

CHIS_73_BinomRegress
CHIS CHIS_DATA_BINOMIAL_BC2
PROC SURVEYLOGISTIC - May 4, 2019

The SURVEYLOGISTIC Procedure

Model Information		
Data Set	CHIS.CHIS_DATA_BINOMIAL_BC2	
Response Variable	nonasthmatic	Non-Asthmatic
Number of Response Levels	2	
Weight Variable	frwgt0	
Model	Generalized Logit	
Optimization Technique	Newton-Raphson	

Number of Observations Read	124521
Number of Observations Used	124521
Sum of Weights Read	28246634
Sum of Weights Used	28246634

Response Profile			
Ordered Value	nonasthmatic	Total Frequency	Total Weight
1	1 Non-Asthmatic	110931	25480744
2	2 Current Asthmatic	13590	2765889

Logits modeled use nonasthmatic='1 Non-Asthmatic' as the reference category.

Class Level Information						
Class	Value	Design Variables				
SRSEX	Female	1				
	Male	-1				
agegroup	Later Adult (65+)	-1	-1			
	Middle Aged (40-64)	1	0			
	Young Adult (18-39)	0	1			
CITIZEN2	Naturalized Citizen	-1	-1			
	Non-Citizen	1	0			
	US-Born Citizen	0	1			
race	African American	1	0	0	0	0
	American Indian / Alaska Native	0	1	0	0	0
	Asian	0	0	1	0	0
	Latino	0	0	0	1	0
	Multiracial / Other	0	0	0	0	1
	White	-1	-1	-1	-1	-1
childhh	Children in HH	-1				
	No Children in HH	1				

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Class Level Information						
Class	Value	Design Variables				
pfpl	0-99% FPL	1				
	100% FPL and Above	-1				
INS	No	-1				
	Yes	1				

Variance Estimation	
Method	Jackknife
Replicate Weights	CHIS_DATA_BINOMIAL_BC2
Number of Replicates	160

Model Convergence Status
Convergence criterion (GCONV=1E-8) satisfied.

Model Fit Statistics		
Criterion	Intercept Only	Intercept and Covariates
AIC	18105355	17482191
SC	18105370	17482403
-2 Log L	18105353	17482163

R-Square	0.0218	Max-rescaled R-Square	0.0461
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Testing Global Null Hypothesis: BETA=0				
Test	F Value	Num DF	Den DF	Pr > F
Likelihood Ratio	171.43	11.3728	1819.64	<.0001
Score	48.15	13	160	<.0001
Wald	39.81	13	160	<.0001
NOTE: Second-order Rao-Scott design correction 0.1431 applied to the Likelihood Ratio test.				

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Type 3 Analysis of Effects				
Effect	F Value	Num DF	Den DF	Pr > F
SRSEX	102.68	1	160	<.0001
agegroup	5.95	2	160	0.0032
CITIZEN2	68.88	2	160	<.0001
race	9.73	5	160	<.0001
childhh	15.24	1	160	0.0001
pfpl	41.59	1	160	<.0001
INS	30.01	1	160	<.0001

Analysis of Maximum Likelihood Estimates							
Parameter		nonasthmatic	Estimate	Standard Error	t Value	Pr > t	Standardized Estimate
Intercept		2 Current Asthmatic	-2.4679	0.0472	-52.25	<.0001	
SRSEX	Female	2 Current Asthmatic	0.2482	0.0245	10.13	<.0001	2.0606
agegroup	Middle Aged (40-64)	2 Current Asthmatic	0.0542	0.0280	1.93	0.0550	0.3246
agegroup	Young Adult (18-39)	2 Current Asthmatic	0.0648	0.0341	1.90	0.0590	0.3852
CITIZEN2	Non-Citizen	2 Current Asthmatic	-0.3904	0.0570	-6.85	<.0001	-1.8850
CITIZEN2	US-Born Citizen	2 Current Asthmatic	0.5018	0.0428	11.73	<.0001	3.2330
race	African American	2 Current Asthmatic	0.0749	0.0659	1.14	0.2578	0.3655
race	American Indian / Alaska Native	2 Current Asthmatic	0.4375	0.1296	3.38	0.0009	1.8299
race	Asian	2 Current Asthmatic	-0.3231	0.0825	-3.92	0.0001	-1.8651
race	Latino	2 Current Asthmatic	-0.2700	0.0495	-5.46	<.0001	-1.9658
race	Multiracial / Other	2 Current Asthmatic	0.2244	0.0958	2.34	0.0205	1.0044
childhh	No Children in HH	2 Current Asthmatic	0.0973	0.0249	3.90	0.0001	0.7487
pfpl	0-99% FPL	2 Current Asthmatic	0.1903	0.0295	6.45	<.0001	1.1780
INS	Yes	2 Current Asthmatic	0.1826	0.0333	5.48	<.0001	1.0657
NOTE: The degrees of freedom for the t tests is 160.							

