

CHIS_74_BinomRegress
CHIS CHIS_DATA_BINOMIAL_C
PROC SURVEYLOGISTIC - May 1, 2019

The SURVEYLOGISTIC Procedure

Model Information		
Data Set	CHIS.CHIS_DATA_BINOMIAL_C	
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				
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				
	100% FPL and Above	-1				

CHIS_74_BinomRegress
CHIS CHIS_DATA_BINOMIAL_C
PROC SURVEYLOGISTIC - May 1, 2019

The SURVEYLOGISTIC Procedure

Class Level Information					
Class	Value	Design Variables			
INS	No	-1			
	Yes	1			

Variance Estimation	
Method	Jackknife
Replicate Weights	CHIS_DATA_BINOMIAL_C
Number of Replicates	160

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

Model Fit Statistics		
Criterion	Intercept Only	Intercept and Covariates
AIC	18105355	17492010
SC	18105370	17492192
-2 Log L	18105353	17491986

R-Square	0.0215	Max-rescaled R-Square	0.0454
----------	--------	-----------------------	--------

Testing Global Null Hypothesis: BETA=0				
Test	F Value	Num DF	Den DF	Pr > F
Likelihood Ratio	203.29	9.6578	1545.25	<.0001
Score	56.54	11	160	<.0001
Wald	46.58	11	160	<.0001
NOTE: Second-order Rao-Scott design correction 0.1390 applied to the Likelihood Ratio test.				

Type 3 Analysis of Effects				
Effect	F Value	Num DF	Den DF	Pr > F
SRSEX	98.75	1	160	<.0001
CITIZEN2	74.65	2	160	<.0001
race	9.87	5	160	<.0001
childhh	10.81	1	160	0.0012

CHIS_74_BinomRegress
CHIS CHIS_DATA_BINOMIAL_C
PROC SURVEYLOGISTIC - May 1, 2019

The SURVEYLOGISTIC Procedure

Type 3 Analysis of Effects				
Effect	F Value	Num DF	Den DF	Pr > F
pfpl	43.69	1	160	<.0001
INS	25.61	1	160	<.0001

Analysis of Maximum Likelihood Estimates							
Parameter		nonasthmatic	Estimate	Standard Error	t Value	Pr > t	Standardized Estimate
Intercept		2 Current Asthmatic	-2.4214	0.0450	-53.81	<.0001	
SRSEX	Female	2 Current Asthmatic	0.2444	0.0246	9.94	<.0001	2.0290
CITIZEN2	Non-Citizen	2 Current Asthmatic	-0.3875	0.0569	-6.82	<.0001	-1.8712
CITIZEN2	US-Born Citizen	2 Current Asthmatic	0.5120	0.0419	12.21	<.0001	3.2983
race	African American	2 Current Asthmatic	0.0736	0.0653	1.13	0.2613	0.3594
race	American Indian / Alaska Native	2 Current Asthmatic	0.4207	0.1285	3.27	0.0013	1.7596
race	Asian	2 Current Asthmatic	-0.3073	0.0804	-3.82	0.0002	-1.7744
race	Latino	2 Current Asthmatic	-0.2598	0.0489	-5.32	<.0001	-1.8916
race	Multiracial / Other	2 Current Asthmatic	0.2307	0.0956	2.41	0.0170	1.0327
childhh	No Children in HH	2 Current Asthmatic	0.0772	0.0235	3.29	0.0012	0.5941
pfpl	0-99% FPL	2 Current Asthmatic	0.1918	0.0290	6.61	<.0001	1.1868
INS	Yes	2 Current Asthmatic	0.1675	0.0331	5.06	<.0001	0.9774
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	1.630	1.479	1.797
CITIZEN2 Non-Citizen vs Naturalized Citizen	2 Current Asthmatic	0.769	0.633	0.934
CITIZEN2 US-Born Citizen vs Naturalized Citizen	2 Current Asthmatic	1.890	1.637	2.182
race African American vs White	2 Current Asthmatic	1.260	1.094	1.453
race American Indian / Alaska Native vs White	2 Current Asthmatic	1.783	1.330	2.392
race Asian vs White	2 Current Asthmatic	0.861	0.721	1.028
race Latino vs White	2 Current Asthmatic	0.903	0.816	0.999
race Multiracial / Other vs White	2 Current Asthmatic	1.475	1.197	1.818
childhh No Children in HH vs Children in HH	2 Current Asthmatic	1.167	1.064	1.280
pfpl 0-99% FPL vs 100% FPL and Above	2 Current Asthmatic	1.467	1.309	1.646
INS Yes vs No	2 Current Asthmatic	1.398	1.227	1.593
NOTE: The degrees of freedom in computing the confidence limits is 160.				

