

FULL TABLES FOR

**“BANZHAF VOTING POWER, RANDOM ELECTIONS,
AND THE ELECTORAL COLLEGE WINNER’S ADVANTAGE”**

Forthcoming in *Electoral Studies*

TABLE 1(a)

Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10
State	Electoral Votes	Wins	Win Rate	Win Rate x EV	Banzhaf	Success	Success x EV	Adjusted Wins	Adjusted Win Rate x EV
California	54	729,545	0.729545	39.3954	0.4664540	0.7332270	39.5943	733,360	39.6014
New York	33	625,932	0.625932	20.6558	0.2595860	0.6297930	20.7832	629,747	20.7817
Texas	32	621,843	0.621843	19.8990	0.2512140	0.6256070	20.0194	625,658	20.0211
Florida	25	592,846	0.592846	14.8212	0.1938640	0.5969320	14.9233	596,661	14.9165
Pennsylvania	23	585,236	0.585236	13.4604	0.1778440	0.5889220	13.5452	589,051	13.5482
Illinois	22	582,082	0.582082	12.8058	0.1698850	0.5849425	12.8687	585,897	12.8897
Ohio	21	576,252	0.576252	12.1013	0.1619580	0.5809790	12.2006	580,067	12.1814
Michigan	18	565,018	0.565018	10.1703	0.1383490	0.5691745	10.2451	568,833	10.2390
New Jersey	15	553,802	0.553802	8.3070	0.1149640	0.5574820	8.3622	557,617	8.3643
North Carolina	14	549,047	0.549047	7.6867	0.1072110	0.5536055	7.7505	552,862	7.7401
Georgia	13	546,299	0.546299	7.1019	0.0994770	0.5497385	7.1466	550,114	7.1515
Virginia	13	545,803	0.545803	7.0954	0.0994770	0.5497385	7.1466	549,618	7.1450
Indiana	12	542,630	0.542630	6.5116	0.0917600	0.5458800	6.5506	546,445	6.5573
Massachusetts	12	542,246	0.542246	6.5070	0.0917600	0.5458800	6.5506	546,061	6.5527
Missouri	11	538,688	0.538688	5.9256	0.0840590	0.5420295	5.9623	542,503	5.9675
Tennessee	11	538,299	0.538299	5.9213	0.0840590	0.5420295	5.9623	542,114	5.9633
Washington	11	538,173	0.538173	5.9199	0.0840590	0.5420295	5.9623	541,988	5.9619
Wisconsin	11	538,412	0.538412	5.9225	0.0840590	0.5420295	5.9623	542,227	5.9645
Maryland	10	534,035	0.534035	5.3404	0.0763720	0.5381860	5.3819	537,850	5.3785
Minnesota	10	534,542	0.534542	5.3454	0.0763720	0.5381860	5.3819	538,357	5.3836
Alabama	9	529,788	0.529788	4.7681	0.0686990	0.5343495	4.8091	533,603	4.8024
Louisiana	9	530,776	0.530776	4.7770	0.0686990	0.5343495	4.8091	534,591	4.8113
Arizona	8	526,452	0.526452	4.2116	0.0610370	0.5305185	4.2441	530,267	4.2421
Colorado	8	526,864	0.526864	4.2149	0.0610370	0.5305185	4.2441	530,679	4.2454
Connecticut	8	526,058	0.526058	4.2085	0.0610370	0.5305185	4.2441	529,873	4.2390
Kentucky	8	527,321	0.527321	4.2186	0.0610370	0.5305185	4.2441	531,136	4.2491
Oklahoma	8	526,461	0.526461	4.2117	0.0610370	0.5305185	4.2441	530,276	4.2422
South Carolina	8	527,228	0.527228	4.2178	0.0610370	0.5305185	4.2441	531,043	4.2483
Iowa	7	522,917	0.522917	3.6604	0.0533850	0.5266925	3.6868	526,732	3.6871
Mississippi	7	522,536	0.522536	3.6578	0.0533850	0.5266925	3.6868	526,351	3.6845
Oregon	7	522,617	0.522617	3.6583	0.0533850	0.5266925	3.6868	526,432	3.6850
Arkansas	6	518,027	0.518027	3.1082	0.0457420	0.5228710	3.1372	521,842	3.1311

