

CHIS_72_BinomRegress
CHIS CHIS_DATA_BINOMIAL_BC
PROC SURVEYLOGISTIC - April 28, 2019

The SURVEYLOGISTIC Procedure

Model Information		
Data Set	CHIS.CHIS_DATA_BINOMIAL_BC	
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	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				
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_BC
Number of Replicates	160

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

Model Fit Statistics		
Criterion	Intercept Only	Intercept and Covariates
AIC	18105355	17482241
SC	18105370	17482438
-2 Log L	18105353	17482215

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	186.19	10.5337	1685.40	<.0001
Score	52.15	12	160	<.0001
Wald	42.76	12	160	<.0001
NOTE: Second-order Rao-Scott design correction 0.1392 applied to the Likelihood Ratio test.				

Type 3 Analysis of Effects				
Effect	F Value	Num DF	Den DF	Pr > F
SRSEX	102.08	1	160	<.0001
lateradult	11.83	1	160	0.0007
CITIZEN2	73.08	2	160	<.0001
race	9.92	5	160	<.0001

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Type 3 Analysis of Effects				
Effect	F Value	Num DF	Den DF	Pr > F
childhh	15.22	1	160	0.0001
pfpl	43.30	1	160	<.0001
INS	29.93	1	160	<.0001

Analysis of Maximum Likelihood Estimates							
Parameter		nonasthmatic	Estimate	Standard Error	t Value	Pr > t	Standardized Estimate
Intercept		2 Current Asthmatic	-2.4978	0.0503	-49.63	<.0001	
SRSEX	Female	2 Current Asthmatic	0.2481	0.0246	10.10	<.0001	2.0597
lateradult	Young / Middle Aged	2 Current Asthmatic	0.0888	0.0258	3.44	0.0007	0.5457
CITIZEN2	Non-Citizen	2 Current Asthmatic	-0.3906	0.0568	-6.87	<.0001	-1.8860
CITIZEN2	US-Born Citizen	2 Current Asthmatic	0.5036	0.0417	12.07	<.0001	3.2444
race	African American	2 Current Asthmatic	0.0740	0.0653	1.13	0.2588	0.3611
race	American Indian / Alaska Native	2 Current Asthmatic	0.4359	0.1290	3.38	0.0009	1.8234
race	Asian	2 Current Asthmatic	-0.3212	0.0806	-3.98	0.0001	-1.8543
race	Latino	2 Current Asthmatic	-0.2688	0.0492	-5.47	<.0001	-1.9570
race	Multiracial / Other	2 Current Asthmatic	0.2249	0.0959	2.35	0.0202	1.0069
childhh	No Children in HH	2 Current Asthmatic	0.0971	0.0249	3.90	0.0001	0.7474
pfpl	0-99% FPL	2 Current Asthmatic	0.1907	0.0290	6.58	<.0001	1.1803
INS	Yes	2 Current Asthmatic	0.1821	0.0333	5.47	<.0001	1.0631
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
lateradult Young / Middle Aged vs Later Adult	2 Current Asthmatic	1.194	1.079	1.323
CITIZEN2 Non-Citizen vs Naturalized Citizen	2 Current Asthmatic	0.758	0.624	0.920
CITIZEN2 US-Born Citizen vs Naturalized Citizen	2 Current Asthmatic	1.853	1.607	2.136
race African American vs White	2 Current Asthmatic	1.245	1.080	1.434
race American Indian / Alaska Native vs White	2 Current Asthmatic	1.787	1.331	2.401
race Asian vs White	2 Current Asthmatic	0.838	0.701	1.002
race Latino vs White	2 Current Asthmatic	0.883	0.797	0.980
race Multiracial / Other vs White	2 Current Asthmatic	1.447	1.173	1.786
childhh No Children in HH vs Children in HH	2 Current Asthmatic	1.214	1.101	1.340
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	
pfpl	0-99% FPL vs 100% FPL and Above	2 Current Asthmatic	1.464	1.306	1.642
INS	Yes vs No	2 Current Asthmatic	1.439	1.262	1.642
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	lateradultYoung / Middle Aged_2	CITIZEN2Non-Citizen_2 Current As
Intercept_2 Current Asthmatic	0.002533	-0.00017	-0.00057	0.000335
SRSEXFemale_2 Current Asthmatic	-0.00017	0.000603	-0.00003	-7.45E-6
lateradultYoung / Middle Aged_2	-0.00057	-0.00003	0.000666	0.000034
CITIZEN2Non-Citizen_2 Current As	0.000335	-7.45E-6	0.000034	0.003229
CITIZEN2US-Born Citizen_2 Curren	-0.00076	-0.00017	1.695E-6	-0.00125
raceAfrican American_2 Current A	-0.00011	0.000232	0.000038	0.0004
raceAmerican Indian / Alaska Nat	0.001848	-0.00019	0.00011	-0.00046
raceAsian_2 Current Asthmatic	-0.00063	-6.66E-6	-0.00016	-0.00036
raceLatino_2 Current Asthmatic	-0.00092	0.000128	-0.0002	0.000319
raceMultiracial / Other_2 Curren	0.000499	-0.00021	0.000028	-0.00051
childhhNo Children in HH_2 Curre	-0.00049	0.000072	0.000233	3.888E-6
pfpl0-99% FPL_2 Current Asthmati	0.000258	-0.00011	-0.00003	-0.0003
INSYes_2 Current Asthmatic	-0.00047	-0.00004	0.000111	0.000222

