CHIS_80_Hospitalizations
CHIS   CHIS_DATA_BINOMIAL_ED
PROC SURVEYLOGISTIC - April 28, 2019

The SURVEYLOGISTIC Procedure

Model Information		
Data Set	CHIS.CHIS_DATA_BINOMIAL_ED	
Response Variable	asthmaesc	ED/UC Asthma Visit
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	28246634
Sum of Weights Used	28246634

Response Profile			
Ordered Value	asthmaesc	Total Frequency	Total Weight
1	1 Asthmatic Escalation	1095	237259
2	2 No Asthma Escalation	123426	28009375

Logits modeled use asthmaesc='2 No Asthma Escalation' as the reference category.

Class Level Information						
Class	Value	Design Variables				
SRSEX	Female	1				
	Male	-1				
lateradult	Later Adult	-1				
	Young / Middle Aged	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				
pfpl	0-99% FPL	1				

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

Variance Estimation	
Method	Jackknife
Replicate Weights	CHIS_DATA_BINOMIAL_ED
Number of Replicates	160

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

Model Fit Statistics		
Criterion	Intercept Only	Intercept and Covariates
AIC	2740515.8	2580815.1
SC	2740531.0	2581012.1
-2 Log L	2740513.8	2580789.1

R-Square	0.0056	Max-rescaled R-Square	0.0610

Testing Global Null Hypothesis: BETA=0				
Test	F Value	Num DF	Den DF	Pr > F
Likelihood Ratio	44.67	10.7054	1712.87	<.0001
Score	7.93	12	160	<.0001
Wald	14.44	12	160	<.0001
NOTE: Second-order Rao-Scott design correction 0.1209 applied to the Likelihood Ratio test.				

Type 3 Analysis of Effects				
Effect	F Value	Num DF	Den DF	Pr > F
SRSEX	28.61	1	160	<.0001
lateradult	0.73	1	160	0.3928
CITIZEN2	2.45	2	160	0.0898
race	12.20	5	160	<.0001

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Type 3 Analysis of Effects				
Effect	F Value	Num DF	Den DF	Pr > F
childhh	0.32	1	160	0.5729
pfpl	29.18	1	160	<.0001
INS	3.88	1	160	0.0505

Analysis of Maximum Likelihood Estimates							
Parameter		asthmaesc	Estimate	Standard Error	t Value	Pr > |t|	Standardized Estimate
Intercept		1 Asthmatic Escalation	-4.9859	0.2177	-22.90	<.0001	
SRSEX	Female	1 Asthmatic Escalation	0.4750	0.0888	5.35	<.0001	3.9433
lateradult	Young / Middle Aged	1 Asthmatic Escalation	0.0735	0.0858	0.86	0.3928	0.4516
CITIZEN2	Non-Citizen	1 Asthmatic Escalation	-0.3048	0.2138	-1.43	0.1559	-1.4719
CITIZEN2	US-Born Citizen	1 Asthmatic Escalation	0.3266	0.1477	2.21	0.0284	2.1041
race	African American	1 Asthmatic Escalation	0.9239	0.1719	5.38	<.0001	4.5105
race	American Indian / Alaska Native	1 Asthmatic Escalation	0.2908	0.4185	0.70	0.4881	1.2165
race	Asian	1 Asthmatic Escalation	-0.7395	0.2478	-2.98	0.0033	-4.2695
race	Latino	1 Asthmatic Escalation	-0.0405	0.1474	-0.27	0.7839	-0.2947
race	Multiracial / Other	1 Asthmatic Escalation	0.0217	0.2443	0.09	0.9294	0.0970
childhh	No Children in HH	1 Asthmatic Escalation	0.0494	0.0874	0.56	0.5729	0.3798
pfpl	0-99% FPL	1 Asthmatic Escalation	0.4003	0.0741	5.40	<.0001	2.4776
INS	Yes	1 Asthmatic Escalation	0.2673	0.1356	1.97	0.0505	1.5600