Kansas	6	518,754	0.518754	3.1125	0.0457420	0.5228710	3.1372	522,569	3.1354
Nebraska	5	515,139	0.515139	2.5757	0.0381070	0.5190535	2.5953	518,954	2.5948
New Mexico	5	515,928	0.515928	2.5796	0.0381070	0.5190535	2.5953	519,743	2.5987
Utah	5	515,272	0.515272	2.5764	0.0381070	0.5190535	2.5953	519,087	2.5954
West Virginia	5	514,758	0.514758	2.5738	0.0381070	0.5190535	2.5953	518,573	2.5929
Hawaii	4	511,600	0.511600	2.0464	0.0304780	0.5152390	2.0610	515,415	2.0617
Idaho	4	512,085	0.512085	2.0483	0.0304780	0.5152390	2.0610	515,900	2.0636
Maine	4	510,758	0.510758	2.0430	0.0304780	0.5152390	2.0610	514,573	2.0583
Nevada	4	511,696	0.511696	2.0468	0.0304780	0.5152390	2.0610	515,511	2.0620
New Hampshire	4	511,739	0.511739	2.0470	0.0304780	0.5152390	2.0610	515,554	2.0622
Rhode Island	4	513,011	0.513011	2.0520	0.0304780	0.5152390	2.0610	516,826	2.0673
Alaska	3	507,114	0.507114	1.5213	0.0228540	0.5114270	1.5343	510,929	1.5328
Delaware	3	508,634	0.508634	1.5259	0.0228540	0.5114270	1.5343	512,449	1.5373
DC	3	506,631	0.506631	1.5199	0.0228540	0.5114270	1.5343	510,446	1.5313
Montana	3	507,572	0.507572	1.5227	0.0228540	0.5114270	1.5343	511,387	1.5342
North Dakota	3	507,387	0.507387	1.5222	0.0228540	0.5114270	1.5343	511,202	1.5336
South Dakota	3	506,698	0.506698	1.5201	0.0228540	0.5114270	1.5343	510,513	1.5315
Vermont	3	507,805	0.507805	1.5234	0.0228540	0.5114270	1.5343	511,620	1.5349
Wyoming	3	507,377	0.507377	1.5221	0.0228540	0.5114270	1.5343	511,192	1.5336
TOTAL	538	27,397,733	27.397733	307.6858	4.1861700	27.5930850	309.7391	27,592,298	309.7382

TABLE 1(b)

Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10
State	Electoral Votes	Wins	Win Rate	Win Rate x EV	Banzhaf	Success	Success x EV	Adjusted Wins	Adjusted Win Rate x EV
California	52	749,094	0.749094	38.9529	0.506413	0.753207	39.1667	753,282	39.1707
New York	31	629,653	0.629653	19.5192	0.268063	0.634032	19.6550	633,841	19.6491
Texas	30	625,303	0.625303	18.7591	0.258909	0.629455	18.8836	629,491	18.8847
Florida	23	593,521	0.593521	13.6510	0.195971	0.597986	13.7537	597,709	13.7473
Pennsylvania	21	585,152	0.585152	12.2882	0.178397	0.589199	12.3732	589,340	12.3761
Illinois	20	581,485	0.581485	11.6297	0.169667	0.584834	11.6967	585,673	11.7135
Ohio	19	575,826	0.575826	10.9407	0.160972	0.580486	11.0292	580,014	11.0203
Michigan	16	563,214	0.563214	9.0114	0.135080	0.567540	9.0806	567,402	9.0784
New Jersey	13	550,855	0.550855	7.1611	0.109438	0.554719	7.2113	555,043	7.2156
North Carolina	12	545,404	0.545404	6.5448	0.100937	0.550469	6.6056	549,592	6.5951
Georgia	11	542,443	0.542443	5.9669	0.092456	0.546228	6.0085	546,631	6.0129
Virginia	11	542,174	0.542174	5.9639	0.092456	0.546228	6.0085	546,362	6.0100
Indiana	10	538,402	0.538402	5.3840	0.083993	0.541997	5.4200	542,590	5.4259
Massachusetts	10	538,014	0.538014	5.3801	0.083993	0.541997	5.4200	542,202	5.4220
Missouri	9	534,072	0.534072	4.8066	0.075547	0.537774	4.8400	538,260	4.8443
Tennessee	9	533,741	0.533741	4.8037	0.075547	0.537774	4.8400	537,929	4.8414
Washington	9	533,806	0.533806	4.8043	0.075547	0.537774	4.8400	537,994	4.8419
Wisconsin	9	533,926	0.533926	4.8053	0.075547	0.537774	4.8400	538,114	4.8430
Maryland	8	529,170	0.529170	4.2334	0.067116	0.533558	4.2685	533,358	4.2669
Minnesota	8	529,580	0.529580	4.2366	0.067116	0.533558	4.2685	533,768	4.2701
Alabama	7	524,210	0.524210	3.6695	0.058698	0.529349	3.7054	528,398	3.6988
Louisiana	7	525,070	0.525070	3.6755	0.058698	0.529349	3.7054	529,258	3.7048
Arizona	6	520,696	0.520696	3.1242	0.050292	0.525146	3.1509	524,884	3.1493
Colorado	6	520,804	0.520804	3.1248	0.050292	0.525146	3.1509	524,992	3.1500
Connecticut	6	520,304	0.520304	3.1218	0.050292	0.525146	3.1509	524,492	3.1470
Kentucky	6	521,601	0.521601	3.1296	0.050292	0.525146	3.1509	525,789	3.1547
Oklahoma	6	520,590	0.520590	3.1235	0.050292	0.525146	3.1509	524,778	3.1487
South Carolina	6	521,337	0.521337	3.1280	0.050292	0.525146	3.1509	525,525	3.1532
Iowa	5	516,703	0.516703	2.5835	0.041895	0.520948	2.6047	520,891	2.6045
Mississippi	5	516,668	0.516668	2.5833	0.041895	0.520948	2.6047	520,856	2.6043
Oregon	5	516,707	0.516707	2.5835	0.041895	0.520948	2.6047	520,895	2.6045
Arkansas	4	511,854	0.511854	2.0474	0.033506	0.516753	2.0670	516,042	2.0642

