

CHIS_80_Hospitalizations
CHIS CHIS_DATA_BINOMIAL_ED
PROC SURVEYLOGISTIC - April 28, 2019

The SURVEYLOGISTIC Procedure

Model Information		
Data Set	CHIS.CHIS_DATA_BINOMIAL_ED	
Response Variable	asthmaesc	ED/UC Asthma Visit
Number of Response Levels	3	
Weight Variable	fnwgt0	
Model	Generalized Logit	
Optimization Technique	Newton-Raphson	

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

Response Profile			
Ordered Value	asthmaesc	Total Frequency	Total Weight
1	3	113016	25967638
2	1 Asthmatic Escalation	1095	237259
3	2 No Asthma Escalation	10410	2041736

Logits modeled use asthmaesc='1 Asthmatic Escalation' as the reference category.

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

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

Variance Estimation	
Method	Jackknife
Replicate Weights	CHIS_DATA_BINOMIAL_ED
Number of Replicates	160

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

Model Fit Statistics		
Criterion	Intercept Only	Intercept and Covariates
AIC	17364952	16697410
SC	17364982	16697804
-2 Log L	17364948	16697358

R-Square	0.0234	Max-rescaled R-Square	0.0509
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Testing Global Null Hypothesis: BETA=0				
Test	F Value	Num DF	Den DF	Pr > F
Likelihood Ratio	97.86	19.4840	3117.44	<.0001
Score	32.93	24	160	<.0001
Wald	31.04	24	160	<.0001
NOTE: Second-order Rao-Scott design correction 0.2318 applied to the Likelihood Ratio test.				

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Type 3 Analysis of Effects				
Effect	F Value	Num DF	Den DF	Pr >
SRSEX	65.16	2	160	<.0001
Wateradult	2.54	2	160	0.0829
CITIZEN2	33.86	4	160	<.0001
race	10.29	10	160	<.0001
childhh	6.49	2	160	0.0012
ofpl	21.44	2	160	<.0001
NS	15.31	2	160	<.0001

Analysis of Maximum Likelihood Estimates							
Parameter		asthmaesc	Estimate	Standard Error	t Value	Pr > t	Standardized Estimate
Intercept		3	4.9130	0.2171	22.63	<.0001	
Intercept		2 No Asthma Escalation	2.0433	0.2299	8.89	<.0001	
SRSEX	Female	3	-0.4962	0.0890	-5.58	<.0001	-4.1190
SRSEX	Female	2 No Asthma Escalation	-0.2357	0.0915	-2.58	0.0109	-1.9569
lateradult	Young / Middle Aged	3	-0.0792	0.0858	-0.92	0.3571	-0.4868
lateradult	Young / Middle Aged	2 No Asthma Escalation	-0.0193	0.0904	-0.21	0.8310	-0.1188
CITIZEN2	Non-Citizen	3	0.3290	0.2136	1.54	0.1254	1.5886
CITIZEN2	Non-Citizen	2 No Asthma Escalation	-0.0940	0.2259	-0.42	0.6780	-0.4538
CITIZEN2	US-Born Citizen	3	-0.3618	0.1468	-2.46	0.0148	-2.3309
CITIZEN2	US-Born Citizen	2 No Asthma Escalation	0.1623	0.1627	1.00	0.3200	1.0456
race	African American	3	-0.9189	0.1727	-5.32	<.0001	-4.4861
race	African American	2 No Asthma Escalation	-0.9239	0.1753	-5.27	<.0001	-4.5105
race	American Indian / Alaska Native	3	-0.3665	0.4187	-0.88	0.3828	-1.5329
race	American Indian / Alaska Native	2 No Asthma Escalation	0.1639	0.4333	0.38	0.7057	0.6857
race	Asian	3	0.7705	0.2483	3.10	0.0023	4.4482
race	Asian	2 No Asthma Escalation	0.5176	0.2510	2.06	0.0408	2.9881
race	Latino	3	0.0779	0.1470	0.53	0.5972	0.5668
race	Latino	2 No Asthma Escalation	-0.2546	0.1602	-1.59	0.1138	-1.8539
race	Multiracial / Other	3	-0.0348	0.2436	-0.14	0.8866	-0.1558
race	Multiracial / Other	2 No Asthma Escalation	0.1136	0.2643	0.43	0.6680	0.5084
childhh	No Children in HH	3	-0.0581	0.0871	-0.67	0.5055	-0.4473
childhh	No Children in HH	2 No Asthma Escalation	0.0426	0.0932	0.46	0.6483	0.3279
pfpl	0-99% FPL	3	-0.4146	0.0750	-5.53	<.0001	-2.5660
pfpl	0-99% FPL	2 No Asthma Escalation	-0.2624	0.0750	-3.50	0.0006	-1.6236
NOTE: The degrees of freedom for the t tests is 160.							

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Analysis of Maximum Likelihood Estimates

Parameter		asthmaesc	Estimate	Standard Error	t Value	Pr > t	Standardized Estimate
INS	Yes	3	-0.2809	0.1350	-2.08	0.0390	-1.6393
INS	Yes	2 No Asthma Escalation	-0.0870	0.1471	-0.59	0.5549	-0.5079

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

Odds Ratio Estimates

Effect	asthmaesc	Point Estimate	95% Confidence Limits	
SRSEX Female vs Male	3	0.371	0.261	0.527
SRSEX Female vs Male	2 No Asthma Escalation	0.624	0.435	0.896
lateradult Young / Middle Aged vs Later Adult	3	0.853	0.608	1.198
lateradult Young / Middle Aged vs Later Adult	2 No Asthma Escalation	0.962	0.673	1.375
CITIZEN2 Non-Citizen vs Naturalized Citizen	3	1.345	0.678	2.668
CITIZEN2 Non-Citizen vs Naturalized Citizen	2 No Asthma Escalation	0.975	0.472	2.013
CITIZEN2 US-Born Citizen vs Naturalized Citizen	3	0.674	0.437	1.039
CITIZEN2 US-Born Citizen vs Naturalized Citizen	2 No Asthma Escalation	1.259	0.773	2.052
race African American vs White	3	0.249	0.170	0.365
race African American vs White	2 No Asthma Escalation	0.271	0.184	0.398
race American Indian / Alaska Native vs White	3	0.432	0.158	1.182
race American Indian / Alaska Native vs White	2 No Asthma Escalation	0.803	0.282	2.289
race Asian vs White	3	1.348	0.747	2.432
race Asian vs White	2 No Asthma Escalation	1.143	0.616	2.124
race Latino vs White	3	0.674	0.477	0.953
race Latino vs White	2 No Asthma Escalation	0.528	0.371	0.752
race Multiracial / Other vs White	3	0.602	0.338	1.073
race Multiracial / Other vs White	2 No Asthma Escalation	0.763	0.407	1.433
childhh No Children in HH vs Children in HH	3	0.890	0.631	1.256
childhh No Children in HH vs Children in HH	2 No Asthma Escalation	1.089	0.754	1.574
pfpl 0-99% FPL vs 100% FPL and Above	3	0.436	0.324	0.587
pfpl 0-99% FPL vs 100% FPL and Above	2 No Asthma Escalation	0.592	0.440	0.796
INS Yes vs No	3	0.570	0.335	0.972
INS Yes vs No	2 No Asthma Escalation	0.840	0.470	1.502

