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The SSDF Chess Engine Rating List, 2021-07

Lars Sandin [a] and Tristan Cazenave [b,*]
[a] *Chairman, Svenska schackdatorföreningen, Sweden*
[b] *LAMSADE, Université Paris-Dauphine, PSL, CNRS, Paris, France*

	Rating	+	−	Games	Won	Oppo
1 Lc0 0.26.3 Cuda(67362) 3060Ti	3581	41	−39	320	64%	3479
2 Stockfish 13 x64 1800X 3.6 GHz	3573	44	−40	320	70%	3428
3 Stockfish 12 NNUE x64 1800X 3.6 GHz	3568	32	−30	520	64%	3468
4 Dragon by Komodo x64 1800X 3.6 GHz	3557	34	−32	460	63%	3457
5 Stockfish 11 x64 1800X 3.6 GHz	3545	36	−34	450	70%	3399
6 Stockfish 10 x64 1800X 3.6 GHz	3520	25	−24	880	68%	3384
7 Dragon Komodo 2 MCTS x64 1800X 3.6 GHz	3503	54	−55	160	49%	3499
8 Stockfish 9 x64 1800X 3.6 GHz	3480	26	−24	882	70%	3334
9 Komodo 13.1 x64 1800X 3.6 GHz	3468	30	−29	560	62%	3385
10 Komodo 13.02 x64 1800X 3.6 GHz	3461	30	−29	600	65%	3350
11 Komodo 14 x64 1800X 3.6 GHz	3461	34	−34	400	52%	3449
12 Komodo 12.3 x64 1800X 3.6 GHz	3451	27	−26	760	66%	3333
13 Stockfish 9 x64 Q6600 2.4 GHz	3443	32	−31	480	56%	3399
14 Komodo 12.3 x64 Q6600 2.4 GHz	3431	36	−34	400	61%	3355
15 Stockfish 8 x64 1800X 3.6 GHz	3425	20	−19	1440	71%	3269
16 Dragon Komodo MCTS x64 1800X 3.6 GHz	3420	41	−41	280	52%	3413
17 Komodo 13.2.5 MCTS x64 1800X 3.6 GHz	3417	50	−48	200	56%	3374
18 Stockfish 8 x64 Q6600 2.4 GHz	3409	31	−30	560	65%	3299
19 Pedone 3 x64 1800X 3.6 GHz	3399	44	−45	240	43%	3442
20 Komodo 13.02 MCTS x64 1800X 3.6 GHz	3397	31	−30	520	57%	3345
21 Booot 6.4 x64 1800X 3.6 GHz	3368	36	−36	360	51%	3365
22 Deep Shredder 13 x64 1800X 3.6 GHz	3356	24	−24	880	64%	3255
23 Pedone 3 x64 Q6600 2.4 GHz	3317	51	−48	200	60%	3248
24 Pedone 2.1 x64 1800X 3.6 GHz	3305	42	−46	280	32%	3420
25 Vajolet2 2.8 x64 1800X 3.6 GHz	3294	27	−28	650	38%	3377
26 Arasan 21.2 x64 1800X 3.6 GHz	3291	25	−26	800	36%	3388
27 Wasp 4 x64 1800X 3.6 GHz	3265	42	−45	280	33%	3376
28 Pedone 2.1 x64 Q6600 2.4 GHz	3222	46	−44	240	59%	3159
29 Deep Hiarcs 14 1800X 3.6 GHz	3218	24	−25	840	38%	3298
30 Deep Rybka 4 x64 Q6600 2.4 GHz	3198	19	−18	1448	64%	3100
31 Chiron 3.01 x64 Q6600 2.4 GHz	3177	27	−27	656	45%	3214
32 Naum 4.2 x64 Q6600 2.4 GHz	3146	21	−21	1123	60%	3078
33 Deep Junior Yokohama x64 Q6600 2.4 GHz	3125	22	−22	1010	42%	3183
34 Spike 1.4 Q6600 2.4 GHz	3106	15	−15	2031	52%	3094
35 Hiarcs 14 Athlon 1.2 GHz	3099	29	−29	560	55%	3064
36 Deep Fritz 13 Q6600 2.4 GHz	3097	24	−24	826	55%	3064
37 Revelation 2 Hiarcs 14.1 PXA320 800 MHz	2925	47	−45	228	56%	2883
38 Chessmaster King 3.5 x64 Q6600 2.4 GHz	2860	24	−25	932	30%	3008
39 Revelation Hiarcs 13.3 PXA255 500 MHz	2771	57	−52	177	66%	2660
40 Revelation Shredder 12 PXA255 500 MHz	2705	60	−58	140	56%	2665
41 Revelation Rybka 2.2 PXA255 500 MHz	2633	45	−43	260	63%	2545
42 Revelation Deep Sjeng 3 PXA255 500 MHz	2598	62	−67	120	41%	2662
43 Millennium The King Exclusive 300 MHz	2524	55	−53	164	55%	2492
44 Revelation Ruffian 2.1 PXA255 500 MHz	2347	68	−71	100	45%	2384
45 Millennium ChessGenius Excl. M7 300 MHz	2249	54	−51	180	59%	2183
46 Mephisto London 68030 33 MHz	2194	31	−31	482	50%	2191
47 Millennium ChessGenius Pro M4 120 MHz	2163	59	−54	160	63%	2067
48 Mephisto London 68020 12 MHz	2103	73	−64	115	67%	1984
49 Millennium ChessGenius ARM M4 48 MHz	2070	45	−43	251	58%	2016
50 Mephisto London 68000 12 MHz	2005	59	−58	140	53%	1981

