

Appendix A

Source: U.S. Census Bureau
 Internet Release date: January 5, 2001

Probability of Voting Among All Citizens, 1998

The LOGISTIC Procedure

Data Set: WORK.LGVOT98
 Response Variable: VOTE
 Response Levels: 2
 Number of Observations: 84076
 Weight Variable: WGHT
 Sum of Weights: 183450.54591
 Link Function: Logit

Response Profile

Ordered Value	VOTE	Count	Total Weight
1	1	39512	83097.53
2	0	44564	100353.02

Model Fitting Information and Testing Global Null

Hypothesis BETA=0

Covariates	Criterion	Intercept Only	Intercept and Covariates	Chi-Square for
	AIC	252692.99	206105.68	.
	SC	252702.33	206395.20	.
	-2 LOG L	252690.99	206043.68	46647.313 with 30 DF
(p=0.0001)	Score	.	.	39760.817 with 30 DF
(p=0.0001)				

Probability of Voting Among All Citizens, 1998

The LOGISTIC Procedure

Analysis of Maximum Likelihood Estimates

Standardized Variable Estimate	DF	Parameter Odds Estimate Ratio	Standard Error	Wald Chi-Square	Pr > Chi-Square

INTERCPT	1	2.2959	0.0239	9203.0426	0.0001
BLACK	1	0.4088	0.0178	529.5609	0.0001
0.107326	1.505				
MALE	1	-0.0655	0.0109	36.0934	0.0001
-0.026665	0.937				
EDUC1	1	-1.6588	0.0205	6537.2835	0.0001
-0.487822	0.190				
EDUC2	1	-1.0060	0.0153	4330.3748	0.0001
-0.387710	0.366				
EDUC3	1	-0.4161	0.0154	727.9448	0.0001
-0.151433	0.660				
AGE1	1	-1.9632	0.0291	4549.8240	0.0001
-0.529383	0.140				
AGE2	1	-1.2359	0.0208	3526.1172	0.0001
-0.494470	0.291				
AGE3	1	-0.6280	0.0186	1145.9425	0.0001
-0.233658	0.534				
ELECT1	1	-0.5235	0.0202	674.2018	0.0001
-0.116037	0.592				
ELECT2	1	-0.0390	0.0161	5.8708	0.0154
-0.010692	0.962				
INCOME1	1	-0.3788	0.0402	88.6536	0.0001
-0.048619	0.685				
INCOME2	1	-0.3585	0.0290	153.1167	0.0001
-0.063812	0.699				
INCOME3	1	-0.2970	0.0250	140.8136	0.0001
-0.059334	0.743				
INCOME4	1	-0.2420	0.0196	152.9695	0.0001
-0.062713	0.785				
INCOME5	1	-0.1456	0.0180	65.6566	0.0001
-0.039401	0.864				
INCOME6	1	-0.1050	0.0162	42.1493	0.0001
-0.030781	0.900				
INCOME9	1	-0.2195	0.0207	112.7567	0.0001
-0.054749	0.803				
HOUSE1	1	-3.8064	0.0549	4803.6254	0.0001
-0.742023	0.022				
HOUSE2	1	-0.8952	0.0186	2308.8897	0.0001
-0.247091	0.409				
HOUSE3	1	-0.5888	0.0167	1248.8088	0.0001
-0.165232	0.555				
HOUSE4	1	-0.2242	0.0161	193.0649	0.0001
-0.061198	0.799				
TENURE1	1	-0.3432	0.0475	52.2931	0.0001
-0.032254	0.710				
TENURE2	1	-0.3518	0.0149	557.1330	0.0001
-0.124773	0.703				
MARITAL1	1	-0.3358	0.0176	362.5495	0.0001
-0.115257	0.715				
MARITAL2	1	-0.4169	0.0386	116.6733	0.0001
-0.050242	0.659				
MARITAL3	1	-0.4172	0.0189	485.5164	0.0001
-0.102217	0.659				

MARITAL4	1	-0.5073	0.0237	458.5467	0.0001
-0.105548		0.602			
MSASTAT1	1	0.0188	0.0163	1.3331	0.2483
0.006162		1.019			
MSASTAT2	1	-0.1012	0.0132	58.9270	0.0001
-0.041212		0.904			
KID	1	-0.1600	0.0131	149.4193	0.0001
-0.063369		0.852			

Association of Predicted Probabilities and Observed

Responses

Concordant = 77.4%	Somers' D = 0.550
Discordant = 22.4%	Gamma = 0.551
Tied = 0.2%	Tau-a = 0.274
(1760812768 pairs)	c = 0.775

Probability of Voting Among Black Non Hispanic Citizens, 1998

The LOGISTIC Procedure

Data Set: WORK.LGVOT98
 Response Variable: VOTE
 Response Levels: 2
 Number of Observations: 7993
 Weight Variable: WGHT
 Sum of Weights: 21612.917272
 Link Function: Logit

Response Profile

Ordered Value	VOTE	Count	Total Weight
1	1	3494	9044.145
2	0	4499	12568.772

Model Fitting Information and Testing Global Null

Hypothesis BETA=0

Covariates	Criterion	Intercept Only	Intercept and Covariates	Chi-Square for
	AIC	29386.495	24554.880	.
	SC	29393.482	24764.470	.