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

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Estimated Covariance Matrix					
Parameter	Intercept_3	Intercept_2 No Asthma Escalation	SRSEXFemale_3	SRSEXFemale_2 No Asthma Escalati	lateradultYoung / Middle Aged_3
Intercept_3	0.04714	0.048311	-0.00861	-0.00811	-0.01072
Intercept_2 No Asthma Escalation	0.048311	0.052862	-0.00881	-0.0086	-0.01135
SRSEXFemale_3	-0.00861	-0.00881	0.007917	0.007818	0.003013
SRSEXFemale_2 No Asthma Escalati	-0.00811	-0.0086	0.007818	0.008371	0.003076
lateradultYoung / Middle Aged_3	-0.01072	-0.01135	0.003013	0.003076	0.007356
lateradultYoung / Middle Aged_2	-0.01159	-0.01297	0.003157	0.003222	0.007343
CITIZEN2Non-Citizen_3	0.008816	0.007823	0.002811	0.002362	0.001569
CITIZEN2Non-Citizen_2 No Asthma	0.008273	0.007895	0.002782	0.001985	0.00114
CITIZEN2US-Born Citizen_3	-0.00828	-0.00805	-0.00089	-0.00074	0.000032
CITIZEN2US-Born Citizen_2 No Ast	-0.00948	-0.01047	-0.0005	-0.0004	0.00055
raceAfrican American_3	-0.0051	-0.00543	0.003416	0.003264	0.001142
raceAfrican American_2 No Asthma	-0.00448	-0.005	0.003477	0.003679	0.001436
raceAmerican Indian / Alaska Nat	0.02584	0.02321	0.000675	0.002757	-0.00084
raceAmerican Indian / Alaska Nat	0.029397	0.028649	-0.0001	0.002044	-0.0019
raceAsian_3	0.001719	0.002659	-0.00362	-0.00383	-0.00611
raceAsian_2 No Asthma Escalation	-0.00184	-0.00151	-0.00273	-0.00289	-0.00463
raceLatino_3	-0.01125	-0.01065	-0.00022	-0.00041	0.000487
raceLatino_2 No Asthma Escalatio	-0.01244	-0.01305	-0.00065	-0.00087	0.00106
raceMultiracial / Other_3	0.000856	0.002186	-0.0039	-0.00508	0.002945
raceMultiracial / Other_2 No Ast	0.001429	0.003738	-0.00348	-0.00504	0.00195
childhhNo Children in HH_3	-0.0076	-0.00784	0.001723	0.001694	0.00253
childhhNo Children in HH_2 No As	-0.00822	-0.00903	0.001758	0.001806	0.002726
pfpl0-99% FPL_3	0.000261	-0.00035	0.000217	0.000166	-0.00032
pfpl0-99% FPL_2 No Asthma Escala	-0.00032	-0.00048	0.000318	0.00006	-0.00021

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Estimated Covariance Matrix				
Parameter	lateradultYoung / Middle Aged_2	CITIZEN2Non-Citizen_3	CITIZEN2Non-Citizen_2 No Asthma	CITIZEN2US-Born Citizen_3
Intercept_3	-0.01159	0.008816	0.008273	-0.00828
Intercept_2 No Asthma Escalation	-0.01297	0.007823	0.007895	-0.00805
SRSEXFemale_3	0.003157	0.002811	0.002782	-0.00089
SRSEXFemale_2 No Asthma Escalati	0.003222	0.002362	0.001985	-0.00074
lateradultYoung / Middle Aged_3	0.007343	0.001569	0.00114	0.000032
lateradultYoung / Middle Aged_2	0.008173	0.00182	0.001408	-0.00053
CITIZEN2Non-Citizen_3	0.00182	0.045609	0.046034	-0.02091
CITIZEN2Non-Citizen_2 No Asthma	0.001408	0.046034	0.051051	-0.0227
CITIZEN2US-Born Citizen_3	-0.00053	-0.02091	-0.0227	0.021546
CITIZEN2US-Born Citizen_2 No Ast	-0.00007	-0.02046	-0.02396	0.022748
raceAfrican American_3	0.001592	-0.00154	-0.00193	-0.00453
raceAfrican American_2 No Asthma	0.00193	-0.00044	-0.00041	-0.00519
raceAmerican Indian / Alaska Nat	-0.0013	0.006261	0.006829	0.000202
raceAmerican Indian / Alaska Nat	-0.00218	0.006768	0.006866	-0.00014
raceAsian_3	-0.00666	-0.00597	-0.00522	0.010805
raceAsian_2 No Asthma Escalation	-0.00541	-0.00578	-0.00541	0.011358
raceLatino_3	0.001125	-0.00147	-0.0022	0.002016
raceLatino_2 No Asthma Escalatio	0.001531	-0.00327	-0.00413	0.003117
raceMultiracial / Other_3	0.002393	0.000239	-0.00047	-0.00225
raceMultiracial / Other_2 No Ast	0.001287	0.000449	-0.00046	-0.00246
childhhNo Children in HH_3	0.002662	0.001152	0.001423	-0.00263
childhhNo Children in HH_2 No As	0.003204	0.002209	0.002412	-0.00298
pfpI0-99% FPL_3	-0.00032	-0.00629	-0.00704	0.001245
pfpI0-99% FPL_2 No Asthma Escala	-0.00025	-0.00493	-0.0058	0.000841

