№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms
		″			″			″			″			″			″
1	117*01–20	0.51	81	53*64–20	0.24	161	45*99–20	0.26	241	81*84–20	0.30	321	53*93–20	0.25	401	50*95–20	0.25
2	114*04–20	0.49	82	74*64–20	0.36	162	54 02–19	0.23	242	47*85–20	0.21	322	51*91–20	0.24	402	57*95–20	0.20
3	111*04–20	0.51	83	64*65–20	0.27	163	55*92–19	0.25	243	58*85–20	0.25	323	37*91–19	0.18	403	66*95–20	0.24
4	104*21–20	0.52	84	51*65–20	0.29	164	37*97–20	0.17	244	44*85–20	0.32	324	70*92–20	0.32	404	42*99–20	0.23
5	81*45–20	0.43	85	67*65–20	0.31	165	72*76–20	0.50	245	59*85–20	0.25	325	55*98–20	0.27	405	52*99–20	0.26
6	93*48–20	0.41	86	61*71–20	0.26	166	40*85–20	0.21	246	46*85–20	0.20	326	42*93–19	0.25	406	51 03–19	0.29
7	88*48–20	0.48	87	67*94–20	0.19	167	52*84–20	0.25	247	60*85–20	0.31	327	42*92–20	0.23	407	51*99–20	0.26
8	88*47–20	0.52	88	72*66–20	0.33	168	69*80–20	0.22	248	47*85–20	0.21	328	49 11–20	0.44	408	58*95–20	0.19
9	77*49–20	0.43	89	63*66–20	0.39	169	46*85–20	0.21	249	37*85–20	0.22	329	46*93–20	0.21	409	72*95–20	0.32
10	93*49–20	0.44	90	78*66–20	0.25	170	43*99–20	0.17	250	59*85–20	0.22	330	30 10–20	0.31	410	55 06–19	0.25
11	96*50–19	0.46	91	71*66–20	0.33	171	65*94–20	0.27	251	42*85–20	0.23	331	56*92–20	0.36	411	43*96–20	0.20
12	77*50–20	0.46	92	79*71–20	0.33	172	60*82–20	0.24	252	50*85–20	0.23	332	62*92–20	0.25	412	47*98–20	0.22
13	71*50–20	0.50	93	65*70–20	0.29	173	73*79–20	0.26	253	41*85–20	0.25	333	63*92–20	0.27	413	35 17–20	0.20
14	77*51–20	0.60	94	64*72–20	0.26	174	53*77–20	0.21	254	40*86–20	0.25	334	79*92–20	0.28	414	47 07–20	0.23
15	79*51–20	0.38	95	63*72–20	0.23	175	63*77–20	0.28	255	55*86–20	0.24	335	63*92–20	0.28	415	49*99–20	0.29
16	86*52–19	0.40	96	51*68–19	0.21	176	53*77–20	0.20	256	44*86–20	0.21	336	51*92–20	0.25	416	51*96–20	0.25
17	98*52–20	0.54	97	63*70–20	0.22	177	51 00–19	0.27	257	57*86–20	0.27	337	57*92–20	0.29	417	53 02–20	0.24
18	78*52–19	0.45	98	50*70–19	0.19	178	58*85–20	0.28	258	64*86–20	0.31	338	63*92–20	0.28	418	43 05–20	0.20
19	90*52–20	0.42	99	44 15–20	0.22	179	53*99–19	0.21	259	52*98–20	0.23	339	47*92–20	0.18	419	67*99–20	0.30
20	85*53–20	0.35	100	78*71–20	0.25	180	52 19–19	0.28	260	53 06–20	0.26	340	52*92–20	0.25	420	58 00–20	0.20
21	75*66–20	0.20	101	55*71–20	0.24	181	54*92–19	0.17	261	56 09–20	0.25	341	38 02–20	0.26	421	39 04–20	0.31
22	79*54–20	0.27	102	58*70–20	0.25	182	53 04–20	0.30	262	38*90–20	0.24	342	41 00–20	0.21	422	47 06–20	0.25
23	61*56–20	0.26	103	73*71–20	0.32	183	39 06–20	0.17	263	55*98–20	0.27	343	38*92–20	0.26	423	65*99–20	0.23
24	83*53–20	0.30	104	69*85–20	0.27	184	63*92–20	0.26	264	51*93–20	0.21	344	45*92–20	0.27	424	45*98–19	0.21
25	70*60–20	0.34	105	54 04–20	0.23	185	70*84–20	0.29	265	29*99–19	0.30	345	64*92–20	0.29	425	47 00–20	0.23
26	72*61–20	0.29	106	70*71–20	0.24	186	42*83–20	0.22	266	50*91–19	0.20	346	63*92–20	0.29	426	52 02–19	0.22
27	74*53–20	0.39	107	68*68–20	0.19	187	52 02–20	0.22	267	42 07–20	0.21	347	54*92–20	0.24	427	54 05–20	0.38
28	94*56–20	0.33	108	77*80–20	0.27	188	43 15–20	0.19	268	54 06–20	0.26	348	61*92–20	0.23	428	42*98–19	0.44
29	90*55–20	0.41	109	57*69–19	0.26	189	52*80–19	0.26	269	52*90–20	0.23	349	79*92–20	0.39	429	45 01–20	0.27
30	75*60–20	0.26	110	67*70–20	0.26	190	64*94–20	0.26	270	61*97–20	0.26	350	44*92–20	0.19	430	31 35–20	0.24
31	62*60–20	0.32	111	59*70–20	0.32	191	53*85–20	0.24	271	54 03–20	0.29	351	50*93–20	0.23	431	62 02–20	0.26
32	74*64–19	0.47	112	54*70–20	0.24	192	66*79–20	0.29	272	50 18–19	0.33	352	50*93–20	0.23	432	51 00–20	0.26
33	68*56–20	0.31	113	75*71–20	0.31	193	43 15–20	0.52	273	38 10–20	0.18	353	35*93–20	0.23	433	48*98–19	0.54
34	67*64–19	0.25	114	63 02–20	0.24	194	66*79–19	0.28	274	59*93–20	0.26	354	81*93–20	0.46	434	40*98–20	0.26
35	63*60–20	0.24	115	65*72–20	0.29	195	55*84–20	0.24	275	55*91–20	0.25	355	50*93–20	0.25	435	58*98–20	0.30
36	50*55–20	0.26	116	62*72–20	0.30	196	77*79–20	0.31	276	51*99–20	0.23	356	56*93–20	0.24	436	44*98–20	0.25
37	81*55–20	0.42	117	60*92–20	0.21	197	70*79–20	0.27	277	48*99–20	0.24	357	51 10–20	0.19	437	33*98–19	0.22
38	59*56–20	0.22	118	56*72–20	0.27	198	54*98–20	0.23	278	49*90–20	0.21	358	56*98–20	0.25	438	54*98–20	0.26
39	88*56–20	0.45	119	67*72–20	0.27	199	43*79–20	0.22	279	63*90–20	0.25	359	45 02–20	0.24	439	40*98–19	0.22
40	71*64–20	0.39	120	63*72–20	0.26	200	59*79–19	0.50	280	38*90–20	0.28	360	57 04–20	0.21	440	38*98–20	0.27
41	63*66–20	0.30	121	66*72–20	0.19	201	59*79–19	0.28	281	36*90–20	0.24	361	49 01–20	0.18	441	56*98–19	0.21
42	73*56–20	0.31	122	73*72–20	0.29	202	64*79–20	0.28	282	41*98–19	0.25	362	61*99–20	0.27	442	52*92–20	0.24
43	73*64–20	0.43	123	52*72–20	0.22	203	64*79–20	0.22	283	55*94–20	0.22	363	59*91–20	0.22	443	53*99–20	0.26
44	78*64–20	0.32	124	69*72–20	0.35	204	53*79–20	0.21	284	46*93–20	0.26	364	56 00–20	0.26	444	68*99–20	0.29
45	72*66–20	0.26	125	66*72–20	0.27	205	51*79–20	0.20	285	29 11–19	0.27	365	48*98–20	0.21	445	43*99–20	0.20
46	77*64–20	0.31	126	62*72–20	0.36	206	58*79–20	0.28	286	41*98–20	0.17	366	55*98–20	0.23	446	48*99–19	0.46
47	72*60–20	0.31	127	53 17–20	0.25	207	53*82–20	0.25	287	67*96–20	0.27	367	46 06–19	0.29	447	63*94–20	0.23
48	87*60–20	0.38	128	68*72–20	0.29	208	64 01–20	0.27	288	65*91–20	0.36	368	44 05–20	0.24	448	42*99–20	0.26
49	73*63–20	0.30	129	68 03–20	0.26	209	64*79–20	0.23	289	53 02–20	0.23	369	47*93–20	0.26	449	53*99–20	0.31
50	65*57–20	0.31	130	60*93–20	0.21	210	52*85–20	0.25	290	28 15–20	0.39	370	41 04–20	0.24	450	37*99–20	0.24
51	80*63–20	0.45	131	53*73–20	0.21	211	66*80–20	0.27	291	45*91–20	0.25	371	52*93–19	0.24	451	77*99–20	0.33
52	83*60–20	0.35	132	39 32–20	0.18	212	70*80–20	0.25	292	43*91–19	0.40	372	60*95–20	0.26	452	32*99–20	0.30
53	66*66–20	0.27	133	59*73–20	0.20	213	59*80–20	0.26	293	34 09–20	0.18	373	46 04–20	0.23	453	39 00–20	0.27
54	61*63–20	0.26	134	63*77–20	0.27	214	60*80–20	0.31	294	45 06–20	0.23	374	53 03–20	0.22	454	55 00–20	0.31
55	62*63–20	0.25	135	68*85–20	0.35	215	56 05–20	0.24	295	46*99–20	0.24	375	54*93–20	0.41	455	54 00–20	0.24
56	63*65–20	0.31	136	54*77–20	0.24	216	75*80–20	0.28	296	40 17–20	0.37	376	47*99–20	0.24	456	48 00–20	0.24
57	86*59–20	0.35	137	52*92–20	0.21	217	46*85–20	0.24	297	54 00–20	0.47	377	56*93–20	0.30	457	28 00–19	0.25
58	69*64–20	0.26	138	55 05–20	0.29	218	46*93–20	0.18	298	43*92–20	0.27	378	44 00–20	0.21	458	39 00–20	0.18
59	73*69–20	0.29	139	60*95–20	0.26	219	46*98–20	0.20	299	35 32–20	0.24	379	72*94–19	0.39	459	39 00–20	0.22
60	62*61–20	0.22	140	59*77–20	0.28	220	35 31–20	0.24	300	62 00–20	0.27	380	56*94–20	0.24	460	49 00–20	0.29
61	65*65–20	0.48	141	53*77–20	0.27	221	70*85–20	0.27	301	53*91–19	0.29	381	56*94–20	0.21	461	49 00–20	0.39
62	73 06–20	0.32	142	48*98–19	0.26	222	60*99–20	0.29	302	51*92–20	0.31	382	53*94–20	0.20	462	58 00–20	0.23
63	70*61–20	0.36	143	45*80–20	0.19	223	53*90–20	0.30	303	62*91–20	0.42	383	59*94–20	0.30	463	31 00–20	0.24
64	74*61–20	0.36	144	64 00–20	0.25	224	58*99–20	0.25	304	38*91–20	0.21	384	55*99–20	0.26	464	39 01–20	0.18
65	86*61–20	0.26	145	56*85–20	0.25	225	50*95–20	0.23	305	57*92–20	0.26	385	64*94–20	0.35	465	45 01–20	0.19
66	61*61–20	0.25	146	64*85–20	0.25	226	43*82–20	0.20	306	63*91–20	0.37	386	65*94–19	0.24	466	42 01–20	0.20
67	60*64–19	0.31	147	67*84–20	0.25	227	48 08–20	0.21	307	50*91–20	0.25	387	59*94–20	0.20	467	38 01–19	0.42
68	81*61–20	0.33	148	71*79–20	0.41	228	37*92–20	0.29	308	68*91–20	0.22	388	56*94–20	0.29	468	54 01–20	0.27
69	72*61–20	0.20	149	49*91–20	0.26	229	63*85–20	0.28	309	46*91–20	0.28	389	74*94–20	0.33	469	47 07–20	0.22
70	63*66–20	0.25	150	62*99–20	0.28	230	70*82–20	0.35	310	57 20–20	0.27	390	45*94–20	0.27	470	45 01–20	0.21
71	57*64–20	0.26	151	45*85–20	0.26	231	51*85–20	0.23	311	62 02–20	0.26	391	44*94–20	0.25	471	67 01–20	0.27
72	60*65–20	0.26	152	51 05–20	0.22	232	44 13–20	0.26	312	42*91–20	0.20	392	42*94–20	0.22	472	50 01–20	0.20
73	54*64–20	0.25	153	70*95–20	0.25	233	61*97–20	0.21	313	65*93–20	0.33	393	50 03–20	0.26	473	25 01–20	0.35
74	59*64–19	0.26	154	58*85–20	0.23	234	53*85–19	0.15	314	44*91–19	0.27	394	49*94–20	0.23	474	45 01–20	0.24
75	61*64–20	0.31	155	32*75–20	0.25	235	50*85–20	0.21	315	35 28–20	0.34	395	46 03–20	0.27	475	31 18–20	0.27
76	77*64–20	0.30	156	57 04–20	0.21	236	63*84–20	0.26	316	54*91–20	0.29	396	50 25–20	0.29	476	56 01–20	0.19
77	62*79–20	0.25	157	40 04–19	0.24	237	55*84–20	0.22	317	62*91–20	0.28	397	47*98–20	0.23	477	46 01–20	0.24
78	72*63–20	0.42	158	51*93–19	0.25	238	62*92–20	0.24	318	50*91–20	0.25	398	44*94–20	0.24	478	56 01–20	0.24
79	77*63–19	0.36	159	63 04–20	0.23	239	46*84–20	0.24	319	41*91–20	0.23	399	50*95–20	0.29	479	49 01–20	0.21
80	70*65–20	0.40	160	58*97–20	0.26	240	61*84–20	0.29	320	43 07–20	0.28	400	39*95–20	0.28	480	53 01–20	0.27

* Lower boundary refers to 19th century

№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms
		″			″			″			″			″			″
481	53 05–20	0.21	561	40 05–20	0.37	641	38 07–19	0.29	721	50 11–20	0.24	801	35 15–20	0.28	881	31 17–20	0.26
482	42 04–20	0.19	562	43 05–20	0.20	642	45 07–20	0.34	722	39 12–19	0.28	802	29 15–20	0.32	882	35 17–20	0.24
483	53 02–20	0.19	563	50 07–20	0.22	643	38 07–20	0.19	723	48 03–20	0.24	803	44 15–20	0.23	883	33 17–20	0.35
484	46 02–20	0.20	564	36 14–19	0.22	644	47 07–20	0.31	724	27 11–20	0.38	804	52 07–20	0.23	884	54 17–20	0.24
485	58 04–20	0.30	565	37 05–20	0.21	645	49 07–20	0.32	725	42 15–20	0.28	805	41 15–20	0.21	885	48 06–20	0.31
486	43 02–20	0.21	566	62 05–20	0.22	646	28 07–20	0.28	726	34 31–20	0.16	806	39 15–20	0.23	886	38 10–20	0.18
487	58 02–20	0.23	567	49 07–20	0.21	647	32 07–20	0.26	727	36 13–20	0.18	807	36 15–20	0.20	887	34 18–19	0.67
488	61 01–20	0.25	568	47 07–20	0.21	648	43 07–20	0.21	728	31 12–20	0.34	808	50 01–20	0.27	888	37 06–20	0.20
489	47 02–19	0.18	569	50 09–20	0.25	649	30 07–20	0.30	729	33 37–20	0.16	809	34 15–20	0.30	889	33 18–19	0.24
490	61 02–20	0.22	570	64 05–19	0.26	650	34 07–20	0.39	730	24 12–20	0.38	810	40 15–20	0.31	890	38 20–19	0.27
491	56 02–20	0.23	571	35 05–20	0.28	651	39 05–20	0.19	731	41 16–20	0.23	811	47 15–20	0.29	891	34 18–20	0.20
492	52 02–20	0.25	572	43 05–20	0.24	652	32 09–20	0.21	732	42 13–20	0.22	812	33 15–20	0.24	892	40 18–20	0.19
493	30 02–20	0.23	573	51 05–20	0.46	653	46*93–20	0.23	733	39 09–20	0.22	813	36 07–20	0.26	893	45 18–20	0.21
494	61 02–20	0.24	574	37 05–20	0.31	654	58 08–20	0.27	734	46 20–20	0.24	814	34 16–20	0.18	894	45 07–20	0.19
495	41 02–20	0.29	575	34 05–20	0.24	655	50 07–20	0.24	735	38 12–20	0.20	815	33 16–20	0.23	895	43 06–20	0.18
496	40 02–20	0.27	576	42 05–20	0.19	656	54 08–20	0.29	736	43 12–19	0.29	816	34 26–20	0.21	896	36 18–20	0.32
497	53 02–20	0.25	577	52 05–20	0.24	657	45 08–19	0.22	737	50 15–20	0.23	817	38 16–20	0.24	897	42 18–19	0.21
498	56 04–20	0.24	578	54 05–20	0.25	658	52 06–20	0.26	738	55 13–20	0.25	818	45 17–20	0.20	898	35 18–20	0.27
499	50 02–20	0.28	579	63 07–20	0.24	659	58 08–20	0.30	739	45 18–20	0.19	819	38 04–20	0.25	899	37 18–20	0.18
500	46 03–19	0.18	580	46 05–19	0.31	660	46 09–20	0.20	740	47 13–20	0.21	820	46 35–20	0.27	900	34 18–20	0.24
501	46 03–20	0.21	581	36 07–20	0.21	661	49 18–20	0.40	741	46 09–20	0.22	821	41 16–20	0.34	901	39 05–20	0.24
502	35 03–20	0.22	582	43 06–20	0.24	662	43 09–20	0.26	742	48 13–20	0.22	822	44 16–20	0.30	902	31 18–20	0.33
503	57 03–20	0.27	583	49 07–20	0.22	663	45 08–20	0.21	743	47 13–20	0.22	823	40 16–19	0.26	903	37 18–20	0.22
504	50 03–20	0.21	584	50 06–20	0.21	664	41 08–20	0.24	744	41 13–20	0.24	824	45 13–20	0.26	904	40 18–20	0.29
505	55 04–20	0.21	585	47 06–20	0.25	665	48 06–20	0.20	745	41 13–20	0.30	825	51 16–20	0.28	905	43 18–20	0.24
506	37 26–20	0.17	586	59 06–20	0.30	666	37 08–20	0.26	746	37 15–20	0.20	826	35 21–19	0.33	906	51 18–20	0.23
507	52 06–20	0.21	587	30 06–20	0.22	667	40 08–20	0.20	747	58 13–20	0.20	827	30 16–20	0.36	907	37 01–20	0.40
508	48 08–20	0.19	588	54 06–20	0.31	668	33 08–20	0.34	748	57 20–20	0.28	828	46 05–20	0.23	908	38 18–20	0.21
509	58 03–20	0.19	589	48 06–20	0.21	669	39 06–20	0.21	749	41 13–20	0.25	829	39 14–19	0.27	909	46 20–20	0.18
510	44 03–20	0.21	590	32 06–20	0.18	670	50 07–20	0.21	750	41 13–20	0.30	830	45 16–20	0.25	910	51 19–20	0.28
511	83 03–20	0.31	591	37 06–20	0.20	671	43 14–20	0.23	751	45 13–20	0.21	831	27 71–20	0.29	911	56 19–20	0.24
512	38 09–20	0.25	592	45 09–20	0.25	672	37 07–20	0.26	752	40 20–20	0.22	832	39 21–20	0.28	912	41 30–20	0.45
513	46 03–20	0.22	593	44 06–20	0.20	673	49 08–20	0.21	753	42 07–20	0.26	833	34 24–20	0.33	913	35 09–20	0.28
514	68 03–20	0.30	594	33 06–20	0.27	674	58 01–20	0.32	754	51 01–19	0.20	834	54 05–20	0.24	914	43 31–20	0.20
515	44 03–20	0.31	595	44 16–20	0.17	675	53 17–20	0.23	755	49 15–20	0.25	835	35 16–20	0.34	915	35 18–20	0.28
516	53 03–20	0.24	596	41 08–20	0.17	676	37 09–20	0.21	756	38 14–20	0.20	836	28 03–19	0.33	916	31 24–20	0.23
517	57 03–20	0.30	597	39 16–20	0.21	677	44 06–20	0.18	757	43 15–20	0.23	837	37 16–20	0.27	917	45 26–20	0.24
518	42 03–20	0.31	598	48 07–20	0.18	678	40 13–20	0.23	758	61 22–20	0.26	838	40 16–20	0.22	918	40 19–20	0.24
519	49 03–20	0.22	599	49 06–20	0.22	679	45 09–19	0.19	759	32 13–20	0.19	839	30 20–20	0.18	919	41 18–20	0.27
520	35 03–20	0.24	600	43 06–19	0.25	680	40 09–20	0.22	760	47 13–19	0.21	840	36 16–20	0.25	920	39 19–20	0.26
521	50 04–20	0.22	601	37 06–20	0.21	681	36 32–19	0.28	761	47 04–19	0.30	841	35 30–20	0.32	921	39 19–20	0.21
522	60 01–20	0.25	602	51 09–20	0.24	682	30 09–20	0.31	762	44 16–20	0.18	842	38 16–19	0.46	922	38 06–20	0.34
523	45 04–20	0.30	603	29 06–20	0.25	683	43 14–19	0.19	763	33 13–20	0.26	843	24 16–20	0.44	923	32 19–20	0.27
524	48 04–20	0.22	604	54 11–20	0.22	684	38 09–20	0.28	764	48 02–20	0.36	844	41 02–20	0.19	924	50 06–19	0.27
525	36 08–20	0.30	605	40 06–19	0.39	685	33 23–19	0.32	765	37 17–20	0.32	845	44 16–20	0.22	925	49 02–19	0.57
526	58 04–20	0.29	606	39 06–20	0.21	686	37 09–20	0.18	766	41 08–20	0.23	846	49 16–20	0.26	926	33 20–20	0.29
527	43 04–20	0.23	607	42 06–20	0.20	687	32 09–20	0.26	767	50 15–20	0.26	847	50 06–20	0.28	927	39 20–20	0.19
528	50 04–20	0.23	608	37 06–20	0.23	688	38 13–19	0.23	768	37 30–20	0.22	848	44 05–20	0.35	928	40 20–20	0.20
529	48 04–20	0.25	609	49 06–19	0.29	689	33 41–20	0.29	769	49 14–20	0.23	849	54 19–20	0.23	929	40 20–20	0.27
530	57 04–20	0.23	610	26 06–19	0.58	690	49 15–20	0.25	770	44 03–20	0.27	850	37 17–20	0.21	930	35 20–19	0.34
531	27 04–20	0.31	611	37 01–20	0.21	691	43 14–20	0.17	771	42 13–20	0.22	851	43 19–20	0.28	931	40 04–20	0.20
532	79 04–20	0.42	612	31 06–20	0.23	692	43 01–20	0.20	772	46 02–20	0.18	852	35 23–20	0.20	932	42 20–20	0.24
533	56 01–20	0.27	613	44 01–20	0.25	693	40 09–20	0.26	773	40 14–20	0.18	853	37 20–20	0.24	933	37 27–19	0.35
534	50 04–20	0.22	614	44 06–20	0.30	694	47 09–20	0.21	774	54 08–20	0.21	854	35 42–20	0.27	934	37 20–20	0.23
535	58 04–20	0.26	615	52 02–20	0.25	695	46 13–20	0.19	775	36 17–20	0.22	855	34 16–20	0.26	935	27 20–20	0.35
536	51 04–20	0.20	616	38 06–20	0.41	696	45 16–20	0.22	776	51 14–20	0.17	856	34 31–19	0.25	936	48 20–20	0.28
537	48 02–20	0.18	617	59 06–20	0.20	697	48 10–20	0.21	777	35 24–20	0.22	857	42 20–20	0.26	937	37 16–20	0.27
538	54 04–20	0.22	618	48 06–19	0.18	698	35 08–20	0.27	778	40 23–19	0.23	858	44 08–20	0.24	938	43 20–20	0.35
539	49 04–20	0.24	619	46 06–20	0.21	699	35 02–20	0.32	779	51 12–20	0.19	859	37 16–19	0.23	939	36 20–20	0.21
540	48 04–20	0.26	620	37 31–19	0.31	700	40 10–20	0.28	780	39 09–20	0.19	860	38 03–20	0.19	940	48 20–20	0.28
541	48 04–20	0.25	621	44 06–20	0.32	701	51 06–20	0.22	781	39 28–20	0.19	861	47 06–20	0.23	941	32 20–20	0.30
542	43 04–20	0.19	622	44 06–20	0.23	702	48 10–20	0.21	782	42 14–20	0.23	862	36 03–20	0.17	942	35 20–20	0.30
543	55 04–20	0.20	623	35 09–20	0.20	703	39 10–20	0.31	783	38 11–20	0.25	863	36 17–20	0.16	943	39 20–20	0.21
544	43 04–20	0.23	624	65 07–20	0.26	704	74 10–20	0.31	784	39 21–20	0.21	864	28 21–19	0.31	944	26 20–20	0.34
545	46 04–20	0.22	625	41 07–20	0.22	705	40 10–19	0.21	785	41 04–20	0.18	865	39 08–20	0.27	945	36 23–20	0.20
546	48 04–20	0.21	626	44 07–20	0.22	706	38 10–20	0.23	786	42 14–20	0.19	866	48 17–20	0.21	946	45 21–20	0.26
547	45 04–20	0.22	627	43 07–20	0.22	707	39 10–20	0.25	787	47 15–20	0.23	867	32 17–20	0.31	947	41 06–19	0.26
548	45 04–20	0.28	628	47 07–20	0.23	708	48*92–20	0.24	788	51 14–20	0.22	868	50 21–20	0.24	948	29 21–20	0.28
549	40 04–20	0.27	629	40 07–20	0.20	709	49 06–20	0.22	789	37 35–20	0.29	869	37 30–20	0.32	949	40 28–20	0.23
550	53 00–20	0.21	630	37 24–20	0.23	710	45 11–20	0.31	790	40 24–20	0.16	870	36 17–20	0.30	950	36 04–20	0.23
551	58 04–20	0.28	631	47 07–20	0.22	711	33 12–20	0.24	791	41 15–20	0.18	871	36 07–20	0.35	951	42 13–20	0.25
552	53 04–20	0.41	632	42 07–20	0.31	712	52 11–20	0.24	792	39 15–20	0.20	872	47 00–20	0.21	952	41 16–20	0.22
553	30 32–20	0.25	633	45 07–20	0.22	713	44 14–19	0.21	793	36 07–20	0.21	873	42 17–20	0.35	953	46 21–19	0.42
554	58 00–20	0.29	634	43 07–19	0.24	714	52 11–20	0.19	794	35 36–19	0.34	874	37 17–20	0.25	954	49 05–20	0.30
555	49 05–20	0.39	635	48 07–20	0.22	715	45 11–20	0.37	795	47 17–20	0.22	875	35 17–19	0.22	955	37 21–20	0.22
556	46 07–20	0.22	636	38 07–20	0.23	716	40 06–19	0.27	796	40 14–20	0.20	876	41 17–20	0.27	956	34 21–20	0.27
557	44 05–20	0.34	637	42 07–20	0.35	717	43 11–20	0.30	797	49*98–20	0.23	877	45 21–20	0.24	957	37 29–20	0.20
558	55 05–20	0.19	638	49 06–20	0.27	718	45 02–20	0.23	798	44*80–20	0.19	878	24 16–20	0.44	958	36 21–20	0.27
559	51 05–20	0.22	639	57 07–20	0.21	719	20 11–20	0.35	799	44 07–20	0.22	879	32 17–20	0.18	959	38 16–20	0.31
560	41 14–20	0.24	640	42 07–20	0.18	720	63*99–20	0.24	800	37 12–19	0.26	880	27 17–20	0.25	960	33 21–20	0.29

* Lower boundary refers to 19th century

№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms
		″			″			″			″			″			″
961	34 21–20	0.26	1041	33 06–20	0.21	1121	38 30–20	0.29	1201	39 07–19	0.31	1281	40 04–20	0.30	1361	35 35–20	0.25
962	45 16–19	0.34	1042	33 25–20	0.21	1122	36 24–20	0.30	1202	38 24–20	0.29	1282	36 33–20	0.23	1362	45 31–20	0.32
963	30 21–20	0.25	1043	47 25–20	0.25	1123	36 28–20	0.28	1203	31 26–20	0.32	1283	38 02–20	0.26	1363	44 35–20	0.31
964	32 05–20	0.24	1044	47 07–20	0.26	1124	37 31–20	0.26	1204	35 31–19	0.31	1284	34 33–20	0.21	1364	41 32–20	0.26
965	31 27–20	0.19	1045	31 51–20	0.32	1125	38 09–20	0.33	1205	27 31–19	0.46	1285	40 33–20	0.34	1365	40 28–20	0.29
966	43 23–20	0.21	1046	37 26–20	0.26	1126	35 26–19	0.34	1206	32 31–20	0.26	1286	45 28–20	0.26	1366	40 32–20	0.24
967	31 37–20	0.23	1047	40 24–20	0.24	1127	35 30–20	0.18	1207	35 31–20	0.28	1287	42 33–20	0.25	1367	29 34–20	0.25
968	43 21–20	0.18	1048	45 27–20	0.24	1128	57 20–20	0.27	1208	36 31–20	0.23	1288	39 33–20	0.26	1368	36 31–20	0.24
969	35 22–20	0.34	1049	36 25–20	0.23	1129	37 26–20	0.20	1209	45 27–20	0.29	1289	53*93–20	0.29	1369	32 28–20	0.24
970	34 21–20	0.29	1050	32 08–20	0.25	1130	43 06–20	0.30	1210	37 04–20	0.23	1290	31 33–20	0.33	1370	27 35–19	0.52
971	37 08–20	0.23	1051	36 25–20	0.20	1131	29 29–20	0.34	1211	41 31–20	0.30	1291	49 07–20	0.25	1371	32 33–20	0.34
972	37 22–20	0.20	1052	40 33–20	0.25	1132	40 29–20	0.28	1212	47 31–20	0.30	1292	43 29–20	0.26	1372	37 28–20	0.23
973	44 22–20	0.23	1053	32 25–20	0.28	1133	36 29–19	0.31	1213	31 31–20	0.25	1293	24 33–19	0.35	1373	33 35–20	0.28
974	46 06–20	0.26	1054	37 25–20	0.21	1134	25 29–20	0.38	1214	37 30–20	0.25	1294	40 17–20	0.25	1374	28 35–20	0.39
975	46 22–20	0.25	1055	38 02–20	0.31	1135	44 29–20	0.24	1215	37 32–20	0.22	1295	51 33–20	0.34	1375	40 31–20	0.26
976	48 10–20	0.26	1056	38 24–20	0.29	1136	33 31–20	0.23	1216	38 32–19	0.30	1296	40 25–20	0.29	1376	37 35–20	0.30
977	38 14–20	0.18	1057	36 25–20	0.30	1137	42 03–20	0.26	1217	33 25–19	0.37	1297	39 27–20	0.26	1377	34 36–20	0.33
978	35 06–20	0.20	1058	29 32–19	0.27	1138	28 29–20	0.24	1218	31 32–20	0.32	1298	38 04–20	0.47	1378	42 15–20	0.30
979	40 22–20	0.23	1059	36 20–19	0.25	1139	37 29–20	0.29	1219	37 32–20	0.25	1299	41 34–20	0.31	1379	37 05–20	0.23
980	44 29–20	0.17	1060	34 25–20	0.33	1140	31 35–20	0.17	1220	29 32–20	0.27	1300	41 34–19	0.32	1380	26 36–20	0.32
981	43 06–20	0.32	1061	38 25–20	0.40	1141	28 30–20	0.38	1221	20 32–20	1.15	1301	39 34–20	0.27	1381	40 28–20	0.45
982	37 28–19	0.26	1062	40 27–20	0.21	1142	45 02–20	0.27	1222	32 32–20	0.24	1302	44 24–20	0.28	1382	42 25–20	0.28
983	42 22–20	0.16	1063	45 06–19	0.31	1143	56 30–19	0.32	1223	44 07–20	0.26	1303	36 28–20	0.20	1383	40 23–20	0.41
984	43 22–20	0.22	1064	47 26–19	0.44	1144	43 30–20	0.22	1224	30 34–20	0.22	1304	47 08–20	0.22	1384	38 34–20	0.28
985	26 22–19	0.41	1065	32 26–20	0.25	1145	45 30–20	0.24	1225	34 30–20	0.28	1305	50 27–20	0.29	1385	38 32–20	0.25
986	37 26–20	0.20	1066	39 11–20	0.33	1146	41 29–20	0.27	1226	28 30–20	0.26	1306	36 30–19	0.19	1386	24 35–20	0.35
987	39 22–20	0.19	1067	34 26–20	0.20	1147	37 29–20	0.27	1227	39 31–20	0.26	1307	38 30–20	0.30	1387	26 35–19	0.35
988	34 39–20	0.30	1068	43 29–20	0.43	1148	39 29–20	0.22	1228	38 31–20	0.25	1308	40 01–20	0.25	1388	39 35–20	0.28
989	30 22–20	0.25	1069	42 27–20	0.22	1149	42 29–20	0.18	1229	33 31–20	0.30	1309	35 19–20	0.26	1389	40 35–20	0.29
990	39 13–20	0.34	1070	32 03–20	0.23	1150	36 29–20	0.32	1230	27 31–20	0.36	1310	31 32–20	0.24	1390	42 29–20	0.19
991	44 36–20	0.32	1071	50 10–20	0.32	1151	27 29–20	0.36	1231	36 31–20	0.31	1311	33 29–20	0.31	1391	31 36–20	0.29
992	37 22–20	0.25	1072	39 26–20	0.25	1152	40 26–20	0.27	1232	38 30–20	0.25	1312	30 33–20	0.24	1392	30 36–20	0.24
993	42 31–20	0.28	1073	39 23–20	0.35	1153	36 30–20	0.31	1233	40 27–20	0.26	1313	31 33–19	0.30	1393	35 36–20	0.34
994	37 23–20	0.20	1074	46 25–20	0.31	1154	44 11–20	0.28	1234	36 31–19	0.28	1314	31 33–20	0.36	1394	35 36–20	0.29
995	36 03–20	0.20	1075	37 26–20	0.23	1155	31 28–20	0.26	1235	29 31–20	0.27	1315	49 05–20	0.26	1395	32 36–20	0.28
996	47 15–20	0.32	1076	42 26–20	0.33	1156	32 28–19	0.36	1236	29 31–20	0.23	1316	24 33–20	0.42	1396	42 30–20	0.27
997	28 23–20	0.35	1077	34 26–20	0.31	1157	43 29–20	0.27	1237	39 08–20	0.24	1317	39 35–20	0.27	1397	38 36–19	0.32
998	27 23–20	0.23	1078	32 24–20	0.26	1158	32 29–19	0.24	1238	36 37–20	0.28	1318	26 34–20	0.28	1398	34 36–20	0.40
999	44 23–20	0.25	1079	46 27–20	0.29	1159	39 29–20	0.23	1239	38 32–20	0.34	1319	48 29–20	0.27	1399	26 36–20	0.34
1000	37 23–20	0.43	1080	31 27–20	0.29	1160	31 29–20	0.26	1240	36 30–20	0.21	1320	33 34–20	0.23	1400	31 30–20	0.26
1001	50 08–20	0.23	1081	40 27–20	0.32	1161	32 29–20	0.31	1241	40 20–20	0.21	1321	44 08–20	0.24	1401	34 35–20	0.25
1002	41 35–20	0.24	1082	54 27–20	0.29	1162	49 30–19	0.28	1242	39 08–20	0.22	1322	31 34–20	0.27	1402	25 36–19	0.33
1003	50 23–20	0.32	1083	39 28–20	0.26	1163	35 30–20	0.25	1243	42 32–20	0.23	1323	37 08–20	0.22	1403	30 36–20	0.27
1004	54 23–20	0.22	1084	45 27–20	0.32	1164	27 30–20	0.27	1244	41 08–20	0.22	1324	29 34–20	0.34	1404	39 36–20	0.40
1005	34 35–20	0.22	1085	49 08–20	0.24	1165	38 09–19	0.29	1245	49 32–20	0.23	1325	33 34–20	0.31	1405	27 51–20	0.30
1006	33 23–20	0.27	1086	47 00–20	0.21	1166	34 30–19	0.21	1246	34 32–20	0.21	1326	29 34–20	0.23	1406	33 38–19	0.28
1007	43 06–20	0.30	1087	40 27–20	0.23	1167	44 30–20	0.21	1247	55 05–20	0.36	1327	33 34–20	0.30	1407	38 05–20	0.27
1008	38 23–20	0.25	1088	38 29–20	0.22	1168	29 34–19	0.30	1248	44 01–20	0.22	1328	44 25–20	0.25	1408	37 36–20	0.26
1009	24 23–20	0.51	1089	43*94–20	0.24	1169	32 30–20	0.31	1249	34 32–20	0.25	1329	34 33–20	0.20	1409	42 00–20	0.27
1010	48 03–20	0.25	1090	31 28–20	0.28	1170	27 30–20	0.23	1250	29 33–20	0.27	1330	37 22–20	0.19	1410	35 37–20	0.23
1011	39 24–20	0.37	1091	35 28–19	0.28	1171	47 04–19	0.30	1251	41 15–20	0.28	1331	47 26–20	0.31	1411	31 37–20	0.23
1012	35 07–19	0.37	1092	47 06–20	0.36	1172	48 30–20	0.22	1252	32 33–20	0.19	1332	44 21–20	0.25	1412	38 29–20	0.31
1013	34 27–20	0.19	1093	35 29–20	0.17	1173	45 30–20	0.29	1253	33 31–19	0.43	1333	33 34–20	0.25	1413	35 37–20	0.26
1014	39 24–20	0.30	1094	35 35–20	0.22	1174	33 30–20	0.33	1254	42 31–20	0.27	1334	44 34–20	0.23	1414	29 37–20	0.36
1015	43 24–20	0.21	1095	36 26–20	0.21	1175	38 07–20	0.22	1255	38 05–20	0.21	1335	31 34–20	0.31	1415	39 06–20	0.25
1016	38 24–20	0.27	1096	42 28–20	0.26	1176	37 30–20	0.25	1256	43 30–20	0.24	1336	50 34–20	0.35	1416	41 19–20	0.23
1017	37 28–20	0.25	1097	45 07–20	0.38	1177	54 30–20	0.45	1257	40 28–20	0.32	1337	39 34–20	0.24	1417	34 37–20	0.25
1018	36 24–20	0.23	1098	41 06–20	0.23	1178	35 31–20	0.33	1258	34 32–20	0.23	1338	32 34–20	0.29	1418	38 03–20	0.28
1019	30 24–20	0.25	1099	38 28–20	0.24	1179	27 31–20	0.29	1259	42 28–20	0.27	1339	48 34–20	0.24	1419	39 17–20	0.25
1020	31 24–20	0.39	1100	50 04–20	0.27	1180	47 07–20	0.24	1260	32 33–19	0.31	1340	44 34–20	0.31	1420	39 31–20	0.31
1021	48 25–20	0.21	1101	33 28–20	0.28	1181	39 34–20	0.29	1261	40 33–20	0.33	1341	35 17–20	0.20	1421	35 06–20	0.25
1022	38 10–20	0.20	1102	39 31–20	0.18	1182	39 27–20	0.25	1262	42 33–20	0.21	1342	30 35–20	0.21	1422	34 33–20	0.35
1023	40 24–20	0.23	1103	28 28–20	0.23	1183	42 30–20	0.33	1263	38 33–20	0.20	1343	41 35–20	0.25	1423	37 06–20	0.25
1024	34 28–20	0.26	1104	28 28–20	0.33	1184	34 26–20	0.24	1264	36 33–20	0.19	1344	32 33–20	0.25	1424	42 18–19	0.25
1025	28 23–20	0.25	1105	40 28–20	0.25	1185	34 30–20	0.25	1265	39 11–20	0.27	1345	38 08–20	0.28	1425	34 50–20	0.23
1026	28 23–20	0.27	1106	32 29–20	0.23	1186	42 29–20	0.25	1266	38 33–20	0.19	1346	34 29–20	0.22	1426	47 37–20	0.28
1027	49 08–20	0.33	1107	49 09–20	0.21	1187	34 29–20	0.23	1267	39 26–19	0.35	1347	33*98–20	0.24	1427	39 29–19	0.27
1028	47 07–20	0.22	1108	31 29–20	0.25	1188	34 30–20	0.28	1268	50 30–20	0.28	1348	37 08–20	0.27	1428	39 33–20	0.19
1029	46 16–20	0.31	1109	43 29–20	0.21	1189	46 30–20	0.36	1269	57 06–20	0.25	1349	41 34–20	0.24	1429	37 37–20	0.32
1030	38 24–20	0.22	1110	37 28–20	0.28	1190	32 09–20	0.32	1270	29 30–19	0.30	1350	47 29–20	0.32	1430	36 37–20	0.35
1031	34 24–20	0.22	1111	50 27–20	0.26	1191	32 31–20	0.19	1271	37 31–19	0.27	1351	45 17–20	0.25	1431	31 37–20	0.26
1032	45 17–20	0.24	1112	46 28–20	0.23	1192	23 31–19	0.62	1272	27 17–20	0.34	1352	40 35–20	0.30	1432	34 37–20	0.24
1033	31 35–20	0.23	1113	42 09–20	0.22	1193	30 31–20	0.42	1273	31 32–20	0.35	1353	48 20–20	0.26	1433	30 37–20	0.24
1034	32 24–20	0.27	1114	41 28–19	0.23	1194	34 31–20	0.21	1274	42 18–20	0.26	1354	38 31–20	0.30	1434	37 06–20	0.23
1035	34 13–20	0.22	1115	35 29–19	0.21	1195	25 31–19	0.30	1275	40 32–20	0.23	1355	24 35–20	0.23	1435	30 36–20	0.43
1036	59 24–19	0.31	1116	39 08–20	0.22	1196	31 34–20	0.19	1276	35 33–20	0.24	1356	38 31–20	0.23	1436	38 33–20	0.21
1037	26 24–20	0.38	1117	43 04–20	0.27	1197	32 25–20	0.21	1277	37 33–20	0.30	1357	30 35–20	0.26	1437	43 37–20	0.24
1038	32 24–20	0.23	1118	37 27–20	0.19	1198	26 31–20	0.37	1278	36 05–20	0.22	1358	43 35–20	0.34	1438	40 37–20	0.34
1039	41 24–19	0.28	1119	40 27–19	0.29	1199	50 21–20	0.26	1279	38 33–20	0.30	1359	42 03–20	0.26	1439	37 37–20	0.29
1040	28 25–20	0.18	1120	35 43–20	0.29	1200	42 29–20	0.28	1280	41 33–20	0.25	1360	32 35–20	0.23	1440	30 37–20	0.46

* Lower boundary refers to 19th century

№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms
		″			″			″			″			″			″
1441	28 37–20	0.35	1521	26 38–20	0.30	1601	33 42–20	0.31	1681	37 14–20	0.26	1761	35 52–20	0.32	1841	39 36–20	0.32
1442	39 31–20	0.30	1522	31 38–20	0.25	1602	38 43–20	0.27	1682	33 29–19	0.55	1762	37 47–20	0.32	1842	31 29–20	0.30
1443	44 31–20	0.27	1523	37 36–20	0.32	1603	40 07–20	0.26	1683	33 36–20	0.26	1763	31 53–20	0.32	1843	32 35–20	0.30
1444	28 38–20	0.31	1524	35 31–20	0.26	1604	46 20–20	0.27	1684	47 22–20	0.31	1764	39 35–20	0.35	1844	32 53–20	0.25
1445	37 52–20	0.34	1525	28 30–20	0.35	1605	37 36–20	0.25	1685	32 48–20	0.33	1765	31 17–20	0.21	1845	33 31–20	0.23
1446	32 38–20	0.28	1526	26 53–19	0.36	1606	36 06–20	0.39	1686	43 33–20	0.33	1766	27 53–20	0.35	1846	28 57–20	0.37
1447	36 18–20	0.28	1527	42 09–20	0.31	1607	33 03–20	0.27	1687	46 09–20	0.30	1767	29 51–19	0.35	1847	32 30–20	0.21
1448	30 54–20	0.33	1528	32 40–20	0.26	1608	31 48–20	0.29	1688	31 51–19	0.34	1768	29 42–20	0.35	1848	39 33–20	0.33
1449	35 28–20	0.30	1529	34 50–20	0.26	1609	35 34–20	0.22	1689	37 28–20	0.26	1769	29 37–20	0.36	1849	27 42–20	0.27
1450	37 15–20	0.36	1530	23 38–20	0.35	1610	28 28–19	0.37	1690	33 32–20	0.27	1770	35 30–20	0.27	1850	30 42–20	0.32
1451	26 61–20	0.36	1531	30 38–20	0.26	1611	34 50–20	0.36	1691	44 45–20	0.30	1771	37 38–20	0.22	1851	31 50–20	0.40
1452	27 38–20	0.32	1532	36 36–20	0.28	1612	31 39–20	0.23	1692	36 30–19	0.29	1772	32 40–20	0.31	1852	33 31–19	0.28
1453	24 38–19	0.25	1533	37 36–19	0.32	1613	34 29–20	0.27	1693	32 35–20	0.28	1773	39 45–20	0.26	1853	30 50–20	0.57
1454	32 36–20	0.36	1534	32 24–20	0.24	1614	45 28–20	0.27	1694	27 34–20	0.46	1774	37 31–20	0.32	1854	32 62–20	0.33
1455	25 37–20	0.29	1535	35 33–20	0.29	1615	38 26–20	0.37	1695	28 41–19	0.37	1775	34 49–20	0.31	1855	34 61–20	0.34
1456	39 26–20	0.28	1536	37 03–20	0.32	1616	38 50–20	0.31	1696	31 39–20	0.29	1776	36 30–19	0.31	1856	28 69–20	0.34
1457	45 33–20	0.26	1537	30 03–19	0.41	1617	35 06–20	0.25	1697	31 40–20	0.33	1777	39 05–20	0.31	1857	31 31–20	0.29
1458	41 37–20	0.28	1538	20 40–19	0.42	1618	42 27–20	0.30	1698	39 34–20	0.32	1778	38 54–20	0.34	1858	34 36–20	0.31
1459	31 37–20	0.22	1539	45 23–20	0.38	1619	37 31–20	0.32	1699	33 31–19	0.30	1779	30 50–20	0.34	1859	34 15–20	0.27
1460	26 37–20	0.32	1540	39 26–20	0.25	1620	35 51–20	0.40	1700	33 29–19	0.35	1780	38 06–20	0.23	1860	31 11–20	0.26
1461	44 35–20	0.19	1541	38 23–20	0.27	1621	39 26–20	0.26	1701	29 31–20	0.24	1781	30 06–20	0.32	1861	31 70–20	0.30
1462	34 63–20	0.35	1542	42*98–20	0.23	1622	34 30–19	0.33	1702	32 48–20	0.25	1782	33 31–20	0.34	1862	29 30–20	0.50
1463	34 38–20	0.25	1543	32 41–20	0.27	1623	40 48–20	0.40	1703	31 30–20	0.26	1783	31 35–20	0.33	1863	22 48–20	0.51
1464	36 39–20	0.27	1544	37 06–20	0.31	1624	43 28–20	0.38	1704	36 24–20	0.32	1784	39 35–20	0.32	1864	31 71–20	0.36
1465	33 38–20	0.33	1545	37 06–20	0.35	1625	36 29–20	0.22	1705	30 41–20	0.36	1785	32 31–20	0.28	1865	24 71–20	0.35
1466	32 38–20	0.26	1546	34 35–19	0.25	1626	29 27–20	0.52	1706	36 31–20	0.30	1786	33 48–20	0.31	1866	35 55–20	0.29
1467	39 23–20	0.20	1547	34 40–20	0.22	1627	31 29–20	0.29	1707	32 06–20	0.28	1787	33 30–20	0.27	1867	35 71–20	0.21
1468	25 38–19	0.34	1548	31 49–20	0.24	1628	39 23–20	0.22	1708	32 29–20	0.25	1788	39 52–20	0.32	1868	33 54–20	0.27
1469	38 31–20	0.24	1549	35 47–20	0.27	1629	38 49–20	0.29	1709	29 25–20	0.26	1789	35 43–20	0.30	1869	28 60–19	0.44
1470	37 38–20	0.28	1550	32 41–20	0.27	1630	43 24–20	0.29	1710	26 55–20	0.37	1790	33 25–20	0.28	1870	33 55–20	0.40
1471	38 31–20	0.21	1551	38 30–20	0.30	1631	33 26–19	0.32	1711	37 09–20	0.24	1791	35 31–20	0.29	1871	30 71–20	0.42
1472	34 31–20	0.29	1552	36 33–20	0.31	1632	37 17–20	0.31	1712	33 29–20	0.23	1792	32 31–20	0.29	1872	30 54–20	0.36
1473	32 38–20	0.31	1553	41 40–20	0.31	1633	51 17–20	0.30	1713	33 31–20	0.37	1793	38 33–20	0.29	1873	30 71–20	0.30
1474	26 35–19	0.42	1554	38 32–20	0.27	1634	31 28–20	0.37	1714	29 49–20	0.25	1794	30 50–20	0.31	1874	36 24–20	0.34
1475	32 17–20	0.33	1555	34 32–20	0.27	1635	39 24–20	0.23	1715	31 38–20	0.33	1795	33 55–20	0.34	1875	29 69–20	0.33
1476	28 36–20	0.32	1556	35 42–20	0.26	1636	37 50–20	0.29	1716	33 30–20	0.29	1796	34 53–20	0.20	1876	21 70–20	0.38
1477	26 53–20	0.35	1557	38 03–20	0.28	1637	40 07–20	0.24	1717	31 30–20	0.28	1797	31 29–20	0.30	1877	32 50–20	0.44
1478	32 06–20	0.26	1558	41 13–20	0.22	1638	39 35–20	0.30	1718	30 42–20	0.39	1798	31 34–20	0.38	1878	33 33–19	0.32
1479	36 23–20	0.32	1559	38 35–20	0.28	1639	37 06–20	0.25	1719	30 48–20	0.28	1799	31 50–20	0.29	1879	27 35–20	0.31
1480	28 40–20	0.32	1560	41 42–20	0.33	1640	29 06–20	0.40	1720	37 27–20	0.33	1800	32 50–20	0.33	1880	36 40–20	0.34
1481	43 33–20	0.25	1561	37 41–20	0.31	1641	37 09–20	0.25	1721	32 05–20	0.28	1801	30 52–20	0.30	1881	30 40–20	0.29
1482	46 28–20	0.31	1562	38 26–20	0.32	1642	41 08–20	0.24	1722	35 38–20	0.31	1802	36 38–20	0.32	1882	31 41–20	0.29
1483	34 54–20	0.32	1563	34 30–20	0.31	1643	31 33–20	0.31	1723	44 31–20	0.24	1803	27 31–20	0.24	1883	25 42–20	0.29
1484	34 33–20	0.26	1564	41 33–19	0.31	1644	39 06–19	0.26	1724	34 32–20	0.24	1804	31 38–20	0.28	1884	24 43–19	0.40
1485	38 33–20	0.28	1565	30 48–20	0.23	1645	41 33–20	0.29	1725	41 15–20	0.30	1805	37 50–20	0.31	1885	26 48–20	0.37
1486	33 38–19	0.36	1566	34 49–19	1.12	1646	35 37–20	0.26	1726	37 24–20	0.34	1806	30 49–20	0.29	1886	29 40–20	0.26
1487	44 29–20	0.32	1567	42 38–20	0.20	1647	39 51–20	0.41	1727	26 55–20	0.21	1807	33 28–20	0.33	1887	29 50–20	0.28
1488	37 05–20	0.26	1568	32 46–20	0.26	1648	39 21–20	0.31	1728	34 43–20	0.25	1808	34 53–20	0.32	1888	31 31–20	0.31
1489	35 39–20	0.36	1569	35 48–20	0.30	1649	34 30–20	0.29	1729	36 33–19	0.33	1809	31 55–20	0.34	1889	31 66–20	0.30
1490	36 31–19	0.32	1570	38 48–19	0.37	1650	42 06–20	0.31	1730	35 31–20	0.35	1810	32 50–19	0.31	1890	33 49–20	0.27
1491	39 30–20	0.31	1571	30 50–20	0.30	1651	37 36–20	0.27	1731	45 26–20	0.26	1811	35 31–20	0.30	1891	31 31–20	0.26
1492	29 54–20	0.33	1572	39 49–20	0.36	1652	34 33–20	0.30	1732	38 06–20	0.25	1812	34 31–20	0.26	1892	29 71–20	0.27
1493	36 08–20	0.30	1573	29 49–20	0.30	1653	32 37–20	0.29	1733	35 35–20	0.34	1813	28 60–20	0.28	1893	33 49–19	0.45
1494	36 38–20	0.28	1574	39 30–20	0.22	1654	39 31–19	0.42	1734	37 28–20	0.33	1814	27 31–20	0.31	1894	33 32–19	0.36
1495	34 30–20	0.28	1575	32 28–20	0.27	1655	29 01–20	0.25	1735	38 07–20	0.38	1815	34 32–20	0.33	1895	29 37–20	0.36
1496	34 28–19	0.30	1576	44 31–19	0.41	1656	25 42–20	0.26	1736	33 27–20	0.26	1816	27 04–19	0.26	1896	27 49–20	0.40
1497	48 33–20	0.30	1577	32 31–20	0.35	1657	30 32–19	0.29	1737	32 50–20	0.26	1817	27 39–20	0.19	1897	30 56–20	0.31
1498	26 49–19	0.35	1578	42 44–20	0.32	1658	30 40–20	0.24	1738	31 27–20	0.32	1818	26 04–20	0.42	1898	33 52–19	0.40
1499	32 42–20	0.25	1579	41 29–20	0.26	1659	38 30–20	0.19	1739	30 29–20	0.33	1819	32 29–20	0.26	1899	28 49–20	0.28
1500	26 48–20	0.27	1580	27 50–19	0.54	1660	32 31–20	0.25	1740	31 39–20	0.38	1820	30 23–20	0.35	1900	30 53–19	0.52
1501	29 30–20	0.28	1581	45 29–20	0.31	1661	32 16–20	0.32	1741	35 53–20	0.31	1821	35 06–19	0.42	1901	30 72–20	0.30
1502	43 06–20	0.29	1582	36 50–20	0.25	1662	38 23–20	0.32	1742	39 34–20	0.26	1822	33 50–20	0.39	1902	39 40–20	0.25
1503	34 35–20	0.21	1583	43 50–20	0.22	1663	33 28–20	0.29	1743	32 31–20	0.32	1823	31 48–20	0.32	1903	32 40–20	0.29
1504	31 39–20	0.23	1584	33 27–20	0.45	1664	31 29–19	0.35	1744	26 49–19	0.36	1824	38 06–20	0.31	1904	30 49–20	0.25
1505	35 35–20	0.22	1585	39 47–20	0.24	1665	31 30–20	0.22	1745	35 41–20	0.26	1825	35 34–19	0.31	1905	33 32–20	0.29
1506	28 39–20	0.26	1586	37 39–20	0.34	1666	36 30–20	0.33	1746	33 40–20	0.25	1826	33 40–20	0.24	1906	26 65–19	0.41
1507	26 57–20	0.35	1587	38 33–20	0.47	1667	38 30–20	0.26	1747	26 47–20	0.30	1827	33 31–19	0.36	1907	38 38–20	0.33
1508	25 35–19	0.47	1588	36 51–20	0.31	1668	38 33–20	0.35	1748	43 22–20	0.36	1828	29 50–19	0.28	1908	35 40–20	0.31
1509	28 38–20	0.25	1589	41 24–20	0.28	1669	39 34–20	0.29	1749	33 49–19	0.35	1829	32 29–20	0.26	1909	37 26–20	0.34
1510	31 39–20	0.30	1590	38 07–19	0.25	1670	36 31–20	0.21	1750	24 50–19	0.35	1830	36 26–20	0.21	1910	37 16–20	0.31
1511	33 28–19	0.33	1591	32 43–20	0.24	1671	34 30–20	0.29	1751	33 55–20	0.33	1831	29 55–20	0.29	1911	37 28–20	0.31
1512	41 39–20	0.26	1592	33 51–20	0.33	1672	36 33–20	0.33	1752	32 30–20	0.31	1832	31 37–20	0.34	1912	34 43–20	0.34
1513	29 50–20	0.35	1593	24 51–20	0.30	1673	35 37–20	0.36	1753	31 34–20	0.26	1833	32 55–20	0.35	1913	38 28–20	0.31
1514	35 06–20	0.32	1594	35 31–20	0.25	1674	41 38–20	0.38	1754	42 04–20	0.26	1834	29 69–20	0.27	1914	33 30–19	0.31
1515	22 07–20	0.31	1595	39 30–20	0.30	1675	32 31–19	0.27	1755	36 24–20	0.25	1835	35 58–20	0.30	1915	6 53–04	1.48
1516	34 38–19	0.37	1596	34 39–20	0.21	1676	31 39–19	0.31	1756	32 37–20	0.23	1836	29 52–20	0.29	1916	21 53–20	0.38
1517	43 31–20	0.29	1597	36 49–20	0.27	1677	32 35–20	0.30	1757	31 39–19	0.41	1837	32 62–20	0.30	1917	28 54–20	0.37
1518	36 28–20	0.38	1598	34 50–20	0.32	1678	32 19–20	0.23	1758	34 42–20	0.26	1838	32 54–20	0.23	1918	34 54–20	0.34
1519	34 49–20	0.33	1599	33 50–20	0.29	1679	35 41–19	0.29	1759	25 42–19	0.39	1839	28 62–20	0.26	1919	21 71–19	0.43
1520	34 38–20	0.21	1600	30 47–20	0.26	1680	46 02–19	0.33	1760	35 35–20	0.31	1840	33 31–20	0.30	1920	20 71–20	0.30

* Lower boundary refers to 19th century

№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms
		″			″			″			″			″			″
1921	18 73–18	0.42	2001	24 73–19	0.45	2081	33 50–19	0.39	2161	29 31–20	0.33	2241	32 50–20	0.19	2321	29 57–20	0.35
1922	34 49–20	0.36	2002	31 42–20	0.32	2082	25 60–19	0.39	2162	33 08–20	0.33	2242	29 36–20	0.37	2322	29 54–19	0.37
1923	29 53–20	0.36	2003	37 34–20	0.36	2083	25 52–20	0.24	2163	35 49–20	0.36	2243	28 31–20	0.33	2323	30 60–20	0.56
1924	28 60–20	0.32	2004	32 38–20	0.31	2084	39 31–20	0.33	2164	32 49–20	0.37	2244	27 52–20	0.28	2324	36 34–20	0.35
1925	31 34–19	0.36	2005	25 73–19	0.34	2085	34 49–20	0.29	2165	35 29–20	0.30	2245	28 58–20	0.24	2325	30 55–20	0.36
1926	23 35–20	0.20	2006	25 50–20	0.30	2086	30 31–20	0.37	2166	27 29–20	0.38	2246	35 55–20	0.33	2326	29 65–20	0.22
1927	24 30–19	0.52	2007	32 52–20	0.30	2087	31 42–20	0.36	2167	28 54–20	0.30	2247	26 55–20	0.38	2327	25 69–19	0.42
1928	28 38–20	0.35	2008	28 73–20	0.21	2088	27 48–20	0.29	2168	26 55–20	0.40	2248	36 33–20	0.33	2328	25 72–19	0.40
1929	26 68–20	0.28	2009	38 26–20	0.34	2089	27 49–20	0.24	2169	32 38–20	0.36	2249	37 42–20	0.35	2329	23 76–20	0.33
1930	28 54–20	0.27	2010	34 31–20	0.33	2090	36 51–20	0.27	2170	26 49–19	0.42	2250	30 55–20	0.39	2330	32 72–20	0.36
1931	25 69–20	0.32	2011	28 50–20	0.31	2091	32 24–20	0.26	2171	27 49–20	0.31	2251	29 55–20	0.29	2331	31 36–20	0.34
1932	27 58–20	0.32	2012	30 53–20	0.36	2092	34 50–20	0.30	2172	29 49–20	0.33	2252	32 49–19	0.64	2332	29 35–20	0.27
1933	27 56–20	0.32	2013	31 40–20	0.33	2093	31 50–20	0.32	2173	33 33–20	0.29	2253	26 32–20	0.35	2333	25 43–20	0.29
1934	26 61–19	0.32	2014	25 73–20	0.26	2094	29 41–20	0.28	2174	24 53–20	0.64	2254	26 59–20	0.32	2334	29 49–20	0.37
1935	26 69–19	0.39	2015	27 54–20	0.26	2095	28 55–19	0.37	2175	26 50–19	0.40	2255	25 50–20	0.37	2335	18 74–19	0.56
1936	27 55–19	0.30	2016	33 05–20	0.39	2096	26 39–20	0.40	2176	28 53–19	0.34	2256	38 54–19	0.40	2336	28 74–19	0.40
1937	32 36–20	0.31	2017	31 03–20	0.33	2097	32 42–19	0.40	2177	31 53–20	0.32	2257	26 39–20	0.40	2337	24 55–20	0.26
1938	36 34–20	0.32	2018	22 31–20	0.36	2098	28 57–20	0.33	2178	27 49–20	0.33	2258	35 28–20	0.31	2338	31 53–19	0.37
1939	38 50–20	0.27	2019	33 31–20	0.31	2099	18 70–20	0.31	2179	29 06–20	0.25	2259	30 29–19	0.32	2339	34 48–20	0.37
1940	32 62–20	0.43	2020	28 36–20	0.28	2100	21 75–19	0.39	2180	33 51–20	0.22	2260	29 51–19	0.27	2340	11 76–19	0.50
1941	31 15–20	0.32	2021	29 36–20	0.38	2101	10 36–18	1.08	2181	29 42–20	0.35	2261	22 77–20	0.27	2341	31 33–20	0.33
1942	23 72–20	0.29	2022	29 38–20	0.38	2102	19 75–20	0.34	2182	34 53–20	0.35	2262	23 49–19	0.46	2342	32 06–19	0.37
1943	22 73–20	0.33	2023	26 52–20	0.35	2103	34 30–20	0.26	2183	27 59–20	0.33	2263	25 55–20	0.30	2343	26 65–20	0.33
1944	26 25–20	0.39	2024	25 38–20	0.30	2104	25 55–20	0.21	2184	31 30–20	0.35	2264	42 33–20	0.33	2344	34 56–20	0.30
1945	28 30–20	0.35	2025	33 35–20	0.31	2105	23 76–20	0.21	2185	29 29–20	0.25	2265	23 50–19	0.31	2345	30 35–20	0.27
1946	30 31–20	0.25	2026	30 51–20	0.32	2106	31 36–20	0.36	2186	37 29–20	0.39	2266	31 43–20	0.23	2346	35 29–20	0.31
1947	32 35–20	0.31	2027	32 53–20	0.30	2107	32 07–20	0.25	2187	24 76–19	0.41	2267	30 33–20	0.38	2347	26 36–20	0.27
1948	31 35–20	0.37	2028	23 68–20	0.40	2108	27 48–19	0.28	2188	36 31–19	0.43	2268	34 42–20	0.28	2348	29 39–20	0.37
1949	29 36–20	0.37	2029	29 69–19	0.35	2109	33 32–20	0.36	2189	30 55–20	0.34	2269	29 29–20	0.24	2349	29 57–20	0.27
1950	30 42–20	0.33	2030	30 49–20	0.37	2110	32 55–20	0.37	2190	31 33–19	0.40	2270	34 58–20	0.33	2350	23 38–20	0.29
1951	21 49–19	0.33	2031	32 39–20	0.35	2111	32 68–20	0.24	2191	26 54–20	0.29	2271	38 28–20	0.28	2351	29 64–20	0.43
1952	35 40–20	0.25	2032	37 52–20	0.34	2112	29 08–19	0.32	2192	28 72–20	0.31	2272	22 72–20	0.30	2352	29 53–20	0.26
1953	37 29–20	0.35	2033	27 53–20	0.30	2113	25 58–20	0.33	2193	31 31–20	0.28	2273	28 58–20	0.37	2353	35 66–20	0.30
1954	26 52–20	0.23	2034	29 51–20	0.28	2114	37 53–20	0.34	2194	27 40–20	0.30	2274	27 76–20	0.28	2354	37 29–20	0.37
1955	35 49–20	0.34	2035	26 73–19	0.25	2115	30 75–20	0.26	2195	32 31–20	0.27	2275	32 31–20	0.31	2355	24 73–20	0.34
1956	34 54–19	0.44	2036	27 29–20	0.33	2116	31 33–20	0.35	2196	36 06–20	0.25	2276	28 33–20	0.35	2356	32 70–20	0.26
1957	30 56–20	0.24	2037	25 66–20	0.30	2117	30 36–20	0.30	2197	34 55–20	0.35	2277	27 50–20	0.26	2357	41 29–20	0.27
1958	32 54–20	0.33	2038	25 73–20	0.23	2118	29 30–20	0.25	2198	24 75–19	0.45	2278	26 53–20	0.38	2358	29 29–20	0.26
1959	27 30–20	0.29	2039	29 74–20	0.41	2119	27 30–20	0.33	2199	27 41–20	0.34	2279	31 54–20	0.35	2359	28 31–20	0.33
1960	32 55–20	0.28	2040	26 72–19	0.30	2120	28 41–20	0.30	2200	31 55–19	0.34	2280	31 57–20	0.37	2360	25 49–20	0.39
1961	32 62–20	0.27	2041	35 49–20	0.40	2121	33 36–19	0.35	2201	29 31–19	0.42	2281	27 55–20	0.38	2361	34 29–20	0.36
1962	33 27–20	0.36	2042	26 60–20	0.37	2122	30 54–20	0.26	2202	12 72–18	0.53	2282	26 62–20	0.37	2362	26 50–20	0.37
1963	23 75–20	0.17	2043	40 08–20	0.27	2123	36 34–20	0.29	2203	33 35–20	0.35	2283	26 51–20	0.31	2363	32 53–20	0.24
1964	28 33–20	0.34	2044	22 50–19	0.37	2124	30 52–20	0.29	2204	29 43–20	0.30	2284	31 51–19	0.35	2364	30 51–20	0.32
1965	30 27–20	0.30	2045	30 49–20	0.32	2125	31 51–20	0.32	2205	26 68–19	0.36	2285	23 76–20	0.37	2365	31 59–19	0.28
1966	27 51–20	0.38	2046	34 29–20	0.32	2126	28 31–20	0.26	2206	28 68–19	0.28	2286	30 50–19	0.34	2366	27 34–19	0.41
1967	29 30–20	0.28	2047	20 71–19	0.33	2127	29 53–20	0.27	2207	36 59–20	0.26	2287	30 30–20	0.36	2367	33 42–20	0.34
1968	37 32–19	0.32	2048	23 73–19	0.27	2128	23 73–20	0.40	2208	29 71–20	0.25	2288	28 37–20	0.26	2368	22 77–19	0.51
1969	32 30–20	0.35	2049	22 73–20	0.40	2129	23 73–20	0.34	2209	39 42–20	0.34	2289	29 33–19	0.41	2369	32 55–20	0.31
1970	32 49–20	0.30	2050	24 74–20	0.28	2130	23 74–20	0.35	2210	27 51–19	0.41	2290	23 32–20	0.36	2370	26 55–20	0.34
1971	29 55–20	0.32	2051	36 28–20	0.32	2131	20 75–20	0.28	2211	26 51–20	0.34	2291	29 67–20	0.23	2371	31 52–20	0.36
1972	27 49–19	0.39	2052	32 39–20	0.25	2132	39 29–20	0.30	2212	33 74–19	0.36	2292	29 42–20	0.25	2372	31 06–20	0.37
1973	33 55–19	0.41	2053	30 61–20	0.30	2133	28 57–20	0.32	2213	26 35–19	0.35	2293	35 38–20	0.32	2373	27 29–20	0.30
1974	27 51–19	0.45	2054	30 54–20	0.45	2134	23 56–20	0.30	2214	27 53–20	0.34	2294	33 44–20	0.32	2374	30 36–20	0.30
1975	32 46–20	0.36	2055	24 74–20	0.28	2135	11 77–18	0.75	2215	26 42–19	0.46	2295	32 52–20	0.34	2375	29 37–20	0.21
1976	35 59–20	0.41	2056	31 09–20	0.25	2136	33 33–20	0.25	2216	32 38–20	0.29	2296	33 41–20	0.37	2376	36 51–20	0.31
1977	30 54–20	0.31	2057	29 34–20	0.43	2137	33 05–20	0.31	2217	38 55–20	0.32	2297	42 31–20	0.36	2377	33 51–20	0.37
1978	33 52–20	0.35	2058	38 38–20	0.35	2138	33 46–20	0.28	2218	27 31–20	0.24	2298	25 15–19	0.40	2378	36 18–20	0.29
1979	25 60–20	0.38	2059	20 63–20	0.27	2139	28 24–20	0.38	2219	36 31–20	0.28	2299	31 41–20	0.41	2379	35 41–20	0.35
1980	25 50–19	0.23	2060	51*95–20	0.39	2140	35 51–20	0.26	2220	30 75–19	0.40	2300	31 53–19	0.36	2380	32 39–19	0.29
1981	23 73–20	0.37	2061	19 60–20	0.32	2141	31 56–20	0.28	2221	23 76–20	0.29	2301	31 31–20	0.28	2381	31 51–20	0.28
1982	29 57–20	0.28	2062	20 55–19	0.43	2142	36 51–20	0.38	2222	35 33–20	0.38	2302	23 35–20	0.26	2382	25 77–20	0.29
1983	28 50–20	0.33	2063	17 77–16	0.49	2143	23 55–20	0.40	2223	33 77–20	0.26	2303	29 74–20	0.24	2383	29 28–20	0.34
1984	38 26–19	0.36	2064	25 42–20	0.43	2144	36 47–20	0.28	2224	34 51–20	0.31	2304	26 53–20	0.26	2384	28 43–20	0.34
1985	29 29–19	0.25	2065	28 55–20	0.32	2145	28 76–20	0.28	2225	31 51–20	0.33	2305	33 29–20	0.27	2385	25 69–20	0.35
1986	33 35–20	0.35	2066	33 31–19	0.37	2146	26 76–19	0.34	2226	34 36–20	0.35	2306	30 39–20	0.34	2386	28 41–20	0.29
1987	24 52–20	0.20	2067	38 36–20	0.33	2147	25 66–19	0.36	2227	27 35–20	0.34	2307	33 54–20	0.25	2387	28 36–19	0.30
1988	28 52–20	0.34	2068	30 31–20	0.28	2148	27 76–20	0.41	2228	32 63–20	0.35	2308	29 26–20	0.30	2388	32 31–20	0.31
1989	30 35–20	0.27	2069	28 55–19	0.33	2149	31 54–20	0.26	2229	23 77–20	0.31	2309	33 56–20	0.27	2389	29 35–20	0.33
1990	32 37–20	0.30	2070	28 54–20	0.35	2150	24 69–20	0.55	2230	36 49–20	0.38	2310	30 59–20	0.33	2390	25 42–20	0.29
1991	26 54–20	0.33	2071	29 54–20	0.33	2151	29 34–20	0.23	2231	25 41–20	0.39	2311	34 72–20	0.30	2391	32 29–20	0.35
1992	28 68–20	0.31	2072	29 56–20	0.29	2152	30 39–20	0.24	2232	30 30–20	0.30	2312	37 43–20	0.30	2392	25 54–20	0.40
1993	29 68–20	0.36	2073	32 72–20	0.37	2153	33 54–20	0.39	2233	33 50–19	0.33	2313	31 49–20	0.40	2393	35 52–20	0.24
1994	29 39–20	0.27	2074	24 54–20	0.29	2154	26 58–19	0.38	2234	27 72–20	0.30	2314	27 53–20	0.40	2394	30 69–20	0.35
1995	30 41–20	0.34	2075	24 74–20	0.23	2155	31 60–20	0.35	2235	35 24–20	0.29	2315	30 46–20	0.25	2395	35 50–20	0.38
1996	27 61–20	0.22	2076	24 50–20	0.36	2156	30 17–20	0.33	2236	29 33–20	0.32	2316	34 33–20	0.40	2396	25 39–19	0.27
1997	26 50–20	0.29	2077	21 74–19	0.39	2157	27 24–20	0.30	2237	30 38–20	0.36	2317	30 50–20	0.41	2397	29 62–20	0.23
1998	28 38–20	0.28	2078	21 75–20	0.30	2158	33 33–19	0.36	2238	30 72–20	0.42	2318	29 50–20	0.40	2398	27 48–19	0.36
1999	31 53–19	0.26	2079	30 53–19	0.46	2159	31 29–20	0.31	2239	27 38–20	0.28	2319	31 35–20	0.34	2399	27 50–20	0.37
2000	26 34–20	0.18	2080	29 55–20	0.37	2160	34 55–20	0.35	2240	30 72–20	0.36	2320	36 42–20	0.23	2400	27 72–19	0.39

* Lower boundary refers to 19th century

№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms
		″			″			″			″			″			″
2401	29 54–20	0.36	2481	24 48–20	0.36	2561	30 31–20	0.36	2641	23 49–19	0.43	2721	30 05–20	0.37	2801	28 35–20	0.29
2402	27 03–20	0.27	2482	26 53–20	0.33	2562	26 49–20	0.31	2642	26 61–20	0.29	2722	29 70–20	0.38	2802	32 39–20	0.24
2403	30 18–19	0.35	2483	31 28–20	0.30	2563	34 59–20	0.38	2643	15 73–19	0.37	2723	31 50–20	0.39	2803	34 29–20	0.33
2404	34 33–20	0.35	2484	29 28–20	0.32	2564	29 49–20	0.34	2644	28 53–20	0.35	2724	33 48–20	0.32	2804	25 41–20	0.33
2405	36 51–19	0.38	2485	26 32–19	0.42	2565	24 48–20	0.41	2645	27 54–20	0.25	2725	25 04–19	0.26	2805	29 52–20	0.30
2406	30 37–20	0.31	2486	27 39–20	0.30	2566	27 56–20	0.28	2646	31 43–20	0.32	2726	29 54–20	0.31	2806	31 51–20	0.33
2407	36 06–20	0.28	2487	29 29–20	0.37	2567	28 79–20	0.31	2647	26 53–20	0.30	2727	34 39–20	0.33	2807	26 24–19	0.40
2408	26 43–20	0.28	2488	26 52–20	0.38	2568	24 51–20	0.37	2648	23 26–20	0.32	2728	31 29–20	0.37	2808	30 34–19	0.28
2409	28 71–19	0.34	2489	30 54–20	0.36	2569	24 53–20	0.21	2649	26 59–20	0.24	2729	31 69–20	0.31	2809	24 06–19	0.40
2410	35 53–20	0.36	2490	31 49–20	0.27	2570	23 41–20	0.27	2650	28 31–20	0.26	2730	33 54–20	0.29	2810	26 53–19	0.36
2411	35 52–20	0.32	2491	20 77–20	0.23	2571	25 31–20	0.37	2651	28 49–20	0.31	2731	30 64–20	0.25	2811	38 50–20	0.34
2412	30 55–20	0.26	2492	34 53–20	0.32	2572	32 50–20	0.36	2652	30 53–20	0.38	2732	32 26–19	0.36	2812	25 76–20	0.31
2413	31 31–20	0.25	2493	29 54–20	0.39	2573	28 30–20	0.27	2653	28 43–20	0.29	2733	22 38–20	0.31	2813	26 49–20	0.25
2414	24 31–20	0.25	2494	32 35–20	0.28	2574	33 49–20	0.31	2654	27 68–20	0.39	2734	28 76–20	0.30	2814	32 54–20	0.33
2415	34 52–20	0.35	2495	20 60–20	0.39	2575	28 23–20	0.32	2655	25 74–20	0.27	2735	21 71–19	0.38	2815	29 55–20	0.29
2416	31 31–20	0.34	2496	27 53–19	0.37	2576	27 50–20	0.28	2656	27 55–20	0.36	2736	25 79–20	0.35	2816	27 55–20	0.31
2417	30 58–20	0.38	2497	28 50–20	0.34	2577	26 34–20	0.23	2657	28 62–20	0.36	2737	24 38–20	0.30	2817	29 53–20	0.38
2418	32 51–19	0.44	2498	32 50–20	0.33	2578	30 52–20	0.31	2658	30 54–19	0.37	2738	29 54–20	0.34	2818	24 60–20	0.40
2419	27 53–20	0.40	2499	34 50–20	0.39	2579	26 74–19	0.33	2659	35 58–20	0.40	2739	30 51–20	0.34	2819	32 33–20	0.39
2420	26 75–20	0.31	2500	28 26–20	0.35	2580	30 50–20	0.32	2660	26 55–20	0.25	2740	31 53–20	0.27	2820	28 29–20	0.36
2421	31 62–20	0.31	2501	38 42–20	0.27	2581	30 28–19	0.40	2661	27 50–20	0.30	2741	31 35–20	0.29	2821	24 21–19	0.38
2422	25 43–20	0.43	2502	29 33–20	0.47	2582	27 38–20	0.24	2662	22 60–19	0.40	2742	34 53–20	0.33	2822	25 55–20	0.29
2423	24 56–20	0.33	2503	24 65–20	0.36	2583	24 68–20	0.33	2663	21 60–19	0.36	2743	26 65–20	0.32	2823	27 60–19	0.35
2424	28 24–19	0.35	2504	34 54–20	0.33	2584	30 52–19	0.35	2664	26 34–20	0.41	2744	23 75–20	0.36	2824	27 29–20	0.38
2425	30 50–20	0.27	2505	39 50–20	0.33	2585	31 30–20	0.31	2665	27 38–20	0.32	2745	23 76–20	0.34	2825	24 38–20	0.34
2426	31 31–20	0.32	2506	32 59–20	0.34	2586	30 62–20	0.41	2666	29 34–20	0.31	2746	26 54–20	0.38	2826	27 39–19	0.30
2427	27 53–20	0.35	2507	32 32–20	0.28	2587	31 55–19	0.35	2667	31 67–20	0.34	2747	32 53–20	0.35	2827	28 28–20	0.28
2428	27 66–20	0.31	2508	28 51–20	0.35	2588	25 54–20	0.45	2668	30 50–20	0.39	2748	29 49–19	0.59	2828	26 42–20	0.29
2429	25 15–20	0.27	2509	30 31–19	0.39	2589	29 55–20	0.30	2669	22 76–20	0.35	2749	31 37–20	0.39	2829	25 48–20	0.28
2430	25 76–20	0.25	2510	26 42–19	0.32	2590	25 63–20	0.32	2670	28 77–20	0.24	2750	28 40–20	0.32	2830	23 69–20	0.26
2431	29 48–20	0.35	2511	28 55–20	0.27	2591	35 34–19	0.37	2671	24 73–20	0.35	2751	27 62–20	0.33	2831	27 30–19	0.36
2432	29 41–20	0.30	2512	31 40–20	0.31	2592	35 52–20	0.42	2672	25 53–20	0.26	2752	33 60–20	0.25	2832	30 03–19	0.32
2433	28 53–19	0.32	2513	27 43–20	0.35	2593	24 76–20	0.33	2673	29 57–20	0.40	2753	29 54–20	0.35	2833	30 33–20	0.29
2434	28 32–19	0.35	2514	24 64–19	0.35	2594	29 53–20	0.41	2674	34 72–20	0.28	2754	26 51–20	0.37	2834	27 50–20	0.32
2435	24 60–20	0.39	2515	28 53–19	0.38	2595	27 52–20	0.31	2675	34 37–20	0.33	2755	27 71–20	0.41	2835	33 32–20	0.34
2436	27 60–20	0.34	2516	23 64–20	0.33	2596	26 51–20	0.40	2676	26 33–20	0.32	2756	27 70–20	0.32	2836	30 30–20	0.31
2437	28 29–19	0.35	2517	30 55–20	0.37	2597	32 51–20	0.35	2677	30 30–19	0.36	2757	30 49–20	0.36	2837	34 71–20	0.33
2438	26 54–20	0.35	2518	22 54–20	0.37	2598	27 48–20	0.36	2678	26 38–20	0.36	2758	26 78–20	0.36	2838	26 53–20	0.40
2439	32 54–20	0.39	2519	34 58–20	0.38	2599	26 34–20	0.31	2679	30 39–20	0.31	2759	28 55–20	0.33	2839	28 29–20	0.27
2440	25 28–20	0.33	2520	28 54–19	0.48	2600	27 51–20	0.32	2680	29 50–20	0.41	2760	29 60–20	0.28	2840	25 41–20	0.28
2441	26 57–20	0.40	2521	26 60–20	0.27	2601	31 65–20	0.28	2681	28 68–19	0.33	2761	29 76–20	0.35	2841	27 43–20	0.37
2442	29 42–20	0.34	2522	28 29–20	0.25	2602	29 50–20	0.35	2682	27 79–20	0.35	2762	28 35–20	0.37	2842	27 30–20	0.23
2443	31 06–20	0.24	2523	31 52–20	0.27	2603	32 36–20	0.39	2683	34 29–20	0.31	2763	30 30–19	0.35	2843	25 50–19	0.34
2444	24 34–20	0.26	2524	33 48–19	0.36	2604	26 50–20	0.30	2684	31 60–20	0.32	2764	25 76–19	0.32	2844	29 68–20	0.34
2445	27 35–20	0.24	2525	37 31–19	0.31	2605	34 50–20	0.36	2685	28 73–20	0.24	2765	26 77–20	0.34	2845	24 54–20	0.35
2446	30 53–20	0.33	2526	27 71–19	0.43	2606	31 54–20	0.31	2686	27 55–20	0.29	2766	26 41–20	0.46	2846	35 42–19	0.34
2447	28 61–20	0.38	2527	28 54–19	0.36	2607	26 51–20	0.43	2687	33 31–20	0.31	2767	25 67–20	0.27	2847	31 41–20	0.32
2448	26 53–20	0.20	2528	35 33–19	0.42	2608	8 78–18	1.19	2688	28 50–20	0.36	2768	27 34–20	0.29	2848	34 56–20	0.37
2449	22 78–20	0.32	2529	27 53–20	0.35	2609	27 47–20	0.27	2689	27 35–19	0.44	2769	28 53–20	0.35	2849	28 68–20	0.36
2450	31 59–20	0.36	2530	30 63–20	0.34	2610	24 55–20	0.31	2690	26 38–19	0.31	2770	31 53–20	0.28	2850	25 38–19	0.33
2451	28 40–20	0.32	2531	33 31–20	0.24	2611	31 70–19	0.38	2691	25 50–20	0.35	2771	25 43–20	0.35	2851	26 35–20	0.26
2452	27 53–20	0.27	2532	27 53–20	0.40	2612	24 79–20	0.22	2692	29 55–20	0.33	2772	27 06–20	0.31	2852	28 49–20	0.39
2453	27 21–20	0.28	2533	38 05–20	0.40	2613	26 69–20	0.32	2693	24 67–20	0.28	2773	29 29–20	0.40	2853	28 63–20	0.35
2454	24 68–20	0.41	2534	39 31–19	0.39	2614	24 76–19	0.35	2694	26 50–20	0.33	2774	25 42–20	0.29	2854	25 31–20	0.31
2455	35 34–20	0.26	2535	29 51–20	0.32	2615	27 51–20	0.36	2695	23 61–20	0.28	2775	28 53–20	0.37	2855	22 31–19	0.41
2456	31 53–20	0.28	2536	25 39–19	0.33	2616	31 29–20	0.29	2696	28 51–19	0.27	2776	30 45–19	0.38	2856	34 33–20	0.32
2457	30 56–20	0.33	2537	24 51–20	0.31	2617	25 75–19	0.28	2697	35 36–20	0.30	2777	25 61–20	0.34	2857	31 42–20	0.30
2458	30 74–20	0.41	2538	27 54–20	0.35	2618	26 75–20	0.34	2698	28 58–20	0.32	2778	30 48–19	0.42	2858	26 55–20	0.33
2459	31 31–20	0.27	2539	23 64–20	0.38	2619	29 75–20	0.38	2699	25 50–20	0.26	2779	25 68–20	0.37	2859	29 51–20	0.30
2460	32 31–20	0.33	2540	31 50–19	0.36	2620	30 54–20	0.37	2700	34 38–19	0.32	2780	24 50–20	0.33	2860	20 78–19	0.29
2461	32 55–20	0.37	2541	31 73–20	0.35	2621	29 71–20	0.28	2701	25 76–20	0.37	2781	31 51–19	0.34	2861	28 58–19	0.39
2462	23 60–19	0.40	2542	31 54–20	0.36	2622	28 34–19	0.36	2702	30 71–20	0.33	2782	24 60–20	0.37	2862	26 31–20	0.30
2463	28 30–19	0.31	2543	30 43–20	0.26	2623	25 19–20	0.36	2703	23 51–20	0.37	2783	23 70–20	0.33	2863	29 54–20	0.40
2464	32 39–20	0.35	2544	24 17–20	0.29	2624	36 54–20	0.31	2704	28 52–19	0.37	2784	26 59–19	0.30	2864	27 54–20	0.34
2465	29 49–20	0.35	2545	29 33–20	0.28	2625	25 54–20	0.35	2705	24 76–20	0.35	2785	32 32–20	0.35	2865	24 35–20	0.20
2466	32 29–20	0.35	2546	24 37–20	0.24	2626	33 33–20	0.29	2706	28 64–20	0.34	2786	26 55–20	0.30	2866	30 51–20	0.31
2467	28 33–20	0.29	2547	25 53–20	0.39	2627	36 50–20	0.34	2707	36 50–20	0.38	2787	25 57–19	0.27	2867	25 51–19	0.31
2468	26 51–20	0.37	2548	28 49–20	0.26	2628	32 55–20	0.39	2708	31 50–20	0.35	2788	26 54–19	0.40	2868	26 72–20	0.41
2469	28 49–20	0.42	2549	26 54–20	0.40	2629	21 54–20	0.37	2709	25 59–20	0.35	2789	26 06–20	0.34	2869	27 53–20	0.27
2470	28 71–19	0.39	2550	29 70–20	0.32	2630	37 15–20	0.32	2710	26 74–20	0.39	2790	22 65–19	0.32	2870	25 59–20	0.36
2471	27 53–20	0.32	2551	26 50–19	0.44	2631	27 55–20	0.30	2711	26 70–19	0.36	2791	21 77–19	0.30	2871	26 54–20	0.29
2472	23 73–20	0.36	2552	24 50–20	0.39	2632	34 48–20	0.29	2712	28 37–20	0.35	2792	25 70–19	0.55	2872	26 77–20	0.33
2473	31 37–20	0.32	2553	32 40–20	0.32	2633	32 54–20	0.31	2713	36 38–20	0.26	2793	26 49–20	0.27	2873	31 35–20	0.32
2474	31 26–20	0.28	2554	29 53–20	0.31	2634	36 05–20	0.27	2714	26 38–20	0.35	2794	23 40–20	0.52	2874	28 54–20	0.33
2475	30 08–20	0.32	2555	32 51–20	0.35	2635	32 35–19	0.33	2715	33 29–20	0.29	2795	27 74–20	0.34	2875	27 55–20	0.32
2476	29 39–20	0.28	2556	26 76–20	0.34	2636	28 56–20	0.33	2716	29 39–20	0.33	2796	29 51–20	0.30	2876	22 60–20	0.31
2477	28 61–20	0.31	2557	25 63–20	0.29	2637	23 19–20	0.34	2717	35 09–20	0.31	2797	29 40–20	0.27	2877	33 33–20	0.32
2478	30 32–20	0.25	2558	26 15–20	0.37	2638	24 39–20	0.29	2718	34 51–20	0.33	2798	27 60–20	0.37	2878	27 80–20	0.28
2479	27 31–20	0.30	2559	26 30–20	0.32	2639	23 40–20	0.31	2719	34 07–20	0.34	2799	24 60–20	0.43	2879	28 32–20	0.34
2480	30 59–20	0.32	2560	33 32–20	0.34	2640	29 41–20	0.34	2720	24 54–20	0.41	2800	28 60–20	0.41	2880	25 67–20	0.30