CHIS_74_BinomRegress
 CHIS CHIS_DATA_BINOMIAL_C
 PROC SURVEYLOGISTIC - May 1, 2019

The SURVEYLOGISTIC Procedure

Association of Predicted Probabilities and Observed Responses			
Percent Concordant	40.1	Somers' D	0.166
Percent Discordant	23.5	Gamma	0.261
Percent Tied	36.4	Tau-a	0.042
Pairs	2118195681.5	c	0.583

CHIS_74_BinomRegress
CHIS CHIS_DATA_BINOMIAL_C
PROC SURVEYLOGISTIC - May 1, 2019

The SURVEYLOGISTIC Procedure

Estimated Covariance Matrix				
Parameter	Intercept_2 Current Asthmatic	SRSEXFemale_2 Current Asthmatic	CITIZEN2Non-Citizen_2 Current As	CITIZEN2US-Born Citizen_2 Curren
Intercept_2 Current Asthmatic	0.002025	-0.00018	0.000358	-0.00076
SRSEXFemale_2 Current Asthmatic	-0.00018	0.000605	-0.00001	-0.00017
CITIZEN2Non-Citizen_2 Current As	0.000358	-0.00001	0.003233	-0.00124
CITIZEN2US-Born Citizen_2 Curren	-0.00076	-0.00017	-0.00124	0.001759
raceAfrican American_2 Current A	-0.00006	0.000227	0.000399	-0.0004
raceAmerican Indian / Alaska Nat	0.001916	-0.00018	-0.00045	0.000368
raceAsian_2 Current Asthmatic	-0.00077	-0.00001	-0.00035	0.00083
raceLatino_2 Current Asthmatic	-0.0011	0.000133	0.000312	0.000053
raceMultiracial / Other_2 Curren	0.000526	-0.00021	-0.0005	-0.00035
childhhNo Children in HH_2 Curre	-0.00029	0.000071	6.149E-6	-0.00006
pfpl0-99% FPL_2 Current Asthmati	0.000229	-0.00011	-0.0003	0.000116
INSYes_2 Current Asthmatic	-0.00038	-0.00003	0.000229	-0.00016

CHIS_74_BinomRegress
CHIS CHIS_DATA_BINOMIAL_C
PROC SURVEYLOGISTIC - May 1, 2019

The SURVEYLOGISTIC Procedure

Estimated Covariance Matrix					
Parameter	raceAfrican American_2 Current A	raceAmerican Indian / Alaska Nat	raceAsian_2 Current Asthmatic	raceLatino_2 Current Asthmatic	raceMultiracial / Other_2 Curren
Intercept_2 Current Asthmatic	-0.00006	0.001916	-0.00077	-0.0011	0.000526
SRSEXFemale_2 Current Asthmatic	0.000227	-0.00018	-0.00001	0.000133	-0.00021
CITIZEN2Non-Citizen_2 Current As	0.000399	-0.00045	-0.00035	0.000312	-0.0005
CITIZEN2US-Born Citizen_2 Curren	-0.0004	0.000368	0.00083	0.000053	-0.00035
raceAfrican American_2 Current A	0.004266	-0.00203	-0.00037	-0.00029	-0.00187
raceAmerican Indian / Alaska Nat	-0.00203	0.016509	-0.00508	-0.00235	-0.00499
raceAsian_2 Current Asthmatic	-0.00037	-0.00508	0.006467	0.000322	-0.00129
raceLatino_2 Current Asthmatic	-0.00029	-0.00235	0.000322	0.00239	-0.0007
raceMultiracial / Other_2 Curren	-0.00187	-0.00499	-0.00129	-0.0007	0.009143
childhhNo Children in HH_2 Curre	0.000133	-0.0001	0.000164	0.000128	-0.0004
pfpl0-99% FPL_2 Current Asthmati	-8.28E-6	-0.00001	0.000245	-0.0004	0.000095
INSYes_2 Current Asthmatic	-0.00013	0.000122	0.000021	-0.0001	0.000135