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Estimated Covariance Matrix						
Parameter	CITIZEN2US-Born Citizen_2 No Ast	raceAfrican American_3	raceAfrican American_2 No Asthma	raceAmerican Indian / Alaska Nat	raceAmerican Indian / Alaska Nat	raceAsian_3
Intercept_3	-0.00948	-0.0051	-0.00448	0.02584	0.029397	0.001719
Intercept_2 No Asthma Escalation	-0.01047	-0.00543	-0.005	0.02321	0.028649	0.002659
SRSEXFemale_3	-0.0005	0.003416	0.003477	0.000675	-0.0001	-0.00362
SRSEXFemale_2 No Asthma Escalati	-0.0004	0.003264	0.003679	0.002757	0.002044	-0.00383
lateradultYoung / Middle Aged_3	0.00055	0.001142	0.001436	-0.00084	-0.0019	-0.00611
lateradultYoung / Middle Aged_2	-0.00007	0.001592	0.00193	-0.0013	-0.00218	-0.00666
CITIZEN2Non-Citizen_3	-0.02046	-0.00154	-0.00044	0.006261	0.006768	-0.00597
CITIZEN2Non-Citizen_2 No Asthma	-0.02396	-0.00193	-0.00041	0.006829	0.006866	-0.00522
CITIZEN2US-Born Citizen_3	0.022748	-0.00453	-0.00519	0.000202	-0.00014	0.010805
CITIZEN2US-Born Citizen_2 No Ast	0.026475	-0.00501	-0.00659	0.000782	0.000592	0.010358
raceAfrican American_3	-0.00501	0.029824	0.027823	-0.03414	-0.03519	-0.00592
raceAfrican American_2 No Asthma	-0.00659	0.027823	0.030747	-0.0343	-0.03753	-0.00377
raceAmerican Indian / Alaska Nat	0.000782	-0.03414	-0.0343	0.175343	0.172407	-0.0386
raceAmerican Indian / Alaska Nat	0.000592	-0.03519	-0.03753	0.172407	0.187724	-0.03714
raceAsian_3	0.010358	-0.00592	-0.00377	-0.0386	-0.03714	0.061671
raceAsian_2 No Asthma Escalation	0.011973	-0.00544	-0.0038	-0.03114	-0.03487	0.058584
raceLatino_3	0.001399	0.000592	0.001315	-0.02652	-0.02722	-0.00088
raceLatino_2 No Asthma Escalatio	0.002877	0.002093	0.002623	-0.03059	-0.03425	-7.21E-6
raceMultiracial / Other_3	-0.00115	0.002426	0.00141	-0.04512	-0.04153	-0.01346
raceMultiracial / Other_2 No Ast	-0.00134	0.002652	-0.00074	-0.04452	-0.04665	-0.0143
childhhNo Children in HH_3	-0.00247	-0.00076	-0.00154	0.001558	0.000762	-0.00212
childhhNo Children in HH_2 No As	-0.00302	-0.00036	-0.00099	0.001422	0.000826	-0.00201
pfpl0-99% FPL_3	0.001988	0.000192	-0.00018	-0.00329	-0.00393	0.001449
pfpl0-99% FPL_2 No Asthma Escala	0.001557	0.000107	-0.00049	-0.00354	-0.00393	-0.00035

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Parameter	raceAsian_2 No Asthma Escalation	raceLatino_3	raceLatino_2 No Asthma Escalatio	raceMultiracial / Other_3	raceMultiracial / Other_2 No Ast
Intercept_3	-0.00184	-0.01125	-0.01244	0.000856	0.001429
Intercept_2 No Asthma Escalation	-0.00151	-0.01065	-0.01305	0.002186	0.003738
SRSEXFemale_3	-0.00273	-0.00022	-0.00065	-0.0039	-0.00348
SRSEXFemale_2 No Asthma Escalati	-0.00289	-0.00041	-0.00087	-0.00508	-0.00504
lateradultYoung / Middle Aged_3	-0.00463	0.000487	0.00106	0.002945	0.00195
lateradultYoung / Middle Aged_2	-0.00541	0.001125	0.001531	0.002393	0.001287
CITIZEN2Non-Citizen_3	-0.00578	-0.00147	-0.00327	0.000239	0.000449
CITIZEN2Non-Citizen_2 No Asthma	-0.00541	-0.0022	-0.00413	-0.00047	-0.00046
CITIZEN2US-Born Citizen_3	0.011358	0.002016	0.003117	-0.00225	-0.00246
CITIZEN2US-Born Citizen_2 No Ast	0.011973	0.001399	0.002877	-0.00115	-0.00134
raceAfrican American_3	-0.00544	0.000592	0.002093	0.002426	0.002652
raceAfrican American_2 No Asthma	-0.0038	0.001315	0.002623	0.00141	-0.00074
raceAmerican Indian / Alaska Nat	-0.03114	-0.02652	-0.03059	-0.04512	-0.04452
raceAmerican Indian / Alaska Nat	-0.03487	-0.02722	-0.03425	-0.04153	-0.04665
raceAsian_3	0.058584	-0.00088	-7.21E-6	-0.01346	-0.0143
raceAsian_2 No Asthma Escalation	0.06301	-0.00265	-0.00175	-0.01539	-0.01741
raceLatino_3	-0.00265	0.021622	0.021978	-0.00127	-0.00054
raceLatino_2 No Asthma Escalatio	-0.00175	0.021978	0.025651	-0.00126	-0.00164
raceMultiracial / Other_3	-0.01539	-0.00127	-0.00126	0.059358	0.059177
raceMultiracial / Other_2 No Ast	-0.01741	-0.00054	-0.00164	0.059177	0.069856
childhhNo Children in HH_3	-0.001	0.00039	0.000568	-0.00101	-0.00078
childhhNo Children in HH_2 No As	-0.00094	0.000533	0.000719	-0.00144	-0.00155
pfpl0-99% FPL_3	0.001633	-0.00161	-0.00041	0.000653	0.000044
pfpl0-99% FPL_2 No Asthma Escala	-0.00049	-0.00079	0.000087	0.001772	0.001667