№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms
		″			″			″			″			″			″
2881	28 36–20	0.33	2961	27 41–20	0.35	3041	23 80–20	0.27	3121	24 78–20	0.35	3201	27 54–20	0.37	3281	29 31–20	0.37
2882	34 36–20	0.40	2962	23 31–20	0.21	3042	26 75–19	0.40	3122	26 79–19	0.31	3202	31 08–20	0.33	3282	26 33–20	0.39
2883	29 50–20	0.31	2963	28 52–20	0.32	3043	23 74–19	0.54	3123	27 77–19	0.40	3203	24 38–19	0.47	3283	28 53–19	0.36
2884	33 29–20	0.35	2964	24 74–20	0.34	3044	25 78–20	0.28	3124	29 53–20	0.37	3204	27 78–20	0.37	3284	26 53–20	0.38
2885	26 39–20	0.41	2965	22 75–20	0.26	3045	31 51–20	0.33	3125	29 51–20	0.31	3205	23 75–20	0.34	3285	25 51–20	0.22
2886	28 54–20	0.36	2966	23 77–20	0.37	3046	26 60–20	0.33	3126	31 53–20	0.40	3206	24 73–20	0.31	3286	25 78–20	0.33
2887	29 39–20	0.32	2967	28 48–20	0.26	3047	29 60–19	0.35	3127	26 73–20	0.28	3207	29 63–20	0.34	3287	21 81–20	0.36
2888	32 31–20	0.30	2968	25 49–20	0.38	3048	28 51–19	0.35	3128	34 42–20	0.39	3208	29 31–20	0.38	3288	25 82–19	0.43
2889	32 53–20	0.26	2969	29 78–20	0.35	3049	33 52–20	0.34	3129	29 43–19	0.33	3209	26 54–20	0.32	3289	23 34–20	0.40
2890	23 44–20	0.35	2970	23 50–20	0.36	3050	23 72–20	0.44	3130	25 56–20	0.46	3210	30 52–20	0.25	3290	31 54–19	0.41
2891	30 33–20	0.28	2971	25 63–19	0.36	3051	24 53–20	0.33	3131	28 54–20	0.34	3211	22 31–19	0.35	3291	28 53–20	0.42
2892	26 53–20	0.42	2972	27 39–20	0.35	3052	24 72–20	0.35	3132	33 29–20	0.32	3212	24 38–20	0.38	3292	28 54–20	0.41
2893	37 33–20	0.21	2973	29 51–20	0.36	3053	26 55–20	0.36	3133	29 07–19	0.42	3213	31 50–20	0.38	3293	25 60–19	0.38
2894	28 53–20	0.43	2974	25 49–20	0.37	3054	33 28–20	0.39	3134	34 21–20	0.32	3214	30 55–19	0.28	3294	27 58–20	0.32
2895	27 77–20	0.27	2975	28 57–20	0.34	3055	22 76–20	0.27	3135	20 78–19	0.40	3215	26 80–20	0.36	3295	28 50–20	0.37
2896	27 31–20	0.29	2976	31 03–19	0.31	3056	26 25–20	0.34	3136	29 38–19	0.37	3216	25 54–20	0.37	3296	26 71–20	0.32
2897	25 32–20	0.35	2977	26 74–20	0.33	3057	26 52–19	0.40	3137	28 49–20	0.37	3217	21 58–20	0.38	3297	29 72–20	0.39
2898	25 38–20	0.25	2978	30 29–20	0.39	3058	25 05–19	0.43	3138	32 50–20	0.38	3218	27 60–19	0.47	3298	26 50–20	0.37
2899	25 54–20	0.37	2979	26 76–20	0.38	3059	28 50–20	0.38	3139	27 63–20	0.23	3219	26 34–20	0.34	3299	27 80–20	0.36
2900	29 54–20	0.32	2980	25 77–19	0.43	3060	28 53–20	0.37	3140	31 54–20	0.24	3220	27 41–20	0.27	3300	31 28–20	0.24
2901	26 59–20	0.32	2981	30 54–20	0.37	3061	30 33–19	0.40	3141	25 52–20	0.25	3221	30 53–19	0.32	3301	25 25–20	0.30
2902	23 80–20	0.37	2982	27 78–20	0.33	3062	31 42–20	0.23	3142	23 37–20	0.26	3222	24 75–20	0.26	3302	30 54–20	0.34
2903	28 55–20	0.25	2983	32 33–19	0.32	3063	32 31–20	0.20	3143	26 54–20	0.36	3223	30 42–20	0.27	3303	30 54–20	0.34
2904	23 60–20	0.25	2984	27 53–20	0.39	3064	30 57–20	0.38	3144	23 31–20	0.40	3224	30 53–20	0.28	3304	26 78–19	0.47
2905	27 73–20	0.34	2985	31 62–20	0.33	3065	27 54–20	0.30	3145	20 55–19	0.40	3225	21 77–20	0.28	3305	24 68–20	0.30
2906	26 57–20	0.20	2986	30 54–20	0.36	3066	26 36–20	0.21	3146	25 65–20	0.38	3226	23 51–20	0.38	3306	28 62–20	0.30
2907	33 52–20	0.33	2987	29 51–20	0.35	3067	25 62–20	0.31	3147	27 76–20	0.34	3227	33 28–20	0.32	3307	24 77–19	0.40
2908	26 54–20	0.27	2988	28 31–20	0.26	3068	27 57–20	0.28	3148	33 64–20	0.33	3228	35 18–20	0.28	3308	26 53–20	0.24
2909	29 48–20	0.27	2989	27 52–19	0.36	3069	24 53–20	0.38	3149	24 51–20	0.35	3229	23 16–20	0.32	3309	22 82–19	0.26
2910	23 79–20	0.31	2990	25 73–20	0.37	3070	26 42–19	0.36	3150	26 66–20	0.33	3230	22 72–20	0.32	3310	32 30–20	0.23
2911	28 38–20	0.29	2991	23 75–20	0.39	3071	33 10–20	0.40	3151	23 51–20	0.26	3231	24 49–20	0.32	3311	32 54–20	0.38
2912	26 42–19	0.32	2992	26 60–20	0.41	3072	24 54–20	0.40	3152	23 80–20	0.25	3232	31 51–20	0.32	3312	32 53–20	0.31
2913	24 31–20	0.38	2993	25 70–20	0.29	3073	24 69–20	0.35	3153	22 69–20	0.31	3233	29 42–20	0.33	3313	28 72–20	0.31
2914	25 77–19	0.39	2994	25 75–20	0.41	3074	26 75–20	0.39	3154	25 75–20	0.39	3234	25 78–20	0.40	3314	30 28–20	0.33
2915	24 77–20	0.32	2995	27 55–19	0.29	3075	20 81–19	0.56	3155	29 32–19	0.44	3235	24 59–20	0.40	3315	26 50–19	0.32
2916	26 67–20	0.34	2996	31 38–20	0.36	3076	27 05–20	0.36	3156	23 53–20	0.24	3236	24 77–19	0.40	3316	25 79–20	0.33
2917	22 71–20	0.28	2997	24 50–20	0.33	3077	28 42–20	0.31	3157	28 51–20	0.31	3237	32 29–20	0.24	3317	28 63–20	0.17
2918	33 52–20	0.39	2998	26 75–20	0.43	3078	31 56–19	0.34	3158	25 51–20	0.33	3238	25 53–20	0.33	3318	31 43–20	0.25
2919	31 61–20	0.37	2999	24 52–19	0.35	3079	26 31–20	0.38	3159	25 72–20	0.26	3239	23 77–19	0.39	3319	28 65–20	0.35
2920	27 81–20	0.20	3000	29 61–20	0.41	3080	24 35–20	0.27	3160	25 80–20	0.34	3240	33 76–20	0.37	3320	25 78–19	0.37
2921	29 51–20	0.38	3001	24 71–19	0.46	3081	26 52–19	0.40	3161	26 51–20	0.30	3241	25 78–19	0.39	3321	24 54–19	0.42
2922	26 54–20	0.38	3002	27 42–19	0.26	3082	26 36–20	0.35	3162	26 80–20	0.26	3242	24 79–20	0.33	3322	23 75–20	0.22
2923	25 58–20	0.45	3003	29 38–20	0.28	3083	25 54–20	0.35	3163	23 44–20	0.35	3243	26 53–20	0.41	3323	29 54–19	0.39
2924	28 54–20	0.32	3004	16 76–19	0.47	3084	25 54–20	0.35	3164	28 52–20	0.35	3244	27 23–20	0.37	3324	27 59–20	0.30
2925	27 50–20	0.39	3005	24 64–20	0.41	3085	25 49–20	0.37	3165	28 53–20	0.32	3245	24 73–20	0.39	3325	22 58–19	0.34
2926	26 42–20	0.35	3006	23 56–19	0.40	3086	18 80–19	0.28	3166	29 40–20	0.25	3246	26 71–20	0.27	3326	32 46–20	0.37
2927	24 36–20	0.27	3007	26 50–20	0.30	3087	23 54–20	0.36	3167	26 43–19	0.46	3247	29 09–20	0.33	3327	40 23–20	0.37
2928	28 68–19	0.33	3008	29 38–20	0.43	3088	27 55–20	0.25	3168	26 80–20	0.32	3248	26 33–20	0.26	3328	27 49–20	0.29
2929	27 38–20	0.28	3009	24 73–20	0.42	3089	27 64–19	0.30	3169	22 53–20	0.24	3249	25 61–20	0.34	3329	26 59–20	0.36
2930	28 55–20	0.39	3010	27 77–20	0.34	3090	26 51–20	0.39	3170	29 66–20	0.34	3250	30 08–20	0.26	3330	27 33–20	0.27
2931	28 69–20	0.29	3011	29 55–20	0.36	3091	28 54–20	0.36	3171	26 62–20	0.28	3251	32 53–20	0.45	3331	28 72–20	0.35
2932	30 53–20	0.40	3012	24 53–20	0.28	3092	23 60–19	0.36	3172	27 54–20	0.35	3252	24 81–20	0.27	3332	25 36–20	0.21
2933	26 40–20	0.26	3013	23 79–20	0.39	3093	27 55–19	0.36	3173	22 77–20	0.30	3253	24 49–19	0.33	3333	28 64–20	0.31
2934	30 60–20	0.32	3014	27 50–20	0.33	3094	24 49–20	0.26	3174	29 73–20	0.30	3254	26 82–20	0.39	3334	37 42–20	0.31
2935	24 76–20	0.34	3015	26 65–20	0.30	3095	31 79–20	0.36	3175	27 33–20	0.41	3255	21 69–20	0.34	3335	27 51–20	0.27
2936	25 66–20	0.30	3016	30 33–20	0.36	3096	27 33–20	0.36	3176	28 02–20	0.25	3256	23 76–20	0.31	3336	25 71–20	0.40
2937	21 80–20	0.46	3017	25 55–20	0.22	3097	29 53–19	0.39	3177	25 34–20	0.26	3257	25 51–19	0.37	3337	25 71–20	0.34
2938	26 80–19	0.33	3018	26 77–20	0.34	3098	23 60–19	0.42	3178	26 51–20	0.32	3258	22 79–20	0.32	3338	28 73–20	0.37
2939	27 76–20	0.32	3019	32 40–20	0.34	3099	25 40–19	0.39	3179	31 51–20	0.34	3259	28 54–20	0.19	3339	29 54–20	0.28
2940	19 60–19	0.45	3020	25 31–20	0.30	3100	25 51–20	0.38	3180	22 62–20	0.38	3260	28 51–20	0.32	3340	26 39–20	0.32
2941	26 30–20	0.35	3021	21 73–20	0.43	3101	20 78–20	0.34	3181	30 31–20	0.33	3261	32 49–20	0.30	3341	28 51–20	0.31
2942	26 32–20	0.32	3022	21 80–20	0.36	3102	20 81–20	0.40	3182	24 46–20	0.25	3262	27 67–20	0.27	3342	26 69–20	0.34
2943	30 33–20	0.35	3023	22 79–20	0.30	3103	21 82–20	0.33	3183	28 49–20	0.38	3263	25 32–20	0.36	3343	23 82–20	0.34
2944	28 35–20	0.35	3024	29 43–20	0.29	3104	25 55–20	0.23	3184	29 49–20	0.32	3264	29 34–20	0.40	3344	25 55–20	0.36
2945	30 35–20	0.36	3025	23 82–20	0.19	3105	31 07–19	0.36	3185	26 31–20	0.43	3265	24 34–20	0.38	3345	28 38–19	0.38
2946	31 41–20	0.35	3026	31 61–20	0.32	3106	32 49–20	0.28	3186	28 73–20	0.34	3266	22 78–20	0.26	3346	22 51–20	0.25
2947	24 43–20	0.30	3027	29 50–20	0.46	3107	26 52–20	0.33	3187	27 51–20	0.34	3267	24 81–20	0.27	3347	37 03–20	0.31
2948	26 69–20	0.37	3028	31 02–20	0.27	3108	27 72–20	0.39	3188	24 54–19	0.67	3268	27 51–20	0.32	3348	22 51–20	0.32
2949	31 53–20	0.33	3029	29 44–20	0.32	3109	34 24–20	0.30	3189	26 56–20	0.41	3269	23 64–19	0.42	3349	27 52–20	0.35
2950	26 62–19	0.35	3030	23 62–19	0.40	3110	29 30–20	0.38	3190	24 55–20	0.44	3270	19 82–20	0.35	3350	25 52–20	0.37
2951	32 33–20	0.34	3031	29 54–20	0.34	3111	27 52–20	0.32	3191	27 75–20	0.33	3271	16 82–20	0.44	3351	25 59–20	0.33
2952	25 55–20	0.43	3032	36 35–20	0.36	3112	27 70–20	0.34	3192	26 75–19	0.39	3272	26 38–20	0.34	3352	20 81–20	0.35
2953	30 51–20	0.33	3033	29 59–20	0.34	3113	25 63–19	0.43	3193	24 77–20	0.32	3273	23 75–20	0.33	3353	20 80–20	0.25
2954	25 44–20	0.34	3034	30 17–19	0.38	3114	26 76–20	0.38	3194	26 53–19	0.35	3274	31 53–20	0.41	3354	22 71–20	0.33
2955	26 54–20	0.39	3035	31 24–19	0.37	3115	25 55–20	0.26	3195	30 53–20	0.38	3275	25 64–20	0.38	3355	28 45–20	0.41
2956	28 74–19	0.34	3036	29 31–20	0.24	3116	27 48–20	0.29	3196	29 53–20	0.44	3276	32 74–20	0.39	3356	26 32–20	0.36
2957	30 34–20	0.27	3037	26 44–20	0.25	3117	32 55–20	0.34	3197	24 55–20	0.22	3277	31 62–20	0.36	3357	25 52–20	0.25
2958	31 69–20	0.35	3038	25 53–19	0.38	3118	31 38–20	0.23	3198	22 81–20	0.32	3278	31 39–20	0.34	3358	26 55–20	0.37
2959	31 68–20	0.39	3039	26 78–20	0.27	3119	25 72–20	0.43	3199	23 82–19	0.46	3279	25 60–20	0.34	3359	24 51–20	0.35
2960	24 47–20	0.30	3040	23 79–20	0.33	3120	26 69–20	0.32	3200	34 83–20	0.31	3280	30 33–20	0.36	3360	15 81–20	0.44

№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms
		″			″			″			″			″			″
3361	16 82–18	0.46	3441	29 55–20	0.35	3521	20 82–19	0.42	3601	26 55–19	0.44	3681	26 47–20	0.36	3761	26 36–20	0.32
3362	18 84–04	0.78	3442	29 55–20	0.29	3522	28 41–20	0.42	3602	22 76–19	0.43	3682	26 23–20	0.29	3762	25 54–20	0.36
3363	33 53–20	0.30	3443	24 38–19	0.32	3523	26 30–20	0.31	3603	24 55–20	0.30	3683	28 31–20	0.32	3763	27 28–20	0.25
3364	24 38–20	0.39	3444	27 72–20	0.33	3524	23 81–20	0.37	3604	27 60–20	0.29	3684	25 71–20	0.40	3764	24 58–20	0.33
3365	26 69–20	0.34	3445	23 74–19	0.51	3525	29 53–20	0.32	3605	25 32–20	0.31	3685	26 57–20	0.38	3765	32 56–19	0.39
3366	31 52–20	0.34	3446	24 42–20	0.36	3526	27 49–20	0.35	3606	23 39–20	0.26	3686	30 54–20	0.36	3766	28 15–20	0.32
3367	28 53–20	0.28	3447	23 42–20	0.26	3527	27 47–20	0.34	3607	25 50–20	0.38	3687	27 08–20	0.29	3767	23 75–20	0.25
3368	22 54–20	0.26	3448	26 53–20	0.34	3528	24 74–20	0.35	3608	29 66–20	0.29	3688	15 81–19	0.42	3768	27 37–20	0.31
3369	28 71–20	0.31	3449	26 78–20	0.45	3529	22 53–20	0.50	3609	25 52–20	0.34	3689	31 53–20	0.30	3769	27 53–20	0.37
3370	26 34–20	0.31	3450	29 61–19	0.40	3530	24 75–19	0.41	3610	25 50–19	0.34	3690	26 55–20	0.38	3770	20 48–19	0.68
3371	25 55–20	0.24	3451	29 83–20	0.22	3531	25 81–20	0.37	3611	22 71–20	0.33	3691	23 75–20	0.35	3771	24 54–20	0.33
3372	28 72–20	0.33	3452	26 80–20	0.36	3532	28 81–20	0.32	3612	24 78–19	0.42	3692	23 51–20	0.38	3772	24 43–20	0.26
3373	25 31–20	0.31	3453	27 35–20	0.29	3533	28 53–20	0.32	3613	24 49–20	0.25	3693	27 54–20	0.35	3773	26 49–20	0.39
3374	27 80–20	0.37	3454	26 57–20	0.33	3534	24 36–20	0.27	3614	26 52–20	0.21	3694	27 60–20	0.32	3774	28 31–20	0.26
3375	23 55–20	0.37	3455	26 67–20	0.33	3535	21 72–19	0.38	3615	37 30–20	0.36	3695	26 51–19	0.42	3775	27 31–20	0.40
3376	24 53–20	0.26	3456	29 31–20	0.36	3536	22 77–20	0.38	3616	28 50–20	0.26	3696	27 77–20	0.33	3776	24 38–19	0.29
3377	29 60–19	0.36	3457	34 69–20	0.36	3537	22 82–20	0.30	3617	26 50–20	0.28	3697	26 33–20	0.37	3777	24 81–19	0.35
3378	23 22–20	0.35	3458	31 33–19	0.35	3538	25 60–19	0.45	3618	28 62–20	0.36	3698	28 57–20	0.33	3778	31 52–19	0.40
3379	26 31–20	0.39	3459	30 53–20	0.30	3539	27 50–20	0.36	3619	21 60–20	0.37	3699	28 54–20	0.33	3779	28 40–20	0.28
3380	29 40–20	0.32	3460	27 73–20	0.35	3540	27 53–20	0.32	3620	26 55–20	0.35	3700	22 73–20	0.28	3780	30 51–20	0.36
3381	25 41–20	0.34	3461	22 68–20	0.36	3541	30 26–19	0.38	3621	29 52–20	0.38	3701	31 52–19	0.36	3781	30 36–19	0.42
3382	25 48–20	0.37	3462	24 50–20	0.40	3542	24 64–19	0.43	3622	31 33–20	0.35	3702	27 51–20	0.26	3782	27 70–19	0.35
3383	24 51–20	0.31	3463	26 23–20	0.34	3543	32 52–19	0.37	3623	28 52–20	0.33	3703	24 53–20	0.46	3783	25 68–20	0.35
3384	26 41–20	0.36	3464	24 31–20	0.31	3544	28 43–20	0.29	3624	25 60–20	0.35	3704	29 54–20	0.27	3784	28 56–20	0.24
3385	29 31–20	0.31	3465	23 66–20	0.35	3545	27 70–19	0.37	3625	27 51–20	0.27	3705	33 48–19	0.46	3785	24 79–19	0.43
3386	31 49–20	0.40	3466	27 43–20	0.36	3546	28 57–20	0.34	3626	27 29–20	0.36	3706	26 50–19	0.41	3786	23 31–20	0.23
3387	24 72–20	0.31	3467	26 29–20	0.35	3547	29 51–20	0.40	3627	24 73–20	0.33	3707	25 34–20	0.26	3787	23 31–19	0.33
3388	22 50–19	0.26	3468	23 75–19	0.35	3548	31 54–20	0.28	3628	26 30–20	0.35	3708	30 30–20	0.28	3788	28 54–20	0.31
3389	29 64–20	0.36	3469	32 18–20	0.27	3549	26 73–20	0.30	3629	21 74–20	0.29	3709	30 71–19	0.24	3789	23 28–20	0.42
3390	24 77–20	0.34	3470	29 54–19	0.37	3550	24 61–19	0.38	3630	27 50–20	0.36	3710	26 78–20	0.33	3790	27 37–20	0.43
3391	25 55–19	0.42	3471	28 58–20	0.24	3551	20 83–19	0.64	3631	32 52–20	0.28	3711	21 83–20	0.32	3791	30 51–19	0.37
3392	24 79–20	0.39	3472	26 74–20	0.40	3552	18 83–20	0.32	3632	27 76–20	0.31	3712	20 84–20	0.28	3792	19 80–20	0.28
3393	29 54–20	0.33	3473	26 24–19	0.39	3553	17 85–19	0.47	3633	26 53–19	0.36	3713	29 49–20	0.28	3793	34 61–20	0.24
3394	25 58–20	0.36	3474	27 62–20	0.39	3554	20 86–18	0.34	3634	26 54–20	0.36	3714	22 73–19	0.34	3794	30 49–20	0.41
3395	28 59–20	0.27	3475	26 61–20	0.26	3555	23 31–20	0.35	3635	18 81–20	0.40	3715	27 78–20	0.34	3795	22 57–20	0.32
3396	28 15–20	0.29	3476	25 76–20	0.26	3556	23 64–19	0.40	3636	24 54–19	0.40	3716	28 54–20	0.37	3796	26 31–20	0.33
3397	21 53–20	0.32	3477	25 69–20	0.38	3557	27 69–20	0.32	3637	28 50–20	0.25	3717	28 64–20	0.35	3797	26 58–19	0.42
3398	18 78–19	0.58	3478	29 25–20	0.34	3558	26 55–20	0.31	3638	25 81–19	0.26	3718	26 69–19	0.38	3798	22 50–20	0.35
3399	28 74–20	0.37	3479	29 53–20	0.32	3559	23 41–19	0.40	3639	27 57–20	0.35	3719	25 50–20	0.41	3799	30 55–20	0.36
3400	18 81–19	0.42	3480	25 77–19	0.40	3560	26 70–20	0.25	3640	24 55–20	0.27	3720	24 69–20	0.38	3800	20 75–20	0.34
3401	18 46–20	0.24	3481	28 67–20	0.31	3561	30 54–20	0.31	3641	28 22–19	0.42	3721	25 81–20	0.29	3801	27 54–20	0.40
3402	23 77–20	0.47	3482	28 42–20	0.33	3562	25 09–20	0.33	3642	28 36–20	0.24	3722	25 27–20	0.28	3802	26 75–20	0.37
3403	25 51–20	0.36	3483	20 76–20	0.30	3563	24 78–20	0.35	3643	29 37–20	0.31	3723	26 54–20	0.39	3803	27 76–20	0.25
3404	25 34–20	0.33	3484	23 78–20	0.33	3564	32 50–20	0.31	3644	26 31–20	0.34	3724	30 33–19	0.37	3804	28 69–20	0.37
3405	25 50–20	0.28	3485	28 82–20	0.32	3565	30 65–19	0.37	3645	25 59–20	0.34	3725	23 74–20	0.36	3805	21 81–20	0.30
3406	26 69–20	0.26	3486	26 52–19	0.39	3566	28 64–20	0.30	3646	25 79–20	0.37	3726	29 68–20	0.36	3806	26 79–19	0.49
3407	23 54–20	0.34	3487	26 57–19	0.37	3567	25 30–20	0.33	3647	28 51–20	0.28	3727	30 54–20	0.33	3807	25 55–20	0.32
3408	26 15–20	0.38	3488	23 80–20	0.34	3568	23 36–20	0.31	3648	25 53–20	0.33	3728	28 48–20	0.31	3808	22 75–20	0.33
3409	31 29–20	0.35	3489	22 74–20	0.36	3569	25 38–20	0.28	3649	28 76–20	0.36	3729	25 53–20	0.27	3809	25 50–20	0.35
3410	24 74–20	0.34	3490	24 54–20	0.38	3570	29 31–20	0.29	3650	26 56–20	0.30	3730	30 19–20	0.27	3810	23 55–19	0.30
3411	25 54–20	0.34	3491	25 74–20	0.31	3571	30 53–20	0.31	3651	24 43–20	0.37	3731	24 69–20	0.22	3811	27 12–20	0.24
3412	25 42–20	0.33	3492	26 51–20	0.29	3572	27 54–20	0.37	3652	27 77–20	0.37	3732	25 51–20	0.38	3812	24 65–20	0.25
3413	24 81–20	0.36	3493	22 76–20	0.34	3573	27 29–20	0.32	3653	22 79–19	0.36	3733	26 53–20	0.44	3813	26 54–20	0.37
3414	26 55–20	0.37	3494	29 51–20	0.34	3574	25 33–19	0.42	3654	31 39–20	0.38	3734	30 60–20	0.36	3814	31 54–20	0.37
3415	30 28–20	0.35	3495	32 35–20	0.33	3575	31 34–20	0.29	3655	30 54–20	0.34	3735	29 03–20	0.39	3815	27 55–20	0.31
3416	20 31–20	0.28	3496	19 77–20	0.42	3576	27 54–20	0.32	3656	26 52–20	0.43	3736	29 43–20	0.23	3816	22 75–20	0.29
3417	27 37–20	0.37	3497	27 41–20	0.30	3577	29 61–20	0.24	3657	26 25–20	0.31	3737	23 83–20	0.33	3817	24 49–20	0.37
3418	32 29–20	0.36	3498	25 79–20	0.41	3578	25 39–20	0.22	3658	24 55–20	0.33	3738	24 53–20	0.33	3818	25 68–20	0.37
3419	28 32–20	0.25	3499	26 79–20	0.38	3579	14 77–19	0.36	3659	28 49–20	0.43	3739	25 50–19	0.31	3819	24 51–20	0.23
3420	25 51–20	0.32	3500	24 19–19	0.50	3580	28 49–20	0.35	3660	26 50–20	0.34	3740	24 50–20	0.39	3820	26 30–20	0.29
3421	28 53–20	0.37	3501	33 55–20	0.31	3581	25 62–20	0.32	3661	30 66–20	0.34	3741	24 78–19	0.41	3821	30 51–20	0.40
3422	25 78–20	0.30	3502	33 57–20	0.34	3582	27 31–20	0.31	3662	24 54–20	0.27	3742	26 81–19	0.35	3822	24 62–19	0.35
3423	30 76–20	0.41	3503	26 74–20	0.43	3583	26 29–19	0.39	3663	24 79–19	0.44	3743	26 80–19	0.32	3823	26 66–20	0.36
3424	27 72–20	0.36	3504	29 54–20	0.36	3584	28 54–20	0.36	3664	32 51–20	0.32	3744	24 55–20	0.38	3824	25 29–20	0.33
3425	28 03–20	0.44	3505	26 78–20	0.26	3585	29 52–20	0.40	3665	24 41–20	0.45	3745	24 49–20	0.42	3825	28 52–19	0.29
3426	24 32–20	0.35	3506	27 56–20	0.28	3586	27 69–20	0.39	3666	30 38–20	0.35	3746	29 35–20	0.43	3826	24 51–19	0.38
3427	26 54–20	0.38	3507	30 65–20	0.36	3587	25 75–20	0.35	3667	22 81–20	0.27	3747	21 30–19	0.52	3827	26 59–20	0.36
3428	31 52–20	0.31	3508	27 66–20	0.33	3588	30 30–20	0.46	3668	24 82–20	0.33	3748	29 54–20	0.30	3828	29 51–20	0.31
3429	26 74–20	0.38	3509	25 57–19	0.31	3589	26 69–19	0.42	3669	26 49–20	0.32	3749	27 54–20	0.32	3829	27 49–20	0.30
3430	26 74–20	0.33	3510	25 53–20	0.33	3590	27 50–20	0.35	3670	27 81–20	0.33	3750	24 73–20	0.33	3830	26 54–20	0.27
3431	29 55–20	0.23	3511	24 55–20	0.25	3591	31 32–20	0.37	3671	15 84–19	0.54	3751	27 54–20	0.27	3831	25 06–20	0.35
3432	28 55–20	0.35	3512	22 79–19	0.45	3592	23 55–20	0.36	3672	23 55–20	0.35	3752	22 76–20	0.33	3832	29 37–19	0.49
3433	26 35–20	0.26	3513	27 65–20	0.38	3593	23 51–19	0.36	3673	25 69–20	0.32	3753	37 73–19	0.38	3833	20 71–19	0.44
3434	27 51–19	0.39	3514	27 71–20	0.32	3594	26 51–20	0.30	3674	20 63–20	0.24	3754	32 09–20	0.21	3834	25 80–20	0.42
3435	23 76–19	0.39	3515	27 54–19	0.41	3595	26 37–19	0.40	3675	26 53–20	0.26	3755	23 50–20	0.32	3835	25 53–20	0.29
3436	29 71–20	0.37	3516	29 62–20	0.36	3596	30 50–20	0.28	3676	24 50–19	0.46	3756	25 53–20	0.36	3836	26 51–20	0.32
3437	28 51–20	0.35	3517	26 51–19	0.37	3597	30 75–20	0.37	3677	23 74–20	0.35	3757	11 82–19	0.77	3837	26 62–19	0.36
3438	26 42–20	0.30	3518	26 50–20	0.28	3598	30 59–20	0.36	3678	27 50–20	0.34	3758	22 77–20	0.27	3838	23 86–20	0.46
3439	26 74–19	0.45	3519	30 37–20	0.35	3599	28 77–20	0.35	3679	28 50–20	0.34	3759	26 84–20	0.24	3839	26 71–20	0.35
3440	30 33–20	0.37	3520	24 52–19	0.34	3600	26 51–20	0.32	3680	24 31–20	0.34	3760	26 40–20	0.25	3840	25 28–20	0.32

№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms
		″			″			″			″			″			″
3841	26 73–20	0.30	3921	24 54–20	0.32	4001	23 49–20	0.39	4081	28 53–19	0.34	4161	25 60–20	0.39	4241	23 71–20	0.39
3842	26 65–20	0.33	3922	27 49–20	0.43	4002	25 50–20	0.26	4082	27 47–20	0.35	4162	25 40–20	0.46	4242	31 51–20	0.40
3843	27 53–20	0.32	3923	27 76–20	0.36	4003	31 33–20	0.30	4083	22 83–20	0.34	4163	30 41–20	0.29	4243	26 76–19	0.42
3844	29 33–20	0.28	3924	27 55–20	0.33	4004	24 60–19	0.52	4084	27 55–20	0.33	4164	25 69–19	0.33	4244	27 76–20	0.40
3845	28 79–20	0.34	3925	28 48–20	0.27	4005	26 49–20	0.31	4085	25 81–19	0.37	4165	22 73–20	0.36	4245	23 54–20	0.37
3846	26 55–19	0.40	3926	23 49–20	0.33	4006	28 65–20	0.31	4086	25 56–20	0.25	4166	23 55–19	0.37	4246	25 68–20	0.38
3847	30 37–20	0.32	3927	24 78–20	0.37	4007	26 73–20	0.41	4087	25 54–20	0.36	4167	23 78–20	0.26	4247	25 54–20	0.41
3848	26 49–20	0.36	3928	26 78–20	0.31	4008	20 77–20	0.27	4088	23 72–20	0.26	4168	21 50–20	0.33	4248	21 78–19	0.66
3849	22 76–20	0.35	3929	26 53–20	0.40	4009	30 63–20	0.38	4089	31 51–20	0.36	4169	28 64–20	0.47	4249	24 50–20	0.36
3850	23 69–20	0.38	3930	28 49–19	0.42	4010	21 77–20	0.33	4090	28 31–20	0.35	4170	28 37–20	0.24	4250	28 77–20	0.35
3851	26 50–20	0.34	3931	23 58–20	0.40	4011	25 77–19	0.39	4091	25 55–19	0.31	4171	23 82–20	0.33	4251	26 51–20	0.37
3852	27 71–20	0.36	3932	26 59–20	0.26	4012	29 44–20	0.32	4092	25 56–20	0.40	4172	27 51–20	0.44	4252	22 84–19	0.38
3853	23 81–20	0.31	3933	26 53–20	0.38	4013	30 35–20	0.36	4093	25 79–20	0.34	4173	25 54–19	0.39	4253	22 84–20	0.32
3854	19 83–20	0.28	3934	22 80–20	0.34	4014	30 50–20	0.37	4094	25 58–20	0.40	4174	31 52–20	0.34	4254	26 53–20	0.32
3855	27 46–19	0.32	3935	26 67–19	0.32	4015	21 49–20	0.48	4095	26 53–20	0.32	4175	25 51–20	0.28	4255	22 77–19	0.40
3856	28 74–20	0.36	3936	28 72–20	0.33	4016	24 49–19	0.44	4096	24 71–19	0.54	4176	31 52–20	0.33	4256	26 82–20	0.33
3857	26 58–20	0.35	3937	26 32–20	0.54	4017	26 49–20	0.36	4097	24 49–20	0.36	4177	25 84–20	0.35	4257	19 87–20	0.45
3858	22 73–20	0.36	3938	26 49–19	0.41	4018	24 78–19	0.41	4098	24 58–19	0.44	4178	29 51–20	0.42	4258	26 80–20	0.31
3859	29 49–20	0.37	3939	27 53–20	0.27	4019	23 54–20	0.41	4099	24 53–20	0.30	4179	23 34–19	0.34	4259	25 54–20	0.33
3860	28 30–20	0.31	3940	22 51–20	0.24	4020	26 53–19	0.40	4100	28 29–20	0.28	4180	24 60–20	0.38	4260	30 32–20	0.33
3861	29 10–20	0.31	3941	26 73–20	0.36	4021	22 57–20	0.37	4101	27 53–20	0.30	4181	23 38–19	0.32	4261	27 78–19	0.41
3862	25 72–20	0.32	3942	27 51–20	0.32	4022	26 52–20	0.33	4102	28 33–20	0.36	4182	27 51–20	0.30	4262	25 31–20	0.35
3863	26 71–20	0.28	3943	22 74–20	0.36	4023	24 81–20	0.40	4103	24 05–20	0.42	4183	26 59–20	0.40	4263	27 51–20	0.34
3864	25 48–20	0.38	3944	24 77–20	0.33	4024	28 31–20	0.30	4104	24 53–20	0.27	4184	24 69–20	0.34	4264	25 74–20	0.38
3865	27 78–19	0.34	3945	26 54–20	0.43	4025	26 74–20	0.36	4105	30 36–20	0.34	4185	24 53–20	0.31	4265	26 40–20	0.38
3866	31 41–20	0.33	3946	30 54–20	0.32	4026	25 82–20	0.36	4106	27 30–20	0.32	4186	26 77–20	0.25	4266	24 40–20	0.32
3867	26 41–20	0.29	3947	27 55–20	0.40	4027	23 57–20	0.39	4107	25 60–20	0.27	4187	24 78–20	0.38	4267	23 71–20	0.41
3868	25 53–20	0.26	3948	26 75–20	0.39	4028	29 54–19	0.32	4108	28 51–19	0.40	4188	31 54–20	0.29	4268	24 42–20	0.37
3869	27 53–20	0.36	3949	22 84–20	0.34	4029	27 74–20	0.32	4109	27 49–20	0.35	4189	23 55–20	0.36	4269	26 55–20	0.32
3870	27 68–20	0.25	3950	26 73–20	0.28	4030	22 55–19	0.36	4110	34 50–20	0.32	4190	24 80–20	0.30	4270	22 75–20	0.36
3871	24 79–20	0.29	3951	22 76–20	0.39	4031	17 85–20	0.26	4111	21 78–19	0.41	4191	25 80–20	0.34	4271	28 76–20	0.30
3872	25 31–19	0.30	3952	23 73–19	0.41	4032	23 72–20	0.38	4112	26 57–20	0.27	4192	27 54–20	0.31	4272	25 53–20	0.32
3873	22 84–20	0.27	3953	24 69–19	0.40	4033	23 76–20	0.38	4113	22 65–20	0.34	4193	31 54–19	0.43	4273	24 50–20	0.39
3874	25 55–20	0.31	3954	21 84–19	0.44	4034	16 86–15	0.49	4114	24 70–20	0.44	4194	28 31–20	0.29	4274	25 49–19	0.54
3875	25 35–20	0.33	3955	23 56–20	0.29	4035	29 73–20	0.31	4115	28 72–20	0.32	4195	27 53–20	0.37	4275	23 31–20	0.41
3876	26 78–20	0.30	3956	25 71–20	0.30	4036	27 52–20	0.37	4116	22 77–20	0.29	4196	32 55–20	0.35	4276	20 81–20	0.32
3877	24 60–20	0.27	3957	28 33–19	0.43	4037	24 78–20	0.29	4117	29 53–20	0.38	4197	21 54–19	0.62	4277	25 36–20	0.32
3878	25 49–19	0.43	3958	26 53–20	0.28	4038	23 62–19	0.63	4118	27 50–20	0.29	4198	26 78–20	0.42	4278	25 54–19	0.44
3879	23 47–20	0.37	3959	23 54–20	0.38	4039	26 54–20	0.29	4119	27 51–19	0.29	4199	24 76–20	0.33	4279	24 55–20	0.39
3880	20 78–20	0.24	3960	22 55–20	0.25	4040	29 50–20	0.36	4120	27 83–20	0.39	4200	23 53–20	0.38	4280	24 52–20	0.32
3881	25 25–19	0.39	3961	26 62–20	0.24	4041	28 47–20	0.25	4121	22 50–19	0.53	4201	29 50–20	0.30	4281	25 77–19	0.44
3882	26 62–19	0.35	3962	31 56–20	0.42	4042	23 74–20	0.40	4122	22 54–20	0.24	4202	24 77–20	0.31	4282	24 54–19	0.42
3883	29 34–20	0.24	3963	24 69–20	0.39	4043	25 77–20	0.38	4123	25 55–19	0.41	4203	21 82–19	0.50	4283	22 86–20	0.25
3884	27 69–20	0.38	3964	25 51–19	0.65	4044	23 77–20	0.30	4124	26 56–20	0.34	4204	24 54–20	0.31	4284	24 59–20	0.32
3885	26 54–20	0.38	3965	24 75–20	0.22	4045	27 48–20	0.26	4125	20 79–20	0.35	4205	22 80–20	0.30	4285	26 70–20	0.33
3886	24 49–20	0.36	3966	27 53–20	0.31	4046	27 53–20	0.28	4126	25 65–19	0.44	4206	29 79–20	0.34	4286	33 59–20	0.35
3887	28 55–20	0.41	3967	26 76–20	0.29	4047	25 64–20	0.39	4127	25 81–20	0.44	4207	27 31–20	0.28	4287	25 49–20	0.37
3888	22 84–20	0.30	3968	27 53–20	0.35	4048	24 54–20	0.45	4128	24 80–20	0.37	4208	26 83–20	0.31	4288	24 59–20	0.27
3889	27 55–20	0.38	3969	25 68–20	0.48	4049	31 41–20	0.38	4129	23 73–20	0.36	4209	21 69–19	0.36	4289	26 56–20	0.33
3890	23 76–20	0.34	3970	23 55–20	0.36	4050	27 50–20	0.39	4130	25 54–20	0.34	4210	27 51–20	0.34	4290	25 73–20	0.37
3891	23 74–19	0.39	3971	23 55–20	0.25	4051	28 73–19	0.38	4131	25 75–20	0.26	4211	29 35–20	0.39	4291	27 58–20	0.26
3892	24 41–20	0.33	3972	22 50–19	0.40	4052	24 33–19	0.47	4132	23 75–19	0.28	4212	25 48–20	0.42	4292	29 55–20	0.36
3893	21 77–20	0.29	3973	26 59–20	0.34	4053	24 77–20	0.37	4133	23 42–20	0.24	4213	28 69–20	0.40	4293	27 50–19	0.34
3894	25 78–20	0.27	3974	27 54–20	0.31	4054	24 73–19	0.46	4134	24 61–20	0.37	4214	26 53–20	0.35	4294	27 51–20	0.40
3895	24 55–20	0.23	3975	28 50–20	0.32	4055	20 85–20	0.31	4135	27 29–20	0.34	4215	24 82–20	0.32	4295	22 60–20	0.43
3896	28 50–20	0.25	3976	29 43–20	0.30	4056	25 42–20	0.33	4136	25 50–19	0.42	4216	25 74–20	0.39	4296	23 35–20	0.35
3897	27 42–20	0.35	3977	25 78–20	0.27	4057	28 85–19	0.43	4137	26 54–20	0.33	4217	22 44–20	0.24	4297	25 38–20	0.38
3898	27 54–19	0.39	3978	27 65–20	0.24	4058	24 72–20	0.27	4138	32 56–20	0.36	4218	25 49–19	0.39	4298	25 41–20	0.40
3899	34 48–20	0.33	3979	28 74–20	0.38	4059	29 54–20	0.25	4139	28 75–20	0.33	4219	26 78–20	0.36	4299	23 52–20	0.33
3900	24 74–20	0.33	3980	25 54–20	0.44	4060	29 42–19	0.35	4140	25 76–20	0.30	4220	25 53–20	0.42	4300	26 53–20	0.35
3901	27 54–20	0.34	3981	30 65–20	0.33	4061	28 51–20	0.38	4141	21 74–20	0.34	4221	25 54–20	0.34	4301	30 51–19	0.38
3902	26 34–20	0.28	3982	26 30–20	0.32	4062	24 32–20	0.40	4142	18 70–20	0.20	4222	26 68–20	0.27	4302	31 51–20	0.34
3903	29 51–20	0.30	3983	27 56–20	0.32	4063	29 43–19	0.25	4143	29 54–20	0.39	4223	27 53–20	0.26	4303	21 73–20	0.36
3904	21 47–20	0.22	3984	23 69–20	0.42	4064	24 51–20	0.32	4144	26 79–19	0.38	4224	26 61–20	0.26	4304	25 69–20	0.35
3905	24 80–20	0.24	3985	27 52–20	0.26	4065	22 53–20	0.36	4145	22 67–20	0.35	4225	23 54–20	0.32	4305	28 49–20	0.38
3906	26 56–20	0.19	3986	23 29–20	0.27	4066	24 30–20	0.35	4146	25 38–20	0.38	4226	31 31–20	0.30	4306	29 37–19	0.42
3907	28 04–20	0.29	3987	24 69–20	0.32	4067	26 38–20	0.40	4147	25 71–20	0.32	4227	24 42–20	0.31	4307	23 76–20	0.32
3908	16 80–19	0.45	3988	17 86–20	0.42	4068	27 73–19	0.28	4148	26 35–20	0.29	4228	25 68–20	0.38	4308	23 78–20	0.30
3909	26 51–20	0.25	3989	25 49–20	0.41	4069	24 62–20	0.38	4149	26 77–20	0.34	4229	25 38–20	0.41	4309	26 73–19	0.44
3910	26 54–20	0.34	3990	26 72–20	0.26	4070	24 53–20	0.29	4150	29 57–20	0.33	4230	30 51–20	0.38	4310	26 55–20	0.35
3911	32 40–19	0.32	3991	24 70–20	0.33	4071	25 76–20	0.56	4151	29 68–20	0.35	4231	23 76–19	0.33	4311	23 63–19	0.40
3912	25 37–20	0.34	3992	27 53–20	0.25	4072	26 72–20	0.30	4152	25 76–20	0.30	4232	21 77–20	0.32	4312	24 30–20	0.37
3913	22 86–20	0.32	3993	29 49–20	0.35	4073	28 53–20	0.38	4153	27 79–19	0.35	4233	27 76–20	0.40	4313	25 33–20	0.35
3914	29 50–20	0.29	3994	33 36–20	0.36	4074	28 52–20	0.31	4154	23 56–20	0.32	4234	28 49–20	0.37	4314	27 55–20	0.33
3915	28 26–20	0.30	3995	27 58–20	0.29	4075	26 53–20	0.36	4155	24 77–20	0.41	4235	28 63–20	0.36	4315	23 78–19	0.35
3916	28 72–20	0.42	3996	24 39–20	0.32	4076	31 60–20	0.32	4156	22 17–20	0.25	4236	30 34–19	0.40	4316	28 72–20	0.35
3917	28 61–20	0.36	3997	26 31–20	0.37	4077	26 35–20	0.26	4157	24 34–20	0.30	4237	27 54–20	0.32	4317	24 80–20	0.26
3918	22 31–20	0.31	3998	22 43–20	0.28	4078	25 76–20	0.24	4158	27 54–20	0.30	4238	28 69–20	0.36	4318	27 57–20	0.29
3919	27 49–20	0.36	3999	31 43–20	0.34	4079	27 75–19	0.42	4159	28 40–20	0.22	4239	25 77–20	0.42	4319	22 77–20	0.38
3920	24 48–20	0.31	4000	30 54–20	0.35	4080	27 41–20	0.35	4160	28 75–20	0.34	4240	27 54–20	0.40	4320	23 53–20	0.36

№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms
		″			″			″			″			″			″
4321	24 78–20	0.38	4401	10 85–19	0.41	4481	28 52–20	0.41	4561	22 53–20	0.39	4641	24 61–20	0.41	4721	21 73–20	0.37
4322	26 55–19	0.44	4402	27 75–20	0.28	4482	20 77–20	0.30	4562	24 55–20	0.34	4642	28 77–20	0.35	4722	27 77–20	0.32
4323	25 51–20	0.30	4403	23 75–20	0.36	4483	22 86–20	0.23	4563	25 55–20	0.39	4643	26 68–20	0.38	4723	25 37–19	0.45
4324	28 24–20	0.27	4404	25 79–20	0.33	4484	25 64–20	0.31	4564	22 78–20	0.37	4644	21 85–19	0.28	4724	23 61–20	0.31
4325	26 75–19	0.37	4405	26 82–20	0.33	4485	26 53–20	0.28	4565	23 54–19	0.31	4645	26 31–20	0.37	4725	25 75–20	0.28
4326	27 50–20	0.41	4406	31 33–19	0.43	4486	24 74–19	0.43	4566	24 81–20	0.29	4646	24 49–20	0.36	4726	27 53–20	0.36
4327	24 82–19	0.29	4407	22 70–20	0.35	4487	17 87–20	0.42	4567	24 78–20	0.39	4647	25 31–19	0.39	4727	25 79–20	0.39
4328	23 61–20	0.38	4408	24 49–19	0.34	4488	25 32–20	0.38	4568	27 73–20	0.50	4648	24 31–19	0.53	4728	24 54–20	0.41
4329	24 50–20	0.43	4409	27 64–20	0.34	4489	26 88–19	0.26	4569	25 56–20	0.31	4649	25 31–20	0.22	4729	24 47–19	0.35
4330	25 59–20	0.41	4410	23 73–20	0.36	4490	22 85–20	0.25	4570	26 55–20	0.28	4650	25 30–20	0.35	4730	23 32–20	0.30
4331	26 50–20	0.34	4411	25 73–20	0.36	4491	21 80–19	0.37	4571	29 55–20	0.36	4651	29 55–20	0.38	4731	21 79–20	0.39
4332	24 33–20	0.33	4412	32 54–20	0.44	4492	24 51–19	0.51	4572	26 56–19	0.39	4652	21 75–20	0.30	4732	25 55–20	0.27
4333	22 73–19	0.38	4413	25 60–20	0.35	4493	26 41–20	0.28	4573	27 51–20	0.27	4653	25 76–20	0.33	4733	24 51–20	0.36
4334	26 78–20	0.36	4414	20 60–20	0.39	4494	25 72–19	0.41	4574	26 55–20	0.30	4654	25 51–19	0.50	4734	23 81–19	0.48
4335	27 55–20	0.33	4415	22 50–19	0.40	4495	25 72–20	0.32	4575	29 60–20	0.30	4655	23 53–20	0.36	4735	22 50–20	0.31
4336	23 70–19	0.47	4416	22 54–19	0.42	4496	27 55–19	0.37	4576	27 55–20	0.27	4656	26 77–20	0.40	4736	18 83–19	0.28
4337	26 33–20	0.37	4417	25 31–19	0.32	4497	27 31–20	0.29	4577	23 47–20	0.30	4657	29 55–20	0.36	4737	28 54–20	0.40
4338	24 78–20	0.38	4418	25 31–20	0.31	4498	25 71–20	0.26	4578	25 54–20	0.48	4658	28 50–20	0.37	4738	24 52–19	0.51
4339	21 46–20	0.44	4419	28 32–20	0.39	4499	27 31–20	0.48	4579	24 78–19	0.39	4659	21 77–20	0.37	4739	27 58–20	0.34
4340	21 79–19	0.25	4420	28 36–20	0.34	4500	29 31–20	0.42	4580	24 52–20	0.32	4660	15 81–20	0.46	4740	22 58–20	0.42
4341	20 87–18	0.50	4421	23 42–20	0.34	4501	27 51–20	0.38	4581	12 89–20	0.41	4661	24 63–19	0.39	4741	27 71–20	0.39
4342	27 50–20	0.36	4422	28 42–20	0.34	4502	30 41–20	0.26	4582	22 80–20	0.34	4662	23 70–20	0.37	4742	22 84–20	0.34
4343	28 56–20	0.32	4423	25 49–20	0.31	4503	15 80–19	0.58	4583	25 53–20	0.35	4663	24 55–20	0.26	4743	23 58–19	0.38
4344	30 54–20	0.43	4424	25 49–20	0.26	4504	26 53–20	0.33	4584	24 71–19	0.46	4664	26 51–19	0.37	4744	25 55–20	0.28
4345	27 51–20	0.39	4425	23 52–20	0.38	4505	28 43–20	0.25	4585	26 72–20	0.37	4665	26 80–20	0.43	4745	24 74–20	0.40
4346	29 54–20	0.34	4426	32 36–20	0.34	4506	28 49–20	0.33	4586	25 55–19	0.36	4666	23 86–20	0.26	4746	26 72–20	0.34
4347	29 78–19	0.40	4427	25 71–20	0.31	4507	30 32–20	0.35	4587	13 60–20	0.34	4667	23 71–20	0.42	4747	21 78–19	0.34
4348	32 53–20	0.31	4428	23 55–20	0.35	4508	25 51–20	0.35	4588	22 31–19	0.33	4668	25 53–20	0.37	4748	23 80–20	0.24
4349	27 31–20	0.30	4429	23 54–20	0.43	4509	24 17–20	0.28	4589	24 33–20	0.41	4669	23 74–19	0.40	4749	26 76–19	0.33
4350	24 72–20	0.29	4430	20 78–20	0.38	4510	26 30–20	0.32	4590	21 68–19	0.38	4670	21 80–19	0.52	4750	24 51–20	0.38
4351	27 55–20	0.31	4431	27 62–19	0.35	4511	23 35–20	0.24	4591	24 75–20	0.40	4671	24 55–20	0.37	4751	32 54–20	0.35
4352	26 48–20	0.25	4432	24 64–20	0.43	4512	27 39–19	0.33	4592	26 51–20	0.40	4672	25 71–20	0.27	4752	27 51–20	0.39
4353	25 31–20	0.27	4433	24 54–20	0.32	4513	24 71–20	0.28	4593	25 54–20	0.37	4673	25 59–20	0.23	4753	24 77–20	0.36
4354	26 54–20	0.41	4434	23 77–20	0.38	4514	24 72–19	0.40	4594	22 54–19	0.41	4674	21 85–20	0.31	4754	28 77–20	0.31
4355	23 60–20	0.34	4435	19 78–20	0.30	4515	28 53–20	0.34	4595	22 81–20	0.39	4675	29 55–19	0.48	4755	24 31–20	0.37
4356	25 60–20	0.41	4436	26 51–20	0.28	4516	30 54–20	0.37	4596	16 81–20	0.51	4676	25 52–19	0.35	4756	27 50–19	0.39
4357	28 73–19	0.34	4437	25 75–20	0.29	4517	25 71–20	0.48	4597	28 52–20	0.33	4677	25 54–20	0.35	4757	28 51–19	0.46
4358	25 09–20	0.31	4438	28 54–20	0.31	4518	22 52–20	0.41	4598	27 80–20	0.38	4678	26 53–20	0.38	4758	29 49–20	0.34
4359	26 35–20	0.33	4439	24 54–19	0.42	4519	28 55–20	0.33	4599	27 50–20	0.38	4679	28 69–20	0.35	4759	26 77–20	0.36
4360	25 64–20	0.35	4440	21 84–20	0.26	4520	24 55–20	0.32	4600	26 51–20	0.31	4680	21 37–20	0.32	4760	22 55–20	0.38
4361	28 54–20	0.40	4441	26 78–20	0.43	4521	23 79–20	0.36	4601	24 33–20	0.32	4681	24 69–20	0.34	4761	19 81–20	0.36
4362	25 52–20	0.38	4442	23 78–20	0.35	4522	27 50–20	0.31	4602	24 55–20	0.31	4682	20 32–20	0.39	4762	23 64–20	0.35
4363	22 67–20	0.32	4443	22 72–20	0.33	4523	24 79–20	0.37	4603	25 30–19	0.35	4683	32 35–20	0.33	4763	26 72–19	0.28
4364	24 78–19	0.37	4444	22 85–20	0.35	4524	23 53–19	0.36	4604	22 71–20	0.41	4684	23 78–19	0.37	4764	21 81–20	0.30
4365	30 53–20	0.39	4445	25 37–20	0.36	4525	23 55–20	0.30	4605	23 32–20	0.33	4685	30 54–20	0.41	4765	17 83–20	0.34
4366	32 52–20	0.35	4446	27 77–20	0.31	4526	23 82–20	0.22	4606	26 53–20	0.32	4686	22 79–20	0.34	4766	23 81–20	0.35
4367	23 30–20	0.32	4447	30 74–20	0.34	4527	23 82–20	0.45	4607	22 75–20	0.33	4687	28 51–20	0.40	4767	25 53–20	0.31
4368	24 77–20	0.26	4448	24 64–20	0.24	4528	26 65–19	0.32	4608	25 52–20	0.33	4688	4 80–11	0.79	4768	25 81–20	0.26
4369	27 40–20	0.53	4449	27 53–19	0.37	4529	27 81–20	0.29	4609	26 69–20	0.32	4689	24 64–20	0.38	4769	15 89–16	0.58
4370	26 51–20	0.35	4450	23 37–20	0.41	4530	26 53–20	0.36	4610	26 49–19	0.38	4690	19 82–20	0.65	4770	24 50–20	0.31
4371	25 51–20	0.35	4451	24 54–20	0.23	4531	20 75–20	0.27	4611	23 65–19	0.27	4691	24 73–20	0.36	4771	24 67–19	0.39
4372	24 69–20	0.37	4452	24 73–20	0.28	4532	25 59–20	0.27	4612	26 54–20	0.33	4692	25 73–20	0.32	4772	25 71–20	0.33
4373	21 75–20	0.36	4453	23 59–20	0.35	4533	22 57–20	0.30	4613	30 29–20	0.30	4693	23 76–20	0.32	4773	24 70–20	0.32
4374	24 69–20	0.33	4454	27 53–20	0.43	4534	23 80–20	0.38	4614	26 36–20	0.33	4694	26 81–20	0.42	4774	25 64–20	0.32
4375	25 42–19	0.39	4455	29 49–20	0.28	4535	24 57–20	0.34	4615	23 23–20	0.33	4695	24 81–19	0.33	4775	25 27–19	0.42
4376	26 50–20	0.36	4456	23 55–20	0.37	4536	25 50–20	0.39	4616	28 51–20	0.36	4696	25 51–20	0.33	4776	23 75–20	0.46
4377	23 87–20	0.36	4457	25 54–20	0.27	4537	29 51–20	0.28	4617	26 76–20	0.27	4697	24 71–20	0.43	4777	23 76–20	0.40
4378	24 13–20	0.25	4458	26 52–20	0.37	4538	24 69–20	0.29	4618	21 43–19	0.49	4698	25 75–20	0.34	4778	26 78–20	0.36
4379	26 49–20	0.30	4459	27 24–20	0.32	4539	23 79–20	0.33	4619	26 66–19	0.38	4699	24 78–20	0.40	4779	30 54–20	0.36
4380	25 35–19	0.36	4460	24 55–20	0.21	4540	25 62–20	0.31	4620	26 54–20	0.39	4700	23 49–20	0.29	4780	21 79–20	0.38
4381	30 52–19	0.32	4461	28 42–20	0.30	4541	26 29–20	0.35	4621	25 53–19	0.37	4701	29 54–20	0.40	4781	24 61–20	0.36
4382	28 68–20	0.34	4462	27 52–20	0.35	4542	27 72–20	0.23	4622	24 54–20	0.42	4702	25 73–20	0.32	4782	27 51–20	0.32
4383	25 79–20	0.33	4463	28 54–20	0.40	4543	27 55–20	0.31	4623	26 76–20	0.39	4703	26 51–20	0.31	4783	23 83–20	0.33
4384	21 33–20	0.26	4464	21 55–20	0.33	4544	10 89–20	0.46	4624	25 69–20	0.35	4704	21 73–19	0.36	4784	26 53–20	0.40
4385	28 60–20	0.35	4465	22 69–20	0.40	4545	27 52–20	0.35	4625	25 50–19	0.40	4705	24 70–20	0.29	4785	24 78–20	0.37
4386	24 54–20	0.40	4466	31 54–20	0.37	4546	28 49–20	0.32	4626	24 50–20	0.36	4706	22 71–20	0.36	4786	23 70–20	0.31
4387	27 54–20	0.32	4467	22 75–20	0.25	4547	29 09–20	0.26	4627	27 51–19	0.36	4707	28 53–20	0.39	4787	25 54–19	0.38
4388	22 64–20	0.33	4468	24 51–19	0.41	4548	24 50–20	0.37	4628	27 56–19	0.21	4708	26 88–20	0.33	4788	22 76–19	0.38
4389	27 54–20	0.32	4469	23 74–19	0.51	4549	24 54–20	0.42	4629	23 73–20	0.44	4709	29 51–20	0.36	4789	26 76–20	0.34
4390	23 76–20	0.37	4470	28 73–20	0.36	4550	29 71–20	0.39	4630	24 74–20	0.37	4710	24 76–20	0.31	4790	22 78–20	0.36
4391	23 77–20	0.40	4471	25 78–20	0.34	4551	23 79–20	0.41	4631	23 55–20	0.30	4711	25 69–20	0.27	4791	24 88–20	0.29
4392	21 70–19	0.40	4472	23 70–20	0.37	4552	21 49–20	0.40	4632	21 77–19	0.38	4712	26 31–20	0.28	4792	26 88–20	0.35
4393	32 49–20	0.41	4473	25 79–19	0.41	4553	23 51–20	0.32	4633	28 63–20	0.38	4713	20 76–20	0.24	4793	23 54–20	0.40
4394	24 71–20	0.41	4474	25 81–20	0.45	4554	29 76–20	0.30	4634	24 79–19	0.38	4714	27 36–20	0.31	4794	23 71–20	0.41
4395	26 55–20	0.40	4475	21 33–20	0.38	4555	23 53–20	0.36	4635	26 65–20	0.35	4715	26 54–20	0.27	4795	21 74–19	0.39
4396	26 55–20	0.32	4476	23 78–20	0.35	4556	26 80–20	0.36	4636	24 31–19	0.42	4716	25 54–20	0.28	4796	24 74–20	0.40
4397	22 77–20	0.34	4477	22 57–19	0.37	4557	27 55–20	0.28	4637	26 84–20	0.36	4717	27 31–19	0.43	4797	22 78–20	0.37
4398	25 77–20	0.31	4478	25 51–20	0.36	4558	23 75–20	0.28	4638	26 55–19	0.40	4718	21 77–20	0.31	4798	27 54–20	0.35
4399	24 51–20	0.29	4479	25 72–20	0.39	4559	24 72–20	0.30	4639	25 54–20	0.34	4719	23 69–19	0.41	4799	25 77–19	0.37
4400	24 55–20	0.34	4480	22 36–20	0.43	4560	25 54–20	0.33	4640	23 38–20	0.33	4720	25 40–20	0.33	4800	26 79–20	0.35

№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms
		″			″			″			″			″			″
4801	22 85–20	0.32	4881	22 75–20	0.39	4961	27 30–20	0.33	5041	27 53–20	0.43	5121	24 41–20	0.38	5201	16 39–19	0.56
4802	22 49–20	0.41	4882	24 56–20	0.37	4962	26 52–20	0.29	5042	24 29–20	0.26	5122	27 52–20	0.34	5202	20 79–19	0.36
4803	29 50–20	0.36	4883	23 69–20	0.39	4963	24 74–20	0.29	5043	26 74–20	0.34	5123	28 79–19	0.46	5203	26 33–20	0.35
4804	24 56–19	0.34	4884	25 53–20	0.35	4964	22 79–20	0.35	5044	22 77–20	0.36	5124	25 82–20	0.39	5204	25 75–20	0.42
4805	29 53–20	0.32	4885	26 53–20	0.44	4965	26 71–20	0.42	5045	26 54–20	0.40	5125	24 76–20	0.36	5205	25 54–20	0.38
4806	26 53–20	0.35	4886	22 54–20	0.34	4966	23 81–20	0.41	5046	23 79–19	0.35	5126	26 53–19	0.39	5206	22 88–19	0.37
4807	24 29–20	0.38	4887	24 54–20	0.40	4967	26 58–20	0.31	5047	24 58–20	0.35	5127	23 69–20	0.47	5207	21 84–20	0.39
4808	22 25–20	0.30	4888	24 81–20	0.35	4968	25 54–20	0.33	5048	29 51–20	0.39	5128	25 52–20	0.38	5208	26 53–20	0.28
4809	21 28–20	0.36	4889	24 79–19	0.38	4969	24 77–20	0.31	5049	25 57–20	0.36	5129	23 49–19	0.33	5209	24 55–20	0.35
4810	22 55–19	0.32	4890	23 82–20	0.36	4970	26 76–20	0.34	5050	28 53–20	0.41	5130	27 55–20	0.28	5210	24 70–20	0.40
4811	27 55–20	0.40	4891	26 33–19	0.37	4971	27 67–20	0.34	5051	22 49–20	0.34	5131	26 78–20	0.34	5211	22 79–20	0.33
4812	21 50–20	0.40	4892	26 60–20	0.30	4972	26 50–20	0.44	5052	22 50–20	0.36	5132	25 73–20	0.32	5212	23 79–20	0.36
4813	22 77–20	0.35	4893	25 51–19	0.40	4973	25 71–20	0.29	5053	24 79–19	0.41	5133	27 53–20	0.30	5213	30 54–20	0.30
4814	29 53–20	0.37	4894	24 51–20	0.30	4974	25 52–20	0.31	5054	22 54–20	0.36	5134	29 47–20	0.28	5214	26 53–20	0.37
4815	24 79–20	0.42	4895	24 55–20	0.36	4975	27 71–20	0.34	5055	30 75–20	0.37	5135	23 69–20	0.31	5215	27 54–20	0.26
4816	22 81–20	0.31	4896	26 85–20	0.26	4976	27 50–20	0.23	5056	22 82–19	0.36	5136	25 54–20	0.32	5216	24 41–20	0.25
4817	25 57–20	0.37	4897	27 50–20	0.33	4977	20 60–20	0.39	5057	26 59–20	0.35	5137	23 82–20	0.32	5217	22 66–20	0.43
4818	28 33–20	0.42	4898	17 82–20	0.32	4978	23 69–19	0.45	5058	25 50–20	0.39	5138	25 51–20	0.35	5218	21 69–19	0.44
4819	24 53–20	0.41	4899	22 77–20	0.28	4979	27 49–20	0.41	5059	21 86–19	0.30	5139	27 56–20	0.32	5219	27 54–20	0.40
4820	24 43–20	0.30	4900	24 78–20	0.33	4980	30 74–19	0.44	5060	24 57–19	0.46	5140	26 50–20	0.34	5220	27 54–20	0.34
4821	30 62–20	0.36	4901	23 50–20	0.39	4981	27 74–20	0.31	5061	26 53–20	0.33	5141	27 50–20	0.43	5221	27 80–20	0.39
4822	22 71–19	0.39	4902	27 54–20	0.30	4982	24 77–20	0.35	5062	22 81–20	0.37	5142	26 21–20	0.33	5222	25 52–20	0.30
4823	25 51–20	0.36	4903	28 53–20	0.38	4983	25 72–20	0.38	5063	23 54–20	0.39	5143	27 53–19	0.36	5223	20 81–20	0.37
4824	21 77–19	0.37	4904	23 74–20	0.26	4984	23 51–20	0.41	5064	19 90–20	0.34	5144	33 49–20	0.27	5224	17 82–19	0.40
4825	22 73–20	0.36	4905	24 29–20	0.25	4985	24 71–19	0.43	5065	24 42–20	0.38	5145	30 77–18	0.49	5225	29 29–20	0.42
4826	23 82–20	0.27	4906	24 54–20	0.37	4986	23 79–19	0.39	5066	24 54–20	0.38	5146	24 53–20	0.38	5226	20 51–20	0.34
4827	25 54–20	0.37	4907	25 60–20	0.33	4987	23 80–20	0.35	5067	24 75–20	0.30	5147	25 50–20	0.32	5227	22 86–20	0.37
4828	24 88–20	0.30	4908	23 33–20	0.42	4988	24 71–20	0.41	5068	24 53–20	0.33	5148	23 60–19	0.43	5228	26 75–20	0.36
4829	25 88–20	0.48	4909	25 49–20	0.36	4989	19 81–19	0.48	5069	26 30–20	0.32	5149	26 50–19	0.42	5229	26 30–20	0.36
4830	25 76–20	0.36	4910	27 53–20	0.34	4990	22 71–20	0.42	5070	28 51–20	0.32	5150	27 52–20	0.30	5230	22 83–20	0.37
4831	27 51–20	0.37	4911	24 53–20	0.24	4991	20 81–20	0.37	5071	22 73–20	0.41	5151	25 62–20	0.38	5231	24 88–20	0.29
4832	26 88–20	0.32	4912	23 53–20	0.36	4992	24 78–20	0.31	5072	26 31–20	0.40	5152	21 31–20	0.42	5232	28 55–20	0.31
4833	26 89–19	0.28	4913	22 65–20	0.40	4993	23 83–20	0.36	5073	24 43–20	0.35	5153	23 40–19	0.28	5233	27 82–20	0.43
4834	25 86–20	0.33	4914	24 69–20	0.24	4994	25 65–20	0.38	5074	28 49–20	0.32	5154	27 31–20	0.38	5234	24 89–20	0.31
4835	22 79–19	0.41	4915	22 69–20	0.41	4995	19 71–19	0.44	5075	21 69–20	0.37	5155	26 63–20	0.35	5235	27 69–20	0.29
4836	27 86–20	0.30	4916	29 38–20	0.26	4996	23 78–20	0.37	5076	24 52–20	0.33	5156	23 68–20	0.39	5236	24 31–20	0.31
4837	22 78–20	0.26	4917	24 55–20	0.36	4997	20 86–19	0.44	5077	21 74–20	0.35	5157	26 54–20	0.36	5237	24 31–19	0.44
4838	24 67–20	0.29	4918	23 74–20	0.41	4998	26 55–20	0.29	5078	25 74–20	0.40	5158	23 53–20	0.41	5238	24 51–20	0.31
4839	23 51–19	0.37	4919	23 33–20	0.37	4999	25 66–20	0.33	5079	21 75–19	0.31	5159	25 54–20	0.38	5239	25 31–20	0.35
4840	25 55–20	0.29	4920	26 77–20	0.34	5000	22 79–20	0.44	5080	24 24–20	0.28	5160	21 79–20	0.36	5240	24 73–20	0.28
4841	25 75–20	0.36	4921	25 35–20	0.40	5001	25 52–20	0.31	5081	22 68–20	0.38	5161	27 51–20	0.33	5241	25 78–20	0.36
4842	24 48–20	0.38	4922	23 56–20	0.41	5002	21 83–20	0.39	5082	24 55–20	0.40	5162	26 52–20	0.29	5242	24 79–20	0.39
4843	25 08–19	0.39	4923	20 72–19	0.39	5003	22 71–19	0.37	5083	21 77–20	0.29	5163	24 29–20	0.31	5243	25 53–20	0.42
4844	27 55–20	0.34	4924	20 81–19	0.44	5004	22 78–20	0.35	5084	26 51–20	0.35	5164	17 63–20	0.28	5244	29 55–20	0.36
4845	23 74–20	0.33	4925	25 54–20	0.31	5005	20 78–20	0.38	5085	22 77–20	0.37	5165	24 54–20	0.38	5245	25 54–20	0.33
4846	29 54–20	0.39	4926	29 53–19	0.40	5006	26 32–19	0.32	5086	24 78–19	0.35	5166	25 74–20	0.39	5246	23 79–20	0.39
4847	23 60–20	0.39	4927	26 72–19	0.43	5007	25 75–20	0.41	5087	27 78–20	0.39	5167	25 51–20	0.32	5247	23 82–20	0.27
4848	29 29–20	0.34	4928	22 82–19	0.41	5008	25 49–20	0.33	5088	24 79–20	0.34	5168	22 79–19	0.28	5248	22 83–19	0.40
4849	24 36–20	0.38	4929	24 49–20	0.34	5009	25 57–19	0.37	5089	23 77–20	0.32	5169	20 69–19	0.40	5249	26 54–20	0.35
4850	27 53–20	0.34	4930	25 50–20	0.31	5010	25 55–20	0.30	5090	24 34–20	0.30	5170	27 69–20	0.37	5250	25 82–20	0.34
4851	21 49–20	0.28	4931	24 81–20	0.23	5011	17 60–18	0.42	5091	28 51–20	0.35	5171	21 53–20	0.36	5251	21 81–20	0.33
4852	25 54–19	0.38	4932	23 84–20	0.35	5012	31 54–19	0.43	5092	25 50–20	0.33	5172	23 80–20	0.42	5252	22 78–20	0.38
4853	25 71–19	0.39	4933	26 53–20	0.38	5013	24 54–20	0.33	5093	27 69–20	0.34	5173	25 86–19	0.36	5253	18 78–20	0.36
4854	26 52–20	0.45	4934	24 81–20	0.28	5014	28 74–20	0.36	5094	28 53–19	0.42	5174	27 55–20	0.38	5254	25 86–19	0.32
4855	24 75–20	0.41	4935	25 51–20	0.35	5015	26 75–19	0.39	5095	23 67–20	0.38	5175	22 54–20	0.27	5255	22 54–19	0.38
4856	27 72–20	0.25	4936	25 50–20	0.38	5016	22 76–20	0.39	5096	23 81–20	0.28	5176	25 35–20	0.32	5256	24 55–20	0.26
4857	19 84–20	0.26	4937	24 80–20	0.32	5017	23 77–20	0.36	5097	25 66–20	0.44	5177	21 80–20	0.38	5257	27 82–20	0.40
4858	21 85–19	0.41	4938	22 86–20	0.37	5018	21 77–19	0.42	5098	21 79–19	0.41	5178	23 71–20	0.35	5258	25 89–19	0.37
4859	24 79–20	0.36	4939	25 54–20	0.35	5019	24 53–20	0.32	5099	25 54–20	0.32	5179	26 66–20	0.35	5259	26 80–20	0.35
4860	22 80–20	0.31	4940	29 54–20	0.36	5020	22 53–19	0.46	5100	25 78–20	0.33	5180	21 78–19	0.40	5260	26 50–20	0.36
4861	27 56–20	0.35	4941	23 69–19	0.47	5021	28 82–20	0.40	5101	24 69–20	0.37	5181	23 81–19	0.37	5261	17 79–20	0.43
4862	25 76–20	0.34	4942	24 55–20	0.40	5022	26 30–20	0.32	5102	23 39–20	0.35	5182	22 52–20	0.30	5262	30 41–20	0.29
4863	28 58–20	0.36	4943	22 79–20	0.33	5023	26 85–19	0.36	5103	26 50–20	0.37	5183	23 82–20	0.27	5263	29 80–20	0.32
4864	27 57–20	0.41	4944	25 51–20	0.39	5024	22 73–20	0.33	5104	22 86–19	0.33	5184	22 81–20	0.36	5264	27 65–19	0.27
4865	23 77–20	0.42	4945	24 54–20	0.39	5025	24 86–19	0.43	5105	22 82–20	0.27	5185	28 33–20	0.36	5265	26 60–20	0.39
4866	26 72–20	0.31	4946	25 50–19	0.41	5026	26 53–20	0.41	5106	25 85–20	0.33	5186	24 59–20	0.24	5266	20 71–20	0.36
4867	24 88–20	0.29	4947	14 78–18	0.44	5027	27 88–20	0.40	5107	26 85–20	0.33	5187	26 54–19	0.39	5267	24 55–20	0.33
4868	19 83–20	0.39	4948	21 59–19	0.38	5028	27 85–19	0.42	5108	20 52–20	0.33	5188	25 38–20	0.33	5268	22 58–20	0.29
4869	25 55–20	0.33	4949	21 78–20	0.36	5029	24 71–20	0.35	5109	22 87–20	0.39	5189	17 90–20	0.26	5269	21 78–20	0.38
4870	26 31–20	0.29	4950	24 86–20	0.34	5030	23 50–20	0.34	5110	24 37–20	0.39	5190	24 69–20	0.28	5270	24 75–20	0.27
4871	24 80–20	0.38	4951	22 31–20	0.33	5031	24 53–20	0.41	5111	24 62–19	0.33	5191	26 74–20	0.38	5271	25 54–20	0.36
4872	24 50–19	0.38	4952	23 75–19	0.32	5032	22 80–20	0.37	5112	20 71–20	0.35	5192	28 63–20	0.23	5272	25 54–20	0.46
4873	24 55–20	0.28	4953	26 74–19	0.44	5033	28 55–20	0.34	5113	21 88–19	0.56	5193	30 09–20	0.31	5273	21 82–20	0.35
4874	26 50–20	0.29	4954	24 75–20	0.34	5034	23 77–20	0.36	5114	23 86–20	0.36	5194	23 51–20	0.40	5274	23 54–19	0.49
4875	26 31–20	0.35	4955	25 84–20	0.33	5035	24 78–19	0.40	5115	24 85–20	0.35	5195	21 55–19	0.37	5275	24 52–20	0.39
4876	27 71–20	0.34	4956	23 78–20	0.41	5036	28 65–20	0.35	5116	25 70–20	0.35	5196	23 71–20	0.39	5276	23 87–20	0.38
4877	23 51–19	0.36	4957	19 76–19	0.50	5037	21 60–20	0.35	5117	28 55–20	0.37	5197	23 71–19	0.53	5277	20 78–20	0.41
4878	24 68–20	0.38	4958	29 31–20	0.25	5038	23 48–20	0.35	5118	25 53–20	0.33	5198	27 75–20	0.34	5278	23 78–20	0.35
4879	24 74–20	0.32	4959	30 50–20	0.25	5039	25 67–20	0.38	5119	28 54–20	0.42	5199	23 81–20	0.29	5279	23 30–19	0.31
4880	22 75–20	0.28	4960	27 60–20	0.38	5040	22 71–20	0.28	5120	28 88–20	0.35	5200	26 51–20	0.38	5280	22 79–20	0.35

№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms
		″			″			″			″			″			″
5281	25 88–20	0.31	5361	29 75–20	0.30	5441	26 54–20	0.30	5521	25 52–20	0.32	5601	22 33–19	0.37	5681	23 54–19	0.56
5282	23 83–20	0.35	5362	28 76–20	0.36	5442	24 82–20	0.44	5522	24 54–20	0.37	5602	22 75–20	0.36	5682	23 49–20	0.34
5283	27 51–19	0.36	5363	23 71–20	0.33	5443	25 80–20	0.36	5523	23 80–19	0.38	5603	30 73–20	0.32	5683	24 34–19	0.42
5284	25 53–19	0.36	5364	24 53–20	0.35	5444	26 75–20	0.40	5524	27 50–20	0.29	5604	17 85–20	0.29	5684	22 77–19	0.39
5285	27 56–20	0.34	5365	22 78–20	0.41	5445	25 70–19	0.38	5525	24 50–20	0.35	5605	22 42–20	0.32	5685	28 35–20	0.26
5286	29 49–20	0.35	5366	23 71–20	0.42	5446	26 80–19	0.41	5526	24 48–20	0.34	5606	24 40–20	0.39	5686	21 53–20	0.39
5287	26 71–19	0.36	5367	23 61–20	0.31	5447	25 81–20	0.35	5527	23 54–20	0.39	5607	27 72–20	0.35	5687	30 32–20	0.27
5288	25 30–20	0.29	5368	29 80–20	0.37	5448	29 31–20	0.27	5528	27 54–20	0.27	5608	29 76–20	0.39	5688	24 81–20	0.38
5289	29 55–20	0.34	5369	25 34–20	0.34	5449	26 81–20	0.32	5529	20 60–20	0.36	5609	28 55–20	0.42	5689	23 52–20	0.38
5290	24 57–20	0.30	5370	10 86–16	0.64	5450	30 50–20	0.34	5530	23 55–20	0.35	5610	23 77–20	0.39	5690	18 74–20	0.31
5291	26 61–20	0.37	5371	23 76–20	0.42	5451	25 60–20	0.45	5531	22 73–20	0.33	5611	22 43–20	0.50	5691	23 51–20	0.29
5292	24 76–20	0.22	5372	22 76–20	0.35	5452	26 56–20	0.29	5532	30 32–20	0.40	5612	24 75–20	0.34	5692	26 49–20	0.34
5293	24 78–20	0.27	5373	27 53–20	0.34	5453	23 75–20	0.35	5533	25 35–20	0.38	5613	27 76–20	0.37	5693	23 84–20	0.35
5294	28 51–20	0.25	5374	24 80–20	0.34	5454	25 74–20	0.39	5534	23 41–20	0.30	5614	24 55–20	0.37	5694	24 55–20	0.32
5295	28 54–20	0.32	5375	23 81–20	0.43	5455	22 54–20	0.34	5535	22 42–20	0.35	5615	23 80–20	0.37	5695	24 50–20	0.33
5296	29 54–20	0.38	5376	20 71–20	0.32	5456	22 79–19	0.38	5536	25 54–20	0.34	5616	23 77–19	0.41	5696	25 60–20	0.33
5297	25 73–20	0.34	5377	23 78–20	0.34	5457	27 48–20	0.32	5537	22 64–20	0.37	5617	24 55–20	0.38	5697	26 60–20	0.40
5298	26 66–20	0.40	5378	19 75–20	0.25	5458	23 72–20	0.35	5538	21 64–19	0.41	5618	22 54–20	0.36	5698	27 71–20	0.37
5299	27 69–19	0.38	5379	23 81–20	0.31	5459	24 55–20	0.41	5539	24 65–20	0.34	5619	23 78–20	0.33	5699	21 77–20	0.36
5300	22 74–20	0.37	5380	22 80–20	0.33	5460	22 80–20	0.36	5540	23 71–20	0.37	5620	16 55–19	0.40	5700	24 77–20	0.36
5301	26 55–20	0.36	5381	13 91–17	0.51	5461	24 83–20	0.27	5541	27 53–20	0.38	5621	23 55–20	0.38	5701	26 29–20	0.38
5302	25 51–20	0.37	5382	25 71–20	0.31	5462	24 54–20	0.38	5542	24 78–20	0.27	5622	24 43–20	0.28	5702	25 31–20	0.42
5303	28 71–20	0.35	5383	26 54–20	0.40	5463	22 31–20	0.34	5543	26 54–20	0.38	5623	27 71–20	0.34	5703	22 31–20	0.32
5304	24 76–20	0.35	5384	20 53–20	0.29	5464	21 72–19	0.38	5544	21 76–20	0.33	5624	27 50–20	0.33	5704	24 50–20	0.35
5305	29 38–20	0.39	5385	25 55–20	0.37	5465	27 71–20	0.42	5545	24 78–20	0.42	5625	26 55–20	0.34	5705	23 53–20	0.38
5306	30 49–20	0.35	5386	23 75–20	0.33	5466	24 75–20	0.35	5546	24 76–20	0.47	5626	24 70–20	0.31	5706	29 49–20	0.43
5307	21 80–20	0.38	5387	23 55–20	0.39	5467	19 88–20	0.34	5547	23 80–20	0.31	5627	18 86–19	0.32	5707	20 53–20	0.34
5308	22 78–20	0.34	5388	19 79–20	0.34	5468	25 51–19	0.32	5548	24 80–20	0.38	5628	26 79–20	0.39	5708	23 48–20	0.40
5309	26 75–20	0.40	5389	23 70–20	0.35	5469	23 77–20	0.39	5549	23 81–19	0.45	5629	29 34–20	0.31	5709	26 77–19	0.41
5310	22 60–19	0.42	5390	20 81–20	0.26	5470	20 77–19	0.47	5550	26 54–20	0.34	5630	24 49–20	0.38	5710	21 77–20	0.38
5311	24 81–19	0.48	5391	24 50–20	0.37	5471	26 32–20	0.26	5551	23 82–20	0.35	5631	25 50–20	0.40	5711	24 78–20	0.34
5312	24 53–19	0.40	5392	21 86–19	0.55	5472	24 71–20	0.42	5552	26 31–20	0.37	5632	25 84–20	0.28	5712	26 51–20	0.40
5313	23 58–20	0.39	5393	19 86–19	0.42	5473	24 55–20	0.32	5553	22 81–20	0.32	5633	25 30–20	0.33	5713	22 82–19	0.42
5314	25 82–20	0.31	5394	25 51–20	0.34	5474	22 71–20	0.32	5554	22 75–20	0.32	5634	22 78–20	0.47	5714	27 82–20	0.38
5315	25 31–19	0.44	5395	21 76–19	0.48	5475	19 73–20	0.34	5555	22 55–20	0.34	5635	21 81–20	0.39	5715	27 53–20	0.39
5316	26 82–20	0.33	5396	23 50–20	0.37	5476	30 52–20	0.39	5556	22 51–20	0.40	5636	28 51–20	0.33	5716	24 71–20	0.39
5317	26 70–20	0.29	5397	27 64–20	0.34	5477	20 89–20	0.31	5557	28 54–20	0.31	5637	26 53–20	0.46	5717	25 78–20	0.36
5318	25 71–20	0.38	5398	24 82–20	0.31	5478	23 85–20	0.31	5558	22 78–20	0.36	5638	29 88–20	0.33	5718	22 83–19	0.45
5319	26 51–20	0.37	5399	24 78–19	0.42	5479	23 55–20	0.32	5559	21 80–19	0.34	5639	18 51–19	0.40	5719	26 63–20	0.41
5320	24 79–20	0.34	5400	25 54–20	0.41	5480	26 53–20	0.32	5560	23 62–20	0.36	5640	22 63–20	0.38	5720	19 51–19	0.38
5321	25 31–20	0.27	5401	25 52–20	0.31	5481	21 70–19	0.59	5561	22 30–20	0.29	5641	21 73–20	0.28	5721	22 80–20	0.41
5322	27 55–20	0.34	5402	21 86–20	0.29	5482	25 84–20	0.40	5562	24 50–20	0.33	5642	20 75–20	0.37	5722	21 82–19	0.40
5323	24 49–20	0.41	5403	25 74–20	0.28	5483	26 77–20	0.31	5563	26 42–20	0.28	5643	23 51–19	0.36	5723	23 69–20	0.39
5324	12 87–19	0.60	5404	24 79–20	0.32	5484	25 51–19	0.31	5564	23 51–20	0.34	5644	25 51–20	0.31	5724	21 38–19	0.37
5325	21 88–20	0.24	5405	23 69–20	0.34	5485	25 51–20	0.39	5565	28 52–20	0.28	5645	13 74–18	0.41	5725	20 53–20	0.30
5326	21 71–20	0.34	5406	29 49–20	0.29	5486	24 55–19	0.34	5566	23 81–20	0.40	5646	22 90–20	0.36	5726	22 88–20	0.35
5327	24 50–20	0.36	5407	23 51–20	0.30	5487	24 53–20	0.41	5567	27 53–20	0.36	5647	24 58–20	0.29	5727	24 55–20	0.30
5328	22 54–20	0.42	5408	23 54–19	0.38	5488	25 51–20	0.24	5568	23 53–20	0.34	5648	26 50–20	0.32	5728	22 76–20	0.38
5329	26 78–20	0.32	5409	24 49–20	0.34	5489	26 52–20	0.25	5569	21 74–20	0.34	5649	15 75–19	0.40	5729	24 88–19	0.46
5330	22 90–19	0.51	5410	22 67–20	0.39	5490	23 60–20	0.43	5570	25 76–20	0.38	5650	24 54–20	0.25	5730	26 71–20	0.37
5331	23 84–20	0.33	5411	23 60–20	0.33	5491	21 66–19	0.34	5571	26 53–20	0.29	5651	26 77–20	0.28	5731	19 88–18	0.36
5332	22 73–19	0.44	5412	23 31–20	0.37	5492	22 59–20	0.31	5572	27 71–20	0.41	5652	29 55–20	0.37	5732	25 55–20	0.43
5333	25 54–20	0.32	5413	28 71–20	0.34	5493	25 54–20	0.39	5573	23 55–20	0.37	5653	22 74–20	0.35	5733	26 76–19	0.39
5334	22 49–20	0.35	5414	27 77–20	0.37	5494	27 33–20	0.35	5574	25 65–20	0.32	5654	25 56–20	0.33	5734	23 80–19	0.41
5335	2 91–92	0.68	5415	24 54–20	0.38	5495	22 72–20	0.33	5575	28 50–20	0.37	5655	22 73–20	0.33	5735	24 54–20	0.37
5336	27 69–19	0.36	5416	26 70–19	0.40	5496	12 73–17	0.54	5576	27 54–20	0.29	5656	24 20–20	0.46	5736	21 78–20	0.29
5337	30 51–20	0.38	5417	23 81–19	0.41	5497	25 52–20	0.32	5577	19 76–20	0.28	5657	23 36–19	0.29	5737	22 77–20	0.36
5338	29 65–20	0.37	5418	22 76–20	0.35	5498	27 53–20	0.36	5578	26 78–20	0.35	5658	25 50–20	0.39	5738	14 80–19	0.48
5339	28 54–20	0.38	5419	25 76–20	0.37	5499	23 50–20	0.36	5579	21 86–20	0.33	5659	22 68–20	0.42	5739	24 81–19	0.35
5340	24 60–19	0.40	5420	23 82–20	0.38	5500	22 55–20	0.33	5580	22 51–20	0.36	5660	15 74–20	0.54	5740	22 42–20	0.31
5341	23 54–20	0.42	5421	22 82–20	0.37	5501	25 67–20	0.35	5581	21 76–19	0.44	5661	26 77–20	0.31	5741	26 54–20	0.36
5342	21 54–19	0.41	5422	25 51–20	0.37	5502	24 81–20	0.38	5582	25 84–20	0.43	5662	22 55–20	0.37	5742	26 82–20	0.26
5343	22 53–20	0.35	5423	24 76–20	0.33	5503	22 85–20	0.40	5583	28 70–20	0.35	5663	21 78–20	0.37	5743	24 53–19	0.42
5344	24 69–20	0.33	5424	24 69–19	0.34	5504	24 49–20	0.32	5584	22 86–20	0.37	5664	24 53–20	0.38	5744	24 50–19	0.37
5345	22 78–19	0.48	5425	24 55–20	0.37	5505	24 71–19	0.46	5585	17 81–19	0.33	5665	24 53–20	0.35	5745	22 28–20	0.35
5346	26 70–19	0.44	5426	19 85–20	0.29	5506	23 71–19	0.47	5586	26 49–20	0.37	5666	26 51–20	0.33	5746	21 75–20	0.40
5347	27 51–20	0.36	5427	21 49–20	0.29	5507	22 83–19	0.42	5587	24 53–19	0.37	5667	25 49–20	0.38	5747	24 77–20	0.22
5348	27 49–20	0.34	5428	26 54–20	0.39	5508	23 69–20	0.33	5588	23 81–20	0.34	5668	23 54–19	0.37	5748	23 83–20	0.36
5349	19 74–18	0.43	5429	24 54–19	0.45	5509	22 78–20	0.41	5589	25 55–20	0.34	5669	23 80–20	0.38	5749	24 82–20	0.28
5350	26 33–19	0.35	5430	22 70–20	0.26	5510	22 49–20	0.39	5590	7 90–96	0.63	5670	23 81–20	0.23	5750	24 70–20	0.29
5351	25 69–20	0.38	5431	20 81–20	0.33	5511	30 51–20	0.38	5591	24 81–20	0.36	5671	25 54–20	0.34	5751	21 89–20	0.54
5352	24 48–20	0.32	5432	25 71–20	0.37	5512	24 52–20	0.34	5592	23 55–20	0.31	5672	24 56–20	0.33	5752	21 55–19	0.38
5353	26 31–20	0.47	5433	22 55–20	0.35	5513	22 78–20	0.34	5593	28 53–19	0.35	5673	24 61–20	0.34	5753	24 59–20	0.33
5354	28 50–20	0.38	5434	24 50–19	0.36	5514	22 71–19	0.43	5594	23 81–19	0.32	5674	24 56–20	0.38	5754	23 35–20	0.33
5355	27 56–20	0.29	5435	24 83–20	0.24	5515	24 51–20	0.36	5595	24 55–20	0.32	5675	25 50–20	0.35	5755	24 51–20	0.27
5356	24 76–20	0.26	5436	26 86–19	0.44	5516	23 83–20	0.36	5596	22 81–19	0.32	5676	24 55–20	0.33	5756	22 60–20	0.34
5357	27 50–20	0.52	5437	22 81–20	0.35	5517	24 80–20	0.30	5597	23 53–20	0.35	5677	27 54–20	0.34	5757	26 67–20	0.45
5358	27 51–20	0.27	5438	26 53–20	0.23	5518	26 54–20	0.32	5598	24 62–20	0.30	5678	21 53–20	0.49	5758	24 53–20	0.35
5359	24 42–20	0.36	5439	29 51–20	0.42	5519	26 68–20	0.39	5599	24 72–20	0.33	5679	26 69–20	0.40	5759	23 54–20	0.39
5360	21 75–20	0.52	5440	23 75–20	0.36	5520	25 51–20	0.38	5600	22 81–20	0.31	5680	28 32–20	0.41	5760	25 78–20	0.39

№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms
		″			″			″			″			″			″
5761	15 81–18	0.43	5841	18 54–19	0.51	5921	26 78–20	0.32	6001	24 76–20	0.37	6081	22 78–20	0.44	6161	22 71–20	0.29
5762	24 77–20	0.38	5842	22 86–20	0.30	5922	26 50–20	0.28	6002	33 53–20	0.41	6082	24 53–20	0.37	6162	23 71–20	0.38
5763	22 71–20	0.41	5843	23 76–20	0.39	5923	26 80–20	0.39	6003	23 80–19	0.41	6083	22 27–20	0.33	6163	20 77–20	0.31
5764	21 85–20	0.40	5844	22 76–19	0.34	5924	27 44–20	0.34	6004	24 50–20	0.35	6084	22 50–20	0.29	6164	23 30–20	0.36
5765	19 86–20	0.27	5845	27 72–20	0.39	5925	25 43–20	0.37	6005	21 89–20	0.34	6085	20 87–20	0.40	6165	23 53–20	0.33
5766	23 55–20	0.37	5846	22 76–20	0.38	5926	25 29–20	0.47	6006	25 72–20	0.38	6086	23 60–20	0.29	6166	23 70–20	0.34
5767	22 79–20	0.39	5847	23 81–20	0.32	5927	24 38–20	0.40	6007	23 75–20	0.38	6087	19 86–20	0.37	6167	22 79–19	0.39
5768	22 79–20	0.32	5848	25 53–20	0.42	5928	27 73–20	0.37	6008	23 88–20	0.37	6088	26 53–19	0.43	6168	27 79–20	0.40
5769	23 81–20	0.32	5849	25 83–19	0.24	5929	21 74–20	0.31	6009	23 57–20	0.24	6089	21 62–19	0.43	6169	23 81–20	0.42
5770	26 64–20	0.37	5850	21 74–20	0.43	5930	24 50–20	0.38	6010	23 53–20	0.32	6090	31 54–19	0.31	6170	19 54–20	0.31
5771	22 82–19	0.39	5851	24 71–20	0.27	5931	25 76–20	0.32	6011	26 72–20	0.33	6091	22 55–20	0.34	6171	22 81–20	0.36
5772	24 55–20	0.30	5852	22 53–20	0.29	5932	26 76–19	0.43	6012	23 77–20	0.36	6092	23 50–19	0.34	6172	19 53–20	0.31
5773	22 85–19	0.38	5853	25 50–20	0.35	5933	24 73–20	0.39	6013	23 76–20	0.38	6093	24 75–20	0.39	6173	29 77–20	0.28
5774	21 53–20	0.34	5854	26 76–19	0.38	5934	24 76–20	0.42	6014	26 55–20	0.37	6094	22 71–19	0.35	6174	24 78–20	0.31
5775	23 55–20	0.29	5855	26 43–20	0.30	5935	24 77–20	0.33	6015	23 71–20	0.32	6095	24 51–20	0.37	6175	27 53–20	0.37
5776	23 84–20	0.31	5856	22 54–20	0.30	5936	26 79–20	0.33	6016	23 59–19	0.38	6096	23 54–20	0.43	6176	26 55–20	0.32
5777	25 52–20	0.33	5857	23 75–20	0.40	5937	25 50–19	0.43	6017	23 52–20	0.38	6097	23 42–20	0.35	6177	22 50–19	0.38
5778	24 82–20	0.23	5858	26 41–19	0.34	5938	22 55–19	0.39	6018	22 49–20	0.36	6098	22 79–20	0.42	6178	14 77–19	0.41
5779	25 80–20	0.38	5859	23 54–20	0.33	5939	20 81–20	0.36	6019	28 54–20	0.26	6099	23 35–20	0.40	6179	22 52–20	0.37
5780	26 62–20	0.33	5860	25 51–20	0.37	5940	24 54–20	0.28	6020	22 55–20	0.37	6100	22 50–20	0.39	6180	24 71–20	0.38
5781	25 51–20	0.30	5861	23 72–20	0.41	5941	27 72–20	0.39	6021	24 53–20	0.32	6101	24 56–20	0.37	6181	22 54–20	0.58
5782	25 55–20	0.36	5862	21 83–20	0.36	5942	25 78–20	0.29	6022	21 82–20	0.41	6102	22 89–20	0.38	6182	23 53–20	0.41
5783	22 73–19	0.34	5863	16 83–19	0.44	5943	23 82–20	0.38	6023	24 52–20	0.34	6103	26 49–19	0.33	6183	20 87–20	0.30
5784	21 78–20	0.33	5864	22 83–19	0.42	5944	25 55–20	0.33	6024	23 33–20	0.32	6104	24 76–20	0.34	6184	25 79–20	0.34
5785	23 51–20	0.27	5865	26 73–20	0.36	5945	24 51–20	0.33	6025	28 54–20	0.28	6105	22 60–19	0.43	6185	23 54–20	0.28
5786	24 91–19	0.42	5866	24 54–20	0.44	5946	21 82–19	0.45	6026	27 76–20	0.34	6106	27 54–20	0.38	6186	22 66–19	0.45
5787	22 51–19	0.35	5867	19 80–20	0.47	5947	23 85–20	0.29	6027	24 54–20	0.32	6107	19 48–20	0.32	6187	28 54–20	0.40
5788	24 53–20	0.37	5868	24 62–20	0.43	5948	24 54–20	0.40	6028	21 69–19	0.46	6108	22 71–19	0.40	6188	25 79–20	0.38
5789	20 60–20	0.47	5869	16 77–19	0.34	5949	22 81–20	0.34	6029	20 48–20	0.31	6109	23 75–20	0.37	6189	24 73–20	0.42
5790	26 50–20	0.41	5870	25 75–20	0.41	5950	23 50–20	0.36	6030	26 78–20	0.40	6110	21 62–19	0.36	6190	25 51–20	0.41
5791	27 51–20	0.38	5871	22 74–20	0.31	5951	28 52–20	0.32	6031	27 75–20	0.32	6111	25 56–20	0.36	6191	26 55–19	0.37
5792	25 54–20	0.31	5872	21 55–20	0.37	5952	28 51–20	0.35	6032	27 71–20	0.34	6112	24 72–20	0.36	6192	21 76–20	0.30
5793	23 75–20	0.33	5873	22 79–20	0.43	5953	23 84–19	0.34	6033	24 49–20	0.38	6113	25 50–20	0.39	6193	21 49–19	0.37
5794	25 54–20	0.46	5874	22 78–20	0.32	5954	24 53–20	0.35	6034	19 83–19	0.42	6114	24 78–20	0.34	6194	22 68–20	0.35
5795	24 50–20	0.28	5875	22 85–20	0.26	5955	22 85–19	0.35	6035	21 87–20	0.37	6115	22 84–20	0.36	6195	25 56–20	0.41
5796	26 54–19	0.41	5876	25 50–19	0.39	5956	25 59–20	0.33	6036	23 88–20	0.38	6116	28 48–19	0.39	6196	21 81–20	0.35
5797	7 53–19	0.60	5877	22 51–19	0.33	5957	23 88–20	0.34	6037	15 88–18	0.63	6117	23 54–20	0.30	6197	22 83–20	0.34
5798	24 43–20	0.29	5878	23 54–19	0.31	5958	21 55–19	0.42	6038	23 74–20	0.32	6118	22 77–20	0.37	6198	22 82–20	0.35
5799	23 75–20	0.36	5879	13 92–19	0.43	5959	26 49–20	0.31	6039	28 51–20	0.35	6119	23 51–20	0.34	6199	23 50–20	0.25
5800	30 54–19	0.45	5880	28 53–19	0.42	5960	23 73–20	0.34	6040	24 79–20	0.41	6120	20 69–19	0.40	6200	22 50–20	0.39
5801	25 53–20	0.34	5881	26 68–20	0.38	5961	26 53–20	0.35	6041	22 90–20	0.36	6121	24 55–20	0.37	6201	24 68–20	0.38
5802	25 51–19	0.34	5882	27 53–20	0.44	5962	25 54–20	0.37	6042	25 79–20	0.44	6122	23 51–20	0.35	6202	19 71–20	0.40
5803	23 54–20	0.34	5883	22 54–20	0.32	5963	25 54–20	0.40	6043	24 82–20	0.39	6123	27 55–20	0.38	6203	26 50–20	0.40
5804	21 70–20	0.31	5884	25 60–19	0.44	5964	26 15–20	0.38	6044	23 71–20	0.41	6124	25 71–20	0.35	6204	23 50–20	0.42
5805	24 85–20	0.28	5885	25 73–20	0.32	5965	23 54–20	0.32	6045	23 71–20	0.41	6125	23 51–20	0.33	6205	21 83–19	0.36
5806	20 54–20	0.29	5886	28 50–20	0.27	5966	26 79–20	0.38	6046	21 55–20	0.38	6126	23 53–20	0.32	6206	24 78–20	0.38
5807	26 79–20	0.36	5887	24 55–20	0.35	5967	20 54–20	0.29	6047	13 85–20	0.44	6127	21 84–20	0.35	6207	22 83–20	0.40
5808	24 87–20	0.26	5888	26 51–20	0.36	5968	20 89–20	0.38	6048	24 49–19	0.39	6128	23 55–19	0.39	6208	20 81–20	0.38
5809	28 49–20	0.38	5889	24 79–20	0.30	5969	21 85–20	0.38	6049	26 75–20	0.40	6129	27 50–20	0.35	6209	23 79–19	0.42
5810	22 85–19	0.40	5890	23 79–20	0.29	5970	23 78–20	0.40	6050	22 53–20	0.38	6130	6 84–16	0.41	6210	26 82–20	0.32
5811	25 51–20	0.32	5891	24 51–20	0.31	5971	25 52–20	0.33	6051	24 81–20	0.33	6131	22 77–20	0.38	6211	22 78–20	0.54
5812	23 70–20	0.31	5892	20 71–19	0.35	5972	24 74–20	0.26	6052	25 69–20	0.26	6132	23 86–20	0.36	6212	25 74–20	0.32
5813	26 54–20	0.30	5893	27 82–20	0.31	5973	23 51–19	0.33	6053	18 76–19	0.27	6133	23 78–20	0.39	6213	22 60–20	0.41
5814	25 51–20	0.31	5894	25 50–20	0.31	5974	28 55–20	0.36	6054	21 55–19	0.39	6134	22 89–20	0.35	6214	28 71–20	0.39
5815	26 82–20	0.33	5895	21 82–19	0.40	5975	23 70–20	0.32	6055	22 77–20	0.41	6135	26 60–20	0.32	6215	25 73–20	0.41
5816	23 81–20	0.33	5896	23 54–19	0.36	5976	21 42–20	0.29	6056	24 77–20	0.34	6136	27 50–20	0.32	6216	25 55–20	0.38
5817	20 59–20	0.25	5897	23 84–20	0.38	5977	27 49–20	0.32	6057	26 54–20	0.32	6137	25 56–20	0.25	6217	22 75–19	0.41
5818	23 82–20	0.36	5898	24 77–20	0.38	5978	29 51–20	0.33	6058	23 55–20	0.35	6138	25 51–20	0.39	6218	23 77–19	0.40
5819	22 69–20	0.38	5899	19 78–19	0.38	5979	24 55–20	0.30	6059	22 79–20	0.39	6139	23 66–19	0.32	6219	24 55–20	0.35
5820	22 76–20	0.41	5900	24 30–20	0.31	5980	22 30–20	0.34	6060	22 80–19	0.37	6140	24 50–20	0.37	6220	24 78–19	0.42
5821	23 54–19	0.50	5901	25 76–20	0.41	5981	23 60–19	0.52	6061	26 53–20	0.36	6141	18 83–20	0.25	6221	26 53–20	0.41
5822	23 38–20	0.41	5902	26 87–20	0.30	5982	25 71–20	0.35	6062	26 51–20	0.36	6142	26 47–20	0.40	6222	23 80–20	0.30
5823	25 51–20	0.51	5903	23 80–20	0.39	5983	23 54–19	0.50	6063	19 60–19	0.28	6143	29 51–20	0.36	6223	26 49–20	0.37
5824	21 54–20	0.25	5904	25 53–20	0.36	5984	22 77–20	0.38	6064	23 71–20	0.38	6144	26 54–19	0.49	6224	21 78–20	0.39
5825	26 51–20	0.40	5905	20 89–20	0.22	5985	22 42–20	0.30	6065	21 87–19	0.64	6145	21 60–20	0.44	6225	20 55–20	0.44
5826	32 58–20	0.40	5906	19 51–19	0.46	5986	23 55–20	0.37	6066	21 54–20	0.43	6146	24 73–20	0.39	6226	22 76–20	0.42
5827	22 80–20	0.34	5907	27 88–20	0.42	5987	22 75–20	0.39	6067	28 56–20	0.25	6147	21 77–20	0.31	6227	26 76–20	0.41
5828	22 82–18	0.31	5908	24 79–19	0.46	5988	23 76–20	0.35	6068	27 56–20	0.41	6148	19 77–20	0.32	6228	23 53–19	0.34
5829	24 30–20	0.43	5909	24 42–20	0.35	5989	22 73–20	0.41	6069	24 78–20	0.35	6149	21 77–19	0.63	6229	24 83–20	0.45
5830	20 81–19	0.42	5910	26 53–19	0.43	5990	24 70–20	0.33	6070	24 50–20	0.40	6150	28 54–20	0.45	6230	23 84–20	0.43
5831	25 38–20	0.34	5911	24 62–20	0.40	5991	27 49–20	0.34	6071	24 68–20	0.29	6151	25 55–20	0.32	6231	23 85–20	0.34
5832	24 84–20	0.30	5912	21 85–20	0.37	5992	24 55–20	0.36	6072	26 71–20	0.31	6152	22 80–20	0.36	6232	23 77–20	0.37
5833	23 78–20	0.24	5913	24 67–20	0.28	5993	22 81–20	0.35	6073	26 39–20	0.31	6153	24 52–20	0.33	6233	21 51–19	0.42
5834	25 72–20	0.29	5914	26 64–20	0.26	5994	23 50–20	0.38	6074	26 54–19	0.37	6154	22 55–20	0.43	6234	22 75–19	0.35
5835	23 55–20	0.41	5915	22 76–19	0.38	5995	25 54–20	0.35	6075	28 76–20	0.37	6155	23 88–20	0.33	6235	24 50–20	0.34
5836	24 81–20	0.40	5916	24 77–20	0.33	5996	24 61–20	0.31	6076	24 59–19	0.36	6156	25 34–19	0.37	6236	22 54–19	0.45
5837	26 60–20	0.44	5917	24 52–20	0.32	5997	20 55–20	0.35	6077	27 54–20	0.33	6157	22 50–20	0.39	6237	29 55–20	0.37
5838	23 73–20	0.35	5918	25 53–20	0.38	5998	27 31–20	0.37	6078	23 80–20	0.33	6158	23 49–19	0.39	6238	25 55–20	0.30
5839	26 51–19	0.29	5919	29 31–19	0.41	5999	19 87–19	0.36	6079	23 81–20	0.34	6159	21 87–20	0.34	6239	16 83–20	0.37
5840	22 77–20	0.37	5920	22 53–20	0.28	6000	22 87–20	0.25	6080	23 77–20	0.40	6160	22 72–20	0.36	6240	23 78–20	0.43