Fig. 1. The SSDF rating list 2021-07-28. 156884 games played by 406 computers.

*Corresponding author. E-mail: tristan.cazenave@lamsade.dauphine.fr.

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Table 1
The recently tested 'Selected 50' from SSDF rating list '2021-07'

1 Lc0 0.26.3 Cuda(67362) 3060Ti, 3581					
Stoc13 1800X	20-20	SF12NU 1800X	20.5-19.5	Dragon 1800X	21-19
Dra2MC 1800X	25-15	Stock9 1800X	25-15	Ko14 1800X	27-13
Ped3 1800X	33-7	Arasa21 1800X	33-7		
2 Stockfish 13 x64 1800X 3.6 GHz, 3573					
LC0 3060Ti	20-20	SF12NU 1800X	20-20	Dragon 1800X	22-18
Komo11 1800X	29.5-10.5	Boo64 1800X	33.5-6.5	Booot6 1800X	31-9
Ped21 1800X	35-5	Arasa21 1800X	34.5-5.5		
3 Stockfish 12 NNUE x64 1800X 3.6 GHz, 3568					
LC0 3060Ti	19.5-20.5	Stoc13 1800X	20-20	Dragon 1800X	19.5-20.5
Stoc11 1800X	21-19	Stoc10 1800X	23.5-16.5	Dra2MC 1800X	24.5-15.5
Ko131 1800X	25-15	Ko14 1800X	27.5-12.5	Dra MC 1800X	25.5-14.5
Ped3 1800X	29-11	Komo11 1800X	31.5-8.5	Booot6 1800X	29.5-10.5
Ped21 1800X	35-5				
4 Dragon by Komodo x64 1800X 3.6 GHz, 3557					
LC0 3060Ti	19-21	Stoc13 1800X	18-22	SF12NU 1800X	20.5-19.5
Stoc11 1800X	21-19	Stoc10 1800X	22.5-17.5	Ko14 1800X	26.5-13.5
Dra MC 1800X	24-16	Ped3 1800X	27.5-12.5	Booot6 1800X	78.5-21.5
Arasa21 1800X	33-7				
5 Stockfish 11 x64 1800X 3.6 GHz, 3545					
SF12NU 1800X	19-21	Dragon 1800X	19-21	Ko14 1800X	23-17
Stock8 1800X	39.5-20.5	Ko132M 1800X	27-13	Komo11 1800X	31-9
Booot6 1800X	27.5-12.5	Vaj28 1800X	92.5-17.5	Arasa21 1800X	34.5-5.5
6 Stockfish 10 x64 1800X 3.6 GHz, 3520					
SF12NU 1800X	16.5-23.5	Dragon 1800X	17.5-22.5	Stock9 1800X	22-18
Ko131 1800X	22-18	Ko13 1800X	22.5-17.5	Ko14 1800X	23-17
Komo12 1800X	24.5-15.5	Stock9 Q6600	26-14	Komo12 Q6600	24.5-15.5
Ko132M 1800X	25-15	Stock8 Q6600	26.5-13.5	Ko13MC 1800X	23.5-16.5
Komo11 1800X	28.5-11.5	Booot6 1800X	30-10	Komo11 Q6600	30.5-9.5
Vaj28 1800X	33-7	Booot6 Q6600	32-8	Arasa21 1800X	35-5
Wasp4 1800X	33.5-6.5	Arasa21 Q6600	36-4	Was35 1800X	35-5
Wasp3 1800X	35-5				
7 Dragon Komodo 2 MCTS x64 1800X 3.6 GHz, 3503					
LC0 3060Ti	15-25	SF12NU 1800X	15.5-24.5	Stock8 1800X	23-17
Dra MC 1800X	24.5-15.5				
8 Stockfish 9 x64 1800X 3.6 GHz, 3480					
LC0 3060Ti	15-25	Stoc10 1800X	18-22	Ko131 1800X	20-20
Komo12 1800X	21.5-18.5	Stock9 Q6600	23.5-16.5	Stock8 1800X	21.5-18.5
Stock8 Q6600	26.5-13.5	Ko13MC 1800X	21.5-18.5	Komo11 1800X	25-15
Booot6 1800X	28-12	DShre13 1800X	27-13	Komo11 Q6600	28.5-11.5
Komo9.1 Q6600	34-8	Stockf6 Q6600	33-7	Vaj28 1800X	28.5-11.5
Komo7.0 Q6600	32.5-7.5	Was35 1800X	35-5	DHiar14 1800X	33-7
Wasp3 1800X	33.5-6.5	Wasp201 1800X	35-5	Spike14 Q6600	37-3
Baro343 1800X	37.5-2.5				