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Parameter	childhhNo Children in HH_3	childhhNo Children in HH_2 No As	pfpl0-99% FPL_3	pfpl0-99% FPL_2 No Asthma Escala	INSYes_3	INSYes_2 No Asthma Escalation
Intercept_3	-0.0076	-0.00822	0.000261	-0.00032	-0.01828	-0.01855
Intercept_2 No Asthma Escalation	-0.00784	-0.00903	-0.00035	-0.00048	-0.01949	-0.02027
SRSEXFemale_3	0.001723	0.001758	0.000217	0.000318	0.001701	0.001687
SRSEXFemale_2 No Asthma Escalati	0.001694	0.001806	0.000166	0.00006	0.001219	0.001192
lateradultYoung / Middle Aged_3	0.00253	0.002726	-0.00032	-0.00021	0.003598	0.003673
lateradultYoung / Middle Aged_2	0.002662	0.003204	-0.00032	-0.00025	0.004244	0.004403
CITIZEN2Non-Citizen_3	0.001152	0.002209	-0.00629	-0.00493	0.004672	0.005301
CITIZEN2Non-Citizen_2 No Asthma	0.001423	0.002412	-0.00704	-0.0058	0.005718	0.006943
CITIZEN2US-Born Citizen_3	-0.00263	-0.00298	0.001245	0.000841	-0.00321	-0.00388
CITIZEN2US-Born Citizen_2 No Ast	-0.00247	-0.00302	0.001988	0.001557	-0.00265	-0.0036
raceAfrican American_3	-0.00076	-0.00036	0.000192	0.000107	-0.00199	-0.0024
raceAfrican American_2 No Asthma	-0.00154	-0.00099	-0.00018	-0.00049	-0.00206	-0.0024
raceAmerican Indian / Alaska Nat	0.001558	0.001422	-0.00329	-0.00354	-0.00164	0.002319
raceAmerican Indian / Alaska Nat	0.000762	0.000826	-0.00393	-0.00393	-0.00247	0.002028
raceAsian_3	-0.00212	-0.00201	0.001449	-0.00035	-0.00084	-0.00265
raceAsian_2 No Asthma Escalation	-0.001	-0.00094	0.001633	-0.00049	0.00088	-0.00094
raceLatino_3	0.00039	0.000533	-0.00161	-0.00079	0.002157	0.001976
raceLatino_2 No Asthma Escalatio	0.000568	0.000719	-0.00041	0.000087	0.001437	0.001026
raceMultiracial / Other_3	-0.00101	-0.00144	0.000653	0.001772	0.001299	0.000158
raceMultiracial / Other_2 No Ast	-0.00078	-0.00155	0.000044	0.001667	0.001458	0.000088
childhhNo Children in HH_3	0.007589	0.007726	0.000742	0.001125	0.003829	0.004218
childhhNo Children in HH_2 No As	0.007726	0.008691	0.000604	0.001094	0.004425	0.004916
pfpl0-99% FPL_3	0.000742	0.000604	0.005625	0.005086	-0.00115	-0.00165
pfpl0-99% FPL_2 No Asthma Escala	0.001125	0.001094	0.005086	0.005626	-0.00077	-0.00088

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CHIS CHIS_DATA_BINOMIAL_ED
PROC SURVEYLOGISTIC - April 28, 2019

The SURVEYLOGISTIC Procedure

Estimated Covariance Matrix					
Parameter	Intercept_3	Intercept_2 No Asthma Escalation	SRSEXFemale_3	SRSEXFemale_2 No Asthma Escalati	lateradultYoung / Middle Aged_3
INSYes_3	-0.01828	-0.01949	0.001701	0.001219	0.003598
INSYes_2 No Asthma Escalation	-0.01855	-0.02027	0.001687	0.001192	0.003673

CHIS_80_Hospitalizations
CHIS CHIS_DATA_BINOMIAL_ED
PROC SURVEYLOGISTIC - April 28, 2019

The SURVEYLOGISTIC Procedure

Estimated Covariance Matrix				
Parameter	lateradultYoung / Middle Aged_2	CITIZEN2Non-Citizen_3	CITIZEN2Non-Citizen_2 No Asthma	CITIZEN2US-Born Citizen_3
INSYes_3	0.004244	0.004672	0.005718	-0.00321
INSYes_2 No Asthma Escalation	0.004403	0.005301	0.006943	-0.00388

CHIS_80_Hospitalizations
CHIS CHIS_DATA_BINOMIAL_ED
PROC SURVEYLOGISTIC - April 28, 2019

The SURVEYLOGISTIC Procedure

Estimated Covariance Matrix						
Parameter	CITIZEN2US-Born Citizen_2 No Ast	raceAfrican American_3	raceAfrican American_2 No Asthma	raceAmerican Indian / Alaska Nat	raceAmerican Indian / Alaska Nat	raceAsian_3
INSYes_3	-0.00265	-0.00199	-0.00206	-0.00164	-0.00247	-0.00084
INSYes_2 No Asthma Escalation	-0.0036	-0.0024	-0.0024	0.002319	0.002028	-0.00265

CHIS_80_Hospitalizations
CHIS CHIS_DATA_BINOMIAL_ED
PROC SURVEYLOGISTIC - April 28, 2019

The SURVEYLOGISTIC Procedure

Estimated Covariance Matrix					
Parameter	raceAsian_2 No Asthma Escalation	raceLatino_3	raceLatino_2 No Asthma Escalatio	raceMultiracial / Other_3	raceMultiracial / Other_2 No Ast
INSYes_3	0.00088	0.002157	0.001437	0.001299	0.001458
INSYes_2 No Asthma Escalation	-0.00094	0.001976	0.001026	0.000158	0.000088

CHIS_80_Hospitalizations
CHIS CHIS_DATA_BINOMIAL_ED
PROC SURVEYLOGISTIC - April 28, 2019

The SURVEYLOGISTIC Procedure

Estimated Covariance Matrix						
Parameter	childhhNo Children in HH_3	childhhNo Children in HH_2 No As	pfpl0-99% FPL_3	pfpl0-99% FPL_2 No Asthma Escala	INSYes_3	INSYes_2 No Asthma Escalation
INSYes_3	0.003829	0.004425	-0.00115	-0.00077	0.018217	0.019083
INSYes_2 No Asthma Escalation	0.004218	0.004916	-0.00165	-0.00088	0.019083	0.021625

CHIS_80_Hospitalizations
CHIS CHIS_DATA_BINOMIAL_ED
PROC SURVEYLOGISTIC - April 28, 2019

