

Supplementary Results For:
“Can Voter ID Laws Be Administered In a Race-Neutral Manner?
Evidence from the City of Boston in 2008”

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1 Summary Statistics

	Asian	Black	Hispanic	White
Not Asked for ID	91 78%	447 75%	168 64%	1160 88%
Asked for ID	26 22%	153 25%	93 36%	165 12%

Table 1: *Cross-tabulation of ID Requests by Race and Ethnicity.* Percentages are percentages within the race/ethnic group in question. (Listwise Deletion, No Imputation)

	Asian	Black	Hispanic	White
Not Asked for ID	159.8 67.1%	848.2 66.6%	302.3 61.9%	1775.0 77.3%
Asked for ID	78.5 32.9%	426.1 33.4%	185.9 38.1%	520.1 22.7%

Table 2: *Cross-tabulation of ID Requests by Race and Ethnicity.* Averages over 10 imputed datasets. Percentages are percentages within the race/ethnic group in question. (Imputed Data)

		Respondent Reported Race			
		Asian	Black	Other	White
Pollster Perception	Asian	167	4	7	6
	Black	6	1215	176	12
	Other	22	28	133	72
	White	12	17	117	2511

Table 3: *Cross-tabulation of Perceived and Reported Race of Respondents* (Listwise Deletion, No Imputation)

		Respondent Reported Ethnicity	
		Non-Hispanic	Hispanic
Pollster	Non-Hispanic	3565	275
Perception	Hispanic	177	291

Table 4: *Cross-tabulation of Perceived and Reported Ethnicity of Respondents* (Listwise Deletion, No Imputation)

	Don't Know	Not At All Confident	Not Too Confident	Somewhat Confident	Very Confident
Not Asked for ID	4 (0.500)	1 (1.000)	1 (1.000)	12 (1.000)	72 (0.766)
Asked for ID	4 (0.500)	0 (0.000)	0 (0.000)	0 (0.000)	22 (0.846)

Table 5: *Cross-tabulation of ID Request by Confidence That Vote Will be Counted Among Self-Reported Asians.* (Listwise Deletion, No Imputation). Entries not in parentheses are frequency counts. Entries in parentheses immediately to the right of the frequency counts are row fractions. Entries in parentheses immediately below the frequency counts are column fractions.

	Don't Know	Not At All Confident	Not Too Confident	Somewhat Confident	Very Confident
Not Asked for ID	20 (0.769)	0 (0.000)	4 (0.500)	81 (0.786)	337 (0.739)
Asked for ID	6 (0.231)	1 (1.000)	4 (0.500)	22 (0.214)	119 (0.261)

Table 6: *Cross-tabulation of ID Request by Confidence That Vote Will be Counted Among Self-Reported Blacks.* (Listwise Deletion, No Imputation). Entries not in parentheses are frequency counts. Entries in parentheses immediately to the right of the frequency counts are row fractions. Entries in parentheses immediately below the frequency counts are column fractions.

	Don't Know	Not At All Confident	Not Too Confident	Somewhat Confident	Very Confident
Not Asked for ID	8 (0.571)	1 (0.500)	2 (0.333)	28 (0.636)	128 (0.663)
Asked for ID	6 (0.429)	1 (0.500)	4 (0.667)	16 (0.364)	65 (0.337)

Table 7: *Cross-tabulation of ID Request by Confidence That Vote Will be Counted Among Self-Reported Hispanics.* (Listwise Deletion, No Imputation). Entries not in parentheses are frequency counts. Entries in parentheses immediately to the right of the frequency counts are row fractions. Entries in parentheses immediately below the frequency counts are column fractions.

	Don't Know	Not At All Confident	Not Too Confident	Somewhat Confident	Very Confident
Not Asked for ID	29 (0.805)	7 (0.875)	12 (0.632)	177 (0.851)	933 (0.887)
Asked for ID	7 (0.194)	1 (0.125)	7 (0.368)	31 (0.149)	119 (0.113)

Table 8: *Cross-tabulation of ID Request by Confidence That Vote Will be Counted Among Self-Reported Whites.* (Listwise Deletion, No Imputation). Entries not in parentheses are frequency counts. Entries in parentheses immediately to the right of the frequency counts are row fractions. Entries in parentheses immediately below the frequency counts are column fractions.

	Disagree or Strongly Disagree	Neutral	Agree or Strongly Agree
Not Asked for ID	6 (0.667)	4 (0.667)	81 (0.794)
Asked for ID	3 (0.333)	2 (0.333)	21 (0.206)

Table 9: *Cross-tabulation of ID Request by Levels of Agreement with Statement that Respondent was Treated with Dignity and Respect by Election Workers (Among Self-Reported Asians)*. (Listwise Deletion, No Imputation). Entries not in parentheses are frequency counts. Entries in parentheses immediately to the right of the frequency counts are row fractions. Entries in parentheses immediately below the frequency counts are column fractions.

	Disagree or Strongly Disagree	Neutral	Agree or Strongly Agree
Not Asked for ID	33 (0.660)	8 (0.727)	403 (0.753)
Asked for ID	17 (0.340)	3 (0.273)	132 (0.247)

Table 10: *Cross-tabulation of ID Request by Levels of Agreement with Statement that Respondent was Treated with Dignity and Respect by Election Workers (Among Self-Reported Blacks)*. (Listwise Deletion, No Imputation). Entries not in parentheses are frequency counts. Entries in parentheses immediately to the right of the frequency counts are row fractions. Entries in parentheses immediately below the frequency counts are column fractions.

	Disagree or Strongly Disagree	Neutral	Agree or Strongly Agree
Not Asked for ID	8 (0.444)	4 (0.667)	155 (0.662)
Asked for ID	10 (0.556)	2 (0.333)	79 (0.338)

Table 11: *Cross-tabulation of ID Request by Levels of Agreement with Statement that Respondent was Treated with Dignity and Respect by Election Workers (Among Self-Reported Hispanics)*. (Listwise Deletion, No Imputation). Entries not in parentheses are frequency counts. Entries in parentheses immediately to the right of the frequency counts are row fractions. Entries in parentheses immediately below the frequency counts are column fractions.

	Disagree or Strongly Disagree	Neutral	Agree or Strongly Agree
Not Asked for ID	100 (0.086) (0.833)	31 (0.027) (0.795)	1026 (0.887) (0.882)
Asked for ID	20 (0.121) (0.167)	8 (0.048) (0.205)	137 (0.830) (0.118)

Table 12: *Cross-tabulation of ID Request by Levels of Agreement with Statement that Respondent was Treated with Dignity and Respect by Election Workers (Among Self-Reported Whites)*. (Listwise Deletion, No Imputation). Entries not in parentheses are frequency counts. Entries in parentheses immediately to the right of the frequency counts are row fractions. Entries in parentheses immediately below the frequency counts are column fractions.

	Don't Know	Not At All Confident	Not Too Confident	Somewhat Confident	Very Confident
Not Asked for ID	17.6 (0.110) (0.566)	10.6 (0.066) (0.541)	12.0 (0.075) (0.548)	26.8 (0.168) (0.728)	92.8 (0.581) (0.720)
Asked for ID	13.5 (0.172) (0.434)	9.0 (0.115) (0.459)	9.9 (0.126) (0.452)	10.0 (0.127) (0.272)	36.1 (0.460) (0.280)

Table 13: *Cross-tabulation of ID Request by Confidence That Vote Will be Counted Among Self-Reported Asians.* (Imputed Data). Entries not in parentheses are frequency counts. Entries in parentheses immediately to the right of the frequency counts are row fractions. Entries in parentheses immediately below the frequency counts are column fractions.

	Don't Know	Not At All Confident	Not Too Confident	Somewhat Confident	Very Confident
Not Asked for ID	79.8 (0.094) (0.614)	56.1 (0.066) (0.599)	56.4 (0.066) (0.567)	149.8 (0.177) (0.666)	506.1 (0.597) (0.697)
Asked for ID	50.1 (0.118) (0.386)	37.6 (0.088) (0.401)	43.0 (0.101) (0.433)	75.0 (0.176) (0.334)	220.4 (0.517) (0.303)

Table 14: *Cross-tabulation of ID Request by Confidence That Vote Will be Counted Among Self-Reported Blacks.* (Imputed Data). Entries not in parentheses are frequency counts. Entries in parentheses immediately to the right of the frequency counts are row fractions. Entries in parentheses immediately below the frequency counts are column fractions.

	Don't Know	Not At All Confident	Not Too Confident	Somewhat Confident	Very Confident
Not Asked for ID	30.6 (0.101) (0.544)	24.3 (0.080) (0.509)	23.4 (0.077) (0.502)	54.1 (0.179) (0.568)	169.9 (0.562) (0.638)
Asked for ID	25.7 (0.122) (0.456)	23.4 (0.111) (0.491)	23.2 (0.110) (0.498)	41.1 (0.196) (0.432)	96.6 (0.460) (0.362)

Table 15: *Cross-tabulation of ID Request by Confidence That Vote Will be Counted Among Self-Reported Hispanics.* (Imputed Data). Entries not in parentheses are frequency counts. Entries in parentheses immediately to the right of the frequency counts are row fractions. Entries in parentheses immediately below the frequency counts are column fractions.

	Don't Know	Not At All Confident	Not Too Confident	Somewhat Confident	Very Confident
Not Asked for ID	105.8 (0.060) (0.646)	81.0 (0.046) (0.635)	84.7 (0.048) (0.608)	278.1 (0.157) (0.737)	1225.4 (0.690) (0.824)
Asked for ID	58.1 (0.112) (0.354)	46.6 (0.090) (0.365)	54.7 (0.105) (0.392)	99.1 (0.191) (0.263)	261.6 (0.503) (0.176)

Table 16: *Cross-tabulation of ID Request by Confidence That Vote Will be Counted Among Self-Reported Whites.* (Imputed Data). Entries not in parentheses are frequency counts. Entries in parentheses immediately to the right of the frequency counts are row fractions. Entries in parentheses immediately below the frequency counts are column fractions.

	Disagree or Strongly Disagree	Neutral	Agree or Strongly Agree
Not Asked for ID	26.0 (0.163) (0.587)	22.2 (0.139) (0.559)	111.6 (0.698) (0.723)
Asked for ID	18.3 (0.233) (0.413)	17.5 (0.223) (0.441)	42.7 (0.544) (0.277)

Table 17: *Cross-tabulation of ID Request by Levels of Agreement with Statement that Respondent was Treated with Dignity and Respect by Election Workers (Among Self-Reported Asians).* (Imputed Data). Entries not in parentheses are frequency counts. Entries in parentheses immediately to the right of the frequency counts are row fractions. Entries in parentheses immediately below the frequency counts are column fractions.

	Disagree or Strongly Disagree	Neutral	Agree or Strongly Agree
Not Asked for ID	143.1 (0.169) (0.598)	111.7 (0.132) (0.583)	593.4 (0.700) (0.704)
Asked for ID	96.1 (0.226) (0.402)	80.0 (0.188) (0.417)	250.0 (0.587) (0.296)

Table 18: *Cross-tabulation of ID Request by Levels of Agreement with Statement that Respondent was Treated with Dignity and Respect by Election Workers (Among Self-Reported Blacks).* (Imputed Data). Entries not in parentheses are frequency counts. Entries in parentheses immediately to the right of the frequency counts are row fractions. Entries in parentheses immediately below the frequency counts are column fractions.

	Disagree or Strongly Disagree	Neutral	Agree or Strongly Agree
Not Asked for ID	48.1 (0.159) (0.507)	44.8 (0.148) (0.533)	209.4 (0.693) (0.628)
Asked for ID	46.7 (0.222) (0.493)	39.3 (0.187) (0.467)	124.0 (0.590) (0.372)

Table 19: *Cross-tabulation of ID Request by Levels of Agreement with Statement that Respondent was Treated with Dignity and Respect by Election Workers (Among Self-Reported Hispanics).* (Imputed Data). Entries not in parentheses are frequency counts. Entries in parentheses immediately to the right of the frequency counts are row fractions. Entries in parentheses immediately below the frequency counts are column fractions.

	Disagree or Strongly Disagree	Neutral	Agree or Strongly Agree
Not Asked for ID	254.2 (0.143) (0.692)	188.4 (0.106) (0.655)	1332.4 (0.751) (0.812)
Asked for ID	113.1 (0.217) (0.308)	99.2 (0.191) (0.345)	307.8 (0.592) (0.188)

Table 20: *Cross-tabulation of ID Request by Levels of Agreement with Statement that Respondent was Treated with Dignity and Respect by Election Workers (Among Self-Reported Whites).* (Imputed Data). Entries not in parentheses are frequency counts. Entries in parentheses immediately to the right of the frequency counts are row fractions. Entries in parentheses immediately below the frequency counts are column fractions.

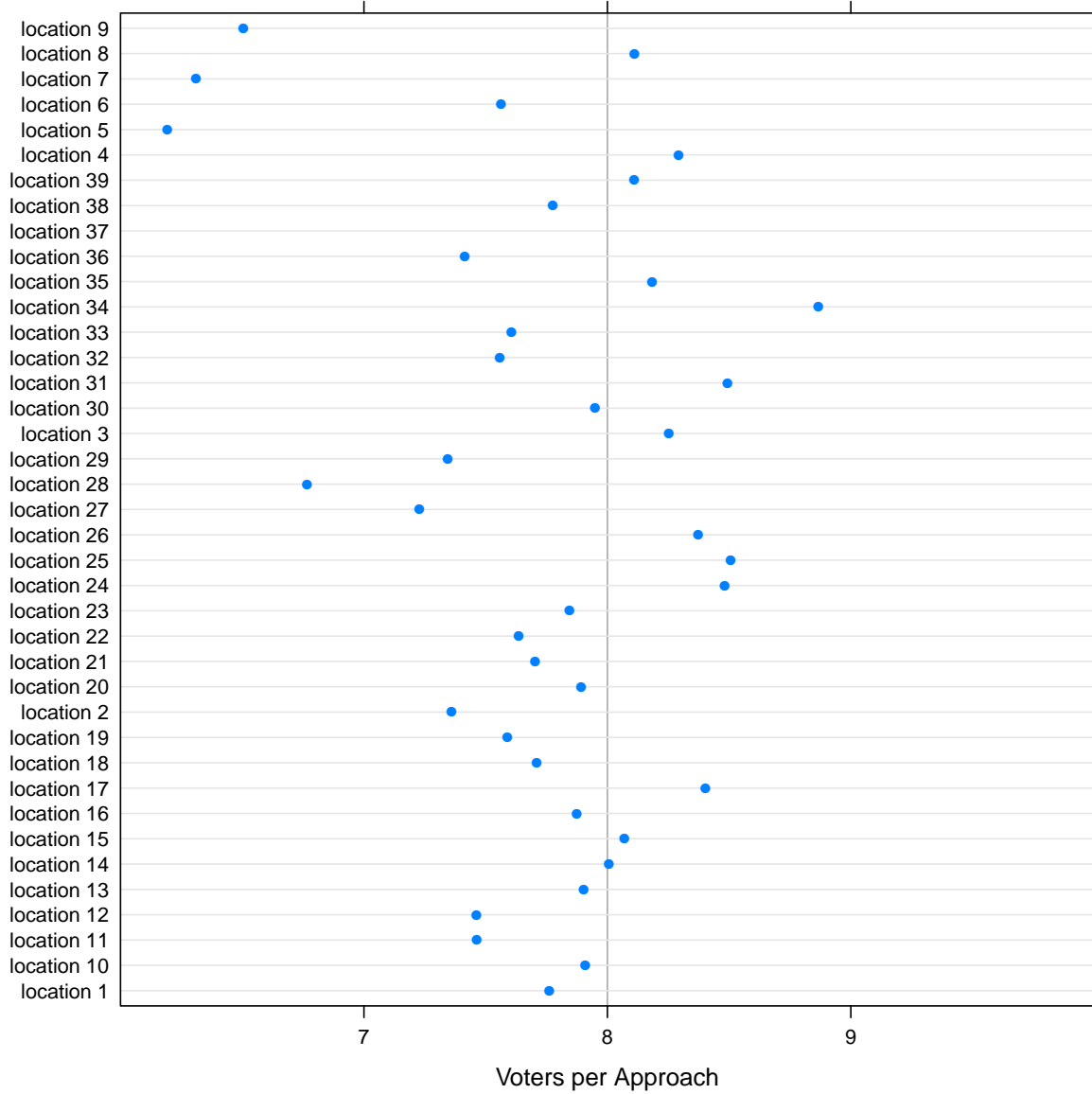


Figure 1: *Actual Number of Voters (From Official Returns) Divided by Number of Approaches Made by Exit Pollsters (by Polling Location)*. If the exit pollsters perfectly executed the 1 out of 8 sampling interval and everyone coming out of the polling location was a voter then these ratios would be exactly equal to 8.

