

PROC SURVEYLOGISTIC - CHIS.CHIS_DATA_BINOMIAL_A

The SURVEYLOGISTIC Procedure

Model Information		
Data Set	CHIS.CHIS_DATA_BINOMIAL_A	
Response Variable	asthmastatus	asthmatic status
Number of Response Levels	2	
Weight Variable	fnwgt0	
Model	Generalized Logit	
Optimization Technique	Newton-Raphson	

Number of Observations Read	119710
Number of Observations Used	119710
Sum of Weights Read	26984609
Sum of Weights Used	26984609

Response Profile			
Ordered Value	asthmastatus	Total Frequency	Total Weight
1	1 Current Asthmatic	13590	2765889
2	3 Non-Asthmatic	106120	24218720

Logits modeled use asthmastatus='1 Current Asthmatic' as the reference category.

Class Level Information									
Class	Value	Design Variables							
SRSEX	Female	1							
	Male	-1							
agegroup	Later Adult (65+)	1	0						
	Middle Aged (40-64)	0	1						
	Young Adult (18-39)	-1	-1						
CITIZEN2	Naturalized Citizen	1	0						
	Non-Citizen	0	1						
	US-Born Citizen	-1	-1						
famtype	Married w/ Children	-1	-1	-1					
	Married w/o Children	1	0	0					
	Single w/ Children	0	1	0					
	Single w/o Children	0	0	1					
UR_CLRT	2nd City	1	0	0					
	Suburban	0	1	0					
	Town & Rural	-1	-1	-1					
	Urban	0	0	1					
RBMI	Normal 18.5-24.99	-1	-1	-1					
	Obese 30.0+	1	0	0					

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Class Level Information										
Class	Value	Design Variables								
	Overweight 25.0-29.99	0	1	0						
	Underweight 0-18.49	0	0	1						
SMOKING	Currently Smokes	1	0							
	Never Smoked Regularly	-1	-1							
	Quit Smoking	0	1							
DSTRS12	No	-1								
	Yes	1								
POVLL	0-99% FPL	1	0	0						
	100-199% FPL	0	1	0						
	200-299% FPL	0	0	1						
	300% FPL and Above	-1	-1	-1						
FSLEV	Food Insecurity w/ Hunger	1	0	0						
	Food Insecurity w/o Hunger	0	1	0						
	Food Security	0	0	1						
	Inapplicable / >=200% FPL	-1	-1	-1						
AK4	Family Business or Farm	1	0	0	0					
	Government	-1	-1	-1	-1					
	Inapplicable	0	1	0	0					
	Private Company, Non-Profit Org	0	0	1	0					
	Self-Employed	0	0	0	1					
healthplan	Aetna	1	0	0	0	0	0	0	0	0
	Blue Cross	0	1	0	0	0	0	0	0	0
	Blue Shield	0	0	1	0	0	0	0	0	0
	Cigna Health Care	0	0	0	1	0	0	0	0	0
	Health Net	0	0	0	0	1	0	0	0	0
	Inapplicable	-1	-1	-1	-1	-1	-1	-1	-1	-1
	Kaiser	0	0	0	0	0	1	0	0	0
	Medicare/Medi-Cal	0	0	0	0	0	0	1	0	0
	Other	0	0	0	0	0	0	0	1	0
	United Healthcare	0	0	0	0	0	0	0	0	1

Variance Estimation	
Method	Jackknife
Replicate Weights	CHIS_DATA_BINOMIAL_A
Number of Replicates	160

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

Model Fit Statistics		
Criterion	Intercept Only	Intercept and Covariates
AIC	17838929	16816687
SC	17838944	16817231
-2 Log L	17838927	16816615

R-Square	0.0372	Max-rescaled R-Square	0.0769
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Testing Global Null Hypothesis: BETA=0				
Test	F Value	Num DF	Den DF	Pr > F
Likelihood Ratio	106.44	25.7128	4114.04	<.0001
Score	32.25	35	160	<.0001
Wald	37.60	35	160	<.0001
NOTE: Second-order Rao-Scott design correction 0.3612 applied to the Likelihood Ratio test.				

Type 3 Analysis of Effects				
Effect	F Value	Num DF	Den DF	Pr > F
SRSEX	89.41	1	160	<.0001
agegroup	17.06	2	160	<.0001
CITIZEN2	87.84	2	160	<.0001
famtype	6.52	3	160	0.0003
UR_CLRT	2.76	3	160	0.0442
RBMI	44.89	3	160	<.0001
SMOKING	6.09	2	160	0.0028
DSTRS12	72.55	1	160	<.0001
POVLL	11.87	3	160	<.0001
FSLEV	17.29	2	160	<.0001
AK4	7.53	4	160	<.0001
healthplan	7.84	9	160	<.0001

Note: The following parameters have been set to 0, since the variables are a linear combination of other variables as shown.

FSLEVFood Security_3 Non-Asthmat =	-Intercept_3 Non-Asthmatic + 2 * POVLL0-99% FPL_3 Non-Asthmatic + 2 * POVLL100-199% FPL_3 Non-Asthmatic - 2 * POVLL200-299% FPL_3 Non-Asthmatic - FSLEVFood Insecurity w/ Hunger_3 - FSLEVFood Insecurity w/o Hunger_3
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Analysis of Maximum Likelihood Estimates							
Parameter		asthmastatus	Estimate	Standard Error	t Value	Pr > t	Standardized Estimate
Intercept		3 Non-Asthmatic	2.0821	0.0962	21.63	<.0001	
SRSEX	Female	3 Non-Asthmatic	-0.2376	0.0251	-9.46	<.0001	-1.9661
agegroup	Later Adult (65+)	3 Non-Asthmatic	0.2541	0.0440	5.78	<.0001	1.5065
agegroup	Middle Aged (40-64)	3 Non-Asthmatic	-0.0770	0.0315	-2.45	0.0155	-0.5818
CITIZEN2	Naturalized Citizen	3 Non-Asthmatic	0.0983	0.0513	1.92	0.0572	0.6337
CITIZEN2	Non-Citizen	3 Non-Asthmatic	0.4425	0.0600	7.38	<.0001	2.7972
famtype	Married w/o Children	3 Non-Asthmatic	-0.0648	0.0365	-1.77	0.0778	-0.3849
famtype	Single w/ Children	3 Non-Asthmatic	0.0218	0.0586	0.37	0.7102	0.0953
famtype	Single w/o Children	3 Non-Asthmatic	-0.1089	0.0304	-3.58	0.0005	-0.7216
UR_CLRT	2nd City	3 Non-Asthmatic	-0.0792	0.0325	-2.44	0.0159	-0.3573
UR_CLRT	Suburban	3 Non-Asthmatic	0.0493	0.0379	1.30	0.1955	0.2101
UR_CLRT	Urban	3 Non-Asthmatic	0.0500	0.0306	1.63	0.1044	0.2754
RBMI	Obese 30.0+	3 Non-Asthmatic	-0.3598	0.0449	-8.01	<.0001	-2.3436
RBMI	Overweight 25.0-29.99	3 Non-Asthmatic	0.0273	0.0465	0.59	0.5582	0.1919
RBMI	Underweight 0-18.49	3 Non-Asthmatic	0.1285	0.1060	1.21	0.2271	0.5442
SMOKING	Currently Smokes	3 Non-Asthmatic	-0.0176	0.0408	-0.43	0.6668	-0.1037
SMOKING	Quit Smoking	3 Non-Asthmatic	-0.0743	0.0339	-2.19	0.0300	-0.5121
DSTRS12	Yes	3 Non-Asthmatic	-0.2830	0.0332	-8.52	<.0001	-1.2712
POVLL	0-99% FPL	3 Non-Asthmatic	0.4248	0.0919	4.62	<.0001	2.6239
POVLL	100-199% FPL	3 Non-Asthmatic	0.5105	0.0900	5.67	<.0001	3.2842
POVLL	200-299% FPL	3 Non-Asthmatic	-0.5168	0.0899	-5.75	<.0001	-3.0481
FSLEV	Food Insecurity w/ Hunger	3 Non-Asthmatic	-0.5263	0.1035	-5.08	<.0001	-2.5935
FSLEV	Food Insecurity w/o Hunger	3 Non-Asthmatic	-0.2663	0.0649	-4.11	<.0001	-1.4785
FSLEV	Food Security	3 Non-Asthmatic	0	.	.	.	.
AK4	Family Business or Farm	3 Non-Asthmatic	-0.0579	0.1572	-0.37	0.7131	-0.1539
AK4	Inapplicable	3 Non-Asthmatic	-0.0928	0.0490	-1.89	0.0601	-0.4791
AK4	Private Company, Non-Profit Org	3 Non-Asthmatic	0.1153	0.0549	2.10	0.0372	0.6151
AK4	Self-Employed	3 Non-Asthmatic	0.1544	0.0727	2.12	0.0353	0.5776
healthplan	Aetna	3 Non-Asthmatic	0.2452	0.1030	2.38	0.0184	0.8694
healthplan	Blue Cross	3 Non-Asthmatic	0.0906	0.0611	1.48	0.1401	0.3947
healthplan	Blue Shield	3 Non-Asthmatic	-0.0611	0.0840	-0.73	0.4684	-0.2386
healthplan	Cigna Health Care	3 Non-Asthmatic	-0.1570	0.1532	-1.02	0.3070	-0.5247
healthplan	Health Net	3 Non-Asthmatic	-0.0666	0.1328	-0.50	0.6165	-0.2293
healthplan	Kaiser	3 Non-Asthmatic	-0.1425	0.0528	-2.70	0.0076	-0.6541
healthplan	Medicare/Medi-Cal	3 Non-Asthmatic	-0.2229	0.0649	-3.43	0.0008	-1.2580
healthplan	Other	3 Non-Asthmatic	0.0929	0.0926	1.00	0.3171	0.3549
healthplan	United Healthcare	3 Non-Asthmatic	-0.0644	0.1107	-0.58	0.5616	-0.2283
NOTE: The degrees of freedom for the t tests is 160.							