Table 1
(Continued)

9 Komodo 13.1 x64 1800X 3.6 GHz, 3468					
SF12NU 1800X	15-25	Stoc10 1800X	18-22	Stock9 1800X	20-20
Stock9 Q6600	22-18	Komo12 Q6600	22.5-17.5	Stock8 1800X	20-20
Stock8 Q6600	23.5-16.5	Komo11 1800X	22-18	Booot6 1800X	28.5-11.5
Komo11 Q6600	27.5-12.5	Booot6 Q6600	29-11	Arasa21 1800X	29.5-10.5
Was35 1800X	35.5-4.5	DHiar14 1800X	32.5-7.5		
10 Komodo 13.02 x64 1800X 3.6 GHz, 3461					
Stoc10 1800X	17.5-22.5	Komo12 1800X	20.5-19.5	Stock9 Q6600	22.5-17.5
Komo12 Q6600	22.5-17.5	Stock8 1800X	21-19	Stock8 Q6600	22-18
Ko13MC 1800X	22.5-17.5	Booot6 1800X	27-13	DShre13 1800X	26-14
Komo11 Q6600	24-16	Booot6 Q6600	29-11	Arasa21 Q6600	35.5-4.5
Was35 1800X	33-7	Wasp3 1800X	34-6	Wasp201 1800X	35-5
11 Komodo 14 x64 1800X 3.6 GHz, 3461					
LC0 3060Ti	13-27	SF12NU 1800X	12.5-27.5	Dragon 1800X	13.5-26.5
Stoc11 1800X	17-23	Stoc10 1800X	17-23	Stock8 1800X	20.5-19.5
Boo64 1800X	26-14	Booot6 1800X	24.5-15.5	Ped21 1800X	31-9
Wasp4 1800X	34-6				
12 Komodo 12.3 x64 1800X 3.6 GHz, 3451					
Stoc10 1800X	15.5-24.5	Stock9 1800X	18.5-21.5	Ko13 1800X	19.5-20.5
Stock9 Q6600	20-20	Stock8 1800X	22.5-17.5	Stock8 Q6600	20-20
Komo11 1800X	22-18	Booot6 1800X	24-16	DShre13 1800X	28-12
Komo11 Q6600	56.5-23.5	Komo9.1 Q6600	27-13	Booot6 Q6600	31-9
Arasa21 1800X	30.5-9.5	Was35 1800X	32.5-7.5	DHiar14 1800X	34.5-5.5
Wasp3 1800X	30.5-9.5	Wasp201 1800X	35-5	Baro343 1800X	36.5-3.5
13 Stockfish 9 x64 Q6600 2.4 GHz, 3443					
Stoc10 1800X	14-26	Stock9 1800X	16.5-23.5	Ko131 1800X	18-22
Ko13 1800X	17.5-22.5	Komo12 1800X	20-20	Komo12 Q6600	20-20
Ko13MC 1800X	22-18	Komo11 1800X	21.5-18.5	Booot6 1800X	26.5-13.5
Booot6 Q6600	29.5-10.5	Arasa21 1800X	31.5-8.5	Arasa21 Q6600	33-7
14 Komodo 12.3 x64 Q6600 2.4 GHz, 3431					
Stoc10 1800X	15.5-24.5	Ko131 1800X	17.5-22.5	Ko13 1800X	17.5-22.5
Stock9 Q6600	20-20	Ko13MC 1800X	20.5-19.5	Booot6 1800X	24.5-15.5
Ped3 Q6600	25-15	Was35 1800X	32.5-7.5	DRybka4 Q6600	34.5-5.5
Was35 Q6600	34.5-5.5				
15 Stockfish 8 x64 1800X 3.6 GHz, 3425					
Stoc11 1800X	20.5-39.5	Dra2MC 1800X	17-23	Stock9 1800X	18.5-21.5
Ko131 1800X	20-20	Ko13 1800X	19-21	Ko14 1800X	19.5-20.5
Komo12 1800X	17.5-22.5	Ko13MC 1800X	22.5-17.5	Komo11 1800X	21-19
Boo64 1800X	24-16	Booot6 1800X	23.5-16.5	Komo11 Q6600	26-16
Komo9.1 Q6600	26-14	Stockf6 Q6600	25.5-14.5	DShre13 Q6600	27-13
Vaj28 1800X	28-12	Arasa21 1800X	32.5-7.5	Komo7.0 Q6600	28.5-11.5
Komo5.1 Q6600	26.5-13.5	Was35 1800X	30.5-9.5	DHiar14 1800X	31.5-8.5
Wasp3 1800X	34.5-5.5	Stockf3 Q6600	35.5-4.5	Chiro3 Q6600	33-7
Wasp201 1800X	68-12	DjunYok Q6600	73.5-6.5	Naum 4 Q6600	37.5-2.5
Spike14 Q6600	35.5-4.5	Baro343 1800X	37-3	Zap!Mx2 Q6600	34-6
Wasp201 Q6600	38.5-3.5	Naum3.1 Q6600	53-3	Craf25 Q6600	37.5-2.5