The SURVEYLOGISTIC Procedure

Estimated Correlation Matrix					
Parameter	Intercept_3	Intercept_2 No Asthma Escalation	SRSEXFemale_3	SRSEXFemale_2 No Asthma Escalati	lateradultYoung / Middle Aged_3
Intercept_3	1.0000	0.9678	-0.4454	-0.4082	-0.5757
Intercept_2 No Asthma Escalation	0.9678	1.0000	-0.4306	-0.4088	-0.5756
SRSEXFemale_3	-0.4454	-0.4306	1.0000	0.9603	0.3949
SRSEXFemale_2 No Asthma Escalati	-0.4082	-0.4088	0.9603	1.0000	0.3919
lateradultYoung / Middle Aged_3	-0.5757	-0.5756	0.3949	0.3919	1.0000
lateradultYoung / Middle Aged_2	-0.5904	-0.6241	0.3924	0.3895	0.9470
CITIZEN2Non-Citizen_3	0.1901	0.1593	0.1480	0.1209	0.0857
CITIZEN2Non-Citizen_2 No Asthma	0.1687	0.1520	0.1384	0.0960	0.0588
CITIZEN2US-Born Citizen_3	-0.2599	-0.2384	-0.0681	-0.0549	0.0026
CITIZEN2US-Born Citizen_2 No Ast	-0.2684	-0.2799	-0.0347	-0.0271	0.0394
raceAfrican American_3	-0.1360	-0.1367	0.2223	0.2066	0.0771
raceAfrican American_2 No Asthma	-0.1176	-0.1239	0.2228	0.2293	0.0955
raceAmerican Indian / Alaska Nat	0.2842	0.2411	0.0181	0.0720	-0.0234
raceAmerican Indian / Alaska Nat	0.3125	0.2876	-0.0025	0.0516	-0.0512
raceAsian_3	0.0319	0.0466	-0.1637	-0.1687	-0.2867
raceAsian_2 No Asthma Escalation	-0.0338	-0.0262	-0.1221	-0.1258	-0.2149
raceLatino_3	-0.3525	-0.3150	-0.0170	-0.0307	0.0386
raceLatino_2 No Asthma Escalatio	-0.3578	-0.3545	-0.0459	-0.0594	0.0772
raceMultiracial / Other_3	0.0162	0.0390	-0.1798	-0.2279	0.1409
raceMultiracial / Other_2 No Ast	0.0249	0.0615	-0.1481	-0.2084	0.0860
childhhNo Children in HH_3	-0.4017	-0.3914	0.2223	0.2125	0.3386
childhhNo Children in HH_2 No As	-0.4063	-0.4214	0.2120	0.2117	0.3409
pfpl0-99% FPL_3	0.0161	-0.0202	0.0325	0.0242	-0.0503
pfpl0-99% FPL_2 No Asthma Escala	-0.0198	-0.0276	0.0477	0.0088	-0.0334

CHIS_80_Hospitalizations
CHIS CHIS_DATA_BINOMIAL_ED
PROC SURVEYLOGISTIC - April 28, 2019

The SURVEYLOGISTIC Procedure

Estimated Correlation Matrix				
Parameter	lateradultYoung / Middle Aged_2	CITIZEN2Non-Citizen_3	CITIZEN2Non-Citizen_2 No Asthma	CITIZEN2US-Born Citizen_3
Intercept_3	-0.5904	0.1901	0.1687	-0.2599
Intercept_2 No Asthma Escalation	-0.6241	0.1593	0.1520	-0.2384
SRSEXFemale_3	0.3924	0.1480	0.1384	-0.0681
SRSEXFemale_2 No Asthma Escalati	0.3895	0.1209	0.0960	-0.0549
lateradultYoung / Middle Aged_3	0.9470	0.0857	0.0588	0.0026
lateradultYoung / Middle Aged_2	1.0000	0.0943	0.0689	-0.0398
CITIZEN2Non-Citizen_3	0.0943	1.0000	0.9540	-0.6672
CITIZEN2Non-Citizen_2 No Asthma	0.0689	0.9540	1.0000	-0.6845
CITIZEN2US-Born Citizen_3	-0.0398	-0.6672	-0.6845	1.0000
CITIZEN2US-Born Citizen_2 No Ast	-0.0045	-0.5889	-0.6518	0.9524
raceAfrican American_3	0.1019	-0.0418	-0.0495	-0.1785
raceAfrican American_2 No Asthma	0.1217	-0.0117	-0.0104	-0.2017
raceAmerican Indian / Alaska Nat	-0.0344	0.0700	0.0722	0.0033
raceAmerican Indian / Alaska Nat	-0.0557	0.0731	0.0701	-0.0022
raceAsian_3	-0.2964	-0.1125	-0.0930	0.2964
raceAsian_2 No Asthma Escalation	-0.2382	-0.1077	-0.0954	0.3083
raceLatino_3	0.0847	-0.0468	-0.0662	0.0934
raceLatino_2 No Asthma Escalatio	0.1058	-0.0956	-0.1142	0.1326
raceMultiracial / Other_3	0.1086	0.0046	-0.0085	-0.0630
raceMultiracial / Other_2 No Ast	0.0539	0.0080	-0.0077	-0.0635
childhhNo Children in HH_3	0.3380	0.0619	0.0723	-0.2060
childhhNo Children in HH_2 No As	0.3802	0.1110	0.1145	-0.2180
pfpI0-99% FPL_3	-0.0475	-0.3926	-0.4157	0.1131
pfpI0-99% FPL_2 No Asthma Escala	-0.0367	-0.3079	-0.3423	0.0764

CHIS_80_Hospitalizations
CHIS CHIS_DATA_BINOMIAL_ED
PROC SURVEYLOGISTIC - April 28, 2019