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

Odds Ratio Estimates				
Effect	asthmaesc	Point Estimate	95% Confidence Limits	
SRSEX Female vs Male	1 Asthmatic Escalation	2.586	1.821	3.672
lateradult Young / Middle Aged vs Later Adult	1 Asthmatic Escalation	1.158	0.826	1.625
CITIZEN2 Non-Citizen vs Naturalized Citizen	1 Asthmatic Escalation	0.753	0.380	1.495
CITIZEN2 US-Born Citizen vs Naturalized Citizen	1 Asthmatic Escalation	1.417	0.916	2.191
race African American vs White	1 Asthmatic Escalation	3.976	2.721	5.811
race American Indian / Alaska Native vs White	1 Asthmatic Escalation	2.111	0.772	5.776
race Asian vs White	1 Asthmatic Escalation	0.753	0.417	1.360
race Latino vs White	1 Asthmatic Escalation	1.516	1.073	2.141
race Multiracial / Other vs White	1 Asthmatic Escalation	1.613	0.903	2.881
childhh No Children in HH vs Children in HH	1 Asthmatic Escalation	1.104	0.782	1.559

NOTE: The degrees of freedom in computing the confidence limits is 160.

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Odds Ratio Estimates				
Effect	asthmaesc	Point Estimate	95% Confidence Limits	
pfpl 0-99% FPL vs 100% FPL and Above	1 Asthmatic Escalation	2.227	1.662	2.984
INS Yes vs No	1 Asthmatic Escalation	1.707	0.999	2.916
NOTE: The degrees of freedom in computing the confidence limits is 160.				

Association of Predicted Probabilities and Observed Responses			
Percent Concordant	0.4	Somers' D	0.003
Percent Discordant	0.2	Gamma	0.443
Percent Tied	99.4	Tau-a	0.002
Pairs	20101233902	c	0.501

The SURVEYLOGISTIC Procedure

Estimated Covariance Matrix				
Parameter	Intercept_1 Asthmatic Escalation	SRSEXFemale_1 Asthmatic Escalati	lateradultYoung / Middle Aged_1	CITIZEN2Non-Citizen_1 Asthmatic
Intercept_1 Asthmatic Escalation	0.047396	-0.00851	-0.01086	0.008612
SRSEXFemale_1 Asthmatic Escalati	-0.00851	0.007887	0.003008	0.002888
lateradultYoung / Middle Aged_1	-0.01086	0.003008	0.007355	0.001613
CITIZEN2Non-Citizen_1 Asthmatic	0.008612	0.002888	0.001613	0.045722
CITIZEN2US-Born Citizen_1 Asthma	-0.00819	-0.00097	-0.00003	-0.02107
raceAfrican American_1 Asthmatic	-0.00522	0.00343	0.001243	-0.0014
raceAmerican Indian / Alaska Nat	0.026439	0.000599	-0.00109	0.006421
raceAsian_1 Asthmatic Escalation	0.001451	-0.00353	-0.00604	-0.00597
raceLatino_1 Asthmatic Escalatio	-0.01158	-0.00018	0.000658	-0.00173
raceMultiracial / Other_1 Asthma	0.0011	-0.00396	0.002808	0.000186
childhhNo Children in HH_1 Asthm	-0.00765	0.0017	0.00255	0.001309
pfpl0-99% FPL_1 Asthmatic Escala	0.000205	0.000182	-0.00033	-0.0061
INSYes_1 Asthmatic Escalation	-0.01836	0.001635	0.003657	0.004946