Odds Ratio Estimates				
Effect	nonasthmatic	Point Estimate	95% Confidence Limits	
SRSEX Female vs Male	2 Current Asthmatic	1.643	1.491	1.810
agegroup Middle Aged (40-64) vs Later Adult (65+)	2 Current Asthmatic	1.189	1.070	1.321
agegroup Young Adult (18-39) vs Later Adult (65+)	2 Current Asthmatic	1.202	1.061	1.361
CITIZEN2 Non-Citizen vs Naturalized Citizen	2 Current Asthmatic	0.757	0.625	0.916
CITIZEN2 US-Born Citizen vs Naturalized Citizen	2 Current Asthmatic	1.846	1.603	2.127
race African American vs White	2 Current Asthmatic	1.244	1.080	1.433
NOTE: The degrees of freedom in computing the confidence limits is 160.				

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Odds Ratio Estimates					
Effect		nonasthmatic	Point Estimate	95% Confidence Limits	
race	American Indian / Alaska Native vs White	2 Current Asthmatic	1.788	1.331	2.403
race	Asian vs White	2 Current Asthmatic	0.836	0.696	1.004
race	Latino vs White	2 Current Asthmatic	0.881	0.794	0.978
race	Multiracial / Other vs White	2 Current Asthmatic	1.445	1.171	1.782
childhh	No Children in HH vs Children in HH	2 Current Asthmatic	1.215	1.101	1.341
pfpl	0-99% FPL vs 100% FPL and Above	2 Current Asthmatic	1.463	1.302	1.644
INS	Yes vs No	2 Current Asthmatic	1.441	1.263	1.643
NOTE: The degrees of freedom in computing the confidence limits is 160.					

Association of Predicted Probabilities and Observed Responses			
Percent Concordant	42.1	Somers' D	0.172
Percent Discordant	24.9	Gamma	0.257
Percent Tied	33.0	Tau-a	0.044
Pairs	2118195681.5	c	0.586

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Estimated Covariance Matrix				
Parameter	Intercept_2 Current Asthmatic	SRSEXFemale_2 Current Asthmatic	agegroupMiddle Aged (40-64)_2 Cu	agegroupYoung Adult (18-39)_2 Cu
Intercept_2 Current Asthmatic	0.002231	-0.00018	-0.00031	-0.00015
SRSEXFemale_2 Current Asthmatic	-0.00018	0.0006	0.000051	-0.00009
agegroupMiddle Aged (40-64)_2 Cu	-0.00031	0.000051	0.000784	-0.00036
agegroupYoung Adult (18-39)_2 Cu	-0.00015	-0.00009	-0.00036	0.00116
CITIZEN2Non-Citizen_2 Current As	0.000365	-4E-6	-0.0003	0.000378
CITIZEN2US-Born Citizen_2 Curren	-0.00078	-0.00014	0.000217	-0.00028
raceAfrican American_2 Current A	-0.00008	0.000224	-0.00026	0.000365
raceAmerican Indian / Alaska Nat	0.001917	-0.00021	-0.00024	0.000454
raceAsian_2 Current Asthmatic	-0.00073	0.000012	0.000402	-0.00071
raceLatino_2 Current Asthmatic	-0.001	0.000144	-0.00001	-0.0003
raceMultiracial / Other_2 Curren	0.000503	-0.0002	0.00002	4.452E-6
childhhNo Children in HH_2 Curre	-0.00041	0.00007	0.00013	0.000188
pfpl0-99% FPL_2 Current Asthmati	0.000233	-0.00011	0.000209	-0.00028
INSYes_2 Current Asthmatic	-0.00043	-0.00004	0.000041	0.000121