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Odds Ratio Estimates					
Effect		asthmastatus	Point Estimate	95% Confidence Limits	
SRSEX	Female vs Male	3 Non-Asthmatic	0.622	0.563	0.687
agegroup	Later Adult (65+) vs Young Adult (18-39)	3 Non-Asthmatic	1.539	1.326	1.786
agegroup	Middle Aged (40-64) vs Young Adult (18-39)	3 Non-Asthmatic	1.105	0.995	1.228
CITIZEN2	Naturalized Citizen vs US-Born Citizen	3 Non-Asthmatic	1.895	1.648	2.179
CITIZEN2	Non-Citizen vs US-Born Citizen	3 Non-Asthmatic	2.674	2.243	3.186
famtype	Married w/o Children vs Married w/ Children	3 Non-Asthmatic	0.805	0.703	0.922
famtype	Single w/ Children vs Married w/ Children	3 Non-Asthmatic	0.878	0.730	1.056
famtype	Single w/o Children vs Married w/ Children	3 Non-Asthmatic	0.770	0.683	0.869
UR_CLRT	2nd City vs Town & Rural	3 Non-Asthmatic	0.943	0.836	1.063
UR_CLRT	Suburban vs Town & Rural	3 Non-Asthmatic	1.072	0.936	1.227
UR_CLRT	Urban vs Town & Rural	3 Non-Asthmatic	1.073	0.951	1.209
RBMI	Obese 30.0+ vs Normal 18.5-24.99	3 Non-Asthmatic	0.569	0.516	0.627
RBMI	Overweight 25.0-29.99 vs Normal 18.5-24.99	3 Non-Asthmatic	0.838	0.763	0.921
RBMI	Underweight 0-18.49 vs Normal 18.5-24.99	3 Non-Asthmatic	0.927	0.697	1.233
SMOKING	Currently Smokes vs Never Smoked Regularly	3 Non-Asthmatic	0.896	0.792	1.015
SMOKING	Quit Smoking vs Never Smoked Regularly	3 Non-Asthmatic	0.847	0.768	0.933
DSTRS12	Yes vs No	3 Non-Asthmatic	0.568	0.498	0.647
POVLL	0-99% FPL vs 300% FPL and Above	3 Non-Asthmatic	2.324	1.654	3.266
POVLL	100-199% FPL vs 300% FPL and Above	3 Non-Asthmatic	2.532	1.804	3.554
POVLL	200-299% FPL vs 300% FPL and Above	3 Non-Asthmatic	0.906	0.805	1.020
FSLEV	Food Insecurity w/ Hunger vs Inapplicable / >=200% FPL	3 Non-Asthmatic	0.267	0.169	0.422
FSLEV	Food Insecurity w/o Hunger vs Inapplicable / >=200% FPL	3 Non-Asthmatic	0.347	0.241	0.499
AK4	Family Business or Farm vs Government	3 Non-Asthmatic	1.063	0.718	1.574
AK4	Inapplicable vs Government	3 Non-Asthmatic	1.026	0.888	1.186
AK4	Private Company, Non-Profit Org vs Government	3 Non-Asthmatic	1.264	1.094	1.461
AK4	Self-Employed vs Government	3 Non-Asthmatic	1.314	1.097	1.575
healthplan	Aetna vs Inapplicable	3 Non-Asthmatic	0.960	0.733	1.258
healthplan	Blue Cross vs Inapplicable	3 Non-Asthmatic	0.823	0.699	0.968
healthplan	Blue Shield vs Inapplicable	3 Non-Asthmatic	0.707	0.561	0.892
healthplan	Cigna Health Care vs Inapplicable	3 Non-Asthmatic	0.642	0.442	0.933
healthplan	Health Net vs Inapplicable	3 Non-Asthmatic	0.703	0.500	0.988
healthplan	Kaiser vs Inapplicable	3 Non-Asthmatic	0.652	0.549	0.774
healthplan	Medicare/Medi-Cal vs Inapplicable	3 Non-Asthmatic	0.601	0.517	0.699
healthplan	Other vs Inapplicable	3 Non-Asthmatic	0.825	0.638	1.066
healthplan	United Healthcare vs Inapplicable	3 Non-Asthmatic	0.705	0.546	0.909

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

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Association of Predicted Probabilities and Observed Responses			
Percent Concordant	65.4	Somers' D	0.317
Percent Discordant	33.7	Gamma	0.320
Percent Tied	1.0	Tau-a	0.064
Pairs	1442170800	c	0.658

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Estimated Covariance Matrix					
Parameter	Intercept_3 Non-Asthmatic	SRSEXFemale_3 Non-Asthmatic	agegroupLater Adult (65+)_3 Non-	agegroupMiddle Aged (40-64)_3 No	CITIZEN2Naturalized Citizen_3 No
Intercept_3 Non-Asthmatic	0.009262	-0.00031	0.001392	-0.00074	0.000773
SRSEXFemale_3 Non-Asthmatic	-0.00031	0.000632	-0.00004	0.000016	0.000167
agegroupLater Adult (65+)_3 Non-	0.001392	-0.00004	0.001935	-0.00076	-0.00004
agegroupMiddle Aged (40-64)_3 No	-0.00074	0.000016	-0.00076	0.00099	0.000082
CITIZEN2Naturalized Citizen_3 No	0.000773	0.000167	-0.00004	0.000082	0.002635
CITIZEN2Non-Citizen_3 Non-Asthma	0.000225	0.00001	0.000011	-0.00026	-0.00228
famtypeMarried w/o Children_3 No	-0.0008	0.000119	-0.00039	0.000028	0.00026
famtypeSingle w/ Children_3 Non-	0.001611	-2.9E-6	0.000418	0.000016	0.000216
famtypeSingle w/o Children_3 Non	-0.00055	-0.00002	-0.00021	0.000034	-0.00015
UR_CLRT2nd City_3 Non-Asthmatic	-0.0002	-0.00008	0.000102	-0.00013	-0.00018
UR_CLRTSuburban_3 Non-Asthmatic	0.000917	-0.00012	-0.00023	-0.00001	0.000263
UR_CLRTUrban_3 Non-Asthmatic	-0.0002	0.000092	0.000031	0.000066	0.000068
RBMIObese 30.0+_3 Non-Asthmatic	-0.00115	0.000106	0.000155	-0.00021	0.000559
RBMIOverweight 25.0-29.99_3 Non-	-0.00099	0.000034	-0.00004	-0.00025	0.000055
RBMIOUnderweight 0-18.49_3 Non-As	0.003128	-0.00011	-0.00024	0.000569	-0.00068
SMOKINGCurrently Smokes_3 Non-As	-0.00004	0.000152	0.000137	-0.00008	-0.00013
SMOKINGQuit Smoking_3 Non-Asthma	0.000433	3.388E-6	-0.00021	0.000046	0.000177
DSTRS12Yes_3 Non-Asthmatic	0.000567	2.33E-6	0.000212	0.000017	-0.00005
POVLL0-99% FPL_3 Non-Asthmatic	-0.00378	0.000179	0.000538	0.000236	-0.00082
POVLL100-199% FPL_3 Non-Asthmati	-0.00389	0.000464	0.00023	0.000086	-0.00106
POVLL200-299% FPL_3 Non-Asthmati	0.004275	-0.00037	-0.00005	-0.00037	0.000923
FSLEVFood Insecurity w/ Hunger_3	0.004629	-0.0004	0.000224	-0.00032	0.0015
FSLEVFood Insecurity w/o Hunger_	0.002506	-0.00019	-0.00023	-0.00016	0.000118
FSLEVFood Security_3 Non-Asthmat	.	.	.	.	.
AK4Family Business or Farm_3 Non	0.004569	0.000052	-0.00021	0.00082	0.001643

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Estimated Covariance Matrix					
Parameter	CITIZEN2Non-Citizen_3 Non-Asthma	famtypeMarried w/o Children_3 No	famtypeSingle w/ Children_3 Non-	famtypeSingle w/o Children_3 Non	UR_CLRT2nd City_3 Non-Asthmatic
Intercept_3 Non-Asthmatic	0.000225	-0.0008	0.001611	-0.00055	-0.0002
SRSEXFemale_3 Non-Asthmatic	0.00001	0.000119	-2.9E-6	-0.00002	-0.00008
agegroupLater Adult (65+)_3 Non-	0.000011	-0.00039	0.000418	-0.00021	0.000102
agegroupMiddle Aged (40-64)_3 No	-0.00026	0.000028	0.000016	0.000034	-0.00013
CITIZEN2Naturalized Citizen_3 No	-0.00228	0.00026	0.000216	-0.00015	-0.00018
CITIZEN2Non-Citizen_3 Non-Asthma	0.003597	-0.00021	-0.00022	0.000237	0.000167
famtypeMarried w/o Children_3 No	-0.00021	0.001334	-0.00102	0.000243	0.000013
famtypeSingle w/ Children_3 Non-	-0.00022	-0.00102	0.003433	-0.00091	-0.0002
famtypeSingle w/o Children_3 Non	0.000237	0.000243	-0.00091	0.000925	0.000041
UR_CLRT2nd City_3 Non-Asthmatic	0.000167	0.000013	-0.0002	0.000041	0.001056
UR_CLRTSuburban_3 Non-Asthmatic	-4.88E-6	-0.00012	0.000121	0.000014	-0.00042
UR_CLRTUrban_3 Non-Asthmatic	-0.00028	0.000098	0.000169	0.000061	-0.00018
RBMIObese 30.0+_3 Non-Asthmatic	-0.0006	0.000085	-0.00003	-0.00003	-0.00011
RBMIOverweight 25.0-29.99_3 Non-	-0.00002	-0.00006	-0.00047	0.000071	0.000069
RBMIOUnderweight 0-18.49_3 Non-As	0.000928	0.000102	0.000758	0.000175	-0.00006
SMOKINGCurrently Smokes_3 Non-As	0.000074	0.000018	0.000175	0.000084	-0.00025
SMOKINGQuit Smoking_3 Non-Asthma	0.00003	-0.00015	0.000192	-0.00015	0.000072
DSTRS12Yes_3 Non-Asthmatic	-0.00011	1.859E-6	-0.00006	-0.00002	-0.00002
POVLL0-99% FPL_3 Non-Asthmatic	0.000703	0.000181	-4.82E-6	0.000055	0.00031
POVLL100-199% FPL_3 Non-Asthmati	0.001236	0.000121	-0.00003	-0.00021	0.000447
POVLL200-299% FPL_3 Non-Asthmati	-0.00116	-0.00018	-0.00007	0.00003	-0.00043
FSLEVFFood Insecurity w/ Hunger_3	-0.0013	0.000301	-0.00021	-0.00015	0.000018
FSLEVFFood Insecurity w/o Hunger_	-0.00057	-0.00012	0.000179	0.000168	-0.00022
FSLEVFFood Security_3 Non-Asthmat
AK4Family Business or Farm_3 Non	-0.00212	-0.0011	0.00092	-0.00034	-0.00096

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Estimated Covariance Matrix				
Parameter	UR_CLRTSuburban_3 Non-Asthmatic	UR_CLRTUrban_3 Non-Asthmatic	RBMIObese 30.0+_3 Non-Asthmatic	RBMIOverweight 25.0-29.99_3 Non-
Intercept_3 Non-Asthmatic	0.000917	-0.0002	-0.00115	-0.00099
SRSEXFemale_3 Non-Asthmatic	-0.00012	0.000092	0.000106	0.000034
agegroupLater Adult (65+)_3 Non-	-0.00023	0.000031	0.000155	-0.00004
agegroupMiddle Aged (40-64)_3 No	-0.00001	0.000066	-0.00021	-0.00025
CITIZEN2Naturalized Citizen_3 No	0.000263	0.000068	0.000559	0.000055
CITIZEN2Non-Citizen_3 Non-Asthma	-4.88E-6	-0.00028	-0.0006	-0.00002
famtypeMarried w/o Children_3 No	-0.00012	0.000098	0.000085	-0.00006
famtypeSingle w/ Children_3 Non-	0.000121	0.000169	-0.00003	-0.00047
famtypeSingle w/o Children_3 Non	0.000014	0.000061	-0.00003	0.000071
UR_CLRT2nd City_3 Non-Asthmatic	-0.00042	-0.00018	-0.00011	0.000069
UR_CLRTSuburban_3 Non-Asthmatic	0.001439	-0.00025	-3.26E-7	0.000011
UR_CLRTUrban_3 Non-Asthmatic	-0.00025	0.000937	-0.00016	-0.00025
RBMIObese 30.0+_3 Non-Asthmatic	-3.26E-7	-0.00016	0.002018	0.000745
RBMIOverweight 25.0-29.99_3 Non-	0.000011	-0.00025	0.000745	0.002165
RBMIOUnderweight 0-18.49_3 Non-As	-0.00017	0.000597	-0.00356	-0.00387
SMOKINGCurrently Smokes_3 Non-As	-0.00004	0.000086	0.0001	0.000061
SMOKINGQuit Smoking_3 Non-Asthma	0.000128	0.000018	-0.00018	5.304E-6
DSTRS12Yes_3 Non-Asthmatic	-0.00014	0.000072	-0.00002	0.000104
POVLL0-99% FPL_3 Non-Asthmatic	-0.00063	-0.00015	0.00022	-0.00005
POVLL100-199% FPL_3 Non-Asthmati	-0.00075	-0.00018	-2.99E-6	-0.00026
POVLL200-299% FPL_3 Non-Asthmati	0.000798	0.000225	-0.00021	-4.85E-6
FSLEVFfood Insecurity w/ Hunger_3	0.00073	1.179E-6	-0.00024	-0.00002
FSLEVFfood Insecurity w/o Hunger_	0.000364	0.00016	-6.43E-6	0.000209
FSLEVFfood Security_3 Non-Asthmat
AK4Family Business or Farm_3 Non	0.000996	-0.00048	0.000249	0.000046