The SURVEYLOGISTIC Procedure

Estimated Covariance Matrix					
Parameter	**CITIZEN2US-Born Citizen_1 Asthma**	**raceAfrican American_1 Asthmatic**	**raceAmerican Indian / Alaska Nat**	**raceAsian_1 Asthmatic Escalation**	**raceLatino_1 Asthmatic Escalatio**
Intercept_1 Asthmatic Escalation	-0.00819	-0.00522	0.026439	0.001451	-0.01158
SRSEXFemale_1 Asthmatic Escalati	-0.00097	0.00343	0.000599	-0.00353	-0.00018
lateradultYoung / Middle Aged_1	-0.00003	0.001243	-0.00109	-0.00604	0.000658
CITIZEN2Non-Citizen_1 Asthmatic	-0.02107	-0.0014	0.006421	-0.00597	-0.00173
CITIZEN2US-Born Citizen_1 Asthma	0.021819	-0.0047	0.000306	0.010807	0.002153
raceAfrican American_1 Asthmatic	-0.0047	0.029548	-0.03441	-0.00563	0.000838
raceAmerican Indian / Alaska Nat	0.000306	-0.03441	0.175102	-0.03803	-0.027
raceAsian_1 Asthmatic Escalation	0.010807	-0.00563	-0.03803	0.061406	-0.00091
raceLatino_1 Asthmatic Escalatio	0.002153	0.000838	-0.027	-0.00091	0.021716
raceMultiracial / Other_1 Asthma	-0.00221	0.002232	-0.04446	-0.01392	-0.00132
childhhNo Children in HH_1 Asthm	-0.00272	-0.00079	0.001394	-0.00202	0.000455
pfpl0-99% FPL_1 Asthmatic Escala	0.001176	0.000131	-0.00349	0.001324	-0.00136
INSYes_1 Asthmatic Escalation	-0.00337	-0.00199	-0.00157	-0.00088	0.002166

The SURVEYLOGISTIC Procedure

Estimated Covariance Matrix				
Parameter	raceMultiracial / Other_1 Asthma	childhhNo Children in HH_1 Asthm	pfpl0-99% FPL_1 Asthmatic Escala	INSYes_1 Asthmatic Escalation
Intercept_1 Asthmatic Escalation	0.0011	-0.00765	0.000205	-0.01836
SRSEXFemale_1 Asthmatic Escalati	-0.00396	0.0017	0.000182	0.001635
lateradultYoung / Middle Aged_1	0.002808	0.00255	-0.00033	0.003657
CITIZEN2Non-Citizen_1 Asthmatic	0.000186	0.001309	-0.0061	0.004946
CITIZEN2US-Born Citizen_1 Asthma	-0.00221	-0.00272	0.001176	-0.00337
raceAfrican American_1 Asthmatic	0.002232	-0.00079	0.000131	-0.00199
raceAmerican Indian / Alaska Nat	-0.04446	0.001394	-0.00349	-0.00157
raceAsian_1 Asthmatic Escalation	-0.01392	-0.00202	0.001324	-0.00088
raceLatino_1 Asthmatic Escalatio	-0.00132	0.000455	-0.00136	0.002166
raceMultiracial / Other_1 Asthma	0.059664	-0.001	0.000698	0.001274
childhhNo Children in HH_1 Asthm	-0.001	0.007634	0.000764	0.003911
pfpl0-99% FPL_1 Asthmatic Escala	0.000698	0.000764	0.005492	-0.00118
INSYes_1 Asthmatic Escalation	0.001274	0.003911	-0.00118	0.018399

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Estimated Correlation Matrix				
Parameter	Intercept_1 Asthmatic Escalation	SRSEXFemale_1 Asthmatic Escalati	lateradultYoung / Middle Aged_1	CITIZEN2Non-Citizen_1 Asthmatic
Intercept_1 Asthmatic Escalation	1.0000	-0.4399	-0.5816	0.1850
SRSEXFemale_1 Asthmatic Escalati	-0.4399	1.0000	0.3950	0.1521
lateradultYoung / Middle Aged_1	-0.5816	0.3950	1.0000	0.0880
CITIZEN2Non-Citizen_1 Asthmatic	0.1850	0.1521	0.0880	1.0000
CITIZEN2US-Born Citizen_1 Asthma	-0.2546	-0.0740	-0.0023	-0.6672
raceAfrican American_1 Asthmatic	-0.1394	0.2247	0.0843	-0.0381
raceAmerican Indian / Alaska Nat	0.2902	0.0161	-0.0305	0.0718
raceAsian_1 Asthmatic Escalation	0.0269	-0.1606	-0.2840	-0.1126
raceLatino_1 Asthmatic Escalatio	-0.3609	-0.0134	0.0521	-0.0550
raceMultiracial / Other_1 Asthma	0.0207	-0.1824	0.1341	0.0036
childhhNo Children in HH_1 Asthm	-0.4023	0.2190	0.3403	0.0701
pfpl0-99% FPL_1 Asthmatic Escala	0.0127	0.0277	-0.0523	-0.3851
INSYes_1 Asthmatic Escalation	-0.6219	0.1357	0.3144	0.1705

