

BRAVO and Proposed Audits.

risk limit = 0.1; margin = 0.1; 14,000 votes cast. ASN = 469

Note that total election size only matters in the computation of average number of ballots drawn

Round Size: Row 5, BRAVO Table 1 BRAVO Percentiles	193 25	332 50	587 75	974 90	2,155 99
Current instantiation of BRAVO as a round-by-round audit: Average Ballots = 1051; 736 + hand count					
Winner votes needed to stop	113	186	320	523	1,143
Stopping probabilities	0.1792	0.3998	0.6510	0.8401	0.9775
Stopping probabilities of ballot-by-ballot audits	0.2507	0.5004	0.7503	0.9001	0.9900
Risk expended (0.0389)	0.0105	0.0221	0.0319	0.0376	0.0389
Ideal Risk expended by ballot-by-ballot audit (0.0948)	0.0240	0.0479	0.0718	0.0862	0.0948
Proposed Audit: Average Ballots = 624 approx. 0.59 % of 1051; 578 + hand count					
Winner votes needed to stop	111	183	315	516	1,126
Stopping probabilities	0.2651	0.5310	0.7871	0.9262	0.9967
Risk expended (0.0944)	0.0218	0.0459	0.0699	0.0850	0.0944