-2 LOG L 29384.495 24494.880 4889.615 with 29 DF
 (p=0.0001)
 Score . . 4254.524 with 29 DF
 (p=0.0001)

Probability of Voting Among Black Non Hispanic Citizens,
 1998

The LOGISTIC Procedure

Analysis of Maximum Likelihood Estimates

Standardized Variable Estimate	DF	Parameter Odds Estimate Ratio	Standard Error	Wald Chi-Square	Pr > Chi-Square
INTERCPT	1	2.0337	0.0766	704.5654	0.0001
MALE	1	-0.2369	0.0323	53.7154	0.0001
-0.106688		0.789			
EDUC1	1	-1.2580	0.0609	426.5588	0.0001
-0.477925		0.284			
EDUC2	1	-0.8833	0.0519	290.1743	0.0001
-0.383604		0.413			
EDUC3	1	-0.3721	0.0521	50.9565	0.0001
-0.151060		0.689			
AGE1	1	-1.6736	0.0817	419.6110	0.0001
-0.550621		0.188			
AGE2	1	-0.6947	0.0644	116.2253	0.0001
-0.313860		0.499			
AGE3	1	-0.1979	0.0587	11.3581	0.0008
-0.079159		0.820			
ELECT1	1	-0.4967	0.0505	96.9086	0.0001
-0.145379		0.609			
ELECT2	1	-0.0181	0.0452	0.1598	0.6894
-0.005773		0.982			
INCOME1	1	-0.2802	0.0798	12.3362	0.0004
-0.062381		0.756			
INCOME2	1	-0.1922	0.0651	8.7273	0.0031
-0.052907		0.825			
INCOME3	1	-0.3817	0.0655	33.9901	0.0001
-0.101242		0.683			
INCOME4	1	-0.3067	0.0550	31.0838	0.0001
-0.098151		0.736			
INCOME5	1	-0.0350	0.0537	0.4248	0.5146
-0.010776		0.966			
INCOME6	1	-0.1174	0.0531	4.8782	0.0272
-0.035772		0.889			
INCOME9	1	-0.2627	0.0632	17.2645	0.0001
-0.073640		0.769			
HOUSE1	1	-2.9454	0.1046	792.1910	0.0001
-0.719450		0.053			

HOUSE2	1	-0.8621	0.0508	287.7876	0.0001
-0.286536		0.422			
HOUSE3	1	-0.6847	0.0471	211.4991	0.0001
-0.228182		0.504			
HOUSE4	1	-0.1803	0.0478	14.2486	0.0002
-0.055030		0.835			
TENURE1	1	-0.7394	0.1482	24.8824	0.0001
-0.076137		0.477			
TENURE2	1	-0.2261	0.0374	36.6052	0.0001
-0.101759		0.798			
MARITAL1	1	-0.2313	0.0438	27.9311	0.0001
-0.101888		0.794			
MARITAL2	1	-0.2447	0.0729	11.2558	0.0008
-0.050005		0.783			
MARITAL3	1	-0.1063	0.0515	4.2628	0.0390
-0.031690		0.899			
MARITAL4	1	-0.1425	0.0683	4.3610	0.0368
-0.033867		0.867			
MSASTAT1	1	-0.1257	0.0481	6.8390	0.0089
-0.040075		0.882			
MSASTAT2	1	0.0321	0.0356	0.8108	0.3679
0.013574	1.033				
KID	1	-0.2069	0.0348	35.3770	0.0001
-0.093600		0.813			

Association of Predicted Probabilities and Observed

Responses

Concordant = 76.3%	Somers' D = 0.528
Discordant = 23.5%	Gamma = 0.529
Tied = 0.2%	Tau-a = 0.260
(15719506 pairs)	c = 0.764

Probability of Voting Among White Non Hispanic Citizens, 1998

The LOGISTIC Procedure

Data Set: WORK.LGVOT98
 Response Variable: VOTE
 Response Levels: 2
 Number of Observations: 68228
 Weight Variable: WGHT
 Sum of Weights: 143650.82817
 Link Function: Logit

Response Profile

Ordered Value	VOTE	Count	Total Weight
1	1	33281	68068.430
2	0	34947	75582.398

Model Fitting Information and Testing Global Null Hypothesis BETA=0

Criterion	Intercept Only	Intercept and Covariates	Chi-Square for
AIC	198751.12	160672.77	.
SC	198760.25	160946.69	.
-2 LOG L	198749.12	160612.77	38136.344 with 29 DF
Score	.	.	32307.026 with 29 DF