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Estimated Correlation Matrix					
Parameter	CITIZEN2US-Born Citizen_1 Asthma	raceAfrican American_1 Asthmatic	raceAmerican Indian / Alaska Nat	raceAsian_1 Asthmatic Escalation	raceLatino_1 Asthmatic Escalatio
Intercept_1 Asthmatic Escalation	-0.2546	-0.1394	0.2902	0.0269	-0.3609
SRSEXFemale_1 Asthmatic Escalati	-0.0740	0.2247	0.0161	-0.1606	-0.0134
lateradultYoung / Middle Aged_1	-0.0023	0.0843	-0.0305	-0.2840	0.0521
CITIZEN2Non-Citizen_1 Asthmatic	-0.6672	-0.0381	0.0718	-0.1126	-0.0550
CITIZEN2US-Born Citizen_1 Asthma	1.0000	-0.1851	0.0050	0.2952	0.0989
raceAfrican American_1 Asthmatic	-0.1851	1.0000	-0.4785	-0.1321	0.0331
raceAmerican Indian / Alaska Nat	0.0050	-0.4785	1.0000	-0.3668	-0.4379
raceAsian_1 Asthmatic Escalation	0.2952	-0.1321	-0.3668	1.0000	-0.0248
raceLatino_1 Asthmatic Escalatio	0.0989	0.0331	-0.4379	-0.0248	1.0000
raceMultiracial / Other_1 Asthma	-0.0614	0.0532	-0.4350	-0.2299	-0.0367
childhhNo Children in HH_1 Asthm	-0.2109	-0.0529	0.0381	-0.0932	0.0354
pfpl0-99% FPL_1 Asthmatic Escala	0.1075	0.0103	-0.1126	0.0721	-0.1244
INSYes_1 Asthmatic Escalation	-0.1680	-0.0855	-0.0276	-0.0261	0.1084

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Estimated Correlation Matrix				
Parameter	raceMultiracial / Other_1 Asthma	childhhNo Children in HH_1 Asthm	pfpl0-99% FPL_1 Asthmatic Escala	INSYes_1 Asthmatic Escalation
Intercept_1 Asthmatic Escalation	0.0207	-0.4023	0.0127	-0.6219
SRSEXFemale_1 Asthmatic Escalati	-0.1824	0.2190	0.0277	0.1357
lateradultYoung / Middle Aged_1	0.1341	0.3403	-0.0523	0.3144
CITIZEN2Non-Citizen_1 Asthmatic	0.0036	0.0701	-0.3851	0.1705
CITIZEN2US-Born Citizen_1 Asthma	-0.0614	-0.2109	0.1075	-0.1680
raceAfrican American_1 Asthmatic	0.0532	-0.0529	0.0103	-0.0855
raceAmerican Indian / Alaska Nat	-0.4350	0.0381	-0.1126	-0.0276
raceAsian_1 Asthmatic Escalation	-0.2299	-0.0932	0.0721	-0.0261
raceLatino_1 Asthmatic Escalatio	-0.0367	0.0354	-0.1244	0.1084
raceMultiracial / Other_1 Asthma	1.0000	-0.0467	0.0386	0.0384
childhhNo Children in HH_1 Asthm	-0.0467	1.0000	0.1179	0.3300
pfpl0-99% FPL_1 Asthmatic Escala	0.0386	0.1179	1.0000	-0.1172
INSYes_1 Asthmatic Escalation	0.0384	0.3300	-0.1172	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	42	123E3	602	1053	98.7	3.8	99.5	6.5	99.1

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Domain Analysis for domain analyzeData=1

Model Information		
Data Set	CHIS.CHIS_DATA_BINOMIAL_ED	
Response Variable	asthmaesc	ED/UC Asthma Visit
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	2765889
Sum of Weights Used	2765889

Response Profile			
Ordered Value	asthmaesc	Total Frequency	Total Weight
1	1 Asthmatic Escalation	1095	237258.9
2	2 No Asthma Escalation	12495	2528630.5

Logits modeled use asthmaesc='2 No Asthma Escalation' as the reference category.