№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms
		″			″			″			″			″			″
6241	22 53–19	0.52	6321	23 51–20	0.31	6401	24 51–20	0.33	6481	23 50–20	0.38	6561	25 84–20	0.37	6641	25 56–20	0.33
6242	24 53–20	0.36	6322	13 83–19	0.43	6402	24 79–19	0.41	6482	22 78–19	0.42	6562	22 55–20	0.36	6642	25 53–20	0.32
6243	22 51–19	0.40	6323	21 70–20	0.38	6403	21 91–20	0.35	6483	24 54–20	0.44	6563	23 72–20	0.37	6643	22 79–20	0.40
6244	23 33–20	0.34	6324	21 50–20	0.31	6404	26 49–20	0.41	6484	23 55–20	0.29	6564	16 92–19	0.36	6644	28 09–20	0.37
6245	24 54–20	0.29	6325	24 55–19	0.38	6405	22 55–19	0.32	6485	19 55–20	0.25	6565	22 77–20	0.40	6645	26 78–20	0.43
6246	19 84–19	0.31	6326	21 78–20	0.35	6406	24 77–20	0.35	6486	22 91–20	0.39	6566	24 77–20	0.40	6646	17 83–20	0.27
6247	21 90–20	0.36	6327	25 50–19	0.38	6407	25 51–19	0.37	6487	21 73–20	0.39	6567	23 54–20	0.35	6647	23 69–20	0.38
6248	25 51–20	0.41	6328	25 75–19	0.39	6408	28 67–20	0.40	6488	22 86–19	0.42	6568	23 54–19	0.37	6648	24 78–19	0.41
6249	21 54–20	0.24	6329	20 53–19	0.29	6409	23 70–20	0.33	6489	7 91–15	0.69	6569	16 83–20	0.51	6649	26 55–20	0.42
6250	19 83–20	0.34	6330	24 54–19	0.37	6410	24 77–20	0.33	6490	21 82–20	0.29	6570	25 55–20	0.29	6650	21 87–20	0.36
6251	25 54–20	0.38	6331	21 79–20	0.35	6411	22 85–20	0.40	6491	10 91–19	0.51	6571	23 60–20	0.38	6651	23 51–20	0.37
6252	23 77–20	0.46	6332	28 69–19	0.38	6412	22 75–20	0.34	6492	24 72–20	0.38	6572	22 77–20	0.33	6652	23 91–20	0.34
6253	21 82–20	0.36	6333	24 54–20	0.35	6413	23 73–19	0.38	6493	19 82–20	0.35	6573	28 51–19	0.44	6653	25 51–19	0.42
6254	22 88–20	0.33	6334	22 61–20	0.37	6414	22 55–20	0.39	6494	24 49–20	0.36	6574	26 55–19	0.32	6654	23 90–20	0.36
6255	25 75–19	0.39	6335	21 88–20	0.36	6415	24 78–19	0.42	6495	23 74–20	0.32	6575	23 78–20	0.44	6655	24 64–20	0.30
6256	18 60–19	0.44	6336	24 53–20	0.32	6416	26 53–19	0.41	6496	23 54–20	0.36	6576	30 51–20	0.38	6656	25 54–20	0.32
6257	20 71–20	0.35	6337	25 54–20	0.39	6417	23 80–20	0.42	6497	22 53–20	0.42	6577	20 78–20	0.31	6657	21 78–20	0.44
6258	27 51–20	0.37	6338	22 87–19	0.33	6418	21 71–19	0.36	6498	24 54–20	0.34	6578	23 76–20	0.42	6658	22 77–20	0.36
6259	22 72–20	0.40	6339	20 49–20	0.40	6419	25 81–19	0.24	6499	22 51–20	0.33	6579	20 53–19	0.43	6659	22 77–20	0.32
6260	23 49–20	0.30	6340	26 78–20	0.36	6420	24 54–20	0.32	6500	23 70–20	0.28	6580	23 51–19	0.41	6660	21 51–19	0.37
6261	18 76–20	0.34	6341	25 62–20	0.27	6421	23 31–19	0.46	6501	22 56–20	0.41	6581	21 81–20	0.37	6661	24 73–20	0.35
6262	28 71–20	0.33	6342	25 76–20	0.38	6422	22 86–20	0.29	6502	25 55–20	0.35	6582	27 53–20	0.33	6662	23 82–19	0.29
6263	20 80–20	0.39	6343	26 53–20	0.49	6423	21 40–20	0.32	6503	23 49–20	0.41	6583	22 71–20	0.32	6663	24 51–20	0.33
6264	20 80–19	0.40	6344	24 52–19	0.41	6424	25 75–20	0.29	6504	23 55–20	0.41	6584	24 53–20	0.35	6664	23 54–19	0.37
6265	22 79–20	0.38	6345	26 78–20	0.33	6425	22 49–20	0.28	6505	24 51–20	0.22	6585	16 71–19	0.37	6665	27 52–20	0.32
6266	22 79–20	0.36	6346	23 84–19	0.44	6426	23 78–20	0.37	6506	22 54–20	0.40	6586	20 84–20	0.32	6666	21 62–19	0.51
6267	23 49–20	0.40	6347	22 76–20	0.34	6427	23 72–19	0.61	6507	21 82–20	0.40	6587	21 51–20	0.36	6667	24 36–20	0.35
6268	21 79–20	0.41	6348	21 78–19	0.41	6428	24 54–20	0.31	6508	26 42–20	0.39	6588	25 54–19	0.37	6668	24 82–20	0.34
6269	23 86–19	0.41	6349	25 47–20	0.31	6429	20 71–19	0.40	6509	25 53–20	0.33	6589	21 78–20	0.41	6669	20 49–20	0.34
6270	23 53–20	0.36	6350	22 60–19	0.56	6430	21 54–20	0.32	6510	22 87–20	0.28	6590	25 54–20	0.36	6670	24 86–20	0.31
6271	20 89–20	0.26	6351	24 50–19	0.43	6431	26 67–20	0.34	6511	24 73–20	0.32	6591	23 86–20	0.37	6671	24 49–20	0.34
6272	21 84–20	0.39	6352	26 51–20	0.36	6432	26 53–20	0.36	6512	23 78–20	0.37	6592	23 86–20	0.33	6672	23 71–20	0.42
6273	21 63–20	0.39	6353	26 53–19	0.40	6433	20 52–20	0.37	6513	23 87–19	0.40	6593	23 81–20	0.35	6673	26 42–20	0.37
6274	22 79–20	0.29	6354	21 34–20	0.32	6434	22 81–20	0.39	6514	23 87–20	0.36	6594	24 54–20	0.36	6674	22 50–20	0.42
6275	25 76–20	0.38	6355	23 55–19	0.30	6435	18 84–19	0.35	6515	23 51–19	0.40	6595	20 53–20	0.44	6675	19 73–19	0.42
6276	26 78–20	0.34	6356	23 76–20	0.33	6436	22 51–20	0.33	6516	21 81–19	0.47	6596	27 56–19	0.39	6676	26 51–20	0.43
6277	22 49–20	0.41	6357	24 76–20	0.31	6437	23 78–20	0.37	6517	19 88–20	0.33	6597	20 55–18	0.45	6677	22 57–20	0.36
6278	23 71–20	0.45	6358	24 54–20	0.29	6438	23 72–20	0.34	6518	21 86–19	0.33	6598	21 70–20	0.39	6678	24 52–20	0.30
6279	25 50–19	0.41	6359	24 66–20	0.25	6439	24 54–20	0.29	6519	21 79–20	0.39	6599	21 78–20	0.41	6679	22 69–20	0.41
6280	20 54–19	0.54	6360	22 78–20	0.34	6440	21 88–20	0.37	6520	23 84–20	0.35	6600	25 54–20	0.37	6680	22 49–20	0.33
6281	26 72–20	0.39	6361	23 78–20	0.32	6441	26 53–20	0.37	6521	23 72–20	0.37	6601	25 73–20	0.41	6681	22 71–20	0.36
6282	22 50–20	0.38	6362	25 71–19	0.36	6442	25 87–20	0.43	6522	20 90–20	0.29	6602	18 89–20	0.30	6682	19 53–20	0.48
6283	24 52–20	0.39	6363	24 55–20	0.30	6443	25 88–20	0.39	6523	16 78–20	0.39	6603	22 85–20	0.34	6683	22 73–20	0.34
6284	25 81–20	0.38	6364	24 54–20	0.30	6444	23 79–20	0.36	6524	21 54–20	0.34	6604	22 53–20	0.42	6684	25 53–20	0.39
6285	20 50–20	0.41	6365	25 55–20	0.36	6445	22 82–20	0.27	6525	23 88–20	0.41	6605	26 54–20	0.37	6685	21 78–20	0.38
6286	20 83–20	0.34	6366	28 75–19	0.34	6446	19 88–20	0.38	6526	24 51–20	0.39	6606	25 77–20	0.36	6686	29 55–19	0.40
6287	29 54–19	0.43	6367	23 56–20	0.35	6447	19 90–20	0.39	6527	24 58–20	0.33	6607	24 74–20	0.36	6687	25 51–20	0.43
6288	24 82–19	0.40	6368	21 05–19	0.39	6448	21 69–19	0.38	6528	23 54–20	0.36	6608	23 53–20	0.33	6688	22 78–20	0.39
6289	28 32–19	0.41	6369	24 54–20	0.42	6449	22 82–20	0.42	6529	23 51–20	0.35	6609	26 79–20	0.35	6689	21 81–20	0.39
6290	24 54–19	0.39	6370	24 55–20	0.35	6450	22 79–20	0.43	6530	26 77–20	0.31	6610	23 52–20	0.31	6690	22 81–20	0.38
6291	21 56–19	0.39	6371	24 54–20	0.32	6451	25 54–20	0.46	6531	25 54–19	0.42	6611	18 82–19	0.40	6691	20 51–19	0.44
6292	22 86–20	0.43	6372	26 39–20	0.27	6452	25 51–20	0.38	6532	27 84–20	0.38	6612	24 53–20	0.35	6692	23 85–19	0.39
6293	22 80–19	0.42	6373	23 49–20	0.31	6453	21 79–19	0.41	6533	22 76–20	0.37	6613	24 54–20	0.32	6693	20 62–20	0.34
6294	23 54–20	0.38	6374	23 86–19	0.37	6454	20 73–20	0.33	6534	21 89–19	0.33	6614	23 52–20	0.37	6694	24 78–20	0.38
6295	23 79–20	0.41	6375	26 69–19	0.40	6455	24 89–20	0.37	6535	23 51–20	0.35	6615	20 60–20	0.45	6695	21 86–19	0.51
6296	20 82–19	0.32	6376	22 71–20	0.37	6456	19 79–20	0.30	6536	22 77–20	0.38	6616	25 54–20	0.39	6696	25 82–20	0.35
6297	26 55–20	0.39	6377	23 51–20	0.27	6457	25 54–20	0.39	6537	23 79–20	0.38	6617	21 71–20	0.34	6697	24 81–20	0.32
6298	19 73–18	0.44	6378	23 87–20	0.43	6458	22 51–20	0.39	6538	28 52–19	0.38	6618	20 36–20	0.24	6698	23 76–20	0.40
6299	27 52–20	0.33	6379	24 33–20	0.25	6459	26 60–20	0.32	6539	24 69–20	0.38	6619	24 62–20	0.25	6699	24 52–19	0.46
6300	25 78–20	0.42	6380	22 76–19	0.40	6460	20 85–20	0.35	6540	22 82–20	0.33	6620	23 71–20	0.41	6700	24 50–20	0.38
6301	30 38–19	0.40	6381	22 54–19	0.36	6461	19 74–20	0.36	6541	22 84–19	0.37	6621	25 50–20	0.39	6701	20 86–19	0.51
6302	23 55–20	0.35	6382	18 88–20	0.28	6462	22 77–19	0.33	6542	26 50–20	0.39	6622	25 77–20	0.38	6702	23 88–20	0.40
6303	21 89–20	0.39	6383	27 55–20	0.27	6463	25 54–20	0.26	6543	22 78–20	0.43	6623	21 79–20	0.38	6703	24 78–20	0.38
6304	24 80–20	0.40	6384	21 89–20	0.30	6464	24 80–20	0.29	6544	24 54–20	0.34	6624	25 53–20	0.35	6704	25 53–20	0.34
6305	22 76–19	0.39	6385	26 55–20	0.42	6465	23 58–20	0.31	6545	29 86–20	0.33	6625	25 78–20	0.40	6705	21 85–20	0.37
6306	21 54–20	0.33	6386	24 55–20	0.30	6466	21 79–20	0.36	6546	23 78–20	0.29	6626	20 63–19	0.42	6706	21 53–20	0.38
6307	24 74–20	0.26	6387	22 78–20	0.36	6467	26 49–20	0.35	6547	24 50–19	0.54	6627	21 78–20	0.37	6707	21 50–20	0.33
6308	28 51–20	0.40	6388	23 50–20	0.28	6468	27 50–20	0.37	6548	28 54–20	0.31	6628	24 81–19	0.40	6708	21 79–20	0.29
6309	26 72–20	0.30	6389	20 89–19	0.44	6469	24 69–20	0.42	6549	21 88–20	0.38	6629	22 82–20	0.39	6709	21 55–19	0.43
6310	20 75–19	0.34	6390	24 64–20	0.37	6470	22 82–19	0.42	6550	20 88–20	0.34	6630	25 77–20	0.35	6710	23 81–20	0.35
6311	26 50–20	0.42	6391	22 54–20	0.54	6471	26 51–20	0.39	6551	24 53–20	0.34	6631	23 49–20	0.33	6711	25 89–20	0.38
6312	20 82–20	0.39	6392	21 86–19	0.36	6472	24 56–20	0.40	6552	25 50–20	0.43	6632	23 56–20	0.38	6712	21 79–20	0.37
6313	19 50–19	0.39	6393	27 78–19	0.40	6473	22 55–20	0.36	6553	24 68–20	0.32	6633	23 43–20	0.38	6713	22 72–20	0.35
6314	28 33–20	0.33	6394	20 90–19	0.30	6474	21 54–19	0.42	6554	22 89–20	0.38	6634	24 62–20	0.30	6714	25 80–20	0.26
6315	20 63–19	0.42	6395	23 49–19	0.43	6475	25 54–20	0.39	6555	23 31–20	0.27	6635	18 82–20	0.37	6715	24 77–20	0.43
6316	20 90–20	0.38	6396	23 89–20	0.37	6476	24 80–20	0.31	6556	22 69–20	0.29	6636	24 71–20	0.36	6716	24 76–20	0.40
6317	21 88–19	0.36	6397	25 50–20	0.33	6477	26 53–20	0.34	6557	24 73–20	0.35	6637	21 88–20	0.39	6717	24 71–20	0.42
6318	13 74–19	0.43	6398	21 55–20	0.32	6478	22 84–20	0.39	6558	22 55–20	0.39	6638	21 80–20	0.36	6718	25 54–20	0.36
6319	24 49–20	0.35	6399	26 51–20	0.32	6479	24 58–20	0.31	6559	22 55–20	0.40	6639	28 77–20	0.38	6719	21 90–20	0.33
6320	23 74–19	0.37	6400	25 90–20	0.31	6480	24 81–20	0.46	6560	22 86–20	0.29	6640	23 54–20	0.39	6720	23 41–20	0.31

№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms
		″			″			″			″			″			″
6721	24 80–19	0.37	6801	23 72–20	0.31	6881	25 89–20	0.40	6961	23 71–20	0.37	7041	23 60–20	0.35	7121	25 72–19	0.44
6722	26 54–20	0.36	6802	23 84–20	0.42	6882	21 89–20	0.28	6962	21 90–20	0.37	7042	26 33–20	0.40	7122	22 83–20	0.41
6723	24 54–20	0.33	6803	24 54–20	0.39	6883	26 78–20	0.43	6963	26 70–20	0.34	7043	22 34–20	0.33	7123	22 78–20	0.37
6724	28 59–20	0.31	6804	23 56–20	0.31	6884	25 53–20	0.33	6964	24 50–20	0.36	7044	23 71–20	0.37	7124	25 84–20	0.22
6725	27 78–20	0.40	6805	27 49–20	0.40	6885	21 60–19	0.47	6965	24 54–20	0.36	7045	22 74–19	0.48	7125	22 80–20	0.43
6726	21 53–20	0.35	6806	22 60–20	0.36	6886	23 42–20	0.27	6966	24 87–19	0.40	7046	22 77–20	0.34	7126	25 88–20	0.39
6727	21 78–19	0.43	6807	21 53–20	0.39	6887	23 51–20	0.40	6967	24 54–20	0.38	7047	20 78–20	0.37	7127	23 89–20	0.40
6728	21 78–19	0.43	6808	20 32–20	0.35	6888	25 71–20	0.37	6968	22 54–20	0.39	7048	25 51–20	0.39	7128	24 80–20	0.40
6729	20 72–19	0.59	6809	23 38–20	0.38	6889	23 55–20	0.37	6969	21 74–19	0.31	7049	23 51–20	0.38	7129	23 54–20	0.34
6730	24 91–20	0.31	6810	22 55–20	0.28	6890	29 56–20	0.42	6970	22 54–20	0.38	7050	25 82–20	0.39	7130	22 54–20	0.39
6731	22 48–19	0.48	6811	24 50–20	0.37	6891	26 76–20	0.37	6971	23 76–20	0.39	7051	26 79–20	0.39	7131	24 50–20	0.31
6732	29 81–20	0.43	6812	26 78–20	0.43	6892	22 49–20	0.25	6972	24 38–20	0.34	7052	23 88–20	0.38	7132	22 54–20	0.36
6733	26 76–20	0.40	6813	26 78–20	0.44	6893	22 83–19	0.40	6973	23 76–19	0.41	7053	20 89–20	0.38	7133	22 78–20	0.33
6734	26 50–19	0.37	6814	26 50–20	0.37	6894	22 86–20	0.59	6974	22 41–20	0.27	7054	22 87–20	0.39	7134	20 54–20	0.28
6735	22 79–20	0.34	6815	22 79–20	0.43	6895	26 50–20	0.39	6975	26 49–20	0.37	7055	22 75–20	0.31	7135	22 89–20	0.48
6736	23 52–19	0.37	6816	23 78–19	0.46	6896	20 55–20	0.38	6976	23 86–20	0.34	7056	26 89–20	0.38	7136	22 51–20	0.34
6737	21 77–19	0.36	6817	22 82–20	0.40	6897	21 87–19	0.48	6977	24 79–20	0.42	7057	22 90–20	0.39	7137	25 55–20	0.35
6738	20 75–19	0.44	6818	23 78–20	0.35	6898	25 54–19	0.30	6978	22 55–20	0.44	7058	25 33–20	0.35	7138	22 55–20	0.37
6739	25 72–20	0.35	6819	24 55–20	0.36	6899	22 88–20	0.39	6979	20 52–20	0.29	7059	21 51–19	0.39	7139	23 86–20	0.33
6740	20 54–20	0.35	6820	28 50–20	0.36	6900	23 58–20	0.45	6980	24 79–20	0.34	7060	22 86–20	0.38	7140	24 51–20	0.35
6741	22 81–20	0.35	6821	23 41–20	0.29	6901	19 77–20	0.45	6981	22 74–20	0.32	7061	22 90–20	0.33	7141	21 91–20	0.40
6742	21 58–19	0.36	6822	22 86–20	0.33	6902	25 50–20	0.37	6982	24 33–20	0.33	7062	22 53–20	0.39	7142	25 49–20	0.37
6743	27 54–20	0.32	6823	22 88–20	0.27	6903	24 53–20	0.38	6983	23 81–20	0.40	7063	21 50–19	0.41	7143	25 62–20	0.32
6744	21 78–20	0.40	6824	22 88–19	0.38	6904	23 51–20	0.41	6984	26 53–20	0.26	7064	27 73–20	0.40	7144	24 52–20	0.43
6745	22 77–20	0.38	6825	22 77–19	0.38	6905	23 67–19	0.42	6985	19 90–19	0.36	7065	29 49–19	0.43	7145	26 52–20	0.31
6746	22 54–19	0.36	6826	24 82–20	0.38	6906	22 72–20	0.33	6986	23 89–20	0.44	7066	9 93–04	0.45	7146	25 60–20	0.36
6747	24 64–20	0.44	6827	23 86–20	0.29	6907	23 83–20	0.30	6987	21 91–20	0.38	7067	23 50–20	0.32	7147	20 60–19	0.40
6748	24 78–20	0.38	6828	26 52–20	0.32	6908	22 90–20	0.38	6988	23 78–20	0.39	7068	23 82–20	0.29	7148	20 71–20	0.35
6749	22 60–20	0.36	6829	25 84–20	0.39	6909	14 87–19	0.44	6989	22 81–20	0.34	7069	23 78–19	0.43	7149	26 54–20	0.45
6750	22 71–19	0.49	6830	26 34–20	0.42	6910	28 54–19	0.40	6990	26 49–20	0.40	7070	21 90–20	0.32	7150	23 29–20	0.45
6751	24 53–20	0.39	6831	21 52–20	0.37	6911	19 91–20	0.31	6991	21 65–20	0.34	7071	23 50–19	0.37	7151	23 71–20	0.29
6752	24 71–19	0.39	6832	25 78–20	0.41	6912	26 77–19	0.42	6992	25 76–20	0.28	7072	22 77–19	0.39	7152	25 73–19	0.40
6753	26 51–20	0.35	6833	23 86–20	0.31	6913	20 91–20	0.45	6993	26 54–19	0.39	7073	24 51–20	0.39	7153	26 55–20	0.38
6754	22 70–20	0.38	6834	24 70–20	0.43	6914	27 55–20	0.37	6994	26 50–20	0.43	7074	20 77–19	0.45	7154	22 79–19	0.37
6755	24 72–20	0.34	6835	22 90–20	0.42	6915	22 79–20	0.32	6995	22 78–20	0.34	7075	22 78–20	0.32	7155	24 55–19	0.39
6756	24 71–20	0.45	6836	23 82–20	0.39	6916	23 73–20	0.29	6996	27 73–20	0.37	7076	25 80–20	0.37	7156	22 55–20	0.36
6757	25 54–20	0.37	6837	21 59–20	0.31	6917	24 51–20	0.36	6997	27 53–20	0.36	7077	24 56–19	0.40	7157	21 81–20	0.38
6758	22 51–19	0.49	6838	23 62–20	0.30	6918	23 84–20	0.37	6998	27 77–20	0.42	7078	24 54–20	0.40	7158	28 51–19	0.42
6759	27 54–20	0.39	6839	28 74–20	0.35	6919	22 69–20	0.37	6999	21 77–20	0.35	7079	21 86–20	0.40	7159	23 51–20	0.38
6760	24 80–20	0.38	6840	21 53–20	0.40	6920	21 89–19	0.40	7000	23 39–20	0.36	7080	21 79–19	0.44	7160	24 50–19	0.43
6761	24 51–20	0.44	6841	20 54–20	0.38	6921	27 76–20	0.34	7001	24 55–20	0.39	7081	23 54–20	0.36	7161	21 82–20	0.36
6762	22 55–20	0.41	6842	26 60–20	0.38	6922	23 72–20	0.38	7002	24 71–20	0.37	7082	23 87–20	0.34	7162	21 53–20	0.40
6763	23 51–20	0.38	6843	22 58–20	0.30	6923	24 83–20	0.44	7003	24 76–20	0.42	7083	27 55–19	0.43	7163	20 84–19	0.43
6764	24 71–20	0.34	6844	25 53–20	0.35	6924	23 81–20	0.32	7004	23 79–20	0.38	7084	23 75–20	0.34	7164	22 84–20	0.44
6765	20 82–20	0.38	6845	23 55–20	0.35	6925	27 64–20	0.29	7005	21 81–19	0.45	7085	25 85–20	0.33	7165	23 50–20	0.36
6766	23 60–20	0.40	6846	23 76–20	0.42	6926	20 81–19	0.51	7006	19 77–19	0.43	7086	19 91–20	0.32	7166	26 54–20	0.37
6767	23 81–20	0.50	6847	15 77–18	0.48	6927	22 51–20	0.39	7007	19 78–19	0.39	7087	20 83–20	0.34	7167	23 85–20	0.29
6768	24 72–19	0.41	6848	24 77–19	0.36	6928	25 72–20	0.41	7008	24 54–19	0.40	7088	15 81–20	0.37	7168	22 86–19	0.42
6769	22 50–19	0.40	6849	23 51–19	0.39	6929	22 71–20	0.28	7009	22 53–19	0.42	7089	22 85–20	0.33	7169	23 55–19	0.61
6770	27 79–20	0.35	6850	26 51–20	0.44	6930	23 33–20	0.38	7010	22 82–20	0.35	7090	25 53–19	0.36	7170	22 78–20	0.27
6771	21 54–19	0.48	6851	21 78–20	0.38	6931	21 78–19	0.53	7011	19 70–20	0.36	7091	21 54–20	0.29	7171	25 85–20	0.37
6772	22 86–20	0.36	6852	22 52–19	0.43	6932	22 68–20	0.38	7012	26 50–20	0.37	7092	10 80–20	0.51	7172	21 58–19	0.47
6773	24 88–19	0.40	6853	21 54–20	0.36	6933	23 53–19	0.42	7013	23 88–19	0.39	7093	21 77–20	0.37	7173	22 83–20	0.29
6774	21 88–20	0.40	6854	23 53–20	0.37	6934	24 54–20	0.37	7014	28 49–20	0.37	7094	23 90–19	0.39	7174	22 55–19	0.53
6775	24 81–20	0.43	6855	22 87–20	0.33	6935	20 53–20	0.37	7015	23 57–20	0.37	7095	22 60–20	0.37	7175	23 54–20	0.41
6776	23 54–19	0.32	6856	22 78–20	0.37	6936	29 54–20	0.35	7016	21 80–20	0.37	7096	18 84–19	0.41	7176	23 87–20	0.37
6777	24 49–20	0.38	6857	24 82–20	0.37	6937	28 51–19	0.35	7017	20 87–19	0.39	7097	22 82–20	0.40	7177	22 68–20	0.40
6778	26 39–20	0.33	6858	21 86–20	0.28	6938	24 73–19	0.37	7018	21 57–20	0.40	7098	23 70–20	0.40	7178	24 51–20	0.39
6779	21 73–20	0.34	6859	17 91–20	0.30	6939	22 52–20	0.39	7019	20 70–20	0.33	7099	25 78–19	0.40	7179	23 73–20	0.37
6780	20 54–20	0.37	6860	25 78–20	0.43	6940	22 51–20	0.41	7020	26 70–20	0.40	7100	24 73–20	0.42	7180	22 82–20	0.35
6781	21 78–20	0.44	6861	25 74–20	0.37	6941	22 76–20	0.31	7021	23 51–20	0.29	7101	24 30–20	0.37	7181	22 53–20	0.32
6782	27 81–20	0.33	6862	26 54–20	0.30	6942	22 76–20	0.42	7022	24 81–20	0.33	7102	23 36–20	0.27	7182	23 80–20	0.35
6783	21 81–20	0.35	6863	22 58–20	0.38	6943	23 54–19	0.36	7023	23 55–19	0.33	7103	25 53–20	0.34	7183	22 91–20	0.33
6784	23 62–20	0.34	6864	21 81–20	0.35	6944	23 50–20	0.38	7024	27 54–19	0.42	7104	23 55–20	0.31	7184	25 54–19	0.35
6785	26 67–20	0.26	6865	21 89–20	0.41	6945	20 80–20	0.35	7025	12 93–18	0.43	7105	22 55–19	0.41	7185	20 80–19	0.31
6786	26 50–20	0.43	6866	27 40–20	0.33	6946	24 51–20	0.42	7026	24 76–20	0.40	7106	24 54–20	0.34	7186	23 53–20	0.35
6787	23 71–20	0.31	6867	25 51–20	0.36	6947	25 55–19	0.40	7027	22 55–20	0.37	7107	24 76–20	0.37	7187	21 85–20	0.35
6788	22 76–19	0.38	6868	26 05–20	0.36	6948	21 50–19	0.45	7028	25 49–20	0.35	7108	25 71–20	0.39	7188	23 37–20	0.36
6789	23 82–19	0.42	6869	24 55–20	0.33	6949	21 82–20	0.38	7029	25 86–20	0.34	7109	25 75–20	0.35	7189	23 52–20	0.39
6790	20 90–19	0.40	6870	19 89–20	0.30	6950	22 77–20	0.30	7030	21 78–19	0.45	7110	24 75–19	0.41	7190	21 78–20	0.38
6791	24 82–20	0.43	6871	22 75–20	0.42	6951	23 85–19	0.38	7031	23 82–20	0.39	7111	22 78–20	0.36	7191	26 49–20	0.33
6792	24 03–20	0.36	6872	21 75–19	0.36	6952	25 82–20	0.38	7032	21 87–20	0.32	7112	21 86–19	0.34	7192	25 71–20	0.34
6793	23 82–19	0.44	6873	21 77–20	0.36	6953	28 51–20	0.36	7033	23 82–20	0.35	7113	24 71–20	0.31	7193	22 82–20	0.35
6794	25 46–20	0.29	6874	21 50–20	0.36	6954	22 81–19	0.39	7034	23 73–20	0.38	7114	23 53–20	0.36	7194	23 35–20	0.30
6795	22 54–19	0.40	6875	20 71–19	0.40	6955	26 76–19	0.43	7035	26 56–20	0.40	7115	24 80–20	0.38	7195	23 51–20	0.37
6796	23 76–20	0.37	6876	23 76–20	0.35	6956	22 88–20	0.37	7036	23 91–20	0.35	7116	22 56–20	0.32	7196	22 87–20	0.38
6797	25 85–19	0.35	6877	21 87–20	0.32	6957	22 76–20	0.37	7037	23 71–20	0.32	7117	19 80–20	0.40	7197	21 77–20	0.34
6798	25 51–19	0.37	6878	26 71–20	0.37	6958	26 55–20	0.38	7038	25 53–20	0.45	7118	24 53–20	0.31	7198	23 51–20	0.27
6799	22 88–20	0.41	6879	24 52–20	0.36	6959	26 53–20	0.27	7039	24 52–20	0.42	7119	26 87–20	0.38	7199	23 86–20	0.38
6800	22 70–19	0.45	6880	22 78–20	0.32	6960	27 32–20	0.40	7040	24 60–19	0.37	7120	25 54–20	0.37	7200	18 88–20	0.36

№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms
		″			″			″			″			″			″
7201	23 65–20	0.39	7281	23 50–20	0.41	7361	24 50–19	0.47	7441	21 60–19	0.42	7521	26 83–19	0.40	7601	22 69–20	0.31
7202	23 79–20	0.44	7282	25 54–20	0.34	7362	20 60–19	0.39	7442	24 77–20	0.38	7522	25 51–20	0.33	7602	22 87–20	0.36
7203	22 15–19	0.34	7283	22 86–19	0.40	7363	22 75–20	0.39	7443	24 88–20	0.39	7523	23 87–19	0.42	7603	24 85–20	0.37
7204	22 80–20	0.40	7284	23 80–19	0.41	7364	21 89–20	0.45	7444	22 71–20	0.37	7524	22 69–20	0.40	7604	21 84–20	0.36
7205	24 77–20	0.38	7285	24 71–20	0.41	7365	21 50–20	0.31	7445	22 60–20	0.44	7525	21 53–20	0.34	7605	24 33–20	0.23
7206	25 54–20	0.33	7286	25 90–20	0.29	7366	25 73–20	0.36	7446	25 73–20	0.35	7526	23 53–20	0.40	7606	21 76–20	0.40
7207	19 60–20	0.34	7287	22 79–19	0.39	7367	21 54–20	0.42	7447	23 77–20	0.36	7527	22 50–20	0.38	7607	24 51–20	0.37
7208	21 60–20	0.39	7288	22 72–19	0.34	7368	22 66–20	0.34	7448	25 48–20	0.35	7528	24 75–19	0.41	7608	20 89–20	0.40
7209	21 58–20	0.33	7289	23 55–19	0.39	7369	20 75–20	0.31	7449	21 49–20	0.42	7529	24 69–20	0.39	7609	23 74–20	0.31
7210	26 55–20	0.33	7290	21 54–20	0.44	7370	25 78–20	0.35	7450	21 68–19	0.48	7530	25 78–20	0.34	7610	22 77–20	0.42
7211	22 71–19	0.40	7291	24 74–20	0.31	7371	24 78–20	0.39	7451	23 51–20	0.33	7531	20 80–20	0.39	7611	24 77–20	0.38
7212	23 52–20	0.42	7292	22 75–20	0.39	7372	27 55–20	0.38	7452	25 78–20	0.40	7532	23 81–20	0.43	7612	27 66–20	0.36
7213	25 50–20	0.43	7293	21 83–20	0.37	7373	22 51–20	0.39	7453	21 78–20	0.42	7533	23 88–20	0.41	7613	25 77–20	0.40
7214	23 73–20	0.47	7294	21 89–20	0.38	7374	18 80–19	0.41	7454	24 78–20	0.42	7534	22 88–20	0.36	7614	23 78–20	0.38
7215	22 77–20	0.33	7295	25 76–19	0.38	7375	22 80–20	0.38	7455	23 81–20	0.37	7535	22 89–20	0.38	7615	22 81–20	0.38
7216	20 77–20	0.34	7296	24 70–20	0.39	7376	25 49–20	0.36	7456	23 82–20	0.41	7536	23 78–20	0.27	7616	23 75–20	0.35
7217	25 79–20	0.30	7297	26 52–20	0.36	7377	22 75–20	0.42	7457	24 82–20	0.34	7537	24 76–19	0.44	7617	24 68–20	0.39
7218	20 79–19	0.41	7298	25 53–19	0.36	7378	23 53–20	0.36	7458	28 77–20	0.40	7538	22 81–20	0.41	7618	24 77–20	0.36
7219	24 55–20	0.35	7299	22 75–19	0.36	7379	21 78–20	0.38	7459	23 84–20	0.36	7539	22 77–19	0.46	7619	19 79–20	0.43
7220	23 55–20	0.38	7300	23 75–20	0.30	7380	24 81–20	0.37	7460	20 84–19	0.49	7540	25 70–20	0.34	7620	24 51–19	0.44
7221	26 36–20	0.44	7301	19 75–19	0.45	7381	23 81–20	0.38	7461	23 84–20	0.36	7541	24 71–20	0.48	7621	22 60–20	0.42
7222	24 81–20	0.46	7302	22 82–20	0.32	7382	23 78–20	0.46	7462	24 72–20	0.37	7542	22 53–20	0.42	7622	20 60–19	0.42
7223	22 50–20	0.36	7303	24 69–20	0.33	7383	23 81–19	0.41	7463	21 85–20	0.36	7543	27 56–20	0.36	7623	27 54–20	0.36
7224	19 82–20	0.38	7304	22 82–20	0.41	7384	23 81–20	0.41	7464	19 54–19	0.47	7544	24 76–19	0.37	7624	22 71–20	0.43
7225	22 60–20	0.29	7305	22 68–20	0.28	7385	22 81–20	0.38	7465	20 89–19	0.41	7545	20 78–20	0.40	7625	22 68–19	0.43
7226	27 50–20	0.42	7306	21 82–20	0.40	7386	22 81–20	0.38	7466	23 83–20	0.39	7546	20 79–20	0.42	7626	23 76–20	0.39
7227	24 49–19	0.41	7307	23 85–20	0.30	7387	24 82–20	0.32	7467	18 78–20	0.36	7547	23 79–20	0.45	7627	24 54–20	0.42
7228	23 75–19	0.41	7308	23 82–20	0.40	7388	24 82–20	0.39	7468	25 74–20	0.37	7548	23 80–20	0.46	7628	24 55–20	0.38
7229	19 85–20	0.37	7309	22 69–20	0.39	7389	22 55–19	0.46	7469	24 79–20	0.43	7549	21 80–20	0.39	7629	22 77–20	0.35
7230	22 52–20	0.33	7310	21 90–20	0.38	7390	23 83–19	0.36	7470	20 84–19	0.47	7550	23 78–20	0.43	7630	22 79–20	0.34
7231	24 74–20	0.35	7311	22 76–20	0.39	7391	21 53–19	0.44	7471	20 69–20	0.42	7551	26 81–20	0.37	7631	22 53–20	0.34
7232	24 49–20	0.38	7312	22 78–20	0.39	7392	23 84–20	0.37	7472	24 69–20	0.35	7552	21 81–19	0.46	7632	23 72–20	0.33
7233	24 86–20	0.29	7313	19 60–20	0.44	7393	23 83–20	0.37	7473	25 82–20	0.39	7553	20 50–20	0.42	7633	24 53–20	0.34
7234	22 55–19	0.34	7314	23 71–20	0.41	7394	28 31–20	0.34	7474	15 90–19	0.54	7554	23 78–20	0.41	7634	24 82–20	0.44
7235	21 54–20	0.46	7315	23 49–20	0.36	7395	20 85–20	0.40	7475	22 51–20	0.41	7555	20 81–19	0.38	7635	24 54–20	0.33
7236	4 87–14	0.50	7316	21 55–19	0.45	7396	26 86–20	0.35	7476	25 53–20	0.29	7556	22 82–20	0.33	7636	21 84–19	0.37
7237	23 55–20	0.32	7317	22 83–20	0.39	7397	22 51–20	0.36	7477	23 89–20	0.36	7557	22 78–20	0.36	7637	22 84–20	0.35
7238	22 51–20	0.34	7318	24 69–19	0.33	7398	22 54–20	0.34	7478	23 79–20	0.40	7558	22 51–19	0.38	7638	24 69–20	0.47
7239	22 78–20	0.44	7319	23 76–19	0.39	7399	24 51–19	0.42	7479	21 55–19	0.40	7559	22 80–20	0.33	7639	24 49–20	0.41
7240	21 85–20	0.40	7320	21 78–19	0.41	7400	27 77–20	0.40	7480	16 82–19	0.53	7560	18 86–20	0.37	7640	22 53–20	0.38
7241	19 80–20	0.37	7321	22 54–19	0.41	7401	23 80–20	0.40	7481	23 54–19	0.36	7561	23 86–20	0.31	7641	25 75–20	0.35
7242	23 54–20	0.45	7322	24 71–20	0.33	7402	25 56–20	0.33	7482	15 74–19	0.43	7562	25 86–20	0.33	7642	20 64–20	0.39
7243	21 82–19	0.39	7323	23 79–20	0.42	7403	21 51–20	0.38	7483	25 49–20	0.40	7563	21 88–20	0.30	7643	19 88–20	0.43
7244	25 50–20	0.39	7324	20 53–19	0.38	7404	22 51–19	0.39	7484	20 90–19	0.42	7564	25 53–20	0.32	7644	22 88–20	0.35
7245	24 73–20	0.32	7325	24 76–20	0.36	7405	25 79–20	0.37	7485	24 31–20	0.29	7565	23 78–19	0.38	7645	20 89–19	0.38
7246	23 50–20	0.33	7326	23 81–20	0.39	7406	24 54–20	0.47	7486	19 56–19	0.38	7566	21 81–20	0.36	7646	22 89–20	0.41
7247	21 75–20	0.34	7327	22 08–20	0.42	7407	20 82–20	0.38	7487	23 54–19	0.34	7567	22 81–19	0.44	7647	25 54–20	0.37
7248	22 86–20	0.38	7328	22 51–20	0.36	7408	24 49–20	0.37	7488	19 89–20	0.41	7568	17 88–19	0.44	7648	23 81–19	0.36
7249	23 85–20	0.36	7329	23 85–20	0.31	7409	22 90–20	0.37	7489	24 72–20	0.34	7569	22 55–20	0.35	7649	21 90–20	0.34
7250	24 51–20	0.39	7330	22 54–20	0.34	7410	21 74–20	0.44	7490	18 87–20	0.39	7570	19 89–20	0.35	7650	25 80–19	0.39
7251	25 74–20	0.38	7331	21 80–20	0.32	7411	19 79–20	0.30	7491	26 53–20	0.36	7571	24 81–20	0.37	7651	23 88–20	0.35
7252	21 92–20	0.32	7332	23 51–20	0.40	7412	26 55–20	0.38	7492	21 80–20	0.35	7572	22 62–20	0.37	7652	22 54–20	0.33
7253	26 73–20	0.32	7333	24 79–20	0.55	7413	23 74–20	0.37	7493	21 70–19	0.40	7573	25 78–20	0.43	7653	25 53–20	0.37
7254	22 74–20	0.40	7334	24 62–20	0.39	7414	23 90–20	0.36	7494	27 70–19	0.33	7574	23 63–19	0.42	7654	22 54–19	0.43
7255	23 58–19	0.39	7335	13 89–19	0.56	7415	24 73–20	0.39	7495	23 79–20	0.37	7575	23 73–20	0.38	7655	21 77–20	0.42
7256	21 89–19	0.39	7336	6 82–18	0.41	7416	21 70–20	0.38	7496	22 73–20	0.30	7576	26 81–20	0.36	7656	23 72–19	0.48
7257	22 78–20	0.34	7337	22 54–20	0.39	7417	24 75–20	0.40	7497	23 72–20	0.33	7577	24 87–20	0.32	7657	25 69–20	0.37
7258	21 89–20	0.43	7338	25 79–20	0.44	7418	23 69–20	0.35	7498	21 93–20	0.34	7578	24 79–20	0.36	7658	23 74–20	0.39
7259	22 51–20	0.30	7339	23 84–20	0.36	7419	22 50–20	0.33	7499	23 73–20	0.33	7579	20 86–20	0.33	7659	23 53–20	0.30
7260	24 81–20	0.40	7340	24 89–20	0.41	7420	24 53–20	0.44	7500	21 79–19	0.38	7580	25 53–20	0.39	7660	19 90–20	0.35
7261	23 87–20	0.30	7341	12 81–18	0.33	7421	23 72–20	0.28	7501	23 89–20	0.39	7581	24 89–20	0.37	7661	18 79–20	0.46
7262	23 51–20	0.33	7342	24 54–20	0.33	7422	22 69–19	0.38	7502	23 83–20	0.34	7582	24 79–20	0.31	7662	23 88–20	0.34
7263	21 55–20	0.32	7343	21 54–20	0.36	7423	22 53–19	0.43	7503	21 86–20	0.40	7583	22 88–20	0.37	7663	22 54–19	0.33
7264	22 82–20	0.42	7344	22 85–20	0.33	7424	22 55–20	0.38	7504	22 78–20	0.35	7584	23 79–20	0.39	7664	21 89–20	0.38
7265	24 73–20	0.37	7345	21 88–20	0.29	7425	22 81–20	0.36	7505	25 40–20	0.29	7585	24 83–19	0.37	7665	23 54–20	0.42
7266	22 73–20	0.42	7346	26 55–19	0.43	7426	23 54–20	0.37	7506	24 60–20	0.40	7586	22 86–20	0.42	7666	21 76–20	0.39
7267	21 43–19	0.35	7347	26 77–20	0.37	7427	25 62–20	0.36	7507	25 60–20	0.39	7587	23 73–20	0.44	7667	26 51–20	0.34
7268	21 50–19	0.41	7348	26 33–20	0.39	7428	21 55–19	0.37	7508	21 77–20	0.39	7588	28 54–20	0.28	7668	21 77–20	0.41
7269	26 50–20	0.40	7349	20 82–19	0.48	7429	25 40–19	0.42	7509	22 75–20	0.31	7589	20 85–19	0.40	7669	22 88–20	0.33
7270	25 78–20	0.38	7350	14 86–18	0.36	7430	24 50–20	0.35	7510	23 54–20	0.39	7590	20 92–20	0.34	7670	19 88–20	0.41
7271	23 79–20	0.45	7351	23 82–20	0.38	7431	27 71–20	0.39	7511	22 78–20	0.41	7591	21 82–20	0.40	7671	20 69–20	0.42
7272	23 52–20	0.35	7352	27 88–20	0.26	7432	24 62–20	0.42	7512	25 55–20	0.32	7592	23 89–20	0.27	7672	19 78–20	0.39
7273	20 81–20	0.38	7353	22 85–20	0.28	7433	20 89–19	0.42	7513	21 50–20	0.43	7593	21 69–20	0.42	7673	23 53–20	0.39
7274	24 50–20	0.38	7354	24 76–20	0.38	7434	20 92–19	0.39	7514	21 86–19	0.38	7594	23 78–20	0.38	7674	25 80–20	0.38
7275	23 55–20	0.35	7355	23 55–19	0.34	7435	24 82–19	0.38	7515	22 82–20	0.36	7595	24 69–20	0.37	7675	21 76–20	0.44
7276	22 83–20	0.35	7356	22 90–20	0.36	7436	21 76–20	0.38	7516	22 55–20	0.40	7596	29 48–20	0.31	7676	21 93–20	0.33
7277	25 79–20	0.34	7357	21 71–20	0.37	7437	21 79–20	0.38	7517	23 61–20	0.38	7597	23 54–19	0.46	7677	22 79–20	0.35
7278	24 85–20	0.30	7358	22 59–20	0.43	7438	21 88–20	0.45	7518	23 55–20	0.38	7598	23 62–20	0.41	7678	21 88–20	0.43
7279	22 85–20	0.34	7359	26 54–20	0.42	7439	23 79–20	0.38	7519	23 89–20	0.42	7599	22 51–19	0.39	7679	24 51–20	0.30
7280	22 51–20	0.35	7360	24 79–20	0.32	7440	22 80–20	0.31	7520	21 79–20	0.38	7600	21 90–19	0.38	7680	21 93–20	0.37

№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms
		″			″			″			″			″			″
7681	24 53–19	0.53	7761	21 83–20	0.39	7841	23 76–20	0.40	7921	22 55–19	0.42	8001	27 69–20	0.40	8081	21 88–20	0.35
7682	20 76–19	0.36	7762	24 76–20	0.34	7842	24 59–20	0.38	7922	21 72–20	0.31	8002	22 82–19	0.46	8082	21 88–20	0.30
7683	20 75–20	0.32	7763	23 49–20	0.38	7843	22 72–20	0.28	7923	23 78–20	0.33	8003	21 56–20	0.35	8083	24 74–20	0.39
7684	25 55–20	0.32	7764	21 91–19	0.35	7844	23 53–20	0.37	7924	28 52–20	0.38	8004	24 82–20	0.39	8084	24 73–20	0.40
7685	23 80–20	0.38	7765	27 81–20	0.50	7845	24 51–20	0.33	7925	25 50–20	0.40	8005	24 87–20	0.36	8085	23 89–20	0.28
7686	21 55–20	0.35	7766	22 76–20	0.42	7846	19 79–19	0.40	7926	24 82–20	0.39	8006	22 49–20	0.34	8086	25 56–20	0.41
7687	22 53–20	0.35	7767	19 80–19	0.45	7847	24 88–19	0.39	7927	22 69–20	0.43	8007	24 50–20	0.42	8087	22 89–20	0.31
7688	23 53–20	0.35	7768	22 55–20	0.38	7848	23 85–20	0.38	7928	24 53–20	0.34	8008	26 74–19	0.42	8088	22 83–20	0.41
7689	22 60–20	0.36	7769	25 68–20	0.37	7849	22 62–19	0.40	7929	23 79–20	0.33	8009	19 87–20	0.51	8089	17 79–20	0.36
7690	23 71–20	0.35	7770	29 50–20	0.38	7850	20 77–19	0.56	7930	22 53–20	0.40	8010	25 51–20	0.40	8090	22 72–20	0.37
7691	23 57–19	0.38	7771	23 85–19	0.41	7851	22 69–20	0.30	7931	22 54–19	0.47	8011	22 76–20	0.34	8091	22 85–20	0.35
7692	20 55–20	0.29	7772	25 55–20	0.37	7852	25 55–19	0.37	7932	19 89–19	0.36	8012	24 54–20	0.38	8092	21 76–20	0.33
7693	19 82–19	0.41	7773	25 56–20	0.42	7853	24 65–19	0.45	7933	22 76–20	0.42	8013	17 51–19	0.53	8093	25 55–20	0.42
7694	24 62–20	0.55	7774	21 75–20	0.38	7854	24 53–20	0.41	7934	21 80–20	0.42	8014	11 90–20	0.57	8094	24 89–20	0.39
7695	20 83–20	0.39	7775	22 79–20	0.36	7855	25 77–20	0.38	7935	26 76–20	0.40	8015	21 80–19	0.37	8095	25 75–20	0.40
7696	21 88–20	0.42	7776	22 81–20	0.32	7856	22 75–19	0.43	7936	24 54–20	0.37	8016	19 90–20	0.38	8096	22 77–20	0.38
7697	21 50–20	0.40	7777	19 90–20	0.41	7857	27 66–20	0.25	7937	26 76–19	0.39	8017	23 71–20	0.37	8097	21 82–19	0.46
7698	21 89–19	0.46	7778	20 82–20	0.32	7858	25 55–20	0.39	7938	21 89–20	0.37	8018	21 71–20	0.35	8098	20 74–19	0.51
7699	19 89–19	0.39	7779	20 53–20	0.34	7859	26 53–19	0.44	7939	20 68–20	0.44	8019	21 81–20	0.40	8099	23 85–20	0.47
7700	23 89–19	0.40	7780	22 90–20	0.36	7860	23 80–20	0.38	7940	21 54–20	0.38	8020	21 68–20	0.35	8100	25 79–19	0.45
7701	20 90–19	0.44	7781	19 54–20	0.37	7861	22 81–19	0.47	7941	25 53–19	0.40	8021	21 39–20	0.59	8101	23 54–20	0.41
7702	19 50–20	0.37	7782	19 93–19	0.43	7862	23 54–20	0.38	7942	21 86–19	0.34	8022	22 69–20	0.39	8102	24 78–20	0.41
7703	19 91–20	0.45	7783	18 86–20	0.30	7863	24 81–20	0.39	7943	23 91–20	0.39	8023	23 51–19	0.47	8103	21 94–20	0.35
7704	21 90–19	0.43	7784	20 53–20	0.33	7864	23 82–20	0.37	7944	25 79–19	0.36	8024	18 91–19	0.65	8104	21 87–20	0.33
7705	19 93–19	0.42	7785	21 87–20	0.38	7865	21 51–20	0.40	7945	19 81–19	0.49	8025	24 74–20	0.40	8105	21 87–20	0.41
7706	19 89–19	0.40	7786	21 54–20	0.37	7866	24 54–19	0.37	7946	21 84–20	0.44	8026	19 89–20	0.40	8106	20 89–20	0.41
7707	23 50–19	0.40	7787	21 92–20	0.47	7867	21 84–20	0.41	7947	20 77–20	0.45	8027	24 74–19	0.32	8107	21 90–19	0.37
7708	25 55–20	0.36	7788	22 93–20	0.41	7868	24 31–20	0.33	7948	21 86–19	0.36	8028	23 81–20	0.34	8108	22 84–20	0.37
7709	21 84–20	0.41	7789	21 87–20	0.35	7869	21 80–20	0.41	7949	25 89–20	0.34	8029	24 75–20	0.39	8109	20 55–20	0.36
7710	24 75–20	0.35	7790	23 82–19	0.38	7870	22 50–20	0.35	7950	24 59–20	0.33	8030	25 80–20	0.51	8110	21 89–20	0.36
7711	18 94–19	0.39	7791	21 84–19	0.45	7871	22 54–20	0.38	7951	22 64–20	0.41	8031	20 54–20	0.36	8111	23 54–20	0.37
7712	20 54–19	0.44	7792	23 76–20	0.32	7872	20 90–20	0.36	7952	24 62–20	0.36	8032	22 70–20	0.39	8112	23 92–20	0.44
7713	21 49–20	0.37	7793	25 59–20	0.41	7873	23 83–20	0.38	7953	20 53–20	0.38	8033	24 76–20	0.35	8113	20 89–20	0.38
7714	20 87–20	0.37	7794	23 80–20	0.41	7874	22 53–20	0.33	7954	21 75–20	0.30	8034	15 92–19	0.56	8114	20 86–20	0.40
7715	24 85–20	0.33	7795	21 89–20	0.44	7875	23 76–20	0.32	7955	21 88–19	0.41	8035	17 92–19	0.46	8115	22 80–20	0.37
7716	21 80–20	0.41	7796	19 90–19	0.36	7876	22 77–20	0.42	7956	24 89–20	0.39	8036	25 71–20	0.35	8116	20 87–19	0.33
7717	21 40–20	0.28	7797	28 53–20	0.30	7877	18 83–19	0.38	7957	21 81–19	0.39	8037	14 79–19	0.35	8117	22 74–20	0.35
7718	26 50–20	0.32	7798	21 92–20	0.39	7878	23 75–20	0.37	7958	21 86–20	0.36	8038	20 86–19	0.33	8118	22 82–20	0.34
7719	26 77–20	0.44	7799	21 81–20	0.33	7879	22 83–20	0.36	7959	19 51–20	0.33	8039	17 80–19	0.38	8119	21 91–20	0.37
7720	20 60–20	0.39	7800	21 77–20	0.38	7880	26 74–20	0.38	7960	19 91–19	0.36	8040	25 55–20	0.40	8120	22 82–19	0.45
7721	22 55–20	0.42	7801	22 76–20	0.35	7881	24 82–20	0.42	7961	21 55–19	0.37	8041	22 76–20	0.27	8121	20 60–19	0.49
7722	20 73–19	0.52	7802	23 69–20	0.44	7882	20 88–20	0.35	7962	19 81–19	0.43	8042	24 84–20	0.33	8122	22 60–20	0.39
7723	23 52–20	0.37	7803	24 53–20	0.31	7883	21 76–20	0.36	7963	22 88–20	0.36	8043	22 51–20	0.38	8123	21 71–20	0.42
7724	24 56–20	0.36	7804	25 51–20	0.39	7884	21 76–20	0.36	7964	24 77–19	0.38	8044	23 77–20	0.38	8124	18 71–20	0.40
7725	20 72–20	0.39	7805	21 60–20	0.37	7885	19 89–19	0.32	7965	21 78–19	0.28	8045	22 49–20	0.26	8125	27 55–20	0.37
7726	25 53–20	0.39	7806	22 52–19	0.45	7886	24 51–20	0.40	7966	21 88–20	0.39	8046	20 89–19	0.35	8126	23 66–19	0.36
7727	25 54–19	0.51	7807	22 75–19	0.41	7887	22 73–20	0.25	7967	20 83–19	0.39	8047	21 79–20	0.40	8127	20 67–20	0.35
7728	25 70–20	0.36	7808	23 76–20	0.28	7888	16 89–19	0.35	7968	21 79–19	0.40	8048	21 70–20	0.34	8128	30 55–20	0.36
7729	24 63–20	0.34	7809	22 54–20	0.36	7889	13 77–19	0.32	7969	24 80–19	0.40	8049	24 78–20	0.35	8129	20 75–20	0.37
7730	24 78–20	0.35	7810	23 72–19	0.41	7890	20 78–19	0.42	7970	22 60–20	0.37	8050	21 71–20	0.32	8130	26 54–19	0.33
7731	23 78–20	0.36	7811	23 82–20	0.32	7891	25 55–20	0.34	7971	22 60–20	0.35	8051	18 87–20	0.53	8131	24 70–20	0.32
7732	26 78–20	0.34	7812	21 84–20	0.37	7892	23 82–20	0.41	7972	23 71–19	0.44	8052	24 60–20	0.39	8132	21 76–20	0.26
7733	19 79–19	0.39	7813	23 85–20	0.34	7893	21 55–20	0.41	7973	24 51–20	0.44	8053	23 60–20	0.38	8133	27 77–20	0.34
7734	21 72–19	0.43	7814	23 72–20	0.60	7894	20 91–20	0.37	7974	21 73–20	0.45	8054	22 60–20	0.39	8134	20 78–19	0.45
7735	24 62–20	0.37	7815	26 87–20	0.32	7895	22 79–19	0.27	7975	22 50–20	0.30	8055	22 60–20	0.32	8135	19 78–19	0.49
7736	23 81–20	0.30	7816	20 87–20	0.39	7896	25 76–19	0.40	7976	19 77–20	0.38	8056	20 52–20	0.44	8136	21 79–20	0.37
7737	23 76–20	0.38	7817	24 88–20	0.40	7897	22 91–20	0.40	7977	19 55–19	0.37	8057	24 49–20	0.39	8137	18 79–20	0.38
7738	21 81–20	0.35	7818	20 70–20	0.33	7898	20 72–20	0.39	7978	20 78–20	0.40	8058	20 77–20	0.43	8138	23 55–20	0.38
7739	21 54–20	0.41	7819	22 81–20	0.35	7899	22 64–20	0.33	7979	22 54–19	0.42	8059	23 57–20	0.27	8139	23 53–20	0.39
7740	24 54–19	0.56	7820	21 79–20	0.42	7900	21 90–20	0.36	7980	21 78–19	0.42	8060	24 73–20	0.43	8140	24 74–20	0.37
7741	24 32–19	0.31	7821	23 89–20	0.36	7901	23 92–20	0.40	7981	22 53–20	0.40	8061	22 75–19	0.50	8141	18 82–20	0.31
7742	24 85–20	0.40	7822	11 91–20	0.29	7902	23 84–20	0.43	7982	22 79–20	0.41	8062	22 29–20	0.30	8142	26 78–20	0.38
7743	21 54–19	0.35	7823	23 53–19	0.42	7903	22 90–20	0.35	7983	24 50–20	0.36	8063	23 77–20	0.40	8143	20 82–19	0.46
7744	21 86–19	0.41	7824	21 23–20	0.34	7904	23 81–20	0.35	7984	20 80–20	0.39	8064	24 78–19	0.51	8144	27 82–20	0.41
7745	22 87–20	0.39	7825	22 89–20	0.35	7905	24 51–19	0.31	7985	22 81–20	0.36	8065	23 53–19	0.39	8145	23 54–19	0.42
7746	27 53–20	0.39	7826	22 54–19	0.41	7906	23 55–20	0.34	7986	19 81–20	0.35	8066	26 55–19	0.41	8146	23 58–19	0.40
7747	23 87–20	0.39	7827	24 71–20	0.33	7907	23 60–20	0.43	7987	21 81–19	0.48	8067	23 54–20	0.30	8147	22 54–20	0.41
7748	20 80–20	0.37	7828	23 81–19	0.40	7908	25 51–20	0.42	7988	22 77–20	0.37	8068	23 81–19	0.42	8148	24 63–20	0.36
7749	22 88–20	0.28	7829	18 89–20	0.27	7909	25 75–19	0.46	7989	21 81–19	0.35	8069	22 51–20	0.39	8149	22 51–20	0.33
7750	23 88–20	0.40	7830	21 86–19	0.39	7910	26 53–20	0.35	7990	24 49–20	0.40	8070	24 78–19	0.43	8150	24 51–20	0.34
7751	21 71–20	0.40	7831	23 76–20	0.37	7911	22 77–20	0.31	7991	25 53–20	0.37	8071	25 54–20	0.41	8151	21 55–19	0.33
7752	24 50–20	0.35	7832	22 74–20	0.34	7912	25 78–20	0.44	7992	23 81–20	0.35	8072	23 55–19	0.38	8152	20 62–20	0.36
7753	17 88–20	0.45	7833	22 76–20	0.36	7913	24 78–20	0.36	7993	28 82–20	0.35	8073	21 53–20	0.32	8153	19 82–20	0.36
7754	26 74–20	0.32	7834	24 68–20	0.29	7914	21 54–19	0.39	7994	27 51–20	0.37	8074	21 51–19	0.38	8154	22 88–20	0.41
7755	29 52–20	0.41	7835	22 90–20	0.34	7915	23 79–20	0.42	7995	25 74–20	0.39	8075	22 85–20	0.40	8155	25 84–20	0.39
7756	24 90–20	0.39	7836	25 43–20	0.36	7916	21 78–20	0.45	7996	25 77–20	0.31	8076	24 62–20	0.37	8156	22 77–20	0.38
7757	20 90–20	0.30	7837	19 72–20	0.38	7917	19 81–19	0.43	7997	23 78–20	0.41	8077	22 54–20	0.31	8157	22 54–19	0.42
7758	21 90–20	0.42	7838	23 54–20	0.40	7918	19 78–20	0.53	7998	22 85–20	0.41	8078	23 54–19	0.46	8158	22 89–20	0.37
7759	24 71–20	0.39	7839	8 94–19	0.62	7919	24 81–20	0.44	7999	23 76–20	0.30	8079	23 55–20	0.39	8159	20 84–20	0.31
7760	23 79–19	0.40	7840	21 80–20	0.40	7920	21 51–20	0.29	8000	22 86–20	0.36	8080	22 58–20	0.37	8160	22 57–19	0.40

№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms
		″			″			″			″			″			″
8161	24 50–20	0.41	8241	24 73–20	0.46	8321	22 77–20	0.26	8401	21 94–20	0.37	8481	25 56–20	0.40	8561	22 73–20	0.41
8162	22 87–20	0.37	8242	26 52–20	0.44	8322	24 77–20	0.39	8402	22 92–20	0.37	8482	26 77–20	0.42	8562	20 90–19	0.45
8163	21 80–19	0.36	8243	23 57–20	0.40	8323	20 52–20	0.35	8403	22 85–20	0.42	8483	19 81–20	0.34	8563	23 54–20	0.42
8164	21 90–20	0.40	8244	21 75–20	0.41	8324	22 54–20	0.41	8404	20 54–20	0.28	8484	19 63–20	0.32	8564	21 92–20	0.36
8165	22 55–20	0.34	8245	20 77–20	0.41	8325	20 81–20	0.44	8405	21 95–18	0.42	8485	22 54–20	0.37	8565	23 53–20	0.38
8166	20 89–20	0.38	8246	24 79–20	0.38	8326	22 78–20	0.33	8406	21 80–20	0.36	8486	20 89–20	0.37	8566	15 83–20	0.42
8167	23 51–19	0.40	8247	28 54–20	0.39	8327	22 72–20	0.39	8407	19 84–19	0.37	8487	21 78–20	0.34	8567	19 55–19	0.43
8168	20 91–20	0.33	8248	22 58–20	0.42	8328	21 81–19	0.49	8408	22 72–20	0.35	8488	21 88–19	0.42	8568	19 93–20	0.33
8169	25 81–19	0.44	8249	20 80–20	0.40	8329	26 77–20	0.38	8409	28 61–20	0.33	8489	23 76–20	0.42	8569	20 86–20	0.40
8170	22 91–20	0.37	8250	23 50–20	0.33	8330	24 51–20	0.37	8410	25 73–19	0.38	8490	20 78–20	0.42	8570	23 80–20	0.35
8171	23 51–20	0.35	8251	17 80–19	0.46	8331	24 49–20	0.36	8411	22 56–20	0.39	8491	20 89–20	0.42	8571	21 81–19	0.40
8172	27 75–20	0.38	8252	23 79–20	0.39	8332	21 55–20	0.38	8412	22 52–20	0.36	8492	21 82–20	0.39	8572	20 82–20	0.41
8173	22 81–20	0.36	8253	18 78–19	0.42	8333	21 82–20	0.34	8413	21 76–20	0.34	8493	20 86–19	0.43	8573	21 80–20	0.37
8174	22 80–20	0.37	8254	21 79–20	0.43	8334	23 54–20	0.36	8414	20 81–20	0.38	8494	24 51–20	0.41	8574	22 36–20	0.40
8175	24 90–20	0.28	8255	25 55–20	0.39	8335	20 84–20	0.38	8415	22 78–20	0.33	8495	21 90–19	0.46	8575	20 82–20	0.33
8176	26 91–20	0.54	8256	19 81–19	0.37	8336	22 84–20	0.40	8416	22 80–20	0.34	8496	20 90–20	0.36	8576	19 74–20	0.36
8177	23 50–20	0.34	8257	20 82–20	0.37	8337	22 79–20	0.42	8417	19 86–20	0.36	8497	20 82–19	0.41	8577	23 78–20	0.32
8178	22 86–20	0.32	8258	22 54–20	0.41	8338	19 85–19	0.35	8418	23 86–20	0.35	8498	21 77–20	0.37	8578	27 49–20	0.40
8179	23 85–20	0.36	8259	22 66–20	0.39	8339	23 51–20	0.42	8419	22 77–20	0.34	8499	20 85–19	0.42	8579	23 29–20	0.40
8180	23 88–20	0.27	8260	24 49–20	0.38	8340	22 85–20	0.34	8420	21 75–20	0.33	8500	23 85–20	0.39	8580	22 79–20	0.37
8181	23 79–20	0.35	8261	26 49–20	0.39	8341	25 50–20	0.38	8421	24 76–19	0.39	8501	26 88–20	0.39	8581	22 77–19	0.41
8182	24 87–20	0.36	8262	20 85–20	0.36	8342	22 79–19	0.44	8422	22 85–20	0.41	8502	24 85–20	0.39	8582	25 51–20	0.37
8183	23 83–20	0.40	8263	22 86–19	0.40	8343	22 86–20	0.37	8423	23 90–20	0.39	8503	20 80–20	0.41	8583	22 92–20	0.37
8184	22 54–20	0.31	8264	21 73–19	0.42	8344	20 87–20	0.37	8424	24 76–20	0.40	8504	20 88–19	0.40	8584	23 71–20	0.35
8185	25 80–20	0.38	8265	23 49–19	0.36	8345	20 68–20	0.29	8425	21 87–20	0.39	8505	22 71–19	0.37	8585	24 60–20	0.36
8186	25 49–20	0.33	8266	22 54–20	0.42	8346	28 51–20	0.39	8426	20 80–20	0.37	8506	20 89–19	0.51	8586	26 54–20	0.36
8187	22 71–20	0.37	8267	19 86–20	0.40	8347	23 82–20	0.44	8427	23 78–20	0.33	8507	13 91–19	0.47	8587	21 50–20	0.36
8188	22 83–20	0.33	8268	25 80–20	0.43	8348	16 88–19	0.35	8428	20 86–20	0.36	8508	24 55–19	0.43	8588	19 60–19	0.42
8189	24 82–20	0.39	8269	25 64–20	0.36	8349	20 51–19	0.35	8429	23 79–20	0.38	8509	23 55–20	0.38	8589	18 60–20	0.36
8190	21 76–19	0.45	8270	20 89–20	0.38	8350	23 79–20	0.31	8430	22 78–19	0.41	8510	22 91–20	0.40	8590	24 54–20	0.39
8191	19 80–19	0.41	8271	23 52–20	0.35	8351	24 71–20	0.35	8431	24 75–20	0.37	8511	21 77–20	0.36	8591	25 54–20	0.37
8192	18 60–19	0.40	8272	20 34–20	0.32	8352	21 89–20	0.37	8432	25 81–20	0.40	8512	20 89–20	0.38	8592	19 71–20	0.40
8193	16 93–19	0.38	8273	22 51–20	0.34	8353	26 51–20	0.44	8433	23 60–20	0.34	8513	20 73–20	0.31	8593	22 55–20	0.31
8194	21 50–20	0.34	8274	21 42–20	0.39	8354	24 78–20	0.38	8434	23 60–19	0.44	8514	23 54–20	0.44	8594	22 50–20	0.42
8195	23 55–19	0.50	8275	20 49–20	0.36	8355	20 89–20	0.40	8435	17 60–19	0.43	8515	24 51–20	0.40	8595	19 71–20	0.37
8196	23 75–20	0.38	8276	21 87–20	0.35	8356	17 89–20	0.36	8436	20 71–20	0.44	8516	22 73–20	0.36	8596	20 73–19	0.41
8197	26 55–19	0.38	8277	21 76–20	0.44	8357	25 48–19	0.38	8437	23 71–19	0.41	8517	24 79–20	0.38	8597	23 73–20	0.33
8198	22 64–20	0.36	8278	22 76–20	0.31	8358	18 89–20	0.38	8438	20 71–19	0.39	8518	24 62–20	0.39	8598	24 70–20	0.36
8199	21 93–20	0.41	8279	24 51–19	0.45	8359	21 89–20	0.39	8439	21 73–20	0.43	8519	22 77–20	0.43	8599	19 73–20	0.40
8200	21 92–20	0.36	8280	22 80–20	0.34	8360	26 54–20	0.27	8440	22 77–20	0.36	8520	23 89–20	0.38	8600	23 73–20	0.42
8201	17 81–19	0.57	8281	21 53–20	0.41	8361	22 53–19	0.38	8441	21 53–20	0.38	8521	18 60–19	0.47	8601	23 73–20	0.42
8202	23 59–20	0.38	8282	23 75–20	0.40	8362	22 79–20	0.40	8442	17 77–19	0.43	8522	21 72–19	0.41	8602	23 55–20	0.33
8203	24 74–20	0.40	8283	21 91–19	0.39	8363	23 90–20	0.34	8443	24 77–20	0.31	8523	21 80–20	0.47	8603	23 77–20	0.37
8204	22 77–20	0.39	8284	23 91–20	0.32	8364	24 55–20	0.36	8444	24 28–20	0.39	8524	20 91–20	0.39	8604	21 29–20	0.37
8205	23 89–20	0.38	8285	23 88–20	0.34	8365	21 73–20	0.42	8445	25 73–20	0.42	8525	20 92–20	0.40	8605	24 68–20	0.35
8206	22 49–19	0.40	8286	21 90–20	0.38	8366	22 79–20	0.37	8446	25 54–20	0.46	8526	23 50–20	0.37	8606	21 71–20	0.33
8207	20 87–19	0.47	8287	20 90–20	0.36	8367	20 88–20	0.43	8447	20 74–19	0.40	8527	22 55–20	0.38	8607	21 71–20	0.40
8208	21 88–20	0.36	8288	20 70–20	0.37	8368	19 91–20	0.37	8448	20 76–20	0.35	8528	23 81–20	0.34	8608	18 76–19	0.43
8209	22 93–20	0.34	8289	21 79–20	0.40	8369	22 53–20	0.28	8449	25 72–20	0.46	8529	22 91–20	0.40	8609	20 77–20	0.35
8210	23 72–19	0.56	8290	23 50–20	0.35	8370	21 55–19	0.33	8450	24 59–20	0.36	8530	21 74–20	0.37	8610	22 77–20	0.32
8211	22 75–20	0.39	8291	20 76–19	0.36	8371	25 54–20	0.43	8451	19 77–20	0.37	8531	23 58–20	0.40	8611	21 77–20	0.39
8212	22 58–20	0.35	8292	18 89–20	0.30	8372	23 86–20	0.44	8452	21 78–20	0.39	8532	23 56–20	0.34	8612	18 78–20	0.40
8213	18 60–20	0.32	8293	24 80–19	0.41	8373	12 92–17	0.34	8453	23 54–20	0.40	8533	21 79–20	0.34	8613	23 78–20	0.39
8214	22 82–20	0.31	8294	25 86–20	0.26	8374	23 90–20	0.41	8454	22 81–19	0.43	8534	23 81–19	0.39	8614	25 78–20	0.40
8215	21 77–20	0.38	8295	21 78–19	0.39	8375	24 68–20	0.36	8455	21 79–20	0.43	8535	23 77–20	0.36	8615	20 51–20	0.46
8216	21 92–20	0.35	8296	22 86–19	0.39	8376	26 78–20	0.40	8456	20 81–20	0.35	8536	23 72–20	0.40	8616	22 74–19	0.41
8217	19 49–19	0.37	8297	20 73–19	0.40	8377	23 76–20	0.44	8457	20 79–20	0.38	8537	25 53–20	0.41	8617	22 50–20	0.36
8218	22 71–20	0.39	8298	22 82–20	0.34	8378	20 90–19	0.37	8458	18 81–19	0.41	8538	24 53–20	0.33	8618	26 52–20	0.35
8219	25 74–20	0.33	8299	21 83–20	0.43	8379	22 74–20	0.33	8459	21 78–20	0.43	8539	23 75–19	0.44	8619	26 31–20	0.41
8220	20 89–20	0.43	8300	20 55–20	0.40	8380	21 74–20	0.27	8460	21 71–19	0.42	8540	21 79–20	0.33	8620	22 81–20	0.39
8221	22 91–20	0.44	8301	21 90–20	0.41	8381	22 81–20	0.39	8461	20 77–20	0.42	8541	21 54–20	0.38	8621	26 78–20	0.42
8222	21 90–20	0.39	8302	21 76–20	0.45	8382	21 77–20	0.42	8462	21 81–20	0.44	8542	20 91–20	0.39	8622	22 78–20	0.43
8223	21 92–20	0.36	8303	20 80–19	0.41	8383	21 92–20	0.40	8463	21 81–20	0.40	8543	20 79–19	0.37	8623	22 78–20	0.41
8224	20 92–19	0.47	8304	21 91–20	0.39	8384	19 88–19	0.43	8464	20 81–20	0.36	8544	20 91–20	0.39	8624	22 81–20	0.43
8225	23 81–20	0.37	8305	20 91–20	0.39	8385	21 82–20	0.39	8465	22 81–20	0.41	8545	20 94–20	0.37	8625	20 53–19	0.40
8226	24 78–20	0.30	8306	19 86–19	0.41	8386	24 81–20	0.44	8466	20 81–19	0.43	8546	25 72–20	0.34	8626	21 81–20	0.44
8227	27 77–20	0.40	8307	19 92–20	0.39	8387	27 51–20	0.39	8467	20 78–20	0.39	8547	18 78–20	0.41	8627	21 53–19	0.45
8228	23 55–20	0.39	8308	21 89–20	0.41	8388	21 88–19	0.43	8468	23 77–20	0.42	8548	20 51–20	0.31	8628	22 81–20	0.41
8229	25 79–20	0.37	8309	21 79–20	0.41	8389	22 77–20	0.41	8469	22 81–20	0.35	8549	20 94–20	0.40	8629	22 81–20	0.39
8230	21 80–20	0.42	8310	20 75–20	0.40	8390	24 77–20	0.39	8470	24 41–19	0.40	8550	25 79–20	0.36	8630	22 53–19	0.37
8231	26 75–20	0.39	8311	23 82–20	0.38	8391	22 82–20	0.36	8471	20 57–20	0.37	8551	23 86–20	0.32	8631	22 81–19	0.46
8232	20 80–20	0.39	8312	21 90–20	0.36	8392	18 90–19	0.41	8472	23 79–20	0.36	8552	21 60–19	0.45	8632	21 81–20	0.44
8233	22 75–20	0.37	8313	22 90–20	0.35	8393	21 55–20	0.41	8473	23 84–20	0.40	8553	20 89–20	0.37	8633	23 53–20	0.38
8234	24 77–20	0.39	8314	23 88–19	0.41	8394	18 86–19	0.43	8474	23 55–20	0.34	8554	19 88–20	0.44	8634	22 55–20	0.35
8235	19 60–20	0.43	8315	20 79–20	0.37	8395	20 78–19	0.40	8475	21 80–20	0.37	8555	20 91–20	0.38	8635	23 74–20	0.49
8236	20 60–19	0.39	8316	24 60–20	0.28	8396	22 76–19	0.35	8476	21 54–20	0.36	8556	22 92–20	0.44	8636	20 85–20	0.35
8237	22 60–20	0.40	8317	27 60–20	0.45	8397	22 72–20	0.34	8477	21 76–20	0.39	8557	20 92–19	0.41	8637	20 86–20	0.43
8238	20 52–19	0.45	8318	23 53–20	0.37	8398	20 93–20	0.43	8478	24 50–20	0.39	8558	23 91–20	0.38	8638	20 86–20	0.36
8239	24 54–20	0.39	8319	20 73–20	0.41	8399	19 77–20	0.41	8479	21 34–20	0.34	8559	22 89–20	0.38	8639	19 86–20	0.39
8240	21 73–20	0.42	8320	24 55–20	0.39	8400	21 92–20	0.32	8480	23 79–20	0.39	8560	21 90–20	0.54	8640	21 86–20	0.33

№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms
		″			″			″			″			″			″
8641	23 87–20	0.36	8721	27 79–20	0.34	8801	22 76–20	0.43	8881	21 93–20	0.41	8961	24 60–20	0.35	9041	22 55–20	0.41
8642	22 88–20	0.40	8722	20 48–20	0.31	8802	21 81–20	0.48	8882	21 87–20	0.28	8962	22 60–20	0.36	9042	22 91–20	0.36
8643	23 51–20	0.30	8723	17 89–19	0.48	8803	23 72–20	0.36	8883	20 89–19	0.42	8963	22 60–20	0.39	9043	23 54–19	0.42
8644	20 80–20	0.38	8724	20 85–20	0.41	8804	23 81–20	0.30	8884	23 51–20	0.36	8964	18 60–20	0.35	9044	21 84–20	0.37
8645	21 88–20	0.36	8725	19 92–20	0.36	8805	20 81–20	0.39	8885	20 94–20	0.37	8965	26 54–20	0.37	9045	21 90–20	0.41
8646	22 54–20	0.40	8726	23 79–20	0.34	8806	22 81–20	0.35	8886	23 85–20	0.39	8966	19 54–19	0.40	9046	19 91–19	0.46
8647	21 79–19	0.45	8727	22 82–20	0.40	8807	21 81–19	0.35	8887	21 91–20	0.32	8967	22 71–20	0.45	9047	19 91–20	0.69
8648	21 72–19	0.47	8728	21 85–20	0.41	8808	22 53–20	0.41	8888	22 80–20	0.37	8968	23 55–19	0.42	9048	24 79–20	0.34
8649	21 88–20	0.50	8729	21 76–20	0.38	8809	22 53–20	0.32	8889	21 94–20	0.33	8969	24 55–20	0.37	9049	20 91–20	0.40
8650	18 89–19	0.44	8730	20 63–20	0.38	8810	23 78–20	0.42	8890	26 75–20	0.41	8970	22 73–20	0.43	9050	24 51–20	0.35
8651	21 75–19	0.44	8731	19 91–19	0.44	8811	24 82–20	0.42	8891	25 77–20	0.43	8971	22 73–20	0.39	9051	21 71–20	0.37
8652	22 49–20	0.40	8732	22 75–19	0.40	8812	24 69–20	0.37	8892	25 51–19	0.39	8972	20 73–20	0.42	9052	24 54–20	0.37
8653	22 53–20	0.34	8733	20 91–20	0.39	8813	23 83–20	0.38	8893	20 88–20	0.32	8973	23 54–20	0.39	9053	20 89–20	0.35
8654	23 54–19	0.36	8734	21 80–19	0.43	8814	27 83–20	0.40	8894	19 94–20	0.52	8974	19 73–20	0.38	9054	21 90–20	0.35
8655	22 76–19	0.44	8735	24 72–20	0.37	8815	20 69–19	0.41	8895	20 71–20	0.39	8975	19 73–20	0.39	9055	22 80–20	0.39
8656	19 51–19	0.49	8736	24 29–20	0.38	8816	22 80–20	0.37	8896	22 76–20	0.36	8976	23 73–20	0.41	9056	23 85–20	0.35
8657	21 86–20	0.39	8737	21 83–20	0.35	8817	22 76–20	0.38	8897	20 94–20	0.41	8977	21 54–20	0.39	9057	26 53–20	0.37
8658	22 85–20	0.36	8738	19 79–20	0.34	8818	24 85–20	0.39	8898	21 76–20	0.39	8978	25 77–20	0.40	9058	15 92–19	0.47
8659	21 90–20	0.33	8739	24 72–20	0.39	8819	21 85–20	0.39	8899	21 82–20	0.36	8979	19 77–20	0.44	9059	20 79–20	0.36
8660	24 79–20	0.31	8740	23 90–19	0.43	8820	24 61–20	0.41	8900	21 79–20	0.33	8980	20 68–20	0.38	9060	19 79–20	0.35
8661	24 69–20	0.38	8741	22 77–20	0.41	8821	20 87–19	0.47	8901	23 79–20	0.50	8981	22 64–20	0.33	9061	23 51–20	0.35
8662	24 90–20	0.39	8742	19 80–20	0.39	8822	23 55–20	0.44	8902	21 76–19	0.37	8982	19 73–19	0.41	9062	20 88–19	0.41
8663	20 91–19	0.37	8743	26 67–20	0.35	8823	23 87–19	0.37	8903	21 53–19	0.41	8983	26 69–20	0.32	9063	20 83–19	0.44
8664	21 88–20	0.37	8744	24 79–20	0.42	8824	21 79–20	0.43	8904	22 58–19	0.44	8984	24 77–20	0.41	9064	20 91–20	0.33
8665	20 78–20	0.40	8745	20 72–20	0.38	8825	19 88–20	0.33	8905	23 78–20	0.45	8985	19 78–20	0.40	9065	24 52–20	0.34
8666	20 77–19	0.46	8746	23 75–20	0.38	8826	23 79–20	0.40	8906	24 77–20	0.36	8986	24 34–20	0.38	9066	25 72–20	0.41
8667	20 89–20	0.40	8747	24 71–20	0.36	8827	20 88–19	0.42	8907	22 92–20	0.39	8987	22 78–20	0.45	9067	23 71–20	0.31
8668	20 81–20	0.36	8748	21 77–20	0.32	8828	21 79–20	0.35	8908	20 74–19	0.36	8988	27 55–20	0.36	9068	18 80–20	0.27
8669	20 91–20	0.34	8749	19 84–19	0.41	8829	24 88–20	0.38	8909	24 62–20	0.38	8989	19 79–20	0.36	9069	18 91–19	0.46
8670	21 69–20	0.35	8750	22 60–20	0.40	8830	21 88–20	0.36	8910	25 88–20	0.40	8990	22 80–20	0.39	9070	18 93–20	0.31
8671	20 76–20	0.35	8751	24 60–19	0.41	8831	22 89–20	0.40	8911	21 92–19	0.39	8991	27 75–20	0.31	9071	22 92–20	0.44
8672	22 71–20	0.44	8752	22 50–20	0.44	8832	25 52–19	0.45	8912	22 83–20	0.43	8992	21 54–20	0.38	9072	23 91–20	0.29
8673	23 64–20	0.36	8753	20 60–19	0.39	8833	24 80–20	0.34	8913	23 93–20	0.42	8993	21 80–20	0.37	9073	21 80–19	0.42
8674	23 88–20	0.39	8754	23 53–20	0.37	8834	22 86–20	0.38	8914	21 76–19	0.38	8994	23 75–20	0.34	9074	23 54–20	0.37
8675	21 87–20	0.37	8755	23 60–20	0.38	8835	25 54–20	0.33	8915	24 89–20	0.33	8995	26 55–20	0.39	9075	21 88–20	0.36
8676	21 90–20	0.42	8756	22 60–20	0.40	8836	24 76–20	0.33	8916	19 90–20	0.36	8996	21 78–19	0.40	9076	19 94–19	0.50
8677	22 92–19	0.42	8757	20 60–20	0.42	8837	20 68–20	0.44	8917	22 76–20	0.28	8997	22 78–19	0.45	9077	24 81–20	0.41
8678	22 92–20	0.42	8758	21 60–20	0.46	8838	23 77–20	0.29	8918	21 87–19	0.55	8998	21 81–20	0.35	9078	21 75–20	0.35
8679	22 79–20	0.46	8759	21 60–20	0.43	8839	25 78–20	0.42	8919	20 88–20	0.32	8999	20 81–20	0.41	9079	21 93–19	0.39
8680	21 92–20	0.39	8760	24 71–20	0.42	8840	18 89–19	0.38	8920	18 78–19	0.45	9000	22 75–20	0.35	9080	23 77–20	0.42
8681	24 89–20	0.43	8761	20 71–20	0.37	8841	20 53–19	0.50	8921	19 86–20	0.33	9001	19 81–19	0.42	9081	22 90–19	0.37
8682	23 92–20	0.41	8762	25 55–20	0.34	8842	20 90–20	0.37	8922	20 73–19	0.41	9002	22 53–20	0.37	9082	21 94–20	0.46
8683	21 90–20	0.41	8763	23 54–20	0.37	8843	21 90–20	0.44	8923	21 79–20	0.39	9003	27 55–20	0.35	9083	23 57–20	0.25
8684	22 82–20	0.42	8764	18 73–20	0.42	8844	20 53–20	0.39	8924	21 60–20	0.43	9004	22 82–20	0.41	9084	17 80–20	0.41
8685	20 92–20	0.41	8765	20 73–20	0.38	8845	23 90–20	0.44	8925	21 81–20	0.42	9005	24 82–20	0.37	9085	19 64–20	0.41
8686	19 89–19	0.38	8766	20 73–20	0.44	8846	25 52–20	0.40	8926	23 89–20	0.42	9006	21 61–20	0.30	9086	22 58–20	0.37
8687	20 78–19	0.43	8767	23 73–20	0.50	8847	23 90–20	0.38	8927	20 94–20	0.34	9007	24 79–20	0.38	9087	19 94–20	0.40
8688	19 92–19	0.39	8768	19 73–20	0.32	8848	22 80–20	0.39	8928	21 69–20	0.38	9008	20 84–20	0.32	9088	21 82–20	0.38
8689	20 72–20	0.39	8769	22 73–20	0.39	8849	22 89–20	0.40	8929	20 91–20	0.36	9009	20 84–20	0.38	9089	20 91–20	0.33
8690	19 89–20	0.40	8770	25 73–20	0.38	8850	23 90–20	0.40	8930	19 89–20	0.38	9010	21 84–19	0.36	9090	22 86–20	0.38
8691	20 31–20	0.40	8771	23 71–20	0.43	8851	23 63–20	0.34	8931	21 73–20	0.38	9011	19 82–19	0.43	9091	22 87–20	0.34
8692	20 81–20	0.38	8772	21 51–20	0.40	8852	20 75–19	0.41	8932	22 89–19	0.35	9012	21 74–20	0.35	9092	21 92–19	0.34
8693	24 55–20	0.30	8773	23 73–20	0.36	8853	19 89–19	0.46	8933	22 90–20	0.42	9013	22 85–20	0.46	9093	21 82–20	0.32
8694	29 76–20	0.39	8774	22 73–20	0.40	8854	21 54–20	0.40	8934	23 78–20	0.35	9014	19 78–19	0.42	9094	21 83–20	0.42
8695	21 90–20	0.39	8775	20 73–20	0.43	8855	21 84–19	0.39	8935	20 69–20	0.39	9015	24 52–20	0.33	9095	21 61–20	0.39
8696	19 93–20	0.43	8776	24 77–20	0.41	8856	21 91–20	0.40	8936	20 84–20	0.37	9016	15 86–20	0.40	9096	24 89–20	0.31
8697	24 71–20	0.41	8777	26 76–20	0.41	8857	21 91–20	0.40	8937	21 50–20	0.38	9017	22 53–20	0.30	9097	22 93–20	0.48
8698	23 81–20	0.42	8778	22 31–19	0.38	8858	21 50–20	0.41	8938	20 39–20	0.41	9018	20 87–20	0.44	9098	23 89–20	0.37
8699	22 93–19	0.38	8779	22 71–20	0.42	8859	22 75–20	0.35	8939	23 85–19	0.40	9019	20 87–20	0.35	9099	20 84–20	0.41
8700	26 75–20	0.39	8780	21 52–20	0.41	8860	23 69–20	0.30	8940	22 83–19	0.39	9020	22 75–19	0.43	9100	21 77–20	0.29
8701	23 83–20	0.36	8781	21 76–20	0.37	8861	22 77–20	0.39	8941	24 89–20	0.31	9021	24 73–20	0.30	9101	19 77–19	0.42
8702	19 53–20	0.37	8782	22 53–20	0.36	8862	22 54–19	0.39	8942	21 91–20	0.38	9022	22 55–20	0.40	9102	22 92–20	0.46
8703	22 53–20	0.37	8783	22 77–19	0.34	8863	21 78–20	0.39	8943	18 91–20	0.42	9023	30 50–20	0.36	9103	21 89–20	0.38
8704	18 86–20	0.40	8784	20 77–20	0.41	8864	24 70–20	0.40	8944	24 92–20	0.40	9024	24 50–20	0.47	9104	21 86–20	0.38
8705	21 91–20	0.38	8785	21 78–20	0.37	8865	23 82–20	0.36	8945	20 90–20	0.39	9025	22 88–20	0.39	9105	21 93–19	0.39
8706	20 89–19	0.39	8786	20 78–20	0.38	8866	22 31–20	0.30	8946	24 80–20	0.39	9026	24 81–20	0.41	9106	21 54–20	0.35
8707	21 91–20	0.40	8787	22 78–20	0.32	8867	23 78–20	0.41	8947	22 86–20	0.36	9027	22 81–20	0.43	9107	21 81–20	0.38
8708	20 84–20	0.37	8788	19 78–19	0.40	8868	22 92–20	0.38	8948	19 71–20	0.39	9028	23 80–20	0.31	9108	20 91–19	0.42
8709	12 90–19	0.55	8789	23 78–19	0.39	8869	25 54–20	0.40	8949	22 84–20	0.43	9029	23 89–20	0.44	9109	20 90–20	0.41
8710	22 54–20	0.36	8790	22 78–20	0.41	8870	22 77–20	0.39	8950	21 78–20	0.33	9030	26 54–20	0.47	9110	20 85–19	0.37
8711	21 94–20	0.36	8791	23 69–20	0.46	8871	22 92–20	0.40	8951	21 76–19	0.32	9031	20 89–20	0.35	9111	20 83–19	0.41
8712	25 78–20	0.38	8792	20 78–20	0.40	8872	23 91–20	0.38	8952	21 89–19	0.45	9032	23 73–19	0.43	9112	23 76–20	0.42
8713	21 88–20	0.36	8793	22 79–19	0.38	8873	21 49–20	0.37	8953	18 90–19	0.46	9033	21 90–20	0.24	9113	22 76–20	0.38
8714	21 85–20	0.41	8794	20 79–19	0.42	8874	23 75–20	0.42	8954	23 76–19	0.39	9034	22 56–20	0.38	9114	20 81–19	0.46
8715	22 81–20	0.40	8795	25 49–20	0.37	8875	19 71–19	0.41	8955	22 91–20	0.34	9035	24 63–20	0.35	9115	19 80–20	0.37
8716	23 90–20	0.41	8796	22 71–19	0.45	8876	21 87–20	0.38	8956	19 74–20	0.34	9036	22 52–20	0.41	9116	21 83–19	0.48
8717	24 78–20	0.38	8797	25 51–20	0.40	8877	21 77–20	0.40	8957	19 69–19	0.40	9037	23 81–19	0.42	9117	22 52–20	0.30
8718	22 79–20	0.44	8798	22 76–20	0.46	8878	22 90–20	0.40	8958	25 71–20	0.37	9038	22 50–20	0.31	9118	24 67–19	0.43
8719	21 94–20	0.45	8799	18 81–19	0.47	8879	20 93–20	0.37	8959	22 60–19	0.41	9039	22 90–20	0.38	9119	24 90–20	0.43
8720	21 91–19	0.40	8800	18 81–20	0.40	8880	25 76–20	0.37	8960	24 60–20	0.39	9040	22 91–20	0.40	9120	22 66–20	0.40