Table 1
(Continued)

16 Dragon Komodo MCTS x64 1800X 3.6 GHz, 3420					
SF12NU 1800X	14.5-25.5	Dragon 1800X	16-24	Dra2MC 1800X	15.5-24.5
Ped3 1800X	20-20	Ped21 1800X	26.5-13.5	Arasa21 1800X	23-17
Wasp4 1800X	29.5-10.5				
17 Komodo 13.2.5 MCTS x64 1800X 3.6 GHz, 3417					
Stoc11 1800X	13-27	Stoc10 1800X	15-25	Vaj28 1800X	57.5-22.5
DHiar14 1800X	26-14				
18 Stockfish 8 x64 Q6600 2.4 GHz, 3409					
Stoc10 1800X	13.5-26.5	Stock9 1800X	13.5-26.5	Ko131 1800X	16.5-23.5
Ko13 1800X	18-22	Komo12 1800X	20-20	Booot6 1800X	27.5-12.5
Komo11 Q6600	21.5-18.5	Komo9.1 Q6600	28.5-11.5	Stockf6 Q6600	28.5-11.5
Wasp3 1800X	32.5-7.5	DjunYok Q6600	34-6	Hiarc14 A1200	34.5-5.5
Baro343 Q6600	37.5-2.5	Glaurung Q660	39-1		
19 Pedone 3 x64 1800X 3.6 GHz, 3399					
LC0 3060Ti	7-33	SF12NU 1800X	11-29	Dragon 1800X	12.5-27.5
Dra MC 1800X	20-20	Ped21 1800X	22-18	DHiar14 1800X	31.5-8.5
20 Komodo 13.02 MCTS x64 1800X 3.6 GHz, 3397					
Stoc10 1800X	16.5-23.5	Stock9 1800X	18.5-21.5	Ko13 1800X	17.5-22.5
Stock9 Q6600	18-22	Komo12 Q6600	19.5-20.5	Stock8 1800X	17.5-22.5
Booot6 1800X	24-16	Komo11 Q6600	20-20	Booot6 Q6600	23-17
Arasa21 1800X	28.5-11.5	Wasp3 1800X	31-9	Wasp201 1800X	32.5-7.5
Baro343 1800X	32-8				
21 Booot 6.4 x64 1800X 3.6 GHz, 3368					
Stoc13 1800X	6.5-33.5	Ko14 1800X	14-26	Stock8 1800X	16-24
Komo11 1800X	17.5-22.5	Booot6 1800X	43-37	Ped21 1800X	27.5-12.5
Wasp4 1800X	28.5-11.5	Wasp201 1800X	30-10		
22 Deep Shredder 13 x64 1800X 3.6 GHz, 3356					
Stock9 1800X	13-27	Ko13 1800X	14-26	Komo12 1800X	12-28
Komo11 1800X	16.5-23.5	Booot6 1800X	20-20	Komo11 Q6600	19.5-20.5
Komo9.1 Q6600	21-19	Stockf6 Q6600	23.5-16.5	DShre13 Q6600	23.5-16.5
Arasa21 1800X	24.5-15.5	Komo7.0 Q6600	26-14	DHiar14 1800X	25-15
Wasp3 1800X	25.5-14.5	Stockf3 Q6600	33.5-6.5	DHiar14 Q6600	31-9
Chiro3 Q6600	29.5-10.5	Wasp201 1800X	31-9	DJun133 Q6600	32.5-7.5
Spike14 Q6600	33.5-6.5	Hia13.2 Q6600	38.5-1.5	Baro343 1800X	35-5
Wasp201 Q6600	35.5-4.5				
23 Pedone 3 x64 Q6600 2.4 GHz, 3317					
Komo12 Q6600	15-25	DShre13 Q6600	17-23	Vaj28 Q6600	27-13
Ped21 Q6000	24-16	DShre11 Q6600	36.5-3.5		
24 Pedone 2.1 x64 1800X 3.6 GHz, 3305					
Stoc13 1800X	5-35	SF12NU 1800X	5-35	Ko14 1800X	9-31
Dra MC 1800X	13.5-26.5	Ped3 1800X	18-22	Boo64 1800X	12.5-27.5
Wasp201 1800X	27-13				
25 Vajolet2 2.8 x64 1800X 3.6 GHz, 3294					
Stoc11 1800X	17.5-92.5	Stoc10 1800X	7-33	Stock9 1800X	11.5-28.5
Stock8 1800X	12-28	Ko132M 1800X	22.5-57.5	Komo11 1800X	27.5-72.5