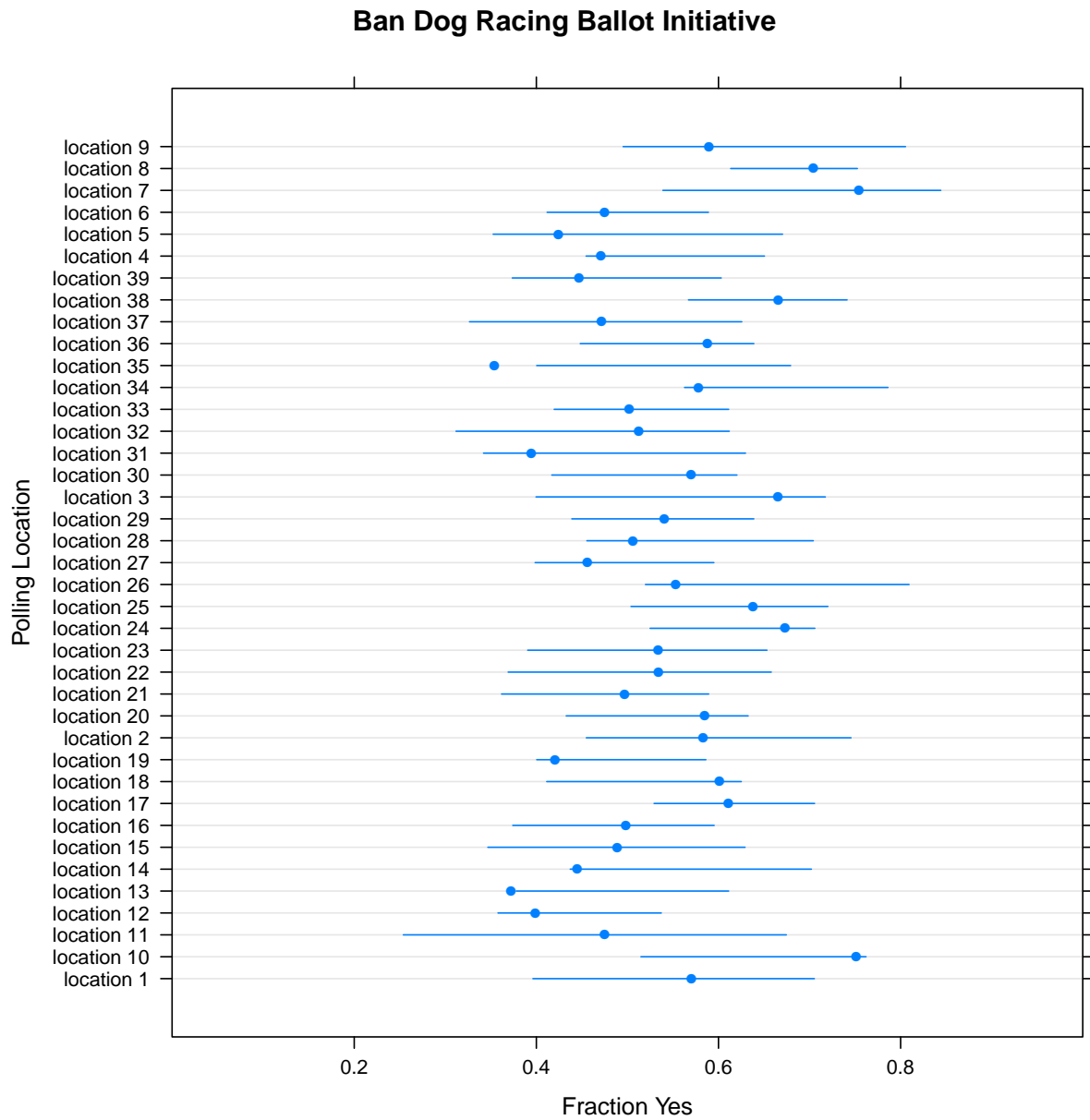


Figure 2: *Truth and 95% CI for Fraction “Yes” to the Dog Racing Ballot Initiative.* The dots corresponds to the true fraction of support in the polling locations and the blue lines correspond to 95% CIs.

Decriminalize Marijuana Ballot Initiative

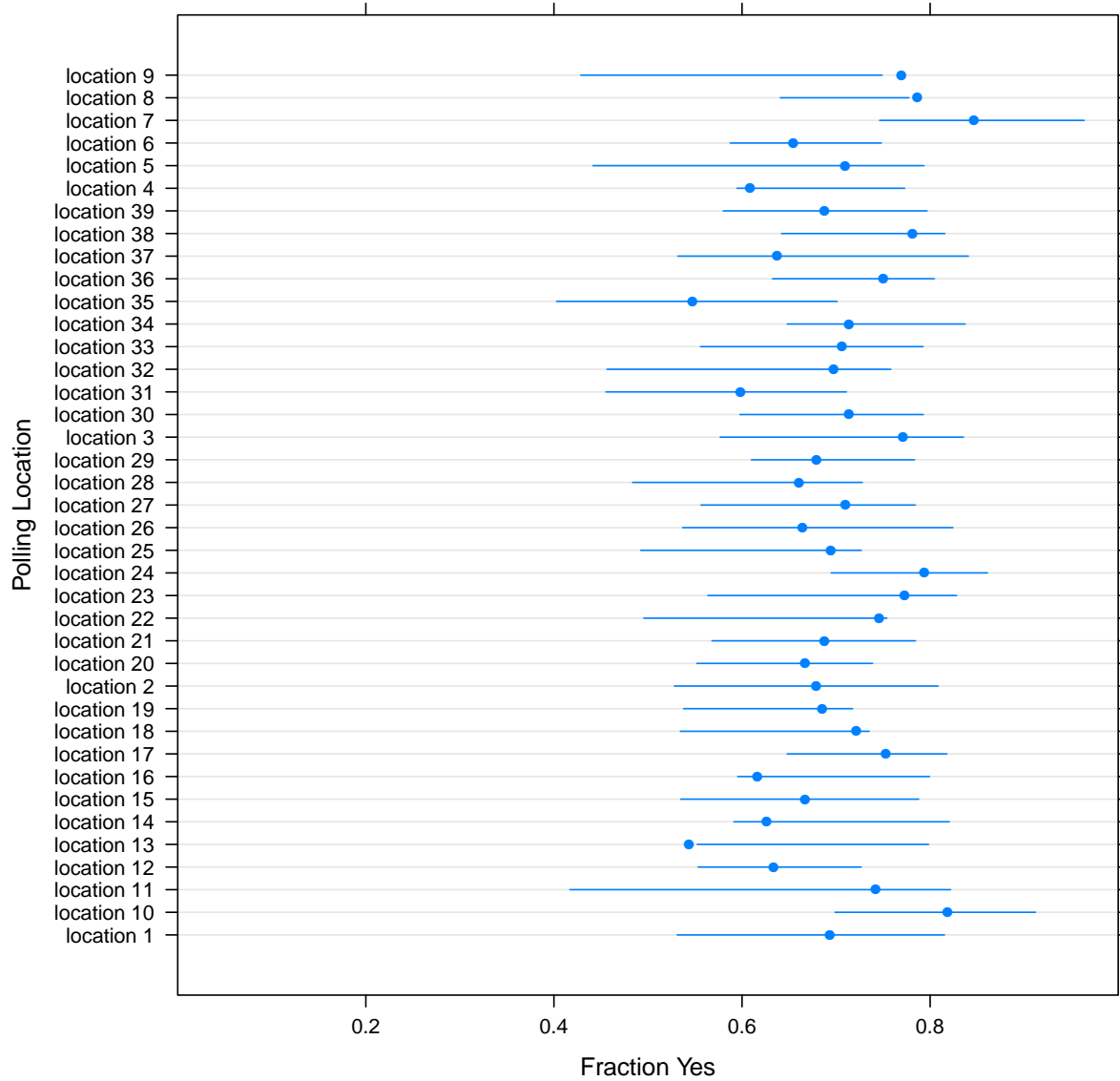


Figure 3: *Truth and 95% CI for Fraction “Yes” to the Marijuana Decriminalization Ballot Initiative.* The dots corresponds to the true fraction of support in the polling locations and the blue lines correspond to 95% CIs.

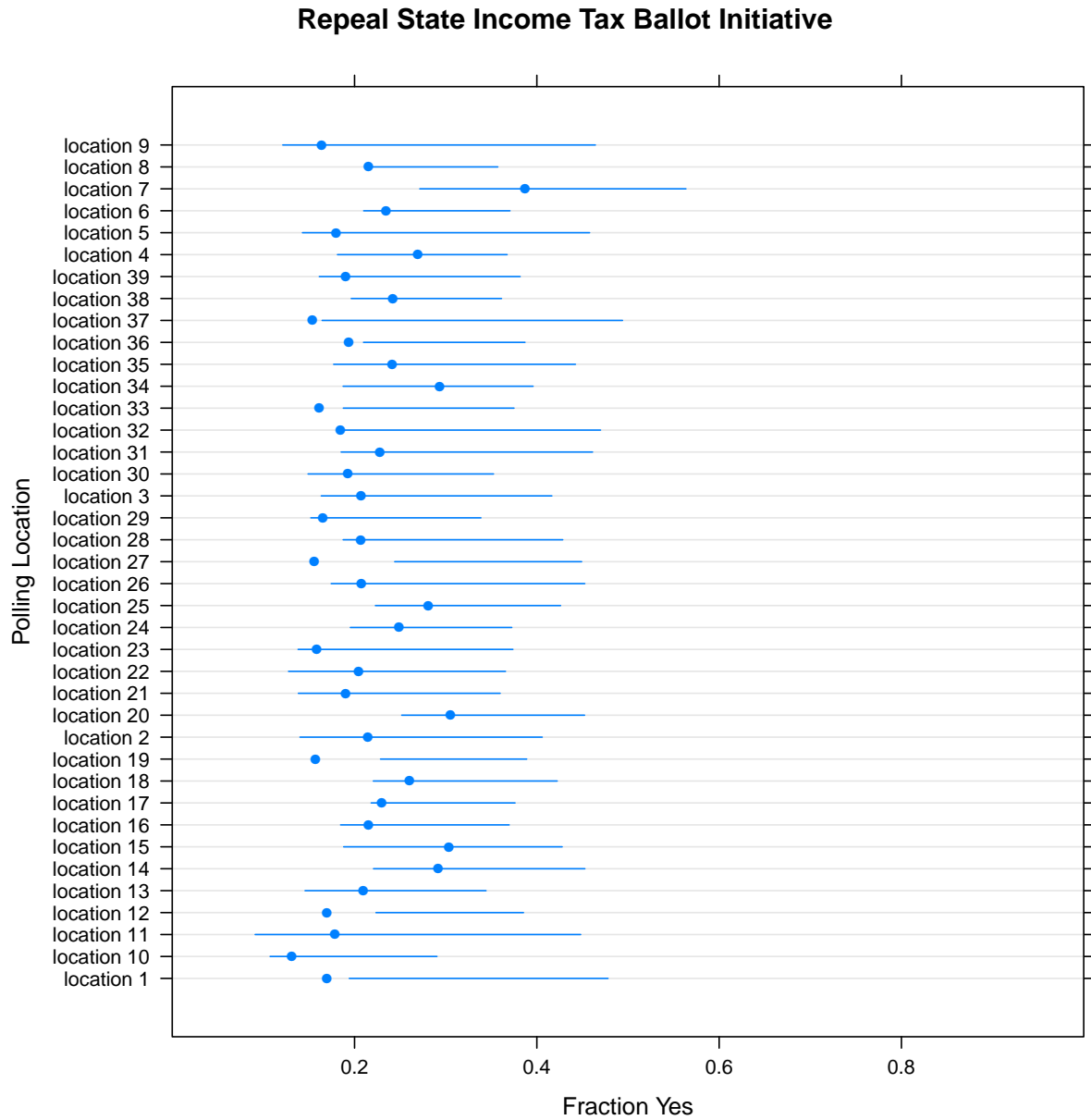


Figure 4: *Truth and 95% CI for Fraction “Yes” to the Repeal of the State Income Tax Ballot Initiative.* The dots corresponds to the true fraction of support in the polling locations and the blue lines correspond to 95% CIs.