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Estimated Covariance Matrix					
Parameter	CITIZEN2US-Born Citizen_2 Curren	raceAfrican American_2 Current A	raceAmerican Indian / Alaska Nat	raceAsian_2 Current Asthmatic	raceLatino_2 Current Asthmatic
Intercept_2 Current Asthmatic	-0.00076	-0.00011	0.001848	-0.00063	-0.00092
SRSEXFemale_2 Current Asthmatic	-0.00017	0.000232	-0.00019	-6.66E-6	0.000128
lateradultYoung / Middle Aged_2	1.695E-6	0.000038	0.00011	-0.00016	-0.0002
CITIZEN2Non-Citizen_2 Current As	-0.00125	0.0004	-0.00046	-0.00036	0.000319
CITIZEN2US-Born Citizen_2 Curren	0.00174	-0.00039	0.000374	0.000816	0.000049
raceAfrican American_2 Current A	-0.00039	0.00426	-0.00203	-0.00038	-0.00028
raceAmerican Indian / Alaska Nat	0.000374	-0.00203	0.016647	-0.00512	-0.0024
raceAsian_2 Current Asthmatic	0.000816	-0.00038	-0.00512	0.006497	0.000358
raceLatino_2 Current Asthmatic	0.000049	-0.00028	-0.0024	0.000358	0.002418
raceMultiracial / Other_2 Curren	-0.00034	-0.00188	-0.00502	-0.00128	-0.0007
childhhNo Children in HH_2 Curre	-0.00007	0.000138	-0.00005	0.000115	0.000072
pfpl0-99% FPL_2 Current Asthmati	0.000114	-0.00002	-0.00001	0.000255	-0.00039
INSYes_2 Current Asthmatic	-0.00016	-0.00012	0.000142	-3.22E-6	-0.00013

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Estimated Covariance Matrix					
Parameter	raceMultiracial / Other_2 Curren	childhhNo Children in HH_2 Curre	pfpl0-99% FPL_2 Current Asthmati	INSYes_2 Current Asthmatic	
Intercept_2 Current Asthmatic	0.000499	-0.00049	0.000258	-0.00047	
SRSEXFemale_2 Current Asthmatic	-0.00021	0.000072	-0.00011	-0.00004	
lateradultYoung / Middle Aged_2	0.000028	0.000233	-0.00003	0.000111	
CITIZEN2Non-Citizen_2 Current As	-0.00051	3.888E-6	-0.00003	0.000222	
CITIZEN2US-Born Citizen_2 Curren	-0.00034	-0.00007	0.000114	-0.00016	
raceAfrican American_2 Current A	-0.00188	0.000138	-0.00002	-0.00012	
raceAmerican Indian / Alaska Nat	-0.00502	-0.00005	-0.00001	0.000142	
raceAsian_2 Current Asthmatic	-0.00128	0.000115	0.000255	-3.22E-6	
raceLatino_2 Current Asthmatic	-0.0007	0.000072	-0.00039	-0.00013	
raceMultiracial / Other_2 Curren	0.00919	-0.0004	0.0001	0.000138	
childhhNo Children in HH_2 Curre	-0.0004	0.00062	0.000155	8.851E-6	
pfpl0-99% FPL_2 Current Asthmati	0.0001	0.000155	0.00084	0.000193	
INSYes_2 Current Asthmatic	0.000138	8.851E-6	0.000193	0.001108	