Probability of Voting Among White Non Hispanic Citizens, 1998

The LOGISTIC Procedure

Analysis of Maximum Likelihood Estimates

Standardized Variable Estimate	DF	Parameter Odds Estimate Ratio	Standard Error	Wald Chi-Square	Pr > Chi-Square
INTERCPT	1	2.4621	0.0271	8241.7948	0.0001
MALE	1	-0.0328	0.0124	7.0108	0.0081
-0.013092		0.968			
EDUC1	1	-1.7983	0.0242	5542.4387	0.0001
-0.482416		0.166			
EDUC2	1	-1.0574	0.0170	3853.4732	0.0001
-0.400862		0.347			
EDUC3	1	-0.4491	0.0172	683.1587	0.0001
-0.160953		0.638			
AGE1	1	-1.9756	0.0337	3445.5667	0.0001
-0.502227		0.139			
AGE2	1	-1.2953	0.0235	3031.7903	0.0001
-0.506361		0.274			
AGE3	1	-0.6754	0.0208	1052.8209	0.0001
-0.249079		0.509			
ELECT1	1	-0.5622	0.0228	605.9164	0.0001
-0.121652		0.570			

ELECT2	1	-0.0450	0.0178	6.4012	0.0114
-0.012436		0.956			
INCOME1	1	-0.5015	0.0537	87.1199	0.0001
-0.052710		0.606			
INCOME2	1	-0.4740	0.0360	173.0349	0.0001
-0.074690		0.623			
INCOME3	1	-0.2655	0.0294	81.5898	0.0001
-0.049400		0.767			
INCOME4	1	-0.2294	0.0226	103.0487	0.0001
-0.056687		0.795			
INCOME5	1	-0.1453	0.0204	50.7217	0.0001
-0.038257		0.865			
INCOME6	1	-0.0877	0.0180	23.6546	0.0001
-0.025530		0.916			
INCOME9	1	-0.2115	0.0231	83.5549	0.0001
-0.052339		0.809			
HOUSE1	1	-4.1602	0.0712	3409.8974	0.0001
-0.778571		0.016			
HOUSE2	1	-0.9144	0.0214	1824.8288	0.0001
-0.241277		0.401			
HOUSE3	1	-0.5874	0.0190	958.7323	0.0001
-0.159515		0.556			
HOUSE4	1	-0.2451	0.0183	179.2761	0.0001
-0.065360		0.783			
TENURE1	1	-0.2186	0.0536	16.6641	0.0001
-0.020003		0.804			
TENURE2	1	-0.4056	0.0177	526.1836	0.0001
-0.132726		0.667			
MARITAL1	1	-0.3689	0.0209	311.2066	0.0001
-0.118340		0.692			
MARITAL2	1	-0.5172	0.0516	100.4296	0.0001
-0.052394		0.596			
MARITAL3	1	-0.4842	0.0217	498.4896	0.0001
-0.115586		0.616			
MARITAL4	1	-0.5354	0.0267	402.2511	0.0001
-0.111171		0.585			
MSASTAT1	1	-0.0115	0.0188	0.3731	0.5413
-0.003832		0.989			
MSASTAT2	1	-0.1566	0.0157	100.0930	0.0001
-0.062324		0.855			
KID	1	-0.1490	0.0153	94.7022	0.0001
-0.057130		0.862			

Association of Predicted Probabilities and Observed

Responses

Concordant = 77.7%	Somers' D = 0.556
Discordant = 22.1%	Gamma = 0.557
Tied = 0.2%	Tau-a = 0.278
(1163071107 pairs)	c = 0.778

Probability of Voting Among All Citizens, 1994

The LOGISTIC Procedure

Data Set: WORK.LGVOT94
 Response Variable: VOTE
 Response Levels: 2
 Number of Observations: 95357
 Weight Variable: WGHT
 Sum of Weights: 177259.86798
 Link Function: Logit

Response Profile

Ordered Value	VOTE	Count	Total Weight
1	1	47067	84943.516
2	0	48290	92316.352

Model Fitting Information and Testing Global Null

Hypothesis BETA=0

Covariates	Criterion	Intercept Only	Intercept and Covariates	Chi-Square for
	AIC	245429.61	200666.79	.
	SC	245439.07	200960.22	.
	-2 LOG L	245427.61	200604.79	44822.815 with 30 DF
(p=0.0001)	Score	.	.	38813.975 with 30 DF
(p=0.0001)				

Probability of Voting Among All Citizens, 1994

The LOGISTIC Procedure

Analysis of Maximum Likelihood Estimates

Standardized Variable Estimate	DF	Parameter Odds Estimate Ratio	Standard Error	Wald Chi-Square	Pr > Chi-Square
INTERCPT	1	2.5856	0.0249	10781.4753	0.0001
.	.				