Class Level Information						
Class	Value	Design Variables				
SRSEX	Female	1				
	Male	-1				
lateradult	Later Adult	-1				
	Young / Middle Aged	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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Domain Analysis for domain analyzeData=1

Class Level Information						
Class	**Value**	**Design Variables**				
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	13590
Number of Observations not in Domain	110931
Sum of Weights in Domain	2765889.4

Variance Estimation	
Method	Jackknife
Replicate Weights	CHIS_DATA_BINOMIAL_ED
Number of Replicates	160

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

Model Fit Statistics		
Criterion	**Intercept Only**	**Intercept and Covariates**
AIC	1618958.7	1535387.0
SC	1618971.5	1535553.8
-2 Log L	1618956.7	1535361.0

R-Square	0.0298	**Max-rescaled R-Square**	0.0672

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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	25.71	10.6801	1708.81	<.0001
Score	5.45	12	160	<.0001
Wald	9.11	12	160	<.0001
NOTE: Second-order Rao-Scott design correction 0.1236 applied to the Likelihood Ratio test.				

Type 3 Analysis of Effects				
Effect	**F Value**	**Num DF**	**Den DF**	**Pr > F**
SRSEX	7.44	1	160	0.0071
lateradult	0.09	1	160	0.7609
CITIZEN2	0.64	2	160	0.5301
race	11.78	5	160	<.0001
childhh	0.28	1	160	0.6003
pfpl	12.15	1	160	0.0006
INS	0.42	1	160	0.5201

Analysis of Maximum Likelihood Estimates							
Parameter		**asthmaesc**	**Estimate**	**Standard Error**	**t Value**	**Pr > |t|**	**Standardized Estimate**
Intercept		**1 Asthmatic Escalation**	-2.2245	0.2289	-9.72	<.0001	
SRSEX	**Female**	**1 Asthmatic Escalation**	0.2452	0.0899	2.73	0.0071	0.6175
lateradult	**Young / Middle Aged**	**1 Asthmatic Escalation**	-0.0268	0.0879	-0.30	0.7609	-0.0521
CITIZEN2	**Non-Citizen**	**1 Asthmatic Escalation**	0.0547	0.2225	0.25	0.8063	0.0618
CITIZEN2	**US-Born Citizen**	**1 Asthmatic Escalation**	-0.1614	0.1571	-1.03	0.3057	-0.2771
race	**African American**	**1 Asthmatic Escalation**	0.9398	0.1752	5.36	<.0001	1.5587
race	**American Indian / Alaska Native**	**1 Asthmatic Escalation**	-0.0920	0.4408	-0.21	0.8349	-0.1240
race	**Asian**	**1 Asthmatic Escalation**	-0.4716	0.2641	-1.79	0.0761	-0.8091
race	**Latino**	**1 Asthmatic Escalation**	0.1977	0.1565	1.26	0.2081	0.4363
race	**Multiracial / Other**	**1 Asthmatic Escalation**	-0.2018	0.2702	-0.75	0.4564	-0.3008
childhh	**No Children in HH**	**1 Asthmatic Escalation**	-0.0502	0.0956	-0.53	0.6003	-0.1155
pfpl	**0-99% FPL**	**1 Asthmatic Escalation**	0.2599	0.0746	3.49	0.0006	0.5307
INS	**Yes**	**1 Asthmatic Escalation**	0.0921	0.1430	0.64	0.5201	0.1396
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	asthmaesc	Point Estimate	95% Confidence Limits	
SRSEX Female vs Male	1 Asthmatic Escalation	1.633	1.145	2.329
lateradult Young / Middle Aged vs Later Adult	1 Asthmatic Escalation	0.948	0.670	1.341
CITIZEN2 Non-Citizen vs Naturalized Citizen	1 Asthmatic Escalation	0.949	0.455	1.980
CITIZEN2 US-Born Citizen vs Naturalized Citizen	1 Asthmatic Escalation	0.765	0.464	1.261
race African American vs White	1 Asthmatic Escalation	3.713	2.505	5.505
race American Indian / Alaska Native vs White	1 Asthmatic Escalation	1.323	0.456	3.844
race Asian vs White	1 Asthmatic Escalation	0.905	0.483	1.698
race Latino vs White	1 Asthmatic Escalation	1.768	1.256	2.488
race Multiracial / Other vs White	1 Asthmatic Escalation	1.186	0.618	2.275
childhh No Children in HH vs Children in HH	1 Asthmatic Escalation	0.904	0.620	1.320
pfpl 0-99% FPL vs 100% FPL and Above	1 Asthmatic Escalation	1.682	1.253	2.258
INS Yes vs No	1 Asthmatic Escalation	1.202	0.684	2.115
NOTE: The degrees of freedom in computing the confidence limits is 160.				