Table 1
(Continued)

Booot6 1800X	32-48	Was35 1800X	53.5-26.5	Wasp201 1800X	31-9
Baro343 1800X	33-7				
26 Arasan 21.2 x64 1800X 3.6 GHz, 3291					
LC0 3060Ti	7-33	Stoc13 1800X	5.5-34.5	Dragon 1800X	7-33
Stoc11 1800X	5.5-34.5	Stoc10 1800X	5-35	Ko131 1800X	10.5-29.5
Komo12 1800X	9.5-30.5	Stock9 Q6600	8.5-31.5	Stock8 1800X	7.5-32.5
Dra MC 1800X	17-23	Ko13MC 1800X	11.5-28.5	Komo11 1800X	13-27
Booot6 1800X	13.5-26.5	DShre13 1800X	15.5-24.5	Komo9.1 Q6600	17.5-22.5
Wasp4 1800X	21.5-18.5	Was35 1800X	24.5-15.5	Wasp3 1800X	26.5-13.5
Wasp201 1800X	28.5-11.5	Baro343 1800X	32.5-7.5		
27 Wasp 4 x64 1800X 3.6 GHz, 3265					
Stoc10 1800X	6.5-33.5	Ko14 1800X	6-34	Dra MC 1800X	10.5-29.5
Boo64 1800X	11.5-28.5	Booot6 1800X	15-25	Arasa21 1800X	18.5-21.5
DHiar14 1800X	25.5-14.5				
28 Pedone 2.1 x64 Q6600 2.4 GHz, 3222					
Ped3 Q6600	16-24	DShre13 Q6600	9.5-30.5	Wasp4 Q6600	24-16
Hia13.2 Q6600	28-12	Craf25 Q6600	33.5-6.5	DShre11 Q6600	30-10
29 Deep Hiarcs 14 1800X 3.6 GHz, 3218					
Stock9 1800X	7-33	Ko131 1800X	7.5-32.5	Komo12 1800X	5.5-34.5
Stock8 1800X	8.5-31.5	Ko132M 1800X	14-26	Ped3 1800X	8.5-31.5
Komo11 1800X	12-28	Booot6 1800X	10.5-29.5	DShre13 1800X	15-25
Komo11 Q6600	14-26	Komo9.1 Q6600	12.5-27.5	Stockf6 Q6600	9.5-30.5
DShre13 Q6600	11.5-28.5	Wasp4 1800X	14.5-25.5	Wasp3 1800X	20.5-19.5
Stockf3 Q6600	20-20	Wasp201 1800X	20.5-19.5	Naum 4 Q6600	25-15
DJun133 Q6600	26-14	Baro343 1800X	30-10	Wasp201 Q6600	30.5-9.5
30 Deep Rybka 4 x64 Q6600 2.4 GHz, 3198					
Komo12 Q6600	5.5-34.5	Komo11 1800X	9.5-30.5	Komo9.1 Q6600	8-32
Stockf6 Q6600	13.5-26.5	DShre13 Q6600	15-25	Vaj28 Q6600	15-25
Komo5.1 Q6600	19-23	Wasp4 Q6600	21-19	Stockf3 Q6600	21-19
DRybka3 Q6600	22-18	DHiar14 Q6600	15.5-24.5	Chiro3 Q6600	19-21
Was35 Q6600	21.5-18.5	Naum4.2 Q6600	24-16	DjunYok Q6600	29-11
DJun133 Q6600	23.5-16.5	Spike14 Q6600	30-10	DShre12 Q6600	31-17
Hiarc13 Q6600	26.5-15.5	DFrit13 Q6600	26.5-13.5	Hia13.2 Q6600	26-14
DFrit12 Q6600	29.5-12.5	DJuni12 Q6600	22.5-17.5	DFrit11 Q6600	29-11
Craf25 Q6600	32.5-7.5	DHiar12 Q6600	70-13	DShre11 Q6600	31-9
Jonny 4 Q6600	35.5-4.5	DFritz8 Q6600	46-3	Shr8 MP Q6600	40.5-3.5
Hiar111 A1200	40-4	DJunio8 Q6600	47.5-4.5	Fruit22 A1200	38.5-1.5
CT 2007 A1200	37.5-4.5				
31 Chiron 3.01 x64 Q6600 2.4 GHz, 3177					
Stock8 1800X	7-33	Komo11 1800X	7-33	DShre13 1800X	10.5-29.5
Komo9.1 Q6600	10.5-29.5	Stockf6 Q6600	6.5-33.5	DShre13 Q6600	13.5-26.5
Komo7.0 Q6600	14.5-29.5	Wasp3 1800X	17-23	DRybka4 Q6600	21-19
DHiar14 Q6600	22-18	Wasp201 1800X	23-17	Spike14 Q6600	26.5-15.5
Zap!Mx2 Q6600	26.5-15.5	Wasp201 Q6600	24.5-15.5	Naum3.1 Q6600	35.5-12.5
Craf25 Q6600	27.5-12.5				