BLACK	1	0.1577	0.0180	77.2094	0.0001
0.038046		1.171			
MALE	1	-0.0629	0.0111	32.2696	0.0001
-0.023625		0.939			
EDUC1	1	-1.8607	0.0210	7823.0473	0.0001
-0.522652		0.156			
EDUC2	1	-1.0781	0.0161	4483.4101	0.0001
-0.385992		0.340			
EDUC3	1	-0.5233	0.0163	1031.0830	0.0001
-0.175378		0.593			
AGE1	1	-1.8728	0.0278	4523.5185	0.0001
-0.471261		0.154			
AGE2	1	-1.2095	0.0202	3573.3975	0.0001
-0.449960		0.298			
AGE3	1	-0.6003	0.0190	996.0668	0.0001
-0.200867		0.549			
ELECT1	1	-0.5323	0.0191	773.4904	0.0001
-0.115422		0.587			
ELECT2	1	-0.0995	0.0165	36.4279	0.0001
-0.024719		0.905			
INCOME1	1	-0.6188	0.0337	337.8882	0.0001
-0.091098		0.539			
INCOME2	1	-0.5300	0.0262	409.2465	0.0001
-0.103220		0.589			
INCOME3	1	-0.3670	0.0231	252.1859	0.0001
-0.077521		0.693			
INCOME4	1	-0.2734	0.0189	210.1022	0.0001
-0.071517		0.761			
INCOME5	1	-0.2162	0.0179	145.8491	0.0001
-0.057088		0.806			
INCOME6	1	-0.1319	0.0168	61.7677	0.0001
-0.036491		0.876			
INCOME9	1	-0.3218	0.0242	176.1443	0.0001
-0.062944		0.725			
HOUSE1	1	-3.8946	0.0693	3155.8653	0.0001
-0.575819		0.020			
HOUSE2	1	-0.9208	0.0184	2495.1562	0.0001
-0.240447		0.398			
HOUSE3	1	-0.6157	0.0169	1324.0169	0.0001
-0.160368		0.540			
HOUSE4	1	-0.1862	0.0164	129.5044	0.0001
-0.047179		0.830			
TENURE1	1	-0.2893	0.0418	47.9544	0.0001
-0.028872		0.749			
TENURE2	1	-0.3408	0.0145	551.1350	0.0001
-0.114031		0.711			
MARITAL1	1	-0.3478	0.0173	405.2813	0.0001
-0.108658		0.706			
MARITAL2	1	-0.3802	0.0379	100.7232	0.0001
-0.043565		0.684			
MARITAL3	1	-0.4361	0.0194	506.6882	0.0001
-0.097144		0.647			
MARITAL4	1	-0.4226	0.0239	313.8573	0.0001
-0.082287		0.655			

MSASTAT1	1	0.0618	0.0147	17.7184	0.0001
0.019600		1.064			
MSASTAT2	1	-0.0915	0.0127	52.0060	0.0001
-0.033388		0.913			
KID	1	-0.1082	0.0119	82.7214	0.0001
-0.040568		0.897			

Association of Predicted Probabilities and Observed

Responses

Concordant = 77.1%	Somers' D = 0.545
Discordant = 22.6%	Gamma = 0.546
Tied = 0.2%	Tau-a = 0.272
(2272865430 pairs)	c = 0.772

Probability of Voting Among Black Non Hispanic Citizens, 1994

The LOGISTIC Procedure

Data Set: WORK.LGVOT94
 Response Variable: VOTE
 Response Levels: 2
 Number of Observations: 9516
 Weight Variable: WGHT
 Sum of Weights: 20661.64187
 Link Function: Logit

Response Profile

Ordered Value	VOTE	Count	Total Weight
1	1	3939	8019.710
2	0	5577	12641.932

Model Fitting Information and Testing Global Null

Hypothesis BETA=0

Covariates	Criterion	Intercept Only	Intercept and Covariates	Chi-Square for
	AIC	27602.277	23565.901	.
	SC	27609.437	23780.723	.

-2 LOG L 27600.277 23505.901 4094.375 with 29 DF
 (p=0.0001)
 Score . . 3624.314 with 29 DF
 (p=0.0001)

Probability of Voting Among Black Non Hispanic Citizens,
 1994

The LOGISTIC Procedure

Analysis of Maximum Likelihood Estimates

Standardized Variable Estimate	DF	Parameter Odds Estimate Ratio	Standard Error	Wald Chi-Square	Pr > Chi-Square
INTERCPT	1	2.1257	0.0836	646.4372	0.0001
MALE	1	-0.1219	0.0330	13.6412	0.0002
-0.049216		0.885			
EDUC1	1	-1.6093	0.0640	631.4781	0.0001
-0.574397		0.200			
EDUC2	1	-0.9235	0.0553	278.8107	0.0001
-0.358509		0.397			
EDUC3	1	-0.4985	0.0552	81.6341	0.0001
-0.179195		0.607			
AGE1	1	-1.7198	0.0819	440.5649	0.0001
-0.520599		0.179			
AGE2	1	-0.9838	0.0649	229.8116	0.0001
-0.399069		0.374			
AGE3	1	-0.2326	0.0597	15.1699	0.0001
-0.080717		0.792			
ELECT1	1	-0.5390	0.0478	127.0459	0.0001
-0.153354		0.583			
ELECT2	1	-0.2553	0.0490	27.1017	0.0001
-0.069525		0.775			
INCOME1	1	-0.4287	0.0731	34.4218	0.0001
-0.109281		0.651			
INCOME2	1	-0.2132	0.0676	9.9568	0.0016
-0.058431		0.808			
INCOME3	1	-0.0484	0.0649	0.5546	0.4564
-0.013061		0.953			
INCOME4	1	-0.1223	0.0594	4.2457	0.0393
-0.036191		0.885			
INCOME5	1	-0.1322	0.0596	4.9089	0.0267
-0.036684		0.876			
INCOME6	1	-0.0198	0.0599	0.1099	0.7402
-0.005244		0.980			
INCOME9	1	-0.0386	0.0776	0.2472	0.6190
-0.008090		0.962			
HOUSE1	1	-3.0420	0.1384	483.1018	0.0001
-0.562140		0.048			