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Estimated Covariance Matrix					
Parameter	RBMIOUnderweight 0-18.49_3 Non-As	SMOKINGCurrently Smokes_3 Non-As	SMOKINGQuit Smoking_3 Non-Asthma	DSTRS12Yes_3 Non-Asthmatic	POVLL0-99% FPL_3 Non-Asthmatic
Intercept_3 Non-Asthmatic	0.003128	-0.00004	0.000433	0.000567	-0.00378
SRSEXFemale_3 Non-Asthmatic	-0.00011	0.000152	3.388E-6	2.33E-6	0.000179
agegroupLater Adult (65+)_3 Non-	-0.00024	0.000137	-0.00021	0.000212	0.000538
agegroupMiddle Aged (40-64)_3 No	0.000569	-0.00008	0.000046	0.000017	0.000236
CITIZEN2Naturalized Citizen_3 No	-0.00068	-0.00013	0.000177	-0.00005	-0.00082
CITIZEN2Non-Citizen_3 Non-Asthma	0.000928	0.000074	0.00003	-0.00011	0.000703
famtypeMarried w/o Children_3 No	0.000102	0.000018	-0.00015	1.859E-6	0.000181
famtypeSingle w/ Children_3 Non-	0.000758	0.000175	0.000192	-0.00006	-4.82E-6
famtypeSingle w/o Children_3 Non	0.000175	0.000084	-0.00015	-0.00002	0.000055
UR_CLRT2nd City_3 Non-Asthmatic	-0.00006	-0.00025	0.000072	-0.00002	0.00031
UR_CLRTSuburban_3 Non-Asthmatic	-0.00017	-0.00004	0.000128	-0.00014	-0.00063
UR_CLRTUrban_3 Non-Asthmatic	0.000597	0.000086	0.000018	0.000072	-0.00015
RBMIObese 30.0+_3 Non-Asthmatic	-0.00356	0.0001	-0.00018	-0.00002	0.00022
RBMIOverweight 25.0-29.99_3 Non-	-0.00387	0.000061	5.304E-6	0.000104	-0.00005
RBMIOUnderweight 0-18.49_3 Non-As	0.011236	-0.00008	0.000089	0.000064	0.000199
SMOKINGCurrently Smokes_3 Non-As	-0.00008	0.001663	-0.00096	0.000091	0.000582
SMOKINGQuit Smoking_3 Non-Asthma	0.000089	-0.00096	0.001151	-0.00031	-0.00055
DSTRS12Yes_3 Non-Asthmatic	0.000064	0.000091	-0.00031	0.001104	0.000428
POVLL0-99% FPL_3 Non-Asthmatic	0.000199	0.000582	-0.00055	0.000428	0.008439
POVLL100-199% FPL_3 Non-Asthmati	0.000332	0.000518	-0.00069	0.000484	0.005633
POVLL200-299% FPL_3 Non-Asthmati	0.000047	-0.00056	0.000652	-0.00037	-0.00727
FSLEVFFood Insecurity w/ Hunger_3	-0.00017	-0.00074	0.00093	-0.00111	-0.00689
FSLEVFFood Insecurity w/o Hunger_	-0.00027	-0.0004	0.000213	0.000271	-0.00382
FSLEVFFood Security_3 Non-Asthmat
AK4Family Business or Farm_3 Non	-0.00109	-0.0009	0.000715	-0.00019	-0.00161

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The SURVEYLOGISTIC Procedure

Estimated Covariance Matrix						
Parameter	POVLL100-199% FPL_3 Non-Asthmati	POVLL200-299% FPL_3 Non-Asthmati	FSLEVF Food Insecurity w/ Hunger_3	FSLEVF Food Insecurity w/o Hunger_	FSLEVF Food Security_3 Non-Asthmat	AK4Family Business or Farm_3 Non
Intercept_3 Non-Asthmatic	-0.00389	0.004275	0.004629	0.002506	.	0.004569
SRSEXFemale_3 Non-Asthmatic	0.000464	-0.00037	-0.0004	-0.00019	.	0.000052
agegroupLater Adult (65+)_3 Non-	0.00023	-0.00005	0.000224	-0.00023	.	-0.00021
agegroupMiddle Aged (40-64)_3 No	0.000086	-0.00037	-0.00032	-0.00016	.	0.00082
CITIZEN2Naturalized Citizen_3 No	-0.00106	0.000923	0.0015	0.000118	.	0.001643
CITIZEN2Non-Citizen_3 Non-Asthma	0.001236	-0.00116	-0.0013	-0.00057	.	-0.00212
famtypeMarried w/o Children_3 No	0.000121	-0.00018	0.000301	-0.00012	.	-0.0011
famtypeSingle w/ Children_3 Non-	-0.00003	-0.00007	-0.00021	0.000179	.	0.00092
famtypeSingle w/o Children_3 Non	-0.00021	0.00003	-0.00015	0.000168	.	-0.00034
UR_CLRT2nd City_3 Non-Asthmatic	0.000447	-0.00043	0.000018	-0.00022	.	-0.00096
UR_CLRTSuburban_3 Non-Asthmatic	-0.00075	0.000798	0.00073	0.000364	.	0.000996
UR_CLRTUrban_3 Non-Asthmatic	-0.00018	0.000225	1.179E-6	0.00016	.	-0.00048
RBMIObese 30.0+_3 Non-Asthmatic	-2.99E-6	-0.00021	-0.00024	-6.43E-6	.	0.000249
RBMIOverweight 25.0-29.99_3 Non-	-0.00026	-4.85E-6	-0.00002	0.000209	.	0.000046
RBMIOUnderweight 0-18.49_3 Non-As	0.000332	0.000047	-0.00017	-0.00027	.	-0.00109
SMOKINGCurrently Smokes_3 Non-As	0.000518	-0.00056	-0.00074	-0.0004	.	-0.0009
SMOKINGQuit Smoking_3 Non-Asthma	-0.00069	0.000652	0.00093	0.000213	.	0.000715
DSTRS12Yes_3 Non-Asthmatic	0.000484	-0.00037	-0.00111	0.000271	.	-0.00019
POVLL0-99% FPL_3 Non-Asthmatic	0.005633	-0.00727	-0.00689	-0.00382	.	-0.00161
POVLL100-199% FPL_3 Non-Asthmati	0.008099	-0.00686	-0.00716	-0.00329	.	-0.00274
POVLL200-299% FPL_3 Non-Asthmati	-0.00686	0.00808	0.006947	0.003648	.	0.002039
FSLEVF Food Insecurity w/ Hunger_3	-0.00716	0.006947	0.010719	0.001637	.	0.002458
FSLEVF Food Insecurity w/o Hunger_	-0.00329	0.003648	0.001637	0.004206	.	0.000537
FSLEVF Food Security_3 Non-Asthmat	.	.	.	.	.	.
AK4Family Business or Farm_3 Non	-0.00274	0.002039	0.002458	0.000537	.	0.024709

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The SURVEYLOGISTIC Procedure

Estimated Covariance Matrix					
Parameter	AK4Inapplicable_3 Non-Asthmatic	AK4Private Company, Non-Profit O	AK4Self-Employed_3 Non-Asthmatic	healthplanAetna_3 Non-Asthmatic	healthplanBlue Cross_3 Non-Asthm
Intercept_3 Non-Asthmatic	-0.00157	-0.00185	-0.0007	0.000457	-0.00112
SRSEXFemale_3 Non-Asthmatic	-0.00002	-0.0001	0.000195	-0.00023	0.00017
agegroupLater Adult (65+)_3 Non-	-0.00023	0.000208	0.000047	-0.00033	0.000037
agegroupMiddle Aged (40-64)_3 No	-0.00004	-0.00016	-0.00055	0.000513	0.000095
CITIZEN2Naturalized Citizen_3 No	-0.00035	-0.00018	-0.0005	0.00008	-0.00005
CITIZEN2Non-Citizen_3 Non-Asthma	0.000587	0.000181	0.000684	-0.00029	-0.00012
famtypeMarried w/o Children_3 No	0.000165	0.000442	0.000376	0.000276	0.000277
famtypeSingle w/ Children_3 Non-	1.828E-6	-0.00035	-0.00016	0.000307	0.000113
famtypeSingle w/o Children_3 Non	0.000073	0.000102	0.000054	-0.00057	0.00014
UR_CLRT2nd City_3 Non-Asthmatic	0.000287	-0.00002	0.000361	0.000841	-0.00001
UR_CLRTSuburban_3 Non-Asthmatic	-0.00031	-0.0002	-0.00033	0.000328	-0.00035
UR_CLRTUrban_3 Non-Asthmatic	0.000027	0.000188	0.000335	-0.00019	0.000011
RBMIObese 30.0+_3 Non-Asthmatic	-0.0001	0.000224	-0.00008	-0.00053	0.000048
RBMIOverweight 25.0-29.99_3 Non-	0.000018	0.00025	-0.00012	0.000066	-0.00025
RBMIOUnderweight 0-18.49_3 Non-As	0.000231	-0.00042	0.00065	0.000413	0.000194
SMOKINGCurrently Smokes_3 Non-As	0.000076	0.000077	0.000611	-0.00029	0.000172
SMOKINGQuit Smoking_3 Non-Asthma	-0.00002	-0.00005	-0.00042	0.000395	-0.00022
DSTRS12Yes_3 Non-Asthmatic	-0.00024	-0.0001	0.000205	-0.00048	-0.00011
POVLL0-99% FPL_3 Non-Asthmatic	0.000318	0.000025	0.000928	0.000904	0.000882
POVLL100-199% FPL_3 Non-Asthmati	0.000744	-0.00003	0.000697	0.000244	0.000942
POVLL200-299% FPL_3 Non-Asthmati	-0.00074	0.00009	-0.00066	-0.00076	-0.00084
FSLEVFFood Insecurity w/ Hunger_3	-0.00039	0.000027	-0.00104	0.000535	-0.00047
FSLEVFFood Insecurity w/o Hunger_	-0.00036	-9.21E-6	-0.00005	-0.00032	-0.00066
FSLEVFFood Security_3 Non-Asthmat
AK4Family Business or Farm_3 Non	-0.00537	-0.00625	-0.00759	0.001507	0.000231

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The SURVEYLOGISTIC Procedure