CHIS_74_BinomRegress
CHIS CHIS_DATA_BINOMIAL_C
PROC SURVEYLOGISTIC - May 1, 2019

The SURVEYLOGISTIC Procedure

Estimated Covariance Matrix			
Parameter	childhhNo Children in HH_2 Curre	pfpl0-99% FPL_2 Current Asthmati	INSYes_2 Current Asthmatic
Intercept_2 Current Asthmatic	-0.00029	0.000229	-0.00038
SRSEXFemale_2 Current Asthmatic	0.000071	-0.00011	-0.00003
CITIZEN2Non-Citizen_2 Current As	6.149E-6	-0.0003	0.000229
CITIZEN2US-Born Citizen_2 Curren	-0.00006	0.000116	-0.00016
raceAfrican American_2 Current A	0.000133	-8.28E-6	-0.00013
raceAmerican Indian / Alaska Nat	-0.0001	-0.00001	0.000122
raceAsian_2 Current Asthmatic	0.000164	0.000245	0.000021
raceLatino_2 Current Asthmatic	0.000128	-0.0004	-0.0001
raceMultiracial / Other_2 Curren	-0.0004	0.000095	0.000135
childhhNo Children in HH_2 Curre	0.000551	0.000163	-0.00003
pfpl0-99% FPL_2 Current Asthmati	0.000163	0.000842	0.000199
INSYes_2 Current Asthmatic	-0.00003	0.000199	0.001095

CHIS_74_BinomRegress
CHIS CHIS_DATA_BINOMIAL_C
PROC SURVEYLOGISTIC - May 1, 2019

The SURVEYLOGISTIC Procedure

Estimated Correlation Matrix				
Parameter	Intercept_2 Current Asthmatic	SRSEXFemale_2 Current Asthmatic	CITIZEN2Non-Citizen_2 Current As	CITIZEN2US-Born Citizen_2 Curren
Intercept_2 Current Asthmatic	1.0000	-0.1661	0.1400	-0.4030
SRSEXFemale_2 Current Asthmatic	-0.1661	1.0000	-0.0074	-0.1683
CITIZEN2Non-Citizen_2 Current As	0.1400	-0.0074	1.0000	-0.5219
CITIZEN2US-Born Citizen_2 Curren	-0.4030	-0.1683	-0.5219	1.0000
raceAfrican American_2 Current A	-0.0209	0.1414	0.1076	-0.1442
raceAmerican Indian / Alaska Nat	0.3315	-0.0581	-0.0619	0.0684
raceAsian_2 Current Asthmatic	-0.2132	-0.0058	-0.0774	0.2460
raceLatino_2 Current Asthmatic	-0.5000	0.1106	0.1122	0.0258
raceMultiracial / Other_2 Curren	0.1223	-0.0878	-0.0929	-0.0867
childhhNo Children in HH_2 Curre	-0.2714	0.1226	0.0046	-0.0627
pfpl0-99% FPL_2 Current Asthmati	0.1755	-0.1585	-0.1813	0.0952
INSYes_2 Current Asthmatic	-0.2524	-0.0429	0.1219	-0.1164

CHIS_74_BinomRegress
CHIS CHIS_DATA_BINOMIAL_C
PROC SURVEYLOGISTIC - May 1, 2019

The SURVEYLOGISTIC Procedure

Estimated Correlation Matrix					
Parameter	raceAfrican American_2 Current A	raceAmerican Indian / Alaska Nat	raceAsian_2 Current Asthmatic	raceLatino_2 Current Asthmatic	raceMultiracial / Other_2 Curren
Intercept_2 Current Asthmatic	-0.0209	0.3315	-0.2132	-0.5000	0.1223
SRSEXFemale_2 Current Asthmatic	0.1414	-0.0581	-0.0058	0.1106	-0.0878
CITIZEN2Non-Citizen_2 Current As	0.1076	-0.0619	-0.0774	0.1122	-0.0929
CITIZEN2US-Born Citizen_2 Curren	-0.1442	0.0684	0.2460	0.0258	-0.0867
raceAfrican American_2 Current A	1.0000	-0.2420	-0.0696	-0.0913	-0.2997
raceAmerican Indian / Alaska Nat	-0.2420	1.0000	-0.4916	-0.3738	-0.4065
raceAsian_2 Current Asthmatic	-0.0696	-0.4916	1.0000	0.0819	-0.1678
raceLatino_2 Current Asthmatic	-0.0913	-0.3738	0.0819	1.0000	-0.1493
raceMultiracial / Other_2 Curren	-0.2997	-0.4065	-0.1678	-0.1493	1.0000
childhhNo Children in HH_2 Curre	0.0869	-0.0328	0.0867	0.1118	-0.1770
pfpl0-99% FPL_2 Current Asthmati	-0.0044	-0.0031	0.1051	-0.2842	0.0342
INSYes_2 Current Asthmatic	-0.0586	0.0287	0.0079	-0.0604	0.0428