HOUSE2	1	-0.7846	0.0525	223.6281	0.0001
-0.231095		0.456			
HOUSE3	1	-0.5117	0.0481	113.3351	0.0001
-0.154086		0.599			
HOUSE4	1	-0.2008	0.0492	16.6579	0.0001
-0.054268		0.818			
TENURE1	1	-0.3751	0.1199	9.7810	0.0018
-0.043858		0.687			
TENURE2	1	-0.1693	0.0378	20.0502	0.0001
-0.068543		0.844			
MARITAL1	1	-0.2649	0.0444	35.6606	0.0001
-0.104269		0.767			
MARITAL2	1	-0.1932	0.0703	7.5415	0.0060
-0.037631		0.824			
MARITAL3	1	-0.2392	0.0544	19.3256	0.0001
-0.061190		0.787			
MARITAL4	1	-0.1711	0.0670	6.5253	0.0106
-0.038326		0.843			
MSASTAT1	1	-0.0113	0.0447	0.0637	0.8008
-0.003539		0.989			
MSASTAT2	1	-0.1734	0.0407	18.1825	0.0001
-0.057688		0.841			
KID	1	-0.1297	0.0344	14.2526	0.0002
-0.051953		0.878			

Association of Predicted Probabilities and Observed

Responses

Concordant = 75.2%	Somers' D = 0.506
Discordant = 24.6%	Gamma = 0.507
Tied = 0.2%	Tau-a = 0.245
(21967803 pairs)	c = 0.753

Probability of Voting Among White Non Hispanic Citizens, 1994

The LOGISTIC Procedure

Data Set: WORK.LGVOT94
 Response Variable: VOTE
 Response Levels: 2
 Number of Observations: 78447
 Weight Variable: WGHT
 Sum of Weights: 142357.2934
 Link Function: Logit

Response Profile

Ordered Value	VOTE	Count	Total Weight
1	1	40615	72249.168
2	0	37832	70108.125

Model Fitting Information and Testing Global Null Hypothesis BETA=0

Criterion	Intercept Only	Intercept and Covariates	Chi-Square for
AIC	197318.91	160502.00	.
SC	197328.18	160780.11	.
-2 LOG L	197316.91	160442.00	36874.910 with 29 DF
Score	.	.	31946.820 with 29 DF

Probability of Voting Among White Non Hispanic Citizens, 1994

The LOGISTIC Procedure

Analysis of Maximum Likelihood Estimates

Standardized Variable Estimate	DF	Parameter Odds Estimate Ratio	Standard Error	Wald Chi-Square	Pr > Chi-Square
INTERCPT	1	2.7051	0.0275	9659.3832	0.0001
MALE	1	-0.0486	0.0124	15.3685	0.0001
EDUC1	1	-1.9325	0.0240	6500.1410	0.0001
EDUC2	1	-1.1381	0.0177	4111.3406	0.0001
EDUC3	1	-0.5487	0.0180	930.1970	0.0001
AGE1	1	-1.8871	0.0315	3585.9071	0.0001
AGE2	1	-1.2187	0.0224	2967.1551	0.0001
AGE3	1	-0.6226	0.0211	873.8441	0.0001
ELECT1	1	-0.5570	0.0215	671.9690	0.0001