№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms
		″			″			″			″			″			″
9121	26 76–20	0.33	9201	26 77–20	0.35	9281	19 79–20	0.39	9361	21 90–20	0.42	9441	22 81–20	0.44	9521	20 80–20	0.41
9122	22 60–19	0.43	9202	16 93–19	0.41	9282	20 81–20	0.39	9362	21 92–19	0.35	9442	20 90–20	0.31	9522	23 54–20	0.38
9123	21 73–19	0.41	9203	26 49–20	0.37	9283	24 50–20	0.44	9363	20 86–19	0.37	9443	18 79–19	0.42	9523	23 54–20	0.43
9124	21 81–19	0.41	9204	19 91–19	0.36	9284	24 71–20	0.42	9364	21 89–20	0.41	9444	22 91–20	0.44	9524	20 75–20	0.40
9125	20 61–20	0.39	9205	26 75–20	0.39	9285	21 77–20	0.37	9365	19 91–19	0.42	9445	19 91–19	0.43	9525	18 77–20	0.43
9126	16 79–19	0.49	9206	24 80–20	0.43	9286	18 77–19	0.43	9366	19 78–20	0.38	9446	23 85–20	0.41	9526	24 81–20	0.43
9127	22 60–20	0.39	9207	23 90–20	0.45	9287	23 78–20	0.39	9367	19 93–20	0.35	9447	20 79–20	0.37	9527	18 77–19	0.43
9128	20 79–20	0.38	9208	22 88–20	0.35	9288	20 53–20	0.42	9368	20 91–20	0.35	9448	22 92–20	0.41	9528	22 81–20	0.43
9129	22 78–19	0.45	9209	22 85–20	0.38	9289	21 64–20	0.36	9369	21 82–20	0.36	9449	21 89–20	0.31	9529	17 77–19	0.41
9130	20 73–20	0.38	9210	20 77–18	0.41	9290	19 81–20	0.40	9370	23 78–20	0.39	9450	19 84–20	0.38	9530	24 51–20	0.43
9131	21 76–20	0.38	9211	19 77–20	0.40	9291	21 82–19	0.43	9371	20 93–20	0.37	9451	22 76–20	0.37	9531	20 61–20	0.41
9132	24 54–20	0.38	9212	19 88–19	0.44	9292	21 71–20	0.38	9372	21 93–19	0.43	9452	19 81–20	0.44	9532	22 76–20	0.35
9133	21 60–19	0.46	9213	22 80–20	0.39	9293	26 79–20	0.40	9373	19 93–20	0.40	9453	23 79–20	0.38	9533	22 73–20	0.38
9134	21 60–19	0.42	9214	20 72–20	0.37	9294	28 50–20	0.38	9374	22 82–20	0.39	9454	24 89–19	0.41	9534	26 53–20	0.44
9135	19 60–19	0.41	9215	19 88–20	0.32	9295	21 50–19	0.41	9375	22 79–20	0.37	9455	21 81–20	0.35	9535	21 79–20	0.35
9136	23 71–20	0.35	9216	23 78–20	0.36	9296	21 83–20	0.39	9376	24 87–20	0.37	9456	21 89–19	0.44	9536	23 49–19	0.38
9137	24 73–19	0.40	9217	19 91–19	0.49	9297	22 70–19	0.29	9377	20 91–20	0.39	9457	23 26–20	0.35	9537	24 53–19	0.42
9138	22 73–20	0.42	9218	20 74–20	0.37	9298	22 56–20	0.36	9378	22 81–20	0.46	9458	22 82–19	0.48	9538	22 54–20	0.35
9139	20 73–19	0.37	9219	24 52–20	0.32	9299	24 78–20	0.34	9379	24 87–20	0.34	9459	19 78–19	0.34	9539	23 82–19	0.40
9140	21 77–20	0.41	9220	20 87–20	0.34	9300	21 55–19	0.46	9380	21 91–20	0.35	9460	20 74–20	0.33	9540	21 57–19	0.46
9141	25 54–20	0.35	9221	19 78–20	0.37	9301	20 71–20	0.40	9381	23 75–20	0.39	9461	21 77–20	0.39	9541	23 83–20	0.35
9142	26 54–20	0.35	9222	22 84–20	0.28	9302	21 72–20	0.40	9382	22 58–20	0.40	9462	21 84–20	0.40	9542	24 64–20	0.37
9143	21 55–20	0.39	9223	25 49–20	0.34	9303	21 86–20	0.38	9383	20 77–19	0.41	9463	22 79–19	0.46	9543	21 54–20	0.34
9144	22 55–19	0.40	9224	19 89–19	0.48	9304	22 54–20	0.37	9384	25 77–20	0.36	9464	22 80–20	0.38	9544	23 84–20	0.37
9145	21 73–19	0.34	9225	21 85–20	0.41	9305	19 54–20	0.36	9385	23 87–20	0.46	9465	21 71–19	0.36	9545	22 71–20	0.41
9146	27 58–20	0.35	9226	23 80–20	0.43	9306	23 75–20	0.37	9386	22 53–19	0.43	9466	20 88–19	0.46	9546	19 53–20	0.39
9147	24 51–20	0.37	9227	23 77–19	0.43	9307	20 55–19	0.54	9387	18 86–19	0.63	9467	24 76–20	0.45	9547	20 79–19	0.42
9148	19 77–20	0.39	9228	25 75–19	0.44	9308	23 50–20	0.44	9388	19 88–20	0.47	9468	20 81–19	0.39	9548	18 54–19	0.53
9149	20 77–19	0.36	9229	25 88–20	0.40	9309	23 54–19	0.50	9389	20 82–20	0.44	9469	20 73–19	0.49	9549	24 81–20	0.28
9150	23 54–20	0.35	9230	24 71–20	0.42	9310	25 52–20	0.44	9390	21 76–19	0.44	9470	25 81–19	0.40	9550	22 81–20	0.39
9151	20 79–20	0.38	9231	21 76–20	0.37	9311	20 76–19	0.39	9391	22 85–20	0.39	9471	23 79–20	0.37	9551	15 85–20	0.37
9152	19 69–19	0.42	9232	20 93–20	0.35	9312	20 87–20	0.35	9392	20 79–20	0.39	9472	22 76–19	0.45	9552	24 85–20	0.36
9153	23 53–20	0.34	9233	20 86–20	0.30	9313	21 88–20	0.36	9393	21 72–19	0.37	9473	20 93–20	0.44	9553	22 54–20	0.39
9154	23 56–20	0.35	9234	20 71–20	0.36	9314	20 88–20	0.42	9394	23 81–20	0.39	9474	20 81–20	0.37	9554	16 85–20	0.28
9155	24 82–19	0.47	9235	20 93–20	0.39	9315	20 77–20	0.42	9395	21 93–19	0.38	9475	24 76–20	0.44	9555	20 51–19	0.43
9156	23 55–20	0.39	9236	20 79–20	0.44	9316	23 78–19	0.37	9396	22 78–20	0.45	9476	20 79–20	0.38	9556	20 79–20	0.31
9157	21 68–20	0.38	9237	20 77–20	0.39	9317	21 88–20	0.40	9397	21 93–20	0.41	9477	18 60–20	0.41	9557	20 86–19	0.38
9158	22 81–20	0.39	9238	21 82–20	0.39	9318	19 88–20	0.37	9398	22 92–20	0.40	9478	19 54–19	0.45	9558	28 75–20	0.45
9159	20 54–19	0.40	9239	18 82–19	0.43	9319	19 88–20	0.38	9399	19 93–20	0.35	9479	20 60–19	0.41	9559	25 53–19	0.39
9160	20 86–20	0.31	9240	23 84–20	0.40	9320	21 88–20	0.38	9400	11 91–20	0.31	9480	24 60–20	0.42	9560	21 72–20	0.40
9161	20 87–19	0.39	9241	21 80–20	0.30	9321	22 77–19	0.39	9401	19 94–19	0.34	9481	21 60–20	0.36	9561	21 55–20	0.42
9162	17 87–19	0.43	9242	18 55–19	0.44	9322	24 81–20	0.44	9402	23 88–20	0.32	9482	20 53–20	0.38	9562	26 54–19	0.46
9163	22 87–20	0.43	9243	23 92–20	0.39	9323	20 54–19	0.50	9403	21 92–19	0.36	9483	23 60–19	0.40	9563	22 51–19	0.38
9164	22 53–19	0.42	9244	21 75–19	0.38	9324	20 89–19	0.40	9404	21 89–20	0.38	9484	24 54–19	0.41	9564	20 51–20	0.34
9165	21 73–20	0.32	9245	19 91–19	0.46	9325	23 70–20	0.37	9405	26 54–20	0.36	9485	18 60–19	0.41	9565	20 87–20	0.36
9166	24 87–20	0.42	9246	21 77–20	0.43	9326	20 89–20	0.44	9406	22 89–20	0.41	9486	21 49–20	0.44	9566	21 80–19	0.38
9167	23 81–20	0.55	9247	23 50–20	0.28	9327	24 89–20	0.42	9407	19 81–19	0.40	9487	24 51–20	0.38	9567	20 76–19	0.44
9168	23 83–20	0.39	9248	23 60–20	0.33	9328	21 90–19	0.39	9408	24 78–20	0.43	9488	20 60–20	0.41	9568	22 88–20	0.35
9169	18 88–20	0.39	9249	20 60–20	0.41	9329	21 60–20	0.36	9409	21 71–19	0.43	9489	20 71–19	0.44	9569	19 88–19	0.40
9170	21 78–20	0.40	9250	21 60–20	0.38	9330	24 79–20	0.39	9410	23 78–19	0.39	9490	26 71–20	0.38	9570	23 82–20	0.37
9171	21 82–20	0.31	9251	22 60–20	0.45	9331	20 90–20	0.42	9411	22 89–20	0.44	9491	18 71–20	0.34	9571	22 51–20	0.43
9172	9 89–17	0.68	9252	22 60–19	0.44	9332	23 51–20	0.34	9412	22 80–20	0.37	9492	22 71–20	0.42	9572	20 88–20	0.44
9173	23 75–20	0.33	9253	23 71–20	0.43	9333	22 90–20	0.30	9413	20 88–20	0.42	9493	21 69–20	0.37	9573	26 53–20	0.37
9174	22 53–20	0.37	9254	21 55–19	0.41	9334	21 76–19	0.39	9414	22 91–20	0.31	9494	20 55–20	0.34	9574	23 81–20	0.38
9175	25 75–19	0.47	9255	19 71–20	0.41	9335	27 79–20	0.37	9415	18 84–20	0.44	9495	19 71–20	0.41	9575	21 89–20	0.42
9176	24 81–20	0.41	9256	23 54–20	0.40	9336	19 91–19	0.42	9416	21 81–20	0.45	9496	22 71–20	0.37	9576	24 55–20	0.34
9177	22 53–20	0.41	9257	23 73–19	0.37	9337	23 79–20	0.40	9417	21 89–19	0.42	9497	22 50–20	0.37	9577	19 89–20	0.46
9178	20 89–20	0.39	9258	19 73–19	0.41	9338	22 87–19	0.36	9418	17 82–20	0.33	9498	18 73–19	0.49	9578	23 55–19	0.39
9179	23 50–20	0.37	9259	21 73–19	0.38	9339	24 91–20	0.43	9419	19 88–20	0.35	9499	26 53–20	0.43	9579	20 76–19	0.37
9180	25 88–20	0.36	9260	19 53–20	0.38	9340	22 91–20	0.40	9420	22 78–20	0.38	9500	21 71–20	0.38	9580	23 50–20	0.39
9181	21 77–19	0.49	9261	21 53–20	0.43	9341	19 91–19	0.44	9421	18 91–19	0.43	9501	19 73–20	0.35	9581	20 54–20	0.39
9182	20 33–20	0.37	9262	23 73–20	0.31	9342	20 53–20	0.39	9422	17 79–20	0.40	9502	20 73–19	0.44	9582	20 69–19	0.48
9183	20 50–20	0.36	9263	22 76–20	0.41	9343	20 83–19	0.40	9423	24 83–20	0.32	9503	22 73–20	0.40	9583	21 75–20	0.40
9184	23 81–19	0.39	9264	25 54–20	0.34	9344	18 91–19	0.59	9424	20 80–19	0.41	9504	25 71–20	0.45	9584	20 75–19	0.42
9185	20 62–19	0.57	9265	20 78–20	0.39	9345	20 80–19	0.44	9425	18 91–20	0.37	9505	20 73–19	0.46	9585	20 88–20	0.40
9186	20 91–20	0.39	9266	25 71–20	0.39	9346	19 88–20	0.36	9426	21 89–20	0.39	9506	21 73–20	0.38	9586	25 86–20	0.36
9187	21 90–20	0.41	9267	21 78–20	0.43	9347	21 79–20	0.34	9427	22 91–20	0.41	9507	19 73–19	0.58	9587	20 88–20	0.39
9188	20 80–20	0.37	9268	24 78–20	0.35	9348	21 53–20	0.33	9428	21 89–20	0.38	9508	23 49–20	0.46	9588	22 55–20	0.34
9189	21 78–20	0.37	9269	21 78–20	0.34	9349	19 91–20	0.33	9429	23 72–20	0.42	9509	20 77–19	0.44	9589	22 71–20	0.42
9190	20 73–20	0.37	9270	23 62–19	0.41	9350	20 69–20	0.44	9430	24 78–20	0.35	9510	21 77–19	0.43	9590	22 91–19	0.43
9191	20 91–20	0.30	9271	21 78–20	0.35	9351	18 91–19	0.44	9431	23 93–20	0.32	9511	22 73–20	0.38	9591	21 78–20	0.41
9192	22 86–20	0.41	9272	22 76–19	0.40	9352	21 89–20	0.33	9432	20 77–19	0.41	9512	22 66–20	0.31	9592	23 91–20	0.39
9193	21 90–20	0.33	9273	23 79–20	0.41	9353	21 54–19	0.40	9433	19 90–19	0.42	9513	24 48–20	0.35	9593	20 89–20	0.33
9194	21 87–19	0.39	9274	22 50–19	0.40	9354	20 91–20	0.35	9434	19 78–20	0.39	9514	21 73–20	0.40	9594	22 85–20	0.29
9195	23 84–20	0.42	9275	20 80–19	0.42	9355	20 55–19	0.50	9435	22 76–20	0.36	9515	23 55–20	0.35	9595	20 53–20	0.39
9196	23 71–20	0.32	9276	22 51–19	0.42	9356	21 89–19	0.28	9436	22 79–20	0.35	9516	23 53–19	0.48	9596	22 71–20	0.36
9197	23 56–20	0.44	9277	22 53–19	0.50	9357	22 90–19	0.37	9437	19 81–20	0.38	9517	22 70–20	0.43	9597	21 77–20	0.39
9198	21 78–20	0.35	9278	26 75–20	0.41	9358	21 90–19	0.43	9438	19 91–20	0.41	9518	21 71–19	0.39	9598	22 50–20	0.38
9199	23 86–20	0.36	9279	19 79–20	0.44	9359	22 77–20	0.38	9439	22 80–20	0.44	9519	20 78–20	0.38	9599	19 91–20	0.38
9200	21 75–20	0.35	9280	19 81–20	0.49	9360	21 92–19	0.42	9440	21 82–19	0.38	9520	21 51–20	0.36	9600	20 53–20	0.44

№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms
		″			″			″			″			″			″
9601	20 74–20	0.29	9681	23 52–19	0.40	9761	19 62–20	0.37	9841	19 75–19	0.38	9921	22 53–20	0.39	10001	21 54–20	0.39
9602	21 77–20	0.41	9682	18 60–19	0.39	9762	19 91–20	0.40	9842	19 89–20	0.43	9922	20 53–19	0.44	10002	23 69–20	0.40
9603	18 80–19	0.39	9683	22 60–20	0.38	9763	21 85–20	0.33	9843	21 88–20	0.39	9923	19 79–20	0.46	10003	23 71–20	0.39
9604	21 77–20	0.41	9684	23 49–20	0.39	9764	19 80–20	0.35	9844	20 49–19	0.51	9924	19 81–19	0.44	10004	20 75–20	0.39
9605	17 87–19	0.45	9685	21 60–20	0.41	9765	24 75–20	0.38	9845	22 76–19	0.37	9925	19 81–20	0.43	10005	22 76–20	0.38
9606	21 83–19	0.43	9686	22 53–20	0.42	9766	21 54–19	0.41	9846	21 53–19	0.41	9926	17 81–19	0.41	10006	21 76–20	0.35
9607	22 79–20	0.39	9687	25 51–20	0.40	9767	8 80–18	0.53	9847	19 90–19	0.47	9927	20 81–20	0.37	10007	21 76–20	0.30
9608	24 87–20	0.36	9688	25 49–20	0.38	9768	21 77–19	0.64	9848	20 79–19	0.42	9928	21 51–20	0.40	10008	22 77–19	0.38
9609	23 35–20	0.33	9689	18 60–20	0.35	9769	20 93–20	0.41	9849	21 90–19	0.39	9929	20 82–20	0.38	10009	22 77–19	0.43
9610	25 75–19	0.42	9690	22 53–20	0.36	9770	19 93–20	0.39	9850	20 90–20	0.39	9930	23 50–19	0.42	10010	22 78–20	0.37
9611	24 56–19	0.41	9691	22 60–20	0.36	9771	19 91–20	0.39	9851	21 83–20	0.35	9931	21 82–20	0.36	10011	22 54–20	0.41
9612	20 87–19	0.50	9692	18 60–20	0.39	9772	23 49–19	0.40	9852	19 77–20	0.35	9932	23 65–20	0.37	10012	19 78–19	0.43
9613	22 77–20	0.42	9693	24 60–20	0.43	9773	21 89–19	0.32	9853	25 77–20	0.35	9933	19 85–19	0.44	10013	22 78–19	0.41
9614	20 76–20	0.40	9694	23 60–19	0.42	9774	21 90–20	0.37	9854	21 91–20	0.39	9934	21 85–20	0.33	10014	23 78–19	0.42
9615	20 51–20	0.35	9695	20 53–20	0.38	9775	20 51–20	0.40	9855	21 81–20	0.28	9935	23 54–20	0.40	10015	18 78–19	0.42
9616	24 49–20	0.43	9696	21 60–20	0.37	9776	21 90–20	0.38	9856	10 91–19	0.30	9936	21 81–20	0.30	10016	18 74–19	0.44
9617	21 51–20	0.43	9697	23 53–20	0.38	9777	20 90–20	0.39	9857	22 91–20	0.35	9937	22 83–20	0.47	10017	20 75–19	0.37
9618	17 86–19	0.43	9698	19 71–19	0.41	9778	20 79–19	0.37	9858	25 77–20	0.45	9938	23 82–19	0.43	10018	22 79–20	0.43
9619	21 71–19	0.42	9699	21 71–20	0.38	9779	21 54–19	0.43	9859	26 80–20	0.43	9939	19 88–20	0.42	10019	21 78–20	0.39
9620	19 88–20	0.37	9700	19 71–20	0.42	9780	19 73–19	0.33	9860	22 91–19	0.44	9940	19 50–19	0.41	10020	23 79–20	0.32
9621	20 81–20	0.36	9701	19 73–19	0.48	9781	20 90–20	0.38	9861	17 91–20	0.43	9941	19 89–20	0.37	10021	19 54–20	0.32
9622	17 71–20	0.40	9702	19 73–19	0.40	9782	20 93–20	0.37	9862	21 73–19	0.43	9942	18 89–20	0.33	10022	19 79–20	0.35
9623	24 55–20	0.38	9703	19 73–19	0.46	9783	22 76–19	0.40	9863	19 91–20	0.40	9943	21 82–20	0.38	10023	26 50–20	0.45
9624	21 79–19	0.41	9704	20 54–20	0.36	9784	20 77–20	0.38	9864	22 53–20	0.38	9944	24 88–20	0.41	10024	22 54–19	0.44
9625	24 85–20	0.36	9705	20 77–20	0.42	9785	23 87–19	0.39	9865	20 91–20	0.38	9945	25 71–20	0.35	10025	25 73–20	0.30
9626	19 87–19	0.37	9706	22 77–20	0.45	9786	22 87–20	0.42	9866	19 77–19	0.41	9946	22 50–20	0.41	10026	21 76–20	0.38
9627	20 93–19	0.41	9707	20 77–20	0.36	9787	23 86–20	0.40	9867	22 55–20	0.39	9947	22 75–20	0.31	10027	24 53–20	0.47
9628	22 51–20	0.25	9708	19 77–20	0.42	9788	21 89–20	0.40	9868	21 89–20	0.42	9948	22 79–19	0.40	10028	22 78–19	0.34
9629	24 26–19	0.41	9709	23 77–20	0.34	9789	27 76–20	0.37	9869	19 92–20	0.39	9949	21 78–20	0.42	10029	21 76–20	0.34
9630	23 84–20	0.41	9710	18 64–19	0.42	9790	23 87–19	0.43	9870	22 54–20	0.41	9950	13 90–20	0.35	10030	22 81–20	0.37
9631	24 79–20	0.38	9711	21 72–20	0.30	9791	20 90–20	0.36	9871	23 59–20	0.39	9951	21 74–19	0.40	10031	21 81–20	0.30
9632	22 72–20	0.32	9712	25 73–19	0.48	9792	21 89–19	0.39	9872	17 92–20	0.39	9952	20 76–20	0.37	10032	19 54–20	0.31
9633	24 82–20	0.36	9713	24 73–19	0.44	9793	23 81–20	0.41	9873	21 82–20	0.31	9953	22 51–20	0.39	10033	22 79–20	0.38
9634	20 54–20	0.41	9714	20 54–19	0.51	9794	19 78–19	0.35	9874	23 80–19	0.43	9954	20 84–19	0.45	10034	20 81–20	0.34
9635	19 89–19	0.40	9715	20 75–19	0.45	9795	22 91–20	0.42	9875	20 87–20	0.39	9955	20 67–20	0.38	10035	18 82–20	0.42
9636	20 93–19	0.43	9716	23 75–20	0.43	9796	17 77–20	0.34	9876	20 91–20	0.39	9956	19 91–20	0.36	10036	22 82–20	0.42
9637	20 72–19	0.47	9717	21 69–20	0.33	9797	24 90–19	0.40	9877	21 89–19	0.53	9957	22 87–20	0.36	10037	19 84–20	0.34
9638	20 94–20	0.41	9718	19 54–20	0.41	9798	21 84–20	0.34	9878	21 94–20	0.41	9958	20 91–19	0.39	10038	21 84–19	0.44
9639	20 94–20	0.37	9719	22 77–20	0.39	9799	22 86–20	0.27	9879	19 71–19	0.48	9959	18 89–20	0.45	10039	23 68–20	0.36
9640	19 93–20	0.40	9720	18 80–20	0.38	9800	19 79–19	0.42	9880	22 77–20	0.37	9960	22 78–20	0.39	10040	21 70–20	0.40
9641	19 91–20	0.42	9721	21 80–20	0.40	9801	22 71–19	0.39	9881	18 76–20	0.44	9961	22 76–20	0.42	10041	21 85–20	0.34
9642	21 79–20	0.36	9722	18 51–19	0.50	9802	21 90–20	0.39	9882	20 79–19	0.44	9962	19 91–19	0.39	10042	22 50–20	0.31
9643	21 77–19	0.39	9723	18 81–19	0.41	9803	21 90–20	0.39	9883	20 90–20	0.44	9963	20 89–20	0.31	10043	22 85–20	0.29
9644	21 94–20	0.35	9724	20 78–19	0.45	9804	20 84–19	0.32	9884	19 74–19	0.43	9964	21 82–20	0.40	10044	21 85–20	0.34
9645	23 89–20	0.39	9725	21 81–20	0.40	9805	20 72–20	0.29	9885	22 85–20	0.38	9965	21 88–19	0.40	10045	23 69–20	0.39
9646	22 92–19	0.42	9726	23 77–20	0.47	9806	22 92–20	0.34	9886	19 79–19	0.47	9966	18 92–19	0.46	10046	23 54–20	0.38
9647	18 88–20	0.41	9727	28 49–20	0.38	9807	20 88–19	0.52	9887	21 89–20	0.44	9967	23 42–20	0.31	10047	20 86–20	0.38
9648	19 78–20	0.41	9728	23 54–20	0.38	9808	21 78–20	0.39	9888	22 82–20	0.36	9968	22 77–20	0.31	10048	21 86–20	0.32
9649	19 78–20	0.39	9729	21 81–20	0.33	9809	19 60–19	0.35	9889	25 53–20	0.34	9969	13 92–20	0.46	10049	23 54–20	0.34
9650	21 84–20	0.39	9730	22 82–20	0.40	9810	22 54–20	0.38	9890	20 79–20	0.40	9970	24 55–19	0.44	10050	22 87–20	0.36
9651	19 90–20	0.37	9731	21 82–19	0.37	9811	21 81–20	0.44	9891	20 78–20	0.30	9971	20 91–19	0.39	10051	20 87–20	0.42
9652	21 86–19	0.32	9732	19 84–20	0.38	9812	19 81–20	0.36	9892	21 76–20	0.33	9972	23 58–20	0.37	10052	21 80–20	0.32
9653	20 91–19	0.33	9733	20 72–20	0.42	9813	20 81–20	0.37	9893	21 81–20	0.41	9973	21 49–20	0.35	10053	21 76–20	0.36
9654	18 73–19	0.44	9734	20 86–20	0.38	9814	18 60–20	0.40	9894	19 90–19	0.41	9974	20 77–19	0.43	10054	20 43–20	0.36
9655	24 78–19	0.41	9735	23 80–20	0.36	9815	23 53–20	0.42	9895	20 77–20	0.36	9975	21 78–20	0.41	10055	22 87–20	0.38
9656	19 85–19	0.42	9736	24 81–19	0.40	9816	22 53–20	0.36	9896	21 81–20	0.36	9976	25 71–19	0.38	10056	21 74–20	0.38
9657	22 81–19	0.41	9737	23 82–20	0.34	9817	22 60–19	0.49	9897	22 91–20	0.42	9977	21 94–20	0.37	10057	19 88–20	0.41
9658	19 76–19	0.47	9738	20 80–20	0.36	9818	26 54–19	0.42	9898	21 89–19	0.36	9978	20 89–20	0.35	10058	22 88–20	0.38
9659	22 49–20	0.25	9739	17 87–19	0.52	9819	19 71–20	0.36	9899	21 82–20	0.30	9979	18 81–19	0.43	10059	20 88–20	0.41
9660	23 79–19	0.40	9740	19 69–19	0.39	9820	20 71–20	0.40	9900	23 56–19	0.36	9980	20 89–20	0.35	10060	19 88–19	0.48
9661	23 82–20	0.40	9741	20 73–20	0.35	9821	18 71–19	0.44	9901	20 83–20	0.36	9981	20 77–20	0.41	10061	23 55–19	0.42
9662	22 92–20	0.44	9742	23 87–19	0.43	9822	23 71–20	0.41	9902	21 88–20	0.38	9982	19 86–19	0.41	10062	21 88–20	0.41
9663	20 87–20	0.39	9743	21 88–19	0.39	9823	18 54–19	0.43	9903	20 76–20	0.32	9983	20 87–19	0.40	10063	24 81–19	0.41
9664	23 81–20	0.38	9744	22 84–20	0.35	9824	23 73–20	0.40	9904	21 89–19	0.45	9984	23 82–20	0.38	10064	21 88–20	0.33
9665	22 87–20	0.40	9745	21 88–20	0.41	9825	20 77–20	0.35	9905	17 60–19	0.45	9985	20 82–20	0.36	10065	25 53–20	0.38
9666	21 85–20	0.39	9746	20 88–20	0.42	9826	21 77–20	0.32	9906	19 60–20	0.42	9986	20 91–20	0.30	10066	19 52–20	0.36
9667	21 90–20	0.35	9747	21 89–20	0.34	9827	23 58–19	0.42	9907	25 60–19	0.43	9987	18 89–20	0.41	10067	21 86–20	0.43
9668	23 79–20	0.41	9748	20 87–20	0.41	9828	22 73–19	0.50	9908	22 71–20	0.38	9988	23 77–20	0.38	10068	20 83–19	0.39
9669	23 81–20	0.43	9749	22 89–20	0.41	9829	23 73–19	0.38	9909	21 69–20	0.39	9989	22 85–19	0.39	10069	21 89–20	0.27
9670	23 86–20	0.33	9750	21 76–20	0.51	9830	22 51–20	0.40	9910	23 71–20	0.43	9990	21 78–20	0.43	10070	22 55–20	0.36
9671	21 59–19	0.35	9751	21 90–20	0.38	9831	22 79–20	0.41	9911	22 73–20	0.41	9991	21 77–19	0.42	10071	19 80–20	0.42
9672	20 85–19	0.38	9752	20 90–19	0.41	9832	21 79–20	0.49	9912	24 77–20	0.37	9992	20 74–19	0.42	10072	19 89–20	0.38
9673	24 77–20	0.39	9753	21 78–20	0.40	9833	19 53–20	0.40	9913	23 77–20	0.38	9993	22 80–20	0.37	10073	21 76–20	0.43
9674	20 80–20	0.37	9754	20 90–19	0.43	9834	21 82–20	0.33	9914	20 76–19	0.43	9994	21 60–20	0.37	10074	22 51–20	0.36
9675	24 81–20	0.41	9755	21 75–20	0.34	9835	19 84–19	0.48	9915	26 77–20	0.41	9995	23 50–19	0.43	10075	20 89–20	0.40
9676	26 54–19	0.40	9756	22 88–19	0.47	9836	20 64–20	0.35	9916	23 73–20	0.36	9996	22 60–20	0.40	10076	19 89–20	0.34
9677	23 60–19	0.44	9757	23 91–20	0.38	9837	25 78–19	0.39	9917	20 79–19	0.39	9997	22 69–20	0.42	10077	22 71–20	0.39
9678	17 60–20	0.26	9758	24 77–19	0.39	9838	21 87–20	0.38	9918	22 55–20	0.38	9998	18 53–19	0.59	10078	21 89–20	0.49
9679	20 60–20	0.38	9759	25 80–19	0.39	9839	24 78–20	0.38	9919	18 79–19	0.44	9999	21 73–20	0.40	10079	19 82–20	0.34
9680	19 53–20	0.37	9760	19 91–20	0.35	9840	25 54–20	0.35	9920	25 51–19	0.47	10000	24 51–20	0.41	10080	22 90–20	0.34

№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms
		″			″			″			″			″			″
10081	21 86–19	0.39	10161	19 92–20	0.43	10241	21 81–20	0.40	10321	19 90–20	0.39	10401	20 88–20	0.39	10481	22 82–20	0.36
10082	20 71–20	0.40	10162	20 93–19	0.44	10242	20 60–19	0.43	10322	21 79–20	0.34	10402	20 80–20	0.41	10482	21 79–20	0.36
10083	18 80–20	0.43	10163	19 92–19	0.37	10243	18 60–19	0.42	10323	22 90–20	0.41	10403	20 82–20	0.36	10483	21 83–20	0.42
10084	20 80–19	0.37	10164	20 89–20	0.26	10244	19 60–19	0.49	10324	18 90–19	0.44	10404	20 91–20	0.39	10484	20 54–20	0.33
10085	20 71–20	0.36	10165	13 91–18	0.47	10245	23 54–20	0.35	10325	21 77–20	0.38	10405	23 78–19	0.38	10485	23 55–20	0.43
10086	21 86–20	0.41	10166	21 91–20	0.37	10246	22 60–20	0.38	10326	22 75–20	0.44	10406	20 74–20	0.36	10486	21 78–20	0.37
10087	21 83–20	0.38	10167	20 80–19	0.43	10247	25 60–20	0.46	10327	19 90–20	0.39	10407	22 83–20	0.36	10487	19 85–20	0.29
10088	20 81–20	0.35	10168	20 84–19	0.42	10248	22 60–20	0.44	10328	20 91–19	0.49	10408	20 91–20	0.36	10488	22 70–20	0.38
10089	19 79–20	0.42	10169	21 90–20	0.40	10249	20 60–20	0.37	10329	20 89–20	0.32	10409	21 90–20	0.38	10489	23 75–20	0.36
10090	22 50–20	0.34	10170	21 91–20	0.41	10250	20 71–20	0.38	10330	21 89–20	0.43	10410	21 78–20	0.34	10490	21 85–20	0.30
10091	19 90–20	0.38	10171	21 78–20	0.29	10251	20 71–20	0.36	10331	24 77–20	0.34	10411	19 83–20	0.36	10491	20 86–20	0.40
10092	23 49–19	0.45	10172	19 83–19	0.40	10252	21 71–20	0.39	10332	21 50–20	0.36	10412	21 77–20	0.35	10492	22 86–20	0.30
10093	20 90–20	0.43	10173	20 95–20	0.39	10253	19 73–20	0.41	10333	22 91–20	0.40	10413	20 54–20	0.34	10493	19 86–20	0.42
10094	22 72–20	0.30	10174	21 60–19	0.46	10254	22 73–20	0.43	10334	19 91–19	0.44	10414	22 76–20	0.39	10494	20 53–20	0.49
10095	22 89–20	0.35	10175	20 80–20	0.40	10255	22 50–20	0.42	10335	20 90–20	0.37	10415	25 62–20	0.28	10495	23 86–20	0.37
10096	21 33–20	0.34	10176	20 77–20	0.39	10256	20 77–20	0.43	10336	21 86–20	0.31	10416	19 76–20	0.29	10496	19 86–20	0.34
10097	20 54–20	0.41	10177	20 62–20	0.37	10257	23 77–20	0.44	10337	22 49–20	0.35	10417	23 78–19	0.43	10497	23 65–20	0.37
10098	21 81–20	0.38	10178	18 91–19	0.40	10258	23 40–20	0.30	10338	23 75–20	0.33	10418	19 53–20	0.33	10498	21 79–20	0.43
10099	20 79–19	0.44	10179	22 88–20	0.33	10259	21 72–20	0.38	10339	21 91–20	0.40	10419	23 57–20	0.28	10499	18 55–20	0.43
10100	19 83–19	0.40	10180	21 80–20	0.38	10260	20 72–20	0.35	10340	25 55–20	0.37	10420	21 78–20	0.37	10500	20 34–20	0.33
10101	23 77–20	0.41	10181	16 93–19	0.41	10261	20 74–20	0.34	10341	24 77–20	0.42	10421	22 52–19	0.38	10501	21 77–20	0.40
10102	19 81–19	0.47	10182	19 78–20	0.38	10262	21 54–20	0.31	10342	25 50–20	0.38	10422	23 53–19	0.28	10502	21 80–20	0.36
10103	19 86–19	0.41	10183	20 82–20	0.43	10263	22 65–20	0.35	10343	23 90–20	0.43	10423	19 82–20	0.41	10503	19 54–19	0.37
10104	18 92–20	0.39	10184	19 92–20	0.44	10264	24 71–20	0.39	10344	24 51–20	0.44	10424	20 88–20	0.42	10504	22 78–20	0.33
10105	26 51–20	0.41	10185	23 76–20	0.37	10265	21 78–20	0.41	10345	19 80–20	0.39	10425	22 91–20	0.46	10505	21 88–20	0.35
10106	16 92–20	0.42	10186	20 92–19	0.35	10266	21 64–19	0.47	10346	20 75–20	0.40	10426	23 49–20	0.26	10506	22 55–20	0.38
10107	21 81–20	0.34	10187	21 70–20	0.28	10267	22 49–19	0.41	10347	23 59–20	0.36	10427	22 60–20	0.40	10507	22 75–20	0.35
10108	22 81–20	0.36	10188	19 89–20	0.36	10268	22 79–20	0.38	10348	21 79–20	0.35	10428	17 60–20	0.35	10508	19 88–19	0.44
10109	21 87–20	0.31	10189	21 82–20	0.38	10269	26 55–20	0.38	10349	21 88–20	0.36	10429	20 60–20	0.33	10509	21 71–20	0.34
10110	23 76–19	0.42	10190	19 78–19	0.41	10270	18 80–19	0.44	10350	27 54–20	0.32	10430	22 60–20	0.38	10510	19 79–19	0.42
10111	21 70–20	0.29	10191	21 78–20	0.35	10271	20 80–20	0.40	10351	19 92–20	0.43	10431	19 60–20	0.42	10511	22 76–20	0.37
10112	21 82–20	0.31	10192	20 91–20	0.38	10272	17 81–19	0.44	10352	22 84–20	0.43	10432	19 60–19	0.39	10512	21 78–20	0.41
10113	22 54–20	0.27	10193	23 80–20	0.41	10273	21 79–20	0.44	10353	23 86–20	0.38	10433	19 60–19	0.47	10513	22 60–20	0.30
10114	21 78–20	0.34	10194	21 86–20	0.40	10274	18 81–20	0.39	10354	18 73–20	0.38	10434	19 60–19	0.39	10514	22 80–20	0.38
10115	17 53–20	0.45	10195	22 86–20	0.48	10275	21 60–20	0.41	10355	19 91–20	0.39	10435	20 60–19	0.40	10515	20 89–20	0.38
10116	22 90–20	0.34	10196	21 71–20	0.43	10276	25 64–20	0.42	10356	19 93–19	0.42	10436	20 60–20	0.40	10516	21 74–20	0.38
10117	23 90–20	0.33	10197	21 91–19	0.40	10277	20 81–20	0.44	10357	21 82–20	0.31	10437	22 60–20	0.40	10517	23 50–20	0.34
10118	22 54–19	0.58	10198	22 86–20	0.41	10278	19 81–20	0.41	10358	20 88–20	0.39	10438	20 54–19	0.40	10518	21 89–19	0.37
10119	21 92–20	0.36	10199	24 88–20	0.38	10279	23 77–20	0.42	10359	20 88–19	0.36	10439	21 60–20	0.43	10519	19 90–19	0.39
10120	22 82–19	0.41	10200	21 91–19	0.45	10280	20 77–20	0.34	10360	20 89–20	0.38	10440	19 60–19	0.45	10520	20 90–20	0.40
10121	22 71–20	0.43	10201	21 77–19	0.46	10281	19 81–20	0.38	10361	19 94–20	0.36	10441	22 60–20	0.33	10521	20 90–20	0.40
10122	20 93–19	0.41	10202	19 90–20	0.36	10282	21 81–20	0.42	10362	19 82–20	0.43	10442	22 71–20	0.38	10522	21 51–20	0.45
10123	21 77–20	0.37	10203	19 91–20	0.38	10283	21 80–20	0.36	10363	22 57–20	0.43	10443	21 55–20	0.40	10523	23 83–20	0.36
10124	23 77–20	0.37	10204	20 90–19	0.44	10284	21 81–20	0.39	10364	18 92–19	0.38	10444	21 73–20	0.43	10524	17 90–19	0.34
10125	19 81–19	0.41	10205	20 64–20	0.42	10285	20 82–20	0.39	10365	19 82–20	0.40	10445	19 73–19	0.46	10525	19 90–20	0.41
10126	20 81–19	0.40	10206	20 89–20	0.38	10286	21 71–20	0.38	10366	22 82–20	0.41	10446	20 77–19	0.39	10526	22 51–20	0.40
10127	19 88–19	0.44	10207	20 80–20	0.38	10287	20 81–19	0.42	10367	19 90–20	0.39	10447	22 77–19	0.47	10527	19 77–20	0.35
10128	22 53–20	0.37	10208	19 87–20	0.38	10288	21 51–20	0.37	10368	18 89–20	0.33	10448	28 54–19	0.45	10528	24 82–20	0.36
10129	18 88–19	0.43	10209	21 29–19	0.41	10289	23 78–20	0.40	10369	19 89–20	0.32	10449	24 36–20	0.39	10529	21 90–20	0.41
10130	19 91–19	0.39	10210	19 89–19	0.42	10290	21 77–20	0.40	10370	8 95–10	0.59	10450	19 67–20	0.39	10530	20 55–19	0.41
10131	20 87–20	0.46	10211	20 77–19	0.42	10291	21 75–20	0.41	10371	17 95–20	0.47	10451	20 75–20	0.33	10531	18 89–19	0.41
10132	20 81–20	0.38	10212	19 77–19	0.39	10292	20 86–20	0.35	10372	22 80–20	0.33	10452	21 52–20	0.37	10532	23 77–20	0.35
10133	19 87–20	0.34	10213	19 78–19	0.41	10293	27 52–20	0.30	10373	18 80–19	0.41	10453	22 77–20	0.39	10533	21 82–20	0.43
10134	21 67–19	0.37	10214	19 79–19	0.42	10294	19 88–20	0.35	10374	21 80–19	0.36	10454	20 78–20	0.35	10534	21 86–20	0.43
10135	21 79–20	0.41	10215	22 82–20	0.39	10295	13 88–20	0.49	10375	16 92–19	0.42	10455	22 49–20	0.41	10535	20 87–20	0.36
10136	22 69–20	0.35	10216	20 92–19	0.45	10296	20 88–19	0.42	10376	21 49–20	0.34	10456	20 78–20	0.39	10536	21 91–19	0.44
10137	20 91–20	0.48	10217	21 53–20	0.27	10297	20 71–20	0.40	10377	20 91–19	0.39	10457	22 78–20	0.38	10537	24 55–19	0.55
10138	20 93–20	0.36	10218	20 88–20	0.42	10298	22 88–20	0.41	10378	22 86–20	0.38	10458	21 78–20	0.43	10538	18 89–20	0.39
10139	21 74–20	0.43	10219	21 90–20	0.37	10299	22 79–20	0.37	10379	22 94–20	0.41	10459	19 78–20	0.38	10539	21 91–20	0.43
10140	21 73–20	0.39	10220	23 53–19	0.39	10300	21 87–19	0.38	10380	21 49–19	0.46	10460	22 78–19	0.47	10540	20 80–20	0.35
10141	22 75–20	0.30	10221	19 82–19	0.39	10301	20 89–19	0.41	10381	22 84–20	0.46	10461	23 54–20	0.43	10541	20 84–20	0.36
10142	22 61–20	0.31	10222	22 79–19	0.39	10302	11 89–19	0.42	10382	19 85–20	0.36	10462	18 79–19	0.45	10542	19 69–19	0.38
10143	21 94–20	0.27	10223	24 78–20	0.38	10303	22 78–20	0.40	10383	22 56–20	0.39	10463	20 79–20	0.37	10543	19 80–20	0.40
10144	23 77–20	0.38	10224	21 82–19	0.38	10304	19 89–20	0.36	10384	22 82–20	0.41	10464	20 79–20	0.37	10544	18 89–19	0.67
10145	15 94–20	0.57	10225	22 78–20	0.40	10305	20 82–20	0.38	10385	21 60–20	0.30	10465	23 74–20	0.31	10545	18 77–20	0.39
10146	20 92–20	0.42	10226	22 50–19	0.44	10306	24 64–20	0.40	10386	19 90–20	0.34	10466	21 79–20	0.39	10546	19 89–19	0.34
10147	20 92–19	0.38	10227	22 75–20	0.30	10307	17 90–20	0.42	10387	18 90–20	0.37	10467	23 77–20	0.39	10547	23 57–20	0.39
10148	23 82–20	0.37	10228	21 86–20	0.34	10308	17 90–20	0.42	10388	23 79–20	0.32	10468	19 79–20	0.45	10548	21 88–20	0.36
10149	18 94–19	0.45	10229	20 75–20	0.38	10309	19 90–20	0.40	10389	20 73–20	0.38	10469	21 78–20	0.47	10549	18 88–20	0.37
10150	15 94–20	0.36	10230	23 84–20	0.46	10310	19 76–20	0.39	10390	18 85–20	0.37	10470	18 81–20	0.39	10550	22 89–20	0.34
10151	23 72–20	0.34	10231	21 94–20	0.39	10311	21 76–20	0.41	10391	20 70–20	0.34	10471	21 77–20	0.46	10551	22 31–20	0.27
10152	20 87–19	0.41	10232	22 85–20	0.40	10312	20 77–19	0.39	10392	21 74–20	0.37	10472	20 81–20	0.44	10552	18 93–20	0.35
10153	19 90–20	0.41	10233	22 91–20	0.33	10313	20 73–20	0.40	10393	20 94–20	0.35	10473	25 78–20	0.39	10553	20 93–20	0.38
10154	21 55–20	0.43	10234	23 54–20	0.32	10314	22 90–20	0.32	10394	20 77–20	0.36	10474	20 79–20	0.42	10554	22 93–20	0.39
10155	20 83–20	0.41	10235	24 71–19	0.38	10315	19 90–20	0.38	10395	19 91–19	0.45	10475	22 81–20	0.40	10555	20 90–20	0.35
10156	21 80–20	0.37	10236	22 51–20	0.34	10316	21 79–20	0.35	10396	20 77–20	0.36	10476	19 78–20	0.32	10556	19 93–19	0.40
10157	19 87–20	0.41	10237	21 77–20	0.42	10317	20 90–20	0.39	10397	21 75–20	0.37	10477	20 81–20	0.43	10557	21 79–20	0.40
10158	22 82–20	0.41	10238	20 79–20	0.37	10318	21 65–20	0.38	10398	20 81–20	0.34	10478	26 50–20	0.31	10558	20 92–20	0.39
10159	20 93–20	0.38	10239	23 81–20	0.35	10319	20 90–20	0.39	10399	19 78–20	0.34	10479	23 49–20	0.35	10559	21 76–20	0.45
10160	19 86–20	0.41	10240	21 89–20	0.39	10320	21 69–20	0.41	10400	20 65–20	0.30	10480	17 82–19	0.40	10560	22 75–20	0.36

№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms
		″			″			″			″			″			″
10561	23 61–20	0.42	10641	21 69–19	0.37	10721	20 86–20	0.36	10801	20 80–19	0.43	10881	20 92–20	0.38	10961	20 60–19	0.45
10562	21 54–20	0.30	10642	23 78–20	0.39	10722	19 61–20	0.38	10802	19 80–20	0.39	10882	21 91–20	0.36	10962	19 60–20	0.33
10563	26 91–19	0.63	10643	20 91–20	0.35	10723	19 84–20	0.36	10803	20 77–20	0.40	10883	21 90–20	0.38	10963	22 71–20	0.46
10564	20 93–20	0.31	10644	22 63–20	0.31	10724	21 86–20	0.33	10804	20 78–20	0.40	10884	20 92–20	0.42	10964	20 71–20	0.42
10565	21 33–20	0.39	10645	20 62–20	0.29	10725	20 86–20	0.37	10805	21 89–20	0.35	10885	26 51–20	0.35	10965	21 71–20	0.37
10566	20 91–20	0.32	10646	19 60–20	0.37	10726	20 82–20	0.43	10806	21 87–20	0.38	10886	23 89–20	0.37	10966	25 71–20	0.43
10567	18 76–20	0.42	10647	25 60–20	0.39	10727	22 87–20	0.37	10807	23 81–20	0.40	10887	18 81–19	0.46	10967	23 71–20	0.38
10568	18 92–20	0.31	10648	21 60–20	0.35	10728	21 81–20	0.38	10808	23 77–20	0.36	10888	21 82–20	0.38	10968	23 71–20	0.48
10569	22 51–20	0.36	10649	20 60–20	0.44	10729	20 87–20	0.37	10809	21 92–20	0.37	10889	23 86–20	0.35	10969	22 71–19	0.44
10570	21 83–20	0.40	10650	18 60–19	0.41	10730	22 55–20	0.35	10810	22 80–20	0.45	10890	23 84–20	0.37	10970	23 51–20	0.37
10571	19 88–20	0.45	10651	19 60–20	0.42	10731	22 59–20	0.32	10811	24 82–20	0.40	10891	17 76–20	0.45	10971	20 73–20	0.39
10572	18 78–19	0.39	10652	20 60–20	0.38	10732	20 88–20	0.38	10812	21 93–20	0.43	10892	18 75–19	0.43	10972	23 73–20	0.38
10573	20 94–20	0.46	10653	24 60–20	0.39	10733	22 88–20	0.43	10813	21 93–20	0.36	10893	19 78–19	0.45	10973	18 73–19	0.43
10574	18 94–19	0.44	10654	21 60–20	0.37	10734	23 80–20	0.40	10814	21 89–20	0.34	10894	22 81–20	0.36	10974	22 73–20	0.44
10575	21 92–20	0.33	10655	21 60–20	0.41	10735	19 79–20	0.36	10815	22 92–20	0.45	10895	21 53–20	0.34	10975	22 73–20	0.44
10576	20 85–19	0.39	10656	22 53–20	0.37	10736	21 80–19	0.43	10816	23 89–20	0.44	10896	18 81–20	0.44	10976	20 73–20	0.41
10577	20 95–20	0.44	10657	18 71–19	0.47	10737	17 88–20	0.39	10817	22 79–20	0.34	10897	21 78–20	0.40	10977	19 73–19	0.42
10578	20 95–20	0.45	10658	21 71–20	0.44	10738	20 88–20	0.39	10818	22 79–20	0.38	10898	18 71–20	0.40	10978	20 73–20	0.42
10579	23 78–20	0.33	10659	21 71–20	0.41	10739	17 88–20	0.44	10819	22 93–20	0.46	10899	18 86–20	0.40	10979	18 73–20	0.44
10580	21 94–20	0.39	10660	21 71–20	0.42	10740	19 88–20	0.40	10820	19 75–20	0.38	10900	17 91–20	0.43	10980	19 51–19	0.44
10581	21 95–20	0.44	10661	17 73–19	0.47	10741	17 88–20	0.38	10821	19 93–20	0.39	10901	17 90–19	0.38	10981	19 77–20	0.36
10582	21 90–20	0.36	10662	22 73–20	0.44	10742	23 84–20	0.43	10822	22 73–20	0.37	10902	18 42–20	0.34	10982	20 77–20	0.40
10583	23 73–20	0.33	10663	19 73–20	0.44	10743	22 88–20	0.39	10823	19 93–20	0.39	10903	20 76–20	0.34	10983	21 77–20	0.42
10584	18 92–20	0.33	10664	26 54–20	0.42	10744	22 81–20	0.37	10824	18 73–19	0.41	10904	19 80–20	0.39	10984	18 77–20	0.46
10585	18 90–19	0.39	10665	22 77–20	0.37	10745	22 50–19	0.38	10825	19 82–19	0.38	10905	20 80–20	0.39	10985	21 77–20	0.38
10586	20 75–20	0.37	10666	20 64–19	0.38	10746	21 77–20	0.35	10826	21 81–20	0.32	10906	21 91–20	0.36	10986	23 77–20	0.39
10587	21 75–20	0.36	10667	17 75–20	0.31	10747	18 83–20	0.38	10827	19 80–20	0.41	10907	19 91–19	0.41	10987	18 67–20	0.33
10588	19 95–20	0.37	10668	22 76–20	0.37	10748	20 89–20	0.36	10828	20 80–20	0.36	10908	22 58–20	0.45	10988	20 68–19	0.39
10589	20 94–20	0.34	10669	20 77–20	0.37	10749	18 83–19	0.43	10829	18 69–19	0.38	10909	19 59–20	0.28	10989	23 73–20	0.42
10590	20 85–20	0.35	10670	20 77–20	0.38	10750	22 86–20	0.39	10830	21 82–20	0.35	10910	20 82–19	0.39	10990	20 73–20	0.41
10591	20 95–20	0.43	10671	24 54–20	0.38	10751	23 78–20	0.42	10831	17 76–20	0.43	10911	20 71–20	0.40	10991	25 49–20	0.42
10592	20 92–20	0.40	10672	23 78–20	0.27	10752	23 54–19	0.50	10832	20 82–20	0.40	10912	20 85–20	0.40	10992	21 74–20	0.47
10593	21 91–20	0.40	10673	18 78–20	0.38	10753	22 55–19	0.44	10833	20 76–19	0.42	10913	21 86–20	0.35	10993	20 75–20	0.39
10594	22 75–20	0.34	10674	22 77–20	0.38	10754	19 87–20	0.42	10834	22 86–20	0.40	10914	20 93–20	0.41	10994	22 78–19	0.38
10595	23 81–20	0.42	10675	22 78–20	0.40	10755	20 90–19	0.43	10835	22 54–19	0.35	10915	22 88–20	0.40	10995	22 78–19	0.37
10596	20 82–19	0.43	10676	23 54–20	0.39	10756	22 80–19	0.42	10836	20 54–20	0.31	10916	20 76–19	0.41	10996	21 78–20	0.39
10597	21 81–20	0.32	10677	22 54–20	0.39	10757	19 90–20	0.37	10837	22 87–20	0.27	10917	22 86–20	0.36	10997	20 78–20	0.39
10598	20 92–20	0.34	10678	18 79–19	0.43	10758	17 90–19	0.45	10838	21 90–20	0.35	10918	19 93–20	0.43	10998	21 78–20	0.38
10599	21 75–20	0.37	10679	19 79–19	0.44	10759	28 54–20	0.39	10839	22 52–20	0.43	10919	20 95–20	0.40	10999	22 78–20	0.42
10600	22 75–20	0.41	10680	20 78–19	0.43	10760	20 54–19	0.39	10840	21 91–20	0.29	10920	24 79–20	0.36	11000	19 78–20	0.38
10601	23 74–20	0.39	10681	20 79–20	0.39	10761	21 81–20	0.39	10841	17 89–20	0.36	10921	16 53–19	0.37	11001	21 49–19	0.38
10602	22 61–20	0.33	10682	18 80–20	0.45	10762	21 90–20	0.42	10842	18 81–19	0.46	10922	20 82–20	0.35	11002	22 79–20	0.33
10603	20 82–19	0.43	10683	23 54–20	0.39	10763	22 90–20	0.38	10843	19 78–20	0.41	10923	22 71–20	0.35	11003	22 78–20	0.40
10604	19 92–20	0.37	10684	21 80–19	0.42	10764	25 50–20	0.35	10844	17 84–19	0.39	10924	21 77–20	0.40	11004	23 76–20	0.29
10605	21 91–20	0.41	10685	20 80–20	0.41	10765	22 78–20	0.31	10845	17 93–19	0.40	10925	21 79–20	0.40	11005	18 80–20	0.33
10606	22 84–20	0.40	10686	25 54–20	0.33	10766	20 76–20	0.32	10846	21 78–20	0.37	10926	20 64–20	0.37	11006	19 80–20	0.36
10607	20 90–20	0.35	10687	19 80–19	0.43	10767	18 90–19	0.41	10847	20 76–20	0.39	10927	22 81–20	0.46	11007	19 53–19	0.43
10608	24 90–20	0.37	10688	21 81–20	0.37	10768	18 90–19	0.41	10848	21 51–20	0.39	10928	19 80–20	0.37	11008	21 54–20	0.42
10609	21 94–20	0.37	10689	21 78–20	0.38	10769	22 90–20	0.37	10849	20 80–19	0.34	10929	24 78–20	0.40	11009	21 81–20	0.43
10610	22 87–20	0.35	10690	21 81–20	0.41	10770	22 84–20	0.42	10850	17 95–19	0.45	10930	21 93–20	0.37	11010	19 53–20	0.48
10611	22 73–20	0.26	10691	20 78–20	0.37	10771	22 79–20	0.42	10851	20 88–20	0.42	10931	20 87–20	0.38	11011	21 77–20	0.37
10612	24 79–20	0.39	10692	21 81–20	0.42	10772	21 90–20	0.27	10852	19 93–20	0.39	10932	20 81–20	0.34	11012	22 82–20	0.42
10613	20 86–20	0.40	10693	24 77–20	0.41	10773	21 90–20	0.41	10853	19 93–20	0.37	10933	21 83–20	0.31	11013	24 82–20	0.41
10614	18 55–20	0.35	10694	22 81–20	0.43	10774	20 54–20	0.37	10854	19 80–20	0.39	10934	21 89–20	0.38	11014	20 82–20	0.34
10615	21 64–20	0.35	10695	23 81–20	0.42	10775	19 91–20	0.46	10855	19 93–20	0.34	10935	21 77–20	0.33	11015	21 82–20	0.42
10616	21 91–20	0.40	10696	23 50–20	0.41	10776	18 91–19	0.43	10856	23 54–20	0.41	10936	20 66–20	0.28	11016	22 77–20	0.39
10617	22 53–19	0.62	10697	22 78–20	0.40	10777	19 89–20	0.40	10857	22 84–20	0.42	10937	25 64–20	0.36	11017	22 74–20	0.26
10618	18 86–20	0.38	10698	20 81–20	0.39	10778	21 81–20	0.43	10858	20 91–20	0.37	10938	25 58–20	0.29	11018	20 38–20	0.39
10619	18 77–20	0.37	10699	20 81–20	0.41	10779	22 54–20	0.45	10859	22 82–20	0.38	10939	22 77–19	0.37	11019	20 80–20	0.40
10620	20 81–20	0.39	10700	19 81–20	0.44	10780	20 91–20	0.42	10860	9 95–17	0.52	10940	25 51–20	0.39	11020	25 79–20	0.34
10621	20 89–20	0.38	10701	19 81–20	0.45	10781	22 86–20	0.39	10861	22 71–20	0.39	10941	21 80–19	0.40	11021	22 86–20	0.28
10622	16 90–19	0.45	10702	19 81–20	0.34	10782	17 81–19	0.42	10862	21 90–20	0.40	10942	18 60–20	0.36	11022	21 69–20	0.37
10623	24 71–20	0.37	10703	20 81–20	0.42	10783	21 91–19	0.43	10863	21 95–19	0.41	10943	21 78–20	0.40	11023	21 86–20	0.40
10624	21 90–20	0.37	10704	23 55–20	0.44	10784	22 90–20	0.37	10864	22 84–20	0.29	10944	24 26–20	0.38	11024	21 54–20	0.39
10625	22 79–20	0.37	10705	21 81–20	0.39	10785	22 53–19	0.52	10865	21 77–20	0.35	10945	21 88–20	0.32	11025	20 82–20	0.43
10626	20 82–19	0.41	10706	23 50–20	0.38	10786	20 50–19	0.42	10866	20 78–20	0.43	10946	19 91–19	0.36	11026	21 73–20	0.38
10627	21 77–20	0.35	10707	20 77–20	0.33	10787	22 53–20	0.39	10867	21 90–20	0.39	10947	20 60–20	0.39	11027	23 53–20	0.38
10628	22 89–20	0.40	10708	23 81–20	0.37	10788	22 90–19	0.48	10868	19 84–20	0.39	10948	19 60–20	0.38	11028	20 79–20	0.42
10629	20 91–20	0.39	10709	21 82–20	0.35	10789	20 76–19	0.41	10869	20 76–19	0.39	10949	20 54–20	0.36	11029	21 88–20	0.37
10630	21 77–19	0.41	10710	24 76–20	0.39	10790	23 90–20	0.33	10870	19 81–20	0.40	10950	22 60–20	0.36	11030	20 88–20	0.42
10631	22 81–20	0.33	10711	20 55–20	0.32	10791	21 90–20	0.35	10871	20 91–20	0.35	10951	22 60–20	0.39	11031	19 88–20	0.40
10632	20 89–20	0.33	10712	19 82–20	0.38	10792	23 89–20	0.34	10872	19 92–19	0.42	10952	22 60–19	0.40	11032	21 88–20	0.42
10633	19 92–19	0.41	10713	22 82–20	0.33	10793	22 88–20	0.33	10873	19 92–20	0.43	10953	18 60–19	0.52	11033	20 88–19	0.42
10634	21 91–20	0.37	10714	21 79–20	0.41	10794	23 77–20	0.40	10874	22 78–20	0.42	10954	21 60–19	0.39	11034	19 88–20	0.34
10635	21 82–19	0.41	10715	21 81–20	0.36	10795	21 87–20	0.33	10875	21 73–20	0.44	10955	20 60–20	0.43	11035	20 88–20	0.36
10636	12 55–20	0.32	10716	21 83–20	0.35	10796	18 87–19	0.41	10876	20 91–19	0.43	10956	18 60–20	0.47	11036	19 89–19	0.48
10637	21 76–20	0.48	10717	19 83–20	0.42	10797	18 92–20	0.39	10877	20 87–20	0.34	10957	23 50–20	0.41	11037	22 77–19	0.46
10638	23 85–20	0.41	10718	22 78–20	0.42	10798	19 82–20	0.39	10878	19 92–19	0.34	10958	18 60–19	0.43	11038	19 89–20	0.42
10639	19 77–19	0.38	10719	24 85–20	0.43	10799	20 89–20	0.44	10879	21 81–20	0.40	10959	21 60–20	0.39	11039	23 86–19	0.47
10640	23 69–20	0.35	10720	22 82–20	0.37	10800	23 60–20	0.38	10880	21 94–20	0.41	10960	19 60–19	0.38	11040	18 89–20	0.44

№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms
		″			″			″			″			″			″
11041	19 89–20	0.42	11121	18 60–20	0.37	11201	19 77–19	0.42	11281	18 89–19	0.44	11361	21 83–20	0.38	11441	22 75–19	0.38
11042	19 89–20	0.43	11122	20 91–20	0.39	11202	23 51–20	0.36	11282	21 85–20	0.36	11362	21 87–20	0.39	11442	17 76–20	0.36
11043	21 77–20	0.39	11123	22 90–20	0.39	11203	20 71–20	0.39	11283	20 77–19	0.45	11363	19 77–20	0.37	11443	20 77–19	0.39
11044	19 90–20	0.34	11124	19 71–19	0.41	11204	24 37–20	0.39	11284	12 50–20	0.43	11364	20 91–19	0.41	11444	22 78–19	0.44
11045	21 90–20	0.35	11125	19 71–19	0.43	11205	19 79–20	0.36	11285	21 90–20	0.37	11365	19 88–20	0.35	11445	20 75–20	0.39
11046	21 53–20	0.40	11126	20 94–20	0.40	11206	17 56–20	0.38	11286	20 90–19	0.42	11366	20 51–20	0.36	11446	25 78–20	0.45
11047	21 90–20	0.38	11127	19 74–20	0.38	11207	19 90–20	0.33	11287	22 90–20	0.35	11367	23 56–19	0.41	11447	20 78–20	0.40
11048	22 81–20	0.38	11128	20 88–20	0.42	11208	24 60–20	0.35	11288	20 90–19	0.38	11368	22 85–20	0.32	11448	19 78–19	0.43
11049	19 90–20	0.37	11129	18 82–19	0.31	11209	22 90–20	0.33	11289	21 76–20	0.40	11369	17 93–19	0.45	11449	24 54–20	0.39
11050	25 54–20	0.42	11130	19 81–20	0.37	11210	22 76–20	0.38	11290	22 75–19	0.58	11370	20 71–19	0.38	11450	19 79–19	0.42
11051	22 79–20	0.42	11131	20 62–19	0.39	11211	23 62–20	0.35	11291	20 91–20	0.37	11371	20 80–20	0.36	11451	22 79–20	0.43
11052	21 82–20	0.36	11132	21 93–20	0.34	11212	19 76–20	0.41	11292	23 85–20	0.39	11372	23 51–20	0.38	11452	19 80–20	0.37
11053	27 69–20	0.35	11133	21 89–20	0.36	11213	22 78–20	0.37	11293	19 91–20	0.38	11373	20 71–20	0.40	11453	19 54–19	0.46
11054	11 52–19	0.33	11134	21 91–19	0.38	11214	19 59–20	0.33	11294	16 92–20	0.38	11374	19 83–19	0.38	11454	19 81–20	0.41
11055	22 76–20	0.35	11135	20 93–19	0.40	11215	24 50–20	0.36	11295	21 92–20	0.39	11375	21 62–20	0.31	11455	21 81–19	0.63
11056	20 88–20	0.43	11136	19 94–20	0.37	11216	17 80–19	0.38	11296	21 92–20	0.40	11376	20 78–20	0.43	11456	20 81–19	0.40
11057	21 83–19	0.38	11137	24 49–20	0.40	11217	18 78–20	0.34	11297	20 85–20	0.36	11377	21 81–19	0.42	11457	20 81–19	0.43
11058	17 91–20	0.39	11138	19 87–19	0.46	11218	24 69–20	0.41	11298	22 78–20	0.43	11378	19 87–19	0.43	11458	19 81–19	0.48
11059	21 54–20	0.45	11139	19 91–20	0.40	11219	22 77–20	0.42	11299	19 92–19	0.41	11379	19 71–20	0.43	11459	21 79–19	0.35
11060	20 91–20	0.37	11140	23 50–20	0.37	11220	20 78–20	0.35	11300	19 82–20	0.37	11380	22 53–20	0.39	11460	18 79–19	0.39
11061	20 91–20	0.39	11141	20 82–20	0.38	11221	21 76–20	0.35	11301	23 86–20	0.29	11381	21 92–19	0.38	11461	20 79–19	0.39
11062	23 90–20	0.30	11142	19 89–19	0.38	11222	21 75–20	0.41	11302	22 72–20	0.37	11382	19 71–20	0.42	11462	20 81–19	0.41
11063	21 86–20	0.37	11143	19 92–19	0.38	11223	23 77–20	0.41	11303	20 50–20	0.35	11383	21 80–19	0.38	11463	18 81–19	0.45
11064	20 77–20	0.34	11144	21 92–19	0.43	11224	21 81–19	0.42	11304	17 93–20	0.30	11384	22 79–19	0.47	11464	19 81–19	0.42
11065	24 49–20	0.30	11145	17 93–19	0.36	11225	19 78–20	0.39	11305	19 91–20	0.36	11385	23 79–20	0.37	11465	23 81–20	0.44
11066	19 87–20	0.32	11146	20 91–19	0.37	11226	22 69–20	0.37	11306	22 93–20	0.42	11386	21 73–19	0.36	11466	20 78–19	0.42
11067	21 90–19	0.44	11147	22 89–20	0.36	11227	21 69–20	0.36	11307	20 87–20	0.34	11387	23 72–19	0.42	11467	21 81–19	0.42
11068	19 92–20	0.39	11148	20 81–20	0.44	11228	21 71–19	0.40	11308	21 93–20	0.38	11388	27 74–19	0.36	11468	20 81–20	0.40
11069	20 92–19	0.38	11149	19 83–19	0.41	11229	19 83–19	0.42	11309	23 88–20	0.39	11389	22 75–19	0.43	11469	19 81–19	0.44
11070	20 92–20	0.45	11150	19 78–19	0.43	11230	21 58–20	0.32	11310	20 86–20	0.35	11390	23 76–20	0.38	11470	21 81–19	0.51
11071	22 92–20	0.37	11151	20 83–20	0.29	11231	21 50–20	0.36	11311	14 93–20	0.40	11391	19 80–20	0.41	11471	18 79–19	0.47
11072	19 55–20	0.34	11152	18 74–20	0.38	11232	23 78–20	0.36	11312	21 80–20	0.38	11392	21 91–19	0.39	11472	21 81–20	0.45
11073	21 78–20	0.39	11153	19 87–20	0.43	11233	22 82–20	0.30	11313	21 76–20	0.39	11393	23 81–20	0.40	11473	20 82–20	0.43
11074	20 83–19	0.47	11154	20 84–20	0.37	11234	20 89–20	0.33	11314	22 81–20	0.38	11394	22 80–19	0.39	11474	17 82–19	0.43
11075	21 88–20	0.39	11155	20 67–20	0.32	11235	21 88–20	0.35	11315	19 87–19	0.42	11395	22 91–20	0.24	11475	20 77–19	0.42
11076	22 77–20	0.34	11156	22 91–20	0.42	11236	20 88–20	0.40	11316	19 92–19	0.39	11396	28 51–20	0.35	11476	19 84–20	0.41
11077	22 75–20	0.41	11157	22 69–20	0.36	11237	23 78–20	0.39	11317	23 77–20	0.40	11397	24 78–20	0.28	11477	21 79–19	0.35
11078	21 92–20	0.31	11158	20 86–20	0.35	11238	20 60–19	0.49	11318	9 77–20	0.41	11398	15 83–19	0.26	11478	19 78–19	0.36
11079	20 91–20	0.27	11159	21 75–20	0.39	11239	21 54–20	0.35	11319	20 88–19	0.41	11399	20 77–20	0.42	11479	26 82–20	0.38
11080	22 79–20	0.46	11160	20 49–20	0.36	11240	18 60–19	0.39	11320	21 93–20	0.40	11400	21 77–19	0.41	11480	19 86–20	0.37
11081	21 92–20	0.40	11161	23 82–20	0.40	11241	20 60–19	0.42	11321	22 76–20	0.35	11401	23 73–20	0.36	11481	22 87–19	0.39
11082	21 78–20	0.37	11162	23 60–20	0.45	11242	19 71–19	0.49	11322	22 68–20	0.41	11402	21 74–20	0.40	11482	20 88–19	0.45
11083	19 86–20	0.39	11163	22 90–20	0.37	11243	19 71–19	0.40	11323	20 77–20	0.40	11403	21 53–20	0.37	11483	18 88–19	0.50
11084	18 93–20	0.44	11164	19 90–20	0.42	11244	22 62–20	0.41	11324	21 87–19	0.43	11404	20 93–20	0.44	11484	22 71–20	0.44
11085	19 93–20	0.44	11165	21 80–19	0.39	11245	21 73–20	0.44	11325	20 91–19	0.39	11405	14 78–20	0.33	11485	22 81–20	0.38
11086	17 66–19	0.39	11166	19 92–20	0.38	11246	19 77–20	0.39	11326	18 93–20	0.30	11406	19 94–19	0.38	11486	20 81–20	0.38
11087	19 50–20	0.47	11167	19 89–19	0.42	11247	24 77–20	0.39	11327	21 93–20	0.40	11407	21 62–19	0.42	11487	25 88–20	0.41
11088	19 93–20	0.40	11168	21 51–20	0.36	11248	21 54–20	0.38	11328	21 86–20	0.39	11408	22 78–20	0.36	11488	25 88–20	0.42
11089	27 88–20	0.37	11169	20 80–20	0.46	11249	21 71–20	0.38	11329	21 90–20	0.38	11409	21 88–20	0.38	11489	18 88–20	0.40
11090	20 94–20	0.40	11170	20 76–20	0.37	11250	20 72–20	0.33	11330	20 95–19	0.42	11410	25 79–20	0.33	11490	20 76–20	0.39
11091	19 88–19	0.45	11171	20 82–20	0.45	11251	23 73–20	0.47	11331	19 74–19	0.39	11411	16 84–19	0.35	11491	21 88–20	0.41
11092	20 94–20	0.40	11172	26 82–20	0.35	11252	22 51–20	0.39	11332	20 81–20	0.39	11412	24 50–20	0.35	11492	20 88–20	0.42
11093	20 94–20	0.33	11173	19 84–20	0.42	11253	17 76–20	0.36	11333	19 93–19	0.38	11413	19 79–20	0.41	11493	20 88–20	0.35
11094	21 94–20	0.43	11174	19 76–20	0.39	11254	19 77–20	0.37	11334	20 79–20	0.38	11414	20 78–20	0.41	11494	20 69–20	0.38
11095	23 92–20	0.37	11175	23 89–20	0.47	11255	20 77–20	0.40	11335	19 54–19	0.43	11415	20 72–19	0.39	11495	21 54–20	0.38
11096	22 77–20	0.41	11176	21 90–19	0.38	11256	20 78–20	0.40	11336	19 92–19	0.43	11416	22 78–20	0.39	11496	20 88–20	0.44
11097	23 76–20	0.42	11177	21 92–20	0.44	11257	19 53–19	0.42	11337	18 89–19	0.49	11417	19 91–19	0.46	11497	20 52–20	0.30
11098	20 95–20	0.37	11178	20 90–20	0.39	11258	20 78–20	0.40	11338	19 92–20	0.46	11418	22 53–20	0.36	11498	20 89–20	0.43
11099	21 81–20	0.34	11179	16 79–19	0.44	11259	20 78–19	0.39	11339	19 92–20	0.39	11419	21 75–20	0.37	11499	18 89–20	0.40
11100	20 54–20	0.40	11180	22 77–20	0.37	11260	18 78–19	0.40	11340	22 84–20	0.41	11420	19 74–20	0.37	11500	15 89–19	0.39
11101	20 95–20	0.43	11181	21 71–20	0.34	11261	23 78–20	0.42	11341	20 79–20	0.32	11421	23 75–20	0.38	11501	19 89–19	0.44
11102	20 77–20	0.41	11182	21 80–20	0.34	11262	19 79–19	0.41	11342	20 91–20	0.36	11422	19 79–19	0.44	11502	25 78–19	0.37
11103	20 93–20	0.40	11183	20 86–20	0.33	11263	19 79–20	0.32	11343	18 81–20	0.41	11423	20 80–19	0.40	11503	20 58–19	0.35
11104	21 90–19	0.38	11184	22 71–20	0.37	11264	21 50–19	0.39	11344	19 92–20	0.37	11424	20 55–20	0.24	11504	18 78–19	0.41
11105	22 86–20	0.38	11185	22 76–20	0.42	11265	17 81–20	0.47	11345	20 88–20	0.41	11425	19 81–20	0.38	11505	24 78–20	0.36
11106	22 76–20	0.33	11186	21 77–19	0.36	11266	21 75–20	0.45	11346	20 93–20	0.36	11426	24 60–20	0.38	11506	20 90–20	0.38
11107	21 89–20	0.39	11187	22 51–19	0.43	11267	21 81–20	0.41	11347	23 72–20	0.36	11427	21 60–20	0.37	11507	20 90–20	0.42
11108	20 89–19	0.40	11188	24 50–20	0.32	11268	20 81–20	0.40	11348	22 76–20	0.40	11428	24 60–19	0.48	11508	21 90–20	0.31
11109	22 80–20	0.43	11189	21 51–20	0.39	11269	20 86–19	0.43	11349	20 83–19	0.40	11429	24 60–19	0.37	11509	24 89–20	0.37
11110	21 78–20	0.30	11190	19 53–20	0.36	11270	20 71–19	0.46	11350	22 77–20	0.40	11430	20 60–20	0.40	11510	22 78–20	0.35
11111	20 95–19	0.45	11191	22 80–20	0.38	11271	19 88–20	0.24	11351	22 82–20	0.33	11431	21 71–20	0.40	11511	21 85–20	0.37
11112	21 95–20	0.41	11192	21 91–20	0.35	11272	20 54–20	0.37	11352	23 84–20	0.38	11432	21 73–20	0.40	11512	19 69–19	0.34
11113	19 94–20	0.27	11193	20 82–20	0.40	11273	27 82–20	0.39	11353	22 91–20	0.40	11433	22 53–20	0.38	11513	25 69–20	0.38
11114	22 89–20	0.42	11194	20 90–20	0.37	11274	18 88–19	0.37	11354	21 74–20	0.36	11434	20 31–20	0.39	11514	22 81–19	0.33
11115	19 95–20	0.45	11195	23 55–20	0.34	11275	26 77–20	0.36	11355	21 76–20	0.42	11435	21 31–20	0.38	11515	22 84–20	0.36
11116	19 55–19	0.34	11196	21 72–19	0.37	11276	20 73–20	0.32	11356	20 92–20	0.32	11436	21 69–20	0.37	11516	17 81–19	0.41
11117	18 90–20	0.35	11197	20 78–19	0.44	11277	20 88–20	0.27	11357	21 60–20	0.41	11437	16 71–20	0.65	11517	19 91–19	0.43
11118	19 91–20	0.41	11198	22 76–20	0.42	11278	17 89–19	0.49	11358	22 78–20	0.29	11438	20 73–20	0.39	11518	22 91–20	0.44
11119	22 39–20	0.36	11199	22 82–20	0.32	11279	15 89–19	0.40	11359	21 51–19	0.41	11439	21 74–19	0.43	11519	20 76–20	0.42
11120	20 93–20	0.38	11200	20 83–20	0.31	11280	21 55–19	0.51	11360	22 76–20	0.44	11440	22 71–20	0.36	11520	18 89–19	0.48

№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms
		″			″			″			″			″			″
11521	20 88–20	0.42	11601	20 91–20	0.40	11681	21 43–20	0.38	11761	16 60–20	0.34	11841	20 76–20	0.41	11921	20 78–20	0.29
11522	20 91–20	0.36	11602	21 89–20	0.41	11682	22 53–20	0.36	11762	21 60–19	0.36	11842	20 87–20	0.36	11922	19 55–19	0.46
11523	19 91–19	0.42	11603	19 95–19	0.45	11683	21 54–20	0.35	11763	19 60–20	0.37	11843	20 87–19	0.44	11923	22 52–20	0.36
11524	20 38–20	0.36	11604	20 90–19	0.47	11684	20 82–20	0.36	11764	18 60–20	0.39	11844	26 52–20	0.39	11924	18 90–19	0.43
11525	19 91–19	0.51	11605	21 54–19	0.40	11685	19 94–20	0.39	11765	20 60–20	0.41	11845	24 81–20	0.43	11925	17 92–19	0.41
11526	20 91–20	0.38	11606	17 91–20	0.31	11686	17 85–20	0.39	11766	25 54–20	0.41	11846	21 75–20	0.38	11926	20 92–20	0.38
11527	22 74–19	0.44	11607	21 95–20	0.34	11687	20 78–19	0.44	11767	18 71–19	0.39	11847	21 51–19	0.42	11927	20 75–19	0.30
11528	23 84–20	0.30	11608	18 90–20	0.41	11688	17 78–19	0.41	11768	19 71–20	0.41	11848	20 78–19	0.42	11928	21 55–20	0.36
11529	19 82–19	0.36	11609	22 89–19	0.35	11689	19 79–19	0.41	11769	21 73–19	0.42	11849	19 88–19	0.49	11929	21 84–20	0.41
11530	22 92–20	0.38	11610	22 89–20	0.43	11690	18 91–19	0.55	11770	23 73–20	0.48	11850	19 88–20	0.41	11930	20 89–19	0.35
11531	22 82–20	0.39	11611	21 93–19	0.41	11691	18 86–19	0.42	11771	24 73–20	0.37	11851	20 88–20	0.41	11931	19 82–19	0.50
11532	20 92–20	0.35	11612	16 92–20	0.41	11692	22 77–20	0.46	11772	23 54–20	0.45	11852	20 88–20	0.30	11932	17 93–19	0.39
11533	20 92–19	0.42	11613	22 53–19	0.45	11693	19 53–20	0.37	11773	20 77–20	0.36	11853	21 83–19	0.42	11933	25 77–20	0.38
11534	20 89–20	0.40	11614	20 96–19	0.41	11694	19 78–19	0.44	11774	22 54–20	0.48	11854	21 88–20	0.43	11934	20 91–19	0.41
11535	23 89–19	0.40	11615	22 49–20	0.38	11695	19 76–19	0.43	11775	19 77–20	0.42	11855	20 88–20	0.34	11935	21 76–20	0.40
11536	19 86–20	0.39	11616	23 91–20	0.32	11696	20 85–20	0.38	11776	22 77–20	0.38	11856	17 88–20	0.41	11936	21 77–20	0.39
11537	18 76–20	0.36	11617	20 91–20	0.47	11697	19 60–20	0.38	11777	19 77–20	0.47	11857	21 88–20	0.38	11937	21 90–20	0.43
11538	19 92–20	0.42	11618	22 80–20	0.35	11698	19 92–20	0.38	11778	17 77–20	0.42	11858	22 88–20	0.39	11938	19 93–20	0.37
11539	19 82–19	0.40	11619	20 92–20	0.34	11699	20 83–20	0.30	11779	20 77–20	0.39	11859	20 88–20	0.42	11939	21 62–20	0.36
11540	21 77–20	0.40	11620	21 50–20	0.37	11700	20 83–20	0.36	11780	20 42–20	0.33	11860	24 82–20	0.41	11940	25 76–20	0.37
11541	21 82–20	0.43	11621	21 79–20	0.39	11701	22 50–20	0.34	11781	20 66–20	0.36	11861	23 88–20	0.25	11941	19 90–20	0.33
11542	22 31–20	0.35	11622	20 82–20	0.40	11702	20 87–20	0.36	11782	20 69–20	0.38	11862	19 88–20	0.43	11942	23 79–20	0.43
11543	19 88–20	0.41	11623	18 88–20	0.43	11703	20 94–20	0.47	11783	23 71–19	0.44	11863	21 89–20	0.39	11943	21 83–19	0.44
11544	21 55–20	0.36	11624	19 70–20	0.39	11704	19 88–20	0.40	11784	28 54–20	0.43	11864	20 86–20	0.41	11944	22 54–20	0.37
11545	18 81–20	0.40	11625	22 54–20	0.40	11705	21 50–20	0.31	11785	26 73–20	0.34	11865	18 86–20	0.42	11945	22 88–19	0.40
11546	19 79–19	0.38	11626	19 81–19	0.41	11706	22 89–20	0.40	11786	22 77–20	0.41	11866	23 81–20	0.37	11946	23 88–20	0.40
11547	16 90–19	0.37	11627	19 79–20	0.40	11707	21 86–20	0.41	11787	22 77–20	0.33	11867	20 89–20	0.42	11947	22 76–20	0.40
11548	19 51–20	0.31	11628	18 86–20	0.35	11708	18 92–20	0.34	11788	20 77–20	0.44	11868	20 89–19	0.46	11948	23 73–20	0.43
11549	20 59–20	0.26	11629	19 82–19	0.41	11709	20 78–19	0.43	11789	20 77–20	0.35	11869	23 88–20	0.37	11949	20 93–19	0.34
11550	20 86–20	0.33	11630	19 95–20	0.43	11710	19 90–20	0.37	11790	21 78–20	0.36	11870	20 89–20	0.46	11950	22 83–20	0.39
11551	20 93–20	0.37	11631	19 89–20	0.38	11711	20 81–20	0.37	11791	19 78–20	0.38	11871	17 84–19	0.47	11951	21 94–20	0.46
11552	23 93–20	0.33	11632	21 88–20	0.36	11712	19 87–19	0.39	11792	17 78–19	0.45	11872	19 55–19	0.44	11952	18 81–20	0.39
11553	21 91–20	0.45	11633	20 93–20	0.36	11713	20 89–19	0.36	11793	21 78–19	0.42	11873	20 89–20	0.36	11953	17 91–20	0.40
11554	24 90–20	0.32	11634	18 78–19	0.42	11714	21 77–20	0.41	11794	21 78–19	0.41	11874	19 79–20	0.37	11954	20 89–20	0.40
11555	20 93–20	0.42	11635	20 74–20	0.40	11715	20 78–19	0.39	11795	23 79–20	0.38	11875	22 89–20	0.32	11955	20 94–20	0.43
11556	20 91–19	0.42	11636	19 91–19	0.45	11716	21 90–20	0.39	11796	20 80–20	0.37	11876	19 90–20	0.36	11956	19 90–19	0.43
11557	20 93–20	0.36	11637	19 69–20	0.37	11717	24 82–20	0.40	11797	20 54–20	0.44	11877	21 86–20	0.36	11957	22 54–20	0.42
11558	22 90–20	0.43	11638	19 88–20	0.38	11718	20 86–20	0.40	11798	20 80–19	0.44	11878	21 68–20	0.39	11958	18 94–19	0.42
11559	20 90–20	0.37	11639	21 91–20	0.32	11719	21 90–20	0.40	11799	21 81–19	0.40	11879	20 90–20	0.42	11959	21 85–20	0.37
11560	20 93–20	0.37	11640	17 90–20	0.40	11720	20 77–19	0.43	11800	20 81–19	0.42	11880	20 90–20	0.36	11960	21 90–19	0.36
11561	22 90–20	0.40	11641	20 90–20	0.35	11721	22 76–20	0.41	11801	23 50–20	0.36	11881	20 77–20	0.43	11961	19 86–20	0.36
11562	22 70–20	0.39	11642	18 93–19	0.43	11722	21 92–19	0.40	11802	19 81–20	0.42	11882	21 90–20	0.48	11962	22 89–20	0.38
11563	23 76–20	0.38	11643	18 84–20	0.37	11723	21 76–20	0.37	11803	20 81–19	0.44	11883	21 90–20	0.37	11963	20 89–20	0.40
11564	19 77–20	0.37	11644	23 70–20	0.34	11724	20 74–19	0.41	11804	19 81–19	0.72	11884	19 90–20	0.40	11964	20 94–19	0.36
11565	19 86–20	0.37	11645	20 91–19	0.44	11725	19 93–20	0.42	11805	21 81–19	0.48	11885	5 90–20	0.51	11965	20 78–19	0.40
11566	20 84–20	0.41	11646	20 89–19	0.46	11726	23 76–20	0.40	11806	20 79–19	0.48	11886	20 90–20	0.40	11966	23 90–20	0.41
11567	21 76–20	0.38	11647	20 95–19	0.39	11727	19 88–20	0.35	11807	21 81–20	0.38	11887	27 54–20	0.37	11967	19 92–20	0.41
11568	22 85–20	0.35	11648	23 85–20	0.38	11728	21 92–20	0.41	11808	20 81–20	0.38	11888	22 81–20	0.36	11968	21 81–20	0.40
11569	22 83–20	0.34	11649	20 85–19	0.49	11729	22 53–20	0.40	11809	17 81–19	0.44	11889	20 91–20	0.29	11969	22 76–20	0.40
11570	20 93–19	0.36	11650	18 91–20	0.25	11730	18 73–20	0.38	11810	22 78–19	0.44	11890	21 87–20	0.36	11970	20 94–19	0.44
11571	18 93–20	0.46	11651	20 85–20	0.39	11731	22 79–20	0.37	11811	20 79–20	0.41	11891	19 49–20	0.40	11971	21 68–20	0.40
11572	19 93–19	0.43	11652	21 86–20	0.37	11732	21 81–19	0.37	11812	20 81–19	0.64	11892	18 91–20	0.44	11972	19 91–20	0.43
11573	22 82–20	0.43	11653	22 88–20	0.36	11733	22 77–20	0.33	11813	20 81–20	0.43	11893	20 91–19	0.41	11973	20 77–19	0.41
11574	19 77–20	0.43	11654	20 79–20	0.39	11734	23 48–20	0.27	11814	19 81–19	0.42	11894	19 91–20	0.36	11974	27 72–20	0.45
11575	19 94–20	0.37	11655	22 91–20	0.39	11735	19 92–19	0.42	11815	19 81–19	0.50	11895	20 81–20	0.43	11975	18 95–20	0.37
11576	18 94–20	0.32	11656	22 91–20	0.37	11736	22 82–20	0.40	11816	19 81–19	0.44	11896	21 77–20	0.44	11976	16 95–20	0.34
11577	23 75–20	0.38	11657	18 85–19	0.43	11737	21 82–20	0.40	11817	20 81–20	0.49	11897	20 53–19	0.42	11977	18 95–19	0.63
11578	20 90–20	0.42	11658	22 80–20	0.37	11738	23 91–20	0.40	11818	23 78–19	0.40	11898	24 49–20	0.42	11978	17 74–19	0.39
11579	20 90–19	0.36	11659	23 81–20	0.36	11739	24 76–20	0.39	11819	21 79–19	0.46	11899	20 89–20	0.39	11979	17 91–19	0.35
11580	20 82–20	0.35	11660	21 51–20	0.39	11740	23 92–20	0.38	11820	22 51–19	0.43	11900	19 91–20	0.44	11980	19 94–20	0.41
11581	21 92–19	0.44	11661	17 85–20	0.39	11741	22 82–20	0.43	11821	20 78–20	0.38	11901	19 90–20	0.38	11981	21 76–20	0.42
11582	20 90–20	0.40	11662	19 78–20	0.42	11742	21 52–20	0.43	11822	16 81–19	0.31	11902	19 84–20	0.38	11982	19 95–20	0.43
11583	21 92–19	0.37	11663	24 84–20	0.40	11743	19 75–20	0.41	11823	21 59–20	0.47	11903	20 54–19	0.59	11983	21 93–20	0.40
11584	19 93–19	0.59	11664	20 91–20	0.44	11744	19 60–20	0.39	11824	20 78–20	0.39	11904	18 91–20	0.37	11984	18 95–19	0.40
11585	24 79–20	0.36	11665	20 94–20	0.38	11745	20 77–20	0.34	11825	24 82–20	0.37	11905	20 91–20	0.44	11985	22 81–20	0.38
11586	21 82–20	0.40	11666	21 51–19	0.39	11746	19 89–20	0.39	11826	22 76–20	0.42	11906	22 54–20	0.37	11986	22 85–20	0.34
11587	24 88–20	0.42	11667	21 82–20	0.36	11747	22 86–20	0.41	11827	19 77–19	0.47	11907	20 75–20	0.38	11987	20 83–20	0.31
11588	23 88–20	0.46	11668	22 89–19	0.47	11748	19 88–20	0.41	11828	20 53–19	0.38	11908	19 92–19	0.43	11988	19 78–19	0.46
11589	21 87–20	0.34	11669	18 92–20	0.42	11749	23 74–20	0.37	11829	19 84–19	0.37	11909	21 77–20	0.43	11989	23 74–20	0.40
11590	22 82–20	0.40	11670	22 81–20	0.42	11750	23 77–20	0.38	11830	18 79–19	0.37	11910	18 92–20	0.42	11990	21 81–20	0.41
11591	21 89–20	0.41	11671	21 76–20	0.38	11751	21 83–20	0.34	11831	21 54–20	0.40	11911	23 70–20	0.29	11991	21 88–20	0.37
11592	19 89–20	0.35	11672	19 53–20	0.37	11752	20 77–19	0.42	11832	20 84–20	0.40	11912	20 92–20	0.38	11992	22 74–20	0.34
11593	18 95–20	0.35	11673	19 94–20	0.35	11753	21 60–20	0.39	11833	18 80–20	0.37	11913	18 82–19	0.43	11993	22 76–20	0.34
11594	19 95–20	0.40	11674	20 91–20	0.32	11754	21 60–20	0.39	11834	21 84–20	0.40	11914	19 91–19	0.42	11994	22 82–20	0.40
11595	20 83–19	0.34	11675	20 81–20	0.37	11755	20 55–20	0.41	11835	20 85–20	0.40	11915	19 91–19	0.47	11995	22 80–20	0.43
11596	17 88–20	0.38	11676	19 76–20	0.39	11756	20 60–20	0.35	11836	22 86–20	0.32	11916	19 92–20	0.38	11996	21 91–19	0.42
11597	19 74–19	0.30	11677	21 79–20	0.39	11757	16 60–20	0.43	11837	21 86–20	0.35	11917	19 92–20	0.38	11997	21 88–19	0.43
11598	20 80–20	0.45	11678	19 71–20	0.43	11758	21 60–20	0.42	11838	21 82–19	0.46	11918	18 92–19	0.44	11998	22 78–19	0.41
11599	19 94–20	0.39	11679	18 92–20	0.33	11759	20 60–19	0.40	11839	18 86–20	0.36	11919	18 92–20	0.38	11999	20 89–19	0.33
11600	21 91–20	0.44	11680	19 91–19	0.46	11760	20 60–20	0.43	11840	20 86–20	0.39	11920	20 88–19	0.44	12000	24 51–19	0.37