The SURVEYLOGISTIC Procedure

Estimated Correlation Matrix						
Parameter	CITIZEN2US-Born Citizen_2 No Ast	raceAfrican American_3	raceAfrican American_2 No Asthma	raceAmerican Indian / Alaska Nat	raceAmerican Indian / Alaska Nat	raceAsian_3
Intercept_3	-0.2684	-0.1360	-0.1176	0.2842	0.3125	0.0319
Intercept_2 No Asthma Escalation	-0.2799	-0.1367	-0.1239	0.2411	0.2876	0.0466
SRSEXFemale_3	-0.0347	0.2223	0.2228	0.0181	-0.0025	-0.1637
SRSEXFemale_2 No Asthma Escalati	-0.0271	0.2066	0.2293	0.0720	0.0516	-0.1687
lateradultYoung / Middle Aged_3	0.0394	0.0771	0.0955	-0.0234	-0.0512	-0.2867
lateradultYoung / Middle Aged_2	-0.0045	0.1019	0.1217	-0.0344	-0.0557	-0.2964
CITIZEN2Non-Citizen_3	-0.5889	-0.0418	-0.0117	0.0700	0.0731	-0.1125
CITIZEN2Non-Citizen_2 No Asthma	-0.6518	-0.0495	-0.0104	0.0722	0.0701	-0.0930
CITIZEN2US-Born Citizen_3	0.9524	-0.1785	-0.2017	0.0033	-0.0022	0.2964
CITIZEN2US-Born Citizen_2 No Ast	1.0000	-0.1781	-0.2310	0.0115	0.0084	0.2563
raceAfrican American_3	-0.1781	1.0000	0.9188	-0.4720	-0.4703	-0.1381
raceAfrican American_2 No Asthma	-0.2310	0.9188	1.0000	-0.4672	-0.4940	-0.0865
raceAmerican Indian / Alaska Nat	0.0115	-0.4720	-0.4672	1.0000	0.9503	-0.3712
raceAmerican Indian / Alaska Nat	0.0084	-0.4703	-0.4940	0.9503	1.0000	-0.3452
raceAsian_3	0.2563	-0.1381	-0.0865	-0.3712	-0.3452	1.0000
raceAsian_2 No Asthma Escalation	0.2931	-0.1256	-0.0864	-0.2963	-0.3206	0.9398
raceLatino_3	0.0585	0.0233	0.0510	-0.4307	-0.4272	-0.0241
raceLatino_2 No Asthma Escalatio	0.1104	0.0757	0.0934	-0.4562	-0.4936	-0.0002
raceMultiracial / Other_3	-0.0291	0.0577	0.0330	-0.4422	-0.3935	-0.2224
raceMultiracial / Other_2 No Ast	-0.0311	0.0581	-0.0161	-0.4023	-0.4073	-0.2179
childhhNo Children in HH_3	-0.1740	-0.0503	-0.1008	0.0427	0.0202	-0.0982
childhhNo Children in HH_2 No As	-0.1990	-0.0224	-0.0604	0.0364	0.0204	-0.0869
pfpl0-99% FPL_3	0.1629	0.0148	-0.0138	-0.1049	-0.1208	0.0778
pfpl0-99% FPL_2 No Asthma Escala	0.1275	0.0083	-0.0372	-0.1127	-0.1209	-0.0187

CHIS_80_Hospitalizations
CHIS CHIS_DATA_BINOMIAL_ED
PROC SURVEYLOGISTIC - April 28, 2019

The SURVEYLOGISTIC Procedure

Estimated Correlation Matrix					
Parameter	raceAsian_2 No Asthma Escalation	raceLatino_3	raceLatino_2 No Asthma Escalatio	raceMultiracial / Other_3	raceMultiracial / Other_2 No Ast
Intercept_3	-0.0338	-0.3525	-0.3578	0.0162	0.0249
Intercept_2 No Asthma Escalation	-0.0262	-0.3150	-0.3545	0.0390	0.0615
SRSEXFemale_3	-0.1221	-0.0170	-0.0459	-0.1798	-0.1481
SRSEXFemale_2 No Asthma Escalati	-0.1258	-0.0307	-0.0594	-0.2279	-0.2084
lateradultYoung / Middle Aged_3	-0.2149	0.0386	0.0772	0.1409	0.0860
lateradultYoung / Middle Aged_2	-0.2382	0.0847	0.1058	0.1086	0.0539
CITIZEN2Non-Citizen_3	-0.1077	-0.0468	-0.0956	0.0046	0.0080
CITIZEN2Non-Citizen_2 No Asthma	-0.0954	-0.0662	-0.1142	-0.0085	-0.0077
CITIZEN2US-Born Citizen_3	0.3083	0.0934	0.1326	-0.0630	-0.0635
CITIZEN2US-Born Citizen_2 No Ast	0.2931	0.0585	0.1104	-0.0291	-0.0311
raceAfrican American_3	-0.1256	0.0233	0.0757	0.0577	0.0581
raceAfrican American_2 No Asthma	-0.0864	0.0510	0.0934	0.0330	-0.0161
raceAmerican Indian / Alaska Nat	-0.2963	-0.4307	-0.4562	-0.4422	-0.4023
raceAmerican Indian / Alaska Nat	-0.3206	-0.4272	-0.4936	-0.3935	-0.4073
raceAsian_3	0.9398	-0.0241	-0.0002	-0.2224	-0.2179
raceAsian_2 No Asthma Escalation	1.0000	-0.0717	-0.0434	-0.2516	-0.2624
raceLatino_3	-0.0717	1.0000	0.9332	-0.0353	-0.0138
raceLatino_2 No Asthma Escalatio	-0.0434	0.9332	1.0000	-0.0323	-0.0387
raceMultiracial / Other_3	-0.2516	-0.0353	-0.0323	1.0000	0.9190
raceMultiracial / Other_2 No Ast	-0.2624	-0.0138	-0.0387	0.9190	1.0000
childhhNo Children in HH_3	-0.0456	0.0304	0.0407	-0.0478	-0.0340
childhhNo Children in HH_2 No As	-0.0400	0.0389	0.0482	-0.0634	-0.0628
pfpl0-99% FPL_3	0.0868	-0.1460	-0.0344	0.0357	0.0022
pfpl0-99% FPL_2 No Asthma Escala	-0.0260	-0.0720	0.0073	0.0970	0.0841

CHIS_80_Hospitalizations
CHIS CHIS_DATA_BINOMIAL_ED
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The SURVEYLOGISTIC Procedure