Estimated Covariance Matrix				
Parameter	healthplanBlue Shield_3 Non-Asth	healthplanCigna Health Care_3 No	healthplanHealth Net_3 Non-Asthm	healthplanKaiser_3 Non-Asthmatic
Intercept_3 Non-Asthmatic	-0.00037	0.00413	0.001435	-0.00067
SRSEXFemale_3 Non-Asthmatic	0.00019	0.000159	-0.0004	-6.02E-6
agegroupLater Adult (65+)_3 Non-	0.000568	0.000511	0.000799	-0.00012
agegroupMiddle Aged (40-64)_3 No	-0.00045	-0.00025	-0.00123	-0.00002
CITIZEN2Naturalized Citizen_3 No	-0.00019	-0.00001	0.000259	-0.00021
CITIZEN2Non-Citizen_3 Non-Asthma	0.000327	0.000338	-0.00032	0.000407
famtypeMarried w/o Children_3 No	-0.00016	-0.00001	-0.0006	0.000014
famtypeSingle w/ Children_3 Non-	0.000405	-0.00085	0.000353	-0.00033
famtypeSingle w/o Children_3 Non	0.000256	0.000533	0.000331	-0.00013
UR_CLRT2nd City_3 Non-Asthmatic	-0.00006	-0.00012	0.000472	0.000158
UR_CLRTSuburban_3 Non-Asthmatic	0.000289	0.000759	-0.00027	-0.00015
UR_CLRTUrban_3 Non-Asthmatic	0.000332	-0.00046	-0.0004	-0.00015
RBMIObese 30.0+_3 Non-Asthmatic	0.000369	0.000072	0.000756	-0.00002
RBMIOverweight 25.0-29.99_3 Non-	-0.00033	-0.00003	-0.00026	0.000146
RBMIOUnderweight 0-18.49_3 Non-As	-0.00027	0.000444	-0.00054	-0.00039
SMOKINGCurrently Smokes_3 Non-As	0.00027	-0.00009	0.000809	-0.0002
SMOKINGQuit Smoking_3 Non-Asthma	-0.00024	0.00006	-0.00104	0.000222
DSTRS12Yes_3 Non-Asthmatic	-0.00022	-0.00014	0.000347	0.000011
POVLL0-99% FPL_3 Non-Asthmatic	-0.00047	-0.0012	0.00067	-0.00014
POVLL100-199% FPL_3 Non-Asthmati	0.000456	-0.00209	0.000722	0.000131
POVLL200-299% FPL_3 Non-Asthmati	0.000294	0.00138	-0.00114	0.000069
FSLEVFFood Insecurity w/ Hunger_3	-0.00047	0.001125	-0.00055	0.000153
FSLEVFFood Insecurity w/o Hunger_	0.000054	0.002125	0.000312	-0.00007
FSLEVFFood Security_3 Non-Asthmat	.	.	.	.
AK4Family Business or Farm_3 Non	-0.00026	-0.00225	-0.00317	-0.00019

PROC SURVEYLOGISTIC - CHIS.CHIS_DATA_BINOMIAL_A

The SURVEYLOGISTIC Procedure

Estimated Covariance Matrix			
Parameter	healthplanMedicare/Medi-Cal_3 No	healthplanOther_3 Non-Asthmatic	healthplanUnited Healthcare_3 No
Intercept_3 Non-Asthmatic	-0.00271	-0.00027	0.001758
SRSEXFemale_3 Non-Asthmatic	0.000113	0.00043	-0.00052
agegroupLater Adult (65+)_3 Non-	-0.0015	0.00037	0.000253
agegroupMiddle Aged (40-64)_3 No	0.000816	0.000058	0.000025
CITIZEN2Naturalized Citizen_3 No	0.000113	0.000127	-0.00029
CITIZEN2Non-Citizen_3 Non-Asthma	-0.00004	-0.00018	0.000183
famtypeMarried w/o Children_3 No	0.000217	-0.00003	-0.00024
famtypeSingle w/ Children_3 Non-	-0.00084	0.000409	0.00085
famtypeSingle w/o Children_3 Non	0.000132	-0.00014	-0.00048
UR_CLRT2nd City_3 Non-Asthmatic	-0.00021	-0.00011	-0.00083
UR_CLRTSuburban_3 Non-Asthmatic	-0.00008	-0.00021	-0.00006
UR_CLRTUrban_3 Non-Asthmatic	-7.2E-6	0.0005	0.000435
RBMIObese 30.0+_3 Non-Asthmatic	-0.00008	0.000127	-0.00046
RBMIOverweight 25.0-29.99_3 Non-	0.000081	0.000113	0.000648
RBMIOUnderweight 0-18.49_3 Non-As	-0.00017	-0.00043	0.000188
SMOKINGCurrently Smokes_3 Non-As	-0.00023	0.000078	-0.00046
SMOKINGQuit Smoking_3 Non-Asthma	0.000119	0.00009	0.000652
DSTRS12Yes_3 Non-Asthmatic	-0.00008	0.000628	0.000458
POVLL0-99% FPL_3 Non-Asthmatic	-0.00019	0.001204	-0.00152
POVLL100-199% FPL_3 Non-Asthmati	0.000196	0.001123	-0.00205
POVLL200-299% FPL_3 Non-Asthmati	-0.0002	-0.00082	0.002101
FSLEVFood Insecurity w/ Hunger_3	-0.00047	-0.00197	0.001733
FSLEVFood Insecurity w/o Hunger_	-0.00069	-0.00025	0.000912
FSLEVFood Security_3 Non-Asthmat	.	.	.
AK4Family Business or Farm_3 Non	0.001784	0.000509	0.00092

PROC SURVEYLOGISTIC - CHIS.CHIS_DATA_BINOMIAL_A

The SURVEYLOGISTIC Procedure

Estimated Covariance Matrix					
Parameter	Intercept_3 Non-Asthmatic	SRSEXFemale_3 Non-Asthmatic	agegroupLater Adult (65+)_3 Non-	agegroupMiddle Aged (40-64)_3 No	CITIZEN2Naturalized Citizen_3 No
AK4Inapplicable_3 Non-Asthmatic	-0.00157	-0.00002	-0.00023	-0.00004	-0.00035
AK4Private Company, Non-Profit O	-0.00185	-0.0001	0.000208	-0.00016	-0.00018
AK4Self-Employed_3 Non-Asthmatic	-0.0007	0.000195	0.000047	-0.00055	-0.0005
healthplanAetna_3 Non-Asthmatic	0.000457	-0.00023	-0.00033	0.000513	0.00008
healthplanBlue Cross_3 Non-Asthm	-0.00112	0.00017	0.000037	0.000095	-0.00005
healthplanBlue Shield_3 Non-Asth	-0.00037	0.00019	0.000568	-0.00045	-0.00019
healthplanCigna Health Care_3 No	0.00413	0.000159	0.000511	-0.00025	-0.00001
healthplanHealth Net_3 Non-Asthm	0.001435	-0.0004	0.000799	-0.00123	0.000259
healthplanKaiser_3 Non-Asthmatic	-0.00067	-6.02E-6	-0.00012	-0.00002	-0.00021
healthplanMedicare/Medi-Cal_3 No	-0.00271	0.000113	-0.0015	0.000816	0.000113
healthplanOther_3 Non-Asthmatic	-0.00027	0.00043	0.00037	0.000058	0.000127
healthplanUnited Healthcare_3 No	0.001758	-0.00052	0.000253	0.000025	-0.00029

PROC SURVEYLOGISTIC - CHIS.CHIS_DATA_BINOMIAL_A

The SURVEYLOGISTIC Procedure

Estimated Covariance Matrix					
Parameter	CITIZEN2Non-Citizen_3 Non-Asthma	famtypeMarried w/o Children_3 No	famtypeSingle w/ Children_3 Non-	famtypeSingle w/o Children_3 Non	UR_CLRT2nd City_3 Non-Asthmatic
AK4Inapplicable_3 Non-Asthmatic	0.000587	0.000165	1.828E-6	0.000073	0.000287
AK4Private Company, Non-Profit O	0.000181	0.000442	-0.00035	0.000102	-0.00002
AK4Self-Employed_3 Non-Asthmatic	0.000684	0.000376	-0.00016	0.000054	0.000361
healthplanAetna_3 Non-Asthmatic	-0.00029	0.000276	0.000307	-0.00057	0.000841
healthplanBlue Cross_3 Non-Asthm	-0.00012	0.000277	0.000113	0.00014	-0.00001
healthplanBlue Shield_3 Non-Asth	0.000327	-0.00016	0.000405	0.000256	-0.00006
healthplanCigna Health Care_3 No	0.000338	-0.00001	-0.00085	0.000533	-0.00012
healthplanHealth Net_3 Non-Asthm	-0.00032	-0.0006	0.000353	0.000331	0.000472
healthplanKaiser_3 Non-Asthmatic	0.000407	0.000014	-0.00033	-0.00013	0.000158
healthplanMedicare/Medi-Cal_3 No	-0.00004	0.000217	-0.00084	0.000132	-0.00021
healthplanOther_3 Non-Asthmatic	-0.00018	-0.00003	0.000409	-0.00014	-0.00011
healthplanUnited Healthcare_3 No	0.000183	-0.00024	0.00085	-0.00048	-0.00083

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The SURVEYLOGISTIC Procedure

Estimated Covariance Matrix				
Parameter	UR_CLRTSuburban_3 Non-Asthmatic	UR_CLRTUrban_3 Non-Asthmatic	RBMIObese 30.0+_3 Non-Asthmatic	RBMIOverweight 25.0-29.99_3 Non-
AK4Inapplicable_3 Non-Asthmatic	-0.00031	0.000027	-0.0001	0.000018
AK4Private Company, Non-Profit O	-0.0002	0.000188	0.000224	0.00025
AK4Self-Employed_3 Non-Asthmatic	-0.00033	0.000335	-0.00008	-0.00012
healthplanAetna_3 Non-Asthmatic	0.000328	-0.00019	-0.00053	0.000066
healthplanBlue Cross_3 Non-Asthm	-0.00035	0.000011	0.000048	-0.00025
healthplanBlue Shield_3 Non-Asth	0.000289	0.000332	0.000369	-0.00033
healthplanCigna Health Care_3 No	0.000759	-0.00046	0.000072	-0.00003
healthplanHealth Net_3 Non-Asthm	-0.00027	-0.0004	0.000756	-0.00026
healthplanKaiser_3 Non-Asthmatic	-0.00015	-0.00015	-0.00002	0.000146
healthplanMedicare/Medi-Cal_3 No	-0.00008	-7.2E-6	-0.00008	0.000081
healthplanOther_3 Non-Asthmatic	-0.00021	0.0005	0.000127	0.000113
healthplanUnited Healthcare_3 No	-0.00006	0.000435	-0.00046	0.000648

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The SURVEYLOGISTIC Procedure

Estimated Covariance Matrix					
Parameter	RBMIUnderweight 0-18.49_3 Non-As	SMOKINGCurrently Smokes_3 Non-As	SMOKINGQuit Smoking_3 Non-Asthma	DSTRS12Yes_3 Non-Asthmatic	POVLL0-99% FPL_3 Non-Asthmatic
AK4Inapplicable_3 Non-Asthmatic	0.000231	0.000076	-0.00002	-0.00024	0.000318
AK4Private Company, Non-Profit O	-0.00042	0.000077	-0.00005	-0.0001	0.000025
AK4Self-Employed_3 Non-Asthmatic	0.00065	0.000611	-0.00042	0.000205	0.000928
healthplanAetna_3 Non-Asthmatic	0.000413	-0.00029	0.000395	-0.00048	0.000904
healthplanBlue Cross_3 Non-Asthm	0.000194	0.000172	-0.00022	-0.00011	0.000882
healthplanBlue Shield_3 Non-Asth	-0.00027	0.00027	-0.00024	-0.00022	-0.00047
healthplanCigna Health Care_3 No	0.000444	-0.00009	0.00006	-0.00014	-0.0012
healthplanHealth Net_3 Non-Asthm	-0.00054	0.000809	-0.00104	0.000347	0.00067
healthplanKaiser_3 Non-Asthmatic	-0.00039	-0.0002	0.000222	0.000011	-0.00014
healthplanMedicare/Medi-Cal_3 No	-0.00017	-0.00023	0.000119	-0.00008	-0.00019
healthplanOther_3 Non-Asthmatic	-0.00043	0.000078	0.00009	0.000628	0.001204
healthplanUnited Healthcare_3 No	0.000188	-0.00046	0.000652	0.000458	-0.00152

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The SURVEYLOGISTIC Procedure