ELECT2	1	-0.1037	0.0180	33.2780	0.0001
-0.026128		0.902			
INCOME1	1	-0.6530	0.0427	233.5157	0.0001
-0.079719		0.520			
INCOME2	1	-0.5848	0.0311	353.7531	0.0001
-0.102747		0.557			
INCOME3	1	-0.3943	0.0264	222.7255	0.0001
-0.078988		0.674			
INCOME4	1	-0.2649	0.0211	157.5386	0.0001
-0.067602		0.767			
INCOME5	1	-0.2234	0.0198	127.6070	0.0001
-0.058443		0.800			
INCOME6	1	-0.1454	0.0183	62.9756	0.0001
-0.040512		0.865			
INCOME9	1	-0.3638	0.0266	187.6666	0.0001
-0.071332		0.695			
HOUSE1	1	-4.1108	0.0838	2407.8962	0.0001
-0.580223		0.016			
HOUSE2	1	-0.9551	0.0208	2100.9994	0.0001
-0.241397		0.385			
HOUSE3	1	-0.6272	0.0190	1085.1646	0.0001
-0.158569		0.534			
HOUSE4	1	-0.1824	0.0183	99.1373	0.0001
-0.045532		0.833			
TENURE1	1	-0.3195	0.0467	46.8213	0.0001
-0.031267		0.727			
TENURE2	1	-0.3819	0.0168	518.6996	0.0001
-0.119814		0.683			
MARITAL1	1	-0.3861	0.0200	371.9965	0.0001
-0.113560		0.680			
MARITAL2	1	-0.5119	0.0496	106.4457	0.0001
-0.049482		0.599			
MARITAL3	1	-0.4996	0.0218	524.5286	0.0001
-0.109122		0.607			
MARITAL4	1	-0.4594	0.0266	298.2144	0.0001
-0.088988		0.632			
MSASTAT1	1	0.0534	0.0164	10.6353	0.0011
0.017134	1.055				
MSASTAT2	1	-0.0793	0.0142	31.0698	0.0001
-0.028922		0.924			
KID	1	-0.1024	0.0134	58.6059	0.0001
-0.037978		0.903			

Association of Predicted Probabilities and Observed

Responses

Concordant = 77.4%	Somers' D = 0.550
Discordant = 22.4%	Gamma = 0.551
Tied = 0.2%	Tau-a = 0.275
(1536546680 pairs)	c = 0.775

Probability of Voting Among All Citizens, 1994 and 1998

The LOGISTIC Procedure

Data Set: WORK.LGVOT94
 Response Variable: VOTE
 Response Levels: 2
 Number of Observations: 179433
 Weight Variable: WGHT
 Sum of Weights: 360710.41389
 Link Function: Logit

Response Profile

Ordered Value	VOTE	Count	Total Weight
1	1	86579	168041.04
2	0	92854	192669.37

Model Fitting Information and Testing Global Null

Hypothesis BETA=0

Covariates	Criterion	Intercept Only	Intercept and Covariates	Chi-Square for
	AIC	498369.95	407037.88	.
	SC	498380.05	407361.00	.
	-2 LOG L	498367.95	406973.88	91394.072 with 31 DF
(p=0.0001)	Score	.	.	78448.509 with 31 DF
(p=0.0001)				

Probability of Voting Among All Citizens, 1994 and 1998

The LOGISTIC Procedure

Analysis of Maximum Likelihood Estimates

Standardized Variable Estimate	DF	Parameter Odds Estimate Ratio	Standard Error	Wald Chi-Square	Pr > Chi-Square
INTERCPT	1	2.5320	0.0177	20359.8042	0.0001
.	.				

YEAR	1	-0.1921	0.00783	602.0496	0.0001
-0.075064		0.825			
BLACK	1	0.2843	0.0126	509.0828	0.0001
0.071493		1.329			
MALE	1	-0.0640	0.00777	67.9496	0.0001
-0.025003		0.938			
EDUC1	1	-1.7586	0.0147	14387.5564	0.0001
-0.505068		0.172			
EDUC2	1	-1.0367	0.0111	8781.1078	0.0001
-0.384763		0.355			
EDUC3	1	-0.4653	0.0112	1730.7820	0.0001
-0.162361		0.628			
AGE1	1	-1.9199	0.0201	9155.8804	0.0001
-0.499618		0.147			
AGE2	1	-1.2259	0.0145	7195.1592	0.0001
-0.472619		0.293			
AGE3	1	-0.6173	0.0133	2166.4101	0.0001
-0.217801		0.539			
ELECT1	1	-0.5301	0.0138	1465.6123	0.0001
-0.116176		0.589			
ELECT2	1	-0.0664	0.0115	33.3252	0.0001
-0.017330		0.936			
INCOME1	1	-0.5304	0.0257	426.0373	0.0001
-0.073627		0.588			
INCOME2	1	-0.4553	0.0194	553.1443	0.0001
-0.085280		0.634			
INCOME3	1	-0.3335	0.0169	388.6457	0.0001
-0.068746		0.716			
INCOME4	1	-0.2516	0.0135	345.7439	0.0001
-0.065572		0.778			
INCOME5	1	-0.1753	0.0126	192.3266	0.0001
-0.046852		0.839			
INCOME6	1	-0.1117	0.0116	92.4299	0.0001
-0.031772		0.894			
INCOME9	1	-0.2597	0.0157	273.0043	0.0001
-0.057852		0.771			
HOUSE1	1	-3.8403	0.0430	7963.5997	0.0001
-0.659465		0.021			
HOUSE2	1	-0.9062	0.0131	4790.8500	0.0001
-0.243051		0.404			
HOUSE3	1	-0.6007	0.0119	2564.1062	0.0001
-0.162255		0.548			
HOUSE4	1	-0.2058	0.0115	321.1899	0.0001
-0.054053		0.814			
TENURE1	1	-0.3134	0.0313	100.2415	0.0001
-0.030444		0.731			
TENURE2	1	-0.3453	0.0104	1105.2631	0.0001
-0.118858		0.708			
MARITAL1	1	-0.3388	0.0123	757.8912	0.0001
-0.110849		0.713			
MARITAL2	1	-0.4003	0.0270	219.3244	0.0001
-0.046990		0.670			
MARITAL3	1	-0.4233	0.0135	979.3986	0.0001
-0.098822		0.655			