Kansas	4	512,453	0.512453	2.0498	0.033506	0.516753	2.0670	516,641	2.0666
Nebraska	3	508,198	0.508198	1.5246	0.025124	0.512562	1.5377	512,386	1.5372
New Mexico	3	509,066	0.509066	1.5272	0.025124	0.512562	1.5377	513,254	1.5398
Utah	3	508,488	0.508488	1.5255	0.025124	0.512562	1.5377	512,676	1.5380
West Virginia	3	507,675	0.507675	1.5230	0.025124	0.512562	1.5377	511,863	1.5356
Hawaii	2	504,340	0.504340	1.0087	0.016747	0.508374	1.0167	508,528	1.0171
Idaho	2	504,846	0.504846	1.0097	0.016747	0.508374	1.0167	509,034	1.0181
Maine	2	503,581	0.503581	1.0072	0.016747	0.508374	1.0167	507,769	1.0155
Nevada	2	504,540	0.504540	1.0091	0.016747	0.508374	1.0167	508,728	1.0175
New Hampshire	2	504,399	0.504399	1.0088	0.016747	0.508374	1.0167	508,587	1.0172
Rhode Island	2	505,634	0.505634	1.0113	0.016747	0.508374	1.0167	509,822	1.0196
Alaska	1	499,564	0.499564	0.4996	0.008372	0.504186	0.5042	503,752	0.5038
Delaware	1	501,061	0.501061	0.5011	0.008372	0.504186	0.5042	505,249	0.5052
DC	1	498,967	0.498967	0.4990	0.008372	0.504186	0.5042	503,155	0.5032
Montana	1	500,337	0.500337	0.5003	0.008372	0.504186	0.5042	504,525	0.5045
North Dakota	1	499,896	0.499896	0.4999	0.008372	0.504186	0.5042	504,084	0.5041
South Dakota	1	499,017	0.499017	0.4990	0.008372	0.504186	0.5042	503,205	0.5032
Vermont	1	500,259	0.500259	0.5003	0.008372	0.504186	0.5042	504,447	0.5044
Wyoming	1	499,522	0.499522	0.4995	0.008372	0.504186	0.5042	503,710	0.5037
TOTAL	436	27,163,222	27.163222	252.9412	3.752964	27.376482	254.7585	27,376,810	254.7672