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Estimated Correlation Matrix				
Parameter	Intercept_2 Current Asthmatic	SRSEXFemale_2 Current Asthmatic	lateradultYoung / Middle Aged_2	CITIZEN2Non-Citizen_2 Current As
Intercept_2 Current Asthmatic	1.0000	-0.1340	-0.4425	0.1170
SRSEXFemale_2 Current Asthmatic	-0.1340	1.0000	-0.0403	-0.0053
lateradultYoung / Middle Aged_2	-0.4425	-0.0403	1.0000	0.0230
CITIZEN2Non-Citizen_2 Current As	0.1170	-0.0053	0.0230	1.0000
CITIZEN2US-Born Citizen_2 Curren	-0.3600	-0.1625	0.0016	-0.5262
raceAfrican American_2 Current A	-0.0344	0.1447	0.0226	0.1079
raceAmerican Indian / Alaska Nat	0.2846	-0.0600	0.0332	-0.0622
raceAsian_2 Current Asthmatic	-0.1553	-0.0034	-0.0754	-0.0788
raceLatino_2 Current Asthmatic	-0.3699	0.1057	-0.1614	0.1143
raceMultiracial / Other_2 Curren	0.1033	-0.0874	0.0115	-0.0928
childhhNo Children in HH_2 Curre	-0.3908	0.1170	0.3626	0.0027
pfpl0-99% FPL_2 Current Asthmati	0.1767	-0.1588	-0.0387	-0.1847
INSYes_2 Current Asthmatic	-0.2823	-0.0465	0.1290	0.1175

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Estimated Correlation Matrix					
Parameter	CITIZEN2US-Born Citizen_2 Curren	raceAfrican American_2 Current A	raceAmerican Indian / Alaska Nat	raceAsian_2 Current Asthmatic	raceLatino_2 Current Asthmatic
Intercept_2 Current Asthmatic	-0.3600	-0.0344	0.2846	-0.1553	-0.3699
SRSEXFemale_2 Current Asthmatic	-0.1625	0.1447	-0.0600	-0.0034	0.1057
lateradultYoung / Middle Aged_2	0.0016	0.0226	0.0332	-0.0754	-0.1614
CITIZEN2Non-Citizen_2 Current As	-0.5262	0.1079	-0.0622	-0.0788	0.1143
CITIZEN2US-Born Citizen_2 Curren	1.0000	-0.1431	0.0695	0.2427	0.0241
raceAfrican American_2 Current A	-0.1431	1.0000	-0.2415	-0.0726	-0.0866
raceAmerican Indian / Alaska Nat	0.0695	-0.2415	1.0000	-0.4921	-0.3785
raceAsian_2 Current Asthmatic	0.2427	-0.0726	-0.4921	1.0000	0.0903
raceLatino_2 Current Asthmatic	0.0241	-0.0866	-0.3785	0.0903	1.0000
raceMultiracial / Other_2 Curren	-0.0838	-0.3010	-0.4058	-0.1661	-0.1484
childhhNo Children in HH_2 Curre	-0.0689	0.0846	-0.0155	0.0573	0.0588
pfpl0-99% FPL_2 Current Asthmati	0.0946	-0.0095	-0.0038	0.1091	-0.2767
INSYes_2 Current Asthmatic	-0.1144	-0.0562	0.0330	-0.0012	-0.0796