Table 1
(Continued)

32 Naum 4.2 x64 Q6600 2.4 GHz, 3146					
DShre13 Q6600	13.5-26.5	Komo7.0 Q6600	7.5-34.5	Komo5.1 Q6600	16-24
Stockf3 Q6600	17-23	DRybka4 Q6600	16-24	DRybka3 Q6600	19.5-20.5
DHiar14 Q6600	18.5-25.5	DjunYok Q6600	25.5-16.5	DJun133 Q6600	55.5-36.5
Spike14 Q6600	25.5-23.5	DShre12 Q6600	24.5-15.5	Hiarc13 Q6600	22-18
DFrit13 Q6600	25.5-18.5	Hia13.2 Q6600	24-18	DFrit12 Q6600	25-15
DJuni12 Q6600	24-18	DFrit11 Q6600	25-15	DHiar12 Q6600	30.5-9.5
DShre11 Q6600	28.5-11.5	Hiar112 Q6600	28-12	DJun101 Q6600	26-14
Fritz11 A1200	34-8	DFritz8 Q6600	35-7	Shr8 MP Q6600	34-6
DJunio8 Q6600	33-7	King3.5 Q6600	37-5		
33 Deep Junior Yokohama x64 Q6600 2.4 GHz, 3125					
Stock8 1800X	6.5-73.5	Stock8 Q6600	6-34	Komo11 1800X	7.5-72.5
Komo9.1 Q6600	19-61	Stockf6 Q6600	10.5-29.5	DShre13 Q6600	9-31
Booot6 Q6600	12.5-27.5	Komo7.0 Q6600	12-28	Komo5.1 Q6600	10.5-29.5
DRybka4 Q6600	11-29	DHiar14 Q6600	21.5-18.5	Naum4.2 Q6600	16.5-25.5
Naum 4 Q6600	21-19	DJun133 Q6600	19-21	DShre12 Q6600	23.5-20.5
Craf25 Q6600	26-14	Arasa17 Q6600	29.5-12.5	Hiar112 Q6600	30-10
Arasa16 Q6600	24.5-15.5	Wasp201 A1200	32-8	Spike12 A1200	35.5-4.5
CT 2007 A1200	37.5-4.5				
34 Spike 1.4 Q6600 2.4 GHz, 3106					
Stock9 1800X	3-37	Stock8 1800X	4.5-35.5	Komo11 1800X	6-34
Booot6 1800X	7.5-32.5	DShre13 1800X	6.5-33.5	Komo9.1 Q6600	5.5-34.5
Stockf6 Q6600	9-31	DShre13 Q6600	9-31	Komo5.1 Q6600	7-33
Wasp3 1800X	13-27	Wasp4 Q6600	16-24	Stockf3 Q6600	14-26
DRybka4 Q6600	10-30	DRybka3 Q6600	17-27	DHiar14 Q6600	12-30
Chiro3 Q6600	15.5-26.5	Was35 Q6600	13.5-26.5	Wasp201 1800X	14.5-25.5
Naum4.2 Q6600	23.5-25.5	Naum 4 Q6600	21-23	DJun133 Q6600	19.5-20.5
DShre12 Q6600	17.5-24.5	Hiarc13 Q6600	24.5-17.5	DFrit13 Q6600	23-17
Hia13.2 Q6600	26-14	DFrit12 Q6600	21.5-22.5	Baro343 1800X	21-19
DJuni12 Q6600	24-16	Zap!Mx2 Q6600	20.5-19.5	DFrit11 Q6600	23.5-18.5
Naum3.1 Q6600	23.5-16.5	Craf25 Q6600	24.5-15.5	DHiar12 Q6600	28-12
DShre11 Q6600	30.5-11.5	Arasa17 Q6600	28.5-11.5	Glaurung Q660	30-14
Hiar112 Q6600	27-15	DJun101 Q6600	26.5-13.5	Wasp201 A1200	29.5-10.5
Fritz11 A1200	32.5-15.5	Jonny 4 Q6600	31.5-8.5	DFritz8 Q6600	34.5-5.5
Shr8 MP Q6600	71-13	Hiar111 A1200	37-7	DJunio8 Q6600	31-11
King3.5 Q6600	34.5-5.5	Spike12 A1200	39-7	CT 2007 A1200	41-7
35 Hiarcs 14 Athlon 1.2 GHz, 3099					
Stock8 Q6600	5.5-34.5	Komo9.1 Q6600	7-33	Stockf6 Q6600	9.5-30.5
Booot6 Q6600	7-33	Stockf3 Q6600	17-23	Hia13.2 Q6600	19.5-20.5
Baro343 Q6600	22.5-17.5	Arasa17 Q6600	24-16	Fritz13 A1200	27.5-12.5
Arasa16 Q6600	27.5-12.5	Fritz12 A1200	32.5-7.5	Zap!Zan A1200	34-6
Zap!Che A1200	37-3	DpFritz A1200	37.5-2.5		
36 Deep Fritz 13 Q6600 2.4 GHz, 3097					
Komo7.0 Q6600	9-31	Komo5.1 Q6600	13.5-26.5	Stockf3 Q6600	15.5-24.5
DRybka4 Q6600	13.5-26.5	DHiar14 Q6600	12-28	Naum4.2 Q6600	18.5-25.5
Naum 4 Q6600	25.5-16.5	DJun133 Q6600	17.5-22.5	Spike14 Q6600	17-23
DShre12 Q6600	20.5-19.5	Hiarc13 Q6600	20.5-19.5	Hia13.2 Q6600	20-20