Estimated Correlation Matrix						
Parameter	childhhNo Children in HH_3	childhhNo Children in HH_2 No As	pfpl0-99% FPL_3	pfpl0-99% FPL_2 No Asthma Escala	INSYes_3	INSYes_2 No Asthma Escalation
Intercept_3	-0.4017	-0.4063	0.0161	-0.0198	-0.6238	-0.5810
Intercept_2 No Asthma Escalation	-0.3914	-0.4214	-0.0202	-0.0276	-0.6279	-0.5996
SRSEXFemale_3	0.2223	0.2120	0.0325	0.0477	0.1416	0.1290
SRSEXFemale_2 No Asthma Escalati	0.2125	0.2117	0.0242	0.0088	0.0987	0.0886
lateradultYoung / Middle Aged_3	0.3386	0.3409	-0.0503	-0.0334	0.3108	0.2912
lateradultYoung / Middle Aged_2	0.3380	0.3802	-0.0475	-0.0367	0.3478	0.3312
CITIZEN2Non-Citizen_3	0.0619	0.1110	-0.3926	-0.3079	0.1621	0.1688
CITIZEN2Non-Citizen_2 No Asthma	0.0723	0.1145	-0.4157	-0.3423	0.1875	0.2090
CITIZEN2US-Born Citizen_3	-0.2060	-0.2180	0.1131	0.0764	-0.1618	-0.1797
CITIZEN2US-Born Citizen_2 No Ast	-0.1740	-0.1990	0.1629	0.1275	-0.1207	-0.1505
raceAfrican American_3	-0.0503	-0.0224	0.0148	0.0083	-0.0855	-0.0946
raceAfrican American_2 No Asthma	-0.1008	-0.0604	-0.0138	-0.0372	-0.0869	-0.0931
raceAmerican Indian / Alaska Nat	0.0427	0.0364	-0.1049	-0.1127	-0.0290	0.0377
raceAmerican Indian / Alaska Nat	0.0202	0.0204	-0.1208	-0.1209	-0.0422	0.0318
raceAsian_3	-0.0982	-0.0869	0.0778	-0.0187	-0.0252	-0.0726
raceAsian_2 No Asthma Escalation	-0.0456	-0.0400	0.0868	-0.0260	0.0260	-0.0256
raceLatino_3	0.0304	0.0389	-0.1460	-0.0720	0.1087	0.0914
raceLatino_2 No Asthma Escalatio	0.0407	0.0482	-0.0344	0.0073	0.0665	0.0436
raceMultiracial / Other_3	-0.0478	-0.0634	0.0357	0.0970	0.0395	0.0044
raceMultiracial / Other_2 No Ast	-0.0340	-0.0628	0.0022	0.0841	0.0409	0.0023
childhhNo Children in HH_3	1.0000	0.9513	0.1136	0.1722	0.3256	0.3292
childhhNo Children in HH_2 No As	0.9513	1.0000	0.0863	0.1564	0.3517	0.3586
pfpl0-99% FPL_3	0.1136	0.0863	1.0000	0.9040	-0.1133	-0.1498
pfpl0-99% FPL_2 No Asthma Escala	0.1722	0.1564	0.9040	1.0000	-0.0762	-0.0793

CHIS_80_Hospitalizations
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Estimated Correlation Matrix					
Parameter	Intercept_3	Intercept_2 No Asthma Escalation	SRSEXFemale_3	SRSEXFemale_2 No Asthma Escalati	lateradultYoung / Middle Aged_3
INSYes_3	-0.6238	-0.6279	0.1416	0.0987	0.3108
INSYes_2 No Asthma Escalation	-0.5810	-0.5996	0.1290	0.0886	0.2912

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The SURVEYLOGISTIC Procedure

Estimated Correlation Matrix				
Parameter	lateradultYoung / Middle Aged_2	CITIZEN2Non-Citizen_3	CITIZEN2Non-Citizen_2 No Asthma	CITIZEN2US-Born Citizen_3
INSYes_3	0.3478	0.1621	0.1875	-0.1618
INSYes_2 No Asthma Escalation	0.3312	0.1688	0.2090	-0.1797

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The SURVEYLOGISTIC Procedure

Estimated Correlation Matrix						
Parameter	CITIZEN2US-Born Citizen_2 No Ast	raceAfrican American_3	raceAfrican American_2 No Asthma	raceAmerican Indian / Alaska Nat	raceAmerican Indian / Alaska Nat	raceAsian_3
INSYes_3	-0.1207	-0.0855	-0.0869	-0.0290	-0.0422	-0.0252
INSYes_2 No Asthma Escalation	-0.1505	-0.0946	-0.0931	0.0377	0.0318	-0.0726

CHIS_80_Hospitalizations
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Estimated Correlation Matrix					
Parameter	raceAsian_2 No Asthma Escalation	raceLatino_3	raceLatino_2 No Asthma Escalatio	raceMultiracial / Other_3	raceMultiracial / Other_2 No Ast
INSYes_3	0.0260	0.1087	0.0665	0.0395	0.0409
INSYes_2 No Asthma Escalation	-0.0256	0.0914	0.0436	0.0044	0.0023

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Estimated Correlation Matrix						
Parameter	childhhNo Children in HH_3	childhhNo Children in HH_2 No As	pfpl0-99% FPL_3	pfpl0-99% FPL_2 No Asthma Escala	INSYes_3	INSYes_2 No Asthma Escalation
INSYes_3	0.3256	0.3517	-0.1133	-0.0762	1.0000	0.9615
INSYes_2 No Asthma Escalation	0.3292	0.3586	-0.1498	-0.0793	0.9615	1.0000

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Domain Analysis for domain analyzeData=1

Model Information		
Data Set	CHIS.CHIS_DATA_BINOMIAL_ED	
Response Variable	asthmaesc	ED/UC Asthma Visit
Number of Response Levels	3	
Weight Variable	fnwgt0	
Model	Generalized Logit	
Optimization Technique	Newton-Raphson	

Number of Observations Read	124521
Number of Observations Used	124521
Sum of Weights Read	2765889
Sum of Weights Used	2765889

Response Profile			
Ordered Value	asthmaesc	Total Frequency	Total Weight
1	3	2085	486894.3
2	1 Asthmatic Escalation	1095	237258.9
3	2 No Asthma Escalation	10410	2041736.2

Logits modeled use asthmaesc='1 Asthmatic Escalation' as the reference category.

