0,177	0,139	0,531	0,440
24 Blackburne vs Steinitz III 1876	0,187	0,185	0,603	0,431
25 Saint-Amant vs Staunton II 1843	0,195	0,130	0,453	0,291
26 Baden-Baden 1870 (Anderssen)	0,196	0,185	0,496	0,497
27 Vienna 1873 (Anderssen)	0,200	0,162	0,534	0,329
28 London 1851 (Anderssen)	0,220	0,169	0,475	0,450
29 von der Lasa vs Staunton 1853	0,229	0,178	0,436	0,448
30 Bourdonnais vs McDonnell 1834	0,277	0,174	0,488	0,491