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Estimated Covariance Matrix					
Parameter	CITIZEN2Non-Citizen_2 Current As	CITIZEN2US-Born Citizen_2 Curren	raceAfrican American_2 Current A	raceAmerican Indian / Alaska Nat	raceAsian_2 Current Asthmatic
Intercept_2 Current Asthmatic	0.000365	-0.00078	-0.00008	0.001917	-0.00073
SRSEXFemale_2 Current Asthmatic	-4E-6	-0.00014	0.000224	-0.00021	0.000012
agegroupMiddle Aged (40-64)_2 Cu	-0.0003	0.000217	-0.00026	-0.00024	0.000402
agegroupYoung Adult (18-39)_2 Cu	0.000378	-0.00028	0.000365	0.000454	-0.00071
CITIZEN2Non-Citizen_2 Current As	0.003252	-0.00136	0.000465	-0.00035	-0.00049
CITIZEN2US-Born Citizen_2 Curren	-0.00136	0.00183	-0.00005	0.000252	0.001009
raceAfrican American_2 Current A	0.000465	-0.00005	0.004347	-0.00192	-0.00055
raceAmerican Indian / Alaska Nat	-0.00035	0.000252	-0.00192	0.016794	-0.00533
raceAsian_2 Current Asthmatic	-0.00049	0.001009	-0.00055	-0.00533	0.006807
raceLatino_2 Current Asthmatic	0.000245	0.000103	-0.00035	-0.00248	0.00048
raceMultiracial / Other_2 Curren	-0.00054	-0.00033	-0.00191	-0.00504	-0.00125
childhhNo Children in HH_2 Curre	0.000015	-0.00008	0.000149	-0.00004	0.000093
pfpl0-99% FPL_2 Current Asthmati	-0.00033	0.000198	-0.00007	-0.0001	0.000364
INSYes_2 Current Asthmatic	0.00025	-0.00017	-0.0001	0.000165	-0.00004

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Estimated Covariance Matrix					
Parameter	raceLatino_2 Current Asthmatic	raceMultiracial / Other_2 Curren	childhhNo Children in HH_2 Curre	pfpl0-99% FPL_2 Current Asthmati	INSYes_2 Current Asthmatic
Intercept_2 Current Asthmatic	-0.001	0.000503	-0.00041	0.000233	-0.00043
SRSEXFemale_2 Current Asthmatic	0.000144	-0.0002	0.00007	-0.00011	-0.00004
agegroupMiddle Aged (40-64)_2 Cu	-0.00001	0.00002	0.00013	0.000209	0.000041
agegroupYoung Adult (18-39)_2 Cu	-0.0003	4.452E-6	0.000188	-0.00028	0.000121
CITIZEN2Non-Citizen_2 Current As	0.000245	-0.00054	0.000015	-0.00033	0.00025
CITIZEN2US-Born Citizen_2 Curren	0.000103	-0.00033	-0.00008	0.000198	-0.00017
raceAfrican American_2 Current A	-0.00035	-0.00191	0.000149	-0.00007	-0.0001
raceAmerican Indian / Alaska Nat	-0.00248	-0.00504	-0.00004	-0.0001	0.000165
raceAsian_2 Current Asthmatic	0.00048	-0.00125	0.000093	0.000364	-0.00004
raceLatino_2 Current Asthmatic	0.00245	-0.0007	0.000066	-0.00034	-0.00014
raceMultiracial / Other_2 Curren	-0.0007	0.009187	-0.0004	0.00012	0.00014
childhhNo Children in HH_2 Curre	0.000066	-0.0004	0.000621	0.000147	0.000011
pfpl0-99% FPL_2 Current Asthmati	-0.00034	0.00012	0.000147	0.000871	0.000174
INSYes_2 Current Asthmatic	-0.00014	0.00014	0.000011	0.000174	0.001111

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Estimated Correlation Matrix				
Parameter	Intercept_2 Current Asthmatic	SRSEXFemale_2 Current Asthmatic	agegroupMiddle Aged (40-64)_2 Cu	agegroupYoung Adult (18-39)_2 Cu
Intercept_2 Current Asthmatic	1.0000	-0.1532	-0.2319	-0.0926
SRSEXFemale_2 Current Asthmatic	-0.1532	1.0000	0.0739	-0.1065
agegroupMiddle Aged (40-64)_2 Cu	-0.2319	0.0739	1.0000	-0.3825
agegroupYoung Adult (18-39)_2 Cu	-0.0926	-0.1065	-0.3825	1.0000
CITIZEN2Non-Citizen_2 Current As	0.1353	-0.0029	-0.1850	0.1946
CITIZEN2US-Born Citizen_2 Curren	-0.3870	-0.1370	0.1814	-0.1928
raceAfrican American_2 Current A	-0.0250	0.1387	-0.1423	0.1626
raceAmerican Indian / Alaska Nat	0.3131	-0.0654	-0.0651	0.1029
raceAsian_2 Current Asthmatic	-0.1861	0.0059	0.1738	-0.2523
raceLatino_2 Current Asthmatic	-0.4284	0.1186	-0.0090	-0.1797
raceMultiracial / Other_2 Curren	0.1111	-0.0843	0.0073	0.0014
childhhNo Children in HH_2 Curre	-0.3475	0.1143	0.1862	0.2210
pfpl0-99% FPL_2 Current Asthmati	0.1669	-0.1548	0.2524	-0.2780
INSYes_2 Current Asthmatic	-0.2735	-0.0546	0.0440	0.1067