Association of Predicted Probabilities and Observed Responses			
Percent Concordant	60.7	Somers' D	0.265
Percent Discordant	34.2	Gamma	0.279
Percent Tied	5.1	Tau-a	0.039
Pairs	13682025	c	0.632

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Domain Analysis for domain analyzeData=1

Parameter	Intercept_1 Asthmatic Escalation	SRSEXFemale_1 Asthmatic Escalati	lateradultYoung / Middle Aged_1	CITIZEN2Non-Citizen_1 Asthmatic
Estimated Covariance Matrix				
Intercept_1 Asthmatic Escalation	0.052373	-0.00849	-0.01109	0.00812
SRSEXFemale_1 Asthmatic Escalati	-0.00849	0.008085	0.002715	0.001556
lateradultYoung / Middle Aged_1	-0.01109	0.002715	0.007735	0.001567
CITIZEN2Non-Citizen_1 Asthmatic	0.00812	0.001556	0.001567	0.049525
CITIZEN2US-Born Citizen_1 Asthma	-0.01023	-0.00018	-0.00098	-0.02105
raceAfrican American_1 Asthmatic	-0.00193	0.002669	-0.00009	-0.00078
raceAmerican Indian / Alaska Nat	0.024383	-1.46E-6	-0.00196	0.002919
raceAsian_1 Asthmatic Escalation	-0.00518	-0.0003	-0.0036	0.002249
raceLatino_1 Asthmatic Escalatio	-0.01184	-0.00006	0.001238	-0.00508
raceMultiracial / Other_1 Asthma	0.008287	-0.00612	0.001871	-0.00245
childhhNo Children in HH_1 Asthm	-0.00957	0.00142	0.002818	0.001854
pfpl0-99% FPL_1 Asthmatic Escala	0.000982	0.00007	-0.00101	-0.00508
INSYes_1 Asthmatic Escalation	-0.01998	0.000948	0.004071	0.005705