CHIS_74_BinomRegress
CHIS CHIS_DATA_BINOMIAL_C
PROC SURVEYLOGISTIC - May 1, 2019

The SURVEYLOGISTIC Procedure

Estimated Correlation Matrix			
Parameter	childhhNo Children in HH_2 Curre	pfpl0-99% FPL_2 Current Asthmati	INSYes_2 Current Asthmatic
Intercept_2 Current Asthmatic	-0.2714	0.1755	-0.2524
SRSEXFemale_2 Current Asthmatic	0.1226	-0.1585	-0.0429
CITIZEN2Non-Citizen_2 Current As	0.0046	-0.1813	0.1219
CITIZEN2US-Born Citizen_2 Curren	-0.0627	0.0952	-0.1164
raceAfrican American_2 Current A	0.0869	-0.0044	-0.0586
raceAmerican Indian / Alaska Nat	-0.0328	-0.0031	0.0287
raceAsian_2 Current Asthmatic	0.0867	0.1051	0.0079
raceLatino_2 Current Asthmatic	0.1118	-0.2842	-0.0604
raceMultiracial / Other_2 Curren	-0.1770	0.0342	0.0428
childhhNo Children in HH_2 Curre	1.0000	0.2389	-0.0413
pfpl0-99% FPL_2 Current Asthmati	0.2389	1.0000	0.2071
INSYes_2 Current Asthmatic	-0.0413	0.2071	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	195	11E4	846	13395	88.6	1.4	99.2	18.7	89.2

CHIS_74_BinomRegress
CHIS CHIS_DATA_BINOMIAL_C
PROC SURVEYLOGISTIC - May 1, 2019

The SURVEYLOGISTIC Procedure

Domain Analysis for domain analyzeData=1

Model Information		
Data Set	CHIS.CHIS_DATA_BINOMIAL_C	
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				
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				
	100% FPL and Above	-1				

CHIS_74_BinomRegress
CHIS CHIS_DATA_BINOMIAL_C
PROC SURVEYLOGISTIC - May 1, 2019

The SURVEYLOGISTIC Procedure

Domain Analysis for domain analyzeData=1

Class Level Information					
Class	Value	Design Variables			
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_C
Number of Replicates	160

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

Model Fit Statistics		
Criterion	Intercept Only	Intercept and Covariates
AIC	17838929	17208765
SC	17838944	17208946
-2 Log L	17838927	17208741

R-Square	0.0231	Max-rescaled R-Square	0.0477
----------	--------	-----------------------	--------

Testing Global Null Hypothesis: BETA=0				
Test	F Value	Num DF	Den DF	Pr > F
Likelihood Ratio	208.89	9.6808	1548.93	<.0001
Score	57.54	11	160	<.0001
Wald	46.78	11	160	<.0001
NOTE: Second-order Rao-Scott design correction 0.1363 applied to the Likelihood Ratio test.				

CHIS_74_BinomRegress
CHIS CHIS_DATA_BINOMIAL_C
PROC SURVEYLOGISTIC - May 1, 2019

The SURVEYLOGISTIC Procedure

Domain Analysis for domain analyzeData=1

Type 3 Analysis of Effects				
Effect	F Value	Num DF	Den DF	Pr > F
SRSEX	91.00	1	160	<.0001
CITIZEN2	81.09	2	160	<.0001
race	10.40	5	160	<.0001
childhh	10.33	1	160	0.0016
pfpl	41.15	1	160	<.0001
INS	26.23	1	160	<.0001