TABLE 2

Col. 1 State	Col. 2 Wins with Add-On	Col. 3 Wins Without Add-On	Col. 4 Difference	Col. 5 Average Advantage	Col. 6 Difference x HR	Col. 7 Wins x 2	Col. 8 Total Gain	Col. 9 Average Gain
California	733,227	753,207	-19,980	-1.0789	1,038,960	1,466,454	427,494	0.4275
New York	629,793	634,032	-4,239	-0.1399	-131,409	1,259,586	1,128,177	1.1282
Texas	625,607	629,455	-3,848	-0.1231	-115,440	1,251,214	1,135,774	1.1358
Florida	596,932	597,986	-1,054	-0.0264	-24,242	1,193,864	1,169,622	1.1696
Pennsylvania	588,922	589,199	-277	-0.0064	-5,817	1,177,844	1,172,027	1.1720
Illinois	584,943	584,834	109	0.0024	2,180	1,169,885	1,172,065	1.1721
Ohio	580,979	580,486	493	0.0104	9,367	1,161,958	1,171,325	1.1713
Michigan	569,175	567,540	1,635	0.0294	26,160	1,138,349	1,164,509	1.1645
New Jersey	557,482	554,719	2,763	0.0414	35,919	1,114,964	1,150,883	1.1509
North Carolina	553,606	550,469	3,137	0.0439	37,644	1,107,211	1,144,855	1.1449
Georgia	549,739	546,228	3,511	0.0456	38,621	1,099,477	1,138,098	1.1381
Virginia	549,739	546,228	3,511	0.0456	38,621	1,099,477	1,138,098	1.1381
Indiana	545,880	541,997	3,883	0.0466	38,830	1,091,760	1,130,590	1.1306
Massachusetts	545,880	541,997	3,883	0.0466	38,830	1,091,760	1,130,590	1.1306
Missouri	542,030	537,774	4,256	0.0468	38,304	1,084,059	1,122,363	1.1224
Tennessee	542,030	537,774	4,256	0.0468	38,304	1,084,059	1,122,363	1.1224
Washington	542,030	537,774	4,256	0.0468	38,304	1,084,059	1,122,363	1.1224
Wisconsin	542,030	537,774	4,256	0.0468	38,304	1,084,059	1,122,363	1.1224
Maryland	538,186	533,558	4,628	0.0463	37,024	1,076,372	1,113,396	1.1134
Minnesota	538,186	533,558	4,628	0.0463	37,024	1,076,372	1,113,396	1.1134
Alabama	534,350	529,349	5,001	0.0450	35,007	1,068,699	1,103,706	1.1037
Louisiana	534,350	529,349	5,001	0.0450	35,007	1,068,699	1,103,706	1.1037
Arizona	530,519	525,146	5,373	0.0430	32,238	1,061,037	1,093,275	1.0933
Colorado	530,519	525,146	5,373	0.0430	32,238	1,061,037	1,093,275	1.0933
Connecticut	530,519	525,146	5,373	0.0430	32,238	1,061,037	1,093,275	1.0933
Kentucky	530,519	525,146	5,373	0.0430	32,238	1,061,037	1,093,275	1.0933
Oklahoma	530,519	525,146	5,373	0.0430	32,238	1,061,037	1,093,275	1.0933
South Carolina	530,519	525,146	5,373	0.0430	32,238	1,061,037	1,093,275	1.0933
Iowa	526,693	520,948	5,745	0.0402	28,725	1,053,385	1,082,110	1.0821
Mississippi	526,693	520,948	5,745	0.0402	28,725	1,053,385	1,082,110	1.0821
Oregon	526,693	520,948	5,745	0.0402	28,725	1,053,385	1,082,110	1.0821
Arkansas	522,871	516,753	6,118	0.0367	24,472	1,045,742	1,070,214	1.0702

Kansas	522,871	516,753	6,118	0.0367	24,472	1,045,742	1,070,214	1.0702
Nebraska	519,053	512,562	6,491	0.0325	19,473	1,038,107	1,057,580	1.0576
New Mexico	519,053	512,562	6,491	0.0325	19,473	1,038,107	1,057,580	1.0576
Utah	519,053	512,562	6,491	0.0325	19,473	1,038,107	1,057,580	1.0576
West Virginia	519,053	512,562	6,491	0.0325	19,473	1,038,107	1,057,580	1.0576
Hawaii	515,239	508,374	6,865	0.0275	13,730	1,030,478	1,044,208	1.0442
Idaho	515,239	508,374	6,865	0.0275	13,730	1,030,478	1,044,208	1.0442
Maine	515,239	508,374	6,865	0.0275	13,730	1,030,478	1,044,208	1.0442
Nevada	515,239	508,374	6,865	0.0275	13,730	1,030,478	1,044,208	1.0442
New Hampshire	515,239	508,374	6,865	0.0275	13,730	1,030,478	1,044,208	1.0442
Rhode Island	515,239	508,374	6,865	0.0275	13,730	1,030,478	1,044,208	1.0442
Alaska	511,427	504,186	7,241	0.0217	7,241	1,022,854	1,030,095	1.0301
Delaware	511,427	504,186	7,241	0.0217	7,241	1,022,854	1,030,095	1.0301
DC	511,427	504,186	7,241	0.0217	7,241	1,022,854	1,030,095	1.0301
Montana	511,427	504,186	7,241	0.0217	7,241	1,022,854	1,030,095	1.0301
North Dakota	511,427	504,186	7,241	0.0217	7,241	1,022,854	1,030,095	1.0301
South Dakota	511,427	504,186	7,241	0.0217	7,241	1,022,854	1,030,095	1.0301
Vermont	511,427	504,186	7,241	0.0217	7,241	1,022,854	1,030,095	1.0301
Wyoming	511,427	504,186	7,241	0.0217	7,241	1,022,854	1,030,095	1.0301
TOTAL	27,593,093	27,376,493	216,600	0.2275	-205,671	55,186,170	54,980,499	54.9805