MARITAL4	1	-0.4641	0.0168	762.9836	0.0001
-0.093315		0.629			
MSASTAT1	1	0.0404	0.0109	13.7981	0.0002
0.013019		1.041			
MSASTAT2	1	-0.0978	0.00909	115.7281	0.0001
-0.038006		0.907			
KID	1	-0.1347	0.00876	236.3424	0.0001
-0.052468		0.874			

Association of Predicted Probabilities and Observed

Responses

Concordant = 77.3%	Somers' D = 0.547
Discordant = 22.5%	Gamma = 0.548
Tied = 0.2%	Tau-a = 0.273
(8039206466 pairs)	c = 0.774

Probability of Voting Among Black Non Hispanic Citizens, 1994 and 1998

The LOGISTIC Procedure

Data Set: WORK.LGVOT94
 Response Variable: VOTE
 Response Levels: 2
 Number of Observations: 17509
 Weight Variable: WGHT
 Sum of Weights: 42274.559142
 Link Function: Logit

Response Profile

Ordered Value	VOTE	Count	Total Weight
1	1	7433	17063.855
2	0	10076	25210.704

Model Fitting Information and Testing Global Null

Hypothesis BETA=0

Criterion	Intercept Only	Intercept and Covariates	Chi-Square for Covariates
AIC	57027.116	48200.226	.

SC 57034.886 48441.111 .
 -2 LOG L 57025.116 48138.226 8886.890 with 30 DF
 (p=0.0001)
 Score . . 7798.548 with 30 DF
 (p=0.0001)

Probability of Voting Among Black Non Hispanic Citizens,
 1994 and 1998

The LOGISTIC Procedure

Analysis of Maximum Likelihood Estimates

Standardized Variable Estimate	DF	Parameter Odds Estimate Ratio	Standard Error	Wald Chi-Square	Pr > Chi-Square
INTERCPT	1	2.0391	0.0577	1247.0313	0.0001
YEAR 0.030040	1	0.0701 1.073	0.0226	9.6146	0.0019
MALE -0.076253	1	-0.1792 0.836	0.0230	60.5015	0.0001
EDUC1 -0.526408	1	-1.4309 0.239	0.0439	1061.5289	0.0001
EDUC2 -0.370287	1	-0.9034 0.405	0.0377	573.4478	0.0001
EDUC3 -0.166482	1	-0.4365 0.646	0.0378	133.6306	0.0001
AGE1 -0.528342	1	-1.6773 0.187	0.0576	849.3253	0.0001
AGE2 -0.355531	1	-0.8320 0.435	0.0455	334.7801	0.0001
AGE3 -0.079065	1	-0.2124 0.809	0.0417	25.9452	0.0001
ELECT1 -0.147956	1	-0.5129 0.599	0.0346	220.3066	0.0001
ELECT2 -0.038131	1	-0.1294 0.879	0.0330	15.3805	0.0001
INCOME1 -0.094338	1	-0.3906 0.677	0.0529	54.4192	0.0001
INCOME2 -0.057638	1	-0.2097 0.811	0.0465	20.3503	0.0001
INCOME3 -0.053316	1	-0.1988 0.820	0.0455	19.0836	0.0001
INCOME4 -0.066451	1	-0.2164 0.805	0.0401	29.1634	0.0001
INCOME5 -0.025129	1	-0.0861 0.918	0.0397	4.7120	0.0300
INCOME6 -0.021665	1	-0.0764 0.926	0.0395	3.7366	0.0532
INCOME9 -0.041174	1	-0.1681 0.845	0.0488	11.8514	0.0006

HOUSE1	1	-2.9658	0.0833	1266.2235	0.0001
-0.635396		0.052			
HOUSE2	1	-0.8169	0.0364	504.0284	0.0001
-0.255183		0.442			
HOUSE3	1	-0.5963	0.0335	316.4015	0.0001
-0.188562		0.551			
HOUSE4	1	-0.1867	0.0341	29.9428	0.0001
-0.053532		0.830			
TENURE1	1	-0.5224	0.0932	31.4488	0.0001
-0.057897		0.593			
TENURE2	1	-0.2037	0.0264	59.3371	0.0001
-0.086825		0.816			
MARITAL1	1	-0.2433	0.0310	61.5389	0.0001
-0.101151		0.784			
MARITAL2	1	-0.2140	0.0505	17.9737	0.0001
-0.042646		0.807			
MARITAL3	1	-0.1623	0.0372	19.0186	0.0001
-0.044784		0.850			
MARITAL4	1	-0.1558	0.0477	10.6839	0.0011
-0.035876		0.856			
MSASTAT1	1	-0.0724	0.0325	4.9711	0.0258
-0.022926		0.930			
MSASTAT2	1	-0.0532	0.0266	3.9947	0.0456
-0.020161		0.948			
KID	1	-0.1654	0.0243	46.4045	0.0001
-0.070780		0.848			