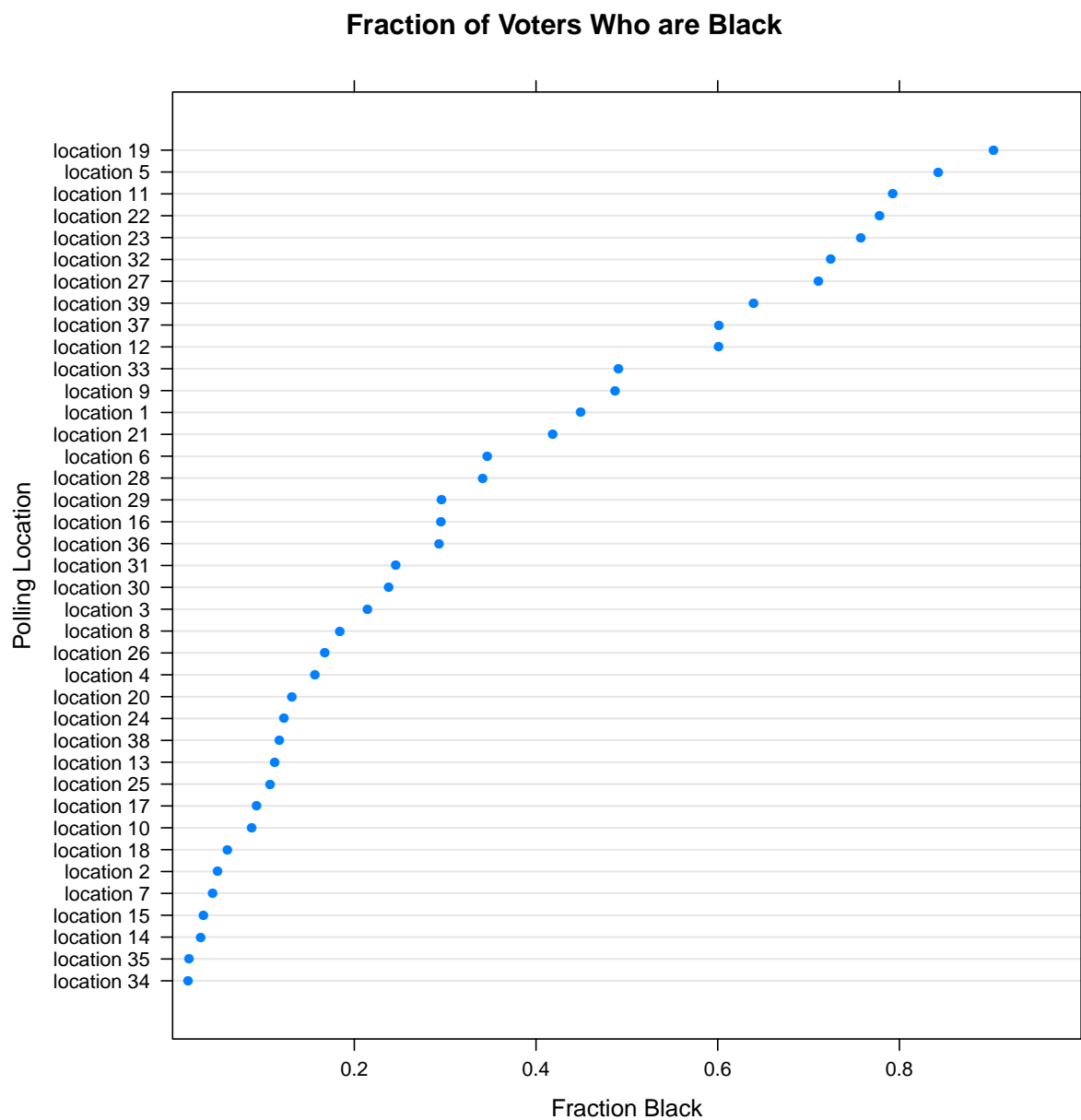


Figure 5: *Fraction of Voters Who are Black by Polling Location.*

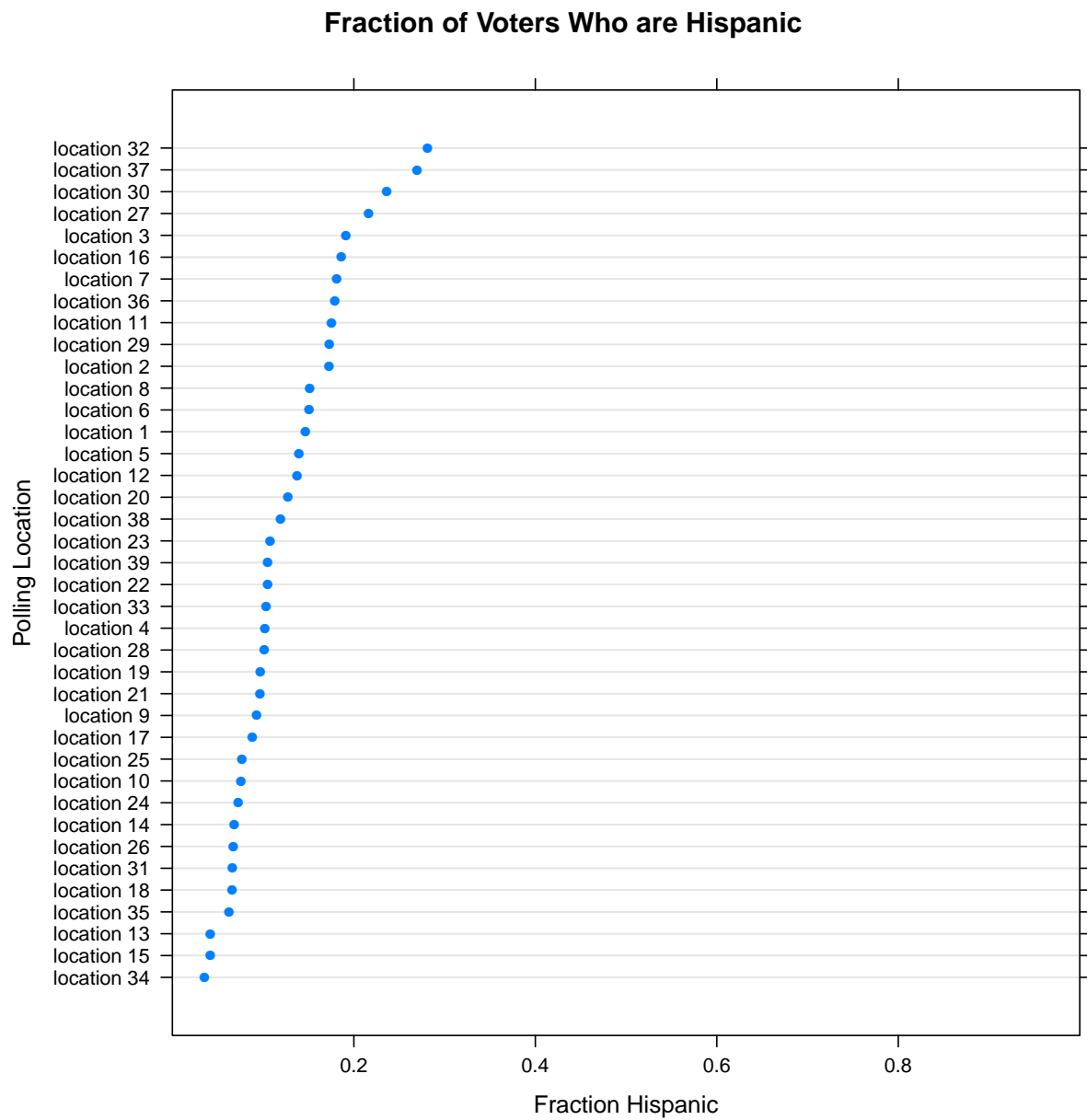


Figure 6: *Fraction of Voters Who are Hispanic by Polling Location.*

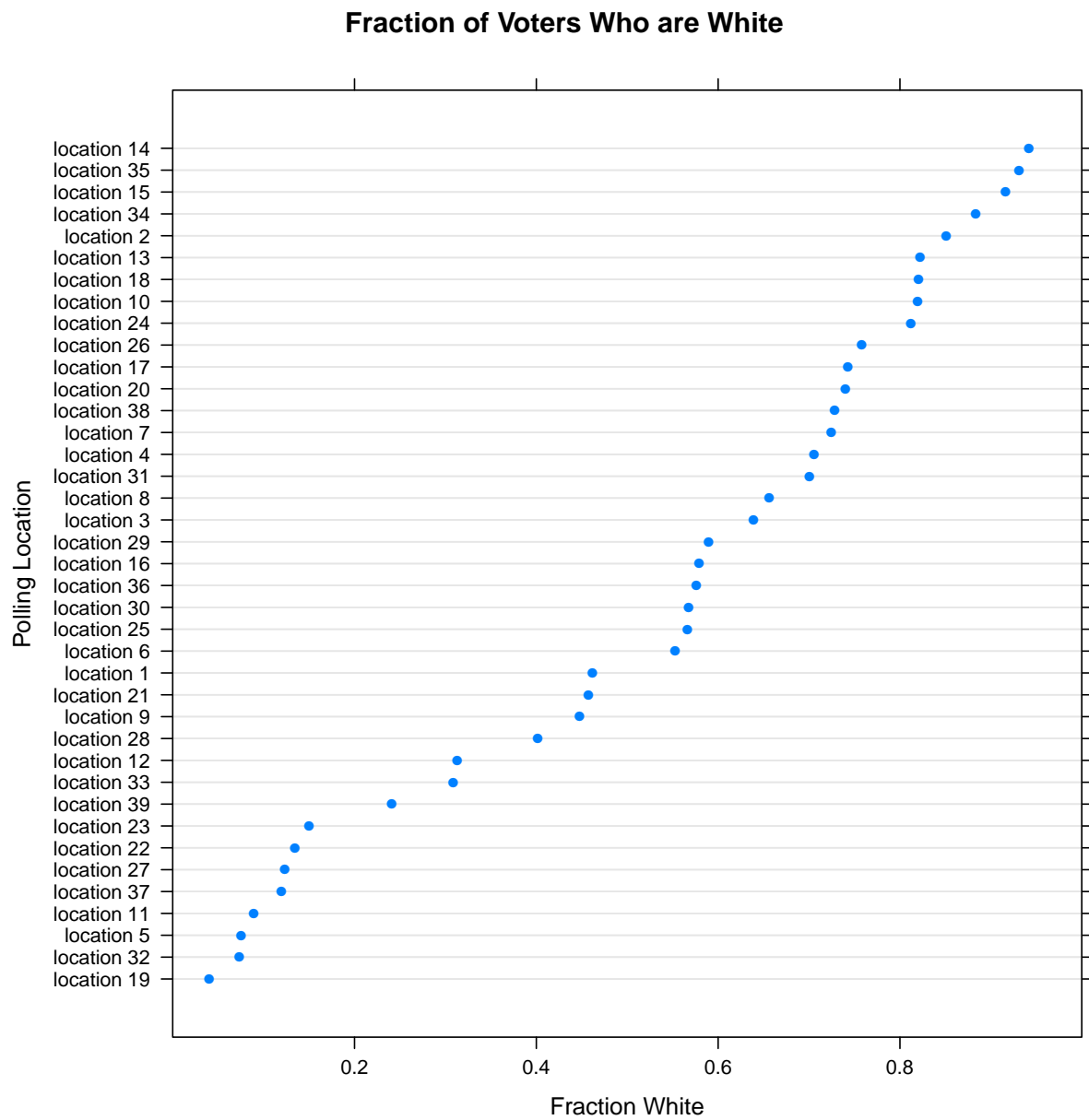


Figure 7: *Fraction of Voters Who are White by Polling Location.*

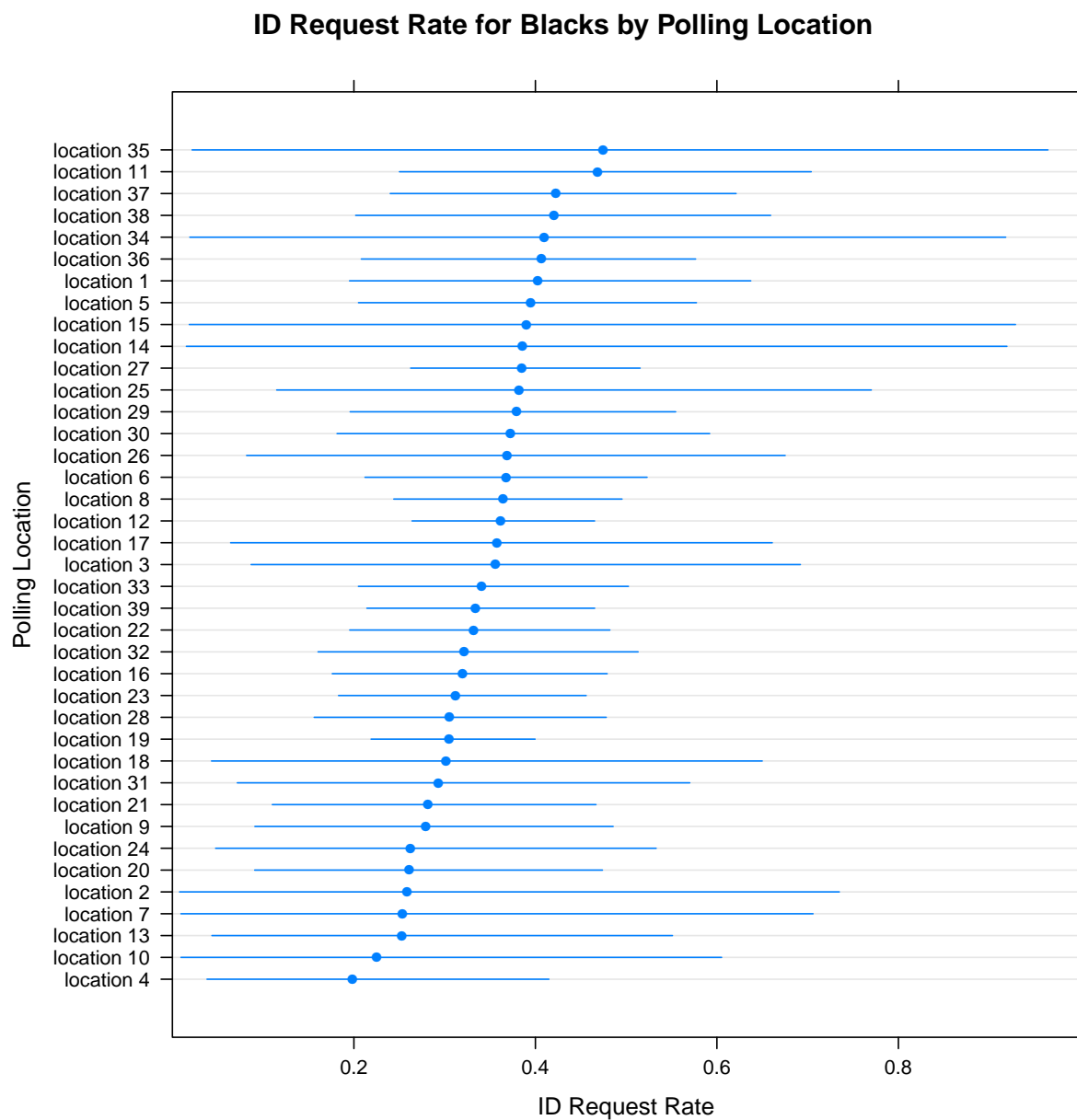


Figure 8: *ID Request Rate for Blacks by Polling Location.*

ID Request Rate for Hispanics by Polling Location

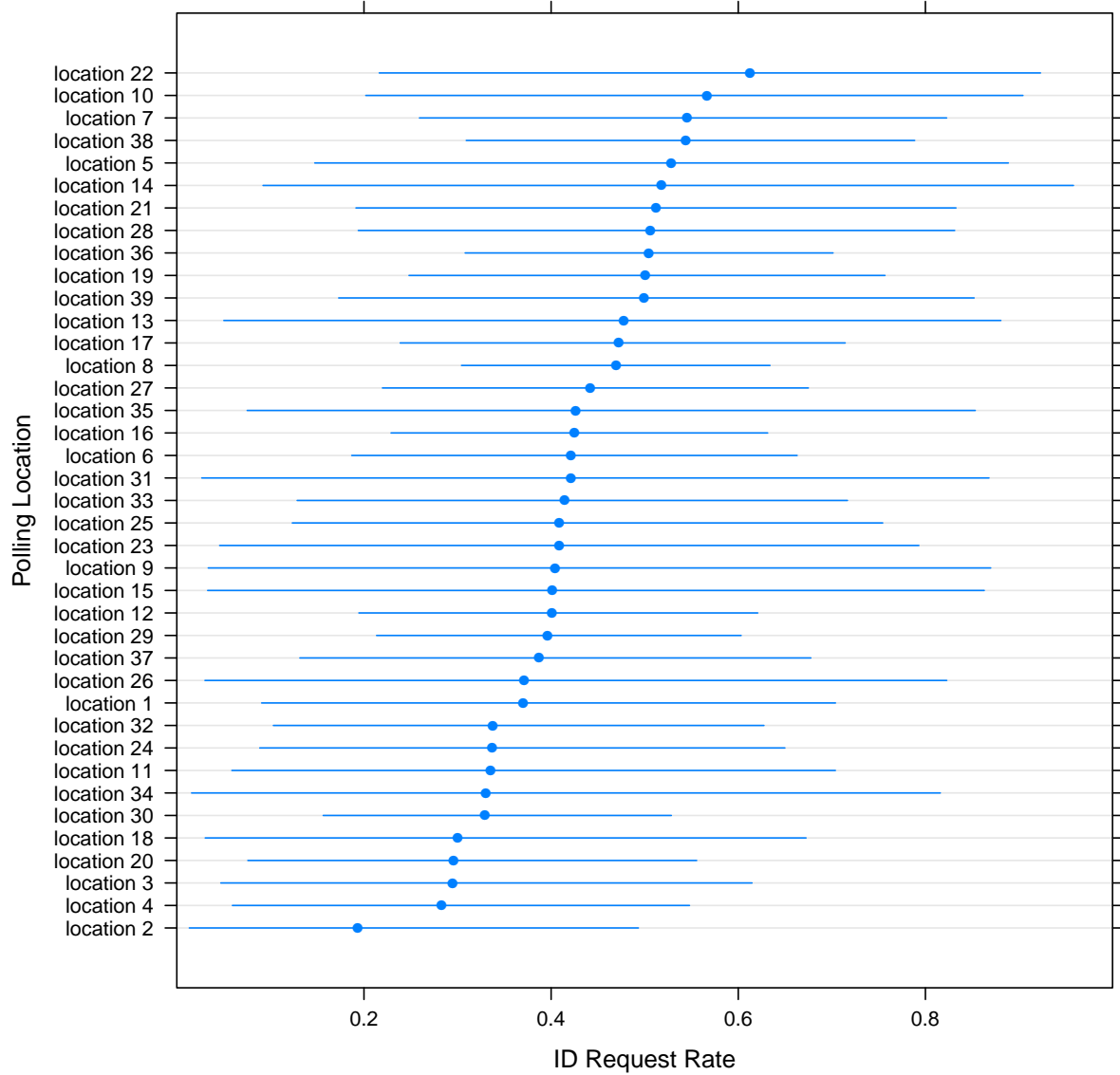


Figure 9: *ID Request Rate for Hispanics by Polling Location.*

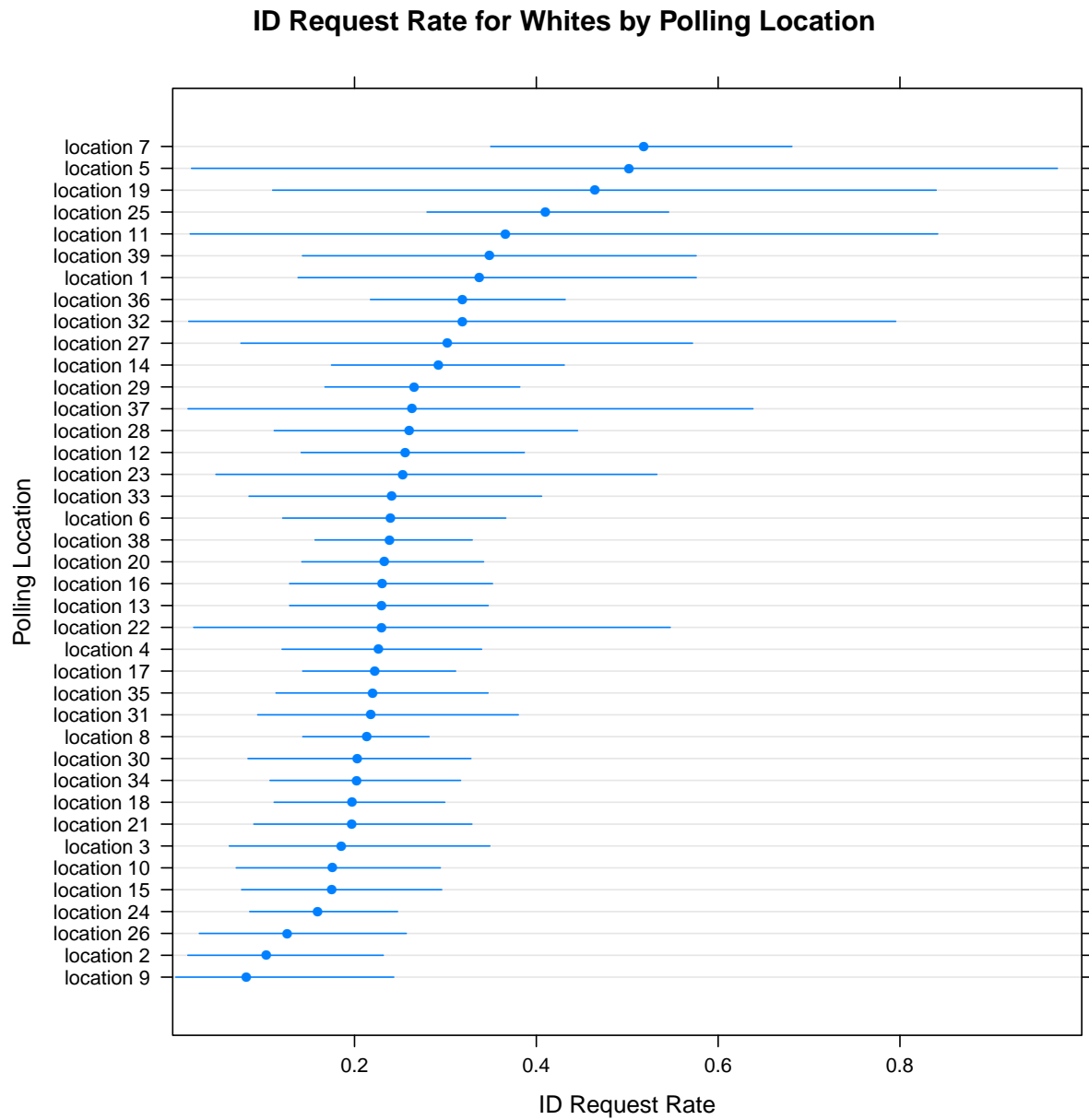


Figure 10: *ID Request Rate for Whites by Polling Location.*

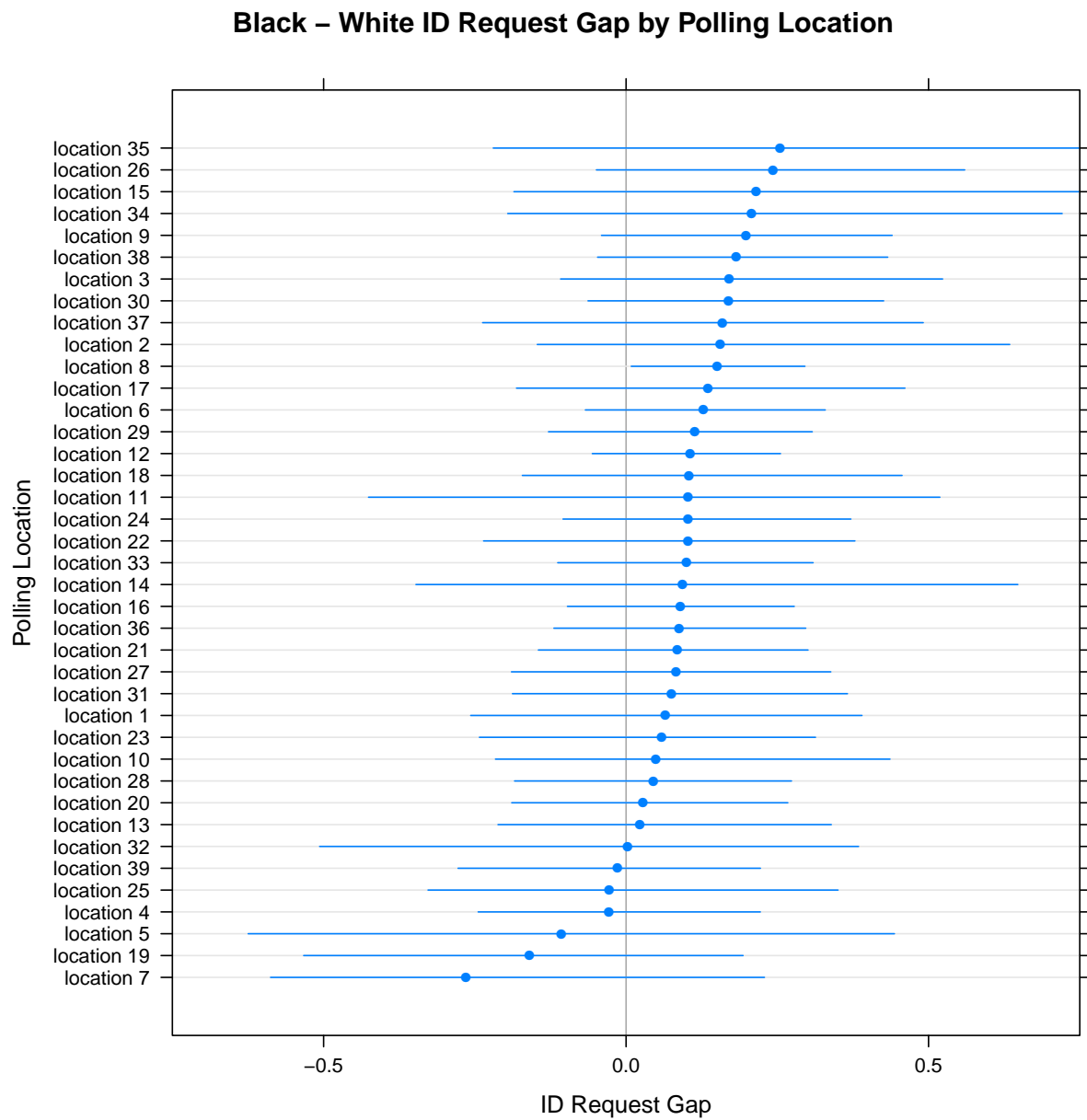


Figure 11: *ID Request Rate for Blacks Minus ID Request Rate for Whites by Polling Location.*