№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms
		″			″			″			″			″			″
12001	25 51–19	0.41	12081	19 68–19	0.42	12161	17 73–20	0.40	12241	17 88–19	0.41	12321	18 92–20	0.43	12401	20 95–20	0.43
12002	21 82–20	0.40	12082	20 77–20	0.42	12162	23 73–20	0.46	12242	28 54–20	0.39	12322	18 82–20	0.34	12402	19 92–20	0.42
12003	21 75–20	0.32	12083	19 62–20	0.42	12163	20 73–19	0.48	12243	21 80–20	0.38	12323	23 53–20	0.36	12403	21 80–20	0.38
12004	22 86–19	0.45	12084	19 91–19	0.32	12164	22 54–20	0.38	12244	21 88–19	0.38	12324	18 92–20	0.39	12404	18 95–19	0.72
12005	26 80–20	0.42	12085	17 76–20	0.38	12165	25 73–19	0.41	12245	20 88–19	0.45	12325	22 81–20	0.43	12405	19 95–20	0.42
12006	23 95–20	0.39	12086	19 95–20	0.39	12166	19 73–19	0.43	12246	18 81–19	0.41	12326	19 75–20	0.39	12406	17 81–19	0.42
12007	18 91–19	0.41	12087	20 91–20	0.42	12167	20 73–20	0.42	12247	20 78–19	0.43	12327	18 80–19	0.40	12407	19 95–20	0.43
12008	18 49–20	0.25	12088	19 78–20	0.37	12168	24 55–19	0.58	12248	24 51–19	0.40	12328	19 54–19	0.45	12408	18 95–20	0.40
12009	19 76–20	0.35	12089	20 89–20	0.40	12169	19 77–19	0.48	12249	23 78–20	0.38	12329	20 81–20	0.32	12409	18 95–20	0.36
12010	18 79–19	0.44	12090	20 76–20	0.40	12170	21 76–19	0.44	12250	21 88–20	0.41	12330	19 78–20	0.37	12410	18 91–20	0.42
12011	20 87–19	0.38	12091	20 76–20	0.39	12171	19 77–20	0.39	12251	21 83–19	0.46	12331	18 92–20	0.35	12411	19 91–19	0.38
12012	18 82–19	0.39	12092	20 79–19	0.44	12172	22 72–20	0.38	12252	21 88–20	0.44	12332	21 85–19	0.47	12412	19 55–19	0.37
12013	20 49–19	0.42	12093	19 77–20	0.42	12173	20 77–20	0.40	12253	19 88–19	0.37	12333	19 91–20	0.40	12413	20 71–20	0.41
12014	19 87–20	0.34	12094	18 91–20	0.44	12174	20 77–19	0.42	12254	27 54–20	0.39	12334	21 88–20	0.42	12414	21 91–20	0.42
12015	18 84–20	0.41	12095	21 90–20	0.39	12175	24 77–20	0.45	12255	18 88–20	0.33	12335	20 92–19	0.44	12415	19 78–20	0.35
12016	20 91–20	0.35	12096	19 77–19	0.32	12176	18 77–20	0.38	12256	20 89–20	0.34	12336	19 53–19	0.35	12416	22 76–20	0.37
12017	20 87–19	0.40	12097	20 84–20	0.40	12177	20 77–20	0.39	12257	20 89–20	0.39	12337	20 58–19	0.41	12417	19 71–20	0.38
12018	19 91–20	0.37	12098	21 78–20	0.41	12178	23 77–20	0.43	12258	20 89–19	0.38	12338	18 90–20	0.32	12418	18 92–19	0.37
12019	18 92–19	0.44	12099	18 90–19	0.40	12179	23 71–20	0.45	12259	21 53–20	0.37	12339	19 90–20	0.36	12419	22 76–20	0.37
12020	20 87–20	0.38	12100	19 91–19	0.46	12180	21 77–20	0.55	12260	22 79–20	0.39	12340	19 92–20	0.36	12420	18 91–20	0.36
12021	19 71–20	0.40	12101	19 92–19	0.46	12181	18 64–19	0.43	12261	19 89–20	0.42	12341	21 93–20	0.39	12421	19 91–20	0.40
12022	17 94–19	0.37	12102	21 90–20	0.37	12182	20 73–20	0.41	12262	20 80–20	0.41	12342	17 88–19	0.39	12422	20 90–20	0.34
12023	20 60–20	0.38	12103	20 75–19	0.40	12183	19 75–19	0.38	12263	19 89–19	0.41	12343	20 81–19	0.39	12423	19 95–20	0.42
12024	15 89–19	0.38	12104	21 76–20	0.35	12184	19 75–20	0.40	12264	18 90–20	0.36	12344	22 93–20	0.36	12424	20 78–19	0.50
12025	19 58–19	0.43	12105	19 82–19	0.42	12185	19 76–20	0.40	12265	17 82–19	0.33	12345	18 93–20	0.41	12425	18 95–20	0.56
12026	17 88–20	0.35	12106	19 94–20	0.37	12186	18 77–20	0.36	12266	20 90–20	0.43	12346	22 87–20	0.38	12426	21 51–19	0.42
12027	17 73–20	0.39	12107	18 79–20	0.38	12187	21 77–20	0.45	12267	15 90–19	0.43	12347	19 93–19	0.36	12427	21 91–19	0.49
12028	19 76–19	0.39	12108	20 92–20	0.41	12188	21 78–20	0.46	12268	19 90–19	0.42	12348	19 77–19	0.44	12428	19 90–20	0.30
12029	20 93–20	0.37	12109	20 66–20	0.31	12189	18 78–19	0.40	12269	20 90–19	0.35	12349	23 85–20	0.34	12429	20 89–19	0.40
12030	16 85–19	0.45	12110	20 78–19	0.34	12190	21 78–20	0.35	12270	19 90–19	0.46	12350	21 82–20	0.37	12430	20 90–19	0.40
12031	18 85–19	0.35	12111	19 90–20	0.37	12191	19 78–19	0.40	12271	20 90–20	0.37	12351	19 91–20	0.36	12431	19 92–20	0.35
12032	16 77–19	0.37	12112	23 31–20	0.34	12192	23 78–19	0.44	12272	19 90–19	0.63	12352	21 80–19	0.29	12432	19 93–19	0.44
12033	21 86–20	0.34	12113	21 77–20	0.36	12193	19 79–19	0.30	12273	20 88–19	0.41	12353	20 93–20	0.38	12433	17 84–18	0.55
12034	20 90–20	0.36	12114	24 50–20	0.39	12194	19 79–20	0.35	12274	20 90–20	0.36	12354	21 93–19	0.43	12434	22 53–19	0.40
12035	21 78–20	0.38	12115	24 82–20	0.31	12195	18 79–20	0.43	12275	25 55–20	0.32	12355	21 79–20	0.42	12435	20 96–20	0.39
12036	20 70–20	0.41	12116	25 76–20	0.35	12196	21 78–20	0.40	12276	19 90–20	0.38	12356	21 91–20	0.39	12436	22 77–20	0.34
12037	16 77–20	0.36	12117	21 87–19	0.39	12197	22 80–20	0.30	12277	18 90–19	0.39	12357	22 93–20	0.43	12437	23 92–19	0.40
12038	19 95–20	0.44	12118	17 76–19	0.36	12198	18 80–20	0.36	12278	20 90–20	0.41	12358	20 93–20	0.40	12438	18 90–19	0.39
12039	25 78–20	0.32	12119	16 82–19	0.40	12199	19 80–20	0.35	12279	22 79–20	0.34	12359	23 76–20	0.38	12439	22 85–19	0.37
12040	15 93–20	0.37	12120	18 92–20	0.36	12200	20 81–19	0.41	12280	23 76–20	0.39	12360	21 76–20	0.41	12440	20 96–19	0.32
12041	22 91–20	0.42	12121	20 94–19	0.37	12201	21 81–20	0.41	12281	23 85–20	0.36	12361	20 93–19	0.48	12441	20 96–19	0.43
12042	20 96–19	0.40	12122	20 64–19	0.38	12202	18 79–20	0.44	12282	21 91–19	0.36	12362	21 87–20	0.45	12442	20 96–20	0.33
12043	21 53–19	0.36	12123	20 84–20	0.37	12203	19 53–19	0.44	12283	22 70–20	0.36	12363	21 89–20	0.39	12443	21 96–20	0.40
12044	20 81–19	0.36	12124	20 79–20	0.39	12204	18 78–20	0.37	12284	21 91–20	0.37	12364	18 89–20	0.39	12444	23 96–20	0.32
12045	21 82–19	0.43	12125	21 78–20	0.39	12205	19 78–20	0.40	12285	21 88–20	0.42	12365	21 93–19	0.40	12445	19 96–20	0.37
12046	21 94–20	0.37	12126	29 04–20	0.35	12206	21 78–20	0.44	12286	19 91–20	0.42	12366	19 78–19	0.38	12446	17 77–20	0.40
12047	18 92–20	0.42	12127	20 72–20	0.38	12207	20 75–20	0.40	12287	20 91–20	0.45	12367	19 79–19	0.44	12447	19 79–20	0.45
12048	21 91–19	0.38	12128	20 78–19	0.46	12208	18 81–20	0.36	12288	18 88–20	0.35	12368	19 76–20	0.39	12448	19 91–19	0.41
12049	22 54–20	0.36	12129	21 92–20	0.36	12209	21 54–20	0.30	12289	19 69–20	0.36	12369	18 91–19	0.43	12449	19 83–19	0.36
12050	23 74–20	0.33	12130	21 91–20	0.49	12210	18 81–20	0.42	12290	19 73–20	0.40	12370	19 80–19	0.43	12450	20 84–20	0.41
12051	18 95–20	0.39	12131	20 60–19	0.40	12211	22 75–20	0.39	12291	21 84–20	0.40	12371	20 89–20	0.40	12451	19 80–20	0.43
12052	24 77–20	0.38	12132	25 60–20	0.44	12212	20 81–20	0.40	12292	22 58–19	0.42	12372	19 94–20	0.42	12452	18 79–20	0.37
12053	20 54–20	0.37	12133	20 60–19	0.42	12213	22 81–20	0.45	12293	19 88–19	0.34	12373	19 94–20	0.37	12453	21 86–20	0.30
12054	21 86–19	0.46	12134	19 60–19	0.45	12214	22 81–20	0.36	12294	18 84–19	0.40	12374	24 54–20	0.31	12454	20 82–20	0.38
12055	18 80–20	0.38	12135	19 60–20	0.43	12215	21 81–20	0.40	12295	20 80–20	0.40	12375	19 91–20	0.37	12455	21 87–20	0.36
12056	19 50–19	0.39	12136	20 60–20	0.37	12216	19 81–20	0.43	12296	19 91–20	0.38	12376	20 89–19	0.33	12456	18 94–20	0.42
12057	19 49–20	0.37	12137	21 60–19	0.44	12217	18 82–20	0.36	12297	20 91–20	0.37	12377	20 82–20	0.28	12457	19 89–19	0.44
12058	21 60–20	0.36	12138	21 60–20	0.43	12218	21 82–20	0.32	12298	17 89–20	0.36	12378	20 90–20	0.43	12458	19 91–20	0.40
12059	21 78–20	0.43	12139	19 60–19	0.38	12219	22 82–20	0.41	12299	19 71–20	0.39	12379	19 94–19	0.42	12459	19 89–19	0.44
12060	18 87–20	0.38	12140	21 60–20	0.35	12220	18 82–20	0.36	12300	21 64–20	0.40	12380	21 79–20	0.43	12460	18 94–20	0.43
12061	20 61–19	0.52	12141	20 60–19	0.42	12221	20 82–19	0.43	12301	20 51–20	0.44	12381	21 81–20	0.34	12461	21 83–19	0.40
12062	19 91–19	0.44	12142	20 55–19	0.37	12222	20 76–19	0.35	12302	20 71–20	0.42	12382	20 92–20	0.41	12462	19 91–20	0.37
12063	20 87–20	0.43	12143	19 55–20	0.39	12223	19 83–19	0.46	12303	20 72–20	0.39	12383	23 89–20	0.41	12463	19 91–20	0.36
12064	19 91–19	0.35	12144	19 60–20	0.45	12224	20 84–20	0.38	12304	21 49–20	0.39	12384	21 68–19	0.42	12464	17 89–19	0.41
12065	19 73–20	0.48	12145	18 60–20	0.37	12225	21 78–20	0.35	12305	18 79–19	0.36	12385	23 89–20	0.43	12465	20 50–20	0.45
12066	19 78–19	0.40	12146	21 60–20	0.51	12226	19 85–19	0.51	12306	20 72–20	0.39	12386	21 89–20	0.36	12466	19 87–20	0.35
12067	18 71–20	0.49	12147	19 60–20	0.39	12227	18 85–20	0.37	12307	20 91–20	0.43	12387	21 94–20	0.29	12467	19 77–19	0.33
12068	21 75–20	0.43	12148	21 60–20	0.44	12228	21 71–20	0.40	12308	19 91–20	0.36	12388	21 91–20	0.38	12468	17 88–20	0.35
12069	20 89–20	0.36	12149	20 60–20	0.45	12229	18 85–20	0.38	12309	20 92–19	0.39	12389	20 83–19	0.37	12469	19 95–19	0.43
12070	20 91–20	0.40	12150	22 63–19	0.36	12230	21 51–20	0.33	12310	25 76–20	0.42	12390	15 55–20	0.35	12470	21 78–20	0.35
12071	20 71–19	0.57	12151	20 71–20	0.34	12231	20 74–20	0.41	12311	18 90–19	0.47	12391	21 82–20	0.39	12471	21 76–20	0.37
12072	20 71–20	0.43	12152	19 71–20	0.49	12232	24 53–20	0.33	12312	20 90–20	0.44	12392	21 52–20	0.37	12472	18 94–20	0.36
12073	19 84–20	0.34	12153	18 71–19	0.40	12233	19 78–20	0.32	12313	19 83–20	0.39	12393	21 93–19	0.41	12473	19 90–20	0.41
12074	19 91–19	0.41	12154	20 71–19	0.49	12234	22 80–19	0.39	12314	20 92–20	0.46	12394	19 82–19	0.46	12474	19 90–20	0.42
12075	19 91–20	0.43	12155	19 71–20	0.35	12235	21 86–20	0.49	12315	20 92–20	0.36	12395	22 95–20	0.33	12475	21 72–20	0.42
12076	20 81–19	0.40	12156	23 73–19	0.42	12236	18 87–19	0.41	12316	21 50–20	0.36	12396	19 84–19	0.38	12476	18 82–19	0.38
12077	20 81–20	0.39	12157	19 73–20	0.50	12237	19 87–20	0.40	12317	21 91–20	0.43	12397	21 78–19	0.36	12477	19 91–20	0.39
12078	19 73–20	0.43	12158	21 73–19	0.39	12238	23 86–20	0.37	12318	19 83–19	0.42	12398	19 94–20	0.37	12478	17 95–19	0.38
12079	20 57–20	0.37	12159	20 73–20	0.41	12239	23 76–20	0.35	12319	20 89–20	0.40	12399	18 95–19	0.43	12479	18 95–20	0.40
12080	21 79–20	0.40	12160	18 73–20	0.40	12240	20 77–19	0.40	12320	18 91–20	0.40	12400	19 91–20	0.42	12480	19 95–20	0.37

№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms
		″			″			″			″			″			″
12481	21 78–20	0.42	12561	22 90–19	0.39	12641	21 51–20	0.40	12721	20 84–19	0.42	12801	21 83–20	0.35	12881	21 81–20	0.36
12482	18 91–20	0.39	12562	22 84–20	0.39	12642	18 73–19	0.40	12722	21 87–19	0.40	12802	17 91–19	0.41	12882	20 81–20	0.40
12483	18 55–20	0.41	12563	21 80–20	0.35	12643	21 73–20	0.42	12723	18 91–20	0.35	12803	19 87–19	0.42	12883	18 80–20	0.34
12484	21 92–20	0.45	12564	23 88–20	0.39	12644	23 51–20	0.40	12724	19 91–20	0.38	12804	20 92–20	0.36	12884	21 87–19	0.42
12485	21 72–20	0.37	12565	20 96–20	0.41	12645	20 73–19	0.43	12725	20 90–20	0.37	12805	21 71–20	0.39	12885	20 92–20	0.37
12486	19 93–20	0.42	12566	23 78–20	0.42	12646	19 73–20	0.46	12726	19 91–20	0.39	12806	19 93–20	0.43	12886	20 74–20	0.37
12487	21 80–20	0.43	12567	21 81–19	0.43	12647	18 73–20	0.46	12727	18 91–20	0.36	12807	20 94–20	0.37	12887	21 87–19	0.43
12488	21 92–20	0.45	12568	23 55–20	0.36	12648	18 58–20	0.39	12728	20 87–20	0.36	12808	20 66–20	0.28	12888	22 55–20	0.38
12489	18 74–20	0.42	12569	24 75–20	0.41	12649	23 77–20	0.45	12729	19 83–20	0.36	12809	21 80–20	0.34	12889	20 90–19	0.41
12490	22 91–20	0.45	12570	21 51–20	0.30	12650	21 77–20	0.42	12730	20 91–20	0.37	12810	20 90–20	0.37	12890	20 90–19	0.42
12491	23 90–20	0.43	12571	19 87–19	0.45	12651	21 77–19	0.44	12731	20 53–20	0.37	12811	17 88–20	0.41	12891	22 91–20	0.37
12492	22 89–20	0.35	12572	20 74–20	0.40	12652	21 77–19	0.38	12732	20 90–19	0.43	12812	19 51–19	0.43	12892	19 92–20	0.35
12493	22 90–19	0.41	12573	20 90–19	0.40	12653	17 77–19	0.43	12733	21 87–20	0.40	12813	19 53–20	0.40	12893	20 83–20	0.39
12494	17 88–20	0.39	12574	20 90–20	0.31	12654	22 77–19	0.42	12734	20 70–19	0.40	12814	19 89–20	0.35	12894	20 54–20	0.37
12495	20 88–20	0.38	12575	18 82–19	0.42	12655	21 77–20	0.38	12735	19 91–20	0.35	12815	20 91–20	0.40	12895	19 90–20	0.35
12496	21 91–20	0.42	12576	21 78–20	0.45	12656	21 77–19	0.38	12736	19 76–20	0.41	12816	21 92–19	0.39	12896	24 71–20	0.44
12497	17 90–20	0.43	12577	20 86–20	0.38	12657	20 71–20	0.33	12737	20 91–20	0.42	12817	20 96–20	0.43	12897	18 87–20	0.35
12498	20 90–20	0.44	12578	20 78–19	0.40	12658	22 73–20	0.44	12738	19 78–20	0.25	12818	23 82–19	0.40	12898	21 96–20	0.42
12499	18 43–20	0.37	12579	20 94–19	0.44	12659	19 73–20	0.40	12739	20 92–20	0.42	12819	21 81–20	0.39	12899	19 91–20	0.38
12500	19 86–20	0.40	12580	23 78–20	0.42	12660	23 53–20	0.40	12740	21 77–20	0.26	12820	22 78–20	0.32	12900	20 91–20	0.39
12501	20 77–20	0.37	12581	19 91–19	0.41	12661	20 76–20	0.41	12741	19 92–19	0.42	12821	18 91–20	0.37	12901	20 75–20	0.41
12502	20 91–20	0.41	12582	23 50–20	0.39	12662	20 78–20	0.51	12742	23 70–19	0.39	12822	19 77–20	0.44	12902	22 80–20	0.40
12503	20 91–20	0.40	12583	18 58–20	0.41	12663	22 78–20	0.42	12743	20 81–20	0.32	12823	18 94–19	0.44	12903	19 94–20	0.39
12504	20 81–20	0.39	12584	20 77–20	0.40	12664	20 78–19	0.40	12744	18 76–20	0.37	12824	19 80–20	0.43	12904	22 90–20	0.41
12505	26 51–20	0.39	12585	20 95–19	0.47	12665	20 78–20	0.40	12745	20 79–20	0.34	12825	18 95–19	0.37	12905	23 79–20	0.43
12506	20 90–19	0.36	12586	23 49–20	0.36	12666	21 75–19	0.41	12746	20 55–20	0.37	12826	18 95–20	0.36	12906	20 92–20	0.42
12507	22 81–20	0.33	12587	23 76–20	0.32	12667	19 77–19	0.52	12747	18 92–19	0.44	12827	19 79–19	0.41	12907	20 71–19	0.40
12508	20 88–20	0.37	12588	19 71–20	0.35	12668	19 79–20	0.46	12748	17 51–19	0.34	12828	20 89–20	0.40	12908	20 79–20	0.35
12509	18 91–19	0.41	12589	18 85–20	0.37	12669	22 79–20	0.33	12749	18 93–20	0.45	12829	20 82–20	0.39	12909	21 78–20	0.39
12510	20 69–20	0.40	12590	20 80–20	0.39	12670	20 79–20	0.46	12750	19 89–19	0.35	12830	17 81–19	0.37	12910	20 71–20	0.45
12511	20 77–19	0.39	12591	20 59–20	0.35	12671	22 66–20	0.40	12751	19 93–19	0.47	12831	18 87–20	0.36	12911	22 76–19	0.39
12512	19 85–20	0.37	12592	20 90–20	0.36	12672	21 80–20	0.37	12752	19 89–19	0.44	12832	20 74–19	0.40	12912	23 90–20	0.39
12513	19 80–20	0.41	12593	19 81–20	0.36	12673	22 80–20	0.45	12753	20 49–19	0.32	12833	18 92–20	0.41	12913	20 75–20	0.41
12514	19 94–20	0.39	12594	20 90–20	0.40	12674	20 80–20	0.38	12754	21 62–20	0.32	12834	19 76–20	0.34	12914	20 50–20	0.31
12515	22 71–20	0.36	12595	19 89–19	0.43	12675	22 54–20	0.36	12755	21 89–20	0.41	12835	18 77–19	0.37	12915	22 88–20	0.37
12516	19 89–20	0.44	12596	20 77–20	0.39	12676	18 49–20	0.37	12756	21 79–20	0.31	12836	18 95–20	0.38	12916	21 86–19	0.42
12517	18 77–19	0.39	12597	22 85–19	0.44	12677	18 81–19	0.42	12757	22 78–20	0.40	12837	18 88–20	0.39	12917	25 51–20	0.44
12518	19 82–20	0.39	12598	22 88–20	0.39	12678	20 81–20	0.34	12758	19 87–19	0.42	12838	20 87–20	0.34	12918	20 82–20	0.32
12519	22 54–20	0.41	12599	18 94–19	0.42	12679	20 81–20	0.43	12759	23 87–20	0.43	12839	20 78–20	0.40	12919	20 74–20	0.37
12520	21 38–20	0.38	12600	23 51–20	0.37	12680	19 81–20	0.41	12760	22 80–19	0.39	12840	19 83–19	0.49	12920	31 51–20	0.36
12521	20 91–20	0.34	12601	19 88–20	0.44	12681	20 81–20	0.37	12761	20 91–19	0.45	12841	18 95–19	0.36	12921	23 86–19	0.44
12522	19 75–20	0.42	12602	16 92–19	0.45	12682	21 82–19	0.46	12762	19 93–19	0.43	12842	20 95–20	0.43	12922	21 75–19	0.45
12523	20 91–20	0.34	12603	18 81–19	0.42	12683	19 83–20	0.41	12763	22 82–20	0.43	12843	21 89–20	0.38	12923	18 55–20	0.44
12524	18 94–19	0.43	12604	20 91–20	0.40	12684	23 80–20	0.34	12764	19 93–20	0.37	12844	21 79–20	0.36	12924	17 92–20	0.36
12525	20 90–20	0.50	12605	21 91–20	0.44	12685	22 85–19	0.35	12765	20 93–20	0.37	12845	19 94–20	0.39	12925	19 80–20	0.35
12526	20 77–20	0.40	12606	19 60–20	0.37	12686	22 86–20	0.31	12766	19 93–20	0.37	12846	20 93–19	0.42	12926	21 51–20	0.32
12527	20 88–20	0.36	12607	19 60–20	0.41	12687	20 54–20	0.32	12767	25 81–20	0.40	12847	18 91–20	0.36	12927	18 78–19	0.40
12528	20 89–20	0.35	12608	17 60–19	0.41	12688	22 54–20	0.40	12768	21 82–19	0.39	12848	21 50–20	0.36	12928	20 90–20	0.42
12529	20 77–20	0.41	12609	19 60–19	0.39	12689	18 88–20	0.41	12769	18 94–20	0.38	12849	21 49–20	0.32	12929	25 53–20	0.30
12530	21 91–19	0.43	12610	22 60–20	0.40	12690	20 80–20	0.29	12770	20 92–20	0.47	12850	18 72–20	0.50	12930	22 61–19	0.39
12531	19 94–19	0.44	12611	20 60–19	0.40	12691	19 81–19	0.66	12771	21 74–20	0.39	12851	20 90–20	0.43	12931	21 72–20	0.45
12532	21 60–20	0.44	12612	20 60–20	0.37	12692	19 89–19	0.40	12772	20 88–19	0.44	12852	24 50–19	0.42	12932	19 91–20	0.40
12533	19 94–20	0.41	12613	21 60–20	0.41	12693	23 49–20	0.34	12773	18 90–20	0.46	12853	22 50–19	0.39	12933	18 89–20	0.42
12534	20 77–20	0.38	12614	19 51–20	0.35	12694	22 84–19	0.44	12774	18 81–19	0.41	12854	19 91–20	0.38	12934	19 84–20	0.42
12535	19 57–19	0.42	12615	22 51–20	0.39	12695	20 52–20	0.36	12775	16 94–18	0.41	12855	19 91–19	0.49	12935	18 60–19	0.38
12536	21 89–19	0.37	12616	20 60–19	0.40	12696	21 89–20	0.37	12776	19 94–20	0.39	12856	21 65–20	0.34	12936	20 60–20	0.41
12537	20 84–20	0.39	12617	25 60–19	0.38	12697	23 75–20	0.35	12777	20 90–20	0.37	12857	19 93–20	0.43	12937	20 60–19	0.38
12538	15 91–19	0.32	12618	21 60–19	0.38	12698	19 89–20	0.42	12778	20 94–20	0.37	12858	19 88–20	0.42	12938	18 60–19	0.42
12539	20 81–20	0.40	12619	19 60–20	0.39	12699	21 76–19	0.40	12779	20 94–20	0.40	12859	18 78–19	0.43	12939	21 60–19	0.43
12540	21 79–20	0.37	12620	21 60–19	0.43	12700	17 90–19	0.38	12780	19 93–19	0.50	12860	19 95–20	0.38	12940	19 60–19	0.42
12541	21 91–20	0.42	12621	22 60–19	0.41	12701	21 77–19	0.47	12781	16 95–20	0.36	12861	21 91–19	0.47	12941	17 60–19	0.40
12542	20 93–20	0.52	12622	20 60–19	0.40	12702	23 78–20	0.37	12782	20 84–19	0.43	12862	19 95–20	0.40	12942	20 55–19	0.40
12543	19 76–20	0.35	12623	19 60–20	0.34	12703	22 78–20	0.39	12783	19 71–19	0.38	12863	20 77–20	0.39	12943	21 60–19	0.45
12544	21 71–19	0.38	12624	20 60–19	0.44	12704	26 64–19	0.38	12784	20 95–20	0.36	12864	21 85–20	0.43	12944	18 60–18	0.43
12545	22 87–20	0.40	12625	22 60–19	0.42	12705	22 78–20	0.36	12785	18 95–20	0.40	12865	22 92–20	0.39	12945	20 60–20	0.42
12546	21 82–19	0.43	12626	20 71–20	0.41	12706	19 71–19	0.48	12786	21 83–19	0.47	12866	19 95–20	0.37	12946	18 71–19	0.41
12547	20 87–20	0.45	12627	17 71–20	0.40	12707	17 90–19	0.40	12787	19 78–20	0.36	12867	19 59–19	0.35	12947	17 71–20	0.39
12548	18 89–20	0.37	12628	20 71–20	0.42	12708	21 87–20	0.45	12788	21 59–20	0.43	12868	22 87–20	0.63	12948	21 71–20	0.42
12549	20 93–19	0.40	12629	20 71–20	0.40	12709	19 90–19	0.38	12789	17 95–20	0.29	12869	22 92–20	0.40	12949	19 71–20	0.40
12550	20 49–19	0.32	12630	18 71–20	0.39	12710	20 90–20	0.40	12790	20 79–20	0.46	12870	19 90–20	0.35	12950	23 71–19	0.42
12551	25 53–20	0.35	12631	20 55–20	0.41	12711	14 91–19	0.40	12791	19 87–20	0.35	12871	19 71–20	0.35	12951	22 73–20	0.39
12552	21 79–19	0.36	12632	22 71–20	0.40	12712	21 91–20	0.42	12792	23 71–20	0.41	12872	20 88–20	0.41	12952	22 73–20	0.38
12553	19 87–20	0.39	12633	19 71–19	0.42	12713	22 53–20	0.34	12793	19 88–20	0.40	12873	18 91–19	0.60	12953	19 73–19	0.52
12554	23 87–20	0.41	12634	19 71–20	0.39	12714	23 90–20	0.36	12794	18 78–19	0.47	12874	21 92–20	0.42	12954	24 71–20	0.47
12555	22 74–20	0.32	12635	21 52–19	0.37	12715	19 71–19	0.39	12795	19 89–20	0.38	12875	17 85–19	0.40	12955	19 73–19	0.48
12556	21 84–19	0.42	12636	20 71–19	0.40	12716	19 91–19	0.42	12796	16 95–19	0.39	12876	20 96–20	0.40	12956	19 51–19	0.39
12557	21 93–20	0.39	12637	23 71–19	0.51	12717	19 91–20	0.38	12797	19 93–20	0.38	12877	18 88–19	0.37	12957	19 73–19	0.49
12558	22 79–20	0.37	12638	18 55–20	0.41	12718	18 91–20	0.40	12798	20 85–20	0.40	12878	22 60–19	0.43	12958	19 73–19	0.40
12559	23 67–20	0.32	12639	20 73–19	0.46	12719	18 91–19	0.41	12799	21 72–20	0.41	12879	20 91–20	0.41	12959	20 73–19	0.47
12560	20 82–19	0.37	12640	20 73–20	0.41	12720	19 91–20	0.35	12800	19 80–19	0.38	12880	19 92–19	0.42	12960	20 73–19	0.43

№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms
		″			″			″			″			″			″
12961	20 73–20	0.52	13041	19 89–20	0.29	13121	18 92–19	0.42	13201	22 82–20	0.40	13281	19 77–20	0.38	13361	20 50–20	0.32
12962	21 73–20	0.39	13042	19 90–20	0.27	13122	18 94–19	0.42	13202	17 91–19	0.42	13282	20 82–19	0.38	13362	26 89–20	0.40
12963	20 54–19	0.36	13043	21 86–20	0.33	13123	21 53–20	0.29	13203	20 94–20	0.43	13283	20 91–20	0.35	13363	21 86–20	0.39
12964	20 77–20	0.39	13044	21 80–20	0.39	13124	19 94–20	0.39	13204	20 76–20	0.37	13284	20 85–19	0.37	13364	22 75–20	0.45
12965	20 77–20	0.36	13045	20 78–20	0.33	13125	21 86–20	0.40	13205	18 80–20	0.37	13285	19 91–20	0.43	13365	20 82–20	0.35
12966	19 77–19	0.43	13046	20 90–20	0.37	13126	19 94–20	0.47	13206	20 79–20	0.35	13286	18 86–19	0.52	13366	23 54–19	0.47
12967	21 77–20	0.44	13047	20 90–20	0.39	13127	19 91–19	0.38	13207	18 93–20	0.45	13287	18 93–20	0.44	13367	21 80–19	0.38
12968	21 77–20	0.48	13048	20 90–20	0.38	13128	18 82–19	0.43	13208	19 93–20	0.36	13288	18 85–19	0.42	13368	20 78–20	0.39
12969	18 77–19	0.34	13049	19 86–20	0.32	13129	20 93–20	0.38	13209	17 88–19	0.42	13289	20 78–20	0.34	13369	20 84–19	0.44
12970	19 77–19	0.42	13050	20 90–20	0.34	13130	21 90–20	0.37	13210	18 92–19	0.43	13290	20 68–19	0.30	13370	20 85–20	0.41
12971	19 64–19	0.46	13051	19 90–20	0.39	13131	18 78–20	0.30	13211	21 92–20	0.41	13291	18 89–19	0.42	13371	20 79–20	0.36
12972	20 73–19	0.43	13052	19 90–19	0.41	13132	18 79–19	0.44	13212	21 89–20	0.36	13292	19 90–20	0.38	13372	21 96–19	0.46
12973	22 73–19	0.49	13053	17 90–19	0.39	13133	17 77–19	0.48	13213	17 95–20	0.37	13293	19 50–20	0.43	13373	20 78–20	0.37
12974	23 73–19	0.46	13054	19 89–20	0.38	13134	19 53–20	0.36	13214	20 77–20	0.37	13294	18 95–20	0.37	13374	22 71–20	0.38
12975	19 73–20	0.32	13055	19 90–19	0.39	13135	18 94–19	0.43	13215	21 91–19	0.40	13295	22 39–20	0.34	13375	20 95–20	0.36
12976	19 76–20	0.38	13056	19 77–20	0.44	13136	20 92–20	0.45	13216	19 92–20	0.36	13296	19 91–20	0.42	13376	21 70–20	0.32
12977	20 78–20	0.37	13057	21 90–20	0.38	13137	18 94–20	0.36	13217	17 80–19	0.46	13297	20 75–20	0.57	13377	22 89–20	0.38
12978	19 78–20	0.38	13058	19 90–20	0.43	13138	19 81–20	0.34	13218	20 92–20	0.37	13298	17 76–19	0.40	13378	21 85–20	0.30
12979	19 77–20	0.40	13059	21 83–20	0.38	13139	19 92–19	0.35	13219	19 86–20	0.43	13299	18 83–20	0.37	13379	25 89–20	0.46
12980	19 78–19	0.40	13060	23 53–20	0.37	13140	18 94–19	0.42	13220	21 87–20	0.29	13300	19 81–19	0.37	13380	21 88–20	0.39
12981	18 78–20	0.43	13061	20 84–20	0.34	13141	20 91–19	0.39	13221	17 86–19	0.40	13301	18 81–19	0.41	13381	23 86–20	0.42
12982	18 79–19	0.41	13062	21 91–20	0.46	13142	20 89–20	0.41	13222	17 95–19	0.41	13302	18 78–20	0.35	13382	23 78–20	0.35
12983	19 79–19	0.37	13063	18 91–20	0.36	13143	21 67–20	0.33	13223	18 89–20	0.42	13303	21 82–20	0.34	13383	22 51–19	0.45
12984	21 79–20	0.38	13064	19 82–19	0.39	13144	18 95–20	0.40	13224	21 75–19	0.40	13304	20 85–19	0.38	13384	22 80–20	0.40
12985	19 80–20	0.36	13065	19 77–20	0.38	13145	21 95–20	0.40	13225	23 87–20	0.40	13305	18 89–19	0.41	13385	25 80–19	0.40
12986	16 81–20	0.43	13066	21 77–20	0.38	13146	20 95–19	0.40	13226	20 77–20	0.37	13306	21 91–20	0.38	13386	20 91–19	0.38
12987	24 73–20	0.40	13067	20 91–19	0.40	13147	22 55–20	0.35	13227	20 89–19	0.41	13307	24 82–19	0.41	13387	19 96–19	0.44
12988	17 53–20	0.43	13068	19 91–20	0.36	13148	20 94–20	0.40	13228	21 91–20	0.37	13308	21 51–20	0.39	13388	21 81–20	0.26
12989	17 79–20	0.40	13069	18 71–19	0.43	13149	20 82–19	0.41	13229	20 78–19	0.46	13309	21 55–20	0.39	13389	21 91–20	0.38
12990	19 77–20	0.39	13070	20 71–20	0.39	13150	18 93–19	0.42	13230	21 91–20	0.43	13310	24 82–19	0.38	13390	19 81–20	0.32
12991	22 81–20	0.37	13071	18 82–19	0.40	13151	19 95–20	0.42	13231	21 85–19	0.42	13311	19 79–20	0.29	13391	21 90–20	0.35
12992	21 72–20	0.34	13072	19 82–19	0.47	13152	21 51–19	0.43	13232	19 69–20	0.34	13312	20 73–20	0.37	13392	20 91–20	0.46
12993	22 78–20	0.39	13073	19 74–20	0.34	13153	18 80–20	0.41	13233	19 73–20	0.36	13313	18 76–19	0.43	13393	21 85–20	0.35
12994	25 78–20	0.41	13074	21 63–20	0.37	13154	18 72–20	0.36	13234	20 80–20	0.35	13314	20 84–20	0.40	13394	17 82–20	0.40
12995	20 81–20	0.43	13075	17 89–19	0.56	13155	19 95–20	0.39	13235	19 84–19	0.38	13315	20 70–20	0.41	13395	22 78–19	0.38
12996	20 78–20	0.39	13076	20 83–19	0.38	13156	19 82–20	0.41	13236	18 85–20	0.37	13316	19 80–20	0.38	13396	19 62–19	0.41
12997	18 77–20	0.45	13077	19 91–20	0.38	13157	17 95–20	0.37	13237	18 89–20	0.40	13317	24 79–20	0.43	13397	20 71–20	0.43
12998	20 81–20	0.41	13078	18 91–19	0.37	13158	18 95–20	0.40	13238	19 94–20	0.38	13318	21 91–20	0.38	13398	19 75–20	0.33
12999	18 57–20	0.38	13079	19 92–20	0.37	13159	18 80–20	0.38	13239	19 94–19	0.46	13319	19 77–20	0.31	13399	21 82–19	0.41
13000	19 81–19	0.44	13080	18 88–19	0.45	13160	18 78–20	0.43	13240	19 93–19	0.42	13320	21 77–20	0.37	13400	19 92–20	0.40
13001	19 81–19	0.45	13081	20 71–20	0.30	13161	21 80–20	0.36	13241	18 75–20	0.41	13321	20 82–19	0.41	13401	21 33–20	0.29
13002	19 54–20	0.37	13082	19 85–20	0.41	13162	20 76–20	0.43	13242	19 91–20	0.41	13322	20 87–19	0.45	13402	25 54–20	0.37
13003	20 82–19	0.32	13083	20 82–20	0.45	13163	19 80–20	0.33	13243	18 95–20	0.39	13323	24 49–20	0.42	13403	19 79–20	0.39
13004	20 82–19	0.47	13084	20 89–20	0.39	13164	18 91–20	0.44	13244	21 83–20	0.47	13324	20 81–19	0.40	13404	18 92–19	0.46
13005	20 82–20	0.39	13085	20 92–20	0.39	13165	19 85–20	0.36	13245	17 77–20	0.40	13325	19 80–20	0.34	13405	26 54–19	0.52
13006	19 83–20	0.32	13086	22 89–20	0.39	13166	19 76–20	0.29	13246	23 90–20	0.40	13326	24 81–20	0.38	13406	24 49–20	0.35
13007	21 06–20	0.32	13087	22 90–20	0.38	13167	22 86–20	0.39	13247	19 80–19	0.38	13327	21 60–19	0.41	13407	21 72–19	0.41
13008	21 84–20	0.41	13088	21 92–20	0.46	13168	18 95–19	0.61	13248	20 92–20	0.38	13328	20 93–20	0.44	13408	20 71–20	0.38
13009	21 83–20	0.37	13089	21 87–20	0.33	13169	20 76–19	0.38	13249	20 61–20	0.29	13329	20 93–20	0.36	13409	20 80–19	0.41
13010	22 50–20	0.35	13090	20 87–20	0.36	13170	22 79–20	0.43	13250	18 91–20	0.43	13330	24 76–19	0.42	13410	21 70–20	0.39
13011	19 87–19	0.46	13091	19 82–20	0.41	13171	17 89–19	0.39	13251	20 50–20	0.43	13331	20 93–19	0.47	13411	20 95–20	0.48
13012	19 82–20	0.35	13092	19 92–19	0.38	13172	16 87–20	0.37	13252	21 92–20	0.36	13332	21 91–20	0.41	13412	23 79–20	0.41
13013	20 76–19	0.41	13093	22 87–20	0.30	13173	18 96–19	0.44	13253	19 90–20	0.39	13333	20 60–20	0.39	13413	21 89–20	0.41
13014	20 87–19	0.44	13094	21 64–19	0.41	13174	18 96–19	0.41	13254	20 76–20	0.39	13334	18 93–20	0.37	13414	22 89–20	0.39
13015	22 82–19	0.63	13095	18 88–19	0.45	13175	19 77–20	0.39	13255	21 36–20	0.40	13335	20 80–20	0.58	13415	19 91–20	0.40
13016	20 88–20	0.37	13096	26 84–20	0.38	13176	19 50–20	0.32	13256	19 81–20	0.39	13336	20 78–20	0.37	13416	21 77–20	0.40
13017	21 55–20	0.36	13097	19 93–19	0.44	13177	20 88–20	0.39	13257	20 81–20	0.40	13337	21 92–20	0.40	13417	22 72–20	0.40
13018	22 80–20	0.29	13098	19 91–20	0.44	13178	20 77–19	0.45	13258	20 80–20	0.39	13338	21 89–20	0.33	13418	20 50–20	0.39
13019	21 71–20	0.32	13099	19 56–19	0.39	13179	21 76–19	0.37	13259	20 80–19	0.42	13339	20 88–20	0.44	13419	17 82–19	0.42
13020	20 88–19	0.41	13100	22 60–20	0.43	13180	20 76–19	0.45	13260	20 52–20	0.39	13340	19 93–20	0.39	13420	20 80–20	0.40
13021	22 79–20	0.40	13101	19 93–20	0.38	13181	20 78–19	0.41	13261	19 90–20	0.41	13341	18 93–19	0.40	13421	23 60–20	0.41
13022	18 88–20	0.34	13102	19 90–19	0.44	13182	22 86–19	0.44	13262	19 91–20	0.37	13342	20 76–19	0.43	13422	18 76–20	0.35
13023	17 88–19	0.56	13103	17 93–20	0.36	13183	22 92–20	0.39	13263	20 60–19	0.44	13343	21 89–19	0.45	13423	20 71–20	0.34
13024	18 89–20	0.40	13104	20 93–20	0.42	13184	23 92–20	0.38	13264	19 87–20	0.41	13344	20 93–20	0.42	13424	19 89–20	0.34
13025	18 75–19	0.35	13105	15 93–19	0.43	13185	21 73–19	0.50	13265	17 73–19	0.45	13345	20 91–20	0.43	13425	24 77–19	0.43
13026	16 89–19	0.40	13106	19 89–19	0.42	13186	17 85–20	0.38	13266	22 50–20	0.38	13346	18 94–19	0.40	13426	17 75–20	0.42
13027	20 89–20	0.38	13107	19 46–20	0.34	13187	19 91–20	0.39	13267	20 87–19	0.39	13347	20 73–19	0.39	13427	18 85–20	0.30
13028	22 89–20	0.33	13108	21 93–20	0.39	13188	18 95–20	0.40	13268	20 92–20	0.39	13348	23 79–19	0.42	13428	24 76–20	0.40
13029	19 89–20	0.32	13109	19 70–19	0.41	13189	18 80–19	0.37	13269	20 79–20	0.41	13349	21 93–20	0.40	13429	22 86–20	0.38
13030	20 84–20	0.40	13110	20 82–20	0.34	13190	19 84–20	0.35	13270	19 91–20	0.36	13350	20 81–19	0.42	13430	23 52–19	0.41
13031	22 79–20	0.40	13111	18 92–20	0.35	13191	18 76–20	0.41	13271	19 80–20	0.40	13351	22 81–20	0.30	13431	18 90–20	0.37
13032	20 89–20	0.45	13112	21 88–20	0.38	13192	18 78–20	0.40	13272	19 80–19	0.48	13352	18 77–20	0.31	13432	22 93–20	0.43
13033	20 89–19	0.40	13113	22 79–19	0.43	13193	18 90–19	0.47	13273	20 69–20	0.38	13353	21 51–19	0.47	13433	19 91–20	0.38
13034	20 89–20	0.41	13114	19 77–20	0.49	13194	19 76–20	0.45	13274	18 89–20	0.41	13354	23 54–19	0.35	13434	20 91–20	0.38
13035	24 77–19	0.38	13115	22 76–20	0.35	13195	19 54–20	0.28	13275	21 92–20	0.44	13355	22 87–20	0.31	13435	18 91–19	0.42
13036	19 89–19	0.38	13116	19 93–20	0.39	13196	19 81–19	0.38	13276	19 75–20	0.30	13356	21 89–20	0.42	13436	24 72–20	0.35
13037	19 90–20	0.40	13117	20 93–20	0.39	13197	20 93–20	0.43	13277	21 78–20	0.35	13357	20 76–19	0.40	13437	20 77–19	0.41
13038	21 90–20	0.38	13118	21 78–20	0.35	13198	18 91–20	0.41	13278	21 79–20	0.40	13358	20 89–20	0.33	13438	20 90–20	0.42
13039	21 84–19	0.38	13119	18 52–20	0.41	13199	18 77–20	0.36	13279	18 95–19	0.42	13359	21 72–20	0.36	13439	15 60–19	0.51
13040	20 90–20	0.40	13120	19 88–19	0.36	13200	18 94–20	0.47	13280	19 91–19	0.38	13360	21 81–20	0.35	13440	18 60–19	0.40

№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms
		″			″			″			″			″			″
13441	21 60–19	0.40	13521	18 91–20	0.41	13601	19 88–20	0.29	13681	18 95–20	0.41	13761	20 74–19	0.39	13841	18 78–19	0.39
13442	19 60–18	0.47	13522	20 87–19	0.41	13602	19 81–20	0.34	13682	19 95–19	0.39	13762	17 81–20	0.31	13842	20 53–20	0.37
13443	20 60–20	0.37	13523	20 91–20	0.38	13603	20 79–20	0.45	13683	22 87–20	0.36	13763	20 81–20	0.45	13843	19 90–20	0.36
13444	23 60–19	0.45	13524	18 91–20	0.38	13604	20 73–19	0.49	13684	18 94–19	0.41	13764	18 95–20	0.40	13844	20 86–20	0.39
13445	22 60–20	0.38	13525	21 90–20	0.46	13605	19 93–19	0.58	13685	21 91–20	0.39	13765	20 93–20	0.40	13845	20 96–20	0.37
13446	20 60–20	0.32	13526	19 91–20	0.37	13606	17 94–19	0.40	13686	18 92–20	0.37	13766	20 90–20	0.37	13846	20 54–20	0.39
13447	19 60–19	0.38	13527	18 81–20	0.40	13607	18 93–20	0.39	13687	20 92–20	0.33	13767	19 92–20	0.40	13847	21 76–20	0.36
13448	19 60–20	0.38	13528	18 91–20	0.41	13608	19 76–20	0.36	13688	20 86–20	0.38	13768	20 81–20	0.39	13848	19 74–20	0.39
13449	19 60–19	0.41	13529	19 91–20	0.33	13609	19 77–20	0.38	13689	20 91–19	0.48	13769	19 92–19	0.43	13849	17 81–20	0.35
13450	19 60–19	0.39	13530	18 91–20	0.37	13610	20 82–19	0.43	13690	19 91–20	0.34	13770	21 91–20	0.43	13850	20 84–20	0.37
13451	15 60–18	0.36	13531	22 54–20	0.35	13611	22 32–20	0.46	13691	20 83–20	0.37	13771	17 60–19	0.52	13851	21 87–19	0.39
13452	19 60–20	0.36	13532	18 91–20	0.36	13612	23 80–20	0.47	13692	19 96–20	0.38	13772	20 51–20	0.37	13852	20 79–20	0.37
13453	19 60–20	0.39	13533	21 89–19	0.38	13613	20 81–19	0.43	13693	21 71–20	0.40	13773	19 94–20	0.38	13853	21 71–20	0.41
13454	19 60–20	0.40	13534	20 91–19	0.45	13614	19 70–20	0.33	13694	22 89–20	0.42	13774	18 76–20	0.41	13854	16 79–19	0.37
13455	20 60–19	0.44	13535	18 91–20	0.42	13615	19 94–20	0.34	13695	20 72–20	0.40	13775	17 76–19	0.38	13855	19 79–20	0.41
13456	17 60–18	0.45	13536	25 84–20	0.40	13616	18 94–19	0.43	13696	19 78–20	0.34	13776	20 92–19	0.40	13856	21 90–20	0.38
13457	19 60–20	0.46	13537	21 77–20	0.41	13617	18 89–20	0.35	13697	21 49–20	0.36	13777	18 83–20	0.35	13857	20 86–19	0.43
13458	19 71–19	0.42	13538	22 52–20	0.37	13618	20 92–20	0.39	13698	20 53–20	0.32	13778	19 92–20	0.39	13858	20 83–20	0.38
13459	18 71–20	0.38	13539	20 76–20	0.35	13619	18 95–19	0.40	13699	19 81–20	0.34	13779	21 69–20	0.42	13859	21 81–20	0.31
13460	20 71–19	0.42	13540	18 80–19	0.44	13620	18 92–19	0.42	13700	18 59–20	0.38	13780	22 79–19	0.48	13860	23 70–20	0.33
13461	19 73–19	0.56	13541	17 78–19	0.42	13621	20 87–20	0.37	13701	16 95–20	0.39	13781	20 86–20	0.40	13861	18 60–19	0.38
13462	19 73–19	0.43	13542	18 73–19	0.42	13622	21 81–19	0.45	13702	20 86–20	0.39	13782	22 54–19	0.37	13862	21 77–19	0.45
13463	20 73–20	0.43	13543	20 92–20	0.36	13623	19 92–20	0.39	13703	19 87–19	0.40	13783	18 79–19	0.41	13863	22 75–20	0.37
13464	17 77–19	0.48	13544	20 90–20	0.33	13624	17 92–20	0.39	13704	18 91–19	0.43	13784	21 87–20	0.39	13864	19 50–19	0.43
13465	20 77–20	0.43	13545	19 71–19	0.48	13625	21 77–19	0.44	13705	18 77–20	0.37	13785	20 78–20	0.42	13865	22 71–20	0.41
13466	21 77–20	0.38	13546	20 90–20	0.38	13626	17 95–20	0.39	13706	15 81–20	0.30	13786	20 53–20	0.32	13866	19 88–20	0.35
13467	19 77–19	0.44	13547	21 92–20	0.36	13627	19 88–20	0.38	13707	19 68–19	0.40	13787	21 75–19	0.43	13867	19 78–20	0.41
13468	20 77–19	0.40	13548	19 92–19	0.40	13628	19 88–20	0.34	13708	17 92–20	0.36	13788	22 52–19	0.37	13868	19 90–20	0.33
13469	21 71–19	0.45	13549	21 82–20	0.38	13629	20 77–19	0.41	13709	19 70–19	0.41	13789	18 91–20	0.38	13869	19 90–20	0.37
13470	21 60–20	0.39	13550	18 92–20	0.41	13630	18 91–19	0.39	13710	17 81–20	0.38	13790	21 91–19	0.42	13870	18 60–20	0.43
13471	19 77–20	0.42	13551	17 88–20	0.36	13631	17 94–19	0.45	13711	18 93–19	0.44	13791	18 78–19	0.40	13871	20 60–20	0.40
13472	19 77–20	0.45	13552	19 92–20	0.36	13632	18 94–20	0.38	13712	19 86–19	0.40	13792	20 81–19	0.40	13872	20 60–20	0.42
13473	18 53–20	0.43	13553	17 79–20	0.26	13633	17 95–19	0.39	13713	19 81–20	0.41	13793	21 91–20	0.43	13873	18 60–20	0.42
13474	22 56–19	0.56	13554	20 92–20	0.44	13634	20 70–19	0.47	13714	19 78–20	0.37	13794	19 81–19	0.45	13874	19 60–20	0.37
13475	24 73–19	0.51	13555	20 70–20	0.36	13635	18 95–19	0.46	13715	19 90–20	0.36	13795	20 91–19	0.42	13875	18 60–19	0.42
13476	18 74–20	0.36	13556	20 92–20	0.34	13636	16 94–19	0.44	13716	18 91–19	0.39	13796	20 75–19	0.43	13876	19 60–20	0.37
13477	19 75–20	0.35	13557	22 50–19	0.30	13637	17 76–19	0.38	13717	17 95–20	0.37	13797	21 71–20	0.38	13877	20 60–20	0.41
13478	14 76–19	0.40	13558	20 87–20	0.32	13638	18 96–20	0.40	13718	18 95–20	0.37	13798	22 76–20	0.39	13878	20 60–19	0.33
13479	19 77–20	0.39	13559	21 76–20	0.32	13639	22 76–20	0.37	13719	19 91–20	0.38	13799	20 71–20	0.43	13879	19 60–20	0.39
13480	19 55–20	0.35	13560	19 92–20	0.38	13640	19 83–20	0.36	13720	20 79–20	0.36	13800	19 82–19	0.32	13880	19 60–20	0.38
13481	17 78–20	0.38	13561	18 92–19	0.55	13641	20 90–19	0.43	13721	18 91–20	0.38	13801	23 50–19	0.37	13881	18 60–19	0.41
13482	22 79–20	0.34	13562	19 92–19	0.39	13642	19 96–20	0.41	13722	21 76–19	0.36	13802	18 81–20	0.35	13882	19 60–20	0.46
13483	19 80–20	0.43	13563	21 92–20	0.43	13643	18 96–20	0.34	13723	20 79–20	0.41	13803	19 86–20	0.37	13883	21 60–20	0.31
13484	18 81–20	0.37	13564	17 72–20	0.39	13644	22 76–20	0.39	13724	19 54–19	0.42	13804	21 81–19	0.48	13884	17 71–20	0.44
13485	21 81–19	0.44	13565	18 92–20	0.42	13645	20 92–20	0.43	13725	19 93–20	0.34	13805	26 69–19	0.39	13885	19 71–19	0.40
13486	22 81–20	0.37	13566	22 92–20	0.45	13646	20 71–20	0.47	13726	21 87–20	0.35	13806	23 78–20	0.39	13886	21 49–20	0.41
13487	18 81–20	0.31	13567	20 92–20	0.24	13647	22 91–19	0.35	13727	18 93–20	0.37	13807	22 89–20	0.41	13887	19 71–20	0.44
13488	21 30–20	0.27	13568	24 75–19	0.39	13648	22 72–20	0.43	13728	21 90–20	0.40	13808	21 75–19	0.32	13888	17 71–19	0.45
13489	20 82–20	0.33	13569	20 91–20	0.48	13649	24 83–19	0.45	13729	16 95–19	0.45	13809	23 84–20	0.36	13889	21 71–19	0.46
13490	19 84–19	0.38	13570	18 93–19	0.38	13650	20 96–19	0.43	13730	19 84–20	0.39	13810	23 50–20	0.36	13890	21 73–20	0.45
13491	18 84–19	0.46	13571	19 91–19	0.50	13651	12 80–20	0.45	13731	19 85–20	0.44	13811	20 82–20	0.28	13891	17 73–20	0.47
13492	20 84–19	0.42	13572	16 93–19	0.41	13652	17 95–20	0.40	13732	18 89–19	0.35	13812	21 80–20	0.32	13892	18 73–19	0.41
13493	19 85–19	0.36	13573	19 89–20	0.40	13653	19 91–20	0.46	13733	17 90–20	0.40	13813	20 82–20	0.27	13893	21 73–20	0.38
13494	18 55–20	0.37	13574	19 93–20	0.40	13654	17 95–20	0.37	13734	18 74–20	0.39	13814	20 92–20	0.33	13894	18 73–19	0.52
13495	19 69–20	0.45	13575	19 91–20	0.45	13655	18 88–19	0.43	13735	18 85–20	0.37	13815	24 68–19	0.37	13895	21 73–20	0.43
13496	20 85–19	0.40	13576	20 89–20	0.42	13656	21 93–20	0.40	13736	20 91–20	0.38	13816	23 73–20	0.36	13896	18 73–19	0.47
13497	16 86–19	0.38	13577	20 90–19	0.42	13657	20 79–20	0.35	13737	19 76–19	0.41	13817	21 87–20	0.36	13897	25 73–19	0.49
13498	21 80–19	0.34	13578	18 73–20	0.31	13658	17 95–19	0.45	13738	19 94–20	0.43	13818	21 90–20	0.40	13898	21 73–20	0.47
13499	22 86–19	0.40	13579	19 91–20	0.40	13659	19 79–20	0.42	13739	20 88–20	0.36	13819	21 74–20	0.38	13899	19 73–19	0.44
13500	22 87–20	0.34	13580	20 81–20	0.38	13660	18 91–19	0.40	13740	18 51–20	0.39	13820	23 88–20	0.46	13900	20 73–20	0.37
13501	21 87–20	0.34	13581	21 75–20	0.27	13661	18 94–19	0.43	13741	21 79–20	0.40	13821	18 80–20	0.39	13901	18 77–20	0.38
13502	19 87–20	0.41	13582	21 79–20	0.34	13662	18 91–20	0.41	13742	20 91–20	0.47	13822	19 78–19	0.44	13902	20 77–20	0.41
13503	18 58–20	0.36	13583	21 91–19	0.41	13663	18 94–20	0.34	13743	17 91–20	0.38	13823	20 82–20	0.30	13903	19 75–20	0.34
13504	23 88–19	0.39	13584	20 93–20	0.41	13664	17 77–20	0.38	13744	19 76–19	0.43	13824	19 91–19	0.41	13904	17 75–19	0.41
13505	20 55–20	0.37	13585	20 91–19	0.47	13665	18 87–20	0.38	13745	21 77–20	0.39	13825	20 89–20	0.41	13905	20 76–20	0.46
13506	19 88–20	0.41	13586	22 82–20	0.39	13666	19 91–19	0.38	13746	19 76–20	0.36	13826	17 73–19	0.41	13906	20 77–20	0.38
13507	20 89–20	0.39	13587	18 82–19	0.36	13667	18 91–20	0.46	13747	20 89–19	0.44	13827	20 91–20	0.40	13907	22 77–20	0.36
13508	19 75–20	0.37	13588	20 88–19	0.49	13668	19 83–20	0.43	13748	19 82–19	0.45	13828	20 89–20	0.39	13908	18 78–20	0.45
13509	21 89–20	0.41	13589	19 93–20	0.38	13669	20 94–20	0.39	13749	20 89–20	0.39	13829	20 92–19	0.41	13909	17 78–20	0.38
13510	19 77–20	0.34	13590	19 77–19	0.44	13670	18 91–20	0.42	13750	19 80–19	0.42	13830	21 75–20	0.37	13910	20 79–20	0.41
13511	19 89–19	0.39	13591	20 94–20	0.35	13671	19 81–20	0.41	13751	18 90–20	0.40	13831	18 81–19	0.43	13911	19 79–20	0.37
13512	19 62–20	0.50	13592	19 91–19	0.46	13672	21 90–19	0.37	13752	19 79–20	0.40	13832	26 55–20	0.25	13912	18 79–19	0.39
13513	19 90–20	0.38	13593	20 55–20	0.40	13673	19 93–20	0.33	13753	19 89–19	0.43	13833	21 83–20	0.37	13913	22 79–20	0.39
13514	22 80–20	0.39	13594	18 94–19	0.41	13674	17 80–19	0.44	13754	20 81–19	0.30	13834	20 92–19	0.42	13914	20 80–20	0.35
13515	22 86–20	0.45	13595	19 94–20	0.39	13675	21 91–20	0.35	13755	18 87–19	0.47	13835	22 75–20	0.38	13915	21 82–19	0.31
13516	20 90–20	0.41	13596	19 71–19	0.45	13676	21 93–20	0.44	13756	18 91–20	0.41	13836	20 57–19	0.46	13916	20 78–20	0.45
13517	20 90–20	0.44	13597	19 91–19	0.42	13677	18 96–19	0.42	13757	20 77–20	0.40	13837	22 84–19	0.40	13917	18 84–20	0.37
13518	20 90–20	0.45	13598	19 74–19	0.43	13678	20 84–20	0.33	13758	21 49–20	0.41	13838	23 82–20	0.41	13918	22 50–20	0.31
13519	20 90–20	0.38	13599	20 90–20	0.34	13679	20 92–20	0.34	13759	21 81–19	0.42	13839	22 51–20	0.36	13919	20 84–20	0.33
13520	20 72–20	0.32	13600	19 91–20	0.43	13680	21 95–20	0.42	13760	21 86–20	0.41	13840	18 87–19	0.37	13920	20 79–20	0.44

№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms
		″			″			″			″			″			″
13921	19 78–19	0.45	14001	18 93–20	0.34	14081	19 75–20	0.38	14161	19 90–19	0.44	14241	26 73–20	0.41	14321	18 77–20	0.43
13922	19 81–20	0.37	14002	19 89–19	0.46	14082	20 81–20	0.41	14162	21 61–20	0.35	14242	20 87–19	0.37	14322	20 74–20	0.38
13923	19 85–19	0.58	14003	20 60–20	0.40	14083	19 80–20	0.42	14163	20 93–20	0.40	14243	21 81–20	0.37	14323	19 79–20	0.41
13924	19 86–20	0.40	14004	19 89–20	0.39	14084	20 93–20	0.37	14164	20 90–20	0.36	14244	19 81–19	0.40	14324	19 79–20	0.40
13925	24 86–20	0.32	14005	21 82–19	0.59	14085	16 95–20	0.36	14165	21 53–20	0.33	14245	19 83–20	0.35	14325	22 79–20	0.43
13926	23 86–20	0.43	14006	23 62–19	0.40	14086	18 93–20	0.44	14166	19 89–20	0.44	14246	22 64–20	0.39	14326	19 80–20	0.43
13927	19 80–20	0.35	14007	22 83–20	0.43	14087	18 91–19	0.48	14167	20 86–19	0.38	14247	20 50–20	0.41	14327	22 76–20	0.32
13928	18 87–20	0.38	14008	19 93–19	0.43	14088	17 93–20	0.43	14168	21 89–19	0.43	14248	22 81–19	0.42	14328	20 80–20	0.34
13929	19 71–19	0.42	14009	22 86–20	0.36	14089	19 96–20	0.37	14169	20 75–19	0.47	14249	20 87–19	0.42	14329	20 81–19	0.43
13930	21 49–20	0.37	14010	21 92–20	0.35	14090	20 79–19	0.42	14170	19 76–19	0.42	14250	15 78–20	0.33	14330	21 81–19	0.44
13931	20 88–19	0.41	14011	22 53–20	0.42	14091	20 91–20	0.35	14171	21 82–19	0.52	14251	20 87–20	0.35	14331	21 77–19	0.39
13932	20 88–20	0.34	14012	20 93–20	0.29	14092	18 93–19	0.44	14172	21 75–20	0.37	14252	18 78–20	0.37	14332	19 81–19	0.37
13933	19 88–19	0.40	14013	19 76–19	0.41	14093	20 78–20	0.41	14173	21 50–19	0.44	14253	19 89–19	0.40	14333	17 79–19	0.41
13934	20 84–20	0.32	14014	22 89–20	0.41	14094	21 91–20	0.55	14174	18 93–20	0.39	14254	20 75–19	0.42	14334	18 78–19	0.45
13935	20 89–19	0.39	14015	21 81–19	0.44	14095	19 93–20	0.27	14175	18 78–19	0.42	14255	20 77–20	0.34	14335	19 71–20	0.40
13936	19 89–19	0.34	14016	22 91–20	0.39	14096	21 71–20	0.40	14176	20 81–19	0.47	14256	21 78–20	0.35	14336	19 81–20	0.34
13937	19 89–20	0.34	14017	19 88–19	0.41	14097	19 93–19	0.42	14177	18 79–19	0.40	14257	21 42–20	0.28	14337	18 81–20	0.40
13938	19 76–20	0.36	14018	18 91–20	0.38	14098	22 78–20	0.39	14178	18 89–20	0.41	14258	20 84–19	0.42	14338	20 82–20	0.33
13939	20 89–20	0.40	14019	18 60–20	0.40	14099	22 80–19	0.42	14179	18 80–20	0.37	14259	20 75–20	0.39	14339	24 54–20	0.28
13940	21 89–20	0.42	14020	18 91–20	0.44	14100	20 91–20	0.39	14180	21 81–19	0.43	14260	21 84–19	0.39	14340	20 54–19	0.44
13941	21 89–20	0.36	14021	16 94–19	0.43	14101	19 96–20	0.37	14181	25 32–19	0.38	14261	19 88–20	0.32	14341	20 83–20	0.40
13942	19 89–20	0.31	14022	20 66–20	0.37	14102	19 85–20	0.39	14182	18 80–20	0.45	14262	18 91–19	0.40	14342	22 84–20	0.37
13943	17 81–20	0.33	14023	17 94–20	0.40	14103	22 92–20	0.41	14183	19 92–19	0.39	14263	22 88–20	0.31	14343	19 84–20	0.37
13944	19 89–19	0.38	14024	20 86–20	0.36	14104	20 86–19	0.45	14184	21 91–20	0.37	14264	20 75–19	0.43	14344	16 85–19	0.48
13945	22 85–20	0.36	14025	21 83–20	0.43	14105	20 92–20	0.33	14185	20 77–20	0.34	14265	20 79–20	0.40	14345	25 49–20	0.38
13946	22 90–20	0.45	14026	20 76–19	0.40	14106	19 91–19	0.39	14186	22 91–19	0.41	14266	19 85–20	0.40	14346	20 85–20	0.39
13947	19 90–20	0.37	14027	21 86–20	0.44	14107	22 91–20	0.38	14187	18 91–20	0.36	14267	18 77–19	0.48	14347	17 82–19	0.40
13948	18 79–19	0.39	14028	19 94–20	0.40	14108	18 88–20	0.38	14188	22 89–20	0.35	14268	23 86–20	0.44	14348	18 85–20	0.36
13949	20 90–20	0.44	14029	20 77–20	0.40	14109	19 90–19	0.51	14189	21 80–20	0.45	14269	21 93–20	0.36	14349	19 85–19	0.49
13950	22 71–20	0.39	14030	17 76–20	0.63	14110	19 77–19	0.47	14190	20 82–20	0.38	14270	21 85–19	0.43	14350	20 85–20	0.33
13951	21 89–19	0.41	14031	19 94–20	0.31	14111	16 88–20	0.47	14191	19 86–20	0.36	14271	23 87–20	0.35	14351	21 75–19	0.39
13952	20 90–19	0.40	14032	19 53–20	0.31	14112	19 83–20	0.39	14192	22 82–20	0.33	14272	25 60–20	0.40	14352	18 87–19	0.40
13953	16 82–20	0.38	14033	20 55–20	0.39	14113	20 81–19	0.42	14193	20 81–19	0.42	14273	20 78–20	0.34	14353	18 87–20	0.46
13954	18 53–20	0.36	14034	19 95–19	0.42	14114	19 91–20	0.50	14194	21 81–20	0.38	14274	18 97–19	0.47	14354	21 87–20	0.42
13955	20 90–20	0.33	14035	22 91–20	0.33	14115	19 95–20	0.38	14195	21 92–19	0.40	14275	19 76–20	0.44	14355	18 87–19	0.44
13956	21 82–20	0.33	14036	19 95–20	0.35	14116	18 95–20	0.42	14196	19 87–20	0.34	14276	20 78–20	0.30	14356	19 87–20	0.42
13957	20 81–20	0.41	14037	22 71–20	0.38	14117	18 82–20	0.38	14197	20 76–20	0.39	14277	20 93–20	0.46	14357	19 61–20	0.34
13958	20 91–20	0.38	14038	22 77–20	0.32	14118	18 81–19	0.35	14198	18 70–19	0.45	14278	16 77–19	0.40	14358	23 78–20	0.39
13959	20 91–20	0.36	14039	21 85–20	0.35	14119	20 75–19	0.47	14199	20 87–20	0.35	14279	21 76–20	0.38	14359	20 88–19	0.36
13960	17 91–19	0.51	14040	17 95–20	0.38	14120	19 80–19	0.36	14200	20 90–20	0.37	14280	20 89–20	0.40	14360	21 88–20	0.35
13961	19 91–20	0.36	14041	19 88–20	0.41	14121	20 68–20	0.32	14201	24 75–20	0.32	14281	24 83–20	0.38	14361	23 76–20	0.31
13962	23 69–19	0.45	14042	19 94–20	0.38	14122	18 93–20	0.34	14202	21 56–20	0.32	14282	23 60–20	0.39	14362	19 88–20	0.24
13963	22 71–20	0.41	14043	17 92–20	0.37	14123	19 91–20	0.40	14203	23 53–20	0.37	14283	17 60–20	0.41	14363	20 88–19	0.41
13964	22 91–19	0.44	14044	19 91–20	0.39	14124	17 53–20	0.36	14204	21 91–20	0.34	14284	18 60–20	0.32	14364	19 88–20	0.40
13965	20 91–20	0.39	14045	19 89–19	0.38	14125	22 84–20	0.44	14205	21 87–20	0.34	14285	16 60–19	0.41	14365	23 78–20	0.44
13966	19 70–20	0.40	14046	19 93–20	0.38	14126	19 90–20	0.39	14206	21 85–19	0.40	14286	20 60–20	0.43	14366	20 60–19	0.44
13967	18 81–20	0.36	14047	18 91–20	0.40	14127	24 81–20	0.31	14207	21 79–20	0.29	14287	24 49–19	0.43	14367	21 88–20	0.41
13968	21 91–20	0.33	14048	19 90–20	0.36	14128	22 89–20	0.39	14208	19 92–20	0.35	14288	17 60–19	0.37	14368	20 88–19	0.61
13969	19 91–20	0.40	14049	18 88–20	0.40	14129	19 80–19	0.45	14209	19 77–19	0.39	14289	18 60–19	0.44	14369	19 78–20	0.38
13970	18 91–20	0.40	14050	18 91–20	0.38	14130	19 81–20	0.42	14210	19 49–20	0.32	14290	21 60–19	0.43	14370	19 88–20	0.34
13971	18 91–19	0.46	14051	20 76–20	0.39	14131	17 76–20	0.42	14211	18 74–20	0.37	14291	18 71–19	0.39	14371	18 88–20	0.36
13972	18 91–20	0.42	14052	17 91–20	0.37	14132	17 81–20	0.40	14212	21 87–19	0.35	14292	18 71–20	0.43	14372	21 82–20	0.40
13973	16 91–19	0.40	14053	16 91–19	0.35	14133	18 87–19	0.41	14213	22 77–20	0.32	14293	16 71–20	0.40	14373	22 70–19	0.41
13974	20 88–19	0.38	14054	15 91–19	0.41	14134	21 54–20	0.42	14214	20 91–20	0.41	14294	19 71–19	0.42	14374	18 76–20	0.47
13975	16 92–20	0.41	14055	19 89–19	0.39	14135	19 93–20	0.40	14215	18 77–19	0.39	14295	23 71–20	0.34	14375	22 76–20	0.38
13976	19 92–20	0.38	14056	18 91–19	0.47	14136	19 76–20	0.34	14216	21 53–20	0.32	14296	22 71–19	0.49	14376	22 81–20	0.34
13977	25 31–20	0.31	14057	18 94–19	0.38	14137	18 75–19	0.35	14217	20 79–20	0.39	14297	17 73–19	0.47	14377	20 89–20	0.37
13978	20 92–20	0.36	14058	21 50–20	0.38	14138	19 54–20	0.42	14218	20 51–20	0.42	14298	21 73–20	0.48	14378	22 81–20	0.35
13979	21 92–20	0.38	14059	17 83–19	0.47	14139	20 82–20	0.40	14219	21 92–20	0.39	14299	19 73–20	0.36	14379	20 76–20	0.34
13980	20 92–20	0.38	14060	17 94–19	0.45	14140	19 77–20	0.32	14220	20 90–20	0.33	14300	20 73–19	0.48	14380	22 55–20	0.36
13981	20 89–20	0.37	14061	18 93–19	0.40	14141	19 83–20	0.40	14221	19 80–20	0.36	14301	17 73–19	0.60	14381	17 90–20	0.46
13982	21 87–20	0.38	14062	18 77–19	0.39	14142	20 49–20	0.36	14222	16 82–20	0.36	14302	19 73–20	0.39	14382	22 78–20	0.40
13983	19 92–20	0.32	14063	21 85–19	0.40	14143	20 54–19	0.45	14223	22 66–20	0.39	14303	20 77–20	0.39	14383	20 79–19	0.60
13984	18 92–19	0.38	14064	16 94–20	0.41	14144	20 84–20	0.37	14224	19 87–19	0.46	14304	17 71–20	0.38	14384	22 79–20	0.39
13985	19 79–20	0.37	14065	20 86–20	0.34	14145	17 93–19	0.37	14225	19 91–20	0.41	14305	20 77–20	0.44	14385	19 90–20	0.38
13986	22 86–19	0.45	14066	17 81–19	0.44	14146	20 49–20	0.43	14226	18 92–19	0.39	14306	17 77–20	0.44	14386	17 54–20	0.42
13987	23 81–19	0.45	14067	18 91–20	0.38	14147	18 90–20	0.38	14227	24 84–20	0.36	14307	18 77–20	0.41	14387	20 89–20	0.42
13988	16 92–20	0.45	14068	18 96–20	0.36	14148	16 91–19	0.41	14228	18 89–19	0.44	14308	20 77–20	0.35	14388	19 90–20	0.43
13989	20 84–20	0.35	14069	20 92–19	0.47	14149	20 73–19	0.40	14229	19 83–20	0.37	14309	21 08–20	0.39	14389	21 72–20	0.40
13990	18 88–20	0.38	14070	21 78–20	0.35	14150	20 85–20	0.45	14230	19 69–20	0.35	14310	19 66–19	0.40	14390	22 73–20	0.37
13991	18 93–19	0.41	14071	20 96–20	0.40	14151	19 93–20	0.37	14231	19 81–19	0.44	14311	19 71–20	0.39	14391	22 86–20	0.42
13992	18 76–19	0.61	14072	20 86–19	0.46	14152	16 91–20	0.41	14232	18 87–20	0.32	14312	19 76–19	0.44	14392	18 90–19	0.49
13993	18 91–19	0.43	14073	20 82–20	0.41	14153	18 86–19	0.39	14233	20 93–20	0.29	14313	21 76–20	0.39	14393	19 90–20	0.43
13994	20 91–20	0.44	14074	20 96–20	0.36	14154	19 91–19	0.38	14234	18 92–20	0.39	14314	20 75–19	0.37	14394	20 90–20	0.34
13995	20 79–20	0.40	14075	20 91–20	0.42	14155	18 88–20	0.36	14235	21 91–20	0.42	14315	21 77–20	0.36	14395	17 89–19	0.47
13996	18 91–19	0.43	14076	19 96–20	0.35	14156	19 90–20	0.38	14236	22 72–19	0.36	14316	18 77–19	0.41	14396	21 90–20	0.42
13997	20 49–20	0.40	14077	20 89–20	0.39	14157	18 81–20	0.36	14237	21 87–20	0.38	14317	18 78–20	0.50	14397	21 86–20	0.41
13998	18 93–20	0.44	14078	18 91–20	0.40	14158	20 77–20	0.38	14238	22 55–20	0.34	14318	18 78–20	0.38	14398	19 90–19	0.48
13999	21 50–20	0.40	14079	17 91–19	0.44	14159	18 85–20	0.38	14239	23 78–20	0.39	14319	23 50–19	0.44	14399	17 90–19	0.45
14000	20 72–19	0.41	14080	19 76–19	0.42	14160	21 90–20	0.39	14240	18 84–19	0.51	14320	21 78–19	0.47	14400	17 90–18	0.48

№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms
		″			″			″			″			″			″
14401	18 90–20	0.33	14481	19 51–20	0.39	14561	20 71–19	0.43	14641	18 88–20	0.39	14721	19 48–20	0.37	14801	19 80–20	0.35
14402	9 91–20	0.49	14482	18 87–20	0.39	14562	21 91–20	0.36	14642	19 87–20	0.39	14722	19 77–20	0.41	14802	19 81–19	0.42
14403	19 91–19	0.40	14483	17 94–19	0.37	14563	19 89–19	0.41	14643	19 89–20	0.40	14723	18 83–19	0.45	14803	18 81–20	0.46
14404	18 91–20	0.42	14484	19 93–20	0.46	14564	22 77–20	0.39	14644	18 79–19	0.47	14724	23 91–20	0.39	14804	20 78–19	0.45
14405	19 91–20	0.37	14485	18 72–19	0.43	14565	19 95–20	0.42	14645	20 82–19	0.39	14725	17 86–19	0.42	14805	18 49–19	0.41
14406	20 89–20	0.37	14486	18 93–19	0.40	14566	20 90–20	0.33	14646	22 93–20	0.43	14726	23 54–20	0.34	14806	21 81–20	0.43
14407	22 76–20	0.40	14487	18 94–19	0.37	14567	19 77–20	0.40	14647	22 76–20	0.30	14727	18 60–20	0.38	14807	19 78–19	0.42
14408	23 86–20	0.36	14488	21 64–20	0.37	14568	19 91–20	0.38	14648	19 90–20	0.38	14728	19 77–20	0.40	14808	20 78–19	0.40
14409	21 53–19	0.53	14489	19 53–19	0.44	14569	19 74–20	0.44	14649	19 74–20	0.31	14729	21 77–19	0.42	14809	17 81–19	0.49
14410	20 91–20	0.32	14490	20 86–19	0.40	14570	19 87–20	0.40	14650	21 82–20	0.37	14730	22 81–19	0.43	14810	21 78–19	0.39
14411	20 57–20	0.38	14491	18 72–18	0.40	14571	19 90–20	0.30	14651	21 83–20	0.37	14731	20 78–20	0.36	14811	22 54–19	0.53
14412	18 91–20	0.39	14492	22 71–20	0.43	14572	18 81–20	0.37	14652	22 91–20	0.36	14732	21 91–20	0.42	14812	19 81–19	0.38
14413	20 77–20	0.40	14493	18 94–19	0.44	14573	17 91–20	0.40	14653	19 55–20	0.34	14733	20 89–20	0.44	14813	17 81–20	0.41
14414	19 81–20	0.39	14494	20 91–20	0.34	14574	16 77–20	0.51	14654	22 55–19	0.39	14734	19 73–20	0.45	14814	19 81–20	0.48
14415	21 86–20	0.40	14495	19 89–19	0.40	14575	18 93–20	0.37	14655	19 92–19	0.47	14735	19 91–20	0.35	14815	19 81–19	0.42
14416	18 77–20	0.46	14496	20 88–19	0.49	14576	20 89–20	0.38	14656	20 91–20	0.38	14736	20 76–20	0.40	14816	19 81–20	0.40
14417	19 91–20	0.43	14497	19 88–20	0.32	14577	22 55–20	0.32	14657	19 75–20	0.29	14737	17 69–20	0.38	14817	20 82–20	0.42
14418	17 81–20	0.36	14498	22 83–19	0.45	14578	22 92–20	0.30	14658	21 91–20	0.32	14738	19 83–20	0.37	14818	23 82–20	0.40
14419	19 91–20	0.41	14499	21 54–20	0.35	14579	20 79–20	0.37	14659	18 55–20	0.34	14739	23 87–20	0.30	14819	22 82–20	0.39
14420	21 91–20	0.32	14500	17 93–20	0.36	14580	18 90–20	0.43	14660	21 91–20	0.35	14740	21 81–20	0.38	14820	17 82–19	0.46
14421	20 91–20	0.37	14501	18 88–20	0.41	14581	18 86–19	0.41	14661	21 87–19	0.44	14741	18 62–20	0.30	14821	17 82–19	0.37
14422	20 91–20	0.40	14502	16 95–20	0.41	14582	19 81–20	0.35	14662	22 52–20	0.37	14742	22 81–20	0.39	14822	21 84–20	0.43
14423	17 91–20	0.41	14503	16 95–20	0.43	14583	20 49–20	0.43	14663	22 82–20	0.39	14743	20 60–20	0.38	14823	19 84–20	0.38
14424	20 83–20	0.37	14504	17 93–19	0.46	14584	18 95–20	0.35	14664	19 77–20	0.36	14744	20 60–19	0.39	14824	18 85–19	0.41
14425	21 68–19	0.36	14505	18 42–19	0.36	14585	16 83–19	0.41	14665	20 50–20	0.31	14745	18 60–19	0.47	14825	23 73–20	0.37
14426	21 84–20	0.39	14506	18 84–20	0.36	14586	15 90–20	0.42	14666	20 95–20	0.32	14746	17 60–19	0.43	14826	22 31–20	0.42
14427	19 91–20	0.42	14507	18 94–19	0.43	14587	18 90–20	0.43	14667	23 81–20	0.38	14747	22 60–20	0.42	14827	4 86–19	0.80
14428	23 91–20	0.35	14508	18 93–20	0.35	14588	17 93–19	0.44	14668	21 55–20	0.28	14748	19 60–20	0.39	14828	18 86–19	0.44
14429	15 91–19	0.38	14509	18 96–19	0.48	14589	17 77–19	0.44	14669	24 72–20	0.40	14749	22 54–20	0.36	14829	19 86–20	0.35
14430	20 92–19	0.34	14510	21 05–20	0.33	14590	17 95–19	0.37	14670	23 82–20	0.36	14750	17 60–20	0.39	14830	19 86–20	0.35
14431	18 90–19	0.38	14511	18 90–19	0.40	14591	17 93–19	0.48	14671	21 81–20	0.40	14751	21 60–20	0.39	14831	20 87–20	0.33
14432	19 86–19	0.42	14512	17 87–20	0.38	14592	19 93–19	0.44	14672	19 94–19	0.47	14752	20 60–20	0.38	14832	17 87–20	0.39
14433	19 82–19	0.45	14513	18 76–20	0.40	14593	16 91–20	0.39	14673	21 78–19	0.40	14753	20 60–19	0.45	14833	21 55–20	0.40
14434	21 85–20	0.38	14514	21 60–20	0.47	14594	17 84–20	0.35	14674	21 91–20	0.40	14754	18 60–20	0.40	14834	18 87–20	0.39
14435	20 90–20	0.48	14515	21 71–20	0.31	14595	16 86–20	0.42	14675	18 73–19	0.41	14755	18 60–19	0.36	14835	19 87–20	0.31
14436	20 92–20	0.36	14516	22 76–20	0.42	14596	18 80–19	0.40	14676	20 92–20	0.30	14756	19 60–20	0.36	14836	21 84–20	0.39
14437	21 69–20	0.37	14517	19 96–19	0.36	14597	19 89–19	0.45	14677	19 82–19	0.50	14757	20 60–20	0.47	14837	20 79–20	0.41
14438	21 92–20	0.44	14518	17 96–19	0.36	14598	19 76–19	0.41	14678	22 82–20	0.40	14758	18 60–20	0.36	14838	20 88–20	0.41
14439	21 92–20	0.38	14519	22 82–19	0.41	14599	18 78–20	0.39	14679	19 91–20	0.42	14759	20 53–20	0.37	14839	19 88–20	0.36
14440	20 92–20	0.45	14520	18 94–20	0.38	14600	17 60–20	0.41	14680	20 92–20	0.35	14760	19 60–19	0.41	14840	18 88–19	0.44
14441	22 83–20	0.40	14521	18 87–20	0.34	14601	20 80–20	0.40	14681	20 93–19	0.43	14761	14 60–19	0.46	14841	18 81–20	0.47
14442	19 92–20	0.38	14522	17 90–20	0.46	14602	17 71–19	0.43	14682	19 95–20	0.37	14762	19 60–19	0.41	14842	22 79–20	0.33
14443	22 87–20	0.41	14523	18 93–20	0.38	14603	20 80–19	0.43	14683	19 77–20	0.41	14763	18 60–20	0.40	14843	19 81–20	0.43
14444	19 85–19	0.59	14524	22 92–20	0.39	14604	19 76–19	0.41	14684	22 66–20	0.39	14764	17 60–19	0.35	14844	18 88–20	0.37
14445	22 71–20	0.36	14525	18 91–20	0.41	14605	17 81–20	0.37	14685	21 87–19	0.36	14765	18 60–19	0.43	14845	20 51–20	0.43
14446	21 82–20	0.32	14526	19 90–19	0.45	14606	20 79–20	0.42	14686	20 76–19	0.57	14766	21 60–19	0.40	14846	19 53–19	0.40
14447	20 92–20	0.36	14527	18 91–20	0.45	14607	17 90–20	0.33	14687	20 33–20	0.37	14767	20 71–20	0.41	14847	16 89–20	0.47
14448	20 81–20	0.40	14528	19 93–20	0.41	14608	17 87–19	0.58	14688	18 71–20	0.38	14768	19 71–20	0.38	14848	20 89–20	0.45
14449	19 78–19	0.39	14529	19 93–20	0.41	14609	18 85–19	0.42	14689	22 55–19	0.38	14769	18 71–19	0.48	14849	17 79–20	0.46
14450	19 92–20	0.34	14530	17 86–19	0.39	14610	18 79–19	0.38	14690	22 86–20	0.39	14770	17 71–19	0.41	14850	18 89–20	0.41
14451	21 76–20	0.33	14531	18 93–19	0.43	14611	19 71–20	0.43	14691	22 55–20	0.25	14771	22 71–20	0.40	14851	19 89–20	0.42
14452	20 91–20	0.39	14532	19 93–20	0.40	14612	20 74–19	0.38	14692	22 74–20	0.32	14772	21 71–20	0.45	14852	21 81–20	0.44
14453	21 76–20	0.38	14533	22 84–20	0.35	14613	21 36–19	0.46	14693	19 75–19	0.43	14773	19 71–20	0.42	14853	20 89–20	0.41
14454	17 91–20	0.38	14534	19 88–20	0.45	14614	19 60–20	0.39	14694	19 81–20	0.38	14774	21 71–20	0.39	14854	17 89–20	0.40
14455	21 87–20	0.37	14535	20 88–19	0.40	14615	20 87–19	0.42	14695	19 53–19	0.34	14775	19 73–19	0.38	14855	21 89–20	0.40
14456	20 90–20	0.39	14536	20 96–20	0.45	14616	21 82–20	0.39	14696	22 77–20	0.36	14776	21 73–20	0.42	14856	18 89–20	0.39
14457	21 77–20	0.37	14537	19 93–20	0.44	14617	20 87–20	0.37	14697	22 84–20	0.35	14777	17 73–20	0.44	14857	21 89–20	0.33
14458	18 93–20	0.38	14538	20 92–20	0.40	14618	21 76–20	0.35	14698	19 60–19	0.40	14778	21 73–20	0.42	14858	19 89–20	0.31
14459	20 87–20	0.41	14539	21 60–20	0.44	14619	17 80–20	0.34	14699	21 70–20	0.36	14779	24 73–20	0.37	14859	20 72–20	0.31
14460	18 93–20	0.35	14540	20 77–20	0.40	14620	19 77–19	0.44	14700	21 80–20	0.38	14780	21 54–20	0.35	14860	17 89–19	0.45
14461	18 90–20	0.36	14541	20 87–19	0.36	14621	19 83–20	0.44	14701	20 76–20	0.41	14781	21 77–20	0.38	14861	20 88–19	0.47
14462	17 71–19	0.44	14542	17 96–20	0.34	14622	20 81–19	0.42	14702	21 88–20	0.32	14782	18 77–19	0.38	14862	18 90–19	0.41
14463	18 93–20	0.38	14543	18 95–20	0.39	14623	18 91–19	0.43	14703	18 92–20	0.38	14783	21 77–20	0.39	14863	18 90–20	0.34
14464	18 76–20	0.39	14544	20 86–20	0.33	14624	17 89–19	0.44	14704	16 94–19	0.43	14784	19 77–20	0.39	14864	19 90–19	0.43
14465	20 55–19	0.33	14545	21 94–20	0.34	14625	20 51–20	0.26	14705	20 79–20	0.32	14785	18 77–19	0.42	14865	20 90–20	0.42
14466	18 51–20	0.44	14546	19 71–20	0.45	14626	18 81–19	0.40	14706	19 71–20	0.31	14786	19 77–20	0.42	14866	20 90–20	0.39
14467	18 86–20	0.35	14547	19 91–20	0.35	14627	19 54–20	0.33	14707	23 77–19	0.44	14787	20 77–20	0.37	14867	21 90–20	0.36
14468	21 90–19	0.43	14548	19 86–20	0.34	14628	19 81–20	0.43	14708	20 78–20	0.41	14788	21 77–20	0.41	14868	20 89–20	0.40
14469	19 91–20	0.35	14549	19 76–20	0.35	14629	19 82–20	0.41	14709	20 91–19	0.40	14789	24 69–20	0.35	14869	18 71–20	0.41
14470	18 93–20	0.37	14550	19 72–20	0.40	14630	20 83–20	0.29	14710	18 84–20	0.38	14790	23 17–20	0.38	14870	19 90–19	0.37
14471	21 89–20	0.32	14551	21 83–19	0.51	14631	22 71–20	0.41	14711	18 79–19	0.40	14791	22 73–19	0.41	14871	23 54–19	0.42
14472	16 85–19	0.42	14552	20 71–19	0.41	14632	20 76–19	0.41	14712	20 87–20	0.30	14792	21 73–19	0.41	14872	24 71–20	0.42
14473	20 91–19	0.42	14553	21 87–20	0.39	14633	21 80–20	0.37	14713	19 93–20	0.33	14793	17 75–19	0.46	14873	18 90–19	0.61
14474	21 93–20	0.43	14554	20 91–20	0.36	14634	16 81–19	0.45	14714	22 86–20	0.40	14794	21 76–20	0.34	14874	18 90–20	0.38
14475	20 93–20	0.44	14555	21 91–20	0.33	14635	22 53–19	0.44	14715	20 88–20	0.40	14795	22 77–20	0.42	14875	20 49–20	0.44
14476	21 82–20	0.34	14556	19 85–19	0.41	14636	18 83–19	0.39	14716	23 69–19	0.41	14796	19 77–19	0.37	14876	21 90–20	0.40
14477	18 73–20	0.40	14557	18 95–20	0.39	14637	21 80–20	0.38	14717	21 83–19	0.38	14797	24 77–20	0.39	14877	23 50–20	0.37
14478	21 71–19	0.44	14558	21 82–20	0.34	14638	18 93–19	0.39	14718	16 79–19	0.41	14798	18 78–19	0.41	14878	20 86–19	0.47
14479	19 94–20	0.40	14559	19 89–20	0.36	14639	21 85–20	0.32	14719	18 80–20	0.37	14799	19 79–20	0.39	14879	19 85–20	0.36
14480	19 90–20	0.40	14560	20 96–19	0.44	14640	22 85–20	0.40	14720	18 80–20	0.25	14800	18 79–20	0.39	14880	20 91–20	0.40

