Efficiency of Majority Election Results

Number of Voters	−1	−0.75	−0.5	−0.25	−0.05	−0.025	−0.01	−0.005	0	0.005	0.01	0.025	0.05	0.1	0.25	0.5	0.75	1
10000	1	1	1	1	0.94	0.08	0.08	0.23	0.48	0.76	0.92	1	1	1	1	1	1	1
5000	1	1	1	1	0.85	0.16	0.2	0.29	0.51	0.71	0.84	1	1	1	1	1	1	1
2000	1	1	1	1	0.76	0.32	0.36	0.43	0.56	0.63	0.73	0.95	1	1	1	1	1	1
1000	1	1	1	1	0.7	0.48	0.52	0.54	0.6	0.65	0.71	0.9	0.99	1	1	1	1	1
500	1	1	1	1	0.72	0.61	0.6	0.64	0.69	0.7	0.74	0.84	0.96	1	1	1	1	1
200	1	1	1	1	0.75	0.73	0.72	0.76	0.72	0.74	0.76	0.8	0.89	0.97	1	1	1	1
100	1	1	1	1	0.78	0.74	0.76	0.76	0.75	0.77	0.79	0.8	0.85	0.93	1	1	1	1
50	1	1	1	0.96	0.78	0.8	0.78	0.76	0.8	0.76	0.82	0.79	0.8	0.87	0.99	1	1	1
20	1	1	1	0.92	0.79	0.82	0.79	0.78	0.78	0.81	0.82	0.8	0.78	0.82	0.92	0.99	1	1
10	1	1	0.98	0.9	0.8	0.8	0.8	0.78	0.79	0.78	0.79	0.77	0.78	0.79	0.83	0.95	0.99	1

Mean Difference in Utility Distributions (+/−)

Proportion of Efficient Elections

1.00
0.75
0.50
0.25
0.00