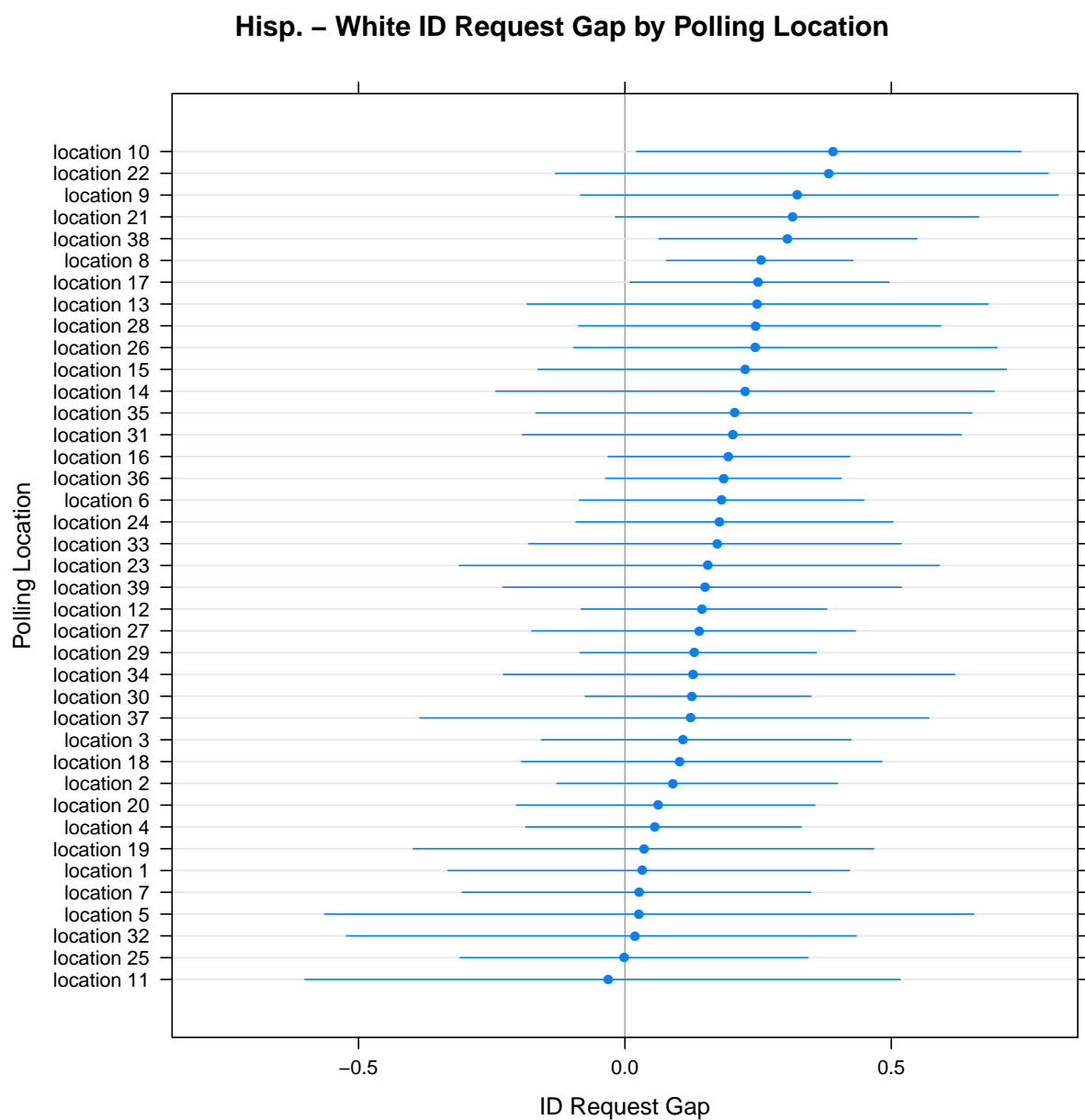


Figure 12: *ID Request Rate for Hispanics Minus ID Request Rate for Whites by Polling Location.*

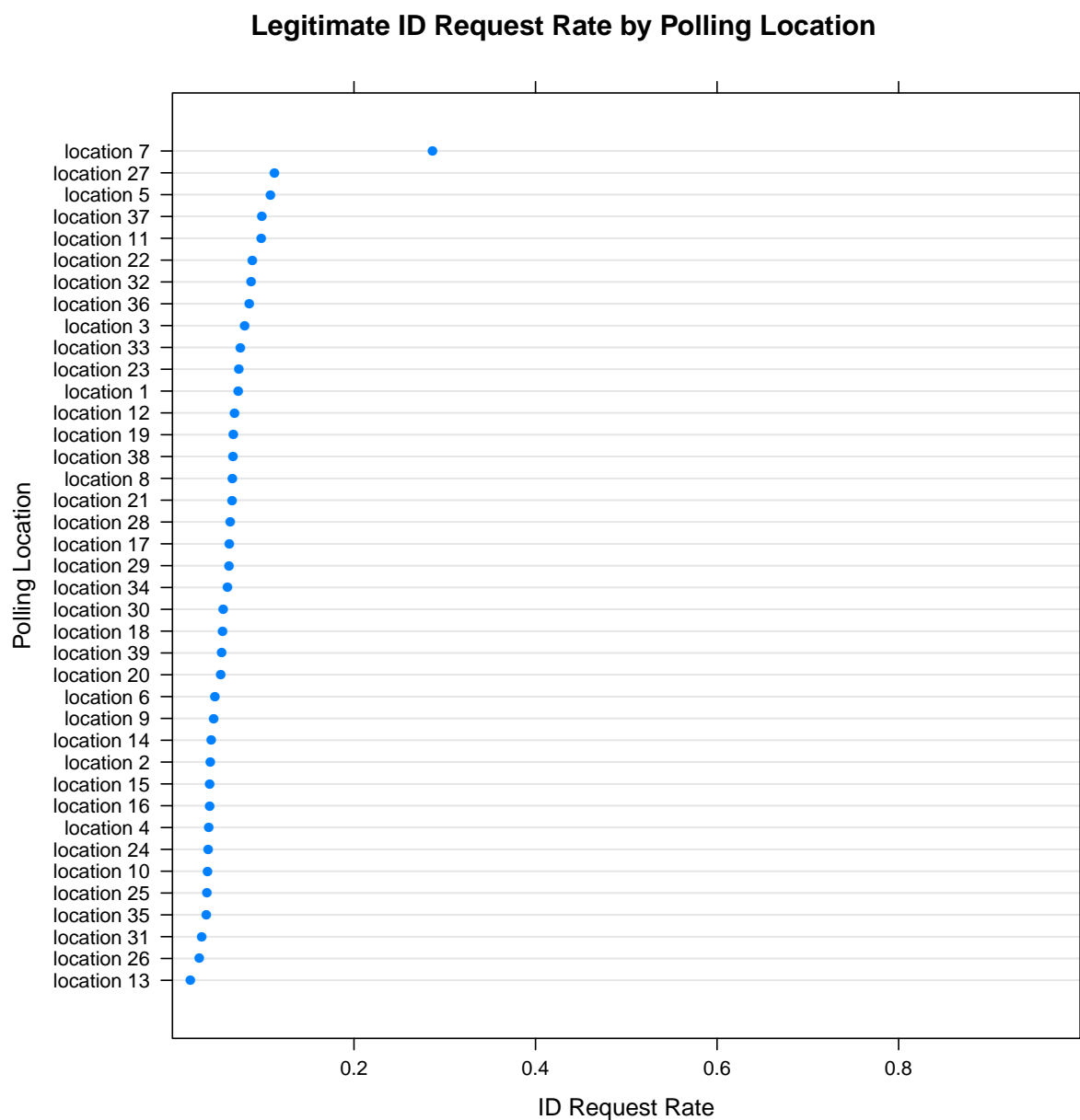


Figure 13: *Legitimate ID Request Rate ((HAVA + Inactive Voters) / Voters) by Polling Location.*

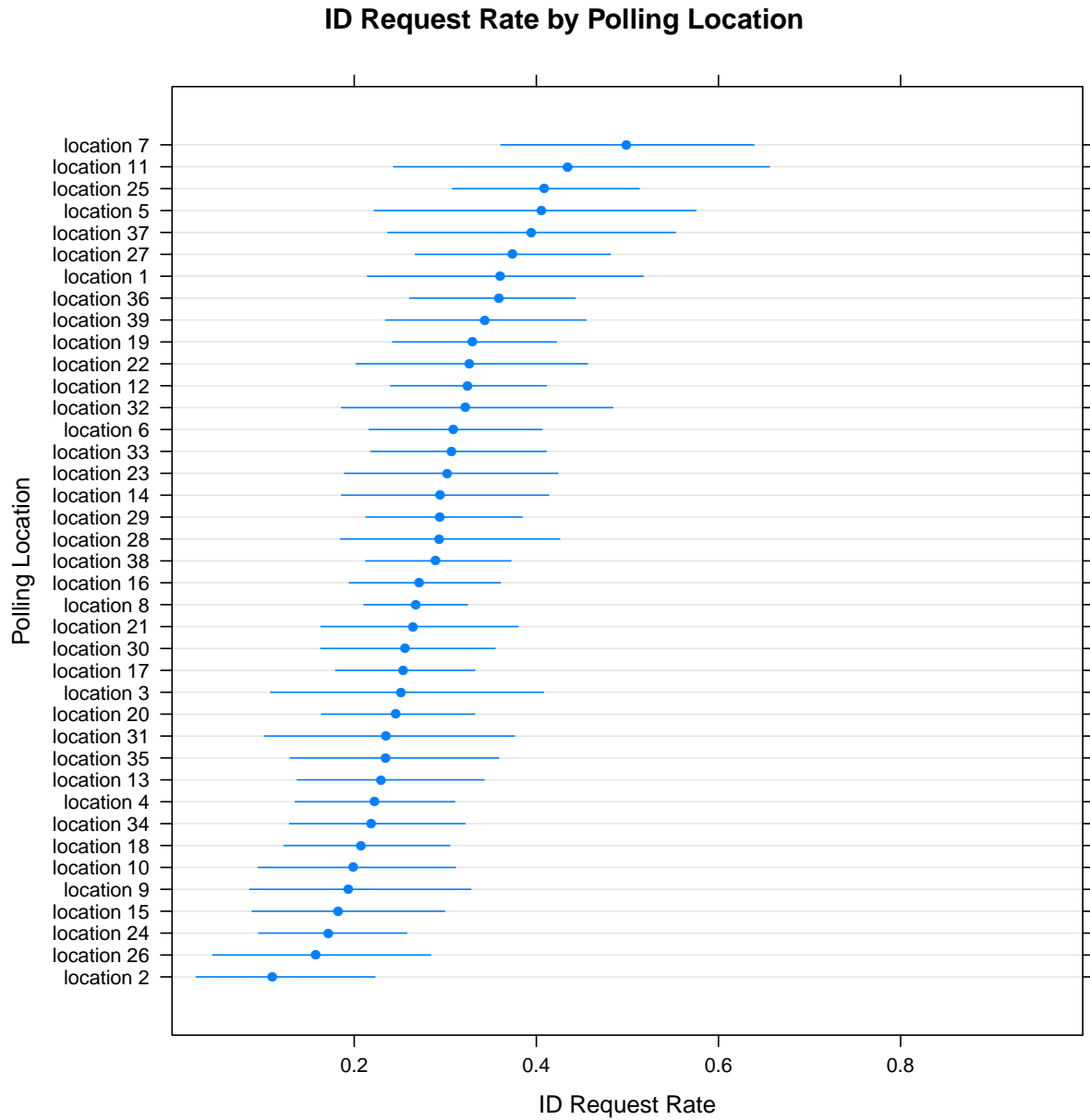


Figure 14: *Overall ID Request Rate by Polling Location.*

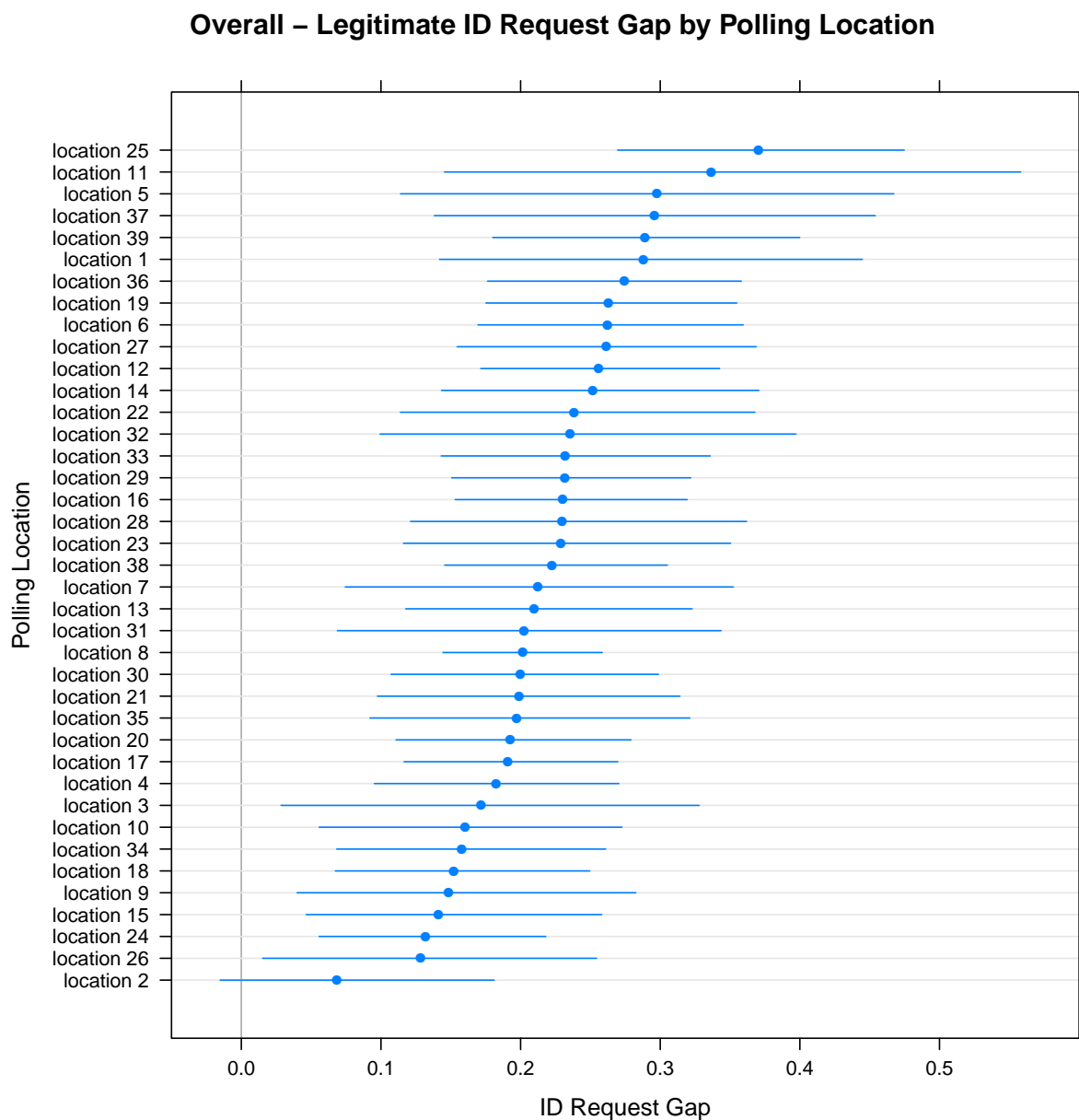


Figure 15: *Overall ID Request Rate Minus Legitimate ID Request Rate by Polling Location.*

2 Probit Results

	Median	2.5%ile	97.5%ile
Constant	-1.882	-3.628	-0.296
Treated	-0.167	-0.459	0.117
Answer Format	-0.057	-0.192	0.083
Female	-0.129	-0.267	0.014
Hispanic	0.388	0.145	0.628
Black	0.402	0.225	0.573
Asian	0.185	-0.139	0.503
Non-English Speaker	0.407	0.180	0.635
Educ \geq College	-0.081	-0.233	0.074
Young Voter	0.174	-0.008	0.350
Old Voter	-0.362	-0.572	-0.158
σ_C^2	0.122	0.059	0.241

Table 21: Hierarchical Probit Model with Raw (Listwise Deleted, Non-Imputed) Data.