Estimated Covariance Matrix						
Parameter	POVLL100-199% FPL_3 Non-Asthmati	POVLL200-299% FPL_3 Non-Asthmati	FSLEVFood Insecurity w/ Hunger_3	FSLEVFood Insecurity w/o Hunger_	FSLEVFood Security_3 Non-Asthmat	AK4Family Business or Farm_3 Non
AK4Inapplicable_3 Non-Asthmatic	0.000744	-0.00074	-0.00039	-0.00036	.	-0.00537
AK4Private Company, Non-Profit O	-0.00003	0.00009	0.000027	-9.21E-6	.	-0.00625
AK4Self-Employed_3 Non-Asthmatic	0.000697	-0.00066	-0.00104	-0.00005	.	-0.00759
healthplanAetna_3 Non-Asthmatic	0.000244	-0.00076	0.000535	-0.00032	.	0.001507
healthplanBlue Cross_3 Non-Asthm	0.000942	-0.00084	-0.00047	-0.00066	.	0.000231
healthplanBlue Shield_3 Non-Asth	0.000456	0.000294	-0.00047	0.000054	.	-0.00026
healthplanCigna Health Care_3 No	-0.00209	0.00138	0.001125	0.002125	.	-0.00225
healthplanHealth Net_3 Non-Asthm	0.000722	-0.00114	-0.00055	0.000312	.	-0.00317
healthplanKaiser_3 Non-Asthmatic	0.000131	0.000069	0.000153	-0.00007	.	-0.00019
healthplanMedicare/Medi-Cal_3 No	0.000196	-0.0002	-0.00047	-0.00069	.	0.001784
healthplanOther_3 Non-Asthmatic	0.001123	-0.00082	-0.00197	-0.00025	.	0.000509
healthplanUnited Healthcare_3 No	-0.00205	0.002101	0.001733	0.000912	.	0.00092

PROC SURVEYLOGISTIC - CHIS.CHIS_DATA_BINOMIAL_A

The SURVEYLOGISTIC Procedure

Estimated Covariance Matrix					
Parameter	AK4Inapplicable_3 Non-Asthmatic	AK4Private Company, Non-Profit O	AK4Self-Employed_3 Non-Asthmatic	healthplanAetna_3 Non-Asthmatic	healthplanBlue Cross_3 Non-Asthm
AK4Inapplicable_3 Non-Asthmatic	0.002404	0.001545	0.000965	-0.00009	0.000224
AK4Private Company, Non-Profit O	0.001545	0.003012	0.000936	0.000123	-0.00008
AK4Self-Employed_3 Non-Asthmatic	0.000965	0.000936	0.005288	-0.00132	-0.00014
healthplanAetna_3 Non-Asthmatic	-0.00009	0.000123	-0.00132	0.0106	-0.00121
healthplanBlue Cross_3 Non-Asthm	0.000224	-0.00008	-0.00014	-0.00121	0.003729
healthplanBlue Shield_3 Non-Asth	0.000375	0.000439	-0.00047	0.000308	-0.00018
healthplanCigna Health Care_3 No	-0.0001	-0.00048	0.002361	-0.00307	-0.00229
healthplanHealth Net_3 Non-Asthm	0.000942	-0.00039	0.002452	-0.00233	-0.00135
healthplanKaiser_3 Non-Asthmatic	0.000268	0.000521	-0.00026	0.000297	0.000317
healthplanMedicare/Medi-Cal_3 No	-0.00096	-0.00042	-0.00016	-0.00065	0.00044
healthplanOther_3 Non-Asthmatic	-0.00035	-0.00028	0.00004	-0.00098	-0.00045
healthplanUnited Healthcare_3 No	-0.00054	0.000559	-0.00138	-0.00169	-0.00027

PROC SURVEYLOGISTIC - CHIS.CHIS_DATA_BINOMIAL_A

The SURVEYLOGISTIC Procedure

Estimated Covariance Matrix				
Parameter	healthplanBlue Shield_3 Non-Asth	healthplanCigna Health Care_3 No	healthplanHealth Net_3 Non-Asthm	healthplanKaiser_3 Non-Asthmatic
AK4Inapplicable_3 Non-Asthmatic	0.000375	-0.0001	0.000942	0.000268
AK4Private Company, Non-Profit O	0.000439	-0.00048	-0.00039	0.000521
AK4Self-Employed_3 Non-Asthmatic	-0.00047	0.002361	0.002452	-0.00026
healthplanAetna_3 Non-Asthmatic	0.000308	-0.00307	-0.00233	0.000297
healthplanBlue Cross_3 Non-Asthm	-0.00018	-0.00229	-0.00135	0.000317
healthplanBlue Shield_3 Non-Asth	0.007058	-0.00333	-0.00128	-0.00062
healthplanCigna Health Care_3 No	-0.00333	0.023461	0.000791	-0.0024
healthplanHealth Net_3 Non-Asthm	-0.00128	0.000791	0.01764	-0.00098
healthplanKaiser_3 Non-Asthmatic	-0.00062	-0.0024	-0.00098	0.002783
healthplanMedicare/Medi-Cal_3 No	-0.00082	-0.00378	-0.00194	0.000776
healthplanOther_3 Non-Asthmatic	0.000136	-0.00225	-0.00229	-0.00022
healthplanUnited Healthcare_3 No	-0.00071	-0.00377	-0.00499	-0.00035

PROC SURVEYLOGISTIC - CHIS.CHIS_DATA_BINOMIAL_A

The SURVEYLOGISTIC Procedure

Estimated Covariance Matrix			
Parameter	healthplanMedicare/Medi-Cal_3 No	healthplanOther_3 Non-Asthmatic	healthplanUnited Healthcare_3 No
AK4Inapplicable_3 Non-Asthmatic	-0.00096	-0.00035	-0.00054
AK4Private Company, Non-Profit O	-0.00042	-0.00028	0.000559
AK4Self-Employed_3 Non-Asthmatic	-0.00016	0.00004	-0.00138
healthplanAetna_3 Non-Asthmatic	-0.00065	-0.00098	-0.00169
healthplanBlue Cross_3 Non-Asthm	0.00044	-0.00045	-0.00027
healthplanBlue Shield_3 Non-Asth	-0.00082	0.000136	-0.00071
healthplanCigna Health Care_3 No	-0.00378	-0.00225	-0.00377
healthplanHealth Net_3 Non-Asthm	-0.00194	-0.00229	-0.00499
healthplanKaiser_3 Non-Asthmatic	0.000776	-0.00022	-0.00035
healthplanMedicare/Medi-Cal_3 No	0.004213	-0.00017	-0.00008
healthplanOther_3 Non-Asthmatic	-0.00017	0.008567	-0.00098
healthplanUnited Healthcare_3 No	-0.00008	-0.00098	0.01225

PROC SURVEYLOGISTIC - CHIS.CHIS_DATA_BINOMIAL_A

The SURVEYLOGISTIC Procedure

Estimated Correlation Matrix					
Parameter	Intercept_3 Non-Asthmatic	SRSEXFemale_3 Non-Asthmatic	agegroupLater Adult (65+)_3 Non-	agegroupMiddle Aged (40-64)_3 No	CITIZEN2Naturalized Citizen_3 No
Intercept_3 Non-Asthmatic	1.0000	-0.1297	0.3289	-0.2452	0.1565
SRSEXFemale_3 Non-Asthmatic	-0.1297	1.0000	-0.0352	0.0205	0.1293
agegroupLater Adult (65+)_3 Non-	0.3289	-0.0352	1.0000	-0.5505	-0.0178
agegroupMiddle Aged (40-64)_3 No	-0.2452	0.0205	-0.5505	1.0000	0.0506
CITIZEN2Naturalized Citizen_3 No	0.1565	0.1293	-0.0178	0.0506	1.0000
CITIZEN2Non-Citizen_3 Non-Asthma	0.0389	0.0068	0.0041	-0.1402	-0.7415
famtypeMarried w/o Children_3 No	-0.2266	0.1299	-0.2431	0.0240	0.1384
famtypeSingle w/ Children_3 Non-	0.2858	-0.0020	0.1623	0.0089	0.0719
famtypeSingle w/o Children_3 Non	-0.1890	-0.0230	-0.1581	0.0360	-0.0976
UR_CLRT2nd City_3 Non-Asthmatic	-0.0646	-0.1017	0.0710	-0.1288	-0.1065
UR_CLRTSuburban_3 Non-Asthmatic	0.2512	-0.1246	-0.1403	-0.0097	0.1349
UR_CLRTUrban_3 Non-Asthmatic	-0.0685	0.1191	0.0229	0.0681	0.0430
RBMIObese 30.0+_3 Non-Asthmatic	-0.2662	0.0935	0.0783	-0.1454	0.2425
RBMIOverweight 25.0-29.99_3 Non-	-0.2208	0.0294	-0.0176	-0.1697	0.0229
RBMIOUnderweight 0-18.49_3 Non-As	0.3067	-0.0421	-0.0515	0.1705	-0.1245
SMOKINGCurrently Smokes_3 Non-As	-0.0098	0.1483	0.0763	-0.0636	-0.0598
SMOKINGQuit Smoking_3 Non-Asthma	0.1326	0.0040	-0.1425	0.0430	0.1014
DSTRS12Yes_3 Non-Asthmatic	0.1774	0.0028	0.1451	0.0164	-0.0275
POVLL0-99% FPL_3 Non-Asthmatic	-0.4270	0.0777	0.1332	0.0815	-0.1742
POVLL100-199% FPL_3 Non-Asthmati	-0.4490	0.2051	0.0581	0.0302	-0.2297
POVLL200-299% FPL_3 Non-Asthmati	0.4942	-0.1625	-0.0125	-0.1306	0.2000
FSLEVFood Insecurity w/ Hunger_3	0.4645	-0.1542	0.0492	-0.0984	0.2823
FSLEVFood Insecurity w/o Hunger_	0.4016	-0.1168	-0.0823	-0.0802	0.0354
FSLEVFood Security_3 Non-Asthmat	.	.	.	.	.
AK4Family Business or Farm_3 Non	0.3020	0.0131	-0.0305	0.1657	0.2036