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Estimated Correlation Matrix					
Parameter	CITIZEN2Non-Citizen_2 Current As	CITIZEN2US-Born Citizen_2 Curren	raceAfrican American_2 Current A	raceAmerican Indian / Alaska Nat	raceAsian_2 Current Asthmatic
Intercept_2 Current Asthmatic	0.1353	-0.3870	-0.0250	0.3131	-0.1861
SRSEXFemale_2 Current Asthmatic	-0.0029	-0.1370	0.1387	-0.0654	0.0059
agegroupMiddle Aged (40-64)_2 Cu	-0.1850	0.1814	-0.1423	-0.0651	0.1738
agegroupYoung Adult (18-39)_2 Cu	0.1946	-0.1928	0.1626	0.1029	-0.2523
CITIZEN2Non-Citizen_2 Current As	1.0000	-0.5572	0.1236	-0.0478	-0.1045
CITIZEN2US-Born Citizen_2 Curren	-0.5572	1.0000	-0.1764	0.0455	0.2858
raceAfrican American_2 Current A	0.1236	-0.1764	1.0000	-0.2247	-0.1003
raceAmerican Indian / Alaska Nat	-0.0478	0.0455	-0.2247	1.0000	-0.4989
raceAsian_2 Current Asthmatic	-0.1045	0.2858	-0.1003	-0.4989	1.0000
raceLatino_2 Current Asthmatic	0.0867	0.0485	-0.1062	-0.3862	0.1176
raceMultiracial / Other_2 Curren	-0.0986	-0.0805	-0.3015	-0.4056	-0.1577
childhhNo Children in HH_2 Curre	0.0109	-0.0774	0.0909	-0.0112	0.0454
pfpl0-99% FPL_2 Current Asthmati	-0.1990	0.1565	-0.0378	-0.0249	0.1494
INSYes_2 Current Asthmatic	0.1313	-0.1222	-0.0448	0.0381	-0.0159

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Estimated Correlation Matrix					
Parameter	raceLatino_2 Current Asthmatic	raceMultiracial / Other_2 Curren	childhhNo Children in HH_2 Curre	pfpl0-99% FPL_2 Current Asthmati	INSYes_2 Current Asthmatic
Intercept_2 Current Asthmatic	-0.4284	0.1111	-0.3475	0.1669	-0.2735
SRSEXFemale_2 Current Asthmatic	0.1186	-0.0843	0.1143	-0.1548	-0.0546
agegroupMiddle Aged (40-64)_2 Cu	-0.0090	0.0073	0.1862	0.2524	0.0440
agegroupYoung Adult (18-39)_2 Cu	-0.1797	0.0014	0.2210	-0.2780	0.1067
CITIZEN2Non-Citizen_2 Current As	0.0867	-0.0986	0.0109	-0.1990	0.1313
CITIZEN2US-Born Citizen_2 Curren	0.0485	-0.0805	-0.0774	0.1565	-0.1222
raceAfrican American_2 Current A	-0.1062	-0.3015	0.0909	-0.0378	-0.0448
raceAmerican Indian / Alaska Nat	-0.3862	-0.4056	-0.0112	-0.0249	0.0381
raceAsian_2 Current Asthmatic	0.1176	-0.1577	0.0454	0.1494	-0.0159
raceLatino_2 Current Asthmatic	1.0000	-0.1474	0.0536	-0.2327	-0.0841
raceMultiracial / Other_2 Curren	-0.1474	1.0000	-0.1687	0.0425	0.0438
childhhNo Children in HH_2 Curre	0.0536	-0.1687	1.0000	0.1996	0.0130
pfpl0-99% FPL_2 Current Asthmati	-0.2327	0.0425	0.1996	1.0000	0.1764
INSYes_2 Current Asthmatic	-0.0841	0.0438	0.0130	0.1764	1.0000

Classification Table									
	Correct		Incorrect		Percentages				
Prob Level	Event	Non- Event	Event	Non- Event	Correct	Sensi- tivity	Speci- ficity	Pos Pred	Neg Pred
0.852	240	11E4	1031	13350	88.5	1.8	99.1	18.9	89.2

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Domain Analysis for domain analyzeData=1

Model Information		
Data Set	CHIS.CHIS_DATA_BINOMIAL_BC2	
Response Variable	nonasthmatic	Non-Asthmatic
Number of Response Levels	2	
Weight Variable	fnwgt0	
Model	Generalized Logit	
Optimization Technique	Newton-Raphson	

Number of Observations Read	124521
Number of Observations Used	124521
Sum of Weights Read	26984609
Sum of Weights Used	26984609

Response Profile			
Ordered Value	nonasthmatic	Total Frequency	Total Weight
1	1 Non-Asthmatic	106120	24218720
2	2 Current Asthmatic	13590	2765889

Logits modeled use nonasthmatic='1 Non-Asthmatic' as the reference category.