№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms
		″			″			″			″			″			″
14881	21 78–20	0.46	14961	21 78–19	0.39	15041	19 84–20	0.40	15121	20 87–19	0.43	15201	20 76–20	0.36	15281	21 91–20	0.45
14882	21 80–20	0.42	14962	20 76–20	0.31	15042	17 79–19	0.43	15122	18 81–19	0.35	15202	22 77–19	0.45	15282	20 81–20	0.42
14883	21 75–20	0.41	14963	20 90–20	0.35	15043	20 77–20	0.38	15123	22 86–20	0.37	15203	18 78–19	0.43	15283	18 51–20	0.37
14884	17 88–20	0.41	14964	20 90–20	0.38	15044	21 91–20	0.38	15124	22 93–20	0.37	15204	20 78–19	0.40	15284	17 86–20	0.35
14885	21 80–20	0.29	14965	19 89–20	0.39	15045	20 91–19	0.40	15125	23 80–19	0.40	15205	19 78–19	0.43	15285	19 91–20	0.36
14886	21 68–20	0.43	14966	18 90–20	0.40	15046	22 65–19	0.44	15126	18 77–20	0.39	15206	20 78–20	0.46	15286	18 91–20	0.40
14887	25 86–19	0.40	14967	19 81–20	0.39	15047	20 90–20	0.40	15127	20 76–20	0.32	15207	23 79–20	0.29	15287	19 88–19	0.40
14888	21 51–20	0.45	14968	20 87–20	0.41	15048	17 79–19	0.38	15128	19 60–19	0.47	15208	22 79–20	0.38	15288	21 54–19	0.51
14889	21 91–20	0.40	14969	19 49–20	0.38	15049	19 96–20	0.34	15129	20 72–19	0.48	15209	20 79–20	0.38	15289	18 91–19	0.45
14890	18 91–20	0.37	14970	19 89–19	0.43	15050	21 90–20	0.34	15130	22 73–20	0.40	15210	22 77–20	0.44	15290	21 91–20	0.34
14891	18 91–20	0.39	14971	18 83–20	0.39	15051	19 81–20	0.44	15131	20 79–20	0.38	15211	18 79–20	0.40	15291	18 91–20	0.37
14892	21 68–20	0.37	14972	19 93–19	0.42	15052	23 80–20	0.41	15132	17 93–19	0.48	15212	20 79–20	0.38	15292	20 85–20	0.39
14893	20 86–20	0.39	14973	20 84–19	0.43	15053	17 91–20	0.41	15133	19 78–20	0.42	15213	19 80–20	0.34	15293	17 54–19	0.45
14894	19 92–20	0.41	14974	19 91–20	0.39	15054	20 91–20	0.30	15134	19 71–19	0.43	15214	20 54–19	0.42	15294	18 53–19	0.39
14895	20 53–19	0.42	14975	19 91–19	0.39	15055	18 96–19	0.45	15135	20 93–20	0.35	15215	20 78–20	0.41	15295	17 91–19	0.48
14896	13 92–19	0.41	14976	18 91–20	0.33	15056	22 86–20	0.37	15136	21 82–19	0.34	15216	19 78–19	0.36	15296	17 92–19	0.40
14897	20 92–20	0.38	14977	19 82–20	0.38	15057	17 71–19	0.41	15137	18 93–20	0.32	15217	18 77–19	0.39	15297	21 53–20	0.37
14898	20 92–20	0.35	14978	19 95–20	0.38	15058	20 92–20	0.39	15138	17 95–19	0.39	15218	18 81–19	0.61	15298	20 86–20	0.41
14899	20 92–20	0.38	14979	18 93–20	0.37	15059	20 83–19	0.45	15139	19 93–19	0.39	15219	18 77–19	0.40	15299	17 92–19	0.44
14900	19 92–20	0.37	14980	19 92–20	0.40	15060	17 72–20	0.38	15140	18 92–19	0.39	15220	23 69–20	0.39	15300	20 92–19	0.45
14901	19 87–20	0.34	14981	22 80–20	0.42	15061	21 81–20	0.35	15141	19 93–20	0.38	15221	19 81–20	0.40	15301	20 92–19	0.43
14902	22 82–20	0.32	14982	18 90–20	0.41	15062	20 55–20	0.34	15142	23 84–19	0.37	15222	22 82–20	0.36	15302	20 56–20	0.31
14903	20 90–20	0.40	14983	18 96–20	0.45	15063	21 72–20	0.43	15143	21 91–20	0.31	15223	20 80–20	0.36	15303	20 92–20	0.34
14904	20 54–20	0.37	14984	20 80–20	0.36	15064	20 91–20	0.41	15144	19 93–20	0.39	15224	19 70–19	0.39	15304	21 29–19	0.44
14905	18 93–20	0.36	14985	20 96–20	0.41	15065	17 83–19	0.41	15145	19 90–20	0.40	15225	22 74–20	0.40	15305	20 69–20	0.40
14906	18 90–19	0.39	14986	21 90–20	0.37	15066	22 77–20	0.37	15146	20 96–20	0.47	15226	19 86–20	0.35	15306	18 92–19	0.40
14907	19 90–19	0.45	14987	18 94–19	0.40	15067	20 89–20	0.40	15147	19 86–19	0.41	15227	20 86–20	0.37	15307	18 51–20	0.40
14908	18 93–20	0.40	14988	20 29–20	0.33	15068	16 91–19	0.41	15148	17 81–20	0.36	15228	18 87–19	0.41	15308	18 93–19	0.45
14909	19 93–20	0.35	14989	19 96–20	0.37	15069	19 76–20	0.38	15149	18 79–20	0.40	15229	20 87–20	0.39	15309	20 78–20	0.49
14910	20 89–20	0.35	14990	21 92–20	0.40	15070	20 74–20	0.40	15150	17 91–20	0.41	15230	19 87–20	0.43	15310	19 83–20	0.41
14911	21 85–20	0.42	14991	22 77–20	0.44	15071	21 53–20	0.37	15151	24 71–20	0.41	15231	25 87–20	0.30	15311	18 93–20	0.38
14912	19 85–20	0.32	14992	18 77–20	0.40	15072	18 90–19	0.45	15152	20 76–19	0.40	15232	17 51–19	0.44	15312	20 54–20	0.41
14913	20 91–19	0.51	14993	22 75–20	0.39	15073	20 79–20	0.37	15153	22 81–20	0.36	15233	19 87–19	0.44	15313	15 93–20	0.37
14914	20 93–20	0.44	14994	22 55–19	0.38	15074	20 92–20	0.41	15154	19 83–20	0.37	15234	20 51–19	0.37	15314	19 89–19	0.40
14915	21 72–20	0.40	14995	20 91–20	0.36	15075	19 90–19	0.43	15155	20 69–19	0.43	15235	21 50–20	0.37	15315	18 90–20	0.39
14916	19 93–19	0.33	14996	19 93–20	0.40	15076	26 54–20	0.42	15156	20 91–20	0.37	15236	19 88–20	0.38	15316	20 92–20	0.38
14917	20 87–20	0.38	14997	21 71–20	0.36	15077	21 92–20	0.40	15157	18 93–20	0.37	15237	20 51–20	0.37	15317	19 89–20	0.38
14918	20 94–20	0.34	14998	21 78–20	0.40	15078	21 82–20	0.37	15158	19 92–20	0.40	15238	18 89–20	0.40	15318	20 53–20	0.29
14919	19 83–19	0.39	14999	18 91–20	0.28	15079	21 92–20	0.39	15159	21 90–20	0.43	15239	21 89–20	0.38	15319	19 93–20	0.36
14920	18 94–20	0.38	15000	20 60–19	0.42	15080	20 79–19	0.45	15160	16 60–20	0.40	15240	18 89–19	0.45	15320	20 84–20	0.39
14921	19 76–20	0.39	15001	18 87–20	0.40	15081	20 87–20	0.40	15161	23 50–20	0.24	15241	19 89–20	0.42	15321	18 93–20	0.31
14922	20 82–20	0.40	15002	19 91–19	0.45	15082	22 79–20	0.33	15162	18 91–19	0.42	15242	20 89–20	0.34	15322	19 93–20	0.35
14923	20 51–20	0.33	15003	20 86–20	0.35	15083	21 49–20	0.39	15163	21 69–19	0.39	15243	19 89–20	0.40	15323	20 93–20	0.44
14924	20 93–20	0.44	15004	19 79–20	0.34	15084	19 91–20	0.38	15164	19 77–19	0.44	15244	20 89–20	0.40	15324	21 93–20	0.41
14925	20 77–20	0.45	15005	21 85–20	0.45	15085	22 74–20	0.36	15165	18 81–20	0.34	15245	22 89–20	0.43	15325	19 93–19	0.44
14926	21 80–20	0.40	15006	22 88–20	0.40	15086	19 91–19	0.39	15166	20 80–20	0.34	15246	23 55–20	0.40	15326	19 92–19	0.45
14927	19 93–20	0.40	15007	21 53–20	0.39	15087	20 91–20	0.35	15167	19 90–20	0.39	15247	21 60–20	0.40	15327	20 50–19	0.39
14928	21 75–19	0.41	15008	18 76–20	0.39	15088	18 90–20	0.33	15168	19 60–19	0.43	15248	22 89–20	0.45	15328	19 92–19	0.45
14929	20 93–20	0.38	15009	15 79–19	0.49	15089	19 72–20	0.37	15169	19 60–20	0.40	15249	25 49–20	0.36	15329	19 90–19	0.45
14930	21 92–20	0.38	15010	22 54–19	0.40	15090	21 76–20	0.39	15170	17 60–19	0.36	15250	18 90–20	0.40	15330	18 80–20	0.38
14931	19 94–20	0.30	15011	19 81–20	0.37	15091	20 96–19	0.41	15171	19 60–20	0.40	15251	17 90–19	0.40	15331	18 93–20	0.42
14932	18 91–20	0.43	15012	19 91–20	0.35	15092	22 75–20	0.35	15172	22 60–20	0.36	15252	20 82–20	0.42	15332	20 83–20	0.35
14933	20 87–20	0.36	15013	21 72–20	0.37	15093	18 53–19	0.43	15173	21 60–20	0.35	15253	18 90–20	0.37	15333	20 53–20	0.31
14934	21 92–20	0.40	15014	16 80–20	0.37	15094	22 51–19	0.41	15174	20 60–20	0.34	15254	20 79–20	0.38	15334	19 89–19	0.34
14935	18 89–20	0.31	15015	18 90–20	0.38	15095	20 50–20	0.40	15175	19 60–20	0.42	15255	20 90–20	0.42	15335	18 93–20	0.31
14936	20 95–20	0.25	15016	17 95–19	0.38	15096	24 75–20	0.36	15176	18 60–19	0.47	15256	22 85–20	0.35	15336	19 80–20	0.40
14937	21 93–20	0.42	15017	18 91–20	0.48	15097	21 78–20	0.33	15177	21 60–20	0.38	15257	21 90–20	0.40	15337	20 53–19	0.40
14938	19 78–19	0.33	15018	17 73–19	0.43	15098	17 52–20	0.43	15178	20 60–20	0.40	15258	21 90–20	0.37	15338	20 94–20	0.40
14939	18 95–19	0.45	15019	19 78–20	0.40	15099	17 51–19	0.45	15179	20 60–20	0.37	15259	18 90–19	0.46	15339	18 94–20	0.39
14940	24 53–20	0.34	15020	18 93–19	0.42	15100	18 93–20	0.35	15180	20 60–19	0.42	15260	19 90–20	0.42	15340	19 94–20	0.35
14941	18 93–19	0.48	15021	18 71–19	0.46	15101	25 50–20	0.37	15181	20 60–20	0.39	15261	23 79–20	0.39	15341	23 89–19	0.44
14942	20 91–19	0.41	15022	18 92–19	0.44	15102	22 79–20	0.41	15182	21 60–20	0.37	15262	21 78–20	0.39	15342	20 88–20	0.39
14943	18 95–20	0.43	15023	20 87–19	0.40	15103	21 53–20	0.36	15183	18 71–19	0.48	15263	20 74–19	0.42	15343	17 91–20	0.46
14944	19 93–20	0.37	15024	19 79–20	0.40	15104	22 89–20	0.35	15184	23 71–19	0.43	15264	20 88–19	0.46	15344	19 81–20	0.46
14945	18 91–19	0.39	15025	21 55–19	0.45	15105	19 75–20	0.36	15185	19 71–20	0.36	15265	18 49–19	0.37	15345	20 58–19	0.47
14946	18 88–20	0.41	15026	18 90–20	0.37	15106	21 86–19	0.43	15186	19 73–20	0.42	15266	19 90–20	0.46	15346	20 80–20	0.38
14947	17 87–20	0.34	15027	18 77–20	0.34	15107	19 91–20	0.36	15187	19 73–20	0.39	15267	18 79–19	0.39	15347	18 94–20	0.36
14948	19 87–20	0.35	15028	17 94–20	0.42	15108	20 79–20	0.42	15188	21 73–19	0.48	15268	21 79–20	0.38	15348	18 87–20	0.47
14949	18 79–20	0.41	15029	18 90–19	0.42	15109	18 76–19	0.40	15189	20 73–20	0.40	15269	22 83–20	0.25	15349	21 91–20	0.38
14950	21 79–20	0.35	15030	18 91–20	0.42	15110	20 79–20	0.35	15190	22 73–20	0.41	15270	20 53–20	0.35	15350	18 94–19	0.43
14951	18 84–20	0.32	15031	18 80–19	0.42	15111	19 84–19	0.42	15191	25 71–20	0.37	15271	19 91–20	0.41	15351	17 79–19	0.42
14952	20 86–20	0.42	15032	19 54–19	0.44	15112	19 79–20	0.38	15192	20 73–20	0.42	15272	20 91–20	0.34	15352	19 90–19	0.47
14953	18 89–20	0.42	15033	22 51–19	0.43	15113	20 78–20	0.38	15193	20 73–20	0.36	15273	20 91–20	0.36	15353	18 94–20	0.41
14954	17 80–19	0.49	15034	17 96–19	0.46	15114	24 78–20	0.35	15194	17 77–20	0.38	15274	19 91–20	0.36	15354	22 75–19	0.49
14955	17 96–19	0.44	15035	19 87–19	0.37	15115	18 96–19	0.39	15195	21 77–20	0.45	15275	20 79–20	0.42	15355	20 76–19	0.39
14956	17 96–19	0.61	15036	19 90–20	0.36	15116	20 79–19	0.40	15196	19 77–20	0.33	15276	21 51–19	0.32	15356	20 88–20	0.33
14957	20 95–20	0.40	15037	21 85–20	0.32	15117	23 82–20	0.36	15197	20 60–20	0.35	15277	22 72–20	0.41	15357	20 95–20	0.38
14958	20 89–20	0.36	15038	18 79–19	0.41	15118	16 93–19	0.40	15198	18 40–20	0.33	15278	21 53–20	0.35	15358	18 95–19	0.44
14959	20 78–19	0.38	15039	17 94–19	0.44	15119	18 92–20	0.38	15199	20 51–20	0.33	15279	17 77–19	0.43	15359	20 91–19	0.45
14960	20 95–20	0.40	15040	23 50–20	0.35	15120	18 60–20	0.36	15200	22 75–20	0.41	15280	21 52–20	0.38	15360	18 93–19	0.34

№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms
		″			″			″			″			″			″
15361	19 92–20	0.45	15441	18 91–19	0.42	15521	24 55–19	0.48	15601	19 86–19	0.41	15681	20 81–20	0.35	15761	24 55–20	0.33
15362	18 76–20	0.32	15442	20 51–19	0.46	15522	21 51–19	0.41	15602	21 60–19	0.41	15682	22 81–20	0.41	15762	19 92–19	0.47
15363	20 90–20	0.42	15443	18 91–20	0.37	15523	21 90–20	0.32	15603	20 91–19	0.40	15683	21 81–20	0.40	15763	19 92–20	0.38
15364	19 93–19	0.41	15444	21 90–20	0.34	15524	20 53–19	0.34	15604	19 76–20	0.40	15684	21 51–20	0.40	15764	21 53–20	0.34
15365	20 31–20	0.48	15445	20 54–20	0.38	15525	20 54–20	0.35	15605	19 89–20	0.32	15685	19 77–20	0.37	15765	19 46–20	0.38
15366	19 96–20	0.48	15446	17 50–20	0.37	15526	20 50–20	0.42	15606	18 91–19	0.41	15686	20 77–20	0.42	15766	22 92–20	0.37
15367	18 86–19	0.45	15447	18 93–20	0.41	15527	27 55–19	0.37	15607	21 81–20	0.40	15687	19 81–20	0.36	15767	20 93–20	0.42
15368	19 77–20	0.42	15448	19 87–20	0.34	15528	19 92–20	0.37	15608	18 84–20	0.46	15688	19 81–20	0.33	15768	18 93–19	0.45
15369	21 84–20	0.37	15449	19 81–20	0.35	15529	25 53–20	0.43	15609	19 90–20	0.39	15689	19 81–20	0.32	15769	19 87–20	0.39
15370	19 96–20	0.42	15450	21 82–20	0.36	15530	17 78–19	0.42	15610	20 91–20	0.40	15690	19 82–20	0.36	15770	20 90–20	0.39
15371	20 91–20	0.42	15451	21 85–20	0.31	15531	18 86–20	0.35	15611	20 90–19	0.37	15691	17 82–20	0.45	15771	22 92–20	0.39
15372	22 92–20	0.40	15452	19 86–19	0.43	15532	21 31–20	0.36	15612	22 91–20	0.43	15692	19 76–20	0.33	15772	23 89–20	0.41
15373	20 96–20	0.40	15453	21 84–20	0.40	15533	20 78–19	0.32	15613	20 42–20	0.34	15693	21 84–20	0.33	15773	19 93–20	0.41
15374	18 50–20	0.38	15454	23 80–20	0.35	15534	22 49–20	0.34	15614	23 89–20	0.40	15694	23 85–20	0.37	15774	21 90–20	0.42
15375	18 50–20	0.40	15455	18 87–20	0.36	15535	23 80–20	0.38	15615	24 55–20	0.36	15695	19 85–20	0.38	15775	18 93–20	0.39
15376	21 79–20	0.34	15456	19 93–20	0.40	15536	21 55–19	0.43	15616	23 77–20	0.40	15696	19 86–20	0.42	15776	20 87–20	0.35
15377	19 91–20	0.37	15457	20 95–19	0.37	15537	23 70–19	0.39	15617	19 73–20	0.40	15697	20 86–20	0.40	15777	21 51–20	0.31
15378	20 73–20	0.37	15458	21 75–19	0.42	15538	19 80–20	0.37	15618	19 94–19	0.48	15698	21 86–19	0.38	15778	18 83–20	0.45
15379	20 93–20	0.41	15459	21 94–20	0.44	15539	22 53–19	0.30	15619	21 88–20	0.41	15699	20 86–20	0.43	15779	19 54–20	0.28
15380	18 94–20	0.39	15460	20 50–20	0.36	15540	25 54–19	0.37	15620	19 92–19	0.43	15700	17 54–20	0.44	15780	21 53–20	0.32
15381	19 88–20	0.36	15461	17 91–19	0.40	15541	19 81–19	0.39	15621	23 75–20	0.33	15701	21 72–20	0.40	15781	21 79–20	0.32
15382	18 94–20	0.38	15462	20 92–20	0.43	15542	17 77–19	0.41	15622	20 93–20	0.37	15702	20 87–20	0.32	15782	20 85–20	0.39
15383	18 93–20	0.36	15463	20 79–19	0.39	15543	18 60–19	0.35	15623	19 53–20	0.36	15703	20 54–19	0.43	15783	28 78–20	0.36
15384	21 94–20	0.41	15464	18 87–20	0.39	15544	19 92–20	0.41	15624	20 83–19	0.42	15704	19 54–20	0.40	15784	18 93–20	0.33
15385	19 76–20	0.35	15465	19 88–20	0.41	15545	20 84–19	0.37	15625	18 96–20	0.35	15705	19 88–19	0.40	15785	21 93–19	0.40
15386	19 92–20	0.39	15466	20 84–20	0.37	15546	19 92–20	0.37	15626	21 92–20	0.39	15706	19 78–20	0.42	15786	16 53–20	0.27
15387	17 96–19	0.36	15467	21 92–20	0.38	15547	18 51–19	0.43	15627	19 93–20	0.43	15707	20 83–20	0.37	15787	21 92–19	0.36
15388	20 82–20	0.42	15468	22 82–20	0.42	15548	19 80–20	0.42	15628	21 78–20	0.41	15708	25 72–20	0.45	15788	18 94–19	0.24
15389	18 96–19	0.44	15469	20 91–20	0.46	15549	19 50–20	0.34	15629	19 92–20	0.41	15709	21 88–20	0.41	15789	10 93–09	0.64
15390	19 93–20	0.37	15470	19 79–18	0.46	15550	20 96–20	0.36	15630	17 91–20	0.38	15710	21 83–20	0.36	15790	20 82–20	0.38
15391	20 93–19	0.51	15471	20 76–20	0.37	15551	20 79–20	0.40	15631	21 92–20	0.32	15711	20 89–20	0.45	15791	19 91–20	0.39
15392	19 90–20	0.46	15472	21 73–19	0.40	15552	18 54–20	0.36	15632	18 90–20	0.37	15712	19 89–20	0.36	15792	18 84–19	0.38
15393	19 49–20	0.34	15473	20 76–20	0.30	15553	20 91–20	0.38	15633	19 53–20	0.30	15713	22 89–20	0.44	15793	21 81–19	0.43
15394	18 92–20	0.38	15474	22 80–20	0.40	15554	18 79–19	0.38	15634	20 42–20	0.38	15714	24 69–20	0.43	15794	18 93–20	0.41
15395	19 91–19	0.39	15475	20 55–20	0.38	15555	19 92–20	0.34	15635	19 92–19	0.39	15715	21 85–20	0.50	15795	19 78–20	0.39
15396	18 95–20	0.32	15476	21 87–20	0.41	15556	20 79–20	0.36	15636	18 97–19	0.39	15716	21 50–20	0.37	15796	18 93–20	0.41
15397	18 89–20	0.38	15477	19 94–19	0.41	15557	22 78–20	0.42	15637	20 80–20	0.35	15717	22 83–20	0.33	15797	18 93–20	0.33
15398	22 55–20	0.37	15478	19 82–20	0.40	15558	21 71–20	0.35	15638	25 50–20	0.36	15718	19 54–20	0.34	15798	18 89–20	0.42
15399	20 91–20	0.40	15479	18 90–19	0.41	15559	18 93–20	0.36	15639	20 60–19	0.44	15719	20 90–20	0.31	15799	20 93–20	0.27
15400	19 81–20	0.39	15480	20 96–20	0.33	15560	23 77–20	0.41	15640	21 60–20	0.36	15720	21 90–19	0.42	15800	21 86–20	0.34
15401	19 76–20	0.47	15481	20 49–20	0.43	15561	19 82–19	0.41	15641	18 60–20	0.42	15721	21 87–20	0.38	15801	17 94–19	0.45
15402	20 95–20	0.38	15482	19 91–20	0.43	15562	19 85–20	0.31	15642	16 60–20	0.40	15722	22 69–20	0.40	15802	20 90–20	0.42
15403	19 87–20	0.39	15483	20 90–20	0.42	15563	18 92–19	0.42	15643	19 60–19	0.46	15723	22 83–20	0.46	15803	19 92–20	0.34
15404	20 92–20	0.38	15484	19 91–20	0.38	15564	21 89–20	0.41	15644	18 60–20	0.45	15724	20 88–20	0.34	15804	19 94–20	0.42
15405	21 88–19	0.40	15485	18 82–20	0.38	15565	20 92–19	0.44	15645	19 60–20	0.41	15725	23 55–20	0.45	15805	18 91–20	0.36
15406	20 92–19	0.41	15486	19 93–20	0.33	15566	18 91–20	0.39	15646	18 60–19	0.36	15726	17 90–19	0.45	15806	21 83–20	0.37
15407	19 73–20	0.39	15487	20 94–20	0.37	15567	17 94–20	0.41	15647	21 60–20	0.38	15727	16 90–20	0.44	15807	10 94–17	0.56
15408	20 86–20	0.34	15488	20 96–20	0.34	15568	19 91–20	0.40	15648	18 60–20	0.37	15728	19 90–20	0.40	15808	21 91–19	0.35
15409	20 92–20	0.37	15489	21 79–20	0.38	15569	19 91–20	0.42	15649	20 60–20	0.40	15729	18 81–20	0.43	15809	6 95–01	0.35
15410	20 86–20	0.29	15490	18 85–20	0.36	15570	20 78–19	0.43	15650	20 60–20	0.37	15730	21 51–20	0.33	15810	11 94–16	0.36
15411	22 54–20	0.37	15491	20 58–20	0.38	15571	19 79–20	0.36	15651	26 54–19	0.45	15731	21 90–20	0.41	15811	23 55–20	0.38
15412	22 79–20	0.37	15492	20 52–19	0.40	15572	19 71–20	0.42	15652	23 71–20	0.38	15732	21 85–20	0.34	15812	21 91–20	0.39
15413	19 92–20	0.42	15493	20 90–19	0.38	15573	20 78–19	0.39	15653	19 71–20	0.37	15733	18 90–20	0.40	15813	19 91–19	0.37
15414	20 91–20	0.41	15494	20 58–20	0.40	15574	18 77–20	0.39	15654	20 71–20	0.38	15734	18 90–20	0.44	15814	19 94–20	0.33
15415	18 54–20	0.30	15495	21 92–20	0.40	15575	20 91–19	0.42	15655	25 68–20	0.40	15735	21 88–20	0.40	15815	17 87–20	0.34
15416	22 80–20	0.31	15496	21 78–20	0.32	15576	20 91–20	0.43	15656	22 71–20	0.41	15736	21 51–19	0.39	15816	19 90–19	0.42
15417	26 76–20	0.38	15497	18 91–20	0.41	15577	19 80–20	0.43	15657	21 73–20	0.41	15737	21 50–20	0.27	15817	9 94–20	0.46
15418	23 57–20	0.40	15498	21 93–20	0.37	15578	21 89–20	0.41	15658	19 73–20	0.41	15738	23 88–19	0.41	15818	16 94–19	0.29
15419	22 53–20	0.34	15499	20 80–20	0.37	15579	19 91–19	0.40	15659	19 73–19	0.50	15739	20 91–20	0.42	15819	20 81–19	0.37
15420	20 95–20	0.39	15500	20 77–19	0.46	15580	19 76–20	0.36	15660	22 73–20	0.40	15740	19 91–20	0.32	15820	10 94–18	0.76
15421	20 95–19	0.41	15501	20 91–20	0.41	15581	22 79–20	0.42	15661	21 73–20	0.42	15741	18 91–19	0.42	15821	21 52–20	0.39
15422	20 53–20	0.38	15502	24 82–20	0.30	15582	21 76–20	0.44	15662	20 73–20	0.38	15742	20 88–20	0.37	15822	18 53–20	0.33
15423	20 84–20	0.44	15503	22 78–20	0.39	15583	18 94–20	0.39	15663	20 73–20	0.42	15743	21 78–20	0.39	15823	20 78–19	0.44
15424	18 50–19	0.41	15504	4 96–00	0.35	15584	19 80–19	0.42	15664	22 71–20	0.33	15744	19 91–20	0.36	15824	17 90–19	0.41
15425	23 51–20	0.32	15505	22 89–20	0.37	15585	17 83–20	0.41	15665	21 77–20	0.49	15745	17 82–20	0.33	15825	20 90–20	0.40
15426	22 51–20	0.42	15506	19 92–20	0.40	15586	20 55–20	0.43	15666	19 77–20	0.37	15746	20 82–20	0.31	15826	18 92–19	0.42
15427	23 72–20	0.25	15507	18 81–20	0.37	15587	20 60–20	0.45	15667	17 77–20	0.40	15747	19 75–20	0.43	15827	20 93–19	0.41
15428	21 50–19	0.48	15508	18 79–20	0.37	15588	21 90–20	0.38	15668	18 77–20	0.39	15748	20 76–20	0.38	15828	17 95–20	0.36
15429	17 92–19	0.42	15509	20 93–20	0.40	15589	19 53–20	0.28	15669	23 55–19	0.42	15749	17 91–19	0.39	15829	18 95–20	0.36
15430	19 55–20	0.41	15510	18 92–20	0.38	15590	20 79–20	0.31	15670	20 75–20	0.40	15750	21 56–20	0.35	15830	18 95–20	0.36
15431	18 93–20	0.40	15511	23 81–20	0.36	15591	20 64–20	0.33	15671	22 77–19	0.40	15751	20 91–20	0.25	15831	20 93–20	0.39
15432	18 96–20	0.38	15512	23 55–20	0.35	15592	18 82–20	0.39	15672	22 77–19	0.45	15752	20 92–20	0.37	15832	21 82–19	0.44
15433	18 90–19	0.37	15513	22 77–19	0.39	15593	18 75–19	0.42	15673	18 78–20	0.36	15753	20 92–20	0.42	15833	19 82–20	0.43
15434	17 94–20	0.40	15514	22 53–20	0.29	15594	18 82–20	0.40	15674	20 78–20	0.39	15754	19 85–20	0.43	15834	20 95–19	0.31
15435	18 82–19	0.40	15515	21 88–20	0.41	15595	21 93–20	0.45	15675	22 78–19	0.39	15755	21 92–20	0.40	15835	21 91–20	0.37
15436	24 62–20	0.24	15516	24 54–20	0.46	15596	19 92–20	0.36	15676	22 55–20	0.37	15756	21 53–20	0.39	15836	10 95–18	0.61
15437	18 90–19	0.43	15517	21 92–20	0.38	15597	20 73–20	0.42	15677	19 74–20	0.31	15757	18 87–19	0.40	15837	20 95–20	0.46
15438	20 53–20	0.35	15518	19 77–19	0.35	15598	19 87–20	0.40	15678	20 79–20	0.40	15758	20 87–20	0.42	15838	20 95–20	0.39
15439	22 76–20	0.36	15519	24 50–19	0.39	15599	19 73–19	0.40	15679	20 54–20	0.44	15759	20 82–20	0.38	15839	21 94–20	0.41
15440	22 51–19	0.27	15520	21 80–20	0.30	15600	20 91–20	0.37	15680	21 78–20	0.38	15760	16 92–19	0.54	15840	19 91–20	0.37

№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms
		″			″			″			″			″			″
15841	18 95–20	0.30	15921	19 96–20	0.43	16001	19 91–20	0.37	16081	21 78–20	0.37	16161	20 89–20	0.34	16241	20 87–20	0.42
15842	21 94–20	0.40	15922	20 90–20	0.42	16002	21 54–19	0.39	16082	20 74–20	0.40	16162	21 91–20	0.31	16242	21 86–19	0.38
15843	22 75–20	0.37	15923	20 91–20	0.33	16003	20 88–20	0.38	16083	19 83–20	0.37	16163	21 91–20	0.38	16243	20 80–19	0.36
15844	21 79–20	0.35	15924	19 92–20	0.47	16004	20 77–20	0.40	16084	18 82–19	0.41	16164	21 92–20	0.34	16244	19 80–20	0.35
15845	18 91–19	0.42	15925	21 54–20	0.28	16005	20 85–20	0.33	16085	20 90–20	0.43	16165	20 85–20	0.44	16245	19 71–19	0.43
15846	20 91–20	0.34	15926	21 77–20	0.41	16006	19 92–19	0.43	16086	20 73–20	0.41	16166	20 90–19	0.46	16246	20 79–20	0.36
15847	16 93–18	0.39	15927	20 84–20	0.34	16007	19 55–20	0.39	16087	19 84–19	0.39	16167	20 91–19	0.42	16247	21 78–19	0.38
15848	20 95–20	0.32	15928	19 92–20	0.41	16008	19 90–20	0.38	16088	19 72–20	0.37	16168	17 91–19	0.37	16248	21 60–20	0.36
15849	22 78–20	0.38	15929	21 77–19	0.39	16009	20 54–20	0.27	16089	21 80–20	0.45	16169	20 91–20	0.39	16249	19 78–19	0.40
15850	18 88–19	0.59	15930	23 49–20	0.36	16010	22 79–20	0.39	16090	18 91–20	0.36	16170	21 82–20	0.39	16250	19 93–20	0.38
15851	19 93–19	0.37	15931	20 51–20	0.38	16011	21 50–20	0.38	16091	20 80–20	0.39	16171	20 53–19	0.44	16251	21 92–19	0.39
15852	20 91–20	0.37	15932	20 94–20	0.39	16012	19 88–19	0.42	16092	20 79–20	0.39	16172	19 83–20	0.38	16252	24 53–20	0.41
15853	20 53–20	0.41	15933	18 75–20	0.37	16013	19 92–20	0.34	16093	21 91–20	0.46	16173	20 53–20	0.37	16253	19 89–20	0.34
15854	18 93–19	0.43	15934	19 89–20	0.37	16014	19 94–19	0.41	16094	18 91–20	0.42	16174	18 92–20	0.37	16254	23 77–20	0.43
15855	19 91–20	0.45	15935	19 96–20	0.39	16015	20 91–20	0.40	16095	19 77–19	0.40	16175	21 90–20	0.39	16255	18 77–20	0.36
15856	20 52–20	0.34	15936	21 75–20	0.31	16016	19 91–19	0.35	16096	18 95–19	0.42	16176	21 84–20	0.39	16256	17 87–19	0.32
15857	19 82–20	0.39	15937	21 87–20	0.40	16017	21 91–20	0.41	16097	19 92–20	0.38	16177	20 76–19	0.39	16257	19 95–19	0.33
15858	19 93–19	0.43	15938	20 54–20	0.38	16018	23 57–20	0.28	16098	18 62–20	0.39	16178	20 77–19	0.44	16258	18 78–20	0.45
15859	19 90–20	0.40	15939	20 87–20	0.33	16019	20 88–20	0.37	16099	22 51–19	0.38	16179	21 92–19	0.38	16259	19 86–20	0.39
15860	18 96–20	0.45	15940	22 51–20	0.39	16020	19 90–20	0.43	16100	19 89–20	0.38	16180	19 88–20	0.38	16260	19 86–20	0.42
15861	22 87–20	0.35	15941	21 79–20	0.33	16021	17 93–20	0.42	16101	20 91–20	0.39	16181	20 77–19	0.44	16261	24 50–20	0.33
15862	20 93–20	0.38	15942	20 85–20	0.42	16022	18 92–20	0.40	16102	18 94–20	0.41	16182	18 90–20	0.37	16262	21 94–20	0.44
15863	19 95–20	0.37	15943	22 90–20	0.37	16023	21 91–20	0.40	16103	20 91–20	0.37	16183	22 91–20	0.42	16263	20 91–20	0.39
15864	19 77–20	0.40	15944	24 51–20	0.38	16024	19 88–20	0.29	16104	18 91–19	0.42	16184	22 83–20	0.32	16264	19 95–20	0.41
15865	17 96–20	0.39	15945	21 93–20	0.40	16025	20 83–20	0.36	16105	20 80–19	0.43	16185	22 90–20	0.45	16265	21 80–20	0.37
15866	18 96–20	0.40	15946	18 96–20	0.39	16026	18 91–19	0.41	16106	19 91–19	0.41	16186	20 92–20	0.34	16266	19 78–19	0.38
15867	21 78–20	0.39	15947	20 83–20	0.42	16027	19 91–19	0.41	16107	20 90–20	0.45	16187	17 91–19	0.36	16267	21 91–20	0.41
15868	18 95–19	0.44	15948	19 83–20	0.38	16028	20 76–20	0.30	16108	18 78–19	0.64	16188	20 53–20	0.38	16268	18 92–19	0.38
15869	18 91–20	0.43	15949	20 82–20	0.41	16029	22 51–20	0.36	16109	18 91–19	0.45	16189	21 93–20	0.43	16269	19 91–20	0.37
15870	19 96–20	0.38	15950	19 55–20	0.41	16030	20 81–20	0.31	16110	21 90–19	0.40	16190	21 76–20	0.35	16270	22 78–20	0.30
15871	19 79–20	0.30	15951	21 88–20	0.31	16031	23 78–20	0.35	16111	19 94–20	0.35	16191	20 71–20	0.38	16271	20 92–19	0.43
15872	19 95–20	0.40	15952	22 87–20	0.37	16032	20 90–20	0.39	16112	19 95–20	0.35	16192	20 78–19	0.42	16272	18 42–20	0.33
15873	18 87–20	0.42	15953	18 79–20	0.29	16033	20 71–19	0.37	16113	21 93–20	0.39	16193	19 81–19	0.42	16273	22 79–20	0.38
15874	16 96–20	0.37	15954	22 51–20	0.39	16034	19 87–19	0.46	16114	19 95–20	0.40	16194	22 90–20	0.35	16274	19 92–20	0.37
15875	10 96–17	0.51	15955	20 50–20	0.41	16035	21 86–20	0.34	16115	20 82–19	0.42	16195	19 91–19	0.40	16275	21 87–20	0.36
15876	19 96–19	0.45	15956	23 81–19	0.42	16036	20 84–20	0.38	16116	20 69–20	0.40	16196	19 81–20	0.37	16276	21 54–20	0.36
15877	22 85–20	0.30	15957	20 81–20	0.36	16037	21 82–20	0.37	16117	23 76–19	0.45	16197	19 79–20	0.39	16277	20 79–19	0.43
15878	20 96–20	0.38	15958	18 83–20	0.34	16038	22 60–20	0.31	16118	18 82–20	0.42	16198	21 52–20	0.34	16278	20 79–20	0.37
15879	20 71–19	0.43	15959	18 91–20	0.38	16039	20 95–20	0.43	16119	19 91–20	0.36	16199	22 78–20	0.35	16279	22 78–20	0.36
15880	19 89–19	0.42	15960	19 97–20	0.31	16040	21 78–20	0.37	16120	18 93–19	0.33	16200	20 91–19	0.40	16280	19 90–20	0.41
15881	18 95–19	0.36	15961	19 90–20	0.37	16041	21 78–20	0.31	16121	20 90–20	0.41	16201	20 90–19	0.39	16281	19 60–20	0.41
15882	19 76–20	0.37	15962	19 91–19	0.48	16042	19 94–20	0.38	16122	19 54–19	0.40	16202	20 90–19	0.45	16282	20 60–20	0.32
15883	6 97–18	0.47	15963	20 78–20	0.30	16043	18 96–20	0.42	16123	19 91–20	0.37	16203	20 77–20	0.38	16283	19 60–19	0.49
15884	18 95–19	0.36	15964	17 53–20	0.37	16044	21 76–20	0.40	16124	17 93–19	0.37	16204	19 96–20	0.36	16284	18 60–19	0.36
15885	19 92–20	0.41	15965	21 74–20	0.38	16045	21 76–20	0.35	16125	20 86–20	0.33	16205	20 76–20	0.37	16285	19 54–20	0.37
15886	16 95–19	0.45	15966	21 88–20	0.33	16046	22 52–20	0.39	16126	20 55–19	0.32	16206	21 75–20	0.53	16286	19 60–20	0.36
15887	20 78–19	0.42	15967	22 82–20	0.35	16047	20 88–20	0.48	16127	19 89–20	0.40	16207	21 92–20	0.36	16287	19 60–20	0.33
15888	19 91–20	0.43	15968	21 76–20	0.40	16048	22 94–20	0.39	16128	18 91–19	0.39	16208	24 81–20	0.38	16288	20 60–20	0.45
15889	17 95–20	0.42	15969	21 89–20	0.32	16049	22 81–19	0.40	16129	19 60–19	0.42	16209	21 91–20	0.37	16289	17 60–19	0.44
15890	17 95–19	0.40	15970	18 80–20	0.32	16050	19 93–20	0.38	16130	19 95–20	0.38	16210	22 69–20	0.38	16290	21 60–20	0.42
15891	17 91–20	0.40	15971	18 94–20	0.37	16051	19 71–20	0.38	16131	18 87–20	0.38	16211	18 73–20	0.40	16291	20 60–20	0.40
15892	17 95–20	0.37	15972	22 80–20	0.40	16052	20 78–20	0.36	16132	20 78–20	0.37	16212	18 91–20	0.36	16292	18 60–20	0.38
15893	20 93–20	0.42	15973	20 95–20	0.38	16053	19 91–19	0.43	16133	21 50–19	0.40	16213	20 83–19	0.43	16293	18 60–20	0.36
15894	18 95–20	0.45	15974	24 85–20	0.39	16054	20 92–20	0.32	16134	19 93–19	0.41	16214	18 89–20	0.39	16294	15 60–19	0.46
15895	18 91–20	0.40	15975	19 78–20	0.39	16055	21 54–20	0.41	16135	22 85–20	0.42	16215	19 77–20	0.39	16295	18 60–20	0.39
15896	18 93–19	0.43	15976	22 77–19	0.41	16056	19 95–20	0.30	16136	18 89–19	0.42	16216	21 80–20	0.33	16296	19 60–20	0.38
15897	18 91–19	0.40	15977	29 53–20	0.30	16057	19 62–20	0.36	16137	17 81–19	0.38	16217	20 92–20	0.41	16297	18 60–19	0.62
15898	19 93–20	0.31	15978	21 86–19	0.45	16058	17 84–20	0.31	16138	20 92–20	0.38	16218	21 92–19	0.38	16298	19 60–19	0.42
15899	18 93–19	0.41	15979	20 52–20	0.38	16059	19 96–20	0.40	16139	19 76–19	0.60	16219	14 91–19	0.39	16299	21 60–20	0.39
15900	18 86–20	0.35	15980	21 92–20	0.39	16060	20 96–20	0.40	16140	19 82–20	0.35	16220	20 79–19	0.40	16300	21 60–20	0.42
15901	22 85–20	0.37	15981	20 53–20	0.38	16061	21 81–20	0.39	16141	19 91–20	0.36	16221	18 78–20	0.36	16301	19 60–19	0.46
15902	18 90–20	0.41	15982	18 92–19	0.40	16062	20 77–20	0.37	16142	19 82–20	0.37	16222	17 94–20	0.44	16302	19 60–19	0.46
15903	19 96–20	0.38	15983	19 53–20	0.37	16063	18 86–19	0.45	16143	18 75–20	0.32	16223	20 78–20	0.39	16303	18 60–19	0.40
15904	19 80–19	0.33	15984	20 73–20	0.33	16064	7 94–20	0.43	16144	20 77–20	0.34	16224	22 82–20	0.37	16304	17 60–20	0.38
15905	20 81–20	0.41	15985	19 87–20	0.41	16065	23 82–20	0.44	16145	20 66–20	0.37	16225	17 71–20	0.41	16305	20 60–20	0.37
15906	17 96–19	0.38	15986	18 93–19	0.43	16066	20 96–19	0.36	16146	20 82–20	0.40	16226	18 91–20	0.40	16306	20 60–20	0.43
15907	17 96–20	0.43	15987	18 79–20	0.39	16067	20 90–19	0.38	16147	19 81–20	0.41	16227	19 78–20	0.35	16307	17 60–19	0.41
15908	18 91–20	0.39	15988	20 35–20	0.34	16068	19 93–20	0.40	16148	21 89–20	0.38	16228	22 80–20	0.35	16308	18 60–19	0.40
15909	19 93–20	0.39	15989	20 57–20	0.35	16069	21 82–19	0.41	16149	21 87–20	0.40	16229	17 94–19	0.37	16309	20 60–20	0.34
15910	19 92–20	0.38	15990	16 90–20	0.34	16070	25 54–20	0.32	16150	18 78–19	0.45	16230	20 95–20	0.35	16310	18 71–20	0.39
15911	18 93–19	0.32	15991	18 53–19	0.34	16071	21 65–20	0.35	16151	20 84–19	0.53	16231	21 91–20	0.40	16311	21 71–20	0.36
15912	19 78–19	0.43	15992	19 92–20	0.37	16072	15 95–19	0.34	16152	23 89–19	0.47	16232	20 95–19	0.40	16312	19 71–20	0.39
15913	20 92–19	0.41	15993	19 93–20	0.32	16073	17 69–19	0.43	16153	20 80–19	0.39	16233	19 91–20	0.28	16313	19 71–19	0.44
15914	19 80–20	0.36	15994	19 82–20	0.40	16074	20 91–19	0.43	16154	24 86–20	0.57	16234	19 87–20	0.39	16314	21 71–20	0.39
15915	18 93–20	0.41	15995	18 96–20	0.38	16075	18 88–20	0.39	16155	20 49–19	0.42	16235	21 84–20	0.36	16315	19 71–20	0.34
15916	18 88–20	0.39	15996	19 82–20	0.36	16076	20 89–19	0.42	16156	19 74–19	0.33	16236	22 88–20	0.46	16316	22 71–20	0.39
15917	19 69–19	0.48	15997	19 89–20	0.41	16077	19 94–20	0.41	16157	20 63–19	0.38	16237	21 89–20	0.38	16317	19 71–20	0.38
15918	16 60–19	0.42	15998	20 89–19	0.38	16078	20 91–19	0.42	16158	18 94–19	0.44	16238	21 82–20	0.37	16318	19 71–20	0.42
15919	19 90–20	0.44	15999	20 80–20	0.39	16079	19 77–19	0.44	16159	20 50–20	0.40	16239	19 95–20	0.42	16319	18 71–20	0.44
15920	18 84–19	0.38	16000	18 92–20	0.40	16080	21 82–20	0.44	16160	22 93–20	0.34	16240	20 91–19	0.43	16320	17 71–20	0.41

№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms
		″			″			″			″			″			″
16321	17 71–20	0.45	16401	18 84–19	0.44	16481	18 90–19	0.44	16561	21 89–20	0.42	16641	19 90–20	0.30	16721	18 53–19	0.39
16322	19 71–20	0.39	16402	21 83–19	0.40	16482	21 90–20	0.41	16562	17 92–20	0.31	16642	19 93–19	0.44	16722	20 95–20	0.36
16323	19 73–20	0.38	16403	16 80–20	0.30	16483	18 90–19	0.43	16563	20 92–20	0.33	16643	19 92–20	0.44	16723	20 83–20	0.39
16324	19 73–20	0.37	16404	22 54–20	0.39	16484	20 81–19	0.53	16564	22 92–20	0.43	16644	20 55–20	0.41	16724	18 95–20	0.36
16325	20 73–20	0.36	16405	19 78–20	0.35	16485	21 90–20	0.38	16565	21 86–20	0.36	16645	20 86–20	0.45	16725	22 75–19	0.67
16326	22 73–20	0.42	16406	17 85–20	0.32	16486	18 90–20	0.42	16566	19 92–20	0.39	16646	20 86–20	0.34	16726	19 80–20	0.37
16327	18 73–20	0.39	16407	19 85–20	0.38	16487	19 83–20	0.38	16567	18 92–20	0.40	16647	19 77–20	0.37	16727	18 80–20	0.39
16328	20 73–20	0.38	16408	22 78–20	0.35	16488	18 90–19	0.41	16568	20 92–20	0.45	16648	19 90–20	0.42	16728	19 81–19	0.44
16329	19 73–19	0.48	16409	18 83–19	0.36	16489	19 53–20	0.36	16569	22 92–20	0.41	16649	19 79–20	0.36	16729	19 89–20	0.38
16330	20 73–19	0.42	16410	21 76–20	0.38	16490	21 73–20	0.41	16570	19 92–20	0.35	16650	22 72–20	0.39	16730	19 96–20	0.34
16331	22 73–20	0.42	16411	22 54–20	0.42	16491	20 79–20	0.39	16571	18 92–20	0.41	16651	17 93–19	0.36	16731	15 96–19	0.45
16332	21 73–20	0.40	16412	20 86–19	0.42	16492	18 90–20	0.43	16572	21 82–20	0.35	16652	19 75–20	0.41	16732	19 95–19	0.40
16333	20 73–20	0.41	16413	22 80–19	0.35	16493	21 90–19	0.49	16573	21 92–20	0.45	16653	20 77–20	0.38	16733	18 96–20	0.39
16334	18 73–20	0.40	16414	17 87–19	0.46	16494	19 90–20	0.38	16574	18 92–20	0.44	16654	18 93–20	0.43	16734	18 94–19	0.42
16335	21 73–19	0.42	16415	19 87–20	0.38	16495	17 76–19	0.52	16575	22 90–20	0.41	16655	20 91–20	0.41	16735	20 79–20	0.38
16336	17 73–20	0.40	16416	17 77–19	0.47	16496	20 90–19	0.47	16576	21 90–20	0.41	16656	19 50–19	0.49	16736	20 84–19	0.38
16337	20 73–20	0.30	16417	16 87–19	0.48	16497	18 80–19	0.40	16577	19 90–20	0.36	16657	10 93–19	0.39	16737	18 96–20	0.40
16338	21 77–20	0.43	16418	21 53–20	0.36	16498	21 54–20	0.32	16578	20 79–19	0.34	16658	18 93–20	0.45	16738	18 92–19	0.44
16339	21 77–20	0.46	16419	20 51–20	0.33	16499	17 90–20	0.39	16579	21 84–19	0.34	16659	18 93–20	0.40	16739	20 88–20	0.37
16340	19 77–20	0.42	16420	19 87–20	0.39	16500	19 78–20	0.34	16580	22 90–20	0.39	16660	18 93–20	0.38	16740	20 79–20	0.40
16341	17 77–19	0.44	16421	18 88–20	0.33	16501	18 90–19	0.42	16581	21 89–20	0.41	16661	18 82–20	0.35	16741	18 76–19	0.44
16342	21 77–20	0.41	16422	20 88–20	0.39	16502	21 90–20	0.45	16582	18 86–20	0.47	16662	23 52–20	0.34	16742	20 78–20	0.36
16343	20 53–20	0.43	16423	20 72–20	0.37	16503	18 90–20	0.37	16583	22 55–20	0.37	16663	22 51–20	0.34	16743	21 80–20	0.40
16344	19 77–19	0.44	16424	19 88–20	0.38	16504	18 90–20	0.42	16584	22 77–20	0.35	16664	19 91–20	0.34	16744	19 77–20	0.30
16345	18 77–20	0.38	16425	20 88–20	0.43	16505	21 54–20	0.40	16585	20 76–20	0.35	16665	18 93–20	0.43	16745	21 74–20	0.39
16346	22 77–20	0.40	16426	17 88–20	0.28	16506	20 55–20	0.36	16586	20 91–20	0.46	16666	18 93–20	0.26	16746	18 96–20	0.36
16347	20 77–20	0.40	16427	19 79–20	0.39	16507	21 83–20	0.40	16587	19 92–19	0.44	16667	25 54–20	0.28	16747	18 96–20	0.48
16348	19 77–20	0.45	16428	24 71–20	0.44	16508	17 90–20	0.41	16588	16 88–19	0.39	16668	21 91–20	0.32	16748	21 94–20	0.46
16349	20 77–20	0.38	16429	18 51–20	0.35	16509	23 79–20	0.38	16589	17 53–20	0.34	16669	17 82–19	0.33	16749	18 96–20	0.38
16350	21 64–19	0.45	16430	21 88–20	0.42	16510	18 90–20	0.39	16590	23 54–19	0.42	16670	19 91–20	0.35	16750	21 69–20	0.37
16351	17 71–20	0.38	16431	21 84–19	0.42	16511	17 82–20	0.38	16591	20 51–19	0.41	16671	19 86–20	0.30	16751	19 91–19	0.40
16352	19 74–20	0.37	16432	22 86–20	0.32	16512	17 90–20	0.36	16592	19 92–20	0.25	16672	17 89–19	0.39	16752	19 91–20	0.39
16353	18 74–20	0.40	16433	23 54–20	0.37	16513	22 54–20	0.33	16593	22 55–20	0.36	16673	20 51–20	0.39	16753	18 96–20	0.37
16354	19 75–19	0.38	16434	19 51–19	0.46	16514	23 51–20	0.36	16594	20 92–20	0.30	16674	21 50–20	0.35	16754	17 96–19	0.41
16355	21 75–20	0.43	16435	20 76–19	0.39	16515	20 86–20	0.37	16595	19 92–20	0.38	16675	20 53–20	0.38	16755	18 94–20	0.41
16356	25 76–20	0.38	16436	20 88–20	0.38	16516	18 90–20	0.40	16596	23 76–20	0.36	16676	19 92–20	0.36	16756	20 87–20	0.35
16357	21 71–20	0.46	16437	22 88–20	0.40	16517	19 90–20	0.37	16597	22 82–20	0.39	16677	18 94–20	0.37	16757	18 94–20	0.42
16358	20 54–19	0.40	16438	19 87–20	0.36	16518	22 76–20	0.36	16598	20 54–20	0.40	16678	19 90–20	0.39	16758	22 53–20	0.37
16359	19 78–20	0.39	16439	19 87–20	0.32	16519	18 90–19	0.41	16599	18 91–19	0.45	16679	22 76–20	0.38	16759	17 94–20	0.32
16360	18 54–20	0.37	16440	19 82–20	0.35	16520	22 76–20	0.40	16600	19 81–19	0.43	16680	21 50–20	0.27	16760	15 75–19	0.32
16361	21 79–19	0.44	16441	21 82–20	0.38	16521	21 90–19	0.46	16601	19 54–19	0.37	16681	17 82–20	0.29	16761	19 95–20	0.38
16362	19 79–20	0.37	16442	19 52–19	0.45	16522	24 76–20	0.38	16602	23 55–20	0.34	16682	20 84–20	0.42	16762	20 85–20	0.42
16363	21 51–20	0.40	16443	21 76–20	0.40	16523	23 55–20	0.37	16603	20 90–19	0.46	16683	23 86–20	0.37	16763	19 96–20	0.37
16364	21 79–19	0.49	16444	17 89–19	0.37	16524	20 89–19	0.42	16604	21 52–19	0.47	16684	8 94–19	0.50	16764	20 91–19	0.39
16365	20 79–20	0.45	16445	20 83–19	0.43	16525	20 50–20	0.38	16605	17 51–20	0.43	16685	21 87–20	0.31	16765	19 96–20	0.36
16366	19 79–20	0.43	16446	21 89–20	0.34	16526	20 55–20	0.39	16606	20 82–20	0.41	16686	19 94–20	0.33	16766	19 96–20	0.39
16367	21 80–20	0.41	16447	20 54–20	0.38	16527	22 54–20	0.34	16607	24 50–20	0.41	16687	18 79–19	0.36	16767	18 96–20	0.40
16368	18 81–20	0.34	16448	19 50–19	0.42	16528	24 49–20	0.37	16608	22 77–20	0.43	16688	22 51–19	0.44	16768	20 96–20	0.31
16369	20 53–20	0.45	16449	23 51–20	0.36	16529	20 75–20	0.31	16609	20 93–20	0.39	16689	20 94–20	0.34	16769	18 96–20	0.36
16370	18 81–20	0.42	16450	21 83–20	0.39	16530	19 53–20	0.41	16610	17 91–18	0.39	16690	17 89–19	0.42	16770	18 96–20	0.39
16371	19 81–20	0.36	16451	16 89–20	0.44	16531	18 91–20	0.45	16611	22 90–20	0.37	16691	18 94–19	0.37	16771	19 77–20	0.38
16372	19 81–20	0.37	16452	25 77–20	0.37	16532	21 86–20	0.34	16612	20 55–20	0.44	16692	17 94–19	0.41	16772	20 83–20	0.39
16373	18 81–20	0.44	16453	21 51–19	0.42	16533	20 91–20	0.39	16613	22 90–20	0.42	16693	19 55–19	0.41	16773	20 75–20	0.39
16374	19 81–20	0.38	16454	21 89–20	0.43	16534	20 79–20	0.35	16614	20 93–20	0.40	16694	19 89–20	0.38	16774	19 96–20	0.32
16375	19 81–20	0.37	16455	20 52–20	0.38	16535	22 89–20	0.34	16615	20 93–20	0.43	16695	15 94–20	0.29	16775	20 81–19	0.47
16376	21 54–19	0.42	16456	20 89–20	0.35	16536	18 91–20	0.41	16616	19 93–20	0.39	16696	19 89–19	0.41	16776	19 94–20	0.43
16377	15 81–19	0.42	16457	22 52–19	0.40	16537	19 91–20	0.37	16617	19 93–19	0.35	16697	15 95–20	0.39	16777	22 82–20	0.38
16378	18 81–20	0.37	16458	21 89–20	0.40	16538	18 87–20	0.37	16618	17 93–19	0.46	16698	20 75–20	0.37	16778	20 96–20	0.38
16379	19 81–20	0.41	16459	19 85–20	0.36	16539	19 87–20	0.34	16619	22 86–20	0.41	16699	19 91–20	0.30	16779	19 87–20	0.35
16380	17 81–20	0.41	16460	21 88–19	0.68	16540	21 53–20	0.36	16620	21 93–20	0.42	16700	19 81–20	0.38	16780	19 94–20	0.42
16381	17 81–19	0.43	16461	19 88–20	0.33	16541	22 81–19	0.36	16621	21 81–20	0.42	16701	19 91–20	0.32	16781	18 95–20	0.39
16382	20 79–20	0.34	16462	20 86–20	0.35	16542	17 91–19	0.43	16622	22 83–20	0.42	16702	19 84–19	0.40	16782	21 92–20	0.43
16383	18 81–20	0.36	16463	19 88–19	0.40	16543	18 86–20	0.39	16623	21 93–20	0.41	16703	18 95–20	0.38	16783	19 96–20	0.35
16384	21 81–20	0.40	16464	20 83–20	0.36	16544	20 91–19	0.46	16624	19 89–20	0.40	16704	19 89–20	0.34	16784	20 72–20	0.35
16385	20 69–20	0.43	16465	14 90–19	0.46	16545	19 51–19	0.41	16625	18 91–20	0.34	16705	20 91–19	0.43	16785	21 77–20	0.21
16386	19 81–20	0.37	16466	24 49–20	0.35	16546	22 50–19	0.38	16626	21 81–19	0.41	16706	19 95–19	0.39	16786	23 69–20	0.29
16387	18 81–20	0.41	16467	21 86–19	0.36	16547	19 91–20	0.42	16627	19 64–20	0.38	16707	21 87–20	0.40	16787	19 95–20	0.39
16388	19 60–19	0.42	16468	19 90–20	0.40	16548	17 76–19	0.47	16628	21 89–20	0.34	16708	17 79–20	0.31	16788	22 80–20	0.39
16389	18 81–20	0.45	16469	19 53–20	0.41	16549	22 51–20	0.33	16629	20 53–20	0.42	16709	21 90–20	0.42	16789	21 90–20	0.41
16390	23 81–20	0.41	16470	18 54–19	0.42	16550	19 77–20	0.37	16630	19 88–19	0.54	16710	14 88–18	0.52	16790	23 78–20	0.38
16391	20 81–20	0.42	16471	20 50–19	0.57	16551	20 89–20	0.39	16631	18 93–20	0.41	16711	20 78–20	0.41	16791	19 97–19	0.38
16392	22 77–20	0.41	16472	22 81–20	0.37	16552	19 84–20	0.44	16632	18 93–20	0.44	16712	19 80–20	0.34	16792	20 97–20	0.31
16393	21 81–20	0.38	16473	20 90–19	0.38	16553	17 77–20	0.37	16633	17 92–19	0.45	16713	21 92–20	0.37	16793	19 97–19	0.39
16394	20 81–20	0.32	16474	17 90–19	0.42	16554	21 50–20	0.39	16634	20 90–19	0.43	16714	21 92–20	0.39	16794	20 97–20	0.40
16395	21 81–20	0.39	16475	20 54–19	0.41	16555	19 54–19	0.36	16635	16 86–20	0.38	16715	21 88–20	0.39	16795	20 95–20	0.38
16396	21 66–20	0.40	16476	22 49–20	0.38	16556	20 50–20	0.37	16636	4 93–14	0.43	16716	18 95–20	0.38	16796	20 92–20	0.42
16397	19 82–20	0.40	16477	18 90–19	0.41	16557	21 54–20	0.31	16637	19 92–20	0.42	16717	18 78–20	0.39	16797	22 55–20	0.33
16398	21 82–20	0.42	16478	17 90–19	0.46	16558	18 53–19	0.59	16638	20 51–19	0.45	16718	22 84–20	0.42	16798	16 91–19	0.50
16399	20 49–20	0.35	16479	20 90–19	0.41	16559	22 53–20	0.54	16639	23 71–20	0.44	16719	20 95–20	0.38	16799	18 54–19	0.40
16400	19 81–20	0.39	16480	19 90–19	0.45	16560	24 55–20	0.28	16640	16 93–20	0.42	16720	24 50–20	0.37	16800	18 95–20	0.40

№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms
		″			″			″			″			″			″
16801	17 93–18	0.47	16881	19 95–20	0.38	16961	19 51–19	0.31	17041	17 90–19	0.42	17121	20 82–20	0.38	17201	19 95–20	0.39
16802	18 75–20	0.39	16882	20 96–19	0.40	16962	20 82–20	0.41	17042	19 95–19	0.46	17122	21 81–20	0.36	17202	21 94–20	0.39
16803	18 76–19	0.38	16883	20 91–20	0.37	16963	21 51–20	0.40	17043	17 89–20	0.38	17123	21 80–20	0.43	17203	21 87–19	0.43
16804	23 69–20	0.35	16884	19 91–20	0.44	16964	21 78–20	0.37	17044	19 54–20	0.44	17124	20 90–20	0.35	17204	19 78–20	0.35
16805	17 90–20	0.35	16885	20 90–20	0.51	16965	18 54–20	0.38	17045	19 51–20	0.37	17125	19 91–20	0.40	17205	19 96–19	0.42
16806	19 81–20	0.39	16886	19 74–20	0.32	16966	19 76–20	0.41	17046	21 90–20	0.42	17126	19 89–20	0.39	17206	26 50–19	0.39
16807	17 90–20	0.42	16887	20 75–19	0.43	16967	16 76–20	0.39	17047	20 80–20	0.43	17127	18 83–20	0.37	17207	19 54–19	0.39
16808	21 89–19	0.41	16888	19 92–20	0.42	16968	19 80–19	0.40	17048	19 94–20	0.38	17128	19 82–19	0.40	17208	18 79–19	0.52
16809	20 89–20	0.41	16889	20 93–20	0.41	16969	22 50–19	0.42	17049	19 60–19	0.43	17129	19 49–20	0.29	17209	18 69–19	0.40
16810	18 55–20	0.34	16890	19 78–20	0.34	16970	25 51–20	0.36	17050	18 92–20	0.39	17130	19 82–19	0.32	17210	21 91–20	0.48
16811	18 91–20	0.34	16891	20 71–20	0.35	16971	19 74–20	0.33	17051	20 83–20	0.43	17131	20 95–20	0.45	17211	19 76–20	0.46
16812	18 93–19	0.42	16892	23 90–20	0.42	16972	18 94–20	0.34	17052	22 84–20	0.40	17132	19 93–20	0.39	17212	25 71–20	0.40
16813	17 81–19	0.38	16893	21 88–20	0.34	16973	18 51–20	0.38	17053	22 76–20	0.45	17133	20 75–20	0.35	17213	22 51–20	0.32
16814	17 96–19	0.42	16894	21 93–20	0.38	16974	25 74–20	0.31	17054	21 77–19	0.40	17134	21 91–20	0.40	17214	22 51–20	0.41
16815	22 70–20	0.30	16895	23 80–20	0.39	16975	19 89–20	0.38	17055	19 78–20	0.36	17135	20 75–20	0.37	17215	18 95–19	0.41
16816	16 97–20	0.38	16896	19 51–20	0.34	16976	19 49–20	0.35	17056	19 56–19	0.40	17136	21 84–20	0.30	17216	23 83–19	0.43
16817	17 95–19	0.46	16897	22 69–20	0.45	16977	19 53–20	0.36	17057	18 95–20	0.39	17137	20 92–20	0.35	17217	20 77–20	0.32
16818	20 72–20	0.32	16898	19 86–19	0.42	16978	18 82–20	0.33	17058	21 89–20	0.36	17138	19 86–20	0.34	17218	21 75–19	0.40
16819	19 96–20	0.30	16899	19 95–20	0.34	16979	19 82–20	0.34	17059	18 78–20	0.33	17139	20 78–20	0.38	17219	23 56–19	0.35
16820	19 90–20	0.40	16900	21 80–20	0.43	16980	17 86–19	0.38	17060	23 50–20	0.42	17140	17 87–20	0.40	17220	18 95–20	0.39
16821	20 90–20	0.38	16901	19 94–20	0.35	16981	19 78–19	0.38	17061	20 60–19	0.41	17141	22 89–20	0.36	17221	19 95–19	0.43
16822	19 76–20	0.41	16902	20 90–20	0.41	16982	18 78–19	0.45	17062	20 95–20	0.40	17142	19 87–20	0.34	17222	19 94–20	0.43
16823	18 93–20	0.32	16903	18 77–20	0.39	16983	21 60–19	0.38	17063	19 79–20	0.34	17143	20 93–20	0.40	17223	20 56–20	0.33
16824	19 92–20	0.40	16904	21 82–20	0.39	16984	18 89–19	0.44	17064	20 81–20	0.34	17144	20 82–20	0.37	17224	17 94–19	0.43
16825	18 87–19	0.40	16905	20 92–20	0.42	16985	20 55–20	0.41	17065	19 86–20	0.38	17145	19 87–20	0.29	17225	18 51–20	0.40
16826	20 90–20	0.42	16906	19 95–19	0.48	16986	19 78–20	0.34	17066	20 78–20	0.40	17146	19 95–20	0.41	17226	21 82–20	0.35
16827	20 93–20	0.38	16907	20 82–20	0.34	16987	18 92–20	0.40	17067	20 91–20	0.35	17147	20 93–19	0.42	17227	21 78–20	0.47
16828	19 90–19	0.41	16908	18 82–20	0.33	16988	21 88–20	0.39	17068	19 87–20	0.38	17148	21 78–20	0.38	17228	22 83–20	0.44
16829	17 87–19	0.46	16909	20 94–20	0.37	16989	19 90–19	0.41	17069	20 78–20	0.40	17149	20 80–20	0.38	17229	19 71–19	0.40
16830	16 96–19	0.43	16910	20 93–20	0.39	16990	18 96–20	0.34	17070	19 95–20	0.46	17150	22 82–20	0.39	17230	22 79–20	0.35
16831	19 90–19	0.36	16911	20 93–20	0.41	16991	19 93–19	0.41	17071	20 76–20	0.36	17151	20 93–19	0.48	17231	20 86–19	0.35
16832	17 93–19	0.39	16912	16 92–19	0.40	16992	19 50–20	0.43	17072	16 90–19	0.40	17152	20 77–19	0.32	17232	20 83–20	0.36
16833	19 90–20	0.36	16913	18 87–20	0.37	16993	19 78–20	0.34	17073	20 90–19	0.37	17153	21 92–20	0.40	17233	21 82–20	0.45
16834	15 88–19	0.33	16914	21 90–20	0.38	16994	22 51–20	0.37	17074	21 89–20	0.37	17154	21 82–20	0.38	17234	19 78–20	0.34
16835	19 86–20	0.37	16915	24 50–20	0.45	16995	20 90–20	0.42	17075	18 69–20	0.42	17155	22 79–20	0.48	17235	19 80–19	0.50
16836	18 91–20	0.43	16916	20 84–20	0.38	16996	19 90–20	0.39	17076	18 89–20	0.40	17156	22 82–20	0.30	17236	20 37–20	0.39
16837	16 93–20	0.45	16917	20 81–20	0.37	16997	20 73–20	0.42	17077	21 55–20	0.42	17157	20 83–20	0.35	17237	19 96–20	0.43
16838	18 86–20	0.36	16918	21 93–20	0.42	16998	18 89–20	0.45	17078	21 91–20	0.41	17158	19 94–20	0.39	17238	19 95–19	0.43
16839	24 49–19	0.37	16919	23 90–20	0.42	16999	18 89–20	0.39	17079	18 81–20	0.39	17159	20 96–20	0.41	17239	19 91–20	0.34
16840	19 84–19	0.38	16920	20 84–20	0.38	17000	17 96–19	0.50	17080	22 80–20	0.41	17160	21 90–20	0.42	17240	20 76–20	0.36
16841	20 91–19	0.48	16921	21 94–20	0.41	17001	18 93–19	0.62	17081	21 85–20	0.45	17161	21 88–20	0.34	17241	21 81–20	0.38
16842	21 89–20	0.40	16922	21 89–20	0.42	17002	19 77–20	0.39	17082	20 91–19	0.39	17162	22 68–20	0.38	17242	20 78–20	0.42
16843	22 77–20	0.42	16923	22 77–20	0.38	17003	19 96–20	0.32	17083	15 75–20	0.34	17163	20 90–19	0.44	17243	19 51–20	0.36
16844	23 56–20	0.40	16924	25 63–20	0.37	17004	19 80–20	0.40	17084	20 90–20	0.46	17164	21 84–20	0.32	17244	20 79–20	0.35
16845	20 86–19	0.44	16925	20 93–20	0.39	17005	23 78–19	0.41	17085	21 53–20	0.37	17165	22 90–20	0.41	17245	21 82–19	0.39
16846	20 94–20	0.41	16926	20 83–20	0.38	17006	21 50–20	0.34	17086	18 93–20	0.39	17166	20 97–20	0.48	17246	21 71–20	0.45
16847	21 78–20	0.31	16927	21 93–20	0.41	17007	21 49–19	0.43	17087	20 71–20	0.39	17167	21 81–20	0.44	17247	19 93–20	0.38
16848	18 76–20	0.38	16928	22 90–20	0.43	17008	20 51–20	0.36	17088	19 76–19	0.41	17168	19 83–20	0.34	17248	17 95–19	0.39
16849	17 71–20	0.39	16929	20 92–20	0.43	17009	21 75–20	0.36	17089	19 60–19	0.68	17169	20 79–19	0.40	17249	20 88–20	0.38
16850	19 89–20	0.41	16930	20 97–20	0.41	17010	20 91–20	0.34	17090	17 93–20	0.39	17170	21 82–19	0.40	17250	22 84–19	0.39
16851	9 93–19	0.43	16931	20 89–20	0.42	17011	21 91–20	0.34	17091	18 96–20	0.41	17171	22 53–20	0.38	17251	18 90–20	0.34
16852	18 95–20	0.36	16932	20 75–20	0.39	17012	21 83–20	0.34	17092	18 73–20	0.41	17172	25 50–20	0.34	17252	22 78–20	0.31
16853	21 97–20	0.41	16933	22 55–20	0.36	17013	19 57–20	0.36	17093	20 82–20	0.38	17173	20 77–20	0.35	17253	20 87–20	0.36
16854	19 93–20	0.46	16934	20 93–20	0.45	17014	20 83–20	0.43	17094	22 50–20	0.45	17174	21 93–19	0.43	17254	22 72–20	0.31
16855	19 81–20	0.35	16935	22 90–20	0.34	17015	18 90–19	0.36	17095	18 78–19	0.42	17175	18 54–19	0.37	17255	19 94–20	0.38
16856	19 91–20	0.40	16936	20 90–20	0.34	17016	20 88–20	0.34	17096	20 86–19	0.44	17176	18 93–20	0.38	17256	20 79–20	0.48
16857	18 93–19	0.47	16937	24 53–20	0.33	17017	17 96–20	0.38	17097	21 73–20	0.43	17177	22 82–20	0.42	17257	19 84–20	0.38
16858	19 76–19	0.33	16938	21 91–20	0.36	17018	18 96–20	0.41	17098	18 94–19	0.45	17178	20 91–19	0.43	17258	22 54–20	0.37
16859	19 94–20	0.30	16939	19 95–20	0.38	17019	19 83–20	0.31	17099	18 92–19	0.45	17179	19 72–19	0.40	17259	16 90–19	0.44
16860	20 76–20	0.38	16940	19 92–20	0.34	17020	19 90–20	0.36	17100	21 91–20	0.40	17180	19 90–19	0.36	17260	18 49–20	0.35
16861	19 96–20	0.37	16941	18 94–20	0.45	17021	21 53–20	0.35	17101	18 83–19	0.38	17181	9 55–19	0.42	17261	21 86–20	0.34
16862	19 94–20	0.38	16942	21 60–20	0.31	17022	19 77–19	0.42	17102	17 90–19	0.42	17182	15 77–18	0.36	17262	19 84–20	0.37
16863	21 55–20	0.39	16943	22 58–20	0.30	17023	19 93–19	0.49	17103	18 91–19	0.41	17183	21 54–20	0.41	17263	19 91–20	0.37
16864	16 93–20	0.33	16944	18 53–20	0.36	17024	18 93–20	0.39	17104	21 90–20	0.41	17184	21 76–19	0.39	17264	20 95–20	0.29
16865	21 66–20	0.39	16945	20 78–20	0.39	17025	19 88–20	0.35	17105	20 83–20	0.40	17185	19 54–20	0.36	17265	20 73–20	0.39
16866	19 89–20	0.34	16946	19 55–20	0.37	17026	19 95–20	0.40	17106	19 96–20	0.42	17186	20 51–19	0.42	17266	20 64–19	0.41
16867	17 82–20	0.37	16947	18 91–20	0.40	17027	21 91–20	0.34	17107	19 94–19	0.43	17187	20 55–20	0.37	17267	19 71–20	0.41
16868	12 77–20	0.37	16948	20 95–20	0.37	17028	18 80–19	0.45	17108	20 84–19	0.48	17188	13 90–20	0.51	17268	22 81–19	0.40
16869	20 80–19	0.39	16949	20 90–19	0.42	17029	20 82–19	0.42	17109	20 77–20	0.30	17189	19 55–20	0.38	17269	22 90–20	0.39
16870	18 95–20	0.42	16950	20 55–19	0.41	17030	21 90–20	0.38	17110	21 96–20	0.41	17190	19 92–20	0.39	17270	21 80–20	0.36
16871	18 92–20	0.35	16951	22 80–20	0.36	17031	18 95–20	0.37	17111	21 79–20	0.37	17191	18 94–19	0.35	17271	19 80–20	0.28
16872	18 92–20	0.33	16952	21 94–20	0.42	17032	20 73–20	0.46	17112	19 82–20	0.34	17192	22 82–20	0.38	17272	22 89–19	0.37
16873	21 50–20	0.37	16953	23 54–20	0.38	17033	19 90–20	0.37	17113	20 95–20	0.41	17193	19 55–20	0.40	17273	19 93–20	0.37
16874	18 96–20	0.41	16954	20 50–19	0.39	17034	19 55–20	0.33	17114	20 90–20	0.39	17194	21 52–20	0.33	17274	12 55–20	0.26
16875	17 90–20	0.36	16955	19 82–20	0.24	17035	19 89–19	0.43	17115	22 81–19	0.45	17195	20 95–19	0.42	17275	23 77–20	0.33
16876	19 93–20	0.38	16956	25 50–20	0.37	17036	19 89–20	0.40	17116	19 93–20	0.39	17196	20 92–20	0.41	17276	22 76–20	0.35
16877	23 93–20	0.41	16957	17 54–20	0.36	17037	20 82–20	0.35	17117	22 71–20	0.37	17197	18 95–20	0.41	17277	18 86–20	0.38
16878	19 89–20	0.29	16958	16 55–20	0.38	17038	20 82–20	0.40	17118	22 93–20	0.38	17198	17 90–20	0.39	17278	19 91–20	0.40
16879	20 77–20	0.37	16959	18 43–19	0.39	17039	19 90–20	0.42	17119	20 92–20	0.38	17199	20 72–20	0.39	17279	19 50–20	0.35
16880	19 89–20	0.37	16960	19 83–19	0.43	17040	19 92–20	0.40	17120	20 84–19	0.46	17200	19 90–20	0.38	17280	17 78–19	0.39

№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms
		″			″			″			″			″			″
17281	20 91–20	0.38	17361	19 78–20	0.42	17441	20 89–20	0.34	17521	20 93–20	0.44	17601	15 95–19	0.31	17681	14 88–20	0.33
17282	20 86–20	0.35	17362	20 78–20	0.39	17442	23 74–20	0.40	17522	21 91–20	0.40	17602	17 94–20	0.40	17682	18 53–19	0.41
17283	20 97–20	0.35	17363	17 78–20	0.41	17443	20 89–20	0.38	17523	20 90–20	0.44	17603	22 55–20	0.34	17683	18 97–19	0.39
17284	18 90–20	0.35	17364	20 78–20	0.36	17444	19 89–20	0.48	17524	21 89–20	0.43	17604	20 95–20	0.41	17684	22 90–20	0.42
17285	23 83–20	0.39	17365	24 54–20	0.33	17445	21 77–20	0.41	17525	19 93–19	0.44	17605	21 85–20	0.39	17685	20 86–20	0.38
17286	19 79–20	0.34	17366	25 79–19	0.39	17446	19 90–20	0.35	17526	20 78–20	0.38	17606	19 82–20	0.36	17686	21 89–20	0.38
17287	20 90–20	0.38	17367	19 79–20	0.36	17447	18 77–20	0.35	17527	20 93–20	0.42	17607	20 93–19	0.39	17687	18 97–19	0.42
17288	20 90–20	0.44	17368	20 79–20	0.38	17448	22 54–20	0.44	17528	20 79–19	0.46	17608	18 95–20	0.47	17688	17 83–20	0.38
17289	19 60–20	0.44	17369	19 54–20	0.43	17449	22 70–20	0.40	17529	22 90–20	0.45	17609	16 53–20	0.34	17689	18 92–19	0.58
17290	18 60–20	0.44	17370	20 80–20	0.41	17450	20 90–20	0.45	17530	19 93–20	0.38	17610	23 54–20	0.36	17690	18 79–20	0.45
17291	19 60–20	0.41	17371	18 81–20	0.43	17451	17 80–19	0.44	17531	21 93–20	0.39	17611	18 95–19	0.52	17691	18 95–20	0.36
17292	20 60–20	0.45	17372	21 77–20	0.39	17452	20 90–20	0.41	17532	22 79–19	0.41	17612	21 71–20	0.48	17692	20 93–20	0.38
17293	19 60–19	0.37	17373	23 81–20	0.48	17453	20 86–20	0.37	17533	21 93–20	0.39	17613	20 54–20	0.40	17693	16 92–19	0.47
17294	21 60–20	0.37	17374	18 81–20	0.40	17454	15 90–19	0.41	17534	22 90–19	0.41	17614	21 95–20	0.39	17694	21 81–20	0.42
17295	19 60–20	0.38	17375	20 81–20	0.44	17455	19 90–19	0.45	17535	20 93–19	0.45	17615	21 76–20	0.37	17695	20 89–20	0.46
17296	23 49–20	0.36	17376	20 76–20	0.40	17456	18 90–19	0.46	17536	22 73–20	0.42	17616	21 92–20	0.41	17696	17 89–19	0.47
17297	20 60–20	0.28	17377	21 54–19	0.40	17457	17 90–19	0.39	17537	21 75–19	0.43	17617	22 56–20	0.35	17697	19 92–19	0.37
17298	17 60–20	0.39	17378	18 81–19	0.43	17458	24 85–19	0.40	17538	20 93–19	0.46	17618	19 82–19	0.46	17698	20 97–20	0.38
17299	20 60–20	0.40	17379	18 81–20	0.45	17459	18 90–19	0.39	17539	20 92–19	0.42	17619	22 82–20	0.35	17699	20 73–20	0.45
17300	15 60–20	0.42	17380	19 81–20	0.41	17460	16 90–19	0.44	17540	22 82–19	0.37	17620	20 95–20	0.39	17700	19 53–19	0.38
17301	19 60–20	0.40	17381	21 79–20	0.43	17461	21 90–20	0.45	17541	18 93–19	0.44	17621	18 95–20	0.36	17701	20 94–20	0.41
17302	20 60–19	0.38	17382	20 81–20	0.36	17462	17 90–19	0.39	17542	16 93–19	0.41	17622	21 84–20	0.43	17702	19 97–19	0.38
17303	17 60–19	0.45	17383	18 81–19	0.38	17463	19 83–20	0.32	17543	19 91–20	0.32	17623	20 95–20	0.36	17703	17 96–19	0.39
17304	17 60–19	0.42	17384	18 77–20	0.31	17464	20 80–19	0.43	17544	18 76–20	0.43	17624	21 54–20	0.42	17704	19 86–19	0.44
17305	20 60–20	0.36	17385	18 81–20	0.43	17465	21 90–19	0.45	17545	19 92–20	0.43	17625	20 96–20	0.44	17705	18 92–20	0.39
17306	18 60–20	0.41	17386	19 81–20	0.44	17466	19 90–20	0.37	17546	17 93–20	0.37	17626	19 85–20	0.33	17706	18 69–20	0.43
17307	23 60–20	0.37	17387	17 79–19	0.49	17467	20 90–19	0.44	17547	17 93–20	0.41	17627	20 94–20	0.37	17707	18 71–20	0.41
17308	20 60–20	0.30	17388	21 81–20	0.38	17468	17 71–19	0.42	17548	18 93–20	0.45	17628	18 86–20	0.36	17708	19 90–20	0.41
17309	19 60–19	0.39	17389	22 81–20	0.43	17469	23 54–20	0.35	17549	18 79–20	0.43	17629	18 96–20	0.40	17709	18 96–20	0.43
17310	18 60–20	0.41	17390	21 78–20	0.43	17470	22 89–20	0.39	17550	18 92–20	0.42	17630	16 96–19	0.45	17710	16 92–19	0.42
17311	21 60–20	0.33	17391	19 81–20	0.39	17471	20 91–20	0.43	17551	19 92–20	0.41	17631	18 81–19	0.48	17711	20 91–20	0.30
17312	22 52–19	0.37	17392	19 78–20	0.38	17472	20 87–20	0.37	17552	19 93–20	0.41	17632	19 94–20	0.39	17712	18 85–20	0.34
17313	23 60–20	0.42	17393	21 78–20	0.47	17473	17 82–20	0.36	17553	18 93–20	0.39	17633	19 90–20	0.35	17713	17 93–20	0.40
17314	25 54–20	0.39	17394	20 78–19	0.42	17474	16 82–20	0.36	17554	15 69–19	0.32	17634	19 80–19	0.39	17714	19 93–20	0.41
17315	20 71–20	0.42	17395	19 81–20	0.41	17475	17 91–20	0.39	17555	18 86–20	0.33	17635	18 87–20	0.41	17715	18 82–20	0.39
17316	20 71–20	0.42	17396	19 50–20	0.41	17476	17 82–20	0.39	17556	17 93–20	0.41	17636	18 96–20	0.43	17716	18 90–19	0.43
17317	19 71–20	0.36	17397	20 77–20	0.44	17477	18 91–20	0.42	17557	17 94–20	0.36	17637	18 96–20	0.38	17717	18 83–19	0.37
17318	19 71–20	0.35	17398	19 82–20	0.36	17478	20 91–20	0.43	17558	19 78–20	0.38	17638	19 91–20	0.35	17718	18 91–20	0.37
17319	16 71–20	0.42	17399	19 54–20	0.36	17479	19 91–20	0.37	17559	18 89–20	0.34	17639	19 95–20	0.41	17719	18 96–20	0.39
17320	21 71–20	0.40	17400	20 85–19	0.37	17480	21 54–20	0.38	17560	17 94–20	0.37	17640	21 55–20	0.41	17720	16 76–19	0.40
17321	18 71–20	0.45	17401	19 85–20	0.44	17481	17 91–20	0.33	17561	19 51–19	0.46	17641	20 95–20	0.45	17721	19 87–20	0.35
17322	19 71–20	0.34	17402	19 85–20	0.38	17482	22 87–20	0.38	17562	18 94–20	0.37	17642	17 94–19	0.35	17722	21 54–19	0.35
17323	22 71–20	0.41	17403	17 76–19	0.58	17483	15 91–20	0.35	17563	19 84–20	0.35	17643	19 96–20	0.39	17723	18 93–19	0.40
17324	20 71–19	0.47	17404	19 86–20	0.37	17484	19 78–20	0.39	17564	18 91–20	0.35	17644	17 89–20	0.30	17724	19 54–19	0.45
17325	18 71–19	0.37	17405	19 86–20	0.37	17485	18 53–19	0.36	17565	19 91–20	0.41	17645	22 89–20	0.36	17725	19 74–20	0.29
17326	17 71–19	0.48	17406	16 87–20	0.39	17486	17 91–20	0.43	17566	17 94–19	0.40	17646	18 91–20	0.34	17726	19 89–20	0.38
17327	20 71–20	0.42	17407	18 87–20	0.37	17487	21 81–20	0.35	17567	21 76–20	0.36	17647	21 80–19	0.39	17727	19 74–20	0.40
17328	20 73–20	0.42	17408	17 87–20	0.32	17488	23 76–20	0.43	17568	19 94–20	0.34	17648	20 92–20	0.43	17728	20 81–20	0.42
17329	22 73–20	0.46	17409	19 88–20	0.35	17489	22 82–20	0.38	17569	23 50–20	0.30	17649	19 91–20	0.38	17729	18 78–20	0.39
17330	19 73–20	0.44	17410	19 88–20	0.39	17490	24 55–20	0.38	17570	20 50–19	0.38	17650	19 92–19	0.41	17730	17 92–20	0.28
17331	18 73–20	0.48	17411	18 88–19	0.40	17491	18 91–20	0.38	17571	21 94–20	0.38	17651	18 90–20	0.34	17731	18 54–19	0.40
17332	18 73–20	0.42	17412	18 88–20	0.40	17492	22 77–20	0.25	17572	21 79–20	0.41	17652	19 91–20	0.36	17732	18 77–20	0.41
17333	18 73–20	0.42	17413	21 88–20	0.43	17493	8 91–19	0.35	17573	20 80–20	0.42	17653	19 96–20	0.40	17733	19 81–19	0.43
17334	20 73–20	0.38	17414	25 88–20	0.36	17494	15 92–20	0.36	17574	21 89–19	0.38	17654	24 54–20	0.42	17734	15 78–20	0.33
17335	20 54–20	0.38	17415	22 88–20	0.44	17495	20 51–20	0.37	17575	20 94–20	0.45	17655	20 87–20	0.37	17735	21 86–20	0.38
17336	23 54–20	0.45	17416	23 88–20	0.35	17496	19 71–20	0.40	17576	21 92–20	0.46	17656	18 91–20	0.39	17736	20 84–20	0.39
17337	20 73–20	0.40	17417	26 88–20	0.40	17497	22 92–20	0.44	17577	22 90–20	0.46	17657	16 77–19	0.39	17737	19 54–20	0.43
17338	20 73–19	0.46	17418	24 77–20	0.38	17498	18 92–20	0.40	17578	18 89–20	0.41	17658	22 60–20	0.34	17738	22 76–19	0.28
17339	18 73–20	0.43	17419	25 84–20	0.47	17499	18 92–20	0.43	17579	18 51–20	0.45	17659	18 89–20	0.41	17739	18 81–20	0.32
17340	20 73–20	0.42	17420	23 78–20	0.41	17500	20 92–20	0.40	17580	20 79–20	0.31	17660	20 84–19	0.45	17740	18 92–20	0.36
17341	18 73–19	0.47	17421	21 88–20	0.44	17501	20 86–20	0.35	17581	21 49–20	0.38	17661	18 85–19	0.41	17741	18 77–19	0.43
17342	18 73–20	0.39	17422	18 88–20	0.39	17502	19 91–20	0.43	17582	18 82–20	0.37	17662	19 87–20	0.33	17742	22 82–20	0.43
17343	22 77–20	0.44	17423	26 77–20	0.43	17503	19 75–20	0.36	17583	19 83–20	0.40	17663	20 91–20	0.47	17743	17 77–20	0.41
17344	19 77–20	0.34	17424	19 88–20	0.37	17504	17 92–20	0.42	17584	19 77–19	0.35	17664	19 71–19	0.42	17744	20 74–20	0.37
17345	20 77–19	0.38	17425	17 88–20	0.38	17505	19 92–20	0.38	17585	19 93–20	0.40	17665	18 96–20	0.39	17745	20 71–20	0.42
17346	20 77–20	0.46	17426	18 80–20	0.38	17506	16 92–20	0.41	17586	17 92–19	0.43	17666	19 94–20	0.36	17746	18 87–20	0.35
17347	22 77–20	0.40	17427	20 89–19	0.42	17507	20 92–20	0.38	17587	23 79–20	0.35	17667	20 90–19	0.45	17747	16 93–20	0.38
17348	19 77–19	0.49	17428	27 54–20	0.36	17508	21 52–20	0.42	17588	19 93–20	0.38	17668	22 92–20	0.41	17748	16 91–20	0.39
17349	22 77–20	0.40	17429	18 89–20	0.39	17509	20 55–20	0.34	17589	18 95–20	0.35	17669	22 75–20	0.38	17749	18 94–20	0.40
17350	19 68–20	0.40	17430	20 89–20	0.34	17510	20 78–20	0.41	17590	17 82–20	0.34	17670	19 93–20	0.39	17750	18 82–19	0.38
17351	21 53–19	0.48	17431	17 89–20	0.38	17511	11 92–19	0.34	17591	23 82–20	0.40	17671	19 96–20	0.38	17751	20 80–20	0.36
17352	18 75–19	0.39	17432	20 89–19	0.42	17512	21 55–20	0.33	17592	19 91–19	0.45	17672	20 96–20	0.35	17752	19 96–20	0.36
17353	19 75–20	0.43	17433	20 89–20	0.43	17513	18 92–19	0.44	17593	17 95–19	0.39	17673	20 96–20	0.39	17753	18 90–19	0.44
17354	20 77–20	0.38	17434	20 89–20	0.46	17514	18 75–19	0.34	17594	21 49–20	0.40	17674	19 92–19	0.55	17754	21 87–20	0.41
17355	18 78–20	0.38	17435	17 89–20	0.37	17515	21 88–19	0.41	17595	17 95–19	0.39	17675	19 91–20	0.43	17755	22 90–20	0.39
17356	18 55–20	0.35	17436	19 89–20	0.39	17516	18 92–19	0.44	17596	23 76–20	0.39	17676	19 97–20	0.41	17756	20 87–20	0.38
17357	20 78–20	0.34	17437	21 89–20	0.38	17517	17 92–19	0.41	17597	18 84–20	0.35	17677	19 92–19	0.36	17757	20 91–20	0.35
17358	18 78–20	0.37	17438	18 84–19	0.39	17518	19 92–20	0.31	17598	19 82–20	0.38	17678	23 92–20	0.39	17758	20 91–20	0.40
17359	21 76–20	0.39	17439	21 89–20	0.45	17519	23 69–20	0.34	17599	20 57–19	0.42	17679	18 71–19	0.41	17759	18 77–19	0.37
17360	18 78–19	0.37	17440	19 78–20	0.35	17520	19 82–19	0.38	17600	21 90–20	0.41	17680	21 92–20	0.43	17760	19 94–20	0.36

№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms
		″			″			″			″			″			″
17761	20 92–20	0.43	17841	19 87–20	0.41	17921	18 96–20	0.37	18001	19 96–20	0.38	18081	18 82–19	0.31	18161	21 79–20	0.39
17762	21 76–19	0.45	17842	19 81–20	0.39	17922	18 95–20	0.38	18002	20 90–20	0.33	18082	21 53–20	0.40	18162	18 93–20	0.40
17763	19 94–20	0.41	17843	22 81–20	0.41	17923	18 91–20	0.39	18003	18 91–20	0.40	18083	20 53–19	0.34	18163	17 95–20	0.41
17764	21 72–20	0.42	17844	19 97–20	0.40	17924	19 78–20	0.37	18004	18 90–20	0.38	18084	22 86–19	0.48	18164	21 93–20	0.43
17765	21 50–19	0.39	17845	20 71–20	0.37	17925	18 77–20	0.42	18005	18 89–20	0.37	18085	19 86–20	0.36	18165	16 75–20	0.39
17766	17 91–20	0.35	17846	20 89–20	0.33	17926	16 96–19	0.41	18006	21 93–20	0.40	18086	19 84–20	0.38	18166	19 92–20	0.37
17767	20 80–20	0.39	17847	18 80–20	0.41	17927	18 90–19	0.42	18007	21 81–20	0.44	18087	19 77–19	0.31	18167	19 91–20	0.40
17768	21 95–20	0.44	17848	21 92–20	0.41	17928	18 54–20	0.34	18008	19 95–19	0.38	18088	19 51–20	0.43	18168	19 82–20	0.39
17769	18 50–20	0.37	17849	21 90–20	0.39	17929	20 87–20	0.43	18009	20 89–19	0.46	18089	19 82–20	0.40	18169	22 50–20	0.33
17770	20 71–20	0.35	17850	20 78–20	0.39	17930	18 93–19	0.40	18010	21 90–20	0.40	18090	23 54–20	0.37	18170	17 87–20	0.43
17771	22 92–20	0.42	17851	20 76–20	0.34	17931	20 95–20	0.41	18011	22 92–20	0.38	18091	20 82–19	0.40	18171	19 92–19	0.40
17772	21 76–20	0.40	17852	16 94–20	0.44	17932	18 53–20	0.44	18012	20 88–20	0.36	18092	20 91–19	0.39	18172	11 77–20	0.27
17773	20 94–20	0.42	17853	20 92–20	0.41	17933	18 90–19	0.36	18013	20 91–20	0.37	18093	19 77–20	0.30	18173	18 92–20	0.45
17774	20 83–20	0.35	17854	20 92–20	0.36	17934	19 82–20	0.44	18014	20 93–20	0.47	18094	22 83–20	0.36	18174	18 79–20	0.36
17775	18 91–20	0.42	17855	23 51–20	0.36	17935	20 94–20	0.39	18015	19 94–20	0.40	18095	19 92–20	0.39	18175	22 91–19	0.48
17776	19 94–20	0.34	17856	20 95–20	0.38	17936	18 91–19	0.43	18016	18 96–20	0.37	18096	19 74–20	0.34	18176	20 79–20	0.49
17777	16 96–19	0.49	17857	20 76–20	0.38	17937	18 87–20	0.36	18017	22 81–20	0.38	18097	18 96–20	0.37	18177	21 91–20	0.36
17778	19 87–20	0.37	17858	21 80–19	0.35	17938	18 77–20	0.40	18018	17 92–19	0.50	18098	22 81–20	0.37	18178	19 74–19	0.45
17779	21 74–19	0.40	17859	21 79–20	0.32	17939	20 53–19	0.39	18019	17 86–20	0.41	18099	19 91–19	0.47	18179	19 78–20	0.36
17780	20 93–20	0.38	17860	20 91–20	0.40	17940	17 95–20	0.42	18020	20 93–19	0.44	18100	20 83–20	0.34	18180	17 96–19	0.37
17781	19 91–20	0.41	17861	22 80–20	0.33	17941	16 90–20	0.39	18021	20 71–20	0.40	18101	18 90–20	0.41	18181	20 78–20	0.31
17782	20 53–20	0.34	17862	20 82–19	0.36	17942	19 91–20	0.40	18022	20 92–20	0.40	18102	18 93–19	0.41	18182	20 91–19	0.38
17783	16 92–19	0.42	17863	19 79–20	0.50	17943	19 81–20	0.36	18023	20 91–20	0.38	18103	21 79–20	0.35	18183	21 71–20	0.36
17784	20 81–20	0.42	17864	19 84–19	0.39	17944	19 78–19	0.44	18024	21 93–20	0.44	18104	23 82–20	0.40	18184	21 88–20	0.40
17785	20 76–20	0.37	17865	20 96–20	0.39	17945	19 91–20	0.43	18025	19 91–19	0.42	18105	21 84–20	0.41	18185	21 61–20	0.44
17786	24 75–20	0.41	17866	19 80–20	0.41	17946	20 89–20	0.44	18026	18 90–20	0.38	18106	8 77–20	0.42	18186	21 90–20	0.40
17787	20 60–20	0.45	17867	23 50–20	0.45	17947	22 79–20	0.45	18027	19 92–19	0.39	18107	19 78–20	0.38	18187	19 94–19	0.37
17788	20 77–20	0.43	17868	19 78–20	0.35	17948	23 50–20	0.40	18028	18 96–20	0.39	18108	19 84–20	0.35	18188	19 92–20	0.33
17789	19 91–20	0.36	17869	18 91–20	0.42	17949	19 78–20	0.41	18029	19 82–20	0.34	18109	17 51–20	0.28	18189	19 81–20	0.40
17790	20 93–20	0.45	17870	21 55–19	0.42	17950	18 89–20	0.41	18030	19 91–20	0.38	18110	18 96–20	0.36	18190	19 92–19	0.44
17791	19 81–20	0.32	17871	22 79–20	0.34	17951	17 86–19	0.41	18031	18 97–20	0.30	18111	20 91–20	0.43	18191	20 82–20	0.43
17792	18 77–19	0.48	17872	20 87–20	0.37	17952	19 82–20	0.43	18032	21 88–20	0.38	18112	22 80–20	0.39	18192	20 89–20	0.41
17793	20 87–20	0.39	17873	19 90–20	0.39	17953	21 83–20	0.42	18033	19 84–20	0.47	18113	20 83–20	0.35	18193	17 91–19	0.43
17794	20 91–20	0.42	17874	24 51–20	0.43	17954	18 75–20	0.37	18034	19 79–19	0.43	18114	20 82–20	0.34	18194	20 94–20	0.42
17795	18 96–20	0.36	17875	17 82–20	0.39	17955	19 77–20	0.46	18035	18 89–19	0.42	18115	20 75–20	0.48	18195	17 90–19	0.37
17796	20 72–20	0.33	17876	18 71–20	0.37	17956	16 92–19	0.38	18036	22 78–20	0.44	18116	18 73–20	0.38	18196	19 89–20	0.38
17797	20 53–20	0.37	17877	19 94–20	0.34	17957	16 73–19	0.51	18037	24 54–20	0.38	18117	19 93–20	0.35	18197	18 60–20	0.41
17798	22 78–20	0.44	17878	19 92–20	0.38	17958	19 80–20	0.40	18038	20 78–20	0.41	18118	17 91–19	0.39	18198	19 60–19	0.47
17799	18 76–20	0.37	17879	18 92–20	0.41	17959	20 91–20	0.38	18039	19 84–19	0.35	18119	18 90–20	0.41	18199	19 60–19	0.40
17800	20 94–20	0.39	17880	20 55–20	0.34	17960	20 95–20	0.40	18040	20 86–20	0.38	18120	19 79–20	0.38	18200	19 60–20	0.39
17801	21 92–20	0.41	17881	19 90–20	0.40	17961	19 75–20	0.37	18041	21 57–20	0.36	18121	22 93–20	0.38	18201	18 60–19	0.49
17802	20 81–20	0.35	17882	19 82–20	0.44	17962	21 82–20	0.41	18042	21 51–19	0.42	18122	22 76–20	0.36	18202	22 60–20	0.41
17803	21 82–20	0.39	17883	20 89–20	0.40	17963	17 96–20	0.38	18043	20 90–20	0.39	18123	20 90–20	0.45	18203	21 60–20	0.44
17804	21 90–20	0.38	17884	19 93–20	0.39	17964	23 69–20	0.38	18044	19 95–20	0.38	18124	19 90–20	0.41	18204	20 60–20	0.41
17805	19 95–19	0.46	17885	20 90–20	0.44	17965	19 91–20	0.41	18045	21 84–20	0.36	18125	20 93–20	0.44	18205	19 60–20	0.38
17806	18 82–20	0.38	17886	19 91–19	0.38	17966	20 51–20	0.32	18046	24 78–20	0.33	18126	20 76–20	0.38	18206	17 60–20	0.38
17807	20 91–20	0.31	17887	17 96–19	0.41	17967	20 50–20	0.41	18047	23 89–20	0.34	18127	23 76–20	0.42	18207	18 60–20	0.41
17808	20 96–20	0.45	17888	19 79–20	0.37	17968	22 77–20	0.39	18048	19 96–20	0.40	18128	19 92–20	0.41	18208	19 60–20	0.34
17809	20 92–20	0.33	17889	20 77–20	0.39	17969	20 86–20	0.44	18049	19 55–20	0.31	18129	18 81–20	0.31	18209	20 60–20	0.42
17810	19 94–20	0.34	17890	20 73–20	0.29	17970	18 92–20	0.42	18050	20 82–19	0.38	18130	18 89–20	0.38	18210	20 60–20	0.41
17811	21 70–20	0.35	17891	19 91–20	0.45	17971	21 92–20	0.41	18051	19 82–19	0.42	18131	21 93–20	0.41	18211	17 51–19	0.41
17812	20 88–20	0.39	17892	17 92–19	0.43	17972	19 96–20	0.38	18052	22 81–20	0.29	18132	22 79–20	0.38	18212	22 60–20	0.38
17813	21 90–20	0.38	17893	19 86–20	0.40	17973	21 72–20	0.34	18053	19 82–20	0.36	18133	19 96–20	0.34	18213	18 60–20	0.37
17814	24 49–20	0.31	17894	19 85–20	0.41	17974	19 86–19	0.40	18054	25 55–20	0.29	18134	20 82–20	0.34	18214	20 60–20	0.39
17815	18 94–20	0.37	17895	19 90–20	0.44	17975	19 79–20	0.40	18055	22 53–20	0.38	18135	21 92–20	0.40	18215	20 60–19	0.40
17816	21 92–20	0.45	17896	16 92–19	0.39	17976	17 93–20	0.40	18056	19 84–20	0.39	18136	19 92–20	0.39	18216	19 60–19	0.41
17817	19 90–20	0.37	17897	19 88–20	0.43	17977	20 91–20	0.38	18057	21 52–20	0.33	18137	27 53–20	0.37	18217	18 60–20	0.38
17818	20 91–20	0.30	17898	18 81–20	0.39	17978	17 95–19	0.41	18058	21 73–19	0.42	18138	16 96–20	0.39	18218	21 51–20	0.42
17819	19 95–20	0.43	17899	19 90–20	0.42	17979	22 90–20	0.35	18059	19 80–19	0.45	18139	18 95–19	0.45	18219	24 60–20	0.31
17820	20 94–20	0.44	17900	18 82–20	0.45	17980	20 77–20	0.41	18060	21 93–19	0.42	18140	20 83–20	0.32	18220	21 60–20	0.46
17821	17 52–19	0.46	17901	20 78–20	0.40	17981	22 79–20	0.37	18061	18 78–20	0.38	18141	20 79–19	0.45	18221	18 60–20	0.36
17822	21 78–20	0.39	17902	19 90–20	0.43	17982	21 78–20	0.42	18062	24 53–19	0.45	18142	18 90–19	0.44	18222	19 60–20	0.34
17823	17 92–20	0.38	17903	19 96–20	0.40	17983	22 88–20	0.40	18063	23 74–19	0.42	18143	19 86–20	0.36	18223	17 60–20	0.42
17824	16 53–20	0.35	17904	16 92–20	0.44	17984	19 96–20	0.43	18064	22 53–20	0.30	18144	20 92–20	0.41	18224	19 60–19	0.35
17825	20 97–20	0.41	17905	17 95–20	0.35	17985	18 92–20	0.37	18065	20 91–19	0.45	18145	20 92–20	0.38	18225	19 60–19	0.39
17826	20 82–20	0.42	17906	22 54–19	0.55	17986	18 91–19	0.38	18066	22 77–19	0.43	18146	19 85–20	0.41	18226	21 51–20	0.40
17827	23 81–20	0.33	17907	19 91–19	0.46	17987	20 94–20	0.42	18067	20 55–19	0.28	18147	19 96–20	0.38	18227	18 53–20	0.33
17828	19 95–19	0.43	17908	18 92–20	0.38	17988	20 89–20	0.43	18068	21 82–19	0.42	18148	22 78–20	0.37	18228	21 71–20	0.39
17829	21 78–20	0.42	17909	18 91–20	0.41	17989	21 71–20	0.35	18069	19 83–20	0.32	18149	18 91–19	0.47	18229	19 71–20	0.43
17830	20 90–20	0.38	17910	19 91–20	0.40	17990	21 78–20	0.38	18070	21 50–20	0.33	18150	20 91–20	0.38	18230	18 71–20	0.41
17831	20 91–20	0.39	17911	19 78–19	0.42	17991	17 92–20	0.40	18071	26 51–20	0.40	18151	20 62–20	0.39	18231	16 71–20	0.49
17832	20 93–19	0.39	17912	21 85–20	0.37	17992	18 77–20	0.40	18072	20 86–20	0.40	18152	21 90–20	0.36	18232	20 35–20	0.33
17833	24 56–20	0.34	17913	18 93–20	0.37	17993	18 90–20	0.42	18073	20 85–19	0.39	18153	21 72–20	0.37	18233	20 71–20	0.44
17834	22 69–20	0.39	17914	20 81–20	0.38	17994	25 79–20	0.33	18074	17 54–20	0.36	18154	20 91–19	0.41	18234	20 71–20	0.42
17835	19 74–20	0.43	17915	17 92–19	0.46	17995	18 93–20	0.43	18075	21 82–20	0.46	18155	18 94–19	0.43	18235	20 73–19	0.45
17836	17 60–20	0.43	17916	20 90–20	0.42	17996	18 86–20	0.36	18076	19 80–20	0.39	18156	18 92–20	0.50	18236	22 55–20	0.33
17837	21 92–20	0.41	17917	21 92–20	0.43	17997	20 82–20	0.36	18077	21 76–20	0.35	18157	17 91–19	0.46	18237	18 73–19	0.33
17838	20 95–20	0.34	17918	18 97–19	0.36	17998	20 77–20	0.40	18078	21 73–19	0.39	18158	19 78–20	0.36	18238	18 73–20	0.50
17839	22 51–20	0.36	17919	22 53–20	0.43	17999	21 50–20	0.46	18079	19 80–20	0.33	18159	18 78–20	0.34	18239	19 73–20	0.47
17840	20 86–20	0.33	17920	19 60–20	0.43	18000	20 82–20	0.37	18080	20 92–20	0.39	18160	20 90–20	0.49	18240	19 73–19	0.56