The SURVEYLOGISTIC Procedure

Domain Analysis for domain analyzeData=1

Estimated Covariance Matrix					
Parameter	CITIZEN2US-Born Citizen_1 Asthma	raceAfrican American_1 Asthmatic	raceAmerican Indian / Alaska Nat	raceAsian_1 Asthmatic Escalation	raceLatino_1 Asthmatic Escalatio
Intercept_1 Asthmatic Escalation	-0.01023	-0.00193	0.024383	-0.00518	-0.01184
SRSEXFemale_1 Asthmatic Escalati	-0.00018	0.002669	-1.46E-6	-0.0003	-0.00006
lateradultYoung / Middle Aged_1	-0.00098	-0.00009	-0.00196	-0.0036	0.001238
CITIZEN2Non-Citizen_1 Asthmatic	-0.02105	-0.00078	0.002919	0.002249	-0.00508
CITIZEN2US-Born Citizen_1 Asthma	0.024678	-0.00669	0.002864	0.012999	0.001879
raceAfrican American_1 Asthmatic	-0.00669	0.030689	-0.03823	-0.0044	0.002051
raceAmerican Indian / Alaska Nat	0.002864	-0.03823	0.194323	-0.03894	-0.03265
raceAsian_1 Asthmatic Escalation	0.012999	-0.0044	-0.03894	0.069756	-0.00321
raceLatino_1 Asthmatic Escalatio	0.001879	0.002051	-0.03265	-0.00321	0.024479
raceMultiracial / Other_1 Asthma	-0.00349	0.001624	-0.04867	-0.02017	-0.00074
childhhNo Children in HH_1 Asthm	-0.00245	-0.00129	0.001042	-0.00027	0.000011
pfpl0-99% FPL_1 Asthmatic Escala	0.001422	-0.00009	-0.00428	0.000883	-0.00011
INSYes_1 Asthmatic Escalation	-0.00227	-0.00352	0.006269	0.000385	-4.26E-6

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The SURVEYLOGISTIC Procedure

Domain Analysis for domain analyzeData=1

Estimated Covariance Matrix				
Parameter	**raceMultiracial / Other_1 Asthma**	**childhhNo Children in HH_1 Asthm**	**pfpl0-99% FPL_1 Asthmatic Escala**	**INSYes_1 Asthmatic Escalation**
Intercept_1 Asthmatic Escalation	0.008287	-0.00957	0.000982	-0.01998
SRSEXFemale_1 Asthmatic Escalati	-0.00612	0.00142	0.00007	0.000948
lateradultYoung / Middle Aged_1	0.001871	0.002818	-0.00101	0.004071
CITIZEN2Non-Citizen_1 Asthmatic	-0.00245	0.001854	-0.00508	0.005705
CITIZEN2US-Born Citizen_1 Asthma	-0.00349	-0.00245	0.001422	-0.00227
raceAfrican American_1 Asthmatic	0.001624	-0.00129	-0.00009	-0.00352
raceAmerican Indian / Alaska Nat	-0.04867	0.001042	-0.00428	0.006269
raceAsian_1 Asthmatic Escalation	-0.02017	-0.00027	0.000883	0.000385
raceLatino_1 Asthmatic Escalatio	-0.00074	0.000011	-0.00011	-4.26E-6
raceMultiracial / Other_1 Asthma	0.073033	-0.00166	0.001171	-0.00315
childhhNo Children in HH_1 Asthm	-0.00166	0.009144	0.00046	0.004878
pfpl0-99% FPL_1 Asthmatic Escala	0.001171	0.00046	0.005561	-0.00142
INSYes_1 Asthmatic Escalation	-0.00315	0.004878	-0.00142	0.020438

The SURVEYLOGISTIC Procedure

Domain Analysis for domain analyzeData=1

Parameter	Intercept_1 Asthmatic Escalation	SRSEXFemale_1 Asthmatic Escalati	lateradultYoung / Middle Aged_1	CITIZEN2Non-Citizen_1 Asthmatic
Intercept_1 Asthmatic Escalation	1.0000	-0.4126	-0.5508	0.1594
SRSEXFemale_1 Asthmatic Escalati	-0.4126	1.0000	0.3433	0.0778
lateradultYoung / Middle Aged_1	-0.5508	0.3433	1.0000	0.0801
CITIZEN2Non-Citizen_1 Asthmatic	0.1594	0.0778	0.0801	1.0000
CITIZEN2US-Born Citizen_1 Asthma	-0.2846	-0.0127	-0.0709	-0.6021
raceAfrican American_1 Asthmatic	-0.0482	0.1694	-0.0057	-0.0200
raceAmerican Indian / Alaska Nat	0.2417	-0.0000	-0.0504	0.0298
raceAsian_1 Asthmatic Escalation	-0.0858	-0.0127	-0.1551	0.0383
raceLatino_1 Asthmatic Escalatio	-0.3308	-0.0046	0.0900	-0.1458
raceMultiracial / Other_1 Asthma	0.1340	-0.2518	0.0787	-0.0407
childhhNo Children in HH_1 Asthm	-0.4373	0.1651	0.3351	0.0871
pfpl0-99% FPL_1 Asthmatic Escala	0.0575	0.0105	-0.1542	-0.3061
INSYes_1 Asthmatic Escalation	-0.6107	0.0737	0.3238	0.1793