Association of Predicted Probabilities and Observed

Responses

Concordant = 75.6%	Somers' D = 0.514
Discordant = 24.2%	Gamma = 0.515
Tied = 0.2%	Tau-a = 0.251
(74894908 pairs)	c = 0.757

Probability of Voting Among White Non Hispanic Citizens, 1994 and 1998

The LOGISTIC Procedure

Data Set: WORK.LGVOT94
 Response Variable: VOTE
 Response Levels: 2
 Number of Observations: 146675
 Weight Variable: WGHT
 Sum of Weights: 286008.12157
 Link Function: Logit

Response Profile

Ordered Value	VOTE	Count	Total Weight
1	1	73896	140317.60
2	0	72779	145690.52

Model Fitting Information and Testing Global Null

Hypothesis BETA=0

Covariates	Criterion	Intercept Only	Intercept and Covariates	Chi-Square for
	AIC	396392.50	321262.69	.
	SC	396402.40	321569.46	.
	-2 LOG L	396390.50	321200.69	75189.817 with 30 DF
(p=0.0001)	Score	.	.	64353.062 with 30 DF
(p=0.0001)				

Probability of Voting Among White Non Hispanic Citizens, 1994 and 1998

The LOGISTIC Procedure

Analysis of Maximum Likelihood Estimates

Standardized Variable Estimate	DF	Parameter Odds Estimate Ratio	Standard Error	Wald Chi-Square	Pr > Chi-Square
INTERCPT	1	2.6929	0.0199	18394.8340	0.0001
YEAR	1	-0.2351	0.00887	703.3578	0.0001
-0.090505		0.790			
MALE	1	-0.0405	0.00875	21.3931	0.0001
-0.015572		0.960			
EDUC1	1	-1.8661	0.0170	12086.1093	0.0001
-0.492921		0.155			
EDUC2	1	-1.0946	0.0123	7965.1756	0.0001
-0.400750		0.335			
EDUC3	1	-0.4955	0.0124	1595.6900	0.0001
-0.170815		0.609			
AGE1	1	-1.9321	0.0229	7091.2605	0.0001
-0.476365		0.145			
AGE2	1	-1.2584	0.0161	6076.5594	0.0001
-0.475744		0.284			
AGE3	1	-0.6515	0.0148	1940.4564	0.0001
-0.228267		0.521			

ELECT1	1	-0.5617	0.0156	1293.4866	0.0001
-0.120060		0.570			
ELECT2	1	-0.0723	0.0126	32.7420	0.0001
-0.019063		0.930			
INCOME1	1	-0.5894	0.0333	312.6856	0.0001
-0.067523		0.555			
INCOME2	1	-0.5348	0.0235	519.8320	0.0001
-0.089668		0.586			
INCOME3	1	-0.3353	0.0196	292.9301	0.0001
-0.065050		0.715			
INCOME4	1	-0.2421	0.0154	248.1409	0.0001
-0.060935		0.785			
INCOME5	1	-0.1809	0.0142	163.3867	0.0001
-0.047493		0.835			
INCOME6	1	-0.1103	0.0128	74.0266	0.0001
-0.031381		0.896			
INCOME9	1	-0.2752	0.0174	249.1663	0.0001
-0.061026		0.759			
HOUSE1	1	-4.1378	0.0543	5815.7627	0.0001
-0.680028		0.016			
HOUSE2	1	-0.9353	0.0149	3930.3191	0.0001
-0.241305		0.392			
HOUSE3	1	-0.6074	0.0134	2045.5600	0.0001
-0.158969		0.545			
HOUSE4	1	-0.2148	0.0129	275.4243	0.0001
-0.055330		0.807			
TENURE1	1	-0.2763	0.0352	61.6921	0.0001
-0.026241		0.759			
TENURE2	1	-0.3912	0.0122	1036.2520	0.0001
-0.125255		0.676			
MARITAL1	1	-0.3757	0.0144	679.0283	0.0001
-0.115259		0.687			
MARITAL2	1	-0.5131	0.0358	205.8581	0.0001
-0.050714		0.599			
MARITAL3	1	-0.4889	0.0154	1012.9026	0.0001
-0.111515		0.613			
MARITAL4	1	-0.4940	0.0188	687.5418	0.0001
-0.098945		0.610			
MSASTAT1	1	0.0280	0.0123	5.1678	0.0230
0.009148	1.028				
MSASTAT2	1	-0.1146	0.0105	120.2445	0.0001
-0.044074		0.892			
KID	1	-0.1303	0.0100	168.9388	0.0001
-0.049788		0.878			

Association of Predicted Probabilities and Observed

Responses

Concordant = 77.6%	Somers' D = 0.553
Discordant = 22.2%	Gamma = 0.554
Tied = 0.2%	Tau-a = 0.277
(5378076984 pairs)	c = 0.777