Table 1
(Continued)

DFrit12 Q6600	17.5-22.5	DJuni12 Q6600	22.5-17.5	Arasa17 Q6600	25-15
Jonny 4 Q6600	36-4	DFritz8 Q6600	28.5-16.5	DJunio8 Q6600	74-11
CT 2007 A1200	45.5-4.5				
37 Revelation 2 Hiarcs 14.1 PXA320 800 MHz. 2925					
DJuni12 Q6600	7-13	Glaurung Q660	7-13	Fritz13 A1200	6-14
Jonny 4 Q6600	6-14	DFritz8 Q6600	9.5-10.5	Shr8 MP Q6600	12.5-7.5
DJunio8 Q6600	13.5-6.5	King3.5 Q6600	10.5-9.5	Zap!Zan A1200	15.5-4.5
PF4 Naum 4.2	16-4	DpFritz A1200	7-1	P Shredder	17.5-2.5
38 Chessmaster King 3.5 x64 Q6600 2.4 GHz, 2860					
Naum4.2 Q6600	5-37	DJun133 Q6600	8-32	Spike14 Q6600	5.5-34.5
DShre12 Q6600	3.5-36.5	Hiarc13 Q6600	7-33	DFrit12 Q6600	7.5-32.5
Baro343 1800X	5-35	DFrit11 Q6600	7-33	Naum3.1 Q6600	7.5-32.5
Craf25 Q6600	7.5-32.5	DHiar12 Q6600	8.5-31.5	Arasa17 Q6600	17-23
Glaurung Q660	13-27	Naum 4 A1200	15-25	Hiar112 Q6600	10.5-35.5
Shred12 A1200	14-26	DJun101 Q6600	17-23	Wasp201 A1200	18-22
Reve2 Hia14	9.5-10.5	DFritz8 Q6600	17-23	DShre11 A1200	24.5-15.5
Shr8 MP Q6600	16-24	DJunio8 Q6600	22-22	PF4 Naum 4.2	12.5-7.5
39 Revelation Hiarcs 13.3 PXA255 500 MHz. 2771					
Zap!Zan A1200	6.5-13.5	PF4 Naum 4.2	10.5-9.5	PDeo186 A1200	8.5-11.5
P Shredder	11.5-8.5	DpFritz7 K6-2	14.5-5.5	HiarcPalm13.1	12-8
Junior6 K6450	17-3	PF4 Craft 23	19-1	MCP 8 P200MMX	16.5-0.5
40 Revelation Shredder 12 PXA255 500 MHz. 2705					
PF4 Hiarc 13	8-12	GT2.0 A1200	7.5-12.5	P Shredder	8-12
DpFritz7 K6-2	10.5-9.5	CEBoard Fruit	13.5-6.5	HiarcPalm12.1	13-7
PF3 Glaurung2	17.5-2.5				
41 Revelation Rybka 2.2 PXA255 500 MHz. 2633					
Hiarcs9 A1200	9.5-10.5	Pock Fritz 3H	6-14	DpFritz7 K6-2	8-12
CEBoard Fruit	6.5-13.5	Junior7 K6450	11-9	PF3 Glaurung2	14-6
MTK Ex	14.5-5.5	PocketFritz2	14-6	Resurre Rybka	13.5-6.5
Gen6.5 K6-450	14.5-5.5	Resurre Fruit	15-5	Hiarcs 9.5a	17.5-2.5
CEBoard Craft	18.5-1.5				
42 Revelation Deep Sjeng 3 PXA255 500 MHz. 2598					
PF4 Naum 4.2	4.5-15.5	PF4 Hiarc 13	6-14	Pock Fritz 3H	8-12
P Shredder	8-12	MTK Ex	12-8	PF4 Craft 23	10.5-9.5
43 Millennium The King Exclusive 300 MHz. 2524					
Pock Fritz 3H	5.5-14.5	Revelat Rybka	5.5-14.5	Revelat DSj3	8-12
Hiar732 K6450	2-2	PF3 Glaurung2	7.5-12.5	PF4 Craft 23	12.5-7.5
ChGen3 ZTE	14-6	MCG Ex	17.5-2.5	PTiger09 Tung	17-3
44 Revelation Ruffian 2.1 PXA255 500 MHz. 2347					
Pock Fritz 3H	2-18	ChGen3 ZTE	7.5-12.5	CEBoard Craft	10-10
PTiger09 Tung	10.5-9.5	MCG Pro	14.5-5.5		
45 Millennium ChessGenius Excl. M7 300 MHz. 2249					
MTK Ex	2.5-17.5	Rebel 9.0 P90	6.5-13.5	Nimzo 3.0 P90	8-12
PTiger09 Tung	12-8	MCG Pro	13-7	London 68020	14.5-5.5
MCG	15-5	Star Sapphire	15.5-4.5	Meph. MM 5	19.5-0.5