Class Level Information						
Class	Value	Design Variables				
SRSEX	Female	1				
	Male	-1				
agegroup	Later Adult (65+)	-1	-1			
	Middle Aged (40-64)	1	0			
	Young Adult (18-39)	0	1			
CITIZEN2	Naturalized Citizen	-1	-1			
	Non-Citizen	1	0			
	US-Born Citizen	0	1			
race	African American	1	0	0	0	0
	American Indian / Alaska Native	0	1	0	0	0
	Asian	0	0	1	0	0
	Latino	0	0	0	1	0
	Multiracial / Other	0	0	0	0	1
	White	-1	-1	-1	-1	-1
childhh	Children in HH	-1				

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Domain Analysis for domain analyzeData=1

Class Level Information						
Class	Value	Design Variables				
	No Children in HH	1				
pfpl	0-99% FPL	1				
	100% FPL and Above	-1				
INS	No	-1				
	Yes	1				

Domain Summary	
Number of Observations	124521
Number of Observations in Domain	119710
Number of Observations not in Domain	4811
Sum of Weights in Domain	26984609

Variance Estimation	
Method	Jackknife
Replicate Weights	CHIS_DATA_BINOMIAL_BC2
Number of Replicates	160

Model Convergence Status
Convergence criterion (GCONV=1E-8) satisfied.

Model Fit Statistics		
Criterion	Intercept Only	Intercept and Covariates
AIC	17838929	17195516
SC	17838944	17195728
-2 Log L	17838927	17195488

R-Square	0.0236	Max-rescaled R-Square	0.0487
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Domain Analysis for domain analyzeData=1

Testing Global Null Hypothesis: BETA=0				
Test	F Value	Num DF	Den DF	Pr > F
Likelihood Ratio	177.03	11.3897	1822.35	<.0001
Score	48.93	13	160	<.0001
Wald	40.31	13	160	<.0001
<p>NOTE: Second-order Rao-Scott design correction 0.1414 applied to the Likelihood Ratio test.</p>				

Type 3 Analysis of Effects				
Effect	F Value	Num DF	Den DF	Pr > F
SRSEX	95.06	1	160	<.0001
agegroup	7.57	2	160	0.0007
CITIZEN2	73.34	2	160	<.0001
race	10.34	5	160	<.0001
childhh	15.72	1	160	0.0001
pfpl	38.55	1	160	<.0001
INS	31.74	1	160	<.0001

Analysis of Maximum Likelihood Estimates							
Parameter		nonasthmatic	Estimate	Standard Error	t Value	Pr > t	Standardized Estimate
Intercept		2 Current Asthmatic	-2.4314	0.0475	-51.14	<.0001	
SRSEX	Female	2 Current Asthmatic	0.2397	0.0246	9.75	<.0001	1.9444
agegroup	Middle Aged (40-64)	2 Current Asthmatic	0.0484	0.0280	1.73	0.0860	0.2853
agegroup	Young Adult (18-39)	2 Current Asthmatic	0.0878	0.0344	2.55	0.0117	0.5105
CITIZEN2	Non-Citizen	2 Current Asthmatic	-0.4090	0.0569	-7.19	<.0001	-1.9490
CITIZEN2	US-Born Citizen	2 Current Asthmatic	0.5217	0.0431	12.10	<.0001	3.2966
race	African American	2 Current Asthmatic	0.0793	0.0665	1.19	0.2350	0.3775
race	American Indian / Alaska Native	2 Current Asthmatic	0.4378	0.1311	3.34	0.0010	1.7896
race	Asian	2 Current Asthmatic	-0.3226	0.0835	-3.86	0.0002	-1.8203
race	Latino	2 Current Asthmatic	-0.2766	0.0492	-5.62	<.0001	-1.9705
race	Multiracial / Other	2 Current Asthmatic	0.2373	0.0968	2.45	0.0154	1.0363
childhh	No Children in HH	2 Current Asthmatic	0.0991	0.0250	3.96	0.0001	0.7460
pfpl	0-99% FPL	2 Current Asthmatic	0.1857	0.0299	6.21	<.0001	1.1288
INS	Yes	2 Current Asthmatic	0.1889	0.0335	5.63	<.0001	1.0818

NOTE: The degrees of freedom for the t tests is 160.