	Median	2.5%ile	97.5%ile
Constant	-1.826	-3.588	-0.184
Treated	-0.169	-0.484	0.133
Answer Format	-0.062	-0.202	0.082
Female	-0.129	-0.275	0.011
Hispanic	0.357	0.065	0.647
Black	0.405	0.179	0.635
Asian	0.086	-0.348	0.473
Non-English Speaker	0.443	0.218	0.668
Educ \geq College	-0.079	-0.238	0.071
Young Voter	0.176	-0.009	0.355
Old Voter	-0.362	-0.577	-0.162
σ_C^2	0.165	0.084	0.334
σ_{CH}	0.021	-0.086	0.144
σ_{CAf}	-0.063	-0.221	0.017
σ_{CA_s}	0.044	-0.070	0.205
σ_H^2	0.126	0.051	0.370
σ_{HAf}	-0.005	-0.115	0.093
σ_{HA_s}	0.010	-0.106	0.168
σ_{Af}^2	0.117	0.048	0.306
σ_{AfAs}	-0.021	-0.167	0.077
σ_{As}^2	0.156	0.054	0.525

Table 22: Hierarchical Probit Model with Raw (Listwise Deleted, Non-Imputed) Data.

	Median	2.5%ile	97.5%ile
Constant	-1.454	-3.643	0.507
Treated	-1.234	-4.649	2.220
Answer Format	0.013	-0.163	0.188
Female	-0.099	-0.273	0.072
Hispanic	0.384	0.090	0.677
Black	0.423	0.199	0.641
Asian	0.081	-0.343	0.479
Non-English Speaker	0.370	0.103	0.638
Educ \geq College	-0.170	-0.362	0.022
Young Voter	0.194	-0.023	0.413
Old Voter	-0.423	-0.701	-0.157
Treated * Answer Format	-0.215	-0.525	0.077
Treated * Female	-0.096	-0.388	0.209
Treated * Hisp	0.002	-0.539	0.545
Treated * Black	-0.064	-0.463	0.308
Treated * Asian	0.253	-0.441	0.939
Treated * NonEngSpkr	0.138	-0.358	0.617
Treated * CollegePlus	0.287	-0.040	0.638
Treated * Young	-0.053	-0.436	0.353
Treated * Old	0.174	-0.271	0.617
σ_C^2	0.126	0.063	0.254

Table 23: Hierarchical Probit Model with Raw (Listwise Deleted, Non-Imputed) Data.

	Median	2.5%ile	97.5%ile
Constant	-1.501	-3.752	0.632
Treated	-1.025	-4.647	2.388
Answer Format	0.013	-0.165	0.183
Female	-0.096	-0.271	0.087
Hispanic	0.355	-0.023	0.701
Black	0.425	0.141	0.712
Asian	-0.031	-0.586	0.454
Non-English Speaker	0.389	0.112	0.676
Educ \geq College	-0.169	-0.360	0.026
Young Voter	0.191	-0.036	0.411
Old Voter	-0.416	-0.690	-0.148
Treated * Answer Format	-0.217	-0.522	0.085
Treated * Female	-0.101	-0.398	0.206
Treated * Hisp	-0.009	-0.661	0.623
Treated * Black	-0.049	-0.528	0.424
Treated * Asian	0.297	-0.542	1.114
Treated * NonEngSpkr	0.171	-0.331	0.679
Treated * CollegePlus	0.284	-0.047	0.617
Treated * Young	-0.031	-0.438	0.367
Treated * Old	0.163	-0.278	0.606
σ_C^2	0.164	0.083	0.325
σ_{CH}	0.023	-0.087	0.162
σ_{CAf}	-0.061	-0.217	0.020
σ_{CA_s}	0.048	-0.066	0.208
σ_H^2	0.133	0.052	0.422
σ_{HAf}	-0.007	-0.130	0.094
σ_{HA_s}	0.013	-0.108	0.186
σ_{Af}^2	0.118	0.048	0.322
σ_{AfAs}	-0.019	-0.178	0.088
σ_{As}^2	0.159	0.055	0.571

Table 24: Hierarchical Probit Model with Raw (Listwise Deleted, Non-Imputed) Data.

	Median	2.5%ile	97.5%ile
Constant	-2.278	-3.949	-0.652
Treated	-0.096	-0.364	0.176
Answer Format	-0.049	-0.186	0.090
Female	-0.124	-0.260	0.020
Hispanic	0.383	0.145	0.617
Black	0.377	0.186	0.556
Asian	0.142	-0.178	0.460
Non-English Speaker	0.411	0.184	0.624
Educ \geq College	-0.080	-0.234	0.079
Young Voter	0.182	0.010	0.357
Old Voter	-0.372	-0.589	-0.163
Black % VAP	0.470	-0.112	1.061
Hispanic % VAP	0.211	-1.697	2.072
Asian % VAP	2.006	0.766	3.263
σ_C^2	0.090	0.040	0.198

Table 25: Hierarchical Probit Model with Raw (Listwise Deleted, Non-Imputed) Data.

	Median	2.5%ile	97.5%ile
Constant	-2.155	-3.917	-0.549
Treated	-0.088	-0.380	0.211
Answer Format	-0.054	-0.196	0.082
Female	-0.126	-0.273	0.016
Hispanic	0.349	0.047	0.635
Black	0.358	0.137	0.593
Asian	0.071	-0.343	0.451
Non-English Speaker	0.444	0.215	0.676
Educ \geq College	-0.077	-0.234	0.077
Young Voter	0.178	-0.005	0.360
Old Voter	-0.372	-0.595	-0.162
Black % VAP	0.545	-0.112	1.187
Hispanic % VAP	0.249	-1.786	2.352
Asian % VAP	2.062	0.677	3.471
σ_C^2	0.127	0.061	0.275
σ_{CH}	0.017	-0.077	0.126
σ_{CAf}	-0.047	-0.186	0.020
σ_{CA_s}	0.041	-0.053	0.199
σ_H^2	0.126	0.050	0.374
σ_{HAf}	-0.006	-0.115	0.083
σ_{HA_s}	0.012	-0.106	0.178
σ_{Af}^2	0.112	0.046	0.288
σ_{AfAs}	-0.017	-0.164	0.086
σ_{As}^2	0.162	0.056	0.547

Table 26: Hierarchical Probit Model with Raw (Listwise Deleted, Non-Imputed) Data.

	Median	2.5%ile	97.5%ile
Constant	-1.808	-4.041	0.264
Treated	-1.145	-4.771	2.222
Answer Format	0.014	-0.157	0.185
Female	-0.093	-0.260	0.077
Hispanic	0.373	0.085	0.662
Black	0.408	0.182	0.628
Asian	0.020	-0.396	0.425
Non-English Speaker	0.379	0.111	0.648
Educ \geq College	-0.177	-0.360	0.015
Young Voter	0.215	-0.001	0.434
Old Voter	-0.442	-0.720	-0.173
Treated * Answer Format	-0.213	-0.510	0.088
Treated * Female	-0.089	-0.392	0.217
Treated * Hisp	0.008	-0.535	0.537
Treated * Black	-0.105	-0.478	0.267
Treated * Asian	0.308	-0.382	0.972
Treated * NonEngSpkr	0.111	-0.392	0.601
Treated * CollegePlus	0.324	-0.013	0.645
Treated * Young	-0.064	-0.458	0.317
Treated * Old	0.182	-0.255	0.625
Black % VAP	0.554	-0.042	1.157
Hispanic % VAP	0.274	-1.640	2.205
Asian % VAP	2.121	0.909	3.386
σ_C^2	0.085	0.037	0.184

Table 27: Hierarchical Probit Model with Raw (Listwise Deleted, Non-Imputed) Data.

	Median	2.5%ile	97.5%ile
Constant	-1.803	-4.035	0.310
Treated	-1.036	-4.614	2.484
Answer Format	0.016	-0.162	0.186
Female	-0.089	-0.265	0.085
Hispanic	0.340	-0.012	0.692
Black	0.388	0.104	0.670
Asian	-0.046	-0.566	0.439
Non-English Speaker	0.401	0.143	0.676
Educ \geq College	-0.172	-0.356	0.019
Young Voter	0.200	-0.024	0.420
Old Voter	-0.439	-0.717	-0.178
Treated * Answer Format	-0.219	-0.527	0.078
Treated * Female	-0.104	-0.417	0.193
Treated * Hisp	-0.010	-0.677	0.620
Treated * Black	-0.094	-0.577	0.373
Treated * Asian	0.308	-0.505	1.141
Treated * NonEngSpkr	0.148	-0.359	0.658
Treated * CollegePlus	0.311	-0.020	0.641
Treated * Young	-0.040	-0.439	0.354
Treated * Old	0.176	-0.269	0.617
Black % VAP	0.618	-0.010	1.256
Hispanic % VAP	0.303	-1.731	2.421
Asian % VAP	2.184	0.794	3.539
σ_C^2	0.124	0.059	0.275
σ_{CH}	0.020	-0.070	0.136
σ_{CAf}	-0.043	-0.176	0.023
σ_{CA_s}	0.039	-0.057	0.183
σ_H^2	0.133	0.050	0.426
σ_{HAf}	-0.006	-0.134	0.088
σ_{HA_s}	0.018	-0.096	0.200
σ_{Af}^2	0.110	0.046	0.285
σ_{AfAs}	-0.013	-0.163	0.094
σ_{As}^2	0.160	0.056	0.582

Table 28: Hierarchical Probit Model with Raw (Listwise Deleted, Non-Imputed) Data.

	Median	2.5%ile	97.5%ile
Constant	-1.833	-3.501	-0.201
Treated	-0.161	-0.460	0.121
Answer Format	-0.057	-0.199	0.087
Female	-0.125	-0.267	0.014
Hispanic	0.410	-0.028	0.829
Black	0.456	0.183	0.738
Asian	0.084	-0.483	0.647
Non-English Speaker	0.454	0.060	0.852
Educ \geq College	-0.076	-0.230	0.073
Young Voter	0.178	-0.008	0.355
Old Voter	-0.357	-0.576	-0.154
White Pollster	-0.044	-0.253	0.171
White Pollster * Hispanic	-0.024	-0.538	0.489
White Pollster * Black	-0.084	-0.420	0.238
White Pollster * Asian	0.141	-0.558	0.812
White Pollster * Non-English Speaker	-0.063	-0.549	0.413
σ_C^2	0.124	0.060	0.244

Table 29: Hierarchical Probit Model with Raw (Listwise Deleted, Non-Imputed) Data.

	Median	2.5%ile	97.5%ile
Constant	-1.790	-3.513	-0.167
Treated	-0.164	-0.463	0.146
Answer Format	-0.061	-0.203	0.081
Female	-0.129	-0.272	0.017
Hispanic	0.323	-0.144	0.793
Black	0.486	0.166	0.811
Asian	-0.006	-0.666	0.606
Non-English Speaker	0.500	0.087	0.906
Educ \geq College	-0.079	-0.233	0.077
Young Voter	0.178	-0.009	0.355
Old Voter	-0.357	-0.573	-0.149
White Pollster	-0.025	-0.235	0.205
White Pollster * Hispanic	0.047	-0.483	0.572
White Pollster * Black	-0.128	-0.464	0.224
White Pollster * Asian	0.121	-0.637	0.873
White Pollster * Non-English Speaker	-0.069	-0.544	0.423
σ_C^2	0.163	0.081	0.329
σ_{CH}	0.019	-0.088	0.146
σ_{CAf}	-0.066	-0.215	0.018
σ_{CA_s}	0.046	-0.072	0.224
σ_H^2	0.126	0.051	0.372
σ_{HAf}	-0.007	-0.121	0.092
σ_{HA_s}	0.012	-0.105	0.181
σ_{Af}^2	0.120	0.049	0.308
σ_{AfAs}	-0.023	-0.186	0.087
σ_{As}^2	0.163	0.057	0.582

Table 30: Hierarchical Probit Model with Raw (Listwise Deleted, Non-Imputed) Data.

	Median	2.5%ile	97.5%ile
Constant	-1.427	-3.622	0.559
Treated	-1.182	-4.691	2.374
Answer Format	0.009	-0.163	0.180
Female	-0.092	-0.262	0.075
Hispanic	0.404	-0.053	0.834
Black	0.498	0.168	0.809
Asian	0.015	-0.613	0.597
Non-English Speaker	0.417	-0.027	0.868
Educ \geq College	-0.169	-0.359	0.027
Young Voter	0.203	-0.033	0.421
Old Voter	-0.420	-0.698	-0.166
Treated * Answer Format	-0.220	-0.524	0.077
Treated * Female	-0.100	-0.404	0.205
Treated * Hisp	0.006	-0.531	0.555
Treated * Black	-0.074	-0.441	0.305
Treated * Asian	0.259	-0.440	0.940
Treated * NonEngSpkr	0.120	-0.363	0.602
Treated * CollegePlus	0.288	-0.039	0.632
Treated * Young	-0.054	-0.455	0.339
Treated * Old	0.171	-0.271	0.609
White Pollster	-0.039	-0.270	0.184
White Pollster * Hispanic	-0.019	-0.517	0.495
White Pollster * Black	-0.105	-0.439	0.241
White Pollster * Asian	0.082	-0.574	0.798
White Pollster * Non-English Speaker	-0.059	-0.558	0.441
σ_C^2	0.125	0.061	0.250

Table 31: Hierarchical Probit Model with Raw (Listwise Deleted, Non-Imputed) Data.

	Median	2.5%ile	97.5%ile
Constant	-1.440	-3.633	0.626
Treated	-0.959	-4.520	2.478
Answer Format	0.006	-0.165	0.185
Female	-0.092	-0.269	0.079
Hispanic	0.320	-0.209	0.829
Black	0.521	0.160	0.873
Asian	-0.079	-0.825	0.602
Non-English Speaker	0.433	-0.029	0.896
Educ \geq College	-0.164	-0.358	0.025
Young Voter	0.197	-0.033	0.422
Old Voter	-0.415	-0.692	-0.152
Treated * Answer Format	-0.224	-0.534	0.075
Treated * Female	-0.106	-0.413	0.194
Treated * Hisp	-0.007	-0.638	0.608
Treated * Black	-0.050	-0.520	0.414
Treated * Asian	0.308	-0.528	1.138
Treated * NonEngSpkr	0.151	-0.346	0.657
Treated * CollegePlus	0.283	-0.053	0.625
Treated * Young	-0.039	-0.452	0.338
Treated * Old	0.171	-0.281	0.612
White Pollster	-0.021	-0.231	0.195
White Pollster * Hispanic	0.046	-0.490	0.584
White Pollster * Black	-0.145	-0.493	0.184
White Pollster * Asian	0.054	-0.674	0.806
White Pollster * Non-English Speaker	-0.043	-0.544	0.453
σ_C^2	0.162	0.079	0.337
σ_{CH}	0.026	-0.089	0.161
σ_{CAf}	-0.062	-0.221	0.023
σ_{CA_s}	0.046	-0.074	0.221
σ_H^2	0.138	0.053	0.422
σ_{HAf}	-0.008	-0.130	0.097
σ_{HA_s}	0.015	-0.102	0.212
σ_{Af}^2	0.121	0.048	0.317
σ_{AfAs}	-0.022	-0.179	0.090
σ_{As}^2	0.166	0.057	0.608

Table 32: Hierarchical Probit Model with Raw (Listwise Deleted, Non-Imputed) Data.

	Median	2.5%ile	97.5%ile
Constant	-2.180	-3.876	-0.553
Treated	-0.095	-0.365	0.171
Answer Format	-0.056	-0.194	0.083
Female	-0.121	-0.257	0.023
Hispanic	0.402	-0.027	0.828
Black	0.425	0.133	0.713
Asian	0.056	-0.507	0.592
Non-English Speaker	0.447	0.054	0.836
Educ \geq College	-0.079	-0.235	0.078
Young Voter	0.187	0.007	0.365
Old Voter	-0.372	-0.580	-0.162
Black % VAP	0.460	-0.149	1.056
Hispanic % VAP	0.173	-1.704	2.046
Asian % VAP	1.988	0.769	3.306
White Pollster	-0.046	-0.271	0.161
White Pollster * Hispanic	-0.036	-0.539	0.487
White Pollster * Black	-0.079	-0.411	0.256
White Pollster * Asian	0.115	-0.548	0.793
White Pollster * Non-English Speaker	-0.054	-0.535	0.446
σ_C^2	0.090	0.041	0.196

Table 33: Hierarchical Probit Model with Raw (Listwise Deleted, Non-Imputed) Data.

	Median	2.5%ile	97.5%ile
Constant	-2.110	-3.866	-0.497
Treated	-0.088	-0.380	0.195
Answer Format	-0.060	-0.200	0.082
Female	-0.123	-0.266	0.022
Hispanic	0.320	-0.194	0.793
Black	0.436	0.118	0.764
Asian	-0.029	-0.724	0.580
Non-English Speaker	0.490	0.063	0.907
Educ \geq College	-0.079	-0.228	0.080
Young Voter	0.182	-0.006	0.369
Old Voter	-0.372	-0.584	-0.168
Black % VAP	0.522	-0.065	1.146
Hispanic % VAP	0.247	-1.754	2.388
Asian % VAP	2.075	0.718	3.479
White Pollster	-0.031	-0.252	0.197
White Pollster * Hispanic	0.040	-0.506	0.602
White Pollster * Black	-0.114	-0.453	0.225
White Pollster * Asian	0.137	-0.616	0.891
White Pollster * Non-English Speaker	-0.052	-0.552	0.438
σ_C^2	0.126	0.062	0.265
σ_{CH}	0.019	-0.077	0.126
σ_{CAf}	-0.047	-0.173	0.021
σ_{CA_s}	0.042	-0.054	0.203
σ_H^2	0.127	0.050	0.376
σ_{HAf}	-0.008	-0.116	0.083
σ_{HA_s}	0.015	-0.105	0.181
σ_{Af}^2	0.112	0.048	0.287
σ_{AfAs}	-0.019	-0.175	0.080
σ_{As}^2	0.166	0.059	0.597

Table 34: Hierarchical Probit Model with Raw (Listwise Deleted, Non-Imputed) Data.