Analysis of Maximum Likelihood Estimates							
Parameter		nonasthmatic	Estimate	Standard Error	t Value	Pr > t	Standardized Estimate
Intercept		2 Current Asthmatic	-2.3799	0.0453	-52.55	<.0001	
SRSEX	Female	2 Current Asthmatic	0.2354	0.0247	9.54	<.0001	1.9098
CITIZEN2	Non-Citizen	2 Current Asthmatic	-0.4063	0.0568	-7.16	<.0001	-1.9365
CITIZEN2	US-Born Citizen	2 Current Asthmatic	0.5377	0.0423	12.72	<.0001	3.3978
race	African American	2 Current Asthmatic	0.0753	0.0659	1.14	0.2550	0.3584
race	American Indian / Alaska Native	2 Current Asthmatic	0.4133	0.1298	3.18	0.0017	1.6894
race	Asian	2 Current Asthmatic	-0.2990	0.0811	-3.68	0.0003	-1.6868
race	Latino	2 Current Asthmatic	-0.2613	0.0486	-5.38	<.0001	-1.8618
race	Multiracial / Other	2 Current Asthmatic	0.2453	0.0966	2.54	0.0120	1.0715
childhh	No Children in HH	2 Current Asthmatic	0.0757	0.0235	3.21	0.0016	0.5697
pfpl	0-99% FPL	2 Current Asthmatic	0.1885	0.0294	6.42	<.0001	1.1455
INS	Yes	2 Current Asthmatic	0.1703	0.0333	5.12	<.0001	0.9754
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	1.601	1.453	1.765
CITIZEN2 Non-Citizen vs Naturalized Citizen	2 Current Asthmatic	0.760	0.625	0.923
CITIZEN2 US-Born Citizen vs Naturalized Citizen	2 Current Asthmatic	1.952	1.688	2.258
race African American vs White	2 Current Asthmatic	1.283	1.111	1.480
race American Indian / Alaska Native vs White	2 Current Asthmatic	1.798	1.337	2.419
race Asian vs White	2 Current Asthmatic	0.882	0.738	1.054
race Latino vs White	2 Current Asthmatic	0.916	0.827	1.015
race Multiracial / Other vs White	2 Current Asthmatic	1.520	1.231	1.878
NOTE: The degrees of freedom in computing the confidence limits is 160.				

CHIS_74_BinomRegress
 CHIS CHIS_DATA_BINOMIAL_C
 PROC SURVEYLOGISTIC - May 1, 2019

The SURVEYLOGISTIC Procedure

Domain Analysis for domain analyzeData=1

Odds Ratio Estimates				
Effect	nonasthmatic	Point Estimate	95% Confidence Limits	
childhh No Children in HH vs Children in HH	2 Current Asthmatic	1.163	1.060	1.277
pfpl 0-99% FPL vs 100% FPL and Above	2 Current Asthmatic	1.458	1.298	1.637
INS Yes vs No	2 Current Asthmatic	1.406	1.233	1.603
NOTE: The degrees of freedom in computing the confidence limits is 160.				

Association of Predicted Probabilities and Observed Responses			
Percent Concordant	56.7	Somers' D	0.235
Percent Discordant	33.2	Gamma	0.261
Percent Tied	10.1	Tau-a	0.047
Pairs	1442170800	c	0.617

CHIS_74_BinomRegress
CHIS CHIS_DATA_BINOMIAL_C
PROC SURVEYLOGISTIC - May 1, 2019

The SURVEYLOGISTIC Procedure

Domain Analysis for domain analyzeData=1

Estimated Covariance Matrix				
Parameter	Intercept_2 Current Asthmatic	SRSEXFemale_2 Current Asthmatic	CITIZEN2Non-Citizen_2 Current As	CITIZEN2US-Born Citizen_2 Curren
Intercept_2 Current Asthmatic	0.002051	-0.00019	0.000361	-0.00078
SRSEXFemale_2 Current Asthmatic	-0.00019	0.000609	-9.82E-6	-0.00018
CITIZEN2Non-Citizen_2 Current As	0.000361	-9.82E-6	0.003222	-0.00124
CITIZEN2US-Born Citizen_2 Curren	-0.00078	-0.00018	-0.00124	0.001788
raceAfrican American_2 Current A	-0.00006	0.000247	0.000412	-0.00042
raceAmerican Indian / Alaska Nat	0.001937	-0.00023	-0.00046	0.000375
raceAsian_2 Current Asthmatic	-0.00081	-0.00005	-0.00041	0.000882
raceLatino_2 Current Asthmatic	-0.00108	0.000143	0.000308	0.000047
raceMultiracial / Other_2 Curren	0.000545	-0.00016	-0.00044	-0.00037
childhhNo Children in HH_2 Curre	-0.00029	0.000066	6.754E-6	-0.00005
pfpl0-99% FPL_2 Current Asthmati	0.000241	-0.00012	-0.00031	0.000132
INSYes_2 Current Asthmatic	-0.00038	-0.00003	0.000251	-0.00017