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Domain Analysis for domain analyzeData=1

Odds Ratio Estimates				
Effect	nonasthmatic	Point Estimate	95% Confidence Limits	
SRSEX Female vs Male	2 Current Asthmatic	1.615	1.466	1.780
agegroup Middle Aged (40-64) vs Later Adult (65+)	2 Current Asthmatic	1.203	1.083	1.336
agegroup Young Adult (18-39) vs Later Adult (65+)	2 Current Asthmatic	1.251	1.104	1.418
CITIZEN2 Non-Citizen vs Naturalized Citizen	2 Current Asthmatic	0.744	0.614	0.900
CITIZEN2 US-Born Citizen vs Naturalized Citizen	2 Current Asthmatic	1.886	1.634	2.177
race African American vs White	2 Current Asthmatic	1.264	1.096	1.458
race American Indian / Alaska Native vs White	2 Current Asthmatic	1.809	1.343	2.438
race Asian vs White	2 Current Asthmatic	0.846	0.703	1.017
race Latino vs White	2 Current Asthmatic	0.886	0.797	0.984
race Multiracial / Other vs White	2 Current Asthmatic	1.481	1.198	1.830
childhh No Children in HH vs Children in HH	2 Current Asthmatic	1.219	1.105	1.346
pfpl 0-99% FPL vs 100% FPL and Above	2 Current Asthmatic	1.450	1.288	1.632
INS Yes vs No	2 Current Asthmatic	1.459	1.278	1.666
NOTE: The degrees of freedom in computing the confidence limits is 160.				

Association of Predicted Probabilities and Observed Responses			
Percent Concordant	59.7	Somers' D	0.247
Percent Discordant	35.0	Gamma	0.260
Percent Tied	5.2	Tau-a	0.050
Pairs	1442170800	c	0.623

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Domain Analysis for domain analyzeData=1

Estimated Covariance Matrix				
Parameter	Intercept_2 Current Asthmatic	SRSEXFemale_2 Current Asthmatic	agegroupMiddle Aged (40-64)_2 Cu	agegroupYoung Adult (18-39)_2 Cu
Intercept_2 Current Asthmatic	0.00226	-0.00018	-0.00032	-0.00013
SRSEXFemale_2 Current Asthmatic	-0.00018	0.000604	0.000047	-0.0001
agegroupMiddle Aged (40-64)_2 Cu	-0.00032	0.000047	0.000786	-0.00037
agegroupYoung Adult (18-39)_2 Cu	-0.00013	-0.0001	-0.00037	0.001185
CITIZEN2Non-Citizen_2 Current As	0.000366	-4.75E-6	-0.00029	0.000376
CITIZEN2US-Born Citizen_2 Curren	-0.00081	-0.00015	0.000233	-0.00029
raceAfrican American_2 Current A	-0.00007	0.000242	-0.00028	0.00037
raceAmerican Indian / Alaska Nat	0.001909	-0.00026	-0.00019	0.000502
raceAsian_2 Current Asthmatic	-0.00075	-0.00002	0.000405	-0.00077
raceLatino_2 Current Asthmatic	-0.00099	0.000158	5.111E-6	-0.00032
raceMultiracial / Other_2 Curren	0.000533	-0.00016	-0.00004	0.000043
childhhNo Children in HH_2 Curre	-0.00041	0.000063	0.000113	0.000204
pfpl0-99% FPL_2 Current Asthmati	0.000251	-0.00011	0.000206	-0.00029
INSYes_2 Current Asthmatic	-0.00043	-0.00004	0.000048	0.000123

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The SURVEYLOGISTIC Procedure