PROC SURVEYLOGISTIC - CHIS.CHIS_DATA_BINOMIAL_A

The SURVEYLOGISTIC Procedure

Estimated Correlation Matrix					
Parameter	CITIZEN2Non-Citizen_3 Non-Asthma	famtypeMarried w/o Children_3 No	famtypeSingle w/ Children_3 Non-	famtypeSingle w/o Children_3 Non	UR_CLRT2nd City_3 Non-Asthmatic
Intercept_3 Non-Asthmatic	0.0389	-0.2266	0.2858	-0.1890	-0.0646
SRSEXFemale_3 Non-Asthmatic	0.0068	0.1299	-0.0020	-0.0230	-0.1017
agegroupLater Adult (65+)_3 Non-	0.0041	-0.2431	0.1623	-0.1581	0.0710
agegroupMiddle Aged (40-64)_3 No	-0.1402	0.0240	0.0089	0.0360	-0.1288
CITIZEN2Naturalized Citizen_3 No	-0.7415	0.1384	0.0719	-0.0976	-0.1065
CITIZEN2Non-Citizen_3 Non-Asthma	1.0000	-0.0981	-0.0614	0.1300	0.0857
famtypeMarried w/o Children_3 No	-0.0981	1.0000	-0.4787	0.2188	0.0108
famtypeSingle w/ Children_3 Non-	-0.0614	-0.4787	1.0000	-0.5123	-0.1037
famtypeSingle w/o Children_3 Non	0.1300	0.2188	-0.5123	1.0000	0.0412
UR_CLRT2nd City_3 Non-Asthmatic	0.0857	0.0108	-0.1037	0.0412	1.0000
UR_CLRTSuburban_3 Non-Asthmatic	-0.0021	-0.0837	0.0544	0.0121	-0.3388
UR_CLRTUrban_3 Non-Asthmatic	-0.1527	0.0877	0.0945	0.0661	-0.1771
RBMIObese 30.0+_3 Non-Asthmatic	-0.2230	0.0516	-0.0122	-0.0242	-0.0725
RBMIOverweight 25.0-29.99_3 Non-	-0.0071	-0.0326	-0.1730	0.0499	0.0458
RBMIOUnderweight 0-18.49_3 Non-As	0.1461	0.0263	0.1221	0.0544	-0.0167
SMOKINGCurrently Smokes_3 Non-As	0.0305	0.0119	0.0731	0.0681	-0.1908
SMOKINGQuit Smoking_3 Non-Asthma	0.0148	-0.1170	0.0964	-0.1430	0.0652
DSTRS12Yes_3 Non-Asthmatic	-0.0534	0.0015	-0.0283	-0.0173	-0.0184
POVLL0-99% FPL_3 Non-Asthmatic	0.1275	0.0541	-0.0009	0.0197	0.1039
POVLL100-199% FPL_3 Non-Asthmati	0.2290	0.0368	-0.0057	-0.0775	0.1530
POVLL200-299% FPL_3 Non-Asthmati	-0.2145	-0.0541	-0.0131	0.0111	-0.1480
FSLEVFood Insecurity w/ Hunger_3	-0.2093	0.0796	-0.0347	-0.0483	0.0054
FSLEVFood Insecurity w/o Hunger_	-0.1456	-0.0507	0.0470	0.0852	-0.1026
FSLEVFood Security_3 Non-Asthmat	.	.	.	.	.
AK4Family Business or Farm_3 Non	-0.2250	-0.1916	0.0999	-0.0712	-0.1871

PROC SURVEYLOGISTIC - CHIS.CHIS_DATA_BINOMIAL_A

The SURVEYLOGISTIC Procedure

Estimated Correlation Matrix				
Parameter	UR_CLRTSuburban_3 Non-Asthmatic	UR_CLRTUrban_3 Non-Asthmatic	RBMIObese 30.0+_3 Non-Asthmatic	RBMIOverweight 25.0-29.99_3 Non-
Intercept_3 Non-Asthmatic	0.2512	-0.0685	-0.2662	-0.2208
SRSEXFemale_3 Non-Asthmatic	-0.1246	0.1191	0.0935	0.0294
agegroupLater Adult (65+)_3 Non-	-0.1403	0.0229	0.0783	-0.0176
agegroupMiddle Aged (40-64)_3 No	-0.0097	0.0681	-0.1454	-0.1697
CITIZEN2Naturalized Citizen_3 No	0.1349	0.0430	0.2425	0.0229
CITIZEN2Non-Citizen_3 Non-Asthma	-0.0021	-0.1527	-0.2230	-0.0071
famtypeMarried w/o Children_3 No	-0.0837	0.0877	0.0516	-0.0326
famtypeSingle w/ Children_3 Non-	0.0544	0.0945	-0.0122	-0.1730
famtypeSingle w/o Children_3 Non	0.0121	0.0661	-0.0242	0.0499
UR_CLRT2nd City_3 Non-Asthmatic	-0.3388	-0.1771	-0.0725	0.0458
UR_CLRTSuburban_3 Non-Asthmatic	1.0000	-0.2190	-0.0002	0.0061
UR_CLRTUrban_3 Non-Asthmatic	-0.2190	1.0000	-0.1181	-0.1780
RBMIObese 30.0+_3 Non-Asthmatic	-0.0002	-0.1181	1.0000	0.3565
RBMIOverweight 25.0-29.99_3 Non-	0.0061	-0.1780	0.3565	1.0000
RBMIOUnderweight 0-18.49_3 Non-As	-0.0431	0.1841	-0.7485	-0.7854
SMOKINGCurrently Smokes_3 Non-As	-0.0235	0.0689	0.0546	0.0321
SMOKINGQuit Smoking_3 Non-Asthma	0.0993	0.0174	-0.1195	0.0034
DSTRS12Yes_3 Non-Asthmatic	-0.1141	0.0704	-0.0121	0.0671
POVLL0-99% FPL_3 Non-Asthmatic	-0.1820	-0.0526	0.0534	-0.0116
POVLL100-199% FPL_3 Non-Asthmati	-0.2196	-0.0636	-0.0007	-0.0614
POVLL200-299% FPL_3 Non-Asthmati	0.2341	0.0817	-0.0529	-0.0012
FSLEVFood Insecurity w/ Hunger_3	0.1858	0.0004	-0.0519	-0.0043
FSLEVFood Insecurity w/o Hunger_	0.1481	0.0807	-0.0022	0.0692
FSLEVFood Security_3 Non-Asthmat	.	.	.	.
AK4Family Business or Farm_3 Non	0.1669	-0.0996	0.0352	0.0063

PROC SURVEYLOGISTIC - CHIS.CHIS_DATA_BINOMIAL_A

The SURVEYLOGISTIC Procedure

Estimated Correlation Matrix					
Parameter	RBMIOUnderweight 0-18.49_3 Non-As	SMOKINGCurrently Smokes_3 Non-As	SMOKINGQuit Smoking_3 Non-Asthma	DSTRS12Yes_3 Non-Asthmatic	POVLL0-99% FPL_3 Non-Asthmatic
Intercept_3 Non-Asthmatic	0.3067	-0.0098	0.1326	0.1774	-0.4270
SRSEXFemale_3 Non-Asthmatic	-0.0421	0.1483	0.0040	0.0028	0.0777
agegroupLater Adult (65+)_3 Non-	-0.0515	0.0763	-0.1425	0.1451	0.1332
agegroupMiddle Aged (40-64)_3 No	0.1705	-0.0636	0.0430	0.0164	0.0815
CITIZEN2Naturalized Citizen_3 No	-0.1245	-0.0598	0.1014	-0.0275	-0.1742
CITIZEN2Non-Citizen_3 Non-Asthma	0.1461	0.0305	0.0148	-0.0534	0.1275
famtypeMarried w/o Children_3 No	0.0263	0.0119	-0.1170	0.0015	0.0541
famtypeSingle w/ Children_3 Non-	0.1221	0.0731	0.0964	-0.0283	-0.0009
famtypeSingle w/o Children_3 Non	0.0544	0.0681	-0.1430	-0.0173	0.0197
UR_CLRT2nd City_3 Non-Asthmatic	-0.0167	-0.1908	0.0652	-0.0184	0.1039
UR_CLRTSuburban_3 Non-Asthmatic	-0.0431	-0.0235	0.0993	-0.1141	-0.1820
UR_CLRTUrban_3 Non-Asthmatic	0.1841	0.0689	0.0174	0.0704	-0.0526
RBMIObese 30.0+_3 Non-Asthmatic	-0.7485	0.0546	-0.1195	-0.0121	0.0534
RBMIOverweight 25.0-29.99_3 Non-	-0.7854	0.0321	0.0034	0.0671	-0.0116
RBMIOUnderweight 0-18.49_3 Non-As	1.0000	-0.0177	0.0247	0.0183	0.0204
SMOKINGCurrently Smokes_3 Non-As	-0.0177	1.0000	-0.6952	0.0672	0.1553
SMOKINGQuit Smoking_3 Non-Asthma	0.0247	-0.6952	1.0000	-0.2725	-0.1775
DSTRS12Yes_3 Non-Asthmatic	0.0183	0.0672	-0.2725	1.0000	0.1401
POVLL0-99% FPL_3 Non-Asthmatic	0.0204	0.1553	-0.1775	0.1401	1.0000
POVLL100-199% FPL_3 Non-Asthmati	0.0348	0.1411	-0.2255	0.1618	0.6813
POVLL200-299% FPL_3 Non-Asthmati	0.0050	-0.1516	0.2138	-0.1236	-0.8810
FSLEVFFood Insecurity w/ Hunger_3	-0.0153	-0.1761	0.2648	-0.3236	-0.7240
FSLEVFFood Insecurity w/o Hunger_	-0.0397	-0.1524	0.0969	0.1256	-0.6408
FSLEVFFood Security_3 Non-Asthmat
AK4Family Business or Farm_3 Non	-0.0656	-0.1400	0.1341	-0.0363	-0.1113

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The SURVEYLOGISTIC Procedure

Estimated Correlation Matrix						
Parameter	POVLL100-199% FPL_3 Non-Asthmati	POVLL200-299% FPL_3 Non-Asthmati	FSLEVFood Insecurity w/ Hunger_3	FSLEVFood Insecurity w/o Hunger_	FSLEVFood Security_3 Non-Asthmat	AK4Family Business or Farm_3 Non
Intercept_3 Non-Asthmatic	-0.4490	0.4942	0.4645	0.4016	.	0.3020
SRSEXFemale_3 Non-Asthmatic	0.2051	-0.1625	-0.1542	-0.1168	.	0.0131
agegroupLater Adult (65+)_3 Non-	0.0581	-0.0125	0.0492	-0.0823	.	-0.0305
agegroupMiddle Aged (40-64)_3 No	0.0302	-0.1306	-0.0984	-0.0802	.	0.1657
CITIZEN2Naturalized Citizen_3 No	-0.2297	0.2000	0.2823	0.0354	.	0.2036
CITIZEN2Non-Citizen_3 Non-Asthma	0.2290	-0.2145	-0.2093	-0.1456	.	-0.2250
famtypeMarried w/o Children_3 No	0.0368	-0.0541	0.0796	-0.0507	.	-0.1916
famtypeSingle w/ Children_3 Non-	-0.0057	-0.0131	-0.0347	0.0470	.	0.0999
famtypeSingle w/o Children_3 Non	-0.0775	0.0111	-0.0483	0.0852	.	-0.0712
UR_CLRT2nd City_3 Non-Asthmatic	0.1530	-0.1480	0.0054	-0.1026	.	-0.1871
UR_CLRTSuburban_3 Non-Asthmatic	-0.2196	0.2341	0.1858	0.1481	.	0.1669
UR_CLRTUrban_3 Non-Asthmatic	-0.0636	0.0817	0.0004	0.0807	.	-0.0996
RBMIObese 30.0+_3 Non-Asthmatic	-0.0007	-0.0529	-0.0519	-0.0022	.	0.0352
RBMIOverweight 25.0-29.99_3 Non-	-0.0614	-0.0012	-0.0043	0.0692	.	0.0063
RBMIOUnderweight 0-18.49_3 Non-As	0.0348	0.0050	-0.0153	-0.0397	.	-0.0656
SMOKINGCurrently Smokes_3 Non-As	0.1411	-0.1516	-0.1761	-0.1524	.	-0.1400
SMOKINGQuit Smoking_3 Non-Asthma	-0.2255	0.2138	0.2648	0.0969	.	0.1341
DSTRS12Yes_3 Non-Asthmatic	0.1618	-0.1236	-0.3236	0.1256	.	-0.0363
POVLL0-99% FPL_3 Non-Asthmatic	0.6813	-0.8810	-0.7240	-0.6408	.	-0.1113
POVLL100-199% FPL_3 Non-Asthmati	1.0000	-0.8479	-0.7681	-0.5642	.	-0.1939
POVLL200-299% FPL_3 Non-Asthmati	-0.8479	1.0000	0.7464	0.6258	.	0.1443
FSLEVFood Insecurity w/ Hunger_3	-0.7681	0.7464	1.0000	0.2438	.	0.1511
FSLEVFood Insecurity w/o Hunger_	-0.5642	0.6258	0.2438	1.0000	.	0.0527
FSLEVFood Security_3 Non-Asthmat
AK4Family Business or Farm_3 Non	-0.1939	0.1443	0.1511	0.0527	.	1.0000