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Estimated Correlation Matrix				
Parameter	raceMultiracial / Other_2 Curren	childhhNo Children in HH_2 Curre	pfpl0-99% FPL_2 Current Asthmati	INSYes_2 Current Asthmatic
Intercept_2 Current Asthmatic	0.1033	-0.3908	0.1767	-0.2823
SRSEXFemale_2 Current Asthmatic	-0.0874	0.1170	-0.1588	-0.0465
lateradultYoung / Middle Aged_2	0.0115	0.3626	-0.0387	0.1290
CITIZEN2Non-Citizen_2 Current As	-0.0928	0.0027	-0.1847	0.1175
CITIZEN2US-Born Citizen_2 Curren	-0.0838	-0.0689	0.0946	-0.1144
raceAfrican American_2 Current A	-0.3010	0.0846	-0.0095	-0.0562
raceAmerican Indian / Alaska Nat	-0.4058	-0.0155	-0.0038	0.0330
raceAsian_2 Current Asthmatic	-0.1661	0.0573	0.1091	-0.0012
raceLatino_2 Current Asthmatic	-0.1484	0.0588	-0.2767	-0.0796
raceMultiracial / Other_2 Curren	1.0000	-0.1682	0.0359	0.0432
childhhNo Children in HH_2 Curre	-0.1682	1.0000	0.2155	0.0107
pfpl0-99% FPL_2 Current Asthmati	0.0359	0.2155	1.0000	0.1999
INSYes_2 Current Asthmatic	0.0432	0.0107	0.1999	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	201	11E4	886	13389	88.5	1.5	99.2	18.5	89.2

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Domain Analysis for domain analyzeData=1

Model Information		
Data Set	CHIS.CHIS_DATA_BINOMIAL_BC	
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				
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	119710
Number of Observations not in Domain	4811
Sum of Weights in Domain	26984609

Variance Estimation	
Method	Jackknife
Replicate Weights	CHIS_DATA_BINOMIAL_BC
Number of Replicates	160

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

Model Fit Statistics		
Criterion	Intercept Only	Intercept and Covariates
AIC	17838929	17196235
SC	17838944	17196431
-2 Log L	17838927	17196209

R-Square	0.0235	Max-rescaled R-Square	0.0487
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The SURVEYLOGISTIC Procedure

Domain Analysis for domain analyzeData=1

Testing Global Null Hypothesis: BETA=0				
Test	F Value	Num DF	Den DF	Pr > F
Likelihood Ratio	192.05	10.5473	1687.56	<.0001
Score	52.94	12	160	<.0001
Wald	43.10	12	160	<.0001

NOTE:
Second-order Rao-Scott design correction 0.1377
applied to the Likelihood Ratio test.

Type 3 Analysis of Effects				
Effect	F Value	Num DF	Den DF	Pr > F
SRSEX	94.45	1	160	<.0001
lateradult	15.10	1	160	0.0001
CITIZEN2	79.30	2	160	<.0001
race	10.44	5	160	<.0001
childhh	15.57	1	160	0.0001
pfpl	40.64	1	160	<.0001
INS	31.27	1	160	<.0001

Analysis of Maximum Likelihood Estimates							
Parameter		nonasthmatic	Estimate	Standard Error	t Value	Pr > t	Standardized Estimate
Intercept		2 Current Asthmatic	-2.4662	0.0506	-48.73	<.0001	
SRSEX	Female	2 Current Asthmatic	0.2394	0.0246	9.72	<.0001	1.9420
lateradult	Young / Middle Aged	2 Current Asthmatic	0.1007	0.0259	3.89	0.0001	0.6082
CITIZEN2	Non-Citizen	2 Current Asthmatic	-0.4096	0.0567	-7.22	<.0001	-1.9520
CITIZEN2	US-Born Citizen	2 Current Asthmatic	0.5283	0.0420	12.57	<.0001	3.3380
race	African American	2 Current Asthmatic	0.0758	0.0658	1.15	0.2515	0.3609
race	American Indian / Alaska Native	2 Current Asthmatic	0.4319	0.1306	3.31	0.0012	1.7652
race	Asian	2 Current Asthmatic	-0.3155	0.0815	-3.87	0.0002	-1.7798
race	Latino	2 Current Asthmatic	-0.2720	0.0488	-5.57	<.0001	-1.9380
race	Multiracial / Other	2 Current Asthmatic	0.2392	0.0969	2.47	0.0146	1.0447
childhh	No Children in HH	2 Current Asthmatic	0.0984	0.0249	3.95	0.0001	0.7408
pfpl	0-99% FPL	2 Current Asthmatic	0.1872	0.0294	6.38	<.0001	1.1373
INS	Yes	2 Current Asthmatic	0.1872	0.0335	5.59	<.0001	1.0719
NOTE: The degrees of freedom for the t tests is 160.							