Domain Analysis for domain analyzeData=1

Estimated Covariance Matrix					
Parameter	CITIZEN2Non-Citizen_2 Current As	CITIZEN2US-Born Citizen_2 Curren	raceAfrican American_2 Current A	raceAmerican Indian / Alaska Nat	raceAsian_2 Current Asthmatic
Intercept_2 Current Asthmatic	0.000366	-0.00081	-0.00007	0.001909	-0.00075
SRSEXFemale_2 Current Asthmatic	-4.75E-6	-0.00015	0.000242	-0.00026	-0.00002
agegroupMiddle Aged (40-64)_2 Cu	-0.00029	0.000233	-0.00028	-0.00019	0.000405
agegroupYoung Adult (18-39)_2 Cu	0.000376	-0.00029	0.00037	0.000502	-0.00077
CITIZEN2Non-Citizen_2 Current As	0.003234	-0.00135	0.000476	-0.00036	-0.00055
CITIZEN2US-Born Citizen_2 Curren	-0.00135	0.001861	-0.00052	0.000252	0.00107
raceAfrican American_2 Current A	0.000476	-0.00052	0.004424	-0.00207	-0.00052
raceAmerican Indian / Alaska Nat	-0.00036	0.000252	-0.00207	0.017192	-0.00545
raceAsian_2 Current Asthmatic	-0.00055	0.00107	-0.00052	-0.00545	0.006977
raceLatino_2 Current Asthmatic	0.000242	0.000098	-0.00035	-0.00242	0.000462
raceMultiracial / Other_2 Curren	-0.00047	-0.00036	-0.00184	-0.00519	-0.00135
childhhNo Children in HH_2 Curre	0.000018	-0.00008	0.000163	0.000026	0.00004
pfpl0-99% FPL_2 Current Asthmati	-0.00035	0.000215	-0.00008	-0.00009	0.000402
INSYes_2 Current Asthmatic	0.000269	-0.00018	-0.00012	0.00014	-0.00002

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Domain Analysis for domain analyzeData=1

Estimated Covariance Matrix					
Parameter	raceLatino_2 Current Asthmatic	raceMultiracial / Other_2 Curren	childhhNo Children in HH_2 Curre	pfpl0-99% FPL_2 Current Asthmati	INSYes_2 Current Asthmatic
Intercept_2 Current Asthmatic	-0.00099	0.000533	-0.00041	0.000251	-0.00043
SRSEXFemale_2 Current Asthmatic	0.000158	-0.00016	0.000063	-0.00011	-0.00004
agegroupMiddle Aged (40-64)_2 Cu	5.111E-6	-0.00004	0.000113	0.000206	0.000048
agegroupYoung Adult (18-39)_2 Cu	-0.00032	0.000043	0.000204	-0.00029	0.000123
CITIZEN2Non-Citizen_2 Current As	0.000242	-0.00047	0.000018	-0.00035	0.000269
CITIZEN2US-Born Citizen_2 Curren	0.000098	-0.00036	-0.00008	0.000215	-0.00018
raceAfrican American_2 Current A	-0.00035	-0.00184	0.000163	-0.00008	-0.00012
raceAmerican Indian / Alaska Nat	-0.00242	-0.00519	0.000026	-0.00009	0.00014
raceAsian_2 Current Asthmatic	0.000462	-0.00135	0.00004	0.000402	-0.00002
raceLatino_2 Current Asthmatic	0.002422	-0.00068	0.000062	-0.00036	-0.00014
raceMultiracial / Other_2 Curren	-0.00068	0.009377	-0.00041	0.000115	0.000167
childhhNo Children in HH_2 Curre	0.000062	-0.00041	0.000625	0.000126	9.789E-6
pfpl0-99% FPL_2 Current Asthmati	-0.00036	0.000115	0.000126	0.000895	0.000168
INSYes_2 Current Asthmatic	-0.00014	0.000167	9.789E-6	0.000168	0.001124

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Domain Analysis for domain analyzeData=1

Estimated Correlation Matrix				
Parameter	Intercept_2 Current Asthmatic	SRSEXFemale_2 Current Asthmatic	agegroupMiddle Aged (40-64)_2 Cu	agegroupYoung Adult (18-39)_2 Cu
Intercept_2 Current Asthmatic	1.0000	-0.1513	-0.2382	-0.0824
SRSEXFemale_2 Current Asthmatic	-0.1513	1.0000	0.0686	-0.1225
agegroupMiddle Aged (40-64)_2 Cu	-0.2382	0.0686	1.0000	-0.3858
agegroupYoung Adult (18-39)_2 Cu	-0.0824	-0.1225	-0.3858	1.0000
CITIZEN2Non-Citizen_2 Current As	0.1355	-0.0034	-0.1812	0.1918
CITIZEN2US-Born Citizen_2 Curren	-0.3934	-0.1410	0.1924	-0.1978
raceAfrican American_2 Current A	-0.0236	0.1477	-0.1507	0.1614
raceAmerican Indian / Alaska Nat	0.3063	-0.0817	-0.0505	0.1111
raceAsian_2 Current Asthmatic	-0.1878	-0.0106	0.1729	-0.2680
raceLatino_2 Current Asthmatic	-0.4233	0.1306	0.0037	-0.1875
raceMultiracial / Other_2 Curren	0.1157	-0.0661	-0.0159	0.0130
childhhNo Children in HH_2 Curre	-0.3458	0.1029	0.1615	0.2365
pfpl0-99% FPL_2 Current Asthmati	0.1767	-0.1558	0.2453	-0.2819
INSYes_2 Current Asthmatic	-0.2714	-0.0491	0.0514	0.1066