№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms
		″			″			″			″			″			″
18241	20 73–20	0.34	18321	20 82–20	0.39	18401	18 92–19	0.40	18481	17 95–19	0.37	18561	19 97–19	0.41	18641	23 69–20	0.31
18242	19 73–19	0.41	18322	19 82–20	0.40	18402	18 71–20	0.42	18482	21 54–20	0.38	18562	20 91–20	0.38	18642	15 77–19	0.38
18243	20 73–19	0.41	18323	20 83–20	0.39	18403	16 79–19	0.43	18483	23 55–20	0.38	18563	20 92–20	0.37	18643	21 69–20	0.34
18244	18 73–20	0.42	18324	20 84–20	0.40	18404	19 91–20	0.32	18484	21 35–19	0.41	18564	23 78–20	0.40	18644	20 91–20	0.42
18245	20 73–20	0.45	18325	22 51–20	0.40	18405	21 88–20	0.38	18485	20 85–20	0.39	18565	18 93–19	0.40	18645	24 71–20	0.39
18246	20 73–20	0.39	18326	21 85–20	0.41	18406	20 91–19	0.44	18486	20 85–19	0.40	18566	20 51–20	0.36	18646	20 87–20	0.39
18247	17 73–19	0.43	18327	21 72–19	0.45	18407	20 85–20	0.41	18487	20 90–19	0.34	18567	21 50–19	0.38	18647	16 92–19	0.50
18248	18 73–19	0.49	18328	18 85–20	0.37	18408	20 93–20	0.42	18488	21 96–20	0.30	18568	25 56–20	0.35	18648	17 54–19	0.41
18249	17 73–19	0.53	18329	19 86–20	0.39	18409	17 78–20	0.39	18489	20 82–20	0.29	18569	20 75–20	0.34	18649	21 54–20	0.38
18250	24 71–20	0.42	18330	17 87–19	0.41	18410	20 93–19	0.41	18490	19 86–20	0.37	18570	18 87–19	0.39	18650	17 95–20	0.40
18251	16 73–19	0.48	18331	20 87–20	0.27	18411	21 90–20	0.49	18491	20 50–20	0.38	18571	19 88–19	0.36	18651	19 83–20	0.35
18252	18 73–20	0.45	18332	20 87–20	0.41	18412	19 92–19	0.39	18492	21 54–20	0.39	18572	17 93–19	0.43	18652	20 77–19	0.37
18253	19 73–20	0.40	18333	19 87–20	0.43	18413	21 73–20	0.45	18493	22 89–20	0.40	18573	19 89–19	0.42	18653	20 54–20	0.33
18254	20 73–20	0.36	18334	19 87–19	0.41	18414	20 37–20	0.35	18494	16 96–20	0.38	18574	21 53–20	0.42	18654	19 96–20	0.37
18255	19 73–20	0.44	18335	20 87–20	0.43	18415	19 90–19	0.41	18495	19 90–20	0.38	18575	18 73–19	0.44	18655	19 95–20	0.36
18256	20 73–20	0.41	18336	19 77–20	0.35	18416	20 76–20	0.39	18496	19 95–20	0.38	18576	18 92–20	0.39	18656	19 78–20	0.35
18257	21 73–20	0.38	18337	21 88–20	0.37	18417	19 90–19	0.40	18497	19 93–20	0.37	18577	18 79–20	0.35	18657	19 93–20	0.39
18258	21 73–20	0.37	18338	19 89–20	0.40	18418	16 83–19	0.40	18498	17 96–20	0.44	18578	18 92–19	0.40	18658	19 78–20	0.37
18259	18 73–20	0.44	18339	21 89–20	0.42	18419	19 92–20	0.43	18499	18 95–20	0.43	18579	22 55–20	0.44	18659	18 77–20	0.41
18260	14 73–19	0.34	18340	18 89–19	0.71	18420	18 49–20	0.41	18500	19 86–20	0.44	18580	18 53–19	0.43	18660	19 71–20	0.39
18261	17 73–19	0.52	18341	24 50–20	0.33	18421	19 90–20	0.37	18501	17 96–19	0.38	18581	22 53–20	0.35	18661	19 95–20	0.38
18262	22 73–20	0.42	18342	18 89–20	0.36	18422	20 53–20	0.38	18502	16 94–20	0.31	18582	19 84–20	0.28	18662	19 94–20	0.38
18263	21 73–20	0.42	18343	19 78–20	0.41	18423	18 86–19	0.44	18503	18 88–20	0.33	18583	18 89–19	0.44	18663	20 91–20	0.41
18264	20 73–20	0.46	18344	18 82–20	0.39	18424	20 54–19	0.48	18504	17 86–19	0.41	18584	18 92–19	0.41	18664	17 93–19	0.39
18265	18 77–20	0.41	18345	20 89–20	0.39	18425	18 93–20	0.37	18505	18 86–19	0.40	18585	17 92–20	0.42	18665	19 94–20	0.40
18266	20 77–19	0.41	18346	19 89–20	0.36	18426	18 93–20	0.39	18506	18 92–20	0.38	18586	18 91–20	0.44	18666	21 55–20	0.38
18267	19 76–19	0.42	18347	18 89–20	0.35	18427	17 82–20	0.36	18507	20 86–20	0.44	18587	18 93–19	0.44	18667	18 80–20	0.34
18268	21 77–20	0.49	18348	20 90–20	0.30	18428	16 94–20	0.37	18508	18 96–20	0.37	18588	19 95–20	0.44	18668	18 77–20	0.42
18269	19 77–20	0.38	18349	18 90–19	0.51	18429	19 85–20	0.27	18509	19 88–20	0.35	18589	17 93–19	0.44	18669	21 92–20	0.45
18270	18 77–19	0.47	18350	17 90–19	0.38	18430	19 89–20	0.35	18510	20 77–20	0.40	18590	19 78–20	0.32	18670	21 82–20	0.37
18271	20 73–20	0.39	18351	21 90–20	0.37	18431	17 93–20	0.41	18511	17 96–19	0.41	18591	19 94–20	0.35	18671	19 82–20	0.34
18272	19 73–19	0.48	18352	20 90–20	0.45	18432	19 91–19	0.37	18512	17 94–20	0.33	18592	18 71–20	0.38	18672	17 96–19	0.44
18273	19 51–19	0.42	18353	20 90–20	0.39	18433	19 90–19	0.37	18513	19 51–19	0.37	18593	17 96–20	0.42	18673	22 91–20	0.41
18274	20 77–20	0.37	18354	20 85–20	0.39	18434	21 80–20	0.29	18514	13 89–19	0.46	18594	17 88–19	0.46	18674	20 53–20	0.36
18275	19 77–20	0.41	18355	19 76–20	0.40	18435	19 90–20	0.38	18515	19 94–20	0.34	18595	18 89–20	0.36	18675	21 87–20	0.42
18276	19 77–20	0.39	18356	20 76–20	0.38	18436	18 94–20	0.44	18516	20 85–20	0.35	18596	19 91–20	0.34	18676	18 75–20	0.37
18277	21 77–20	0.42	18357	18 77–20	0.35	18437	21 92–19	0.35	18517	22 81–20	0.38	18597	18 54–20	0.43	18677	23 54–20	0.36
18278	23 77–20	0.44	18358	18 90–20	0.43	18438	18 78–20	0.37	18518	17 96–20	0.34	18598	20 82–20	0.32	18678	18 94–20	0.38
18279	21 77–20	0.33	18359	21 84–19	0.40	18439	20 89–20	0.33	18519	19 96–20	0.39	18599	16 95–19	0.40	18679	17 93–19	0.43
18280	19 77–20	0.32	18360	20 84–20	0.37	18440	20 93–20	0.39	18520	18 91–20	0.42	18600	18 95–20	0.41	18680	17 78–20	0.38
18281	23 77–20	0.44	18361	19 88–20	0.39	18441	19 94–20	0.43	18521	19 79–19	0.42	18601	18 91–20	0.41	18681	17 91–20	0.41
18282	24 77–20	0.32	18362	21 90–20	0.41	18442	16 94–20	0.46	18522	18 92–19	0.43	18602	18 92–20	0.42	18682	20 95–20	0.39
18283	18 77–20	0.35	18363	19 90–20	0.32	18443	19 94–19	0.42	18523	18 94–19	0.40	18603	19 77–20	0.36	18683	21 84–20	0.41
18284	17 70–19	0.53	18364	20 90–20	0.43	18444	22 92–20	0.35	18524	20 80–20	0.37	18604	18 55–20	0.43	18684	20 95–20	0.42
18285	20 50–20	0.31	18365	21 90–20	0.31	18445	19 94–20	0.39	18525	16 96–20	0.39	18605	20 91–20	0.45	18685	18 95–19	0.44
18286	21 54–20	0.35	18366	18 62–19	0.41	18446	20 91–20	0.42	18526	18 95–20	0.44	18606	18 94–20	0.42	18686	19 95–20	0.38
18287	20 51–20	0.37	18367	22 54–20	0.42	18447	20 92–20	0.42	18527	24 51–20	0.35	18607	17 98–20	0.39	18687	20 93–20	0.47
18288	23 75–20	0.39	18368	18 91–20	0.32	18448	21 92–20	0.46	18528	15 92–19	0.46	18608	18 96–20	0.42	18688	20 96–20	0.41
18289	19 76–20	0.40	18369	19 91–20	0.34	18449	22 92–20	0.42	18529	17 92–19	0.37	18609	20 86–20	0.33	18689	20 91–20	0.40
18290	20 70–20	0.39	18370	21 79–19	0.38	18450	22 82–19	0.42	18530	21 89–20	0.40	18610	18 88–19	0.65	18690	19 93–20	0.39
18291	19 77–19	0.46	18371	20 49–19	0.44	18451	18 94–19	0.45	18531	21 92–20	0.43	18611	19 91–20	0.34	18691	20 92–20	0.41
18292	20 77–19	0.52	18372	19 91–20	0.43	18452	21 94–20	0.39	18532	18 94–20	0.43	18612	19 90–20	0.42	18692	21 92–20	0.39
18293	24 74–20	0.39	18373	18 91–20	0.40	18453	22 55–20	0.42	18533	17 96–20	0.37	18613	19 93–20	0.41	18693	18 96–20	0.37
18294	20 78–20	0.40	18374	19 91–20	0.41	18454	22 51–20	0.37	18534	20 90–19	0.43	18614	19 87–20	0.32	18694	19 88–20	0.40
18295	19 78–20	0.32	18375	20 53–20	0.36	18455	17 79–19	0.40	18535	20 87–20	0.34	18615	19 91–20	0.34	18695	19 90–20	0.41
18296	20 78–20	0.41	18376	18 88–20	0.33	18456	16 95–19	0.42	18536	19 91–20	0.44	18616	18 95–20	0.35	18696	20 90–19	0.52
18297	18 78–20	0.43	18377	21 91–20	0.40	18457	24 50–20	0.35	18537	19 93–20	0.36	18617	20 77–20	0.32	18697	20 97–20	0.44
18298	19 79–19	0.49	18378	21 83–19	0.41	18458	21 88–20	0.43	18538	18 96–20	0.38	18618	18 86–20	0.35	18698	17 77–20	0.41
18299	18 79–20	0.40	18379	19 91–20	0.38	18459	18 95–20	0.39	18539	18 79–19	0.42	18619	20 72–20	0.37	18699	20 84–20	0.43
18300	22 79–20	0.47	18380	19 91–20	0.39	18460	20 91–19	0.42	18540	18 91–20	0.40	18620	16 93–19	0.35	18700	21 90–19	0.40
18301	19 79–19	0.36	18381	19 90–20	0.38	18461	18 94–20	0.38	18541	20 90–19	0.43	18621	18 90–20	0.34	18701	21 93–20	0.40
18302	21 80–20	0.37	18382	19 74–20	0.40	18462	20 86–19	0.44	18542	19 90–20	0.39	18622	18 82–20	0.39	18702	15 79–18	0.46
18303	18 80–20	0.37	18383	21 89–20	0.45	18463	18 95–19	0.37	18543	20 97–20	0.33	18623	19 92–20	0.42	18703	20 97–20	0.41
18304	17 81–19	0.37	18384	19 77–20	0.43	18464	18 81–20	0.37	18544	22 84–20	0.35	18624	22 89–20	0.43	18704	19 95–19	0.49
18305	19 81–20	0.41	18385	20 89–19	0.46	18465	20 93–20	0.44	18545	20 80–19	0.40	18625	20 81–19	0.39	18705	22 82–20	0.40
18306	18 79–20	0.44	18386	18 92–20	0.45	18466	17 95–20	0.45	18546	21 50–20	0.36	18626	15 91–19	0.45	18706	20 92–20	0.47
18307	20 78–20	0.39	18387	18 92–20	0.42	18467	19 95–20	0.40	18547	21 77–19	0.43	18627	20 89–20	0.34	18707	16 94–18	0.46
18308	16 81–19	0.44	18388	18 92–20	0.38	18468	21 88–20	0.42	18548	19 97–20	0.42	18628	17 74–19	0.36	18708	18 90–19	0.45
18309	19 81–20	0.41	18389	19 86–20	0.42	18469	21 93–19	0.44	18549	23 55–20	0.35	18629	17 95–19	0.37	18709	19 91–20	0.42
18310	19 81–20	0.41	18390	23 71–20	0.36	18470	19 91–19	0.43	18550	18 97–19	0.40	18630	21 55–20	0.36	18710	23 54–20	0.43
18311	17 81–20	0.41	18391	19 91–20	0.38	18471	19 95–20	0.34	18551	19 96–20	0.39	18631	18 82–20	0.30	18711	19 91–20	0.40
18312	17 81–19	0.41	18392	18 92–20	0.35	18472	18 76–20	0.37	18552	18 97–20	0.35	18632	21 85–19	0.40	18712	19 75–20	0.36
18313	24 71–20	0.43	18393	18 74–20	0.36	18473	19 91–20	0.39	18553	20 92–20	0.39	18633	23 54–20	0.37	18713	20 92–20	0.43
18314	19 81–19	0.42	18394	19 92–20	0.40	18474	17 95–19	0.34	18554	19 89–19	0.43	18634	20 82–20	0.41	18714	19 93–19	0.47
18315	22 75–20	0.40	18395	20 81–20	0.39	18475	17 95–19	0.41	18555	19 90–20	0.40	18635	18 91–19	0.36	18715	20 90–20	0.39
18316	20 81–20	0.40	18396	17 92–20	0.39	18476	22 83–20	0.39	18556	18 97–19	0.41	18636	20 83–19	0.45	18716	21 92–20	0.35
18317	19 51–19	0.43	18397	21 55–20	0.30	18477	19 95–20	0.45	18557	20 95–19	0.45	18637	18 80–20	0.39	18717	21 60–20	0.38
18318	19 78–20	0.46	18398	19 81–19	0.44	18478	21 90–19	0.41	18558	21 72–20	0.41	18638	19 93–20	0.42	18718	19 89–20	0.37
18319	19 81–20	0.45	18399	21 90–19	0.37	18479	19 95–19	0.41	18559	20 93–20	0.41	18639	19 95–20	0.41	18719	17 90–19	0.42
18320	19 81–20	0.36	18400	19 92–20	0.43	18480	21 77–20	0.44	18560	19 97–20	0.39	18640	19 83–20	0.32	18720	20 97–20	0.42

№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms
		″			″			″			″			″			″
18721	20 97–20	0.42	18801	18 92–20	0.38	18881	19 80–20	0.27	18961	18 89–20	0.38	19041	19 60–20	0.33	19121	18 85–19	0.40
18722	22 93–20	0.38	18802	18 91–20	0.37	18882	15 54–20	0.41	18962	19 90–20	0.43	19042	22 60–20	0.38	19122	20 74–20	0.40
18723	21 82–20	0.39	18803	18 79–20	0.42	18883	21 76–19	0.45	18963	22 84–20	0.40	19043	18 60–20	0.36	19123	19 79–20	0.37
18724	21 91–20	0.34	18804	19 91–20	0.32	18884	22 52–20	0.36	18964	19 91–19	0.41	19044	15 60–19	0.46	19124	19 86–20	0.36
18725	23 51–20	0.35	18805	17 73–19	0.41	18885	20 89–20	0.38	18965	19 90–20	0.41	19045	17 60–19	0.42	19125	21 82–20	0.42
18726	17 78–20	0.38	18806	19 91–20	0.40	18886	18 51–20	0.35	18966	16 96–19	0.46	19046	17 60–20	0.38	19126	19 54–19	0.39
18727	21 90–20	0.40	18807	19 80–20	0.38	18887	18 81–20	0.40	18967	20 72–20	0.34	19047	20 60–19	0.49	19127	17 71–20	0.36
18728	19 84–20	0.43	18808	18 94–19	0.40	18888	24 80–20	0.39	18968	20 77–20	0.39	19048	19 60–20	0.37	19128	19 87–20	0.36
18729	20 92–19	0.41	18809	20 91–20	0.41	18889	19 89–20	0.33	18969	19 79–20	0.37	19049	20 71–20	0.38	19129	18 88–19	0.42
18730	20 92–19	0.40	18810	19 94–20	0.36	18890	18 84–19	0.34	18970	19 93–20	0.43	19050	19 71–20	0.49	19130	19 88–20	0.31
18731	20 95–20	0.40	18811	20 96–20	0.40	18891	19 81–19	0.46	18971	24 82–20	0.34	19051	17 71–19	0.46	19131	19 81–20	0.36
18732	21 92–20	0.36	18812	22 84–20	0.34	18892	20 92–20	0.38	18972	23 76–20	0.39	19052	20 73–20	0.50	19132	17 88–20	0.39
18733	18 90–20	0.35	18813	19 77–20	0.33	18893	20 79–19	0.43	18973	18 96–20	0.34	19053	22 73–20	0.43	19133	23 52–20	0.33
18734	17 91–19	0.38	18814	19 75–19	0.41	18894	19 81–20	0.40	18974	18 81–20	0.36	19054	18 73–19	0.42	19134	18 32–20	0.36
18735	23 71–19	0.38	18815	20 90–20	0.38	18895	22 53–19	0.32	18975	19 89–20	0.37	19055	20 73–20	0.43	19135	17 88–19	0.40
18736	18 54–19	0.27	18816	19 87–20	0.37	18896	21 79–20	0.32	18976	18 92–20	0.44	19056	19 73–20	0.43	19136	19 89–19	0.41
18737	19 84–20	0.38	18817	18 91–20	0.41	18897	24 51–20	0.30	18977	23 55–20	0.39	19057	20 73–20	0.37	19137	18 89–20	0.35
18738	20 54–19	0.40	18818	18 50–19	0.32	18898	22 50–19	0.43	18978	19 79–19	0.34	19058	18 51–20	0.45	19138	18 89–20	0.41
18739	20 77–20	0.38	18819	21 71–20	0.39	18899	16 90–20	0.35	18979	21 82–20	0.37	19059	20 73–20	0.43	19139	20 89–19	0.53
18740	20 55–20	0.41	18820	19 93–20	0.34	18900	22 51–20	0.31	18980	20 90–20	0.42	19060	17 73–20	0.40	19140	20 55–20	0.37
18741	17 86–20	0.32	18821	22 83–19	0.41	18901	20 95–20	0.31	18981	19 96–20	0.37	19061	18 73–20	0.43	19141	17 89–19	0.40
18742	20 51–20	0.37	18822	20 92–19	0.43	18902	19 80–20	0.37	18982	20 78–20	0.38	19062	19 73–20	0.45	19142	18 89–20	0.46
18743	19 91–19	0.38	18823	19 83–20	0.37	18903	22 80–20	0.33	18983	18 81–20	0.38	19063	18 73–19	0.41	19143	18 89–19	0.41
18744	23 54–20	0.34	18824	19 80–20	0.39	18904	20 78–20	0.40	18984	22 75–20	0.34	19064	19 73–20	0.42	19144	25 82–20	0.35
18745	19 55–20	0.36	18825	19 96–20	0.40	18905	20 83–20	0.44	18985	19 92–20	0.41	19065	20 51–20	0.39	19145	18 89–20	0.37
18746	16 95–20	0.28	18826	19 81–20	0.36	18906	22 77–20	0.39	18986	22 92–20	0.33	19066	17 73–20	0.42	19146	18 89–20	0.39
18747	19 77–20	0.39	18827	20 89–20	0.35	18907	20 85–20	0.40	18987	17 90–19	0.43	19067	20 73–19	0.35	19147	20 76–20	0.36
18748	17 89–19	0.51	18828	21 94–20	0.38	18908	19 77–20	0.34	18988	19 91–20	0.35	19068	19 54–20	0.32	19148	23 75–20	0.36
18749	16 89–19	0.42	18829	20 79–20	0.36	18909	21 89–20	0.38	18989	21 54–20	0.40	19069	19 73–19	0.46	19149	21 90–20	0.40
18750	19 91–20	0.43	18830	18 93–19	0.40	18910	18 90–19	0.41	18990	18 92–20	0.36	19070	19 73–19	0.43	19150	21 74–20	0.33
18751	18 93–19	0.54	18831	18 92–20	0.37	18911	20 88–20	0.39	18991	18 69–19	0.42	19071	20 77–20	0.40	19151	18 90–19	0.41
18752	19 83–19	0.39	18832	17 94–19	0.61	18912	20 86–19	0.41	18992	19 92–19	0.54	19072	21 77–20	0.46	19152	19 90–20	0.33
18753	20 91–20	0.36	18833	19 94–20	0.33	18913	19 78–20	0.32	18993	22 79–20	0.55	19073	19 77–19	0.45	19153	16 90–19	0.40
18754	18 78–20	0.32	18834	17 95–19	0.37	18914	19 94–20	0.50	18994	18 89–20	0.36	19074	20 77–20	0.44	19154	17 90–20	0.38
18755	19 92–19	0.39	18835	19 89–20	0.30	18915	20 93–20	0.36	18995	19 92–20	0.35	19075	19 77–20	0.44	19155	20 54–20	0.30
18756	18 90–20	0.39	18836	18 93–19	0.43	18916	13 54–19	0.37	18996	22 78–20	0.24	19076	19 77–20	0.37	19156	20 90–20	0.38
18757	21 50–20	0.37	18837	16 96–20	0.32	18917	25 80–20	0.36	18997	18 91–19	0.39	19077	18 77–20	0.42	19157	18 90–20	0.40
18758	17 82–20	0.42	18838	19 90–20	0.34	18918	18 90–20	0.38	18998	21 81–20	0.34	19078	19 77–20	0.40	19158	19 77–20	0.38
18759	19 89–20	0.41	18839	19 95–19	0.41	18919	19 75–20	0.40	18999	19 93–20	0.38	19079	21 67–20	0.37	19159	23 55–20	0.36
18760	19 92–20	0.43	18840	19 81–20	0.32	18920	19 77–20	0.35	19000	20 90–20	0.35	19080	18 70–19	0.33	19160	20 90–20	0.41
18761	19 78–20	0.40	18841	17 86–20	0.36	18921	21 92–20	0.37	19001	17 80–20	0.34	19081	21 73–20	0.31	19161	19 80–20	0.41
18762	20 71–20	0.44	18842	20 74–20	0.35	18922	19 90–20	0.33	19002	19 91–20	0.42	19082	17 76–19	0.45	19162	22 50–20	0.39
18763	19 91–19	0.41	18843	17 73–19	0.42	18923	19 90–20	0.37	19003	20 86–20	0.38	19083	19 77–20	0.34	19163	17 90–19	0.37
18764	20 92–20	0.32	18844	19 85–20	0.46	18924	19 90–20	0.41	19004	18 92–20	0.44	19084	21 78–20	0.36	19164	17 54–19	0.38
18765	19 59–20	0.37	18845	19 87–20	0.38	18925	19 92–20	0.36	19005	19 76–19	0.36	19085	16 78–20	0.39	19165	18 86–19	0.34
18766	19 94–19	0.48	18846	19 95–20	0.38	18926	17 90–19	0.38	19006	19 95–20	0.41	19086	21 78–20	0.34	19166	17 91–19	0.37
18767	18 81–20	0.41	18847	22 82–20	0.39	18927	18 95–20	0.34	19007	20 90–20	0.41	19087	23 78–19	0.45	19167	17 91–19	0.39
18768	19 95–20	0.41	18848	21 54–20	0.33	18928	19 79–20	0.47	19008	20 90–19	0.45	19088	17 78–20	0.36	19168	21 91–20	0.42
18769	20 80–20	0.37	18849	22 91–20	0.38	18929	14 84–20	0.38	19009	21 69–20	0.39	19089	21 78–20	0.46	19169	18 91–20	0.40
18770	18 80–20	0.38	18850	20 78–20	0.41	18930	19 88–20	0.39	19010	20 94–20	0.36	19090	17 50–20	0.41	19170	20 91–20	0.40
18771	19 81–20	0.40	18851	20 91–20	0.37	18931	18 92–19	0.44	19011	16 73–20	0.33	19091	19 78–20	0.33	19171	16 91–19	0.40
18772	18 87–20	0.38	18852	21 76–20	0.38	18932	18 82–20	0.41	19012	22 53–19	0.41	19092	19 79–20	0.44	19172	19 91–20	0.40
18773	19 90–19	0.39	18853	19 96–19	0.47	18933	18 75–20	0.38	19013	20 92–20	0.46	19093	20 79–20	0.38	19173	20 91–20	0.47
18774	19 84–20	0.37	18854	19 90–19	0.43	18934	18 95–20	0.39	19014	18 93–20	0.40	19094	21 79–19	0.37	19174	19 91–20	0.40
18775	17 96–20	0.40	18855	22 54–20	0.42	18935	18 83–19	0.45	19015	21 81–20	0.38	19095	19 79–19	0.38	19175	19 91–19	0.43
18776	17 93–19	0.46	18856	21 30–19	0.38	18936	22 90–20	0.39	19016	19 95–20	0.36	19096	21 51–20	0.36	19176	20 71–19	0.45
18777	19 95–20	0.49	18857	17 96–19	0.38	18937	20 90–20	0.43	19017	18 90–19	0.39	19097	19 81–19	0.42	19177	20 91–20	0.39
18778	20 90–20	0.36	18858	19 95–19	0.42	18938	18 78–20	0.38	19018	21 97–20	0.38	19098	20 81–19	0.43	19178	21 78–19	0.39
18779	16 93–20	0.41	18859	20 83–20	0.39	18939	22 78–20	0.39	19019	20 88–20	0.43	19099	16 81–19	0.50	19179	20 81–20	0.34
18780	17 90–19	0.41	18860	22 91–20	0.37	18940	25 84–20	0.41	19020	23 88–20	0.35	19100	18 81–19	0.45	19180	17 91–19	0.42
18781	19 92–20	0.44	18861	17 81–19	0.44	18941	19 90–20	0.40	19021	23 54–20	0.32	19101	18 81–19	0.38	19181	18 91–19	0.38
18782	22 84–20	0.41	18862	21 50–20	0.37	18942	18 90–20	0.35	19022	16 54–19	0.41	19102	17 81–19	0.42	19182	19 82–19	0.42
18783	21 82–20	0.45	18863	19 82–20	0.31	18943	17 78–20	0.39	19023	19 89–20	0.42	19103	17 79–19	0.47	19183	20 90–20	0.41
18784	20 78–20	0.41	18864	20 83–20	0.41	18944	23 92–20	0.48	19024	21 89–20	0.44	19104	21 81–20	0.42	19184	18 87–19	0.40
18785	17 93–20	0.37	18865	22 78–20	0.42	18945	18 93–20	0.44	19025	19 91–20	0.40	19105	19 78–19	0.48	19185	17 91–20	0.48
18786	19 91–19	0.40	18866	19 80–20	0.36	18946	23 79–20	0.38	19026	22 89–20	0.42	19106	16 81–19	0.47	19186	21 75–20	0.48
18787	17 80–19	0.44	18867	18 91–20	0.36	18947	17 80–20	0.38	19027	20 92–19	0.44	19107	21 81–20	0.44	19187	18 91–20	0.38
18788	18 78–20	0.42	18868	22 79–20	0.35	18948	20 91–20	0.39	19028	20 86–20	0.30	19108	16 81–18	0.45	19188	21 88–20	0.31
18789	21 71–20	0.42	18869	17 97–20	0.35	18949	20 90–20	0.43	19029	18 91–20	0.41	19109	19 77–19	0.40	19189	20 91–20	0.33
18790	22 83–20	0.43	18870	19 77–19	0.38	18950	19 71–20	0.43	19030	19 81–20	0.35	19110	20 81–20	0.48	19190	19 92–20	0.35
18791	19 89–20	0.36	18871	20 88–19	0.35	18951	16 71–19	0.39	19031	19 77–20	0.36	19111	18 81–20	0.49	19191	21 90–19	0.44
18792	19 92–20	0.35	18872	23 54–20	0.34	18952	22 79–20	0.36	19032	19 60–20	0.37	19112	19 81–20	0.41	19192	20 90–19	0.44
18793	21 92–20	0.41	18873	19 91–20	0.38	18953	19 91–20	0.39	19033	20 60–20	0.36	19113	20 81–20	0.44	19193	20 92–19	0.41
18794	18 96–20	0.44	18874	20 54–19	0.44	18954	22 51–19	0.38	19034	20 52–20	0.39	19114	17 79–19	0.45	19194	19 92–19	0.43
18795	18 89–20	0.38	18875	19 78–19	0.43	18955	21 90–20	0.39	19035	22 56–20	0.37	19115	18 81–19	0.45	19195	20 90–19	0.44
18796	18 85–20	0.42	18876	20 78–20	0.46	18956	16 92–19	0.43	19036	18 60–20	0.42	19116	16 81–20	0.39	19196	20 92–20	0.46
18797	20 66–20	0.40	18877	20 55–20	0.32	18957	16 80–19	0.39	19037	17 60–20	0.36	19117	18 78–19	0.43	19197	22 76–20	0.39
18798	19 96–20	0.40	18878	19 55–20	0.33	18958	19 81–20	0.35	19038	18 60–20	0.42	19118	20 81–20	0.34	19198	18 92–19	0.43
18799	20 78–20	0.39	18879	20 71–20	0.41	18959	20 71–19	0.40	19039	18 60–19	0.42	19119	20 81–20	0.36	19199	21 92–20	0.40
18800	19 96–20	0.41	18880	19 53–19	0.42	18960	16 79–20	0.37	19040	18 60–20	0.37	19120	21 71–20	0.38	19200	17 92–19	0.42

№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms
		″			″			″			″			″			″
19201	23 89–20	0.44	19281	19 88–20	0.31	19361	20 51–20	0.33	19441	19 90–20	0.39	19521	19 91–18	0.25	19601	20 91–20	0.40
19202	19 54–19	0.41	19282	20 91–19	0.43	19362	22 76–20	0.37	19442	19 81–20	0.40	19522	19 91–20	0.37	19602	19 94–20	0.42
19203	17 90–19	0.44	19283	18 96–19	0.48	19363	24 50–20	0.41	19443	15 89–19	0.43	19523	19 96–20	0.41	19603	19 82–20	0.39
19204	19 50–20	0.39	19284	21 96–20	0.36	19364	20 53–20	0.32	19444	16 86–19	0.42	19524	24 75–20	0.37	19604	19 93–20	0.33
19205	20 92–20	0.41	19285	18 96–20	0.37	19365	19 51–20	0.39	19445	22 55–20	0.26	19525	18 77–19	0.41	19605	21 82–20	0.39
19206	21 74–20	0.40	19286	21 71–20	0.32	19366	20 55–20	0.32	19446	17 89–20	0.39	19526	18 96–20	0.37	19606	18 97–19	0.39
19207	21 83–20	0.38	19287	22 87–20	0.39	19367	22 54–20	0.44	19447	17 93–20	0.50	19527	18 81–20	0.37	19607	18 89–20	0.34
19208	17 92–20	0.35	19288	21 77–20	0.28	19368	20 51–20	0.39	19448	18 91–19	0.40	19528	20 95–20	0.42	19608	19 84–20	0.36
19209	19 91–19	0.41	19289	17 96–20	0.38	19369	22 88–20	0.29	19449	19 89–20	0.46	19529	20 81–20	0.37	19609	19 76–20	0.36
19210	19 79–19	0.45	19290	20 89–20	0.37	19370	21 79–20	0.45	19450	18 87–20	0.35	19530	19 89–20	0.36	19610	19 91–20	0.33
19211	20 54–19	0.44	19291	19 90–19	0.32	19371	16 93–19	0.39	19451	20 78–20	0.39	19531	18 92–19	0.47	19611	18 96–19	0.41
19212	18 93–20	0.36	19292	17 95–19	0.45	19372	18 89–20	0.34	19452	17 91–19	0.39	19532	21 85–20	0.36	19612	20 88–20	0.31
19213	19 93–20	0.44	19293	16 96–19	0.38	19373	19 71–19	0.36	19453	18 78–20	0.40	19533	17 83–19	0.42	19613	19 86–20	0.35
19214	21 87–20	0.43	19294	17 96–20	0.36	19374	18 89–20	0.40	19454	19 89–20	0.38	19534	19 90–20	0.42	19614	17 52–19	0.47
19215	20 93–20	0.40	19295	18 95–19	0.41	19375	18 96–20	0.41	19455	18 64–20	0.35	19535	19 87–20	0.43	19615	19 89–20	0.28
19216	20 91–19	0.39	19296	17 96–20	0.43	19376	17 91–19	0.40	19456	18 89–20	0.40	19536	18 86–20	0.42	19616	21 89–19	0.39
19217	19 93–20	0.42	19297	18 96–20	0.46	19377	18 77–19	0.40	19457	19 77–20	0.36	19537	16 90–20	0.32	19617	20 94–20	0.42
19218	19 90–19	0.42	19298	18 92–20	0.33	19378	19 94–20	0.43	19458	19 91–20	0.36	19538	18 80–20	0.40	19618	19 51–20	0.32
19219	22 91–20	0.43	19299	7 96–20	0.48	19379	16 93–20	0.29	19459	17 91–19	0.42	19539	20 82–20	0.44	19619	16 97–20	0.42
19220	18 93–20	0.44	19300	19 75–20	0.39	19380	18 94–20	0.44	19460	19 86–20	0.41	19540	20 92–20	0.53	19620	16 82–20	0.36
19221	20 90–20	0.48	19301	19 91–19	0.41	19381	18 93–19	0.44	19461	18 91–19	0.43	19541	18 78–20	0.39	19621	19 90–19	0.52
19222	21 74–20	0.41	19302	18 94–19	0.36	19382	20 83–20	0.37	19462	23 80–20	0.40	19542	19 92–20	0.45	19622	21 93–20	0.41
19223	22 91–20	0.39	19303	19 51–20	0.37	19383	20 54–20	0.40	19463	19 95–20	0.42	19543	15 90–19	0.50	19623	18 81–20	0.39
19224	19 86–20	0.46	19304	19 95–20	0.38	19384	18 95–20	0.39	19464	20 91–20	0.39	19544	18 96–20	0.40	19624	21 76–20	0.42
19225	18 92–19	0.43	19305	19 92–20	0.42	19385	18 95–20	0.42	19465	18 89–20	0.41	19545	19 55–19	0.47	19625	18 71–20	0.37
19226	22 91–20	0.37	19306	18 92–19	0.43	19386	18 68–20	0.36	19466	17 95–20	0.43	19546	18 77–20	0.37	19626	19 92–19	0.40
19227	19 82–20	0.37	19307	18 94–20	0.36	19387	18 95–19	0.45	19467	19 91–20	0.38	19547	17 90–19	0.39	19627	18 97–20	0.34
19228	18 92–19	0.46	19308	15 83–16	0.44	19388	17 76–19	0.37	19468	18 95–19	0.41	19548	21 89–20	0.29	19628	21 93–19	0.43
19229	17 92–20	0.38	19309	19 85–20	0.36	19389	22 86–20	0.43	19469	25 54–20	0.32	19549	20 86–20	0.39	19629	20 81–20	0.40
19230	21 76–20	0.35	19310	20 70–20	0.42	19390	16 91–20	0.43	19470	21 90–20	0.36	19550	21 82–20	0.37	19630	18 76–19	0.44
19231	18 89–19	0.64	19311	21 57–20	0.32	19391	19 82–19	0.39	19471	19 95–20	0.42	19551	19 42–19	0.41	19631	20 90–20	0.37
19232	17 90–19	0.47	19312	20 92–20	0.38	19392	17 91–20	0.38	19472	18 92–19	0.39	19552	19 95–20	0.39	19632	20 82–20	0.42
19233	17 93–20	0.39	19313	22 54–20	0.33	19393	20 92–20	0.40	19473	18 81–20	0.36	19553	20 92–20	0.43	19633	23 53–20	0.37
19234	18 83–20	0.41	19314	18 96–20	0.35	19394	19 82–20	0.43	19474	20 92–20	0.40	19554	19 91–20	0.36	19634	21 81–20	0.39
19235	20 77–19	0.35	19315	20 64–20	0.42	19395	21 54–19	0.45	19475	19 86–20	0.36	19555	23 51–20	0.45	19635	18 86–20	0.41
19236	18 89–19	0.42	19316	18 96–20	0.39	19396	22 54–20	0.39	19476	19 95–20	0.37	19556	23 50–20	0.36	19636	23 78–20	0.42
19237	18 94–19	0.36	19317	16 96–19	0.48	19397	23 51–20	0.45	19477	20 90–20	0.39	19557	19 86–20	0.32	19637	18 93–20	0.42
19238	19 89–20	0.36	19318	20 85–19	0.35	19398	22 75–20	0.45	19478	18 90–20	0.40	19558	20 50–20	0.35	19638	18 96–20	0.41
19239	20 82–20	0.31	19319	18 96–19	0.44	19399	18 91–19	0.43	19479	21 87–20	0.41	19559	20 90–20	0.40	19639	20 62–19	0.42
19240	19 92–19	0.47	19320	18 96–19	0.41	19400	16 89–20	0.39	19480	19 91–20	0.37	19560	20 91–20	0.39	19640	21 83–20	0.43
19241	20 77–20	0.40	19321	20 90–20	0.35	19401	17 96–19	0.46	19481	18 87–20	0.46	19561	20 90–20	0.36	19641	23 72–20	0.37
19242	18 88–19	0.35	19322	18 91–20	0.40	19402	16 63–19	0.37	19482	20 81–20	0.41	19562	23 54–20	0.37	19642	16 71–19	0.55
19243	17 89–20	0.31	19323	20 94–20	0.39	19403	18 96–20	0.42	19483	18 94–20	0.32	19563	18 79–19	0.42	19643	17 94–19	0.40
19244	20 76–20	0.36	19324	17 94–19	0.44	19404	19 91–20	0.42	19484	18 87–19	0.38	19564	20 91–20	0.45	19644	20 94–20	0.47
19245	18 94–19	0.73	19325	18 96–20	0.40	19405	20 73–20	0.41	19485	20 92–19	0.36	19565	21 72–20	0.33	19645	20 83–20	0.39
19246	19 83–20	0.40	19326	18 96–20	0.39	19406	20 53–20	0.38	19486	22 82–20	0.31	19566	19 81–20	0.40	19646	20 84–19	0.39
19247	15 54–20	0.35	19327	19 96–20	0.30	19407	18 87–19	0.34	19487	18 93–20	0.36	19567	21 82–19	0.32	19647	18 84–19	0.40
19248	21 94–20	0.42	19328	18 91–20	0.39	19408	18 90–19	0.39	19488	20 51–19	0.38	19568	19 85–20	0.35	19648	21 82–20	0.30
19249	21 92–19	0.41	19329	19 93–20	0.33	19409	19 74–20	0.41	19489	18 91–19	0.40	19569	22 82–20	0.36	19649	20 94–20	0.42
19250	21 94–20	0.39	19330	19 96–20	0.35	19410	22 54–20	0.40	19490	18 83–20	0.31	19570	18 80–20	0.32	19650	19 94–20	0.39
19251	20 55–19	0.44	19331	18 91–19	0.40	19411	19 71–19	0.38	19491	19 91–20	0.34	19571	18 91–20	0.38	19651	25 57–19	0.38
19252	20 94–20	0.40	19332	19 93–19	0.35	19412	21 78–20	0.39	19492	18 85–20	0.37	19572	18 95–20	0.42	19652	19 95–20	0.38
19253	19 94–19	0.45	19333	19 82–20	0.38	19413	17 96–20	0.36	19493	20 84–20	0.40	19573	19 79–19	0.39	19653	19 74–20	0.37
19254	20 94–20	0.39	19334	18 93–19	0.41	19414	22 49–20	0.38	19494	19 82–19	0.45	19574	18 82–19	0.42	19654	18 97–20	0.37
19255	6 95–16	0.77	19335	18 96–20	0.33	19415	16 94–20	0.40	19495	19 75–19	0.34	19575	18 88–19	0.45	19655	19 97–19	0.45
19256	23 54–19	0.36	19336	22 55–20	0.37	19416	18 91–20	0.43	19496	18 92–20	0.36	19576	18 93–20	0.42	19656	16 94–20	0.39
19257	21 86–20	0.37	19337	19 80–20	0.39	19417	19 94–20	0.39	19497	18 94–20	0.41	19577	17 93–19	0.40	19657	20 77–20	0.34
19258	19 93–20	0.41	19338	19 93–19	0.38	19418	19 76–20	0.42	19498	20 85–20	0.37	19578	19 89–20	0.40	19658	18 91–19	0.43
19259	19 95–20	0.36	19339	20 79–20	0.37	19419	19 82–20	0.36	19499	20 77–20	0.39	19579	18 78–20	0.34	19659	21 92–19	0.46
19260	19 78–20	0.34	19340	19 96–20	0.39	19420	19 89–20	0.38	19500	19 94–20	0.39	19580	19 90–20	0.42	19660	18 91–19	0.40
19261	18 89–20	0.27	19341	19 97–20	0.36	19421	19 78–20	0.37	19501	24 77–20	0.39	19581	19 95–20	0.39	19661	22 71–20	0.37
19262	19 95–20	0.34	19342	19 91–19	0.37	19422	15 71–19	0.59	19502	21 82–20	0.32	19582	18 91–19	0.44	19662	18 92–19	0.36
19263	22 82–20	0.38	19343	17 96–20	0.38	19423	20 92–20	0.39	19503	23 82–20	0.36	19583	17 76–20	0.38	19663	21 77–20	0.38
19264	19 91–19	0.40	19344	18 96–20	0.35	19424	18 95–20	0.46	19504	19 92–19	0.41	19584	20 78–20	0.47	19664	20 94–20	0.45
19265	18 95–20	0.39	19345	19 95–20	0.40	19425	22 80–20	0.34	19505	18 91–19	0.43	19585	21 93–20	0.45	19665	18 53–19	0.43
19266	19 82–20	0.39	19346	17 97–19	0.43	19426	19 90–20	0.37	19506	20 92–20	0.38	19586	18 95–20	0.36	19666	19 95–20	0.40
19267	19 89–19	0.39	19347	17 81–20	0.40	19427	22 51–19	0.42	19507	20 76–19	0.45	19587	20 92–19	0.40	19667	19 89–19	0.43
19268	18 95–20	0.41	19348	18 97–20	0.40	19428	21 80–20	0.38	19508	18 94–19	0.44	19588	19 77–20	0.37	19668	17 88–20	0.38
19269	18 95–19	0.60	19349	19 97–20	0.41	19429	18 94–20	0.38	19509	19 89–19	0.54	19589	19 94–20	0.34	19669	20 91–20	0.41
19270	20 92–19	0.42	19350	18 89–20	0.37	19430	18 77–20	0.40	19510	18 91–20	0.44	19590	19 98–20	0.29	19670	23 77–20	0.41
19271	20 93–19	0.42	19351	17 92–20	0.40	19431	20 94–20	0.40	19511	21 86–19	0.41	19591	20 94–20	0.43	19671	20 82–19	0.42
19272	19 93–20	0.42	19352	23 53–20	0.32	19432	18 92–20	0.37	19512	21 82–20	0.32	19592	18 87–19	0.38	19672	16 96–19	0.37
19273	19 90–20	0.35	19353	19 97–20	0.43	19433	19 91–20	0.41	19513	20 96–20	0.35	19593	19 92–20	0.35	19673	19 97–20	0.42
19274	20 90–19	0.40	19354	19 78–19	0.44	19434	20 77–19	0.46	19514	19 51–20	0.38	19594	19 92–20	0.41	19674	19 90–20	0.37
19275	20 95–19	0.40	19355	18 88–19	0.56	19435	17 79–20	0.42	19515	21 84–20	0.35	19595	17 96–19	0.44	19675	18 89–20	0.37
19276	19 94–20	0.45	19356	12 92–19	0.53	19436	18 82–20	0.44	19516	20 55–19	0.33	19596	18 96–19	0.40	19676	17 96–20	0.39
19277	18 89–19	0.41	19357	19 88–20	0.37	19437	18 93–20	0.43	19517	21 55–20	0.42	19597	19 93–20	0.40	19677	18 82–20	0.42
19278	19 95–19	0.36	19358	21 72–20	0.44	19438	19 77–20	0.37	19518	18 54–20	0.33	19598	18 96–20	0.40	19678	17 92–20	0.38
19279	19 95–20	0.36	19359	19 75–20	0.39	19439	19 94–19	0.47	19519	21 83–20	0.40	19599	18 94–19	0.40	19679	18 88–20	0.32
19280	19 94–20	0.45	19360	22 77–19	0.38	19440	16 73–19	0.37	19520	21 89–20	0.32	19600	20 33–19	0.32	19680	19 91–20	0.35

№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms
		″			″			″			″			″			″
19681	21 75–20	0.31	19761	18 91–20	0.30	19841	18 78–20	0.41	19921	19 78–20	0.38	20001	21 91–20	0.33	20081	20 84–20	0.34
19682	18 73–19	0.36	19762	18 96–20	0.36	19842	19 84–20	0.46	19922	19 78–20	0.43	20002	18 91–20	0.44	20082	18 90–20	0.41
19683	19 93–20	0.35	19763	18 85–20	0.29	19843	23 53–20	0.43	19923	21 60–20	0.39	20003	16 91–19	0.44	20083	16 94–20	0.34
19684	18 86–19	0.36	19764	17 90–20	0.35	19844	23 51–20	0.41	19924	19 79–19	0.44	20004	16 91–19	0.44	20084	19 90–19	0.34
19685	18 71–19	0.39	19765	19 92–20	0.44	19845	19 88–20	0.38	19925	18 79–19	0.41	20005	17 91–19	0.47	20085	18 94–20	0.32
19686	19 89–20	0.41	19766	23 51–20	0.40	19846	19 82–20	0.40	19926	21 54–20	0.33	20006	21 80–19	0.48	20086	5 94–18	0.55
19687	20 72–20	0.36	19767	19 54–20	0.36	19847	20 82–20	0.35	19927	17 80–19	0.40	20007	18 91–20	0.37	20087	21 92–20	0.37
19688	21 89–19	0.40	19768	19 53–20	0.40	19848	20 82–19	0.38	19928	23 49–19	0.40	20008	19 71–20	0.37	20088	20 80–20	0.41
19689	19 95–20	0.36	19769	19 77–20	0.42	19849	19 92–19	0.43	19929	19 55–19	0.45	20009	18 87–19	0.36	20089	18 90–20	0.42
19690	20 96–20	0.41	19770	20 94–20	0.44	19850	20 91–20	0.37	19930	18 81–19	0.40	20010	18 91–20	0.46	20090	20 94–20	0.43
19691	20 81–20	0.40	19771	20 53–20	0.32	19851	21 82–20	0.38	19931	17 79–19	0.36	20011	18 87–19	0.42	20091	20 92–20	0.40
19692	18 94–20	0.38	19772	18 78–20	0.41	19852	21 76–20	0.31	19932	19 81–20	0.35	20012	18 91–19	0.44	20092	16 94–20	0.45
19693	20 89–19	0.54	19773	20 90–20	0.37	19853	20 97–20	0.39	19933	18 81–19	0.45	20013	22 91–20	0.37	20093	18 92–20	0.43
19694	20 82–20	0.39	19774	25 51–20	0.29	19854	20 95–19	0.39	19934	15 55–19	0.46	20014	19 53–20	0.41	20094	17 94–20	0.39
19695	18 88–19	0.42	19775	19 93–20	0.42	19855	18 95–19	0.39	19935	20 81–19	0.40	20015	18 91–19	0.36	20095	18 90–20	0.34
19696	20 54–20	0.36	19776	19 76–20	0.40	19856	21 60–20	0.37	19936	17 81–19	0.46	20016	18 80–19	0.45	20096	20 94–20	0.40
19697	22 93–20	0.38	19777	18 87–20	0.37	19857	17 86–20	0.39	19937	23 76–20	0.42	20017	22 77–19	0.47	20097	22 82–20	0.35
19698	21 85–20	0.32	19778	20 94–19	0.38	19858	16 77–19	0.43	19938	16 79–19	0.49	20018	19 83–20	0.37	20098	24 55–20	0.32
19699	20 90–20	0.34	19779	20 88–20	0.47	19859	20 93–20	0.40	19939	20 81–20	0.41	20019	20 78–20	0.30	20099	20 91–19	0.42
19700	20 90–20	0.40	19780	19 95–19	0.39	19860	21 90–20	0.37	19940	20 81–20	0.51	20020	18 91–20	0.32	20100	18 94–19	0.40
19701	19 91–20	0.47	19781	20 94–20	0.37	19861	19 95–20	0.36	19941	16 79–19	0.44	20021	18 91–19	0.35	20101	19 94–20	0.40
19702	20 51–20	0.36	19782	22 69–20	0.42	19862	20 60–20	0.39	19942	19 79–18	0.47	20022	18 91–19	0.45	20102	20 95–20	0.36
19703	19 97–20	0.35	19783	19 90–19	0.39	19863	16 60–20	0.40	19943	19 81–19	0.48	20023	18 92–19	0.39	20103	21 80–20	0.32
19704	21 82–20	0.45	19784	19 94–20	0.43	19864	20 60–20	0.43	19944	17 81–19	0.46	20024	21 88–20	0.31	20104	18 91–19	0.41
19705	19 89–19	0.46	19785	21 78–20	0.32	19865	20 60–20	0.40	19945	19 81–19	0.42	20025	19 92–20	0.43	20105	18 94–20	0.39
19706	23 53–20	0.39	19786	20 90–20	0.38	19866	16 60–19	0.43	19946	17 81–19	0.42	20026	19 92–20	0.40	20106	16 93–19	0.45
19707	19 82–20	0.35	19787	19 91–20	0.38	19867	20 60–20	0.46	19947	17 81–19	0.45	20027	20 89–20	0.40	20107	18 95–20	0.39
19708	18 83–19	0.33	19788	19 72–19	0.42	19868	19 60–20	0.40	19948	19 81–19	0.42	20028	19 92–20	0.44	20108	6 95–14	0.52
19709	19 97–20	0.39	19789	20 88–20	0.38	19869	19 60–20	0.37	19949	16 81–19	0.40	20029	20 92–19	0.43	20109	18 78–19	0.41
19710	20 91–19	0.57	19790	21 49–20	0.32	19870	19 60–20	0.46	19950	19 81–19	0.37	20030	21 90–20	0.39	20110	20 53–20	0.34
19711	18 88–20	0.31	19791	21 89–20	0.39	19871	21 60–19	0.43	19951	20 82–20	0.39	20031	19 92–20	0.32	20111	20 87–20	0.39
19712	20 96–20	0.39	19792	19 91–20	0.39	19872	19 60–20	0.40	19952	18 82–20	0.33	20032	20 92–20	0.43	20112	18 95–20	0.42
19713	20 80–20	0.45	19793	21 68–20	0.26	19873	21 60–20	0.42	19953	18 82–19	0.34	20033	19 92–20	0.40	20113	18 78–19	0.58
19714	22 82–20	0.43	19794	18 64–20	0.32	19874	15 60–20	0.39	19954	18 82–19	0.39	20034	18 92–19	0.41	20114	20 95–19	0.54
19715	24 54–19	0.38	19795	20 89–20	0.37	19875	20 60–20	0.42	19955	21 78–20	0.39	20035	18 92–20	0.40	20115	18 73–20	0.35
19716	18 94–20	0.34	19796	18 78–20	0.45	19876	20 59–20	0.38	19956	17 85–20	0.39	20036	20 51–20	0.38	20116	20 93–20	0.43
19717	21 32–20	0.38	19797	20 92–20	0.41	19877	15 60–19	0.48	19957	22 53–20	0.40	20037	16 92–20	0.37	20117	19 80–19	0.40
19718	18 94–19	0.32	19798	20 76–19	0.42	19878	24 71–19	0.40	19958	19 85–20	0.29	20038	22 53–20	0.33	20118	19 90–20	0.41
19719	23 56–20	0.37	19799	21 81–20	0.39	19879	21 71–20	0.40	19959	23 78–20	0.42	20039	22 54–20	0.35	20119	18 95–20	0.40
19720	23 50–20	0.34	19800	20 77–20	0.36	19880	18 71–18	0.41	19960	18 86–20	0.33	20040	18 88–20	0.39	20120	19 95–20	0.39
19721	23 55–19	0.33	19801	18 81–19	0.37	19881	19 71–20	0.45	19961	20 51–19	0.44	20041	20 89–20	0.36	20121	19 88–19	0.35
19722	18 77–19	0.35	19802	17 78–20	0.36	19882	20 71–20	0.39	19962	18 86–19	0.38	20042	18 56–19	0.40	20122	20 95–20	0.37
19723	18 86–20	0.32	19803	19 90–20	0.45	19883	19 71–20	0.40	19963	19 86–20	0.43	20043	16 93–20	0.36	20123	19 95–19	0.45
19724	21 93–20	0.34	19804	21 89–20	0.41	19884	20 71–20	0.42	19964	19 87–20	0.37	20044	20 51–20	0.34	20124	18 95–19	0.52
19725	22 79–19	0.44	19805	16 89–20	0.37	19885	16 71–19	0.39	19965	22 87–20	0.39	20045	21 58–19	0.42	20125	20 95–19	0.45
19726	20 53–19	0.53	19806	17 93–19	0.40	19886	21 73–20	0.40	19966	21 82–20	0.36	20046	16 93–20	0.44	20126	17 95–19	0.37
19727	21 86–20	0.28	19807	20 95–20	0.43	19887	16 73–19	0.48	19967	21 79–19	0.39	20047	20 86–20	0.37	20127	17 95–19	0.38
19728	19 50–20	0.32	19808	20 78–20	0.39	19888	19 73–19	0.43	19968	21 76–20	0.38	20048	20 93–20	0.40	20128	19 96–19	0.40
19729	17 55–19	0.39	19809	19 84–20	0.40	19889	19 73–18	0.47	19969	19 88–20	0.42	20049	17 60–19	0.37	20129	19 92–20	0.38
19730	12 84–17	0.38	19810	18 97–19	0.45	19890	18 73–19	0.45	19970	20 73–20	0.41	20050	20 90–20	0.41	20130	19 96–20	0.56
19731	21 76–20	0.34	19811	16 94–19	0.48	19891	20 73–20	0.40	19971	19 88–20	0.42	20051	19 91–20	0.38	20131	17 91–19	0.41
19732	23 55–20	0.32	19812	20 92–20	0.36	19892	18 73–20	0.32	19972	21 88–20	0.45	20052	20 93–20	0.36	20132	18 96–20	0.32
19733	20 92–20	0.40	19813	19 93–20	0.38	19893	18 73–19	0.41	19973	22 72–20	0.44	20053	18 93–19	0.44	20133	19 96–20	0.38
19734	19 51–20	0.32	19814	19 77–20	0.33	19894	20 73–20	0.42	19974	18 89–19	0.47	20054	20 81–20	0.41	20134	19 96–19	0.36
19735	18 77–19	0.37	19815	18 91–20	0.42	19895	17 73–20	0.38	19975	19 89–20	0.42	20055	18 77–20	0.41	20135	19 96–19	0.42
19736	19 76–19	0.37	19816	16 94–19	0.42	19896	18 73–19	0.43	19976	20 82–20	0.42	20056	19 93–20	0.38	20136	16 96–20	0.34
19737	20 80–19	0.39	19817	20 53–20	0.42	19897	18 77–20	0.33	19977	18 89–20	0.37	20057	21 84–20	0.37	20137	15 94–19	0.36
19738	19 90–20	0.36	19818	21 51–20	0.34	19898	22 77–20	0.36	19978	20 89–20	0.48	20058	22 93–19	0.47	20138	18 79–19	0.45
19739	25 49–20	0.42	19819	20 92–20	0.42	19899	18 77–19	0.44	19979	20 76–19	0.35	20059	17 91–19	0.40	20139	15 82–19	0.46
19740	20 89–20	0.38	19820	17 93–20	0.39	19900	19 77–20	0.43	19980	23 49–20	0.34	20060	19 88–19	0.47	20140	22 51–20	0.41
19741	20 78–20	0.41	19821	20 85–19	0.39	19901	16 77–20	0.42	19981	22 86–20	0.37	20061	18 90–20	0.35	20141	19 71–19	0.48
19742	15 85–19	0.45	19822	19 94–20	0.43	19902	17 77–20	0.39	19982	15 83–19	0.32	20062	17 93–19	0.44	20142	16 71–19	0.40
19743	21 80–20	0.29	19823	20 77–20	0.43	19903	16 77–20	0.28	19983	19 55–20	0.34	20063	20 93–20	0.42	20143	19 95–20	0.39
19744	23 49–20	0.40	19824	19 92–19	0.56	19904	20 77–20	0.41	19984	20 90–20	0.36	20064	16 93–20	0.45	20144	23 83–19	0.49
19745	18 94–19	0.38	19825	19 91–20	0.35	19905	21 54–19	0.46	19985	17 90–20	0.37	20065	18 92–20	0.39	20145	18 95–20	0.39
19746	20 93–19	0.44	19826	19 94–19	0.43	19906	18 77–20	0.36	19986	18 90–19	0.46	20066	18 93–20	0.41	20146	20 53–20	0.37
19747	26 55–20	0.32	19827	20 95–20	0.38	19907	17 77–19	0.44	19987	17 90–19	0.40	20067	22 61–20	0.40	20147	19 92–20	0.34
19748	24 79–20	0.32	19828	17 91–20	0.35	19908	19 77–20	0.38	19988	19 87–20	0.44	20068	18 93–20	0.38	20148	19 91–20	0.45
19749	24 51–20	0.39	19829	19 90–20	0.39	19909	21 77–20	0.43	19989	21 86–20	0.42	20069	19 93–19	0.38	20149	17 96–20	0.37
19750	21 80–20	0.35	19830	20 93–20	0.32	19910	20 77–20	0.34	19990	18 90–20	0.42	20070	19 93–20	0.39	20150	18 96–20	0.35
19751	22 55–20	0.37	19831	19 90–20	0.40	19911	20 33–19	0.30	19991	19 90–20	0.40	20071	15 94–19	0.40	20151	14 96–19	0.33
19752	23 51–19	0.34	19832	20 90–20	0.38	19912	19 55–20	0.39	19992	17 90–19	0.40	20072	18 94–20	0.38	20152	15 96–19	0.36
19753	21 87–20	0.44	19833	20 91–19	0.45	19913	21 73–19	0.40	19993	21 53–20	0.36	20073	17 93–19	0.43	20153	18 93–19	0.40
19754	21 51–20	0.37	19834	20 82–20	0.38	19914	20 73–20	0.36	19994	19 85–20	0.36	20074	19 91–19	0.38	20154	19 89–20	0.38
19755	19 80–19	0.33	19835	19 93–20	0.43	19915	20 74–20	0.37	19995	19 90–20	0.36	20075	17 94–19	0.37	20155	18 96–20	0.36
19756	23 77–20	0.38	19836	21 97–20	0.36	19916	19 76–20	0.40	19996	20 90–20	0.39	20076	16 94–20	0.43	20156	16 96–19	0.41
19757	20 77–20	0.37	19837	18 94–19	0.46	19917	20 77–20	0.43	19997	19 90–20	0.50	20077	16 94–19	0.37	20157	20 87–19	0.39
19758	19 71–19	0.42	19838	18 79–19	0.45	19918	20 77–20	0.35	19998	18 90–20	0.37	20078	19 94–20	0.43	20158	18 92–19	0.40
19759	22 55–20	0.33	19839	17 90–20	0.40	19919	20 77–20	0.40	19999	18 91–20	0.42	20079	18 92–20	0.40	20159	19 91–20	0.40
19760	16 77–19	0.44	19840	21 77–20	0.37	19920	18 78–20	0.40	20000	26 54–20	0.27	20080	20 78–19	0.37	20160	16 89–19	0.42

№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms
		″			″			″			″			″			″
20161	6 96–16	0.54	20241	18 77–20	0.44	20321	16 94–19	0.38	20401	17 85–19	0.45	20481	19 81–20	0.42	20561	18 90–20	0.35
20162	19 83–19	0.44	20242	20 85–20	0.37	20322	20 81–20	0.42	20402	22 85–19	0.41	20482	19 94–20	0.43	20562	18 88–20	0.31
20163	16 89–19	0.37	20243	18 91–20	0.36	20323	16 74–19	0.42	20403	17 86–19	0.46	20483	20 78–20	0.42	20563	18 87–20	0.37
20164	17 96–19	0.39	20244	19 91–20	0.38	20324	20 79–19	0.43	20404	19 83–20	0.44	20484	18 93–19	0.39	20564	21 60–20	0.43
20165	17 94–20	0.39	20245	18 91–20	0.43	20325	20 54–20	0.33	20405	21 53–20	0.41	20485	19 93–20	0.37	20565	20 94–20	0.36
20166	20 55–20	0.38	20246	18 53–19	0.41	20326	20 76–20	0.36	20406	19 94–20	0.40	20486	19 78–20	0.37	20566	17 94–20	0.37
20167	20 85–20	0.38	20247	19 76–20	0.41	20327	20 92–20	0.38	20407	21 91–20	0.35	20487	19 95–20	0.40	20567	20 77–20	0.41
20168	19 81–20	0.35	20248	17 81–20	0.41	20328	19 94–20	0.37	20408	15 88–20	0.38	20488	18 97–20	0.38	20568	18 94–20	0.39
20169	14 96–19	0.39	20249	18 96–19	0.44	20329	18 93–20	0.37	20409	15 93–19	0.44	20489	18 87–19	0.29	20569	18 84–20	0.33
20170	18 58–19	0.37	20250	18 96–20	0.41	20330	21 77–20	0.41	20410	19 93–19	0.42	20490	19 77–19	0.46	20570	19 92–20	0.35
20171	17 91–20	0.37	20251	22 78–20	0.39	20331	18 97–20	0.37	20411	20 93–20	0.40	20491	18 92–20	0.36	20571	17 93–20	0.36
20172	17 89–20	0.35	20252	15 96–19	0.47	20332	18 95–20	0.37	20412	24 51–20	0.34	20492	21 89–19	0.30	20572	19 90–20	0.52
20173	16 92–19	0.47	20253	16 96–19	0.38	20333	18 89–19	0.44	20413	19 76–20	0.39	20493	19 97–20	0.35	20573	18 97–20	0.38
20174	18 96–20	0.41	20254	18 95–20	0.43	20334	20 90–19	0.42	20414	21 82–20	0.48	20494	22 82–20	0.37	20574	18 91–19	0.45
20175	19 96–20	0.38	20255	5 98–20	0.48	20335	18 95–20	0.43	20415	20 55–20	0.39	20495	19 95–20	0.50	20575	19 70–20	0.35
20176	18 85–20	0.40	20256	17 94–20	0.40	20336	19 91–20	0.44	20416	19 77–20	0.43	20496	19 94–19	0.43	20576	17 96–19	0.42
20177	19 93–20	0.43	20257	19 80–20	0.34	20337	17 89–19	0.38	20417	18 92–19	0.43	20497	21 87–19	0.40	20577	19 81–20	0.36
20178	18 93–20	0.35	20258	18 78–19	0.41	20338	21 79–20	0.36	20418	16 79–19	0.42	20498	18 95–19	0.56	20578	21 89–19	0.46
20179	19 94–20	0.41	20259	21 56–19	0.41	20339	18 92–20	0.36	20419	21 85–19	0.38	20499	20 77–20	0.40	20579	19 91–19	0.37
20180	18 96–20	0.41	20260	19 79–19	0.44	20340	16 93–20	0.43	20420	19 96–20	0.34	20500	16 96–20	0.41	20580	19 91–20	0.38
20181	17 94–19	0.41	20261	19 91–19	0.41	20341	20 71–20	0.35	20421	21 71–20	0.34	20501	20 89–19	0.44	20581	18 96–19	0.45
20182	18 97–20	0.37	20262	19 90–20	0.36	20342	16 98–20	0.39	20422	20 91–20	0.39	20502	19 96–20	0.33	20582	17 95–19	0.40
20183	18 97–20	0.37	20263	18 95–20	0.38	20343	18 95–19	0.39	20423	21 51–19	0.43	20503	20 92–19	0.43	20583	21 90–20	0.35
20184	20 94–20	0.44	20264	18 89–20	0.40	20344	17 77–20	0.36	20424	20 53–19	0.42	20504	19 55–19	0.37	20584	21 87–19	0.40
20185	19 97–20	0.39	20265	20 60–20	0.42	20345	18 91–20	0.40	20425	4 98–05	0.52	20505	24 50–20	0.38	20585	18 94–20	0.44
20186	19 91–19	0.40	20266	16 96–19	0.40	20346	18 94–20	0.34	20426	20 91–19	0.31	20506	24 82–19	0.36	20586	19 93–20	0.34
20187	16 85–20	0.31	20267	20 79–20	0.39	20347	19 97–20	0.37	20427	19 95–19	0.36	20507	17 96–20	0.40	20587	21 89–19	0.38
20188	21 51–19	0.36	20268	19 94–20	0.37	20348	18 97–20	0.35	20428	20 84–19	0.49	20508	18 78–20	0.39	20588	18 92–20	0.40
20189	16 91–19	0.38	20269	18 86–19	0.47	20349	20 90–20	0.35	20429	15 98–20	0.49	20509	18 96–19	0.38	20589	18 91–19	0.51
20190	21 82–19	0.39	20270	19 92–20	0.40	20350	21 62–19	0.41	20430	19 84–20	0.38	20510	20 92–19	0.38	20590	18 92–20	0.36
20191	20 54–19	0.37	20271	19 94–20	0.39	20351	18 91–20	0.39	20431	17 93–19	0.37	20511	17 85–19	0.41	20591	18 96–19	0.45
20192	17 96–19	0.45	20272	17 78–20	0.39	20352	17 94–20	0.45	20432	19 89–20	0.44	20512	18 91–19	0.44	20592	22 82–20	0.45
20193	19 65–20	0.40	20273	20 80–20	0.40	20353	20 91–19	0.45	20433	21 54–20	0.38	20513	20 91–19	0.40	20593	18 89–20	0.39
20194	22 83–19	0.45	20274	20 91–20	0.38	20354	17 94–19	0.38	20434	22 55–20	0.38	20514	18 95–19	0.44	20594	20 93–20	0.43
20195	19 84–20	0.40	20275	18 80–20	0.36	20355	17 94–19	0.40	20435	19 72–20	0.36	20515	19 86–19	0.42	20595	18 91–19	0.42
20196	18 97–19	0.37	20276	16 96–20	0.45	20356	20 54–20	0.35	20436	18 90–20	0.39	20516	19 92–20	0.40	20596	19 56–20	0.44
20197	19 95–20	0.33	20277	17 95–20	0.42	20357	18 94–20	0.42	20437	17 92–20	0.41	20517	17 76–20	0.50	20597	19 86–19	0.60
20198	16 95–19	0.36	20278	18 89–20	0.39	20358	18 91–20	0.34	20438	19 93–19	0.41	20518	20 85–20	0.44	20598	20 90–20	0.35
20199	20 76–20	0.41	20279	15 77–19	0.37	20359	19 93–20	0.43	20439	20 71–20	0.36	20519	18 76–19	0.42	20599	18 91–19	0.39
20200	19 90–20	0.36	20280	18 76–20	0.36	20360	17 96–19	0.44	20440	19 77–20	0.35	20520	19 65–19	0.35	20600	20 94–20	0.43
20201	19 97–19	0.44	20281	17 87–20	0.42	20361	19 96–20	0.43	20441	18 92–20	0.40	20521	20 94–20	0.41	20601	21 86–20	0.40
20202	19 97–20	0.35	20282	18 95–20	0.43	20362	18 87–20	0.34	20442	17 92–20	0.38	20522	20 56–20	0.36	20602	18 66–20	0.47
20203	19 92–20	0.34	20283	19 83–19	0.38	20363	21 91–20	0.43	20443	20 55–20	0.38	20523	20 82–20	0.41	20603	18 83–19	0.41
20204	23 79–20	0.40	20284	17 79–19	0.43	20364	22 74–20	0.37	20444	18 92–20	0.39	20524	19 62–20	0.33	20604	18 81–20	0.36
20205	20 77–20	0.38	20285	20 85–20	0.40	20365	19 81–19	0.49	20445	22 55–20	0.36	20525	19 82–19	0.49	20605	18 77–19	0.37
20206	20 91–20	0.35	20286	19 92–20	0.43	20366	19 88–20	0.34	20446	22 55–20	0.35	20526	17 96–19	0.43	20606	19 92–19	0.38
20207	17 92–19	0.44	20287	19 91–20	0.38	20367	20 92–20	0.38	20447	21 78–20	0.46	20527	18 91–20	0.38	20607	19 90–20	0.36
20208	20 94–19	0.40	20288	18 96–20	0.39	20368	20 95–20	0.41	20448	18 95–19	0.43	20528	22 77–19	0.39	20608	18 89–20	0.39
20209	19 94–20	0.42	20289	19 91–20	0.40	20369	19 90–20	0.40	20449	18 78–20	0.35	20529	18 81–20	0.36	20609	16 92–20	0.41
20210	21 85–20	0.29	20290	17 96–19	0.42	20370	18 98–20	0.30	20450	18 95–20	0.42	20530	21 94–20	0.35	20610	21 87–20	0.40
20211	19 91–19	0.42	20291	19 94–20	0.43	20371	18 81–20	0.37	20451	19 80–20	0.41	20531	18 96–20	0.37	20611	18 95–20	0.36
20212	17 94–18	0.48	20292	18 80–19	0.36	20372	20 70–19	0.41	20452	18 81–20	0.33	20532	19 77–19	0.40	20612	19 95–20	0.39
20213	16 92–19	0.43	20293	18 80–20	0.40	20373	19 95–20	0.39	20453	17 84–20	0.38	20533	22 77–20	0.42	20613	20 93–19	0.45
20214	19 97–20	0.40	20294	17 77–19	0.44	20374	20 55–20	0.34	20454	20 91–20	0.42	20534	18 95–19	0.45	20614	18 89–19	0.53
20215	17 92–20	0.36	20295	17 92–20	0.35	20375	18 90–19	0.40	20455	19 77–20	0.39	20535	18 91–19	0.38	20615	20 77–20	0.37
20216	15 84–19	0.45	20296	18 94–19	0.39	20376	18 95–20	0.40	20456	21 93–20	0.46	20536	18 84–19	0.40	20616	19 88–20	0.39
20217	20 92–20	0.44	20297	18 75–19	0.42	20377	17 94–19	0.39	20457	19 54–19	0.41	20537	17 87–19	0.36	20617	19 82–20	0.29
20218	19 94–19	0.40	20298	17 94–19	0.38	20378	18 78–19	0.33	20458	18 60–20	0.49	20538	22 81–20	0.37	20618	18 97–20	0.43
20219	18 97–19	0.36	20299	17 95–19	0.45	20379	20 80–19	0.42	20459	19 93–19	0.37	20539	19 90–20	0.39	20619	20 91–20	0.42
20220	21 92–20	0.39	20300	20 80–20	0.36	20380	19 79–20	0.33	20460	16 54–19	0.41	20540	19 90–20	0.40	20620	17 97–20	0.33
20221	17 94–19	0.46	20301	18 80–20	0.37	20381	17 81–20	0.34	20461	3 98–00	0.46	20541	19 86–20	0.44	20621	20 84–20	0.31
20222	21 93–20	0.39	20302	18 92–20	0.41	20382	19 92–19	0.41	20462	19 97–20	0.64	20542	18 94–20	0.38	20622	20 94–20	0.37
20223	18 92–20	0.41	20303	18 94–20	0.41	20383	19 93–19	0.39	20463	17 96–19	0.39	20543	20 82–20	0.36	20623	20 90–20	0.35
20224	21 76–20	0.39	20304	18 94–20	0.36	20384	19 78–19	0.43	20464	17 91–19	0.43	20544	18 87–19	0.42	20624	17 87–20	0.43
20225	20 93–20	0.38	20305	17 95–19	0.39	20385	20 94–20	0.33	20465	19 94–20	0.33	20545	16 95–19	0.38	20625	19 97–20	0.37
20226	19 97–20	0.38	20306	18 91–19	0.47	20386	19 92–20	0.35	20466	19 54–19	0.36	20546	19 93–20	0.37	20626	19 82–20	0.38
20227	19 89–20	0.38	20307	19 80–20	0.36	20387	19 90–20	0.37	20467	19 55–20	0.37	20547	21 91–20	0.43	20627	21 78–20	0.36
20228	17 90–19	0.44	20308	18 92–19	0.49	20388	19 97–19	0.37	20468	20 94–20	0.39	20548	18 93–19	0.43	20628	22 91–20	0.45
20229	17 80–20	0.38	20309	18 79–20	0.32	20389	19 92–19	0.43	20469	20 93–20	0.37	20549	18 89–19	0.32	20629	18 88–19	0.43
20230	19 54–20	0.42	20310	18 92–20	0.35	20390	19 97–20	0.40	20470	20 84–20	0.32	20550	20 89–20	0.37	20630	21 91–20	0.35
20231	18 82–20	0.26	20311	18 91–19	0.47	20391	20 72–20	0.35	20471	20 84–20	0.32	20551	20 91–20	0.43	20631	22 49–20	0.38
20232	19 89–20	0.34	20312	18 88–20	0.39	20392	19 77–20	0.34	20472	17 77–20	0.44	20552	20 89–19	0.44	20632	18 91–20	0.40
20233	17 90–20	0.45	20313	18 94–19	0.43	20393	18 94–20	0.35	20473	18 97–19	0.34	20553	18 91–19	0.43	20633	19 93–20	0.39
20234	17 93–20	0.38	20314	19 76–20	0.37	20394	17 82–19	0.50	20474	18 91–19	0.37	20554	18 97–20	0.58	20634	18 82–20	0.37
20235	19 91–20	0.41	20315	19 95–20	0.40	20395	20 85–20	0.30	20475	17 90–20	0.41	20555	18 84–20	0.40	20635	24 55–20	0.35
20236	11 98–19	0.47	20316	18 77–20	0.36	20396	18 95–20	0.35	20476	19 60–19	0.41	20556	18 92–20	0.43	20636	16 93–19	0.42
20237	18 93–20	0.35	20317	16 91–19	0.42	20397	22 89–20	0.40	20477	19 94–20	0.38	20557	19 81–20	0.36	20637	18 95–20	0.36
20238	17 92–19	0.36	20318	16 96–19	0.45	20398	17 97–19	0.42	20478	19 96–20	0.40	20558	18 90–20	0.31	20638	20 95–20	0.42
20239	17 96–20	0.41	20319	18 70–19	0.55	20399	22 51–20	0.38	20479	19 89–20	0.42	20559	18 95–19	0.42	20639	21 84–20	0.37
20240	19 83–19	0.38	20320	20 76–20	0.36	20400	19 49–20	0.39	20480	19 91–20	0.37	20560	20 55–20	0.34	20640	18 91–20	0.35

№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms
		″			″			″			″			″			″
20641	23 91–19	0.40	20721	19 96–19	0.39	20801	18 49–20	0.35	20881	18 89–20	0.41	20961	23 73–19	0.46	21041	22 77–20	0.40
20642	18 97–20	0.47	20722	23 78–20	0.35	20802	20 79–20	0.47	20882	22 49–20	0.36	20962	21 77–20	0.41	21042	20 90–19	0.41
20643	18 97–20	0.39	20723	19 86–19	0.62	20803	21 87–20	0.39	20883	19 79–19	0.42	20963	18 77–20	0.41	21043	20 81–20	0.41
20644	20 77–20	0.35	20724	17 93–19	0.51	20804	19 81–20	0.38	20884	19 97–20	0.40	20964	19 76–20	0.37	21044	19 90–20	0.41
20645	19 97–19	0.35	20725	20 83–20	0.35	20805	21 87–20	0.36	20885	19 86–20	0.31	20965	19 78–20	0.43	21045	19 90–20	0.41
20646	19 93–19	0.37	20726	18 96–20	0.39	20806	19 97–19	0.44	20886	22 74–20	0.40	20966	19 78–19	0.42	21046	20 79–20	0.38
20647	21 81–20	0.41	20727	19 91–19	0.38	20807	20 97–20	0.41	20887	17 93–19	0.38	20967	19 78–20	0.45	21047	22 82–20	0.41
20648	17 93–19	0.46	20728	22 56–20	0.38	20808	20 92–20	0.37	20888	19 91–20	0.37	20968	14 78–20	0.39	21048	18 90–20	0.37
20649	20 91–19	0.40	20729	21 53–20	0.37	20809	19 89–20	0.36	20889	18 93–19	0.44	20969	18 79–20	0.41	21049	19 90–20	0.35
20650	19 75–19	0.40	20730	18 82–20	0.38	20810	20 65–20	0.36	20890	20 86–20	0.39	20970	13 81–20	0.42	21050	17 87–20	0.43
20651	18 93–19	0.43	20731	20 91–19	0.39	20811	20 77–19	0.42	20891	20 91–20	0.36	20971	19 81–20	0.38	21051	18 90–20	0.44
20652	19 82–20	0.39	20732	20 93–20	0.36	20812	18 93–20	0.40	20892	17 89–19	0.37	20972	21 81–19	0.44	21052	21 90–20	0.38
20653	24 77–20	0.33	20733	20 72–19	0.38	20813	19 76–20	0.40	20893	17 79–19	0.40	20973	19 81–20	0.51	21053	19 90–20	0.35
20654	18 96–19	0.37	20734	19 77–19	0.44	20814	17 97–19	0.43	20894	17 96–20	0.37	20974	19 81–20	0.39	21054	21 90–20	0.36
20655	20 97–20	0.41	20735	19 91–20	0.36	20815	18 95–20	0.41	20895	19 89–20	0.37	20975	21 71–20	0.37	21055	19 90–20	0.35
20656	20 93–20	0.43	20736	21 87–19	0.36	20816	20 90–20	0.34	20896	18 90–19	0.34	20976	19 81–19	0.50	21056	15 91–19	0.33
20657	19 82–19	0.39	20737	20 64–20	0.44	20817	20 93–20	0.40	20897	18 97–20	0.39	20977	16 81–19	0.42	21057	20 91–19	0.45
20658	17 91–20	0.44	20738	22 86–19	0.45	20818	22 92–20	0.34	20898	26 51–20	0.49	20978	18 81–19	0.38	21058	18 77–19	0.40
20659	21 91–20	0.43	20739	18 90–19	0.51	20819	19 90–19	0.47	20899	19 83–20	0.40	20979	18 81–19	0.42	21059	20 89–20	0.37
20660	18 96–19	0.42	20740	24 54–20	0.39	20820	20 89–20	0.35	20900	20 89–19	0.49	20980	17 81–19	0.47	21060	18 91–20	0.39
20661	20 93–20	0.44	20741	17 84–19	0.37	20821	18 82–20	0.49	20901	20 81–20	0.37	20981	15 81–18	0.47	21061	18 91–20	0.38
20662	18 88–19	0.49	20742	18 86–19	0.35	20822	20 94–19	0.44	20902	18 93–20	0.39	20982	19 81–19	0.40	21062	20 82–20	0.40
20663	18 92–19	0.42	20743	18 87–20	0.40	20823	21 78–20	0.45	20903	19 87–19	0.32	20983	16 76–19	0.40	21063	17 91–19	0.38
20664	21 92–20	0.34	20744	19 90–20	0.35	20824	20 51–20	0.37	20904	17 60–19	0.40	20984	19 81–19	0.41	21064	21 91–19	0.40
20665	20 77–20	0.39	20745	20 51–20	0.34	20825	20 80–19	0.33	20905	19 60–20	0.46	20985	20 53–20	0.39	21065	19 91–20	0.28
20666	20 94–20	0.41	20746	20 88–20	0.42	20826	17 53–20	0.30	20906	17 60–19	0.41	20986	18 81–20	0.40	21066	18 91–20	0.39
20667	18 90–19	0.42	20747	19 79–20	0.30	20827	19 92–20	0.42	20907	20 60–20	0.36	20987	17 81–20	0.43	21067	17 91–20	0.43
20668	18 94–20	0.37	20748	18 97–19	0.37	20828	18 92–20	0.38	20908	18 60–20	0.39	20988	18 81–20	0.42	21068	19 91–20	0.41
20669	22 86–19	0.43	20749	20 55–20	0.38	20829	19 94–20	0.45	20909	20 60–20	0.35	20989	20 81–20	0.39	21069	20 91–19	0.43
20670	17 96–19	0.41	20750	20 82–20	0.39	20830	23 77–19	0.46	20910	20 60–19	0.41	20990	18 76–20	0.39	21070	18 91–19	0.37
20671	18 91–19	0.38	20751	23 40–20	0.35	20831	19 92–19	0.41	20911	17 60–19	0.58	20991	19 84–20	0.44	21071	16 91–19	0.55
20672	21 78–20	0.38	20752	18 93–19	0.42	20832	18 93–20	0.39	20912	18 60–19	0.45	20992	19 85–20	0.43	21072	20 91–20	0.41
20673	17 83–20	0.42	20753	22 77–20	0.40	20833	20 81–20	0.42	20913	19 60–19	0.38	20993	18 85–20	0.40	21073	21 54–19	0.43
20674	19 95–20	0.40	20754	21 91–20	0.43	20834	16 84–19	0.40	20914	15 60–19	0.46	20994	19 78–19	0.39	21074	19 91–20	0.42
20675	19 92–20	0.34	20755	19 92–19	0.42	20835	20 94–20	0.39	20915	19 60–19	0.43	20995	19 85–19	0.47	21075	24 53–20	0.43
20676	20 90–20	0.33	20756	19 89–19	0.42	20836	19 94–19	0.49	20916	19 60–20	0.37	20996	18 84–20	0.37	21076	21 50–20	0.40
20677	21 78–19	0.46	20757	21 90–20	0.43	20837	22 83–19	0.39	20917	18 60–20	0.46	20997	20 86–20	0.42	21077	19 91–19	0.49
20678	20 76–20	0.40	20758	22 83–19	0.37	20838	18 79–20	0.37	20918	20 51–20	0.43	20998	15 86–20	0.37	21078	20 85–20	0.39
20679	20 50–20	0.37	20759	21 53–19	0.36	20839	18 92–20	0.40	20919	16 60–19	0.45	20999	18 87–19	0.42	21079	20 91–20	0.35
20680	20 87–20	0.35	20760	21 71–19	0.37	20840	18 92–19	0.38	20920	21 60–20	0.40	21000	18 87–20	0.36	21080	21 91–20	0.37
20681	22 79–20	0.40	20761	19 82–20	0.33	20841	20 78–20	0.40	20921	19 60–20	0.42	21001	16 55–19	0.37	21081	17 91–20	0.40
20682	20 77–20	0.40	20762	19 50–19	0.34	20842	20 92–20	0.39	20922	18 60–19	0.40	21002	20 87–20	0.45	21082	16 91–18	0.42
20683	17 89–19	0.37	20763	20 54–19	0.42	20843	20 91–20	0.41	20923	20 60–19	0.41	21003	18 87–20	0.39	21083	16 91–19	0.37
20684	17 94–20	0.37	20764	24 50–20	0.35	20844	19 76–20	0.39	20924	19 60–20	0.40	21004	19 82–19	0.42	21084	19 91–20	0.37
20685	18 78–20	0.35	20765	21 83–20	0.30	20845	20 79–19	0.37	20925	17 60–19	0.39	21005	18 88–19	0.39	21085	17 78–20	0.39
20686	19 94–19	0.39	20766	19 89–20	0.42	20846	17 92–19	0.42	20926	17 71–19	0.38	21006	17 88–19	0.48	21086	18 57–19	0.42
20687	20 81–20	0.39	20767	22 88–20	0.27	20847	20 82–20	0.35	20927	17 71–20	0.37	21007	18 88–20	0.36	21087	19 92–20	0.38
20688	21 82–20	0.41	20768	18 78–20	0.35	20848	20 83–20	0.44	20928	18 71–19	0.42	21008	18 88–19	0.39	21088	16 90–19	0.26
20689	17 92–20	0.36	20769	21 80–20	0.46	20849	17 92–20	0.37	20929	21 71–20	0.42	21009	20 88–20	0.38	21089	19 80–19	0.33
20690	19 92–20	0.35	20770	18 88–19	0.37	20850	17 97–20	0.36	20930	17 71–19	0.41	21010	19 88–20	0.40	21090	17 92–19	0.69
20691	18 92–20	0.31	20771	15 90–19	0.38	20851	19 92–20	0.43	20931	18 71–20	0.41	21011	17 88–20	0.37	21091	20 90–20	0.42
20692	21 82–20	0.40	20772	18 95–20	0.38	20852	17 79–19	0.43	20932	21 56–20	0.34	21012	20 88–20	0.42	21092	19 92–20	0.42
20693	23 91–20	0.42	20773	20 93–20	0.38	20853	17 92–19	0.45	20933	18 71–20	0.42	21013	18 88–19	0.37	21093	20 90–20	0.42
20694	16 95–20	0.36	20774	20 93–19	0.40	20854	21 81–20	0.39	20934	20 71–20	0.36	21014	20 49–19	0.45	21094	20 88–19	0.36
20695	20 91–19	0.45	20775	18 81–20	0.41	20855	18 93–19	0.37	20935	15 71–19	0.44	21015	18 88–19	0.45	21095	19 92–20	0.42
20696	20 89–19	0.36	20776	18 91–19	0.45	20856	19 91–20	0.40	20936	18 71–19	0.36	21016	18 88–20	0.36	21096	21 92–20	0.40
20697	18 73–19	0.40	20777	17 91–19	0.44	20857	19 91–20	0.37	20937	19 73–20	0.46	21017	21 53–19	0.50	21097	19 92–19	0.41
20698	20 94–19	0.38	20778	18 89–20	0.36	20858	17 94–19	0.43	20938	18 73–19	0.47	21018	20 53–20	0.30	21098	18 92–19	0.36
20699	19 90–20	0.35	20779	19 78–20	0.38	20859	20 80–20	0.40	20939	19 73–20	0.42	21019	19 88–19	0.42	21099	17 92–20	0.42
20700	19 91–19	0.44	20780	18 76–19	0.41	20860	16 55–20	0.36	20940	18 73–20	0.39	21020	18 88–20	0.34	21100	19 92–19	0.60
20701	21 57–20	0.39	20781	18 89–20	0.39	20861	20 89–19	0.44	20941	19 73–19	0.45	21021	19 55–19	0.40	21101	18 53–19	0.34
20702	19 95–19	0.37	20782	17 89–19	0.37	20862	17 85–19	0.36	20942	20 60–19	0.51	21022	19 89–20	0.29	21102	17 92–19	0.49
20703	19 93–19	0.39	20783	21 55–20	0.40	20863	21 69–20	0.40	20943	16 73–20	0.42	21023	24 51–20	0.45	21103	19 91–19	0.39
20704	25 54–20	0.28	20784	19 81–20	0.43	20864	17 98–19	0.32	20944	20 73–20	0.44	21024	18 89–20	0.36	21104	19 74–19	0.32
20705	21 50–20	0.36	20785	18 93–20	0.38	20865	20 93–20	0.32	20945	18 73–19	0.45	21025	16 89–19	0.49	21105	21 91–19	0.41
20706	22 55–20	0.36	20786	20 50–20	0.30	20866	19 90–20	0.29	20946	16 73–20	0.39	21026	18 89–20	0.34	21106	16 92–19	0.44
20707	22 88–20	0.39	20787	18 83–20	0.37	20867	20 82–20	0.30	20947	20 73–19	0.45	21027	18 89–20	0.45	21107	21 50–20	0.34
20708	21 88–20	0.33	20788	20 86–20	0.38	20868	21 89–20	0.40	20948	17 73–20	0.42	21028	17 89–20	0.32	21108	17 92–19	0.39
20709	20 54–20	0.35	20789	21 52–19	0.37	20869	19 78–20	0.35	20949	17 60–19	0.55	21029	20 89–20	0.47	21109	19 84–19	0.48
20710	19 93–20	0.37	20790	6 92–19	0.39	20870	20 93–20	0.37	20950	18 73–20	0.40	21030	18 78–20	0.33	21110	18 81–20	0.48
20711	20 50–19	0.29	20791	19 76–19	0.38	20871	19 85–20	0.36	20951	17 73–19	0.46	21031	16 89–19	0.45	21111	19 92–19	0.39
20712	19 72–19	0.31	20792	19 65–20	0.38	20872	18 93–20	0.40	20952	20 73–19	0.49	21032	18 89–20	0.41	21112	16 92–19	0.44
20713	26 53–20	0.31	20793	19 91–20	0.45	20873	19 90–20	0.35	20953	15 77–19	0.39	21033	18 89–20	0.41	21113	20 85–20	0.44
20714	19 93–20	0.45	20794	16 89–19	0.38	20874	21 92–19	0.39	20954	18 77–19	0.39	21034	18 89–19	0.39	21114	15 92–19	0.41
20715	20 91–19	0.45	20795	19 94–20	0.42	20875	20 93–20	0.39	20955	20 77–20	0.44	21035	16 90–19	0.44	21115	20 74–20	0.41
20716	20 51–19	0.42	20796	19 92–19	0.40	20876	20 70–20	0.39	20956	19 77–20	0.40	21036	17 90–19	0.44	21116	18 92–20	0.38
20717	20 86–20	0.33	20797	18 74–20	0.29	20877	19 78–20	0.34	20957	17 77–19	0.39	21037	18 90–20	0.37	21117	19 56–19	0.39
20718	22 86–20	0.37	20798	18 92–20	0.41	20878	20 82–20	0.34	20958	19 00–20	0.41	21038	19 90–19	0.39	21118	20 76–20	0.40
20719	20 49–19	0.42	20799	17 91–19	0.41	20879	17 96–19	0.40	20959	17 36–19	0.45	21039	21 90–20	0.38	21119	18 88–19	0.47
20720	20 91–19	0.52	20800	17 95–20	0.39	20880	19 80–20	0.39	20960	21 71–20	0.41	21040	19 90–20	0.40	21120	18 92–19	0.41