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Odds Ratio Estimates				
Effect	nonasthmatic	Point Estimate	95% Confidence Limits	
SRSEX Female vs Male	2 Current Asthmatic	1.614	1.464	1.779
lateradult Young / Middle Aged vs Later Adult	2 Current Asthmatic	1.223	1.104	1.355
CITIZEN2 Non-Citizen vs Naturalized Citizen	2 Current Asthmatic	0.748	0.616	0.908
CITIZEN2 US-Born Citizen vs Naturalized Citizen	2 Current Asthmatic	1.910	1.654	2.205
race African American vs White	2 Current Asthmatic	1.265	1.096	1.460
race American Indian / Alaska Native vs White	2 Current Asthmatic	1.806	1.340	2.434
race Asian vs White	2 Current Asthmatic	0.855	0.715	1.024
race Latino vs White	2 Current Asthmatic	0.893	0.805	0.992
race Multiracial / Other vs White	2 Current Asthmatic	1.490	1.204	1.843
childhh No Children in HH vs Children in HH	2 Current Asthmatic	1.218	1.103	1.344
pfpl 0-99% FPL vs 100% FPL and Above	2 Current Asthmatic	1.454	1.295	1.633
INS Yes vs No	2 Current Asthmatic	1.454	1.274	1.660
NOTE: The degrees of freedom in computing the confidence limits is 160.				

Association of Predicted Probabilities and Observed Responses			
Percent Concordant	58.8	Somers' D	0.246
Percent Discordant	34.2	Gamma	0.265
Percent Tied	6.9	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	lateradultYoung / Middle Aged_2	CITIZEN2Non-Citizen_2 Current As
Intercept_2 Current Asthmatic	0.002561	-0.00016	-0.00058	0.000337
SRSEXFemale_2 Current Asthmatic	-0.00016	0.000607	-0.00004	-6.73E-6
lateradultYoung / Middle Aged_2	-0.00058	-0.00004	0.000671	0.000037
CITIZEN2Non-Citizen_2 Current As	0.000337	-6.73E-6	0.000037	0.003218
CITIZEN2US-Born Citizen_2 Curren	-0.00078	-0.00017	8.163E-6	-0.00124
raceAfrican American_2 Current A	-0.00011	0.000252	0.000024	0.000411
raceAmerican Indian / Alaska Nat	0.001816	-0.00024	0.000179	-0.00046
raceAsian_2 Current Asthmatic	-0.00064	-0.00005	-0.00019	-0.00042
raceLatino_2 Current Asthmatic	-0.0009	0.00014	-0.0002	0.000314
raceMultiracial / Other_2 Curren	0.000537	-0.00016	6.397E-6	-0.00044
childhhNo Children in HH_2 Curre	-0.00049	0.000064	0.000231	5.219E-6
pfpl0-99% FPL_2 Current Asthmati	0.000279	-0.00012	-0.00004	-0.00032
INSYes_2 Current Asthmatic	-0.00048	-0.00003	0.000117	0.000242

CHIS_72_BinomRegress
CHIS CHIS_DATA_BINOMIAL_BC
PROC SURVEYLOGISTIC - April 28, 2019