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The SURVEYLOGISTIC Procedure

Estimated Correlation Matrix					
Parameter	AK4Inapplicable_3 Non-Asthmatic	AK4Private Company, Non-Profit O	AK4Self-Employed_3 Non-Asthmatic	healthplanAetna_3 Non-Asthmatic	healthplanBlue Cross_3 Non-Asthm
Intercept_3 Non-Asthmatic	-0.3331	-0.3502	-0.1001	0.0461	-0.1907
SRSEXFemale_3 Non-Asthmatic	-0.0136	-0.0716	0.1065	-0.0902	0.1108
agegroupLater Adult (65+)_3 Non-	-0.1049	0.0862	0.0148	-0.0738	0.0138
agegroupMiddle Aged (40-64)_3 No	-0.0260	-0.0931	-0.2418	0.1584	0.0494
CITIZEN2Naturalized Citizen_3 No	-0.1397	-0.0656	-0.1345	0.0152	-0.0164
CITIZEN2Non-Citizen_3 Non-Asthma	0.1997	0.0549	0.1567	-0.0464	-0.0330
famtypeMarried w/o Children_3 No	0.0921	0.2205	0.1415	0.0735	0.1241
famtypeSingle w/ Children_3 Non-	0.0006	-0.1093	-0.0372	0.0510	0.0316
famtypeSingle w/o Children_3 Non	0.0493	0.0612	0.0242	-0.1822	0.0754
UR_CLRT2nd City_3 Non-Asthmatic	0.1801	-0.0118	0.1528	0.2513	-0.0066
UR_CLRTSuburban_3 Non-Asthmatic	-0.1651	-0.0976	-0.1200	0.0839	-0.1491
UR_CLRTUrban_3 Non-Asthmatic	0.0180	0.1119	0.1507	-0.0607	0.0060
RBMIObese 30.0+_3 Non-Asthmatic	-0.0465	0.0908	-0.0253	-0.1144	0.0173
RBMIOverweight 25.0-29.99_3 Non-	0.0080	0.0979	-0.0367	0.0137	-0.0872
RBMIOUnderweight 0-18.49_3 Non-As	0.0445	-0.0723	0.0843	0.0378	0.0300
SMOKINGCurrently Smokes_3 Non-As	0.0381	0.0345	0.2059	-0.0686	0.0690
SMOKINGQuit Smoking_3 Non-Asthma	-0.0135	-0.0281	-0.1687	0.1131	-0.1069
DSTRS12Yes_3 Non-Asthmatic	-0.1489	-0.0574	0.0846	-0.1403	-0.0547
POVLL0-99% FPL_3 Non-Asthmatic	0.0707	0.0049	0.1389	0.0956	0.1572
POVLL100-199% FPL_3 Non-Asthmati	0.1686	-0.0063	0.1065	0.0264	0.1714
POVLL200-299% FPL_3 Non-Asthmati	-0.1688	0.0182	-0.1010	-0.0816	-0.1527
FSLEVFFood Insecurity w/ Hunger_3	-0.0773	0.0048	-0.1377	0.0502	-0.0745
FSLEVFFood Insecurity w/o Hunger_	-0.1142	-0.0026	-0.0101	-0.0483	-0.1662
FSLEVFFood Security_3 Non-Asthmat	.	.	.	.	.
AK4Family Business or Farm_3 Non	-0.6971	-0.7248	-0.6637	0.0931	0.0240

PROC SURVEYLOGISTIC - CHIS.CHIS_DATA_BINOMIAL_A

The SURVEYLOGISTIC Procedure

Estimated Correlation Matrix				
Parameter	healthplanBlue Shield_3 Non-Asth	healthplanCigna Health Care_3 No	healthplanHealth Net_3 Non-Asthm	healthplanKaiser_3 Non-Asthmatic
Intercept_3 Non-Asthmatic	-0.0461	0.2802	0.1122	-0.1319
SRSEXFemale_3 Non-Asthmatic	0.0902	0.0414	-0.1194	-0.0045
agegroupLater Adult (65+)_3 Non-	0.1538	0.0758	0.1367	-0.0528
agegroupMiddle Aged (40-64)_3 No	-0.1698	-0.0520	-0.2932	-0.0104
CITIZEN2Naturalized Citizen_3 No	-0.0451	-0.0015	0.0380	-0.0758
CITIZEN2Non-Citizen_3 Non-Asthma	0.0650	0.0368	-0.0402	0.1286
famtypeMarried w/o Children_3 No	-0.0519	-0.0024	-0.1231	0.0071
famtypeSingle w/ Children_3 Non-	0.0824	-0.0952	0.0453	-0.1068
famtypeSingle w/o Children_3 Non	0.1003	0.1145	0.0818	-0.0830
UR_CLRT2nd City_3 Non-Asthmatic	-0.0219	-0.0236	0.1094	0.0921
UR_CLRTSuburban_3 Non-Asthmatic	0.0905	0.1306	-0.0536	-0.0725
UR_CLRTUrban_3 Non-Asthmatic	0.1291	-0.0983	-0.0972	-0.0919
RBMIObese 30.0+_3 Non-Asthmatic	0.0979	0.0105	0.1267	-0.0071
RBMIOverweight 25.0-29.99_3 Non-	-0.0835	-0.0044	-0.0424	0.0595
RBMIOUnderweight 0-18.49_3 Non-As	-0.0302	0.0274	-0.0381	-0.0694
SMOKINGCurrently Smokes_3 Non-As	0.0788	-0.0150	0.1493	-0.0938
SMOKINGQuit Smoking_3 Non-Asthma	-0.0851	0.0116	-0.2314	0.1239
DSTRS12Yes_3 Non-Asthmatic	-0.0805	-0.0280	0.0787	0.0065
POVLL0-99% FPL_3 Non-Asthmatic	-0.0610	-0.0852	0.0549	-0.0297
POVLL100-199% FPL_3 Non-Asthmati	0.0603	-0.1517	0.0604	0.0277
POVLL200-299% FPL_3 Non-Asthmati	0.0389	0.1002	-0.0955	0.0146
FSLEVFFood Insecurity w/ Hunger_3	-0.0546	0.0709	-0.0401	0.0280
FSLEVFFood Insecurity w/o Hunger_	0.0099	0.2140	0.0362	-0.0196
FSLEVFFood Security_3 Non-Asthmat	.	.	.	.
AK4Family Business or Farm_3 Non	-0.0193	-0.0936	-0.1517	-0.0227

PROC SURVEYLOGISTIC - CHIS.CHIS_DATA_BINOMIAL_A

The SURVEYLOGISTIC Procedure

Estimated Correlation Matrix			
Parameter	healthplanMedicare/Medi-Cal_3 No	healthplanOther_3 Non-Asthmatic	healthplanUnited Healthcare_3 No
Intercept_3 Non-Asthmatic	-0.4341	-0.0303	0.1650
SRSEXFemale_3 Non-Asthmatic	0.0692	0.1846	-0.1883
agegroupLater Adult (65+)_3 Non-	-0.5267	0.0909	0.0519
agegroupMiddle Aged (40-64)_3 No	0.3994	0.0198	0.0072
CITIZEN2Naturalized Citizen_3 No	0.0339	0.0266	-0.0510
CITIZEN2Non-Citizen_3 Non-Asthma	-0.0109	-0.0320	0.0275
famtypeMarried w/o Children_3 No	0.0916	-0.0090	-0.0586
famtypeSingle w/ Children_3 Non-	-0.2203	0.0754	0.1311
famtypeSingle w/o Children_3 Non	0.0669	-0.0482	-0.1420
UR_CLRT2nd City_3 Non-Asthmatic	-0.0973	-0.0363	-0.2310
UR_CLRTSuburban_3 Non-Asthmatic	-0.0309	-0.0592	-0.0147
UR_CLRTUrban_3 Non-Asthmatic	-0.0036	0.1765	0.1285
RBMIObese 30.0+_3 Non-Asthmatic	-0.0280	0.0305	-0.0928
RBMIOverweight 25.0-29.99_3 Non-	0.0268	0.0263	0.1257
RBMIOUnderweight 0-18.49_3 Non-As	-0.0244	-0.0438	0.0160
SMOKINGCurrently Smokes_3 Non-As	-0.0856	0.0206	-0.1025
SMOKINGQuit Smoking_3 Non-Asthma	0.0538	0.0288	0.1736
DSTRS12Yes_3 Non-Asthmatic	-0.0384	0.2041	0.1245
POVLL0-99% FPL_3 Non-Asthmatic	-0.0314	0.1416	-0.1493
POVLL100-199% FPL_3 Non-Asthmati	0.0335	0.1348	-0.2055
POVLL200-299% FPL_3 Non-Asthmati	-0.0343	-0.0984	0.2112
FSLEVFood Insecurity w/ Hunger_3	-0.0701	-0.2056	0.1513
FSLEVFood Insecurity w/o Hunger_	-0.1631	-0.0413	0.1271
FSLEVFood Security_3 Non-Asthmat	.	.	.
AK4Family Business or Farm_3 Non	0.1749	0.0350	0.0529

PROC SURVEYLOGISTIC - CHIS.CHIS_DATA_BINOMIAL_A

The SURVEYLOGISTIC Procedure

Estimated Correlation Matrix					
Parameter	Intercept_3 Non-Asthmatic	SRSEXFemale_3 Non-Asthmatic	agegroupLater Adult (65+)_3 Non-	agegroupMiddle Aged (40-64)_3 No	CITIZEN2Naturalized Citizen_3 No
AK4Inapplicable_3 Non-Asthmatic	-0.3331	-0.0136	-0.1049	-0.0260	-0.1397
AK4Private Company, Non-Profit O	-0.3502	-0.0716	0.0862	-0.0931	-0.0656
AK4Self-Employed_3 Non-Asthmatic	-0.1001	0.1065	0.0148	-0.2418	-0.1345
healthplanAetna_3 Non-Asthmatic	0.0461	-0.0902	-0.0738	0.1584	0.0152
healthplanBlue Cross_3 Non-Asthm	-0.1907	0.1108	0.0138	0.0494	-0.0164
healthplanBlue Shield_3 Non-Asth	-0.0461	0.0902	0.1538	-0.1698	-0.0451
healthplanCigna Health Care_3 No	0.2802	0.0414	0.0758	-0.0520	-0.0015
healthplanHealth Net_3 Non-Asthm	0.1122	-0.1194	0.1367	-0.2932	0.0380
healthplanKaiser_3 Non-Asthmatic	-0.1319	-0.0045	-0.0528	-0.0104	-0.0758
healthplanMedicare/Medi-Cal_3 No	-0.4341	0.0692	-0.5267	0.3994	0.0339
healthplanOther_3 Non-Asthmatic	-0.0303	0.1846	0.0909	0.0198	0.0266
healthplanUnited Healthcare_3 No	0.1650	-0.1883	0.0519	0.0072	-0.0510

