

TABLE 1 - All

Reported Simulations	Description	Parish Protected?	Region Constraint	G&R R-hats acceptable?	Sample Size	Unique Maps	Diversity Range	Average Splits		Average Districts That Are Majority	
								Parishes	Multis	Black	Dem
Race-Neutral Sims											
1	Baseline	No	n/a	Yes	9496	14484	.66 - .91	30.1	3.36	0	0.67
2	Auto Parish Protection	Yes	n/a	Yes	14862	16047	.48 - .81	5.0	0.04	0	0.67
3-1	Double Parish Protection	Yes	1.5	Yes	2841	9568	.48 - .81	4.0	0.11	0	0.63
3-2	Lower Pop Tolerance (0.75%)	Yes	1.5	Yes	2246	8848	.42 - .77	3.6	0.08	0	0.63
3-3	Punish Multi-Splits	Yes	1.5	Yes	3476	10008	.46 - .78	4.0	0.03	0	0.63
7-2	Protect MSA Cores	Yes	n/a	Yes	16344	16557	.27 - .66	15.2	0.17	0	1.00
Race-Conscious Sims											
4	Parish Black Pop ID'd	Yes	2.5	Yes	2685	3565	.39 - .78	4.6	0.11	0	0.99
5-1	Statewide Black Pop	Yes	2.5	Yes	14461	16002	.48 - .80	5.0	0.05	0	0.67
5-2	Statewide Black Pop	No	2.5	Yes	10842	14469	.66 - .90	29.9	3.27	0	0.64
6-1	New CD2 ID'd - basic	Yes	2.5	Yes	5100	13210	.51 - .84	5.0	0.17	0	0.88
6-2	New CD2 ID'd - no parish quota	No	2.5	Yes	7437	14366	.67 - .91	30.0	3.17	0.0005	0.67
6-3	New CD2 ID'd - stronger	Yes	5.0	Yes	3174	5443	.47 - .81	5.0	0.22	0	0.98
7-1	Protect Enacted Cores	Yes	n/a	Yes	14199	15855	.51 - .82	15.7	0.26	0	0.78

NOTE: All simulations employ Version 4.2 of "Redist" with a compactness parameter of 1 as recommended by McCartan & Imai. Multisplit protections always receive weight 1.5 and all sims use two chains. All diagnostic scores reported here fall into acceptable ranges.