The SURVEYLOGISTIC Procedure

Domain Analysis for domain analyzeData=1

Estimated Covariance Matrix					
Parameter	CITIZEN2US-Born Citizen_2 Curren	raceAfrican American_2 Current A	raceAmerican Indian / Alaska Nat	raceAsian_2 Current Asthmatic	raceLatino_2 Current Asthmatic
Intercept_2 Current Asthmatic	-0.00078	-0.00011	0.001816	-0.00064	-0.0009
SRSEXFemale_2 Current Asthmatic	-0.00017	0.000252	-0.00024	-0.00005	0.00014
lateradultYoung / Middle Aged_2	8.163E-6	0.000024	0.000179	-0.00019	-0.0002
CITIZEN2Non-Citizen_2 Current As	-0.00124	0.000411	-0.00046	-0.00042	0.000314
CITIZEN2US-Born Citizen_2 Curren	0.001766	-0.00041	0.000373	0.000869	0.000041
raceAfrican American_2 Current A	-0.00041	0.004335	-0.00219	-0.00035	-0.00027
raceAmerican Indian / Alaska Nat	0.000373	-0.00219	0.017048	-0.00522	-0.00234
raceAsian_2 Current Asthmatic	0.000869	-0.00035	-0.00522	0.006638	0.00033
raceLatino_2 Current Asthmatic	0.000041	-0.00027	-0.00234	0.00033	0.002386
raceMultiracial / Other_2 Curren	-0.00035	-0.00184	-0.00519	-0.00136	-0.00067
childhhNo Children in HH_2 Curre	-0.00006	0.000146	5.863E-6	0.000073	0.000071
pfpl0-99% FPL_2 Current Asthmati	0.000132	-0.00002	-3.43E-6	0.000287	-0.00042
INSYes_2 Current Asthmatic	-0.00016	-0.00014	0.000124	0.000016	-0.00013

CHIS_72_BinomRegress
CHIS CHIS_DATA_BINOMIAL_BC
PROC SURVEYLOGISTIC - April 28, 2019

The SURVEYLOGISTIC Procedure

Domain Analysis for domain analyzeData=1

Estimated Covariance Matrix				
Parameter	raceMultiracial / Other_2 Curren	childhhNo Children in HH_2 Curre	pfpl0-99% FPL_2 Current Asthmati	INSYes_2 Current Asthmatic
Intercept_2 Current Asthmatic	0.000537	-0.00049	0.000279	-0.00048
SRSEXFemale_2 Current Asthmatic	-0.00016	0.000064	-0.00012	-0.00003
lateradultYoung / Middle Aged_2	6.397E-6	0.000231	-0.00004	0.000117
CITIZEN2Non-Citizen_2 Current As	-0.00044	5.219E-6	-0.00032	0.000242
CITIZEN2US-Born Citizen_2 Curren	-0.00035	-0.00006	0.000132	-0.00016
raceAfrican American_2 Current A	-0.00184	0.000146	-0.00002	-0.00014
raceAmerican Indian / Alaska Nat	-0.00519	5.863E-6	-3.43E-6	0.000124
raceAsian_2 Current Asthmatic	-0.00136	0.000073	0.000287	0.000016
raceLatino_2 Current Asthmatic	-0.00067	0.000071	-0.00042	-0.00013
raceMultiracial / Other_2 Curren	0.009393	-0.00041	0.000102	0.000156
childhhNo Children in HH_2 Curre	-0.00041	0.000622	0.000136	6.921E-6
pfpl0-99% FPL_2 Current Asthmati	0.000102	0.000136	0.000862	0.000188
INSYes_2 Current Asthmatic	0.000156	6.921E-6	0.000188	0.001121

CHIS_72_BinomRegress
CHIS CHIS_DATA_BINOMIAL_BC
PROC SURVEYLOGISTIC - April 28, 2019

The SURVEYLOGISTIC Procedure

Domain Analysis for domain analyzeData=1

Estimated Correlation Matrix				
Parameter	Intercept_2 Current Asthmatic	SRSEXFemale_2 Current Asthmatic	lateradultYoung / Middle Aged_2	CITIZEN2Non-Citizen_2 Current As
Intercept_2 Current Asthmatic	1.0000	-0.1276	-0.4395	0.1173
SRSEXFemale_2 Current Asthmatic	-0.1276	1.0000	-0.0609	-0.0048
lateradultYoung / Middle Aged_2	-0.4395	-0.0609	1.0000	0.0252
CITIZEN2Non-Citizen_2 Current As	0.1173	-0.0048	0.0252	1.0000
CITIZEN2US-Born Citizen_2 Curren	-0.3669	-0.1686	0.0075	-0.5218
raceAfrican American_2 Current A	-0.0320	0.1555	0.0143	0.1102
raceAmerican Indian / Alaska Nat	0.2748	-0.0751	0.0529	-0.0622
raceAsian_2 Current Asthmatic	-0.1547	-0.0224	-0.0909	-0.0906
raceLatino_2 Current Asthmatic	-0.3660	0.1161	-0.1568	0.1134
raceMultiracial / Other_2 Curren	0.1096	-0.0689	0.0025	-0.0803
childhhNo Children in HH_2 Curre	-0.3901	0.1042	0.3574	0.0037
pfpl0-99% FPL_2 Current Asthmati	0.1876	-0.1620	-0.0500	-0.1918
INSYes_2 Current Asthmatic	-0.2817	-0.0392	0.1349	0.1276