CHIS_74_BinomRegress
CHIS CHIS_DATA_BINOMIAL_C
PROC SURVEYLOGISTIC - May 1, 2019

The SURVEYLOGISTIC Procedure

Domain Analysis for domain analyzeData=1

Estimated Covariance Matrix					
Parameter	raceAfrican American_2 Current A	raceAmerican Indian / Alaska Nat	raceAsian_2 Current Asthmatic	raceLatino_2 Current Asthmatic	raceMultiracial / Other_2 Curren
Intercept_2 Current Asthmatic	-0.00006	0.001937	-0.00081	-0.00108	0.000545
SRSEXFemale_2 Current Asthmatic	0.000247	-0.00023	-0.00005	0.000143	-0.00016
CITIZEN2Non-Citizen_2 Current As	0.000412	-0.00046	-0.00041	0.000308	-0.00044
CITIZEN2US-Born Citizen_2 Curren	-0.00042	0.000375	0.000882	0.000047	-0.00037
raceAfrican American_2 Current A	0.004342	-0.00218	-0.00033	-0.00029	-0.00182
raceAmerican Indian / Alaska Nat	-0.00218	0.01685	-0.00515	-0.00228	-0.00515
raceAsian_2 Current Asthmatic	-0.00033	-0.00515	0.006585	0.00029	-0.00138
raceLatino_2 Current Asthmatic	-0.00029	-0.00228	0.00029	0.00236	-0.00067
raceMultiracial / Other_2 Curren	-0.00182	-0.00515	-0.00138	-0.00067	0.00933
childhhNo Children in HH_2 Curre	0.000145	-0.00006	0.00013	0.000127	-0.0004
pfpl0-99% FPL_2 Current Asthmati	-0.00001	2.99E-6	0.000275	-0.00043	0.000094
INSYes_2 Current Asthmatic	-0.00015	0.000091	0.000048	-0.0001	0.00016

CHIS_74_BinomRegress
 CHIS CHIS_DATA_BINOMIAL_C
 PROC SURVEYLOGISTIC - May 1, 2019

The SURVEYLOGISTIC Procedure

Domain Analysis for domain analyzeData=1

Estimated Covariance Matrix			
Parameter	childhhNo Children in HH_2 Curre	pfpl0-99% FPL_2 Current Asthmati	INSYes_2 Current Asthmatic
Intercept_2 Current Asthmatic	-0.00029	0.000241	-0.00038
SRSEXFemale_2 Current Asthmatic	0.000066	-0.00012	-0.00003
CITIZEN2Non-Citizen_2 Current As	6.754E-6	-0.00031	0.000251
CITIZEN2US-Born Citizen_2 Curren	-0.00005	0.000132	-0.00017
raceAfrican American_2 Current A	0.000145	-0.00001	-0.00015
raceAmerican Indian / Alaska Nat	-0.00006	2.99E-6	0.000091
raceAsian_2 Current Asthmatic	0.00013	0.000275	0.000048
raceLatino_2 Current Asthmatic	0.000127	-0.00043	-0.0001
raceMultiracial / Other_2 Curren	-0.0004	0.000094	0.00016
childhhNo Children in HH_2 Curre	0.000555	0.000145	-0.00004
pfpl0-99% FPL_2 Current Asthmati	0.000145	0.000863	0.000195
INSYes_2 Current Asthmatic	-0.00004	0.000195	0.001106