	Median	2.5%ile	97.5%ile
Constant	-1.830	-4.070	0.201
Treated	-1.060	-4.721	2.348
Answer Format	0.017	-0.156	0.191
Female	-0.085	-0.253	0.081
Hispanic	0.375	-0.088	0.835
Black	0.469	0.162	0.785
Asian	-0.033	-0.654	0.579
Non-English Speaker	0.420	-0.024	0.861
Educ \geq College	-0.177	-0.363	0.021
Young Voter	0.223	-0.001	0.432
Old Voter	-0.445	-0.718	-0.176
Treated * Answer Format	-0.227	-0.528	0.078
Treated * Female	-0.094	-0.392	0.192
Treated * Hisp	0.017	-0.542	0.553
Treated * Black	-0.110	-0.482	0.262
Treated * Asian	0.307	-0.378	0.970
Treated * NonEngSpkr	0.095	-0.409	0.579
Treated * CollegePlus	0.322	-0.011	0.658
Treated * Young	-0.075	-0.484	0.331
Treated * Old	0.188	-0.234	0.614
Black % VAP	0.551	-0.037	1.168
Hispanic % VAP	0.253	-1.624	2.094
Asian % VAP	2.141	0.900	3.391
White Pollster	-0.045	-0.270	0.176
White Pollster * Hispanic	-0.026	-0.523	0.493
White Pollster * Black	-0.101	-0.427	0.235
White Pollster * Asian	0.064	-0.615	0.749
White Pollster * Non-English Speaker	-0.043	-0.539	0.444
σ_C^2	0.086	0.037	0.187

Table 35: Hierarchical Probit Model with Raw (Listwise Deleted, Non-Imputed) Data.

	Median	2.5%ile	97.5%ile
Constant	-1.827	-4.182	0.253
Treated	-0.877	-4.467	2.557
Answer Format	0.015	-0.162	0.188
Female	-0.085	-0.254	0.090
Hispanic	0.312	-0.237	0.823
Black	0.485	0.119	0.847
Asian	-0.087	-0.783	0.559
Non-English Speaker	0.425	-0.018	0.874
Educ \geq College	-0.164	-0.355	0.030
Young Voter	0.206	-0.021	0.433
Old Voter	-0.435	-0.718	-0.157
Treated * Answer Format	-0.224	-0.531	0.083
Treated * Female	-0.111	-0.418	0.195
Treated * Hisp	-0.001	-0.648	0.631
Treated * Black	-0.088	-0.584	0.387
Treated * Asian	0.297	-0.529	1.119
Treated * NonEngSpkr	0.128	-0.358	0.628
Treated * CollegePlus	0.306	-0.024	0.638
Treated * Young	-0.050	-0.469	0.364
Treated * Old	0.189	-0.285	0.637
Black % VAP	0.611	-0.026	1.240
Hispanic % VAP	0.359	-1.802	2.484
Asian % VAP	2.184	0.778	3.592
White Pollster	-0.030	-0.247	0.197
White Pollster * Hispanic	0.050	-0.487	0.595
White Pollster * Black	-0.147	-0.483	0.197
White Pollster * Asian	0.066	-0.669	0.795
White Pollster * Non-English Speaker	-0.025	-0.519	0.475
σ_C^2	0.124	0.059	0.273
σ_{CH}	0.020	-0.072	0.149
σ_{CAf}	-0.044	-0.178	0.024
σ_{CAs}	0.042	-0.056	0.198
σ_H^2	0.135	0.052	0.432
σ_{HAf}	-0.008	-0.129	0.099
σ_{HAs}	0.020	-0.099	0.214
σ_{Af}^2	0.113	0.047	0.296
σ_{AfAs}	-0.015	-0.174	0.092
σ_{As}^2	0.167	0.057	0.625

Table 36: Hierarchical Probit Model with Raw (Listwise Deleted, Non-Imputed) Data.

	$\hat{\beta}$	Lower 95% Endpoint	Upper 95% Endpoint
Constant	-1.468	-3.298	0.255
Answer Format	-0.064	-0.205	0.077
Female	-0.135	-0.277	0.008
Hispanic	0.390	0.143	0.635
Black	0.386	0.197	0.575
Asian	0.137	-0.196	0.462
Non-English Speaker	0.420	0.194	0.644
Educ \geq College	-0.057	-0.213	0.099
Young Voter	0.121	-0.065	0.305
Old Voter	-0.358	-0.574	-0.148

Table 37: Fixed Effects Probit Estimates with Raw (Listwise Deleted, Non-Imputed) Data.

	$\hat{\beta}$	Lower 95% Endpoint	Upper 95% Endpoint
Constant	-1.401	-3.243	0.338
Answer Format	-0.068	-0.210	0.074
Female	-0.132	-0.275	0.010
White Pollster	-0.051	-0.272	0.173
Hispanic	0.397	-0.030	0.817
Black	0.430	0.138	0.721
Asian	0.052	-0.516	0.597
Non-English Speaker	0.453	0.053	0.852
Educ \geq College	-0.055	-0.211	0.102
Young Voter	0.124	-0.062	0.308
Old Voter	-0.355	-0.572	-0.144
White Pollster * Hispanic	-0.012	-0.524	0.503
White Pollster * Black	-0.071	-0.409	0.266
White Pollster * Asian	0.123	-0.566	0.821
White Pollster * Non-English Speaker	-0.045	-0.529	0.439

Table 38: Fixed Effects Probit Estimates with Raw (Listwise Deleted, Non-Imputed) Data.

	Median	2.5%ile	97.5%ile
Constant	-0.406	-2.261	1.265
Treated	-0.089	-0.212	0.034
Answer Format	-0.022	-0.124	0.077
Female	-0.088	-0.181	0.005
Hispanic	0.343	0.182	0.516
Black	0.284	0.153	0.408
Asian	0.159	-0.070	0.371
Non-English Speaker	0.275	0.095	0.446
Educ \geq College	-0.139	-0.272	-0.028
Young Voter	0.090	-0.048	0.236
Old Voter	-0.090	-0.221	0.036
σ_C^2	0.019	0.011	0.033

Table 39: Hierarchical Probit Model with Imputed Data

	Median	2.5%ile	97.5%ile
Constant	-0.402	-2.266	1.277
Treated	-0.092	-0.225	0.039
Answer Format	-0.020	-0.124	0.079
Female	-0.089	-0.180	0.004
Hispanic	0.339	0.146	0.540
Black	0.279	0.120	0.428
Asian	0.148	-0.122	0.402
Non-English Speaker	0.276	0.093	0.450
Educ \geq College	-0.141	-0.274	-0.029
Young Voter	0.094	-0.046	0.241
Old Voter	-0.088	-0.218	0.039
σ_C^2	0.033	0.020	0.058
σ_{CH}	-0.005	-0.030	0.015
σ_{CAf}	-0.009	-0.033	0.007
σ_{CA_s}	-0.003	-0.033	0.021
σ_H^2	0.068	0.034	0.143
σ_{HAf}	0.002	-0.029	0.037
σ_{HA_s}	-0.001	-0.049	0.047
σ_{Af}^2	0.052	0.028	0.101
σ_{AfAs}	0.004	-0.032	0.046
σ_{As}^2	0.087	0.040	0.206

Table 40: Hierarchical Probit Model with Imputed Data

	Median	2.5%ile	97.5%ile
Constant	-0.334	-2.914	1.675
Treated	-0.373	-3.276	2.909
Answer Format	0.012	-0.135	0.132
Female	-0.053	-0.162	0.058
Hispanic	0.339	0.142	0.549
Black	0.269	0.126	0.434
Asian	0.146	-0.149	0.411
Non-English Speaker	0.234	0.007	0.422
Educ \geq College	-0.156	-0.333	-0.018
Young Voter	0.115	-0.041	0.292
Old Voter	-0.126	-0.295	0.020
Treated * Answer Format	-0.090	-0.351	0.144
Treated * Female	-0.108	-0.312	0.099
Treated * Hisp	0.009	-0.352	0.362
Treated * Black	0.035	-0.219	0.333
Treated * Asian	0.036	-0.485	0.545
Treated * NonEngSpkr	0.165	-0.260	0.520
Treated * CollegePlus	0.065	-0.182	0.300
Treated * Young	-0.104	-0.393	0.192
Treated * Old	0.114	-0.211	0.372
σ_C^2	0.019	0.011	0.033

Table 41: Hierarchical Probit Model with Imputed Data

	Median	2.5%ile	97.5%ile
Constant	-0.311	-2.889	1.735
Treated	-0.428	-3.362	2.879
Answer Format	0.012	-0.134	0.133
Female	-0.054	-0.164	0.059
Hispanic	0.349	0.121	0.590
Black	0.266	0.092	0.449
Asian	0.150	-0.195	0.480
Non-English Speaker	0.233	0.004	0.421
Educ \geq College	-0.160	-0.335	-0.020
Young Voter	0.121	-0.040	0.298
Old Voter	-0.124	-0.293	0.024
Treated * Answer Format	-0.084	-0.347	0.150
Treated * Female	-0.109	-0.310	0.097
Treated * Hisp	-0.043	-0.439	0.345
Treated * Black	0.037	-0.256	0.384
Treated * Asian	-0.006	-0.633	0.595
Treated * NonEngSpkr	0.169	-0.261	0.531
Treated * CollegePlus	0.073	-0.178	0.306
Treated * Young	-0.111	-0.402	0.182
Treated * Old	0.115	-0.214	0.368
σ_C^2	0.033	0.020	0.059
σ_{CH}	-0.005	-0.030	0.015
σ_{CAf}	-0.009	-0.033	0.007
σ_{CA_s}	-0.003	-0.032	0.021
σ_H^2	0.068	0.035	0.144
σ_{HAf}	0.002	-0.029	0.037
σ_{HA_s}	-0.001	-0.050	0.048
σ_{Af}^2	0.053	0.029	0.104
σ_{AfAs}	0.004	-0.032	0.048
σ_{As}^2	0.088	0.040	0.209

Table 42: Hierarchical Probit Model with Imputed Data

	Median	2.5%ile	97.5%ile
Constant	-0.484	-2.357	1.318
Treated	-0.051	-0.185	0.082
Answer Format	-0.022	-0.126	0.078
Female	-0.084	-0.177	0.011
Hispanic	0.332	0.163	0.498
Black	0.256	0.103	0.388
Asian	0.082	-0.150	0.291
Non-English Speaker	0.272	0.095	0.443
Educ \geq College	-0.139	-0.273	-0.027
Young Voter	0.089	-0.052	0.235
Old Voter	-0.091	-0.221	0.034
Black % VAP	0.178	-0.153	0.527
Hispanic % VAP	0.428	-0.606	1.361
Asian % VAP	0.823	0.259	1.382
σ_C^2	0.019	0.011	0.034

Table 43: Hierarchical Probit Model with Imputed Data

	Median	2.5%ile	97.5%ile
Constant	-0.493	-2.389	1.308
Treated	-0.056	-0.197	0.085
Answer Format	-0.021	-0.123	0.079
Female	-0.084	-0.177	0.010
Hispanic	0.324	0.127	0.518
Black	0.240	0.066	0.402
Asian	0.067	-0.205	0.321
Non-English Speaker	0.274	0.094	0.447
Educ \geq College	-0.141	-0.277	-0.029
Young Voter	0.093	-0.051	0.240
Old Voter	-0.090	-0.222	0.038
Black % VAP	0.191	-0.168	0.572
Hispanic % VAP	0.444	-0.640	1.452
Asian % VAP	0.826	0.214	1.440
σ_C^2	0.033	0.020	0.058
σ_{CH}	-0.005	-0.031	0.015
σ_{CAf}	-0.009	-0.034	0.007
σ_{CA_s}	-0.003	-0.033	0.022
σ_H^2	0.068	0.034	0.144
σ_{HAf}	0.003	-0.029	0.038
σ_{HA_s}	-0.000	-0.050	0.050
σ_{Af}^2	0.053	0.029	0.105
σ_{AfAs}	0.004	-0.033	0.049
σ_{As}^2	0.088	0.041	0.212

Table 44: Hierarchical Probit Model with Imputed Data

	Median	2.5%ile	97.5%ile
Constant	-0.373	-3.022	1.692
Treated	-0.352	-3.245	2.945
Answer Format	0.012	-0.136	0.131
Female	-0.047	-0.156	0.066
Hispanic	0.329	0.125	0.529
Black	0.253	0.085	0.406
Asian	0.043	-0.246	0.310
Non-English Speaker	0.237	0.011	0.423
Educ \geq College	-0.159	-0.336	-0.021
Young Voter	0.115	-0.043	0.295
Old Voter	-0.124	-0.294	0.022
Treated * Answer Format	-0.091	-0.351	0.144
Treated * Female	-0.113	-0.314	0.095
Treated * Hisp	0.001	-0.357	0.359
Treated * Black	-0.002	-0.277	0.326
Treated * Asian	0.104	-0.422	0.609
Treated * NonEngSpkr	0.149	-0.275	0.507
Treated * CollegePlus	0.077	-0.174	0.309
Treated * Young	-0.102	-0.394	0.196
Treated * Old	0.108	-0.228	0.370
Black % VAP	0.199	-0.140	0.568
Hispanic % VAP	0.384	-0.644	1.358
Asian % VAP	0.844	0.278	1.426
σ_C^2	0.019	0.011	0.034

Table 45: Hierarchical Probit Model with Imputed Data

	Median	2.5%ile	97.5%ile
Constant	-0.349	-2.984	1.740
Treated	-0.416	-3.337	2.908
Answer Format	0.014	-0.137	0.135
Female	-0.048	-0.158	0.065
Hispanic	0.333	0.096	0.568
Black	0.239	0.050	0.419
Asian	0.037	-0.303	0.367
Non-English Speaker	0.236	0.009	0.427
Educ \geq College	-0.164	-0.340	-0.024
Young Voter	0.121	-0.041	0.295
Old Voter	-0.123	-0.295	0.026
Treated * Answer Format	-0.087	-0.353	0.151
Treated * Female	-0.115	-0.315	0.091
Treated * Hisp	-0.045	-0.446	0.348
Treated * Black	-0.008	-0.310	0.374
Treated * Asian	0.082	-0.555	0.675
Treated * NonEngSpkr	0.155	-0.271	0.518
Treated * CollegePlus	0.084	-0.166	0.315
Treated * Young	-0.110	-0.402	0.184
Treated * Old	0.108	-0.233	0.368
Black % VAP	0.218	-0.150	0.615
Hispanic % VAP	0.395	-0.682	1.457
Asian % VAP	0.847	0.233	1.485
σ_C^2	0.033	0.020	0.059
σ_{CH}	-0.005	-0.031	0.015
σ_{CAf}	-0.009	-0.034	0.007
σ_{CAs}	-0.003	-0.033	0.022
σ_H^2	0.068	0.034	0.144
σ_{HAf}	0.003	-0.029	0.038
σ_{HAs}	0.000	-0.049	0.050
σ_{Af}^2	0.054	0.029	0.107
σ_{AfAs}	0.005	-0.033	0.049
σ_{As}^2	0.089	0.041	0.216

Table 46: Hierarchical Probit Model with Imputed Data

	Median	2.5%ile	97.5%ile
Constant	-0.369	-2.218	1.283
Treated	-0.089	-0.213	0.033
Answer Format	-0.022	-0.121	0.078
Female	-0.089	-0.181	0.006
Hispanic	0.361	0.062	0.643
Black	0.308	0.080	0.502
Asian	0.038	-0.371	0.451
Non-English Speaker	0.271	-0.040	0.575
Educ \geq College	-0.140	-0.274	-0.028
Young Voter	0.091	-0.046	0.236
Old Voter	-0.090	-0.224	0.037
White Pollster	0.001	-0.149	0.173
White Pollster * Hispanic	-0.027	-0.348	0.316
White Pollster * Black	-0.026	-0.293	0.222
White Pollster * Asian	0.175	-0.310	0.687
White Pollster * Non-English Speaker	0.017	-0.357	0.355
σ_C^2	0.019	0.011	0.033

Table 47: Hierarchical Probit Model with Imputed Data

	Median	2.5%ile	97.5%ile
Constant	-0.369	-2.209	1.309
Treated	-0.093	-0.224	0.037
Answer Format	-0.020	-0.120	0.080
Female	-0.090	-0.181	0.003
Hispanic	0.364	0.036	0.674
Black	0.306	0.048	0.527
Asian	0.029	-0.405	0.468
Non-English Speaker	0.272	-0.047	0.580
Educ \geq College	-0.142	-0.275	-0.030
Young Voter	0.095	-0.047	0.243
Old Voter	-0.088	-0.220	0.037
White Pollster	0.003	-0.150	0.176
White Pollster * Hispanic	-0.037	-0.371	0.317
White Pollster * Black	-0.033	-0.303	0.227
White Pollster * Asian	0.175	-0.328	0.697
White Pollster * Non-English Speaker	0.020	-0.356	0.360
σ_C^2	0.033	0.020	0.058
σ_{CH}	-0.005	-0.030	0.015
σ_{CAf}	-0.009	-0.033	0.007
σ_{CA_s}	-0.003	-0.032	0.021
σ_H^2	0.068	0.034	0.145
σ_{HAf}	0.002	-0.029	0.036
σ_{HA_s}	-0.000	-0.049	0.049
σ_{Af}^2	0.052	0.028	0.103
σ_{AfAs}	0.004	-0.032	0.047
σ_{As}^2	0.087	0.040	0.203