CHIS_72_BinomRegress
CHIS CHIS_DATA_BINOMIAL_BC
PROC SURVEYLOGISTIC - April 28, 2019

The SURVEYLOGISTIC Procedure

Domain Analysis for domain analyzeData=1

Estimated Correlation Matrix					
Parameter	CITIZEN2US-Born Citizen_2 Curren	raceAfrican American_2 Current A	raceAmerican Indian / Alaska Nat	raceAsian_2 Current Asthmatic	raceLatino_2 Current Asthmatic
Intercept_2 Current Asthmatic	-0.3669	-0.0320	0.2748	-0.1547	-0.3660
SRSEXFemale_2 Current Asthmatic	-0.1686	0.1555	-0.0751	-0.0224	0.1161
lateradultYoung / Middle Aged_2	0.0075	0.0143	0.0529	-0.0909	-0.1568
CITIZEN2Non-Citizen_2 Current As	-0.5218	0.1102	-0.0622	-0.0906	0.1134
CITIZEN2US-Born Citizen_2 Curren	1.0000	-0.1498	0.0680	0.2538	0.0198
raceAfrican American_2 Current A	-0.1498	1.0000	-0.2546	-0.0653	-0.0854
raceAmerican Indian / Alaska Nat	0.0680	-0.2546	1.0000	-0.4910	-0.3676
raceAsian_2 Current Asthmatic	0.2538	-0.0653	-0.4910	1.0000	0.0828
raceLatino_2 Current Asthmatic	0.0198	-0.0854	-0.3676	0.0828	1.0000
raceMultiracial / Other_2 Curren	-0.0860	-0.2878	-0.4104	-0.1728	-0.1423
childhhNo Children in HH_2 Curre	-0.0587	0.0890	0.0018	0.0357	0.0581
pfpl0-99% FPL_2 Current Asthmati	0.1067	-0.0108	-0.0009	0.1199	-0.2929
INSYes_2 Current Asthmatic	-0.1158	-0.0648	0.0284	0.0060	-0.0805

CHIS_72_BinomRegress
CHIS CHIS_DATA_BINOMIAL_BC
PROC SURVEYLOGISTIC - April 28, 2019

The SURVEYLOGISTIC Procedure

Domain Analysis for domain analyzeData=1

Estimated Correlation Matrix				
Parameter	raceMultiracial / Other_2 Curren	childhhNo Children in HH_2 Curre	pfpl0-99% FPL_2 Current Asthmati	INSYes_2 Current Asthmatic
Intercept_2 Current Asthmatic	0.1096	-0.3901	0.1876	-0.2817
SRSEXFemale_2 Current Asthmatic	-0.0689	0.1042	-0.1620	-0.0392
lateradultYoung / Middle Aged_2	0.0025	0.3574	-0.0500	0.1349
CITIZEN2Non-Citizen_2 Current As	-0.0803	0.0037	-0.1918	0.1276
CITIZEN2US-Born Citizen_2 Curren	-0.0860	-0.0587	0.1067	-0.1158
raceAfrican American_2 Current A	-0.2878	0.0890	-0.0108	-0.0648
raceAmerican Indian / Alaska Nat	-0.4104	0.0018	-0.0009	0.0284
raceAsian_2 Current Asthmatic	-0.1728	0.0357	0.1199	0.0060
raceLatino_2 Current Asthmatic	-0.1423	0.0581	-0.2929	-0.0805
raceMultiracial / Other_2 Curren	1.0000	-0.1679	0.0357	0.0482
childhhNo Children in HH_2 Curre	-0.1679	1.0000	0.1862	0.0083
pfpl0-99% FPL_2 Current Asthmati	0.0357	0.1862	1.0000	0.1909
INSYes_2 Current Asthmatic	0.0482	0.0083	0.1909	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	227	11E4	915	13363	88.5	1.7	99.2	19.9	89.2