PROC SURVEYLOGISTIC - CHIS.CHIS_DATA_BINOMIAL_A

The SURVEYLOGISTIC Procedure

Estimated Correlation Matrix					
Parameter	CITIZEN2Non-Citizen_3 Non-Asthma	famtypeMarried w/o Children_3 No	famtypeSingle w/ Children_3 Non-	famtypeSingle w/o Children_3 Non	UR_CLRT2nd City_3 Non-Asthmatic
AK4Inapplicable_3 Non-Asthmatic	0.1997	0.0921	0.0006	0.0493	0.1801
AK4Private Company, Non-Profit O	0.0549	0.2205	-0.1093	0.0612	-0.0118
AK4Self-Employed_3 Non-Asthmatic	0.1567	0.1415	-0.0372	0.0242	0.1528
healthplanAetna_3 Non-Asthmatic	-0.0464	0.0735	0.0510	-0.1822	0.2513
healthplanBlue Cross_3 Non-Asthm	-0.0330	0.1241	0.0316	0.0754	-0.0066
healthplanBlue Shield_3 Non-Asth	0.0650	-0.0519	0.0824	0.1003	-0.0219
healthplanCigna Health Care_3 No	0.0368	-0.0024	-0.0952	0.1145	-0.0236
healthplanHealth Net_3 Non-Asthm	-0.0402	-0.1231	0.0453	0.0818	0.1094
healthplanKaiser_3 Non-Asthmatic	0.1286	0.0071	-0.1068	-0.0830	0.0921
healthplanMedicare/Medi-Cal_3 No	-0.0109	0.0916	-0.2203	0.0669	-0.0973
healthplanOther_3 Non-Asthmatic	-0.0320	-0.0090	0.0754	-0.0482	-0.0363
healthplanUnited Healthcare_3 No	0.0275	-0.0586	0.1311	-0.1420	-0.2310

PROC SURVEYLOGISTIC - CHIS.CHIS_DATA_BINOMIAL_A

The SURVEYLOGISTIC Procedure

Estimated Correlation Matrix				
Parameter	UR_CLRTSuburban_3 Non-Asthmatic	UR_CLRTUrban_3 Non-Asthmatic	RBMIObese 30.0+_3 Non-Asthmatic	RBMIOverweight 25.0-29.99_3 Non-
AK4Inapplicable_3 Non-Asthmatic	-0.1651	0.0180	-0.0465	0.0080
AK4Private Company, Non-Profit O	-0.0976	0.1119	0.0908	0.0979
AK4Self-Employed_3 Non-Asthmatic	-0.1200	0.1507	-0.0253	-0.0367
healthplanAetna_3 Non-Asthmatic	0.0839	-0.0607	-0.1144	0.0137
healthplanBlue Cross_3 Non-Asthm	-0.1491	0.0060	0.0173	-0.0872
healthplanBlue Shield_3 Non-Asth	0.0905	0.1291	0.0979	-0.0835
healthplanCigna Health Care_3 No	0.1306	-0.0983	0.0105	-0.0044
healthplanHealth Net_3 Non-Asthm	-0.0536	-0.0972	0.1267	-0.0424
healthplanKaiser_3 Non-Asthmatic	-0.0725	-0.0919	-0.0071	0.0595
healthplanMedicare/Medi-Cal_3 No	-0.0309	-0.0036	-0.0280	0.0268
healthplanOther_3 Non-Asthmatic	-0.0592	0.1765	0.0305	0.0263
healthplanUnited Healthcare_3 No	-0.0147	0.1285	-0.0928	0.1257

PROC SURVEYLOGISTIC - CHIS.CHIS_DATA_BINOMIAL_A

The SURVEYLOGISTIC Procedure

Estimated Correlation Matrix					
Parameter	RBMIUnderweight 0-18.49_3 Non-As	SMOKINGCurrently Smokes_3 Non-As	SMOKINGQuit Smoking_3 Non-Asthma	DSTRS12Yes_3 Non-Asthmatic	POVLL0-99% FPL_3 Non-Asthmatic
AK4Inapplicable_3 Non-Asthmatic	0.0445	0.0381	-0.0135	-0.1489	0.0707
AK4Private Company, Non-Profit O	-0.0723	0.0345	-0.0281	-0.0574	0.0049
AK4Self-Employed_3 Non-Asthmatic	0.0843	0.2059	-0.1687	0.0846	0.1389
healthplanAetna_3 Non-Asthmatic	0.0378	-0.0686	0.1131	-0.1403	0.0956
healthplanBlue Cross_3 Non-Asthm	0.0300	0.0690	-0.1069	-0.0547	0.1572
healthplanBlue Shield_3 Non-Asth	-0.0302	0.0788	-0.0851	-0.0805	-0.0610
healthplanCigna Health Care_3 No	0.0274	-0.0150	0.0116	-0.0280	-0.0852
healthplanHealth Net_3 Non-Asthm	-0.0381	0.1493	-0.2314	0.0787	0.0549
healthplanKaiser_3 Non-Asthmatic	-0.0694	-0.0938	0.1239	0.0065	-0.0297
healthplanMedicare/Medi-Cal_3 No	-0.0244	-0.0856	0.0538	-0.0384	-0.0314
healthplanOther_3 Non-Asthmatic	-0.0438	0.0206	0.0288	0.2041	0.1416
healthplanUnited Healthcare_3 No	0.0160	-0.1025	0.1736	0.1245	-0.1493

PROC SURVEYLOGISTIC - CHIS.CHIS_DATA_BINOMIAL_A

The SURVEYLOGISTIC Procedure

Estimated Correlation Matrix						
Parameter	POVLL100-199% FPL_3 Non-Asthmati	POVLL200-299% FPL_3 Non-Asthmati	FSLEVFood Insecurity w/ Hunger_3	FSLEVFood Insecurity w/o Hunger_	FSLEVFood Security_3 Non-Asthmat	AK4Family Business or Farm_3 Non
AK4Inapplicable_3 Non-Asthmatic	0.1686	-0.1688	-0.0773	-0.1142	.	-0.6971
AK4Private Company, Non-Profit O	-0.0063	0.0182	0.0048	-0.0026	.	-0.7248
AK4Self-Employed_3 Non-Asthmatic	0.1065	-0.1010	-0.1377	-0.0101	.	-0.6637
healthplanAetna_3 Non-Asthmatic	0.0264	-0.0816	0.0502	-0.0483	.	0.0931
healthplanBlue Cross_3 Non-Asthm	0.1714	-0.1527	-0.0745	-0.1662	.	0.0240
healthplanBlue Shield_3 Non-Asth	0.0603	0.0389	-0.0546	0.0099	.	-0.0193
healthplanCigna Health Care_3 No	-0.1517	0.1002	0.0709	0.2140	.	-0.0936
healthplanHealth Net_3 Non-Asthm	0.0604	-0.0955	-0.0401	0.0362	.	-0.1517
healthplanKaiser_3 Non-Asthmatic	0.0277	0.0146	0.0280	-0.0196	.	-0.0227
healthplanMedicare/Medi-Cal_3 No	0.0335	-0.0343	-0.0701	-0.1631	.	0.1749
healthplanOther_3 Non-Asthmatic	0.1348	-0.0984	-0.2056	-0.0413	.	0.0350
healthplanUnited Healthcare_3 No	-0.2055	0.2112	0.1513	0.1271	.	0.0529

PROC SURVEYLOGISTIC - CHIS.CHIS_DATA_BINOMIAL_A

The SURVEYLOGISTIC Procedure

Estimated Correlation Matrix					
Parameter	AK4Inapplicable_3 Non-Asthmatic	AK4Private Company, Non-Profit O	AK4Self-Employed_3 Non-Asthmatic	healthplanAetna_3 Non-Asthmatic	healthplanBlue Cross_3 Non-Asthm
AK4Inapplicable_3 Non-Asthmatic	1.0000	0.5744	0.2706	-0.0188	0.0749
AK4Private Company, Non-Profit O	0.5744	1.0000	0.2344	0.0217	-0.0234
AK4Self-Employed_3 Non-Asthmatic	0.2706	0.2344	1.0000	-0.1764	-0.0305
healthplanAetna_3 Non-Asthmatic	-0.0188	0.0217	-0.1764	1.0000	-0.1929
healthplanBlue Cross_3 Non-Asthm	0.0749	-0.0234	-0.0305	-0.1929	1.0000
healthplanBlue Shield_3 Non-Asth	0.0909	0.0952	-0.0766	0.0356	-0.0344
healthplanCigna Health Care_3 No	-0.0134	-0.0566	0.2120	-0.1948	-0.2452
healthplanHealth Net_3 Non-Asthm	0.1446	-0.0534	0.2539	-0.1705	-0.1667
healthplanKaiser_3 Non-Asthmatic	0.1035	0.1801	-0.0669	0.0546	0.0984
healthplanMedicare/Medi-Cal_3 No	-0.3006	-0.1192	-0.0346	-0.0971	0.1110
healthplanOther_3 Non-Asthmatic	-0.0761	-0.0559	0.0059	-0.1027	-0.0794
healthplanUnited Healthcare_3 No	-0.0989	0.0920	-0.1714	-0.1484	-0.0396

PROC SURVEYLOGISTIC - CHIS.CHIS_DATA_BINOMIAL_A

The SURVEYLOGISTIC Procedure

Estimated Correlation Matrix				
Parameter	healthplanBlue Shield_3 Non-Asth	healthplanCigna Health Care_3 No	healthplanHealth Net_3 Non-Asthm	healthplanKaiser_3 Non-Asthmatic
AK4Inapplicable_3 Non-Asthmatic	0.0909	-0.0134	0.1446	0.1035
AK4Private Company, Non-Profit O	0.0952	-0.0566	-0.0534	0.1801
AK4Self-Employed_3 Non-Asthmatic	-0.0766	0.2120	0.2539	-0.0669
healthplanAetna_3 Non-Asthmatic	0.0356	-0.1948	-0.1705	0.0546
healthplanBlue Cross_3 Non-Asthm	-0.0344	-0.2452	-0.1667	0.0984
healthplanBlue Shield_3 Non-Asth	1.0000	-0.2585	-0.1146	-0.1389
healthplanCigna Health Care_3 No	-0.2585	1.0000	0.0389	-0.2972
healthplanHealth Net_3 Non-Asthm	-0.1146	0.0389	1.0000	-0.1400
healthplanKaiser_3 Non-Asthmatic	-0.1389	-0.2972	-0.1400	1.0000
healthplanMedicare/Medi-Cal_3 No	-0.1506	-0.3800	-0.2248	0.2266
healthplanOther_3 Non-Asthmatic	0.0175	-0.1589	-0.1867	-0.0461
healthplanUnited Healthcare_3 No	-0.0760	-0.2224	-0.3393	-0.0602

PROC SURVEYLOGISTIC - CHIS.CHIS_DATA_BINOMIAL_A

The SURVEYLOGISTIC Procedure

Estimated Correlation Matrix			
Parameter	healthplanMedicare/Medi-Cal_3 No	healthplanOther_3 Non-Asthmatic	healthplanUnited Healthcare_3 No
AK4Inapplicable_3 Non-Asthmatic	-0.3006	-0.0761	-0.0989
AK4Private Company, Non-Profit O	-0.1192	-0.0559	0.0920
AK4Self-Employed_3 Non-Asthmatic	-0.0346	0.0059	-0.1714
healthplanAetna_3 Non-Asthmatic	-0.0971	-0.1027	-0.1484
healthplanBlue Cross_3 Non-Asthm	0.1110	-0.0794	-0.0396
healthplanBlue Shield_3 Non-Asth	-0.1506	0.0175	-0.0760
healthplanCigna Health Care_3 No	-0.3800	-0.1589	-0.2224
healthplanHealth Net_3 Non-Asthm	-0.2248	-0.1867	-0.3393
healthplanKaiser_3 Non-Asthmatic	0.2266	-0.0461	-0.0602
healthplanMedicare/Medi-Cal_3 No	1.0000	-0.0280	-0.0106
healthplanOther_3 Non-Asthmatic	-0.0280	1.0000	-0.0952
healthplanUnited Healthcare_3 No	-0.0106	-0.0952	1.0000

Classification Table									
	Correct		Incorrect		Percentages				
Prob Level	Event	Non-Event	Event	Non-Event	Correct	Sensi-tivity	Speci-ficity	Pos Pred	Neg Pred
0.148	103E3	1182	12408	2746	87.3	97.4	8.7	89.3	30.1