CHIS_74_BinomRegress
CHIS CHIS_DATA_BINOMIAL_C
PROC SURVEYLOGISTIC - May 1, 2019

The SURVEYLOGISTIC Procedure

Domain Analysis for domain analyzeData=1

Estimated Correlation Matrix				
Parameter	Intercept_2 Current Asthmatic	SRSEXFemale_2 Current Asthmatic	CITIZEN2Non-Citizen_2 Current As	CITIZEN2US-Born Citizen_2 Curren
Intercept_2 Current Asthmatic	1.0000	-0.1682	0.1404	-0.4072
SRSEXFemale_2 Current Asthmatic	-0.1682	1.0000	-0.0070	-0.1759
CITIZEN2Non-Citizen_2 Current As	0.1404	-0.0070	1.0000	-0.5169
CITIZEN2US-Born Citizen_2 Curren	-0.4072	-0.1759	-0.5169	1.0000
raceAfrican American_2 Current A	-0.0216	0.1517	0.1102	-0.1517
raceAmerican Indian / Alaska Nat	0.3296	-0.0728	-0.0621	0.0683
raceAsian_2 Current Asthmatic	-0.2197	-0.0258	-0.0895	0.2570
raceLatino_2 Current Asthmatic	-0.4928	0.1191	0.1117	0.0231
raceMultiracial / Other_2 Curren	0.1245	-0.0684	-0.0805	-0.0901
childhhNo Children in HH_2 Curre	-0.2738	0.1140	0.0051	-0.0540
pfpl0-99% FPL_2 Current Asthmati	0.1814	-0.1620	-0.1885	0.1065
INSYes_2 Current Asthmatic	-0.2492	-0.0334	0.1328	-0.1182

CHIS_74_BinomRegress
CHIS CHIS_DATA_BINOMIAL_C
PROC SURVEYLOGISTIC - May 1, 2019

The SURVEYLOGISTIC Procedure

Domain Analysis for domain analyzeData=1

Estimated Correlation Matrix					
Parameter	raceAfrican American_2 Current A	raceAmerican Indian / Alaska Nat	raceAsian_2 Current Asthmatic	raceLatino_2 Current Asthmatic	raceMultiracial / Other_2 Curren
Intercept_2 Current Asthmatic	-0.0216	0.3296	-0.2197	-0.4928	0.1245
SRSEXFemale_2 Current Asthmatic	0.1517	-0.0728	-0.0258	0.1191	-0.0684
CITIZEN2Non-Citizen_2 Current As	0.1102	-0.0621	-0.0895	0.1117	-0.0805
CITIZEN2US-Born Citizen_2 Curren	-0.1517	0.0683	0.2570	0.0231	-0.0901
raceAfrican American_2 Current A	1.0000	-0.2554	-0.0626	-0.0914	-0.2862
raceAmerican Indian / Alaska Nat	-0.2554	1.0000	-0.4889	-0.3620	-0.4108
raceAsian_2 Current Asthmatic	-0.0626	-0.4889	1.0000	0.0736	-0.1761
raceLatino_2 Current Asthmatic	-0.0914	-0.3620	0.0736	1.0000	-0.1431
raceMultiracial / Other_2 Curren	-0.2862	-0.4108	-0.1761	-0.1431	1.0000
childhhNo Children in HH_2 Curre	0.0936	-0.0206	0.0681	0.1112	-0.1742
pfpl0-99% FPL_2 Current Asthmati	-0.0064	0.0008	0.1152	-0.3006	0.0333
INSYes_2 Current Asthmatic	-0.0671	0.0210	0.0176	-0.0612	0.0498

CHIS_74_BinomRegress
CHIS CHIS_DATA_BINOMIAL_C
PROC SURVEYLOGISTIC - May 1, 2019

The SURVEYLOGISTIC Procedure

Domain Analysis for domain analyzeData=1

Estimated Correlation Matrix			
Parameter	childhhNo Children in HH_2 Curre	pfpl0-99% FPL_2 Current Asthmati	INSYes_2 Current Asthmatic
Intercept_2 Current Asthmatic	-0.2738	0.1814	-0.2492
SRSEXFemale_2 Current Asthmatic	0.1140	-0.1620	-0.0334
CITIZEN2Non-Citizen_2 Current As	0.0051	-0.1885	0.1328
CITIZEN2US-Born Citizen_2 Curren	-0.0540	0.1065	-0.1182
raceAfrican American_2 Current A	0.0936	-0.0064	-0.0671
raceAmerican Indian / Alaska Nat	-0.0206	0.0008	0.0210
raceAsian_2 Current Asthmatic	0.0681	0.1152	0.0176
raceLatino_2 Current Asthmatic	0.1112	-0.3006	-0.0612
raceMultiracial / Other_2 Curren	-0.1742	0.0333	0.0498
childhhNo Children in HH_2 Curre	1.0000	0.2102	-0.0457
pfpl0-99% FPL_2 Current Asthmati	0.2102	1.0000	0.2000
INSYes_2 Current Asthmatic	-0.0457	0.2000	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	212	11E4	867	13378	88.6	1.6	99.2	19.6	89.2