Table 1
(Continued)

46 Mephisto London 68030 33 MHz. 2194					
Nimzo 8 K6450	4-16	Resurre Rybka	4-16	Rebel 9 P200X	4.5-15.5
MCP 8 P200MMX	2.5-17.5	Hiarcs 9.5a	4-16	CEBoard Craft	6.5-13.5
WChe2 P200MMX	5-15	R30 v. 2.5	8.5-11.5	PTiger09 Tung	6.5-13.5
Rebel7 486/66	9-11	CM30 Schr 3.1	8-12	Fritz3 486/66	8-12
CGenius14 SX1	11-9	ChGen1 486/33	12-8	Berlin Pro	8.5-5.5
Meph. RISC	2.5-0.5	Montreux	9-11	RISC 2500	12-8
Atlanta	15-5	Fritz2 486/33	15.5-4.5	Star Sapphire	16.5-3.5
Sapphire	14.5-5.5	Mach IV 68020	17.5-2.5	Brute Force	16.5-3.5
President	5-0	Meph. MM 5	17-3		
47 Millennium ChessGenius Pro M4 120 MHz. 2163					
Revelat Ruf	5.5-14.5	MCG Ex	7-13	MCG	13-7
Star Sapphire	12.5-7.5	London 68000	13.5-6.5	Milano Pro	15.5-4.5
Nigel Short	15.5-4.5	Diablo 68000	19-1		
48 Mephisto London 68020 12 MHz. 2103					
MCG Ex	5.5-14.5	MCG	12-8	Star Sapphire	13.5-6.5
Sapphire II	1.5-2.5	Diablo 68000	9-2	Polgar 5 MHz	17-3
Rebell 5 MHz	18-2				
49 Millennium ChessGenius ARM M4 48 MHz. 2070					
MCG Ex	5-15	MCG Pro	7-13	London 68020	8-12
Montreux	8-12	Atlanta	10-10	Star Sapphire	13-7
London 68000	10-10	Milano Pro	14.5-5.5	Almeria 68020	13.5-6.5
Nigel Short	12-8	Academy 5 MHz	16-4	Meph. Mega IV	9.5-1.5
Mephisto MM 4	18.5-1.5				
50 Mephisto London 68000 12 MHz. 2005					
MCG Pro	6.5-13.5	MCG	10-10	Star Sapphire	6.5-13.5
Milano Pro	12.5-7.5	Nigel Short	13-7	Meph. Milano	14-6
Mephisto MM 4	12-8				