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The SURVEYLOGISTIC Procedure

Domain Analysis for domain analyzeData=1

Estimated Correlation Matrix					
Parameter	CITIZEN2Non-Citizen_2 Current As	CITIZEN2US-Born Citizen_2 Curren	raceAfrican American_2 Current A	raceAmerican Indian / Alaska Nat	raceAsian_2 Current Asthmatic
Intercept_2 Current Asthmatic	0.1355	-0.3934	-0.0236	0.3063	-0.1878
SRSEXFemale_2 Current Asthmatic	-0.0034	-0.1410	0.1477	-0.0817	-0.0106
agegroupMiddle Aged (40-64)_2 Cu	-0.1812	0.1924	-0.1507	-0.0505	0.1729
agegroupYoung Adult (18-39)_2 Cu	0.1918	-0.1978	0.1614	0.1111	-0.2680
CITIZEN2Non-Citizen_2 Current As	1.0000	-0.5511	0.1259	-0.0485	-0.1159
CITIZEN2US-Born Citizen_2 Curren	-0.5511	1.0000	-0.1827	0.0445	0.2970
raceAfrican American_2 Current A	0.1259	-0.1827	1.0000	-0.2379	-0.0945
raceAmerican Indian / Alaska Nat	-0.0485	0.0445	-0.2379	1.0000	-0.4980
raceAsian_2 Current Asthmatic	-0.1159	0.2970	-0.0945	-0.4980	1.0000
raceLatino_2 Current Asthmatic	0.0864	0.0463	-0.1057	-0.3749	0.1123
raceMultiracial / Other_2 Curren	-0.0852	-0.0861	-0.2863	-0.4091	-0.1663
childhhNo Children in HH_2 Curre	0.0128	-0.0734	0.0978	0.0080	0.0193
pfpl0-99% FPL_2 Current Asthmati	-0.2049	0.1668	-0.0391	-0.0217	0.1609
INSYes_2 Current Asthmatic	0.1412	-0.1233	-0.0535	0.0319	-0.0088

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The SURVEYLOGISTIC Procedure

Domain Analysis for domain analyzeData=1

Estimated Correlation Matrix					
Parameter	raceLatino_2 Current Asthmatic	raceMultiracial / Other_2 Curren	childhhNo Children in HH_2 Curre	pfpl0-99% FPL_2 Current Asthmati	INSYes_2 Current Asthmatic
Intercept_2 Current Asthmatic	-0.4233	0.1157	-0.3458	0.1767	-0.2714
SRSEXFemale_2 Current Asthmatic	0.1306	-0.0661	0.1029	-0.1558	-0.0491
agegroupMiddle Aged (40-64)_2 Cu	0.0037	-0.0159	0.1615	0.2453	0.0514
agegroupYoung Adult (18-39)_2 Cu	-0.1875	0.0130	0.2365	-0.2819	0.1066
CITIZEN2Non-Citizen_2 Current As	0.0864	-0.0852	0.0128	-0.2049	0.1412
CITIZEN2US-Born Citizen_2 Curren	0.0463	-0.0861	-0.0734	0.1668	-0.1233
raceAfrican American_2 Current A	-0.1057	-0.2863	0.0978	-0.0391	-0.0535
raceAmerican Indian / Alaska Nat	-0.3749	-0.4091	0.0080	-0.0217	0.0319
raceAsian_2 Current Asthmatic	0.1123	-0.1663	0.0193	0.1609	-0.0088
raceLatino_2 Current Asthmatic	1.0000	-0.1436	0.0502	-0.2477	-0.0851
raceMultiracial / Other_2 Curren	-0.1436	1.0000	-0.1683	0.0397	0.0514
childhhNo Children in HH_2 Curre	0.0502	-0.1683	1.0000	0.1684	0.0117
pfpl0-99% FPL_2 Current Asthmati	-0.2477	0.0397	0.1684	1.0000	0.1676
INSYes_2 Current Asthmatic	-0.0851	0.0514	0.0117	0.1676	1.0000

Classification Table									
Prob Level	Correct		Incorrect		Percentages				
	Event	Non- Event	Event	Non- Event	Correct	Sensi- tivity	Speci- ficity	Pos Pred	Neg Pred
0.852	266	11E4	1065	13324	88.4	2.0	99.0	20.0	89.2