The SURVEYLOGISTIC Procedure

Domain Analysis for domain analyzeData=1

Estimated Correlation Matrix					
Parameter	CITIZEN2US-Born Citizen_1 Asthma	raceAfrican American_1 Asthmatic	raceAmerican Indian / Alaska Nat	raceAsian_1 Asthmatic Escalation	raceLatino_1 Asthmatic Escalatio
Intercept_1 Asthmatic Escalation	-0.2846	-0.0482	0.2417	-0.0858	-0.3308
SRSEXFemale_1 Asthmatic Escalati	-0.0127	0.1694	-0.0000	-0.0127	-0.0046
lateradultYoung / Middle Aged_1	-0.0709	-0.0057	-0.0504	-0.1551	0.0900
CITIZEN2Non-Citizen_1 Asthmatic	-0.6021	-0.0200	0.0298	0.0383	-0.1458
CITIZEN2US-Born Citizen_1 Asthma	1.0000	-0.2430	0.0414	0.3133	0.0765
raceAfrican American_1 Asthmatic	-0.2430	1.0000	-0.4951	-0.0951	0.0748
raceAmerican Indian / Alaska Nat	0.0414	-0.4951	1.0000	-0.3345	-0.4734
raceAsian_1 Asthmatic Escalation	0.3133	-0.0951	-0.3345	1.0000	-0.0776
raceLatino_1 Asthmatic Escalatio	0.0765	0.0748	-0.4734	-0.0776	1.0000
raceMultiracial / Other_1 Asthma	-0.0823	0.0343	-0.4086	-0.2826	-0.0175
childhhNo Children in HH_1 Asthm	-0.1630	-0.0768	0.0247	-0.0107	0.0007
pfpl0-99% FPL_1 Asthmatic Escala	0.1214	-0.0070	-0.1301	0.0448	-0.0090
INSYes_1 Asthmatic Escalation	-0.1010	-0.1405	0.0995	0.0102	-0.0002

The SURVEYLOGISTIC Procedure

Domain Analysis for domain analyzeData=1

Estimated Correlation Matrix				
Parameter	raceMultiracial / Other_1 Asthma	childhhNo Children in HH_1 Asthm	pfpl0-99% FPL_1 Asthmatic Escala	INSYes_1 Asthmatic Escalation
Intercept_1 Asthmatic Escalation	0.1340	-0.4373	0.0575	-0.6107
SRSEXFemale_1 Asthmatic Escalati	-0.2518	0.1651	0.0105	0.0737
lateradultYoung / Middle Aged_1	0.0787	0.3351	-0.1542	0.3238
CITIZEN2Non-Citizen_1 Asthmatic	-0.0407	0.0871	-0.3061	0.1793
CITIZEN2US-Born Citizen_1 Asthma	-0.0823	-0.1630	0.1214	-0.1010
raceAfrican American_1 Asthmatic	0.0343	-0.0768	-0.0070	-0.1405
raceAmerican Indian / Alaska Nat	-0.4086	0.0247	-0.1301	0.0995
raceAsian_1 Asthmatic Escalation	-0.2826	-0.0107	0.0448	0.0102
raceLatino_1 Asthmatic Escalatio	-0.0175	0.0007	-0.0090	-0.0002
raceMultiracial / Other_1 Asthma	1.0000	-0.0643	0.0581	-0.0816
childhhNo Children in HH_1 Asthm	-0.0643	1.0000	0.0645	0.3568
pfpl0-99% FPL_1 Asthmatic Escala	0.0581	0.0645	1.0000	-0.1329
INSYes_1 Asthmatic Escalation	-0.0816	0.3568	-0.1329	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	306	123E3	445	789	99.0	27.9	99.6	40.7	99.4