Table 48: Hierarchical Probit Model with Imputed Data

	Median	2.5%ile	97.5%ile
Constant	-0.292	-2.906	1.705
Treated	-0.366	-3.293	2.942
Answer Format	0.012	-0.136	0.131
Female	-0.053	-0.164	0.059
Hispanic	0.355	0.031	0.669
Black	0.293	0.053	0.520
Asian	0.012	-0.432	0.467
Non-English Speaker	0.231	-0.095	0.567
Educ \geq College	-0.157	-0.335	-0.019
Young Voter	0.116	-0.043	0.297
Old Voter	-0.125	-0.297	0.020
Treated * Answer Format	-0.090	-0.352	0.145
Treated * Female	-0.107	-0.308	0.099
Treated * Hisp	0.011	-0.347	0.360
Treated * Black	0.039	-0.220	0.332
Treated * Asian	0.030	-0.493	0.539
Treated * NonEngSpkr	0.167	-0.266	0.525
Treated * CollegePlus	0.067	-0.178	0.304
Treated * Young	-0.104	-0.398	0.191
Treated * Old	0.117	-0.209	0.371
White Pollster	-0.002	-0.152	0.170
White Pollster * Hispanic	-0.025	-0.349	0.311
White Pollster * Black	-0.026	-0.304	0.226
White Pollster * Asian	0.188	-0.306	0.704
White Pollster * Non-English Speaker	0.006	-0.368	0.346
σ_C^2	0.019	0.011	0.033

Table 49: Hierarchical Probit Model with Imputed Data

	Median	2.5%ile	97.5%ile
Constant	-0.506	-2.201	1.011
Treated	0.022	-1.889	1.977
Answer Format	0.012	-0.135	0.133
Female	-0.054	-0.165	0.059
Hispanic	0.370	0.015	0.707
Black	0.291	0.034	0.539
Asian	0.026	-0.451	0.505
Non-English Speaker	0.229	-0.102	0.563
Educ \geq College	-0.161	-0.339	-0.022
Young Voter	0.123	-0.039	0.302
Old Voter	-0.125	-0.296	0.024
Treated * Answer Format	-0.086	-0.350	0.156
Treated * Female	-0.107	-0.311	0.096
Treated * Hisp	-0.035	-0.437	0.350
Treated * Black	0.040	-0.252	0.386
Treated * Asian	-0.013	-0.633	0.588
Treated * NonEngSpkr	0.175	-0.265	0.534
Treated * CollegePlus	0.074	-0.171	0.308
Treated * Young	-0.112	-0.406	0.185
Treated * Old	0.122	-0.210	0.376
White Pollster	0.001	-0.152	0.171
White Pollster * Hispanic	-0.033	-0.366	0.317
White Pollster * Black	-0.034	-0.311	0.230
White Pollster * Asian	0.184	-0.321	0.709
White Pollster * Non-English Speaker	0.009	-0.367	0.351
σ_C^2	0.033	0.020	0.058
σ_{CH}	-0.005	-0.031	0.015
σ_{CAf}	-0.009	-0.033	0.007
σ_{CAs}	-0.004	-0.033	0.021
σ_H^2	0.068	0.034	0.145
σ_{HAf}	0.003	-0.029	0.037
σ_{HAs}	-0.000	-0.050	0.050
σ_{Af}^2	0.053	0.029	0.103
σ_{AfAs}	0.004	-0.033	0.047
σ_{As}^2	0.088	0.040	0.210

Table 50: Hierarchical Probit Model with Imputed Data

	Median	2.5%ile	97.5%ile
Constant	-0.452	-2.355	1.332
Treated	-0.052	-0.186	0.080
Answer Format	-0.023	-0.123	0.077
Female	-0.084	-0.176	0.010
Hispanic	0.346	0.044	0.630
Black	0.276	0.058	0.474
Asian	-0.017	-0.426	0.392
Non-English Speaker	0.262	-0.047	0.572
Educ \geq College	-0.140	-0.276	-0.028
Young Voter	0.090	-0.051	0.237
Old Voter	-0.092	-0.223	0.036
Black % VAP	0.180	-0.154	0.526
Hispanic % VAP	0.448	-0.611	1.374
Asian % VAP	0.811	0.250	1.375
White Pollster	0.000	-0.149	0.172
White Pollster * Hispanic	-0.024	-0.347	0.318
White Pollster * Black	-0.030	-0.296	0.222
White Pollster * Asian	0.144	-0.349	0.657
White Pollster * Non-English Speaker	0.024	-0.355	0.360
σ_C^2	0.019	0.011	0.034

Table 51: Hierarchical Probit Model with Imputed Data

	Median	2.5%ile	97.5%ile
Constant	-0.445	-2.367	1.337
Treated	-0.056	-0.198	0.082
Answer Format	-0.021	-0.121	0.080
Female	-0.085	-0.177	0.010
Hispanic	0.344	0.012	0.646
Black	0.267	0.025	0.481
Asian	-0.031	-0.473	0.410
Non-English Speaker	0.266	-0.050	0.574
Educ \geq College	-0.142	-0.279	-0.029
Young Voter	0.094	-0.050	0.243
Old Voter	-0.089	-0.221	0.040
Black % VAP	0.195	-0.171	0.580
Hispanic % VAP	0.461	-0.627	1.463
Asian % VAP	0.825	0.200	1.450
White Pollster	0.005	-0.149	0.176
White Pollster * Hispanic	-0.031	-0.366	0.323
White Pollster * Black	-0.037	-0.302	0.227
White Pollster * Asian	0.142	-0.368	0.674
White Pollster * Non-English Speaker	0.025	-0.354	0.366
σ_C^2	0.033	0.020	0.059
σ_{CH}	-0.005	-0.031	0.015
σ_{CAf}	-0.009	-0.033	0.007
σ_{CA_s}	-0.003	-0.033	0.022
σ_H^2	0.069	0.034	0.146
σ_{HAf}	0.003	-0.028	0.038
σ_{HA_s}	0.000	-0.049	0.051
σ_{Af}^2	0.053	0.029	0.104
σ_{AfAs}	0.004	-0.033	0.048
σ_{As}^2	0.089	0.041	0.211

Table 52: Hierarchical Probit Model with Imputed Data

	Median	2.5%ile	97.5%ile
Constant	-0.335	-2.998	1.713
Treated	-0.342	-3.248	2.977
Answer Format	0.013	-0.136	0.132
Female	-0.049	-0.158	0.064
Hispanic	0.341	0.005	0.650
Black	0.272	0.042	0.488
Asian	-0.063	-0.514	0.387
Non-English Speaker	0.230	-0.097	0.566
Educ \geq College	-0.161	-0.337	-0.022
Young Voter	0.115	-0.044	0.295
Old Voter	-0.124	-0.296	0.022
Treated * Answer Format	-0.093	-0.359	0.144
Treated * Female	-0.112	-0.314	0.095
Treated * Hisp	0.003	-0.353	0.358
Treated * Black	-0.001	-0.276	0.322
Treated * Asian	0.099	-0.434	0.612
Treated * NonEngSpkr	0.153	-0.273	0.514
Treated * CollegePlus	0.078	-0.169	0.310
Treated * Young	-0.102	-0.393	0.192
Treated * Old	0.112	-0.230	0.370
Black % VAP	0.198	-0.141	0.570
Hispanic % VAP	0.402	-0.647	1.377
Asian % VAP	0.835	0.265	1.426
White Pollster	-0.003	-0.155	0.168
White Pollster * Hispanic	-0.019	-0.348	0.321
White Pollster * Black	-0.027	-0.302	0.224
White Pollster * Asian	0.153	-0.345	0.676
White Pollster * Non-English Speaker	0.012	-0.365	0.347
σ_C^2	0.019	0.011	0.034

Table 53: Hierarchical Probit Model with Imputed Data

	Median	2.5%ile	97.5%ile
Constant	-0.339	-2.973	1.752
Treated	-0.390	-3.291	2.960
Answer Format	0.013	-0.136	0.133
Female	-0.048	-0.158	0.064
Hispanic	0.351	-0.009	0.687
Black	0.264	0.014	0.502
Asian	-0.055	-0.538	0.433
Non-English Speaker	0.229	-0.105	0.561
Educ \geq College	-0.165	-0.343	-0.025
Young Voter	0.122	-0.040	0.303
Old Voter	-0.124	-0.295	0.024
Treated * Answer Format	-0.088	-0.353	0.156
Treated * Female	-0.116	-0.317	0.091
Treated * Hisp	-0.047	-0.440	0.340
Treated * Black	-0.005	-0.315	0.375
Treated * Asian	0.068	-0.569	0.670
Treated * NonEngSpkr	0.160	-0.272	0.524
Treated * CollegePlus	0.086	-0.166	0.317
Treated * Young	-0.110	-0.405	0.184
Treated * Old	0.114	-0.228	0.371
Black % VAP	0.218	-0.154	0.619
Hispanic % VAP	0.408	-0.673	1.464
Asian % VAP	0.843	0.216	1.482
White Pollster	0.000	-0.155	0.174
White Pollster * Hispanic	-0.027	-0.362	0.321
White Pollster * Black	-0.035	-0.312	0.232
White Pollster * Asian	0.143	-0.376	0.683
White Pollster * Non-English Speaker	0.013	-0.361	0.360
σ_C^2	0.033	0.020	0.059
σ_{CH}	-0.005	-0.031	0.015
σ_{CAf}	-0.009	-0.034	0.007
σ_{CA_s}	-0.003	-0.033	0.022
σ_H^2	0.068	0.035	0.146
σ_{HAf}	0.003	-0.029	0.038
σ_{HA_s}	0.001	-0.049	0.052
σ_{Af}^2	0.054	0.029	0.106
σ_{AfAs}	0.005	-0.033	0.049
σ_{As}^2	0.090	0.040	0.215

Table 54: Hierarchical Probit Model with Imputed Data

	$\hat{\beta}$	Lower 95% Endpoint	Upper 95% Endpoint
Constant	-0.213	-2.193	1.767
pink	-0.023	-0.128	0.082
Female	-0.103	-0.200	-0.007
Hispanic	0.333	0.164	0.502
Black	0.250	0.096	0.403
Asian	0.085	-0.139	0.310
Non-English Speaker	0.282	0.102	0.462
Educ \geq College	-0.124	-0.263	0.015
Young Voter	0.041	-0.109	0.191
Old Voter	-0.088	-0.221	0.044

Table 55: Fixed Effects Probit Estimates with Imputed Data

	$\hat{\beta}$	Lower 95% Endpoint	Upper 95% Endpont
Constant	-0.178	-2.156	1.800
pink	-0.023	-0.127	0.081
Female	-0.104	-0.200	-0.007
White Pollster	-0.004	-0.170	0.162
Hispanic	0.348	0.050	0.647
Black	0.272	0.052	0.492
Asian	-0.003	-0.432	0.425
Non-English Speaker	0.274	-0.041	0.588
Educ \geq College	-0.124	-0.263	0.015
Young Voter	0.041	-0.110	0.193
Old Voter	-0.088	-0.220	0.045
White Pollster * Hispanic	-0.026	-0.372	0.321
White Pollster * Black	-0.034	-0.310	0.242
White Pollster * Asian	0.134	-0.394	0.662
White Pollster * Non-English Speaker	0.018	-0.344	0.380

Table 56: Fixed Effects Probit Estimates with Imputed Data

	Median	2.5%ile	97.5%ile
Constant	-0.412	-2.254	1.318
Treated	-0.080	-0.219	0.059
Answer Format	-0.019	-0.134	0.103
Female	-0.100	-0.206	0.003
Hispanic	0.358	0.186	0.543
Black	0.308	0.174	0.445
Asian	0.184	-0.051	0.405
Non-English Speaker	0.260	0.042	0.437
Educ \geq College	-0.169	-0.309	-0.040
Young Voter	0.149	0.005	0.310
Old Voter	-0.089	-0.225	0.045
σ_C^2	0.021	0.012	0.039

Table 57: Hierarchical Probit Model with Imputed Data. Polling locations with Obama voteshare outside 95% CI have been dropped.

	Median	2.5%ile	97.5%ile
Constant	-0.436	-2.313	1.290
Treated	-0.072	-0.225	0.075
Answer Format	-0.018	-0.134	0.105
Female	-0.102	-0.207	0.003
Hispanic	0.355	0.149	0.564
Black	0.307	0.144	0.487
Asian	0.176	-0.134	0.458
Non-English Speaker	0.263	0.045	0.443
Educ \geq College	-0.169	-0.309	-0.039
Young Voter	0.148	0.001	0.312
Old Voter	-0.087	-0.224	0.047
σ_C^2	0.037	0.021	0.067
σ_{CH}	-0.006	-0.035	0.017
σ_{CAf}	-0.009	-0.036	0.011
σ_{CA_s}	-0.006	-0.041	0.022
σ_H^2	0.070	0.035	0.153
σ_{HAf}	0.003	-0.032	0.042
σ_{HA_s}	0.000	-0.054	0.055
σ_{Af}^2	0.059	0.030	0.121
σ_{AfAs}	0.004	-0.039	0.054
σ_{As}^2	0.095	0.042	0.238

Table 58: Hierarchical Probit Model with Imputed Data. Polling locations with Obama voteshare outside 95% CI have been dropped.

	Median	2.5%ile	97.5%ile
Constant	-0.423	-2.971	1.609
Treated	-0.099	-3.575	3.396
Answer Format	0.015	-0.150	0.152
Female	-0.071	-0.188	0.050
Hispanic	0.347	0.156	0.550
Black	0.271	0.118	0.431
Asian	0.157	-0.142	0.439
Non-English Speaker	0.217	-0.024	0.408
Educ \geq College	-0.193	-0.372	-0.045
Young Voter	0.175	0.004	0.364
Old Voter	-0.128	-0.299	0.034
Treated * Answer Format	-0.095	-0.404	0.195
Treated * Female	-0.109	-0.347	0.137
Treated * Hisp	0.014	-0.388	0.412
Treated * Black	0.148	-0.172	0.512
Treated * Asian	0.070	-0.475	0.616
Treated * NonEngSpkr	0.203	-0.294	0.612
Treated * CollegePlus	0.106	-0.170	0.368
Treated * Young	-0.135	-0.472	0.198
Treated * Old	0.139	-0.184	0.453
σ_C^2	0.021	0.012	0.038

Table 59: Hierarchical Probit Model with Imputed Data. Polling locations with Obama voteshare outside 95% CI have been dropped.

	Median	2.5%ile	97.5%ile
Constant	-0.419	-2.978	1.654
Treated	-0.185	-3.678	3.382
Answer Format	0.016	-0.149	0.152
Female	-0.072	-0.190	0.050
Hispanic	0.354	0.126	0.586
Black	0.263	0.076	0.454
Asian	0.153	-0.239	0.505
Non-English Speaker	0.221	-0.021	0.414
Educ \geq College	-0.192	-0.370	-0.046
Young Voter	0.174	0.002	0.363
Old Voter	-0.126	-0.299	0.036
Treated * Answer Format	-0.091	-0.399	0.202
Treated * Female	-0.111	-0.348	0.138
Treated * Hisp	-0.025	-0.467	0.421
Treated * Black	0.188	-0.169	0.618
Treated * Asian	0.069	-0.584	0.732
Treated * NonEngSpkr	0.199	-0.304	0.614
Treated * CollegePlus	0.108	-0.174	0.370
Treated * Young	-0.136	-0.471	0.200
Treated * Old	0.139	-0.185	0.453
σ_C^2	0.036	0.021	0.067
σ_{CH}	-0.006	-0.036	0.017
σ_{CAf}	-0.009	-0.037	0.011
σ_{CA_s}	-0.005	-0.042	0.023
σ_H^2	0.071	0.035	0.154
σ_{HAf}	0.003	-0.033	0.044
σ_{HA_s}	0.000	-0.054	0.057
σ_{Af}^2	0.060	0.031	0.124
σ_{AfAs}	0.004	-0.040	0.057
σ_{As}^2	0.098	0.043	0.243

Table 60: Hierarchical Probit Model with Imputed Data. Polling locations with Obama voteshare outside 95% CI have been dropped.

	Median	2.5%ile	97.5%ile
Constant	-0.416	-2.346	1.399
Treated	-0.053	-0.195	0.090
Answer Format	-0.021	-0.136	0.103
Female	-0.095	-0.201	0.009
Hispanic	0.350	0.174	0.538
Black	0.282	0.129	0.430
Asian	0.097	-0.128	0.318
Non-English Speaker	0.261	0.044	0.436
Educ \geq College	-0.167	-0.310	-0.037
Young Voter	0.146	0.001	0.308
Old Voter	-0.091	-0.229	0.044
Black % VAP	0.186	-0.176	0.558
Hispanic % VAP	0.257	-0.870	1.420
Asian % VAP	0.794	0.192	1.411
σ_C^2	0.021	0.012	0.039

Table 61: Hierarchical Probit Model with Imputed Data. Polling locations with Obama voteshare outside 95% CI have been dropped.

	Median	2.5%ile	97.5%ile
Constant	-0.449	-2.393	1.357
Treated	-0.044	-0.195	0.106
Answer Format	-0.018	-0.134	0.107
Female	-0.096	-0.202	0.010
Hispanic	0.345	0.136	0.555
Black	0.274	0.095	0.462
Asian	0.078	-0.222	0.353
Non-English Speaker	0.264	0.047	0.441
Educ \geq College	-0.166	-0.310	-0.036
Young Voter	0.146	-0.003	0.309
Old Voter	-0.090	-0.227	0.045
Black % VAP	0.217	-0.181	0.621
Hispanic % VAP	0.243	-0.941	1.470
Asian % VAP	0.829	0.157	1.506
σ_C^2	0.037	0.022	0.066
σ_{CH}	-0.006	-0.035	0.017
σ_{CAf}	-0.009	-0.037	0.011
σ_{CA_s}	-0.005	-0.041	0.024
σ_H^2	0.070	0.035	0.153
σ_{HAf}	0.003	-0.032	0.043
σ_{HA_s}	0.001	-0.052	0.057
σ_{Af}^2	0.059	0.031	0.123
σ_{AfAs}	0.005	-0.039	0.058
σ_{As}^2	0.098	0.043	0.245

Table 62: Hierarchical Probit Model with Imputed Data. Polling locations with Obama voteshare outside 95% CI have been dropped.