№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms
		″			″			″			″			″			″
21121	17 92–20	0.34	21201	18 92–19	0.46	21281	15 96–19	0.43	21361	20 86–20	0.38	21441	18 91–20	0.39	21521	19 83–20	0.36
21122	23 53–20	0.34	21202	20 92–19	0.49	21282	19 89–20	0.32	21362	18 91–20	0.36	21442	18 93–20	0.41	21522	18 91–19	0.37
21123	16 92–20	0.38	21203	20 94–20	0.35	21283	18 96–20	0.36	21363	16 94–19	0.49	21443	19 92–20	0.35	21523	23 77–20	0.40
21124	18 92–20	0.42	21204	18 90–20	0.42	21284	21 96–19	0.42	21364	18 97–19	0.40	21444	17 89–19	0.45	21524	20 90–19	0.38
21125	20 90–19	0.42	21205	17 94–19	0.40	21285	19 84–19	0.47	21365	18 97–19	0.40	21445	20 55–20	0.42	21525	20 82–20	0.36
21126	20 54–20	0.34	21206	20 94–19	0.46	21286	17 96–20	0.41	21366	20 91–20	0.35	21446	18 92–19	0.44	21526	18 97–20	0.32
21127	21 55–20	0.34	21207	22 90–20	0.44	21287	16 96–20	0.43	21367	20 93–20	0.40	21447	18 81–20	0.42	21527	20 51–20	0.30
21128	21 77–20	0.43	21208	19 94–19	0.46	21288	16 96–19	0.41	21368	19 97–19	0.36	21448	20 77–19	0.39	21528	18 87–20	0.36
21129	18 93–19	0.38	21209	18 92–20	0.38	21289	15 91–19	0.41	21369	19 85–19	0.42	21449	17 75–19	0.41	21529	19 95–20	0.37
21130	18 91–20	0.42	21210	20 94–20	0.38	21290	18 96–20	0.44	21370	21 91–19	0.47	21450	17 83–20	0.42	21530	18 72–20	0.36
21131	19 90–19	0.47	21211	21 92–19	0.45	21291	17 78–19	0.45	21371	20 91–19	0.45	21451	17 92–19	0.45	21531	19 83–20	0.44
21132	20 90–20	0.41	21212	21 92–20	0.43	21292	18 96–20	0.39	21372	20 96–19	0.42	21452	18 86–20	0.41	21532	22 54–20	0.37
21133	20 93–20	0.37	21213	17 94–19	0.40	21293	20 75–20	0.38	21373	19 89–20	0.32	21453	19 92–20	0.38	21533	20 89–20	0.37
21134	18 93–20	0.37	21214	17 92–20	0.43	21294	18 91–19	0.43	21374	10 74–18	0.40	21454	20 92–20	0.35	21534	19 95–20	0.39
21135	18 93–20	0.41	21215	18 94–19	0.55	21295	16 91–19	0.44	21375	17 95–20	0.40	21455	16 96–19	0.46	21535	19 91–19	0.39
21136	16 91–20	0.40	21216	21 89–20	0.35	21296	19 89–19	0.42	21376	19 79–20	0.40	21456	17 78–19	0.38	21536	18 92–19	0.38
21137	19 93–19	0.43	21217	19 83–19	0.45	21297	16 96–19	0.39	21377	19 91–19	0.52	21457	17 94–19	0.37	21537	20 93–19	0.42
21138	18 93–19	0.43	21218	17 89–19	0.46	21298	16 96–20	0.37	21378	18 81–20	0.31	21458	18 92–20	0.43	21538	20 80–19	0.40
21139	18 93–19	0.35	21219	17 72–19	0.48	21299	16 93–19	0.43	21379	15 60–19	0.37	21459	20 50–20	0.40	21539	19 95–20	0.41
21140	18 93–19	0.39	21220	19 78–20	0.42	21300	16 96–19	0.39	21380	18 91–19	0.41	21460	19 91–20	0.34	21540	17 81–19	0.39
21141	18 93–20	0.36	21221	20 92–20	0.34	21301	17 96–19	0.43	21381	17 96–19	0.37	21461	18 83–20	0.38	21541	19 71–20	0.43
21142	17 91–19	0.50	21222	16 95–19	0.39	21302	20 92–20	0.45	21382	17 96–20	0.45	21462	18 81–20	0.35	21542	23 87–20	0.41
21143	21 90–20	0.44	21223	19 95–19	0.42	21303	18 96–20	0.37	21383	18 91–19	0.42	21463	18 80–20	0.42	21543	19 90–20	0.47
21144	19 93–20	0.39	21224	18 92–19	0.53	21304	16 96–19	0.38	21384	19 92–20	0.39	21464	17 78–19	0.46	21544	19 86–20	0.39
21145	19 93–20	0.35	21225	17 72–19	0.39	21305	16 81–20	0.39	21385	20 91–20	0.40	21465	18 91–19	0.35	21545	21 91–19	0.39
21146	20 92–20	0.39	21226	17 95–19	0.44	21306	18 54–20	0.37	21386	17 73–20	0.40	21466	20 76–20	0.39	21546	17 92–19	0.41
21147	19 93–20	0.47	21227	18 95–20	0.40	21307	14 96–19	0.44	21387	18 94–20	0.39	21467	18 94–20	0.35	21547	21 88–20	0.41
21148	20 93–20	0.43	21228	13 54–20	0.38	21308	17 96–20	0.38	21388	16 91–19	0.41	21468	19 96–20	0.44	21548	18 97–20	0.41
21149	17 50–20	0.37	21229	17 95–19	0.38	21309	16 96–20	0.41	21389	17 60–19	0.38	21469	17 94–19	0.43	21549	19 91–20	0.42
21150	18 93–20	0.35	21230	19 91–20	0.38	21310	20 93–20	0.39	21390	18 89–19	0.43	21470	20 86–19	0.41	21550	20 84–20	0.36
21151	19 60–19	0.37	21231	20 94–20	0.38	21311	16 94–20	0.43	21391	18 76–19	0.42	21471	19 95–20	0.41	21551	19 60–19	0.40
21152	20 55–20	0.32	21232	19 91–20	0.41	21312	19 94–19	0.38	21392	17 86–19	0.45	21472	16 81–20	0.39	21552	22 73–20	0.31
21153	18 90–20	0.43	21233	17 95–19	0.39	21313	17 96–20	0.37	21393	19 76–20	0.37	21473	19 91–20	0.42	21553	19 91–20	0.40
21154	18 89–19	0.41	21234	18 95–20	0.43	21314	18 95–20	0.40	21394	17 89–20	0.46	21474	17 94–20	0.43	21554	20 97–20	0.38
21155	20 93–20	0.41	21235	22 85–20	0.39	21315	15 92–19	0.44	21395	18 95–20	0.39	21475	18 51–20	0.39	21555	20 87–19	0.36
21156	17 93–20	0.43	21236	19 93–20	0.41	21316	16 96–20	0.40	21396	20 92–20	0.39	21476	18 76–20	0.41	21556	19 53–20	0.37
21157	20 93–20	0.45	21237	19 91–20	0.43	21317	18 96–19	0.39	21397	20 81–20	0.41	21477	18 95–19	0.42	21557	23 62–20	0.30
21158	17 90–20	0.32	21238	19 91–20	0.30	21318	16 90–20	0.40	21398	20 76–19	0.42	21478	20 92–19	0.43	21558	18 92–19	0.42
21159	20 71–20	0.33	21239	18 95–19	0.44	21319	18 96–20	0.31	21399	17 96–19	0.40	21479	20 91–20	0.33	21559	19 60–20	0.34
21160	20 91–19	0.43	21240	18 95–20	0.39	21320	19 91–20	0.37	21400	16 94–19	0.40	21480	19 92–20	0.45	21560	19 76–20	0.38
21161	18 93–20	0.40	21241	19 91–19	0.40	21321	16 85–19	0.58	21401	20 94–20	0.40	21481	17 92–20	0.41	21561	20 54–19	0.47
21162	22 91–20	0.42	21242	22 76–20	0.38	21322	18 84–20	0.39	21402	15 96–19	0.37	21482	19 92–20	0.35	21562	20 72–20	0.38
21163	18 92–20	0.39	21243	18 95–20	0.35	21323	17 97–19	0.41	21403	19 94–20	0.43	21483	18 84–19	0.42	21563	19 94–20	0.40
21164	21 82–20	0.47	21244	19 95–20	0.39	21324	15 96–19	0.45	21404	18 96–20	0.35	21484	17 82–20	0.44	21564	20 71–19	0.40
21165	18 91–20	0.36	21245	17 95–20	0.34	21325	18 94–19	0.44	21405	17 96–19	0.41	21485	17 94–20	0.39	21565	21 77–20	0.35
21166	17 91–19	0.40	21246	19 95–20	0.34	21326	17 97–19	0.49	21406	20 60–20	0.41	21486	18 91–20	0.33	21566	19 82–20	0.33
21167	20 93–20	0.38	21247	20 77–20	0.37	21327	17 69–20	0.36	21407	19 93–19	0.40	21487	20 91–19	0.46	21567	19 81–20	0.43
21168	17 94–20	0.40	21248	19 83–20	0.35	21328	18 94–20	0.38	21408	18 91–19	0.37	21488	19 73–20	0.46	21568	17 55–20	0.31
21169	16 60–19	0.46	21249	18 87–20	0.38	21329	20 79–20	0.42	21409	19 74–19	0.46	21489	16 94–19	0.43	21569	18 95–19	0.43
21170	17 94–19	0.46	21250	17 95–20	0.41	21330	18 97–19	0.47	21410	18 91–19	0.45	21490	18 95–20	0.40	21570	20 90–20	0.36
21171	18 92–20	0.46	21251	19 95–20	0.37	21331	17 97–20	0.34	21411	19 79–20	0.38	21491	17 94–20	0.42	21571	20 81–19	0.41
21172	19 91–19	0.44	21252	19 95–20	0.36	21332	16 92–20	0.44	21412	18 90–20	0.37	21492	17 93–19	0.40	21572	18 92–19	0.40
21173	17 94–19	0.44	21253	18 95–19	0.42	21333	17 97–20	0.39	21413	17 94–20	0.39	21493	20 79–20	0.37	21573	19 96–20	0.40
21174	19 92–20	0.36	21254	18 92–19	0.60	21334	17 91–20	0.42	21414	18 94–20	0.35	21494	19 91–20	0.36	21574	20 54–20	0.35
21175	18 92–19	0.43	21255	18 96–19	0.51	21335	17 89–20	0.38	21415	20 69–20	0.36	21495	20 50–20	0.40	21575	20 89–20	0.43
21176	19 80–20	0.41	21256	19 96–20	0.37	21336	18 97–20	0.44	21416	17 84–20	0.42	21496	19 90–20	0.44	21576	19 91–19	0.41
21177	15 94–19	0.41	21257	20 93–20	0.39	21337	19 97–19	0.41	21417	17 97–20	0.45	21497	17 94–20	0.46	21577	19 55–20	0.40
21178	20 94–20	0.36	21258	22 79–19	0.41	21338	19 93–20	0.36	21418	17 93–20	0.41	21498	17 89–20	0.44	21578	20 50–20	0.31
21179	18 94–20	0.41	21259	19 91–20	0.43	21339	16 95–20	0.34	21419	18 91–19	0.43	21499	18 93–20	0.34	21579	19 96–19	0.42
21180	17 94–20	0.40	21260	16 89–20	0.37	21340	19 96–20	0.44	21420	16 96–19	0.42	21500	17 60–19	0.44	21580	20 91–20	0.35
21181	19 94–20	0.29	21261	18 85–20	0.32	21341	18 97–20	0.38	21421	18 86–20	0.38	21501	17 78–19	0.40	21581	20 91–20	0.38
21182	21 68–19	0.40	21262	19 96–19	0.40	21342	18 97–19	0.43	21422	17 94–20	0.37	21502	18 97–19	0.40	21582	19 90–19	0.38
21183	17 75–19	0.40	21263	17 94–19	0.40	21343	20 91–20	0.36	21423	18 94–20	0.38	21503	18 95–20	0.41	21583	20 96–20	0.50
21184	17 94–20	0.38	21264	20 95–20	0.37	21344	19 90–20	0.43	21424	16 93–20	0.42	21504	19 82–20	0.40	21584	19 96–20	0.35
21185	17 92–20	0.50	21265	19 84–20	0.38	21345	17 92–19	0.37	21425	19 91–19	0.42	21505	16 91–20	0.47	21585	19 92–20	0.39
21186	19 91–20	0.37	21266	19 90–20	0.39	21346	19 86–19	0.54	21426	18 94–19	0.43	21506	17 87–19	0.65	21586	23 85–20	0.35
21187	18 76–20	0.37	21267	18 96–20	0.42	21347	19 97–20	0.36	21427	17 86–20	0.38	21507	19 94–20	0.43	21587	22 77–20	0.32
21188	18 94–20	0.40	21268	16 91–20	0.37	21348	17 97–19	0.43	21428	17 92–20	0.44	21508	19 97–20	0.38	21588	21 91–19	0.40
21189	19 91–19	0.44	21269	21 82–20	0.41	21349	20 93–20	0.40	21429	17 94–19	0.37	21509	16 82–19	0.47	21589	19 92–20	0.41
21190	18 94–19	0.41	21270	17 96–20	0.37	21350	17 92–20	0.42	21430	17 88–20	0.44	21510	19 97–20	0.40	21590	21 93–20	0.39
21191	20 94–20	0.45	21271	21 80–19	0.43	21351	21 74–19	0.49	21431	17 78–20	0.42	21511	18 91–19	0.43	21591	23 52–20	0.37
21192	17 94–20	0.38	21272	15 96–20	0.43	21352	18 95–20	0.41	21432	17 96–19	0.45	21512	20 55–20	0.41	21592	23 83–20	0.35
21193	18 94–20	0.39	21273	17 91–19	0.39	21353	20 97–20	0.39	21433	17 88–20	0.41	21513	19 92–19	0.39	21593	19 96–20	0.42
21194	20 94–20	0.33	21274	18 89–20	0.41	21354	18 97–19	0.38	21434	17 97–20	0.40	21514	21 77–19	0.41	21594	20 87–19	0.41
21195	19 94–20	0.42	21275	18 92–20	0.34	21355	17 94–20	0.32	21435	15 94–19	0.39	21515	19 97–20	0.41	21595	23 82–19	0.34
21196	21 92–19	0.49	21276	17 96–19	0.37	21356	19 92–20	0.45	21436	18 89–20	0.38	21516	18 78–20	0.35	21596	21 86–19	0.41
21197	20 92–20	0.36	21277	12 90–20	0.45	21357	20 94–20	0.41	21437	20 94–20	0.47	21517	18 96–20	0.38	21597	18 96–20	0.32
21198	18 92–20	0.38	21278	18 91–19	0.43	21358	22 90–20	0.41	21438	18 94–20	0.36	21518	18 75–19	0.33	21598	20 83–20	0.43
21199	18 94–20	0.47	21279	17 91–20	0.37	21359	19 97–20	0.38	21439	17 60–20	0.45	21519	18 82–20	0.35	21599	21 90–19	0.46
21200	17 93–20	0.43	21280	17 95–20	0.42	21360	22 81–20	0.38	21440	18 94–19	0.35	21520	21 88–19	0.43	21600	22 76–20	0.32

№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms
		″			″			″			″			″			″
21601	22 91–20	0.24	21681	19 93–20	0.48	21761	15 91–19	0.48	21841	19 95–19	0.37	21921	19 88–19	0.36	22001	22 88–20	0.37
21602	20 83–19	0.48	21682	18 86–20	0.35	21762	16 93–19	0.38	21842	20 87–20	0.29	21922	17 92–20	0.38	22002	18 60–19	0.43
21603	21 83–20	0.38	21683	19 77–19	0.47	21763	21 79–20	0.32	21843	17 94–20	0.45	21923	19 93–19	0.30	22003	20 93–20	0.42
21604	18 78–19	0.42	21684	16 88–20	0.44	21764	21 82–19	0.40	21844	17 91–19	0.40	21924	17 95–20	0.36	22004	18 94–20	0.35
21605	20 91–20	0.32	21685	20 78–20	0.39	21765	15 90–19	0.40	21845	17 91–20	0.37	21925	18 94–19	0.40	22005	19 93–19	0.41
21606	17 92–20	0.43	21686	20 54–19	0.40	21766	22 41–20	0.34	21846	19 91–20	0.34	21926	19 94–19	0.37	22006	20 93–20	0.42
21607	19 92–20	0.32	21687	21 90–20	0.34	21767	18 82–19	0.42	21847	17 85–20	0.37	21927	19 77–19	0.40	22007	17 85–19	0.42
21608	18 81–20	0.41	21688	16 54–20	0.30	21768	19 83–20	0.36	21848	21 54–20	0.40	21928	19 97–20	0.41	22008	22 91–19	0.45
21609	24 50–20	0.39	21689	18 94–20	0.39	21769	18 95–20	0.40	21849	17 95–19	0.45	21929	20 78–19	0.40	22009	24 91–19	0.45
21610	19 81–20	0.39	21690	20 90–20	0.32	21770	17 97–20	0.37	21850	18 71–19	0.46	21930	20 91–20	0.38	22010	22 91–19	0.38
21611	20 78–20	0.44	21691	18 95–20	0.32	21771	17 54–20	0.40	21851	18 94–20	0.42	21931	19 77–20	0.39	22011	16 90–19	0.39
21612	18 80–19	0.39	21692	19 82–20	0.37	21772	18 88–20	0.40	21852	17 95–20	0.39	21932	20 91–20	0.42	22012	18 89–19	0.48
21613	18 92–20	0.32	21693	17 78–19	0.44	21773	19 55–20	0.34	21853	18 92–19	0.40	21933	20 95–20	0.41	22013	19 94–20	0.39
21614	19 71–20	0.34	21694	16 58–19	0.37	21774	17 92–19	0.40	21854	20 91–19	0.39	21934	20 88–19	0.33	22014	19 78–20	0.37
21615	18 93–20	0.44	21695	20 76–20	0.44	21775	17 92–19	0.41	21855	20 95–20	0.41	21935	21 77–20	0.35	22015	25 76–20	0.34
21616	18 95–20	0.39	21696	20 71–20	0.43	21776	17 93–19	0.44	21856	18 88–20	0.38	21936	17 94–20	0.46	22016	18 92–19	0.44
21617	18 89–20	0.39	21697	19 84–20	0.39	21777	18 95–19	0.38	21857	19 94–20	0.38	21937	22 92–20	0.41	22017	19 92–20	0.41
21618	18 95–20	0.43	21698	18 79–19	0.42	21778	17 92–20	0.37	21858	20 76–20	0.39	21938	17 93–20	0.36	22018	20 82–19	0.39
21619	17 95–20	0.41	21699	19 72–19	0.39	21779	19 92–19	0.39	21859	18 95–19	0.39	21939	21 93–20	0.41	22019	18 91–19	0.45
21620	19 95–20	0.50	21700	20 91–19	0.39	21780	17 89–19	0.44	21860	19 92–20	0.44	21940	19 97–19	0.42	22020	21 96–20	0.41
21621	22 88–20	0.37	21701	20 95–20	0.44	21781	17 92–20	0.43	21861	19 95–19	0.37	21941	18 97–19	0.42	22021	20 90–19	0.40
21622	17 79–19	0.44	21702	17 79–20	0.40	21782	17 94–20	0.43	21862	18 95–19	0.43	21942	19 91–19	0.38	22022	19 70–19	0.43
21623	19 91–20	0.38	21703	17 96–19	0.37	21783	18 91–19	0.40	21863	18 96–19	0.42	21943	18 95–20	0.37	22023	18 81–20	0.34
21624	20 83–20	0.31	21704	20 91–19	0.39	21784	17 97–20	0.39	21864	17 94–19	0.43	21944	17 87–19	0.43	22024	19 57–19	0.48
21625	15 50–19	0.40	21705	19 71–20	0.42	21785	17 76–20	0.44	21865	21 90–20	0.32	21945	19 90–19	0.48	22025	19 80–20	0.40
21626	18 82–19	0.42	21706	19 94–20	0.40	21786	20 80–20	0.50	21866	19 91–19	0.48	21946	19 91–20	0.35	22026	21 72–19	0.43
21627	18 91–19	0.36	21707	18 75–19	0.44	21787	17 91–19	0.32	21867	20 95–20	0.34	21947	20 94–20	0.42	22027	17 91–19	0.52
21628	18 77–20	0.33	21708	18 97–19	0.45	21788	20 89–20	0.38	21868	19 97–20	0.40	21948	19 92–19	0.35	22028	18 81–19	0.60
21629	16 96–20	0.37	21709	18 74–20	0.40	21789	16 89–19	0.41	21869	20 77–20	0.43	21949	18 90–19	0.38	22029	20 90–20	0.41
21630	18 95–20	0.37	21710	18 76–20	0.34	21790	20 96–20	0.38	21870	17 92–19	0.42	21950	18 78–19	0.37	22030	18 89–20	0.41
21631	21 77–20	0.46	21711	19 91–20	0.36	21791	18 81–20	0.41	21871	17 80–19	0.38	21951	19 96–19	0.46	22031	19 97–20	0.39
21632	19 66–20	0.40	21712	18 88–20	0.40	21792	17 94–20	0.34	21872	19 72–19	0.43	21952	19 86–20	0.39	22032	18 91–19	0.42
21633	21 77–20	0.39	21713	17 96–19	0.39	21793	20 96–20	0.48	21873	19 82–20	0.41	21953	17 92–20	0.41	22033	18 94–19	0.37
21634	21 56–20	0.39	21714	19 74–20	0.30	21794	18 83–19	0.37	21874	18 91–19	0.44	21954	20 88–20	0.44	22034	18 92–20	0.56
21635	18 92–20	0.40	21715	19 94–19	0.38	21795	18 53–19	0.39	21875	19 94–20	0.39	21955	20 88–20	0.35	22035	18 89–19	0.50
21636	18 92–20	0.39	21716	17 94–20	0.42	21796	19 84–20	0.40	21876	19 60–20	0.37	21956	21 55–20	0.43	22036	18 91–20	0.45
21637	18 81–20	0.38	21717	16 94–20	0.42	21797	19 81–20	0.37	21877	16 94–20	0.37	21957	18 97–19	0.43	22037	18 97–19	0.41
21638	17 92–19	0.40	21718	19 54–19	0.43	21798	17 79–20	0.42	21878	20 79–19	0.38	21958	18 89–20	0.42	22038	19 89–20	0.38
21639	19 53–19	0.40	21719	18 94–20	0.42	21799	21 85–20	0.42	21879	18 97–19	0.44	21959	20 96–20	0.42	22039	18 91–19	0.44
21640	16 77–19	0.39	21720	18 78–20	0.44	21800	18 89–20	0.39	21880	18 97–19	0.38	21960	19 94–20	0.43	22040	19 93–20	0.38
21641	18 93–20	0.42	21721	20 94–20	0.44	21801	21 73–20	0.37	21881	19 92–20	0.40	21961	22 55–19	0.38	22041	20 88–19	0.44
21642	18 95–19	0.37	21722	20 91–20	0.42	21802	19 91–19	0.45	21882	19 91–20	0.39	21962	20 90–20	0.34	22042	19 86–19	0.41
21643	19 84–19	0.41	21723	19 81–20	0.40	21803	18 80–19	0.33	21883	17 77–20	0.43	21963	17 97–19	0.40	22043	18 91–20	0.32
21644	17 73–20	0.40	21724	19 85–19	0.41	21804	20 91–20	0.36	21884	19 78–19	0.43	21964	22 87–19	0.43	22044	22 54–20	0.53
21645	16 91–19	0.57	21725	19 89–19	0.39	21805	20 89–19	0.42	21885	19 92–19	0.40	21965	18 96–20	0.42	22045	19 62–20	0.37
21646	18 97–20	0.40	21726	17 94–20	0.41	21806	20 84–20	0.43	21886	21 60–19	0.36	21966	19 88–20	0.38	22046	17 97–19	0.54
21647	19 94–20	0.41	21727	18 90–19	0.36	21807	21 91–20	0.40	21887	19 78–20	0.38	21967	20 83–19	0.27	22047	18 82–20	0.36
21648	18 87–19	0.42	21728	20 93–20	0.41	21808	18 94–20	0.35	21888	18 96–19	0.42	21968	19 92–20	0.40	22048	20 97–20	0.38
21649	21 81–20	0.39	21729	17 96–20	0.40	21809	20 91–20	0.43	21889	20 60–19	0.38	21969	19 81–20	0.41	22049	22 90–19	0.41
21650	18 92–20	0.38	21730	17 95–20	0.41	21810	19 95–19	0.48	21890	18 86–19	0.47	21970	17 96–19	0.39	22050	23 89–20	0.34
21651	19 97–19	0.47	21731	18 97–19	0.39	21811	18 93–19	0.42	21891	20 76–20	0.43	21971	18 82–20	0.47	22051	17 97–19	0.37
21652	20 88–20	0.51	21732	17 95–19	0.43	21812	16 92–19	0.38	21892	19 96–19	0.42	21972	18 95–19	0.40	22052	20 91–19	0.43
21653	19 93–20	0.35	21733	17 96–19	0.42	21813	18 95–20	0.39	21893	19 88–20	0.36	21973	18 51–20	0.39	22053	18 93–19	0.30
21654	19 90–20	0.37	21734	19 97–19	0.42	21814	18 89–20	0.41	21894	20 90–19	0.41	21974	21 82–20	0.36	22054	18 95–19	0.43
21655	18 91–19	0.35	21735	18 94–20	0.36	21815	20 80–20	0.37	21895	19 82–19	0.41	21975	21 31–20	0.43	22055	23 91–20	0.42
21656	20 90–20	0.37	21736	22 84–20	0.37	21816	17 53–19	0.51	21896	20 93–20	0.34	21976	18 92–20	0.32	22056	22 86–20	0.40
21657	17 89–19	0.40	21737	17 82–20	0.37	21817	17 82–19	0.44	21897	19 92–20	0.40	21977	19 87–20	0.32	22057	18 92–19	0.51
21658	19 92–20	0.32	21738	19 91–20	0.43	21818	20 76–19	0.40	21898	17 88–19	0.43	21978	16 97–19	0.41	22058	24 79–19	0.38
21659	17 95–19	0.43	21739	17 94–19	0.42	21819	19 97–20	0.41	21899	20 96–20	0.36	21979	18 71–18	0.43	22059	21 94–19	0.42
21660	18 93–20	0.40	21740	17 73–19	0.48	21820	20 92–20	0.38	21900	21 51–20	0.28	21980	19 97–20	0.39	22060	19 80–20	0.34
21661	21 84–20	0.44	21741	18 91–20	0.39	21821	20 92–20	0.37	21901	19 82–19	0.57	21981	19 97–20	0.38	22061	20 89–20	0.38
21662	19 93–20	0.37	21742	19 90–20	0.40	21822	19 89–20	0.36	21902	20 49–19	0.41	21982	19 80–20	0.32	22062	19 97–20	0.41
21663	25 50–20	0.42	21743	18 91–19	0.45	21823	18 97–20	0.39	21903	18 91–19	0.33	21983	17 85–19	0.48	22063	18 92–19	0.45
21664	17 88–18	0.39	21744	18 92–20	0.40	21824	19 82–20	0.39	21904	19 88–19	0.31	21984	17 93–20	0.42	22064	21 81–20	0.44
21665	18 84–19	0.43	21745	20 93–19	0.42	21825	19 92–20	0.40	21905	18 94–19	0.37	21985	20 95–19	0.40	22065	21 82–20	0.37
21666	18 90–20	0.41	21746	17 91–19	0.40	21826	19 91–19	0.41	21906	18 76–19	0.40	21986	19 81–20	0.39	22066	18 95–19	0.42
21667	17 84–19	0.45	21747	17 86–20	0.38	21827	17 91–20	0.41	21907	20 82–19	0.54	21987	18 81–19	0.45	22067	20 92–20	0.35
21668	20 75–20	0.37	21748	17 89–20	0.36	21828	19 96–19	0.44	21908	20 76–20	0.39	21988	18 86–19	0.46	22068	19 80–19	0.36
21669	18 94–19	0.38	21749	21 54–19	0.46	21829	17 94–19	0.37	21909	18 95–20	0.43	21989	19 77–20	0.47	22069	21 78–20	0.36
21670	17 96–19	0.38	21750	17 96–19	0.38	21830	19 78–19	0.39	21910	25 51–20	0.40	21990	20 93–20	0.43	22070	22 93–20	0.40
21671	19 82–19	0.43	21751	16 90–19	0.39	21831	19 86–19	0.35	21911	20 71–20	0.36	21991	19 95–20	0.42	22071	20 89–20	0.37
21672	19 91–19	0.47	21752	17 92–20	0.37	21832	19 91–20	0.43	21912	17 51–19	0.46	21992	19 76–20	0.38	22072	19 95–20	0.36
21673	20 91–20	0.38	21753	17 97–20	0.40	21833	17 94–19	0.40	21913	18 92–19	0.45	21993	19 97–20	0.36	22073	20 95–19	0.41
21674	19 97–19	0.40	21754	16 94–19	0.38	21834	17 93–19	0.38	21914	19 70–20	0.42	21994	17 92–20	0.37	22074	22 77–20	0.31
21675	19 95–20	0.39	21755	20 51–19	0.35	21835	20 92–20	0.44	21915	18 95–20	0.36	21995	18 97–20	0.41	22075	18 95–19	0.46
21676	21 71–19	0.45	21756	18 89–20	0.47	21836	19 93–19	0.40	21916	19 91–20	0.41	21996	22 51–20	0.33	22076	19 92–20	0.39
21677	16 87–20	0.46	21757	19 54–19	0.63	21837	18 82–20	0.39	21917	18 96–19	0.43	21997	19 78–19	0.39	22077	18 97–20	0.41
21678	19 91–19	0.44	21758	17 89–19	0.39	21838	20 90–20	0.41	21918	18 74–19	0.39	21998	18 90–20	0.39	22078	19 86–19	0.42
21679	21 76–20	0.39	21759	17 94–20	0.44	21839	18 92–19	0.39	21919	18 95–19	0.54	21999	18 90–19	0.33	22079	20 54–20	0.41
21680	20 81–20	0.35	21760	18 73–20	0.37	21840	17 97–19	0.44	21920	18 95–19	0.44	22000	21 91–20	0.44	22080	18 90–20	0.38

№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms
		″			″			″			″			″			″
22081	21 85–20	0.35	22161	19 93–20	0.37	22241	18 77–19	0.46	22321	18 91–20	0.39	22401	22 88–20	0.40	22481	20 94–20	0.45
22082	16 88–19	0.38	22162	17 91–19	0.37	22242	17 77–19	0.44	22322	20 54–20	0.40	22402	19 54–20	0.40	22482	22 54–20	0.36
22083	22 93–20	0.33	22163	20 90–19	0.47	22243	22 77–20	0.43	22323	17 91–18	0.47	22403	18 91–19	0.40	22483	18 71–19	0.47
22084	18 92–19	0.32	22164	17 93–19	0.57	22244	19 77–20	0.39	22324	20 91–20	0.41	22404	16 95–19	0.41	22484	19 97–20	0.40
22085	20 73–20	0.35	22165	16 96–19	0.41	22245	20 77–20	0.39	22325	20 91–20	0.34	22405	17 95–19	0.41	22485	17 94–20	0.38
22086	20 79–19	0.43	22166	18 89–20	0.29	22246	17 77–20	0.42	22326	19 91–20	0.39	22406	17 95–19	0.44	22486	18 97–20	0.41
22087	22 67–20	0.32	22167	15 91–19	0.44	22247	17 77–20	0.41	22327	19 91–20	0.40	22407	17 95–20	0.38	22487	18 97–20	0.44
22088	18 95–19	0.34	22168	19 80–20	0.41	22248	19 77–19	0.48	22328	20 91–19	0.39	22408	18 77–20	0.39	22488	17 86–19	0.40
22089	20 95–20	0.38	22169	21 86–20	0.44	22249	23 71–20	0.44	22329	19 78–19	0.52	22409	20 31–20	0.33	22489	18 97–19	0.39
22090	20 91–19	0.43	22170	20 87–20	0.42	22250	18 78–19	0.45	22330	20 82–20	0.43	22410	18 95–19	0.34	22490	17 83–20	0.36
22091	19 90–19	0.38	22171	18 89–19	0.49	22251	16 78–19	0.42	22331	17 86–19	0.40	22411	19 83–20	0.41	22491	19 97–20	0.41
22092	19 60–20	0.30	22172	19 89–20	0.43	22252	22 51–20	0.36	22332	19 92–20	0.42	22412	24 55–20	0.36	22492	19 94–20	0.47
22093	20 90–20	0.34	22173	17 89–19	0.43	22253	18 78–20	0.30	22333	17 92–20	0.39	22413	18 79–20	0.40	22493	21 91–19	0.39
22094	20 97–20	0.41	22174	16 95–19	0.48	22254	20 60–20	0.46	22334	18 92–19	0.45	22414	14 95–19	0.46	22494	17 91–20	0.39
22095	21 94–20	0.35	22175	20 81–20	0.42	22255	18 78–19	0.42	22335	21 92–20	0.44	22415	19 91–20	0.42	22495	17 97–20	0.36
22096	18 95–20	0.33	22176	20 78–20	0.27	22256	18 78–20	0.44	22336	19 90–20	0.40	22416	17 93–19	0.44	22496	21 89–20	0.41
22097	22 38–19	0.35	22177	20 77–20	0.33	22257	18 78–20	0.39	22337	19 90–20	0.36	22417	16 76–18	0.41	22497	19 91–20	0.37
22098	20 88–19	0.35	22178	18 95–19	0.47	22258	20 52–20	0.42	22338	23 87–20	0.38	22418	20 86–19	0.46	22498	20 93–19	0.40
22099	12 94–17	0.35	22179	17 90–20	0.34	22259	19 79–20	0.43	22339	22 91–20	0.39	22419	18 53–20	0.35	22499	18 97–19	0.44
22100	20 91–20	0.36	22180	26 54–20	0.28	22260	19 79–20	0.39	22340	17 92–20	0.39	22420	17 95–20	0.40	22500	20 52–19	0.39
22101	20 82–20	0.35	22181	21 82–20	0.35	22261	18 80–19	0.33	22341	17 92–20	0.38	22421	17 93–19	0.41	22501	18 93–19	0.36
22102	19 92–19	0.44	22182	16 94–20	0.36	22262	18 54–19	0.39	22342	16 92–19	0.46	22422	18 95–20	0.33	22502	16 92–19	0.38
22103	19 80–19	0.44	22183	21 90–20	0.33	22263	19 54–20	0.32	22343	17 92–20	0.36	22423	17 95–19	0.40	22503	20 97–19	0.47
22104	23 55–20	0.30	22184	19 55–19	0.36	22264	17 81–20	0.39	22344	21 92–19	0.38	22424	20 92–20	0.42	22504	18 93–20	0.38
22105	19 75–20	0.39	22185	22 83–20	0.35	22265	19 79–20	0.41	22345	19 75–20	0.29	22425	19 92–20	0.36	22505	18 92–20	0.45
22106	25 53–20	0.31	22186	18 96–20	0.40	22266	17 81–19	0.45	22346	15 92–19	0.42	22426	19 92–19	0.36	22506	18 93–20	0.43
22107	19 51–20	0.34	22187	18 95–19	0.39	22267	16 81–20	0.42	22347	16 81–20	0.41	22427	21 53–19	0.37	22507	18 96–19	0.42
22108	22 55–19	0.50	22188	17 87–19	0.35	22268	17 81–20	0.42	22348	18 89–19	0.44	22428	19 96–20	0.39	22508	21 91–19	0.39
22109	21 53–20	0.43	22189	17 60–19	0.45	22269	17 81–20	0.40	22349	17 77–20	0.34	22429	17 96–19	0.46	22509	18 79–20	0.37
22110	20 91–20	0.40	22190	19 60–20	0.40	22270	19 78–19	0.72	22350	19 77–20	0.40	22430	18 96–20	0.39	22510	18 91–19	0.43
22111	17 92–19	0.43	22191	18 60–19	0.46	22271	19 78–19	0.36	22351	19 78–19	0.40	22431	19 91–20	0.36	22511	18 92–20	0.41
22112	17 89–20	0.40	22192	20 60–20	0.42	22272	18 71–19	0.48	22352	18 50–20	0.42	22432	16 93–19	0.48	22512	19 91–20	0.41
22113	19 53–19	0.40	22193	17 60–19	0.45	22273	18 81–19	0.41	22353	18 92–20	0.38	22433	20 96–19	0.45	22513	17 94–19	0.42
22114	22 55–20	0.35	22194	18 60–19	0.47	22274	19 81–20	0.35	22354	23 55–19	0.36	22434	18 79–19	0.47	22514	18 89–20	0.37
22115	22 76–20	0.38	22195	15 60–19	0.42	22275	18 82–20	0.31	22355	18 81–20	0.40	22435	19 95–19	0.35	22515	17 90–19	0.40
22116	20 92–20	0.46	22196	19 60–20	0.41	22276	19 82–20	0.37	22356	17 92–19	0.39	22436	18 96–20	0.42	22516	19 95–20	0.38
22117	15 88–19	0.54	22197	20 60–19	0.37	22277	18 82–19	0.43	22357	18 88–20	0.42	22437	21 91–19	0.40	22517	18 84–20	0.37
22118	21 78–20	0.42	22198	20 60–19	0.40	22278	16 83–19	0.44	22358	19 90–19	0.46	22438	18 96–19	0.34	22518	18 85–20	0.39
22119	19 91–20	0.34	22199	19 60–19	0.48	22279	17 84–19	0.35	22359	20 89–20	0.35	22439	20 94–19	0.36	22519	19 92–20	0.47
22120	17 81–20	0.40	22200	19 60–20	0.40	22280	20 85–19	0.38	22360	22 64–20	0.38	22440	19 96–20	0.38	22520	19 91–19	0.44
22121	21 55–19	0.40	22201	18 60–20	0.41	22281	17 85–20	0.39	22361	18 78–19	0.39	22441	18 90–20	0.35	22521	20 60–19	0.40
22122	22 92–19	0.48	22202	18 60–19	0.43	22282	19 85–20	0.36	22362	17 91–20	0.44	22442	16 96–20	0.40	22522	16 77–19	0.34
22123	19 89–19	0.34	22203	26 54–19	0.42	22283	19 86–20	0.44	22363	17 93–19	0.39	22443	17 91–20	0.37	22523	21 84–20	0.38
22124	18 60–19	0.48	22204	19 60–20	0.42	22284	18 86–19	0.49	22364	20 93–19	0.40	22444	18 82–20	0.37	22524	17 92–20	0.37
22125	23 82–20	0.43	22205	19 60–19	0.45	22285	19 87–19	0.45	22365	15 91–18	0.45	22445	18 91–20	0.39	22525	17 97–20	0.36
22126	19 94–19	0.39	22206	19 60–20	0.45	22286	22 78–20	0.42	22366	21 92–20	0.41	22446	19 80–20	0.31	22526	19 89–20	0.40
22127	19 94–20	0.40	22207	17 60–20	0.47	22287	18 88–19	0.42	22367	19 85–20	0.40	22447	20 82–19	0.40	22527	19 94–20	0.41
22128	21 49–20	0.37	22208	19 60–20	0.43	22288	15 88–19	0.48	22368	20 78–20	0.45	22448	16 96–19	0.38	22528	17 93–20	0.36
22129	21 77–20	0.32	22209	19 71–19	0.42	22289	20 82–20	0.37	22369	17 90–20	0.31	22449	15 60–19	0.34	22529	20 90–19	0.48
22130	20 55–20	0.34	22210	17 71–20	0.45	22290	16 89–20	0.31	22370	19 93–19	0.41	22450	16 89–20	0.35	22530	19 82–19	0.53
22131	17 95–20	0.41	22211	19 71–19	0.39	22291	22 50–20	0.45	22371	19 93–20	0.38	22451	17 96–20	0.35	22531	17 76–20	0.41
22132	20 92–19	0.40	22212	16 71–20	0.40	22292	18 89–20	0.39	22372	19 92–19	0.50	22452	19 87–20	0.38	22532	17 93–20	0.38
22133	20 97–20	0.42	22213	18 71–20	0.44	22293	17 89–19	0.45	22373	21 91–19	0.44	22453	18 96–19	0.42	22533	18 91–20	0.38
22134	20 94–20	0.35	22214	20 71–19	0.43	22294	17 89–19	0.42	22374	18 93–19	0.45	22454	17 96–20	0.35	22534	17 71–20	0.40
22135	24 53–20	0.35	22215	19 73–20	0.43	22295	18 78–20	0.36	22375	18 93–20	0.40	22455	18 94–20	0.39	22535	17 83–20	0.44
22136	18 91–19	0.41	22216	24 73–20	0.42	22296	16 89–19	0.44	22376	18 93–19	0.41	22456	18 96–20	0.40	22536	17 71–20	0.40
22137	15 94–18	0.41	22217	20 60–20	0.45	22297	20 67–20	0.35	22377	19 93–20	0.42	22457	18 87–19	0.38	22537	18 95–20	0.38
22138	21 91–20	0.38	22218	18 73–19	0.45	22298	21 68–20	0.38	22378	18 91–19	0.40	22458	18 91–19	0.40	22538	19 86–20	0.42
22139	18 91–20	0.41	22219	18 73–19	0.40	22299	19 54–19	0.52	22379	18 91–19	0.37	22459	19 95–19	0.42	22539	18 90–20	0.43
22140	19 93–20	0.40	22220	18 73–20	0.49	22300	21 86–20	0.34	22380	14 94–19	0.47	22460	17 92–19	0.44	22540	19 93–19	0.39
22141	20 51–19	0.34	22221	16 73–20	0.39	22301	18 90–20	0.36	22381	18 92–20	0.39	22461	17 97–20	0.41	22541	17 77–20	0.41
22142	16 96–20	0.44	22222	20 73–19	0.50	22302	19 64–20	0.42	22382	18 94–20	0.48	22462	19 90–20	0.43	22542	19 82–19	0.41
22143	19 92–19	0.42	22223	19 73–20	0.44	22303	20 82–20	0.36	22383	18 60–19	0.41	22463	16 96–20	0.38	22543	17 92–19	0.37
22144	18 78–20	0.39	22224	17 73–19	0.42	22304	18 90–20	0.35	22384	17 94–19	0.42	22464	18 62–19	0.37	22544	17 92–20	0.45
22145	15 91–19	0.42	22225	18 73–19	0.42	22305	22 54–20	0.36	22385	16 94–19	0.38	22465	14 93–20	0.40	22545	16 94–19	0.42
22146	18 91–20	0.43	22226	16 73–19	0.41	22306	20 90–20	0.42	22386	22 55–19	0.51	22466	16 73–20	0.39	22546	17 94–19	0.39
22147	20 86–20	0.40	22227	18 73–19	0.56	22307	19 83–20	0.36	22387	19 94–19	0.35	22467	18 91–19	0.36	22547	18 94–20	0.43
22148	19 91–20	0.36	22228	18 73–19	0.47	22308	19 90–20	0.37	22388	20 90–20	0.47	22468	19 89–20	0.40	22548	19 93–20	0.39
22149	19 94–20	0.34	22229	16 73–20	0.38	22309	17 90–20	0.44	22389	19 94–20	0.45	22469	16 97–20	0.36	22549	21 90–20	0.40
22150	17 93–20	0.35	22230	17 77–19	0.46	22310	20 85–20	0.37	22390	20 94–19	0.46	22470	18 93–20	0.40	22550	18 91–20	0.36
22151	20 79–19	0.38	22231	17 77–19	0.64	22311	18 91–20	0.37	22391	18 92–20	0.37	22471	19 96–20	0.38	22551	16 84–19	0.43
22152	17 89–20	0.37	22232	20 77–20	0.40	22312	18 87–19	0.38	22392	18 90–19	0.41	22472	19 92–20	0.43	22552	17 97–19	0.41
22153	19 91–19	0.42	22233	18 77–20	0.43	22313	21 60–20	0.39	22393	19 71–19	0.57	22473	17 97–19	0.49	22553	17 95–20	0.42
22154	21 80–20	0.44	22234	18 55–20	0.38	22314	16 91–20	0.40	22394	20 72–20	0.42	22474	17 93–19	0.38	22554	20 82–20	0.43
22155	18 82–19	0.40	22235	17 77–20	0.40	22315	18 91–19	0.46	22395	18 80–20	0.41	22475	17 91–19	0.39	22555	17 95–19	0.47
22156	18 86–20	0.41	22236	18 55–20	0.42	22316	17 91–20	0.42	22396	20 75–20	0.40	22476	23 55–20	0.33	22556	21 71–20	0.44
22157	18 94–19	0.36	22237	20 77–20	0.41	22317	23 90–20	0.42	22397	20 94–20	0.37	22477	17 97–20	0.36	22557	17 81–20	0.40
22158	19 95–20	0.40	22238	19 77–19	0.43	22318	18 91–20	0.40	22398	19 94–20	0.36	22478	20 91–19	0.44	22558	18 94–20	0.38
22159	20 77–20	0.34	22239	20 77–19	0.42	22319	19 91–20	0.40	22399	16 95–19	0.47	22479	18 97–20	0.47	22559	18 90–20	0.37
22160	18 91–19	0.39	22240	19 77–20	0.36	22320	18 91–20	0.37	22400	19 93–19	0.43	22480	17 97–20	0.39	22560	19 83–19	0.39

№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms
		″			″			″			″			″			″
22561	18 71–20	0.37	22641	18 95–19	0.33	22721	20 89–19	0.44	22801	18 88–20	0.38	22881	15 89–19	0.39	22961	17 92–19	0.42
22562	19 77–20	0.44	22642	20 55–20	0.29	22722	20 79–20	0.33	22802	20 75–19	0.40	22882	17 92–19	0.40	22962	19 91–19	0.47
22563	17 92–19	0.42	22643	20 91–19	0.43	22723	19 92–20	0.39	22803	19 87–20	0.36	22883	21 77–20	0.41	22963	17 85–19	0.53
22564	17 94–20	0.40	22644	17 93–20	0.37	22724	19 97–20	0.40	22804	17 95–20	0.40	22884	19 92–20	0.40	22964	20 78–20	0.38
22565	19 91–20	0.40	22645	20 90–20	0.41	22725	20 87–19	0.42	22805	20 55–20	0.35	22885	17 94–19	0.40	22965	21 91–19	0.67
22566	17 97–20	0.41	22646	18 97–20	0.39	22726	20 81–19	0.41	22806	17 96–19	0.43	22886	16 91–19	0.40	22966	17 95–20	0.43
22567	16 81–19	0.41	22647	21 91–20	0.39	22727	19 93–20	0.38	22807	21 91–20	0.40	22887	16 93–19	0.42	22967	20 92–20	0.39
22568	20 91–20	0.39	22648	21 91–20	0.42	22728	19 96–20	0.41	22808	20 94–20	0.40	22888	23 55–19	0.44	22968	19 94–20	0.37
22569	18 78–19	0.41	22649	19 93–20	0.42	22729	17 91–20	0.42	22809	18 92–20	0.36	22889	18 91–19	0.37	22969	18 93–19	0.45
22570	17 82–20	0.45	22650	18 86–19	0.44	22730	19 93–20	0.37	22810	16 94–19	0.44	22890	18 96–19	0.41	22970	19 88–19	0.41
22571	16 76–19	0.42	22651	20 89–20	0.36	22731	20 91–20	0.40	22811	17 83–20	0.38	22891	19 51–20	0.35	22971	18 86–20	0.39
22572	19 92–20	0.38	22652	17 93–19	0.41	22732	19 92–19	0.44	22812	16 71–20	0.36	22892	17 92–20	0.35	22972	22 76–19	0.34
22573	17 93–20	0.37	22653	21 54–20	0.40	22733	19 87–19	0.37	22813	20 91–19	0.48	22893	18 95–19	0.40	22973	17 90–19	0.38
22574	17 71–20	0.42	22654	18 93–19	0.40	22734	17 94–19	0.40	22814	17 97–20	0.39	22894	17 86–20	0.37	22974	18 69–19	0.42
22575	16 92–20	0.45	22655	18 93–20	0.38	22735	20 92–20	0.38	22815	18 91–19	0.40	22895	19 53–20	0.41	22975	19 51–20	0.34
22576	16 60–20	0.44	22656	20 91–20	0.38	22736	19 77–19	0.41	22816	20 91–20	0.39	22896	18 88–20	0.40	22976	17 80–19	0.42
22577	17 96–19	0.38	22657	20 94–20	0.36	22737	20 96–20	0.35	22817	20 91–19	0.46	22897	19 81–19	0.38	22977	20 79–20	0.32
22578	18 81–20	0.35	22658	19 97–20	0.39	22738	18 96–20	0.39	22818	17 80–20	0.33	22898	19 94–19	0.41	22978	19 64–20	0.39
22579	19 95–20	0.43	22659	19 91–20	0.39	22739	20 91–20	0.37	22819	16 94–19	0.46	22899	19 94–20	0.38	22979	22 73–20	0.43
22580	16 89–19	0.45	22660	21 92–20	0.41	22740	21 86–20	0.41	22820	18 90–20	0.43	22900	18 91–20	0.37	22980	18 95–20	0.37
22581	18 94–20	0.37	22661	18 95–20	0.35	22741	19 87–19	0.37	22821	18 89–19	0.42	22901	18 83–19	0.35	22981	17 87–19	0.39
22582	18 96–20	0.40	22662	20 93–20	0.47	22742	19 93–20	0.38	22822	17 94–20	0.42	22902	19 97–20	0.36	22982	19 96–20	0.42
22583	17 94–20	0.37	22663	18 97–20	0.37	22743	23 86–20	0.37	22823	17 85–19	0.43	22903	20 51–20	0.43	22983	19 97–20	0.39
22584	17 91–19	0.53	22664	17 95–19	0.43	22744	21 91–20	0.39	22824	17 94–19	0.34	22904	20 93–19	0.40	22984	20 95–19	0.42
22585	18 94–20	0.40	22665	19 76–19	0.43	22745	18 92–19	0.40	22825	17 89–20	0.39	22905	18 88–20	0.38	22985	18 95–20	0.32
22586	17 94–19	0.43	22666	19 94–20	0.39	22746	20 96–20	0.36	22826	19 91–19	0.45	22906	18 94–20	0.39	22986	18 93–19	0.34
22587	17 84–19	0.44	22667	20 94–19	0.41	22747	22 68–20	0.41	22827	18 92–20	0.38	22907	17 97–19	0.40	22987	20 92–20	0.39
22588	18 80–20	0.45	22668	17 97–19	0.39	22748	19 78–20	0.38	22828	19 94–20	0.41	22908	18 60–19	0.41	22988	19 94–20	0.40
22589	18 91–20	0.46	22669	18 93–20	0.39	22749	20 82–20	0.39	22829	18 92–20	0.38	22909	17 94–19	0.42	22989	19 91–20	0.33
22590	18 92–20	0.39	22670	18 96–20	0.38	22750	21 90–20	0.39	22830	20 93–20	0.46	22910	18 94–20	0.41	22990	17 94–19	0.43
22591	18 94–20	0.38	22671	19 92–20	0.39	22751	19 77–20	0.39	22831	19 92–19	0.42	22911	17 96–20	0.40	22991	17 89–19	0.43
22592	19 92–20	0.35	22672	18 96–20	0.43	22752	19 52–20	0.37	22832	17 81–20	0.45	22912	16 95–19	0.41	22992	19 91–19	0.43
22593	18 91–20	0.33	22673	21 82–20	0.45	22753	18 55–19	0.42	22833	16 93–20	0.43	22913	19 76–19	0.39	22993	17 93–19	0.46
22594	17 96–19	0.52	22674	21 77–20	0.45	22754	19 96–19	0.36	22834	18 91–19	0.47	22914	20 82–19	0.38	22994	19 94–20	0.40
22595	19 90–19	0.44	22675	18 96–20	0.39	22755	18 91–20	0.40	22835	21 91–19	0.44	22915	18 95–19	0.38	22995	19 92–20	0.44
22596	19 94–20	0.39	22676	19 97–20	0.41	22756	18 92–19	0.36	22836	17 94–20	0.36	22916	17 95–19	0.40	22996	21 94–20	0.41
22597	19 91–19	0.49	22677	20 96–20	0.40	22757	21 91–20	0.42	22837	15 92–19	0.39	22917	19 83–19	0.43	22997	19 93–20	0.43
22598	19 91–19	0.46	22678	18 81–19	0.39	22758	18 94–20	0.41	22838	20 76–20	0.36	22918	19 95–19	0.40	22998	16 93–19	0.42
22599	17 94–19	0.41	22679	18 91–19	0.44	22759	18 61–19	0.34	22839	16 94–19	0.48	22919	17 94–20	0.36	22999	17 95–19	0.40
22600	19 74–20	0.37	22680	18 93–19	0.45	22760	18 95–20	0.37	22840	20 92–20	0.34	22920	19 89–20	0.40	23000	20 91–20	0.36
22601	18 74–19	0.34	22681	20 96–20	0.42	22761	19 91–20	0.35	22841	19 72–20	0.40	22921	17 94–19	0.38	23001	18 93–19	0.44
22602	17 95–20	0.38	22682	18 92–20	0.37	22762	20 92–20	0.44	22842	19 87–20	0.41	22922	18 92–20	0.42	23002	17 94–20	0.39
22603	19 94–20	0.41	22683	19 80–20	0.39	22763	18 81–20	0.41	22843	18 95–19	0.40	22923	18 82–20	0.49	23003	20 76–19	0.43
22604	17 91–19	0.38	22684	19 97–20	0.40	22764	16 77–19	0.37	22844	18 67–20	0.29	22924	18 95–20	0.39	23004	18 92–20	0.33
22605	17 92–20	0.52	22685	19 96–20	0.41	22765	19 95–20	0.38	22845	17 82–20	0.38	22925	20 95–19	0.41	23005	16 87–20	0.35
22606	18 91–19	0.42	22686	18 95–20	0.36	22766	20 92–20	0.39	22846	17 77–20	0.38	22926	18 91–20	0.36	23006	20 94–20	0.42
22607	19 96–20	0.41	22687	21 83–19	0.42	22767	19 82–19	0.47	22847	19 93–19	0.40	22927	17 95–20	0.41	23007	19 94–20	0.33
22608	19 91–20	0.39	22688	18 92–19	0.39	22768	20 78–19	0.47	22848	17 90–20	0.35	22928	19 92–20	0.40	23008	21 91–19	0.42
22609	18 91–20	0.39	22689	18 96–19	0.42	22769	21 78–20	0.41	22849	18 91–19	0.38	22929	19 93–19	0.37	23009	19 97–19	0.46
22610	19 91–20	0.40	22690	19 94–20	0.35	22770	18 90–20	0.40	22850	20 81–20	0.35	22930	19 60–20	0.34	23010	16 91–19	0.43
22611	18 97–20	0.38	22691	21 86–20	0.37	22771	17 99–20	0.37	22851	17 85–19	0.35	22931	19 91–19	0.40	23011	18 95–20	0.44
22612	18 96–20	0.31	22692	16 92–20	0.41	22772	22 77–20	0.37	22852	18 92–19	0.34	22932	18 92–19	0.39	23012	18 96–19	0.46
22613	18 92–20	0.40	22693	17 92–19	0.59	22773	19 82–19	0.37	22853	18 88–20	0.42	22933	17 95–19	0.39	23013	18 91–20	0.40
22614	18 92–20	0.36	22694	22 77–20	0.36	22774	20 93–20	0.34	22854	18 91–19	0.37	22934	20 94–20	0.40	23014	18 97–19	0.39
22615	19 95–20	0.46	22695	19 91–19	0.46	22775	19 92–20	0.39	22855	18 91–18	0.44	22935	21 82–20	0.42	23015	18 93–20	0.41
22616	18 95–20	0.39	22696	18 80–19	0.40	22776	20 69–20	0.38	22856	16 81–19	0.44	22936	18 96–20	0.39	23016	17 90–19	0.46
22617	18 95–19	0.42	22697	18 92–20	0.34	22777	18 78–19	0.42	22857	17 89–19	0.42	22937	18 91–20	0.40	23017	20 91–20	0.39
22618	17 97–19	0.44	22698	18 93–19	0.40	22778	20 92–20	0.43	22858	15 92–19	0.41	22938	17 95–19	0.32	23018	19 76–20	0.39
22619	17 96–19	0.41	22699	20 93–20	0.36	22779	20 93–20	0.36	22859	16 97–20	0.40	22939	19 71–20	0.39	23019	16 92–19	0.42
22620	18 95–20	0.45	22700	20 93–20	0.40	22780	18 79–19	0.42	22860	19 76–20	0.39	22940	19 94–20	0.39	23020	18 91–20	0.39
22621	19 97–20	0.43	22701	18 88–20	0.35	22781	16 92–19	0.38	22861	17 82–19	0.41	22941	17 94–20	0.40	23021	19 95–20	0.39
22622	19 95–20	0.39	22702	21 55–19	0.41	22782	18 92–20	0.41	22862	17 94–19	0.38	22942	21 92–20	0.45	23022	18 96–20	0.36
22623	16 95–19	0.42	22703	18 84–20	0.40	22783	18 79–20	0.47	22863	19 91–19	0.46	22943	19 96–20	0.45	23023	20 91–20	0.38
22624	19 96–19	0.39	22704	20 77–19	0.43	22784	17 91–19	0.42	22864	20 77–20	0.41	22944	19 91–19	0.40	23024	18 96–20	0.41
22625	17 92–19	0.42	22705	19 91–20	0.42	22785	21 90–20	0.39	22865	20 92–19	0.40	22945	17 95–19	0.40	23025	21 91–20	0.35
22626	17 94–20	0.41	22706	18 73–20	0.39	22786	18 89–20	0.38	22866	18 95–20	0.40	22946	17 93–19	0.43	23026	19 78–20	0.32
22627	20 91–20	0.38	22707	21 91–19	0.41	22787	21 79–19	0.40	22867	20 95–19	0.36	22947	18 92–20	0.39	23027	19 84–19	0.39
22628	20 91–20	0.47	22708	20 93–20	0.38	22788	18 91–19	0.37	22868	20 94–20	0.37	22948	20 93–20	0.48	23028	20 92–20	0.43
22629	22 91–20	0.35	22709	20 90–19	0.40	22789	16 73–19	0.44	22869	16 78–19	0.41	22949	18 95–20	0.46	23029	19 91–20	0.36
22630	18 95–20	0.40	22710	20 96–20	0.41	22790	16 91–20	0.32	22870	21 77–20	0.32	22950	16 94–19	0.37	23030	23 50–20	0.33
22631	19 77–20	0.40	22711	19 96–20	0.41	22791	18 95–20	0.42	22871	17 89–19	0.42	22951	19 93–19	0.41	23031	17 92–19	0.42
22632	17 95–19	0.39	22712	20 95–19	0.45	22792	17 96–19	0.37	22872	17 92–19	0.37	22952	18 82–20	0.33	23032	20 95–20	0.45
22633	18 94–20	0.38	22713	19 96–20	0.40	22793	17 53–20	0.32	22873	18 97–20	0.36	22953	18 92–19	0.41	23033	17 91–19	0.41
22634	19 93–19	0.38	22714	18 97–19	0.60	22794	15 96–19	0.37	22874	17 96–19	0.41	22954	19 92–20	0.39	23034	20 87–20	0.40
22635	21 89–20	0.32	22715	20 91–20	0.45	22795	19 91–20	0.40	22875	17 92–19	0.46	22955	17 95–20	0.32	23035	18 75–20	0.43
22636	16 94–19	0.34	22716	19 96–19	0.40	22796	18 92–20	0.58	22876	18 94–20	0.34	22956	19 92–20	0.41	23036	17 74–20	0.34
22637	24 76–20	0.38	22717	22 55–20	0.42	22797	18 92–20	0.36	22877	17 96–19	0.41	22957	17 94–19	0.40	23037	17 97–20	0.34
22638	19 92–20	0.42	22718	19 93–19	0.44	22798	21 93–20	0.46	22878	15 86–19	0.36	22958	20 77–19	0.35	23038	18 92–20	0.41
22639	20 85–20	0.38	22719	21 91–20	0.38	22799	18 95–19	0.44	22879	16 77–19	0.43	22959	17 94–20	0.39	23039	22 71–20	0.39
22640	18 94–20	0.44	22720	21 94–20	0.40	22800	18 92–20	0.36	22880	18 88–20	0.38	22960	17 94–19	0.40	23040	20 90–20	0.44

№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms
		″			″			″			″			″			″
23041	19 71–20	0.42	23121	18 92–20	0.42	23201	19 82–19	0.34	23281	17 93–19	0.40	23361	18 71–20	0.42	23441	20 86–19	0.37
23042	18 96–19	0.44	23122	20 89–20	0.41	23202	23 51–20	0.42	23282	18 76–19	0.49	23362	14 71–19	0.51	23442	19 51–20	0.38
23043	17 88–19	0.49	23123	19 76–19	0.48	23203	20 89–20	0.34	23283	17 77–20	0.42	23363	18 71–19	0.47	23443	20 86–20	0.30
23044	17 88–20	0.38	23124	18 54–20	0.36	23204	18 95–20	0.33	23284	19 71–20	0.42	23364	17 71–19	0.39	23444	19 86–20	0.44
23045	20 91–20	0.40	23125	20 91–20	0.38	23205	19 80–20	0.35	23285	18 98–20	0.36	23365	18 71–20	0.35	23445	20 87–20	0.35
23046	18 96–20	0.38	23126	21 93–20	0.39	23206	19 95–20	0.35	23286	19 77–20	0.37	23366	16 73–20	0.39	23446	21 72–20	0.39
23047	17 97–19	0.42	23127	18 94–20	0.32	23207	20 94–20	0.42	23287	17 92–20	0.37	23367	15 73–20	0.49	23447	18 77–20	0.35
23048	18 90–20	0.47	23128	18 80–19	0.41	23208	18 93–19	0.43	23288	17 93–19	0.27	23368	19 73–19	0.40	23448	21 84–20	0.35
23049	20 92–20	0.40	23129	20 72–19	0.35	23209	20 94–19	0.41	23289	17 85–20	0.44	23369	15 73–19	0.44	23449	18 88–19	0.62
23050	22 91–20	0.36	23130	19 85–20	0.34	23210	20 92–20	0.47	23290	19 74–19	0.37	23370	18 73–19	0.43	23450	18 88–20	0.38
23051	20 55–19	0.37	23131	19 55–20	0.36	23211	21 86–20	0.36	23291	16 96–19	0.42	23371	20 73–20	0.37	23451	17 88–19	0.43
23052	23 55–20	0.34	23132	20 84–19	0.45	23212	19 96–19	0.42	23292	18 92–20	0.42	23372	17 73–20	0.40	23452	16 88–20	0.40
23053	20 91–20	0.42	23133	18 96–20	0.38	23213	18 94–20	0.45	23293	17 86–20	0.39	23373	20 73–20	0.43	23453	20 88–20	0.39
23054	20 92–20	0.43	23134	19 95–20	0.35	23214	19 95–20	0.38	23294	15 81–20	0.36	23374	20 73–20	0.41	23454	20 83–20	0.34
23055	20 90–20	0.40	23135	24 67–20	0.28	23215	17 79–20	0.35	23295	18 91–19	0.40	23375	18 73–20	0.42	23455	19 88–20	0.35
23056	19 92–20	0.36	23136	19 95–20	0.39	23216	18 91–20	0.42	23296	18 86–19	0.44	23376	20 73–20	0.39	23456	25 51–19	0.44
23057	18 90–20	0.40	23137	20 91–20	0.41	23217	17 78–19	0.40	23297	21 66–20	0.38	23377	15 73–20	0.36	23457	21 55–19	0.35
23058	19 76–19	0.42	23138	20 88–20	0.39	23218	20 92–19	0.40	23298	17 97–19	0.44	23378	16 73–19	0.43	23458	22 53–20	0.36
23059	18 91–20	0.41	23139	18 91–20	0.37	23219	18 96–19	0.35	23299	17 97–19	0.51	23379	17 73–19	0.47	23459	20 89–20	0.45
23060	18 80–19	0.44	23140	19 96–20	0.38	23220	17 93–19	0.45	23300	18 83–20	0.39	23380	17 73–18	0.50	23460	21 89–19	0.46
23061	18 96–19	0.44	23141	19 92–19	0.37	23221	21 89–20	0.36	23301	20 82–20	0.53	23381	17 73–19	0.38	23461	18 89–19	0.37
23062	20 91–20	0.40	23142	21 87–20	0.32	23222	19 75–19	0.33	23302	18 94–20	0.37	23382	22 73–19	0.40	23462	19 89–19	0.57
23063	19 94–20	0.38	23143	19 81–19	0.36	23223	19 93–20	0.39	23303	18 86–20	0.32	23383	18 73–19	0.47	23463	25 89–20	0.39
23064	18 78–19	0.42	23144	20 96–19	0.44	23224	20 78–19	0.42	23304	17 73–19	0.58	23384	17 73–19	0.45	23464	17 89–20	0.42
23065	19 81–19	0.38	23145	17 96–19	0.48	23225	21 84–20	0.39	23305	23 85–20	0.36	23385	18 73–20	0.38	23465	18 89–20	0.41
23066	19 92–20	0.38	23146	19 86–19	0.38	23226	18 96–20	0.42	23306	22 78–20	0.42	23386	20 73–20	0.43	23466	19 88–19	0.44
23067	19 95–19	0.43	23147	18 74–20	0.40	23227	20 90–19	0.45	23307	18 89–20	0.40	23387	19 77–19	0.43	23467	18 90–20	0.43
23068	20 86–20	0.32	23148	23 50–19	0.39	23228	17 96–19	0.42	23308	20 93–19	0.45	23388	16 77–19	0.46	23468	17 33–19	0.45
23069	19 94–19	0.39	23149	20 86–20	0.42	23229	22 75–19	0.37	23309	19 95–19	0.50	23389	17 77–19	0.48	23469	21 81–20	0.38
23070	18 96–19	0.44	23150	19 93–19	0.38	23230	22 81–20	0.41	23310	17 91–19	0.46	23390	17 77–19	0.46	23470	17 90–20	0.43
23071	19 96–20	0.42	23151	20 78–20	0.38	23231	23 53–20	0.34	23311	19 90–19	0.35	23391	16 77–20	0.38	23471	20 90–20	0.39
23072	20 87–20	0.38	23152	22 54–19	0.44	23232	20 91–20	0.40	23312	17 96–20	0.39	23392	18 75–20	0.36	23472	20 85–20	0.36
23073	21 80–20	0.39	23153	18 91–20	0.33	23233	20 84–19	0.32	23313	15 86–19	0.44	23393	21 77–20	0.39	23473	19 85–19	0.38
23074	17 94–19	0.41	23154	18 51–19	0.44	23234	18 84–20	0.35	23314	18 97–20	0.37	23394	19 77–20	0.45	23474	20 90–19	0.38
23075	22 51–19	0.43	23155	19 77–20	0.38	23235	17 96–19	0.42	23315	18 93–19	0.42	23395	16 77–19	0.40	23475	19 90–20	0.44
23076	20 85–19	0.35	23156	18 53–20	0.40	23236	20 90–20	0.41	23316	19 77–20	0.43	23396	18 77–20	0.45	23476	19 90–20	0.37
23077	20 90–19	0.40	23157	23 81–19	0.36	23237	19 93–20	0.36	23317	17 89–19	0.42	23397	19 77–20	0.46	23477	18 90–19	0.41
23078	19 94–19	0.41	23158	17 96–20	0.43	23238	19 92–20	0.41	23318	20 80–20	0.32	23398	18 77–20	0.38	23478	17 80–20	0.41
23079	21 49–20	0.39	23159	21 92–20	0.35	23239	23 54–19	0.41	23319	19 79–20	0.34	23399	19 77–19	0.47	23479	20 91–20	0.33
23080	21 80–19	0.36	23160	20 71–19	0.64	23240	19 92–20	0.37	23320	19 87–19	0.37	23400	20 93–20	0.37	23480	22 89–20	0.39
23081	22 76–19	0.42	23161	20 89–20	0.33	23241	18 82–19	0.40	23321	18 92–20	0.41	23401	18 68–19	0.48	23481	18 91–19	0.43
23082	19 92–20	0.43	23162	18 90–19	0.40	23242	19 95–20	0.40	23322	14 91–19	0.36	23402	24 55–20	0.38	23482	17 53–20	0.34
23083	18 79–20	0.40	23163	18 93–20	0.37	23243	18 88–20	0.39	23323	22 77–19	0.37	23403	19 71–20	0.41	23483	17 91–19	0.39
23084	17 91–19	0.55	23164	21 71–19	0.36	23244	18 97–20	0.38	23324	19 93–19	0.39	23404	20 72–20	0.33	23484	17 91–20	0.45
23085	18 55–20	0.41	23165	20 92–20	0.45	23245	18 89–20	0.35	23325	18 92–20	0.47	23405	20 73–19	0.41	23485	19 91–19	0.45
23086	18 95–20	0.41	23166	19 88–19	0.44	23246	18 97–19	0.41	23326	21 91–19	0.41	23406	18 77–19	0.37	23486	20 91–20	0.37
23087	18 78–19	0.36	23167	21 74–20	0.37	23247	19 97–19	0.43	23327	17 92–19	0.43	23407	18 77–20	0.37	23487	18 91–20	0.40
23088	19 91–20	0.38	23168	18 92–19	0.44	23248	18 86–19	0.47	23328	20 81–19	0.43	23408	19 77–20	0.36	23488	20 83–20	0.37
23089	18 91–20	0.37	23169	17 80–20	0.39	23249	18 87–20	0.42	23329	17 94–20	0.45	23409	19 78–20	0.42	23489	19 91–20	0.41
23090	18 87–20	0.31	23170	18 95–20	0.39	23250	15 89–19	0.38	23330	16 96–20	0.39	23410	19 78–20	0.38	23490	22 53–20	0.38
23091	21 92–20	0.51	23171	21 87–19	0.43	23251	18 81–20	0.36	23331	18 92–19	0.34	23411	18 78–19	0.42	23491	19 49–20	0.42
23092	18 90–20	0.39	23172	20 92–20	0.39	23252	17 55–20	0.38	23332	17 93–20	0.39	23412	23 54–20	0.53	23492	18 87–20	0.34
23093	21 51–20	0.45	23173	17 86–19	0.46	23253	21 53–19	0.50	23333	18 60–20	0.35	23413	18 78–20	0.35	23493	16 79–18	0.38
23094	23 90–20	0.43	23174	25 78–20	0.30	23254	21 77–20	0.40	23334	18 51–19	0.36	23414	21 78–20	0.42	23494	20 53–20	0.39
23095	21 92–19	0.43	23175	17 90–19	0.44	23255	23 78–20	0.37	23335	17 60–20	0.35	23415	18 79–20	0.37	23495	19 76–20	0.37
23096	17 97–20	0.38	23176	18 89–19	0.41	23256	17 92–20	0.41	23336	18 60–20	0.37	23416	17 79–20	0.39	23496	15 91–18	0.32
23097	19 81–19	0.36	23177	21 54–20	0.36	23257	19 93–19	0.37	23337	20 60–19	0.43	23417	19 79–20	0.40	23497	18 91–20	0.31
23098	20 92–20	0.44	23178	17 60–20	0.38	23258	19 97–20	0.39	23338	19 60–20	0.41	23418	19 79–20	0.37	23498	19 91–20	0.41
23099	20 78–19	0.28	23179	18 91–20	0.42	23259	16 95–19	0.41	23339	17 60–19	0.73	23419	17 80–20	0.38	23499	20 76–20	0.36
23100	20 51–20	0.36	23180	20 90–20	0.38	23260	19 86–19	0.37	23340	19 60–19	0.49	23420	18 81–20	0.41	23500	20 84–20	0.39
23101	20 80–20	0.31	23181	19 50–19	0.33	23261	18 96–19	0.45	23341	18 60–19	0.36	23421	15 81–20	0.38	23501	19 92–20	0.38
23102	19 87–20	0.38	23182	20 90–19	0.44	23262	18 94–20	0.37	23342	18 60–20	0.32	23422	16 81–20	0.36	23502	22 72–20	0.40
23103	19 95–20	0.31	23183	12 94–19	0.27	23263	18 90–19	0.35	23343	17 60–19	0.38	23423	18 81–20	0.43	23503	16 92–19	0.45
23104	19 91–19	0.36	23184	18 85–20	0.35	23264	19 91–19	0.40	23344	18 60–19	0.41	23424	18 71–20	0.41	23504	18 92–19	0.40
23105	19 87–19	0.36	23185	24 56–19	0.44	23265	19 91–19	0.39	23345	18 60–19	0.45	23425	16 79–20	0.47	23505	18 92–19	0.45
23106	18 97–20	0.58	23186	24 54–20	0.31	23266	22 81–20	0.41	23346	17 60–19	0.40	23426	16 81–20	0.44	23506	18 92–19	0.42
23107	16 93–19	0.42	23187	14 90–19	0.34	23267	18 79–19	0.43	23347	17 60–19	0.42	23427	19 55–20	0.41	23507	20 92–20	0.40
23108	18 87–20	0.45	23188	22 83–20	0.36	23268	20 78–19	0.37	23348	17 60–20	0.39	23428	19 81–20	0.39	23508	19 92–20	0.41
23109	18 93–19	0.39	23189	19 92–20	0.41	23269	22 86–20	0.42	23349	19 60–20	0.39	23429	18 79–20	0.38	23509	20 91–20	0.37
23110	22 85–20	0.42	23190	19 60–19	0.44	23270	19 82–20	0.40	23350	19 60–19	0.45	23430	18 81–20	0.42	23510	16 92–19	0.43
23111	17 97–19	0.43	23191	17 81–19	0.46	23271	18 96–20	0.40	23351	18 60–19	0.41	23431	19 81–20	0.36	23511	20 92–20	0.46
23112	18 95–19	0.39	23192	17 92–19	0.50	23272	20 33–20	0.44	23352	18 60–20	0.39	23432	18 79–20	0.36	23512	24 51–20	0.31
23113	18 97–20	0.39	23193	18 73–20	0.34	23273	17 97–19	0.35	23353	20 60–20	0.37	23433	18 81–19	0.41	23513	18 72–20	0.37
23114	22 95–19	0.44	23194	18 87–20	0.36	23274	16 93–19	0.36	23354	18 60–20	0.40	23434	23 54–20	0.43	23514	18 53–19	0.39
23115	19 87–20	0.39	23195	21 92–20	0.41	23275	20 88–20	0.41	23355	24 51–19	0.43	23435	19 81–20	0.45	23515	16 92–19	0.38
23116	23 76–20	0.40	23196	20 92–20	0.41	23276	21 55–20	0.35	23356	18 71–20	0.40	23436	20 82–19	0.42	23516	18 78–19	0.40
23117	21 92–20	0.42	23197	19 88–20	0.37	23277	17 89–19	0.42	23357	16 71–20	0.39	23437	20 84–20	0.36	23517	20 92–20	0.39
23118	18 97–19	0.47	23198	20 81–19	0.40	23278	19 95–19	0.38	23358	17 60–19	0.40	23438	19 84–20	0.41	23518	15 92–19	0.45
23119	18 87–20	0.40	23199	19 90–19	0.40	23279	18 89–19	0.43	23359	16 71–19	0.41	23439	21 82–19	0.45	23519	18 92–19	0.38
23120	19 73–20	0.28	23200	19 32–20	0.34	23280	19 79–19	0.42	23360	18 71–19	0.43	23440	18 86–19	0.45	23520	18 55–19	0.42

№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms	№	Num. and range of oppos.	rms
		″			″			″			″			″			″
23521	18 64–19	0.46	23601	18 91–19	0.42	23681	19 96–19	0.46	23761	15 91–19	0.37	23841	21 91–20	0.40	23921	20 91–19	0.40
23522	16 92–19	0.35	23602	18 95–19	0.43	23682	19 97–20	0.43	23762	17 77–19	0.48	23842	19 89–20	0.43	23922	19 91–19	0.42
23523	18 93–20	0.38	23603	16 95–19	0.45	23683	17 95–18	0.45	23763	20 64–20	0.41	23843	17 96–20	0.36	23923	20 77–20	0.39
23524	22 85–19	0.36	23604	20 91–19	0.45	23684	18 92–19	0.45	23764	18 93–19	0.43	23844	17 97–19	0.39	23924	22 52–19	0.40
23525	19 91–19	0.49	23605	17 95–19	0.38	23685	16 93–18	0.41	23765	18 95–20	0.34	23845	20 86–20	0.41	23925	19 93–20	0.40
23526	20 93–20	0.43	23606	9 85–18	0.33	23686	18 97–19	0.39	23766	18 94–20	0.34	23846	18 94–19	0.45	23926	16 76–19	0.45
23527	19 91–20	0.37	23607	17 94–20	0.38	23687	21 91–20	0.40	23767	17 97–20	0.42	23847	19 96–20	0.35	23927	21 91–20	0.38
23528	19 93–20	0.44	23608	23 81–20	0.32	23688	18 97–20	0.41	23768	18 94–20	0.41	23848	18 93–19	0.47	23928	19 91–20	0.39
23529	17 93–19	0.46	23609	17 96–19	0.44	23689	19 69–20	0.41	23769	19 70–20	0.36	23849	18 96–20	0.40	23929	19 94–20	0.43
23530	19 90–20	0.44	23610	17 96–19	0.37	23690	18 97–20	0.37	23770	16 94–20	0.43	23850	18 93–20	0.37	23930	17 96–19	0.41
23531	19 91–19	0.43	23611	17 96–20	0.42	23691	19 94–20	0.35	23771	18 91–19	0.41	23851	20 76–20	0.39	23931	19 74–20	0.36
23532	20 90–20	0.38	23612	19 90–19	0.40	23692	18 97–20	0.29	23772	17 92–19	0.42	23852	19 93–20	0.35	23932	17 56–19	0.42
23533	20 92–20	0.44	23613	19 93–19	0.41	23693	18 97–19	0.39	23773	18 94–20	0.37	23853	18 92–19	0.43	23933	22 55–20	0.41
23534	18 93–20	0.40	23614	20 91–20	0.42	23694	22 91–20	0.36	23774	18 95–19	0.49	23854	17 94–19	0.45	23934	19 97–20	0.37
23535	18 82–20	0.38	23615	18 74–20	0.32	23695	21 91–20	0.38	23775	17 97–19	0.39	23855	18 91–19	0.46	23935	19 88–20	0.38
23536	19 93–20	0.38	23616	18 96–20	0.50	23696	20 91–20	0.40	23776	18 83–19	0.43	23856	19 96–20	0.39	23936	20 81–20	0.37
23537	18 93–19	0.47	23617	20 96–20	0.44	23697	17 97–20	0.40	23777	17 93–20	0.35	23857	21 71–19	0.34	23937	19 50–20	0.47
23538	21 91–20	0.45	23618	21 95–19	0.42	23698	19 92–20	0.43	23778	17 93–20	0.34	23858	19 96–20	0.42	23938	20 93–20	0.41
23539	18 93–19	0.41	23619	16 90–19	0.34	23699	13 97–18	0.40	23779	18 94–19	0.39	23859	18 92–19	0.44	23939	21 88–19	0.45
23540	20 91–20	0.38	23620	21 80–20	0.38	23700	23 76–20	0.31	23780	20 92–19	0.40	23860	20 92–19	0.44	23940	17 82–20	0.37
23541	16 93–20	0.42	23621	18 83–19	0.42	23701	20 95–19	0.38	23781	19 96–19	0.43	23861	20 93–20	0.36	23941	18 89–19	0.36
23542	19 82–20	0.43	23622	22 82–20	0.39	23702	18 82–19	0.36	23782	20 96–20	0.35	23862	18 94–20	0.38	23942	19 97–20	0.38
23543	22 79–20	0.37	23623	17 96–20	0.40	23703	22 77–19	0.48	23783	17 97–19	0.42	23863	17 98–20	0.38	23943	17 92–19	0.45
23544	19 93–19	0.44	23624	20 91–19	0.43	23704	21 82–20	0.42	23784	19 78–20	0.36	23864	18 87–19	0.43	23944	21 50–19	0.41
23545	19 86–20	0.35	23625	17 96–19	0.50	23705	19 89–19	0.40	23785	19 49–20	0.36	23865	19 92–19	0.35	23945	15 96–19	0.37
23546	16 93–20	0.41	23626	19 91–20	0.45	23706	19 77–19	0.45	23786	17 93–19	0.65	23866	21 64–20	0.39	23946	19 94–20	0.32
23547	21 78–20	0.38	23627	20 91–20	0.39	23707	19 81–20	0.35	23787	18 82–20	0.36	23867	18 91–19	0.41	23947	20 91–19	0.43
23548	6 94–17	0.54	23628	17 96–20	0.42	23708	23 81–20	0.33	23788	18 81–20	0.39	23868	18 93–20	0.40	23948	20 93–20	0.35
23549	25 54–20	0.41	23629	18 89–20	0.42	23709	21 91–20	0.48	23789	17 92–19	0.45	23869	18 96–19	0.43	23949	19 77–20	0.35
23550	17 94–20	0.42	23630	17 96–19	0.39	23710	18 97–19	0.33	23790	18 83–20	0.38	23870	19 96–19	0.44	23950	18 84–20	0.41
23551	17 94–20	0.36	23631	16 89–19	0.47	23711	19 74–19	0.36	23791	18 51–19	0.38	23871	20 79–20	0.46	23951	20 91–20	0.34
23552	19 94–20	0.35	23632	16 96–20	0.41	23712	19 54–20	0.29	23792	18 91–19	0.43	23872	18 89–20	0.41	23952	20 82–20	0.36
23553	20 93–20	0.36	23633	18 81–20	0.47	23713	18 84–19	0.43	23793	19 82–19	0.37	23873	19 92–20	0.36	23953	22 79–20	0.44
23554	19 89–20	0.39	23634	18 90–19	0.46	23714	14 98–20	0.52	23794	18 95–20	0.41	23874	20 89–19	0.39	23954	17 96–20	0.41
23555	19 90–19	0.39	23635	16 81–19	0.33	23715	17 88–20	0.37	23795	19 93–20	0.39	23875	19 84–19	0.40	23955	18 96–20	0.42
23556	18 94–20	0.38	23636	19 88–20	0.33	23716	17 92–19	0.66	23796	20 77–20	0.29	23876	19 97–20	0.38	23956	20 91–20	0.33
23557	20 93–19	0.38	23637	17 97–19	0.47	23717	18 82–20	0.38	23797	18 94–20	0.35	23877	20 92–19	0.36	23957	18 77–20	0.39
23558	20 94–20	0.38	23638	16 94–19	0.44	23718	20 95–19	0.44	23798	20 78–20	0.36	23878	21 49–19	0.35	23958	22 86–20	0.33
23559	19 93–20	0.42	23639	19 51–19	0.41	23719	17 93–20	0.47	23799	19 93–19	0.37	23879	20 92–20	0.47	23959	18 80–19	0.34
23560	14 94–20	0.39	23640	18 97–20	0.39	23720	17 97–19	0.34	23800	19 94–20	0.38	23880	18 79–19	0.37	23960	17 71–20	0.33
23561	18 94–20	0.40	23641	17 97–19	0.51	23721	17 92–19	0.39	23801	17 90–20	0.39	23881	18 97–19	0.42	23961	19 81–19	0.37
23562	18 90–20	0.43	23642	15 78–19	0.39	23722	17 97–19	0.41	23802	18 89–19	0.54	23882	23 55–20	0.34	23962	22 75–19	0.44
23563	18 94–20	0.42	23643	19 72–20	0.37	23723	16 96–20	0.41	23803	19 82–19	0.40	23883	21 92–20	0.38	23963	22 51–19	0.51
23564	18 92–19	0.42	23644	17 97–19	0.39	23724	17 96–20	0.36	23804	17 97–19	0.39	23884	18 91–20	0.38	23964	21 86–20	0.45
23565	17 86–20	0.30	23645	17 97–19	0.42	23725	18 94–19	0.42	23805	20 71–20	0.46	23885	18 56–20	0.41	23965	19 96–20	0.37
23566	20 89–19	0.43	23646	16 94–19	0.35	23726	19 54–20	0.39	23806	17 96–20	0.40	23886	15 87–18	0.42	23966	20 81–20	0.38
23567	16 78–18	0.43	23647	16 94–20	0.33	23727	19 92–20	0.38	23807	19 92–19	0.42	23887	19 92–20	0.42	23967	20 96–20	0.32
23568	19 94–20	0.34	23648	18 97–20	0.38	23728	18 96–20	0.37	23808	18 93–20	0.35	23888	19 90–20	0.37	23968	19 91–19	0.40
23569	19 94–20	0.36	23649	19 91–20	0.40	23729	18 71–19	0.41	23809	18 91–20	0.45	23889	18 92–19	0.44	23969	19 81–19	0.37
23570	16 95–19	0.43	23650	15 94–19	0.38	23730	17 91–20	0.43	23810	19 93–20	0.40	23890	21 49–19	0.44	23970	19 92–19	0.49
23571	19 90–20	0.34	23651	18 97–19	0.41	23731	18 95–20	0.40	23811	19 77–19	0.40	23891	19 91–20	0.40	23971	19 82–20	0.40
23572	17 95–18	0.41	23652	18 91–19	0.40	23732	18 91–19	0.45	23812	17 97–19	0.47	23892	18 90–20	0.41	23972	25 54–20	0.36
23573	19 95–20	0.35	23653	18 91–20	0.37	23733	18 95–20	0.36	23813	19 60–19	0.41	23893	19 79–20	0.41	23973	23 52–20	0.36
23574	18 95–19	0.40	23654	17 97–20	0.38	23734	17 84–20	0.38	23814	20 92–20	0.39	23894	17 93–20	0.46	23974	17 87–20	0.33
23575	20 95–20	0.40	23655	16 97–19	0.45	23735	16 93–19	0.44	23815	23 50–19	0.41	23895	19 94–20	0.39	23975	19 96–20	0.39
23576	18 92–19	0.57	23656	18 95–19	0.41	23736	17 83–20	0.43	23816	18 89–20	0.43	23896	20 93–20	0.40	23976	22 80–20	0.37
23577	23 92–20	0.34	23657	17 95–19	0.43	23737	17 97–19	0.44	23817	20 77–20	0.38	23897	17 92–19	0.41	23977	20 77–20	0.32
23578	21 53–19	0.38	23658	17 95–20	0.35	23738	20 76–20	0.40	23818	21 83–20	0.46	23898	18 81–19	0.44	23978	21 79–20	0.39
23579	19 55–19	0.44	23659	20 88–20	0.37	23739	17 92–20	0.40	23819	19 93–20	0.39	23899	18 83–19	0.32	23979	21 90–20	0.38
23580	16 78–19	0.41	23660	16 95–19	0.35	23740	17 95–20	0.39	23820	18 93–19	0.44	23900	19 94–20	0.36	23980	18 77–20	0.42
23581	18 95–19	0.37	23661	15 97–19	0.40	23741	20 58–20	0.41	23821	19 97–20	0.40	23901	20 93–20	0.40	23981	19 95–20	0.40
23582	18 53–19	0.44	23662	19 79–20	0.36	23742	17 91–19	0.41	23822	19 78–19	0.45	23902	18 97–20	0.39	23982	21 54–20	0.41
23583	17 87–20	0.41	23663	18 93–19	0.39	23743	17 94–19	0.47	23823	21 87–20	0.41	23903	20 91–20	0.45	23983	20 78–20	0.46
23584	18 74–20	0.37	23664	17 92–20	0.45	23744	19 92–20	0.37	23824	19 97–19	0.40	23904	18 78–20	0.33	23984	17 87–19	0.40
23585	17 71–20	0.40	23665	17 97–20	0.37	23745	18 94–20	0.44	23825	20 80–20	0.46	23905	19 78–20	0.41	23985	21 54–20	0.35
23586	18 92–20	0.42	23666	17 95–19	0.38	23746	17 89–20	0.40	23826	20 90–20	0.33	23906	19 91–19	0.42	23986	16 80–19	0.41
23587	17 95–19	0.35	23667	16 95–20	0.37	23747	18 97–20	0.39	23827	18 93–19	0.41	23907	18 72–19	0.41	23987	22 54–20	0.40
23588	18 71–20	0.45	23668	17 97–20	0.36	23748	18 95–20	0.40	23828	19 94–20	0.34	23908	21 78–20	0.37	23988	20 83–20	0.37
23589	17 95–19	0.43	23669	17 97–20	0.37	23749	18 92–20	0.43	23829	19 90–19	0.41	23909	18 94–20	0.41	23989	20 93–20	0.45
23590	17 93–19	0.41	23670	17 97–20	0.35	23750	18 95–20	0.36	23830	20 92–20	0.36	23910	21 82–20	0.43	23990	19 60–20	0.37
23591	19 83–19	0.43	23671	16 95–19	0.38	23751	17 92–19	0.37	23831	18 78–20	0.40	23911	22 92–20	0.38	23991	18 82–19	0.42
23592	20 90–20	0.45	23672	18 97–19	0.38	23752	17 91–19	0.32	23832	19 82–20	0.37	23912	19 93–20	0.38	23992	17 80–19	0.38
23593	16 95–19	0.45	23673	17 88–19	0.44	23753	17 91–20	0.40	23833	18 77–20	0.41	23913	20 89–20	0.40	23993	19 50–19	0.43
23594	17 95–20	0.34	23674	19 97–20	0.35	23754	18 94–19	0.37	23834	19 91–19	0.42	23914	19 91–20	0.36	23994	16 94–20	0.39
23595	20 91–20	0.42	23675	18 97–20	0.39	23755	19 91–19	0.43	23835	18 89–19	0.43	23915	19 92–19	0.42	23995	16 92–19	0.39
23596	16 95–19	0.41	23676	18 97–20	0.33	23756	17 88–19	0.38	23836	17 94–20	0.28	23916	19 95–19	0.42	23996	17 81–20	0.42
23597	19 51–19	0.40	23677	18 97–20	0.40	23757	18 91–20	0.41	23837	19 91–19	0.42	23917	19 93–20	0.34	23997	19 53–19	0.46
23598	19 89–20	0.37	23678	19 60–19	0.38	23758	19 81–20	0.46	23838	19 90–19	0.45	23918	19 96–19	0.41	23998	14 82–20	0.41
23599	16 66–20	0.40	23679	19 94–20	0.36	23759	19 89–20	0.38	23839	19 93–20	0.45	23919	20 92–20	0.43	23999	19 94–20	0.40
23600	17 94–19	0.42	23680	19 91–19	0.41	23760	17 91–20	0.35	23840	19 94–20	0.41	23920	19 92–19	0.43	24000	17 94–19	0.44