	Median	2.5%ile	97.5%ile
Constant	-0.449	-3.119	1.577
Treated	0.015	-3.385	3.545
Answer Format	0.016	-0.149	0.153
Female	-0.064	-0.182	0.057
Hispanic	0.342	0.146	0.543
Black	0.253	0.087	0.416
Asian	0.050	-0.243	0.335
Non-English Speaker	0.222	-0.020	0.413
Educ \geq College	-0.195	-0.375	-0.047
Young Voter	0.174	0.004	0.364
Old Voter	-0.129	-0.301	0.033
Treated * Answer Format	-0.098	-0.407	0.197
Treated * Female	-0.117	-0.349	0.130
Treated * Hisp	0.006	-0.392	0.404
Treated * Black	0.114	-0.214	0.495
Treated * Asian	0.137	-0.408	0.693
Treated * NonEngSpkr	0.184	-0.302	0.592
Treated * CollegePlus	0.121	-0.160	0.381
Treated * Young	-0.133	-0.472	0.199
Treated * Old	0.132	-0.191	0.447
Black % VAP	0.201	-0.172	0.581
Hispanic % VAP	0.263	-0.873	1.404
Asian % VAP	0.799	0.189	1.439
σ_C^2	0.021	0.012	0.039

Table 63: Hierarchical Probit Model with Imputed Data. Polling locations with Obama voteshare outside 95% CI have been dropped.

	Median	2.5%ile	97.5%ile
Constant	-0.429	-3.102	1.632
Treated	-0.059	-3.504	3.456
Answer Format	0.017	-0.149	0.153
Female	-0.065	-0.184	0.059
Hispanic	0.344	0.112	0.578
Black	0.238	0.040	0.437
Asian	0.033	-0.347	0.387
Non-English Speaker	0.226	-0.019	0.418
Educ \geq College	-0.195	-0.377	-0.045
Young Voter	0.173	0.001	0.362
Old Voter	-0.129	-0.304	0.034
Treated * Answer Format	-0.095	-0.402	0.200
Treated * Female	-0.116	-0.354	0.134
Treated * Hisp	-0.025	-0.471	0.416
Treated * Black	0.157	-0.209	0.600
Treated * Asian	0.148	-0.517	0.809
Treated * NonEngSpkr	0.182	-0.315	0.597
Treated * CollegePlus	0.123	-0.164	0.385
Treated * Young	-0.128	-0.465	0.211
Treated * Old	0.133	-0.190	0.454
Black % VAP	0.218	-0.196	0.640
Hispanic % VAP	0.229	-0.946	1.461
Asian % VAP	0.827	0.136	1.540
σ_C^2	0.036	0.021	0.067
σ_{CH}	-0.006	-0.036	0.017
σ_{CAf}	-0.009	-0.037	0.011
σ_{CA_s}	-0.005	-0.042	0.024
σ_H^2	0.071	0.035	0.156
σ_{HAf}	0.003	-0.033	0.045
σ_{HA_s}	0.001	-0.055	0.058
σ_{Af}^2	0.061	0.032	0.126
σ_{AfAs}	0.005	-0.040	0.059
σ_{As}^2	0.099	0.043	0.252

Table 64: Hierarchical Probit Model with Imputed Data. Polling locations with Obama voteshare outside 95% CI have been dropped.

	Median	2.5%ile	97.5%ile
Constant	-0.349	-2.248	1.408
Treated	-0.080	-0.220	0.058
Answer Format	-0.019	-0.132	0.102
Female	-0.101	-0.206	0.002
Hispanic	0.397	0.088	0.690
Black	0.321	0.063	0.540
Asian	0.081	-0.354	0.505
Non-English Speaker	0.207	-0.139	0.539
Educ \geq College	-0.171	-0.312	-0.040
Young Voter	0.150	0.004	0.314
Old Voter	-0.089	-0.224	0.046
White Pollster	-0.006	-0.173	0.174
White Pollster * Hispanic	-0.061	-0.413	0.311
White Pollster * Black	-0.009	-0.315	0.268
White Pollster * Asian	0.161	-0.351	0.704
White Pollster * Non-English Speaker	0.088	-0.335	0.476
σ_C^2	0.021	0.012	0.038

Table 65: Hierarchical Probit Model with Imputed Data. Polling locations with Obama voteshare outside 95% CI have been dropped.

	Median	2.5%ile	97.5%ile
Constant	-0.389	-2.296	1.356
Treated	-0.072	-0.224	0.078
Answer Format	-0.017	-0.134	0.106
Female	-0.103	-0.208	0.001
Hispanic	0.401	0.064	0.726
Black	0.323	0.048	0.574
Asian	0.083	-0.408	0.537
Non-English Speaker	0.216	-0.140	0.544
Educ \geq College	-0.170	-0.311	-0.040
Young Voter	0.150	0.002	0.313
Old Voter	-0.087	-0.226	0.046
White Pollster	-0.003	-0.173	0.178
White Pollster * Hispanic	-0.070	-0.437	0.313
White Pollster * Black	-0.014	-0.319	0.270
White Pollster * Asian	0.147	-0.382	0.732
White Pollster * Non-English Speaker	0.081	-0.348	0.476
σ_C^2	0.036	0.021	0.067
σ_{CH}	-0.006	-0.036	0.017
σ_{CAf}	-0.009	-0.037	0.011
σ_{CA_s}	-0.006	-0.042	0.022
σ_H^2	0.071	0.035	0.156
σ_{HAf}	0.003	-0.033	0.043
σ_{HA_s}	0.001	-0.053	0.055
σ_{Af}^2	0.059	0.031	0.122
σ_{AfAs}	0.004	-0.039	0.054
σ_{As}^2	0.095	0.042	0.237

Table 66: Hierarchical Probit Model with Imputed Data. Polling locations with Obama voteshare outside 95% CI have been dropped.

	Median	2.5%ile	97.5%ile
Constant	-0.370	-2.957	1.673
Treated	-0.080	-3.550	3.420
Answer Format	0.015	-0.149	0.149
Female	-0.072	-0.189	0.049
Hispanic	0.384	0.053	0.699
Black	0.280	0.008	0.524
Asian	0.038	-0.452	0.515
Non-English Speaker	0.169	-0.183	0.524
Educ \geq College	-0.194	-0.374	-0.046
Young Voter	0.175	0.005	0.367
Old Voter	-0.129	-0.302	0.035
Treated * Answer Format	-0.092	-0.401	0.202
Treated * Female	-0.109	-0.346	0.140
Treated * Hisp	0.012	-0.394	0.410
Treated * Black	0.153	-0.174	0.512
Treated * Asian	0.080	-0.467	0.626
Treated * NonEngSpkr	0.207	-0.294	0.616
Treated * CollegePlus	0.106	-0.170	0.372
Treated * Young	-0.132	-0.469	0.197
Treated * Old	0.141	-0.182	0.455
White Pollster	-0.007	-0.179	0.173
White Pollster * Hispanic	-0.056	-0.422	0.310
White Pollster * Black	-0.005	-0.310	0.279
White Pollster * Asian	0.180	-0.343	0.730
White Pollster * Non-English Speaker	0.073	-0.344	0.453
σ_C^2	0.021	0.012	0.039

Table 67: Hierarchical Probit Model with Imputed Data. Polling locations with Obama voteshare outside 95% CI have been dropped.

	Median	2.5%ile	97.5%ile
Constant	-0.561	-2.209	1.021
Treated	0.116	-1.901	2.126
Answer Format	0.016	-0.148	0.151
Female	-0.073	-0.190	0.050
Hispanic	0.396	0.027	0.739
Black	0.275	-0.016	0.544
Asian	0.048	-0.505	0.561
Non-English Speaker	0.173	-0.187	0.531
Educ \geq College	-0.194	-0.374	-0.047
Young Voter	0.175	0.003	0.365
Old Voter	-0.128	-0.300	0.036
Treated * Answer Format	-0.089	-0.398	0.207
Treated * Female	-0.109	-0.345	0.139
Treated * Hisp	-0.021	-0.469	0.418
Treated * Black	0.191	-0.165	0.619
Treated * Asian	0.076	-0.574	0.739
Treated * NonEngSpkr	0.208	-0.311	0.619
Treated * CollegePlus	0.110	-0.172	0.372
Treated * Young	-0.133	-0.473	0.203
Treated * Old	0.147	-0.177	0.459
White Pollster	-0.005	-0.179	0.177
White Pollster * Hispanic	-0.065	-0.435	0.322
White Pollster * Black	-0.014	-0.319	0.276
White Pollster * Asian	0.158	-0.382	0.752
White Pollster * Non-English Speaker	0.074	-0.342	0.455
σ_C^2	0.036	0.021	0.066
σ_{CH}	-0.006	-0.036	0.017
σ_{CAf}	-0.009	-0.037	0.011
σ_{CA_s}	-0.005	-0.042	0.023
σ_H^2	0.071	0.035	0.157
σ_{HAf}	0.003	-0.033	0.045
σ_{HA_s}	0.001	-0.054	0.057
σ_{Af}^2	0.060	0.031	0.124
σ_{AfAs}	0.004	-0.040	0.056
σ_{As}^2	0.097	0.043	0.245

Table 68: Hierarchical Probit Model with Imputed Data. Polling locations with Obama voteshare outside 95% CI have been dropped.

	Median	2.5%ile	97.5%ile
Constant	-0.384	-2.349	1.422
Treated	-0.054	-0.194	0.087
Answer Format	-0.020	-0.134	0.105
Female	-0.096	-0.201	0.008
Hispanic	0.381	0.071	0.683
Black	0.295	0.033	0.518
Asian	0.021	-0.421	0.441
Non-English Speaker	0.205	-0.138	0.538
Educ \geq College	-0.168	-0.312	-0.036
Young Voter	0.148	-0.000	0.315
Old Voter	-0.091	-0.227	0.045
Black % VAP	0.189	-0.178	0.570
Hispanic % VAP	0.265	-0.870	1.419
Asian % VAP	0.775	0.178	1.395
White Pollster	-0.008	-0.177	0.171
White Pollster * Hispanic	-0.048	-0.407	0.324
White Pollster * Black	-0.011	-0.312	0.273
White Pollster * Asian	0.122	-0.400	0.674
White Pollster * Non-English Speaker	0.087	-0.336	0.481
σ_C^2	0.021	0.012	0.038

Table 69: Hierarchical Probit Model with Imputed Data. Polling locations with Obama voteshare outside 95% CI have been dropped.

	Median	2.5%ile	97.5%ile
Constant	-0.414	-2.409	1.405
Treated	-0.044	-0.197	0.110
Answer Format	-0.019	-0.134	0.105
Female	-0.097	-0.203	0.008
Hispanic	0.385	0.045	0.707
Black	0.288	0.007	0.545
Asian	0.011	-0.482	0.472
Non-English Speaker	0.210	-0.143	0.544
Educ \geq College	-0.168	-0.310	-0.036
Young Voter	0.148	-0.002	0.316
Old Voter	-0.090	-0.230	0.047
Black % VAP	0.217	-0.188	0.628
Hispanic % VAP	0.249	-0.930	1.488
Asian % VAP	0.813	0.145	1.494
White Pollster	-0.006	-0.181	0.173
White Pollster * Hispanic	-0.059	-0.427	0.319
White Pollster * Black	-0.017	-0.314	0.276
White Pollster * Asian	0.111	-0.429	0.703
White Pollster * Non-English Speaker	0.086	-0.342	0.479
σ_C^2	0.037	0.021	0.067
σ_{CH}	-0.006	-0.036	0.017
σ_{CAf}	-0.009	-0.037	0.011
σ_{CA_s}	-0.005	-0.042	0.023
σ_H^2	0.070	0.035	0.155
σ_{HAf}	0.003	-0.033	0.043
σ_{HA_s}	0.001	-0.053	0.058
σ_{Af}^2	0.059	0.031	0.123
σ_{AfAs}	0.005	-0.039	0.057
σ_{As}^2	0.097	0.043	0.247

Table 70: Hierarchical Probit Model with Imputed Data. Polling locations with Obama voteshare outside 95% CI have been dropped.

	Median	2.5%ile	97.5%ile
Constant	-0.415	-3.108	1.605
Treated	0.058	-3.402	3.519
Answer Format	0.015	-0.148	0.150
Female	-0.065	-0.183	0.055
Hispanic	0.376	0.033	0.692
Black	0.263	-0.012	0.506
Asian	-0.038	-0.527	0.431
Non-English Speaker	0.168	-0.188	0.527
Educ \geq College	-0.196	-0.376	-0.048
Young Voter	0.175	0.004	0.367
Old Voter	-0.130	-0.305	0.035
Treated * Answer Format	-0.096	-0.406	0.199
Treated * Female	-0.116	-0.352	0.134
Treated * Hisp	0.003	-0.399	0.403
Treated * Black	0.116	-0.214	0.494
Treated * Asian	0.141	-0.408	0.700
Treated * NonEngSpkr	0.192	-0.309	0.599
Treated * CollegePlus	0.121	-0.159	0.382
Treated * Young	-0.132	-0.465	0.198
Treated * Old	0.135	-0.189	0.455
Black % VAP	0.201	-0.176	0.582
Hispanic % VAP	0.266	-0.860	1.425
Asian % VAP	0.784	0.159	1.427
White Pollster	-0.010	-0.184	0.168
White Pollster * Hispanic	-0.046	-0.415	0.329
White Pollster * Black	-0.008	-0.308	0.281
White Pollster * Asian	0.141	-0.387	0.692
White Pollster * Non-English Speaker	0.078	-0.341	0.461
σ_C^2	0.021	0.012	0.038

Table 71: Hierarchical Probit Model with Imputed Data. Polling locations with Obama voteshare outside 95% CI have been dropped.

	Median	2.5%ile	97.5%ile
Constant	-0.416	-3.131	1.669
Treated	-0.024	-3.482	3.521
Answer Format	0.016	-0.148	0.151
Female	-0.066	-0.185	0.056
Hispanic	0.382	0.014	0.726
Black	0.252	-0.038	0.525
Asian	-0.041	-0.598	0.475
Non-English Speaker	0.176	-0.185	0.533
Educ \geq College	-0.195	-0.378	-0.046
Young Voter	0.174	-0.001	0.367
Old Voter	-0.129	-0.305	0.036
Treated * Answer Format	-0.092	-0.408	0.210
Treated * Female	-0.117	-0.355	0.136
Treated * Hisp	-0.029	-0.472	0.410
Treated * Black	0.159	-0.212	0.601
Treated * Asian	0.154	-0.508	0.812
Treated * NonEngSpkr	0.189	-0.316	0.603
Treated * CollegePlus	0.123	-0.161	0.385
Treated * Young	-0.129	-0.468	0.204
Treated * Old	0.134	-0.191	0.454
Black % VAP	0.218	-0.190	0.635
Hispanic % VAP	0.246	-0.937	1.478
Asian % VAP	0.818	0.122	1.519
White Pollster	-0.007	-0.184	0.176
White Pollster * Hispanic	-0.056	-0.433	0.326
White Pollster * Black	-0.019	-0.319	0.282
White Pollster * Asian	0.118	-0.429	0.711
White Pollster * Non-English Speaker	0.075	-0.350	0.467
σ_C^2	0.036	0.021	0.067
σ_{CH}	-0.006	-0.035	0.016
σ_{CAf}	-0.009	-0.037	0.011
σ_{CAs}	-0.005	-0.042	0.024
σ_H^2	0.070	0.035	0.154
σ_{HAf}	0.003	-0.033	0.044
σ_{HAs}	0.001	-0.054	0.057
σ_{Af}^2	0.060	0.031	0.125
σ_{AfAs}	0.005	-0.040	0.059
σ_{As}^2	0.099	0.043	0.250

Table 72: Hierarchical Probit Model with Imputed Data. Polling locations with Obama voteshare outside 95% CI have been dropped.

	$\hat{\beta}$	Lower 95% Endpoint	Upper 95% Endpoint
Constant	-0.195	-2.138	1.748
pink	-0.019	-0.143	0.105
Female	-0.118	-0.230	-0.006
Hispanic	0.350	0.159	0.540
Black	0.283	0.123	0.443
Asian	0.101	-0.126	0.327
Non-English Speaker	0.269	0.063	0.474
Educ \geq College	-0.148	-0.305	0.008
Young Voter	0.090	-0.073	0.252
Old Voter	-0.090	-0.231	0.052

Table 73: Fixed Effects Probit Estimates with Imputed Data. Polling locations with Obama voteshare outside 95% CI have been dropped.

	$\hat{\beta}$	Lower 95% Endpoint	Upper 95% Endpoint
Constant	-0.160	-2.129	1.809
pink	-0.019	-0.143	0.104
Female	-0.119	-0.230	-0.008
White Pollster	-0.015	-0.198	0.168
Hispanic	0.380	0.065	0.696
Black	0.283	0.022	0.544
Asian	0.037	-0.406	0.480
Non-English Speaker	0.211	-0.135	0.557
Educ \geq College	-0.149	-0.306	0.008
Young Voter	0.090	-0.074	0.255
Old Voter	-0.089	-0.232	0.054
White Pollster * Hispanic	-0.049	-0.428	0.330
White Pollster * Black	-0.003	-0.309	0.304
White Pollster * Asian	0.107	-0.454	0.669
White Pollster * Non-English Speaker	0.089	-0.327	0.506

Table 74: Fixed Effects Probit Estimates with Imputed Data. Polling locations with Obama voteshare outside 95% CI have been dropped.