Class Level Information						
Class	Value	Design Variables				
SRSEX	Female	1				
	Male	-1				
lateradult	Later Adult	-1				
	Young / Middle Aged	1				
CITIZEN2	Naturalized Citizen	-1	-1			
	Non-Citizen	1	0			
	US-Born Citizen	0	1			
race	African American	1	0	0	0	0
	American Indian / Alaska Native	0	1	0	0	0
	Asian	0	0	1	0	0
	Latino	0	0	0	1	0
	Multiracial / Other	0	0	0	0	1
	White	-1	-1	-1	-1	-1
childhh	Children in HH	-1				

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Domain Analysis for domain analyzeData=1

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

Domain Summary	
Number of Observations	124521
Number of Observations in Domain	13590
Number of Observations not in Domain	110931
Sum of Weights in Domain	2765889.4

Variance Estimation	
Method	Jackknife
Replicate Weights	CHIS_DATA_BINOMIAL_ED
Number of Replicates	160

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

Model Fit Statistics		
Criterion	Intercept Only	Intercept and Covariates
AIC	4096528.6	3968911.5
SC	4096554.3	3969245.2
-2 Log L	4096524.6	3968859.5

R-Square	0.0451	Max-rescaled R-Square	0.0584
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CHIS_80_Hospitalizations
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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	20.85	19.4311	3108.98	<.0001
Score	5.73	24	160	<.0001
Wald	8.12	24	160	<.0001

NOTE:
Second-order Rao-Scott design correction 0.2351
applied to the Likelihood Ratio test.

Type 3 Analysis of Effects				
Effect	F Value	Num DF	Den DF	Pr > F
SRSEX	9.26	2	160	0.0002
lateradult	3.89	2	160	0.0224
CITIZEN2	0.53	4	160	0.7107
race	7.40	10	160	<.0001
childhh	0.20	2	160	0.8165
pfpl	6.39	2	160	0.0021
INS	1.52	2	160	0.2216

Analysis of Maximum Likelihood Estimates							
Parameter		asthmaesc	Estimate	Standard Error	t Value	Pr > t	Standardized Estimate
Intercept		3	0.5839	0.2694	2.17	0.0317	
Intercept		2 No Asthma Escalation	1.9813	0.2258	8.77	<.0001	
SRSEX	Female	3	-0.3904	0.1007	-3.88	0.0002	-0.9832
SRSEX	Female	2 No Asthma Escalation	-0.2083	0.0901	-2.31	0.0221	-0.5245
lateradult	Young / Middle Aged	3	0.1619	0.0981	1.65	0.1007	0.3146
lateradult	Young / Middle Aged	2 No Asthma Escalation	0.000943	0.0887	0.01	0.9915	0.00183
CITIZEN2	Non-Citizen	3	0.0356	0.2211	0.16	0.8723	0.0402
CITIZEN2	Non-Citizen	2 No Asthma Escalation	-0.0846	0.2305	-0.37	0.7140	-0.0956
CITIZEN2	US-Born Citizen	3	0.1043	0.1550	0.67	0.5021	0.1789
CITIZEN2	US-Born Citizen	2 No Asthma Escalation	0.1785	0.1642	1.09	0.2787	0.3063
race	African American	3	-1.0720	0.2343	-4.57	<.0001	-1.7780
race	African American	2 No Asthma Escalation	-0.9066	0.1784	-5.08	<.0001	-1.5037
race	American Indian / Alaska Native	3	-0.2910	0.5221	-0.56	0.5780	-0.3923
race	American Indian / Alaska Native	2 No Asthma Escalation	0.1668	0.4434	0.38	0.7072	0.2249
race	Asian	3	0.4482	0.3165	1.42	0.1586	0.7690
race	Asian	2 No Asthma Escalation	0.4848	0.2634	1.84	0.0675	0.8318
NOTE: The degrees of freedom for the t tests is 160.							

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Analysis of Maximum Likelihood Estimates

Parameter		asthmaesc	Estimate	Standard Error	t Value	Pr > t	Standardized Estimate
race	Latino	3	0.0446	0.1750	0.25	0.7992	0.0984
race	Latino	2 No Asthma Escalation	-0.2523	0.1614	-1.56	0.1199	-0.5568
race	Multiracial / Other	3	0.5474	0.3426	1.60	0.1121	0.8160
race	Multiracial / Other	2 No Asthma Escalation	0.1180	0.2709	0.44	0.6637	0.1759
childhh	No Children in HH	3	0.0352	0.1119	0.31	0.7533	0.0810
childhh	No Children in HH	2 No Asthma Escalation	0.0534	0.0949	0.56	0.5744	0.1228
pfpl	0-99% FPL	3	-0.2338	0.0947	-2.47	0.0147	-0.4773
pfpl	0-99% FPL	2 No Asthma Escalation	-0.2662	0.0745	-3.57	0.0005	-0.5434
INS	Yes	3	-0.1795	0.1472	-1.22	0.2245	-0.2718
INS	Yes	2 No Asthma Escalation	-0.0650	0.1461	-0.44	0.6571	-0.0984
NOTE: The degrees of freedom for the t tests is 160.							

Odds Ratio Estimates

Effect	asthmaesc	Point Estimate	95% Confidence Limits	
SRSEX Female vs Male	3	0.458	0.308	0.682
SRSEX Female vs Male	2 No Asthma Escalation	0.659	0.462	0.941
lateradult Young / Middle Aged vs Later Adult	3	1.382	0.938	2.037
lateradult Young / Middle Aged vs Later Adult	2 No Asthma Escalation	1.002	0.706	1.422
CITIZEN2 Non-Citizen vs Naturalized Citizen	3	1.192	0.555	2.561
CITIZEN2 Non-Citizen vs Naturalized Citizen	2 No Asthma Escalation	1.009	0.474	2.149
CITIZEN2 US-Born Citizen vs Naturalized Citizen	3	1.276	0.742	2.195
CITIZEN2 US-Born Citizen vs Naturalized Citizen	2 No Asthma Escalation	1.313	0.785	2.197
race African American vs White	3	0.248	0.144	0.426
race African American vs White	2 No Asthma Escalation	0.274	0.185	0.405
race American Indian / Alaska Native vs White	3	0.541	0.155	1.891
race American Indian / Alaska Native vs White	2 No Asthma Escalation	0.801	0.274	2.340
race Asian vs White	3	1.134	0.559	2.299
race Asian vs White	2 No Asthma Escalation	1.100	0.583	2.076
race Latino vs White	3	0.757	0.520	1.102
race Latino vs White	2 No Asthma Escalation	0.526	0.370	0.748
race Multiracial / Other vs White	3	1.252	0.537	2.920
race Multiracial / Other vs White	2 No Asthma Escalation	0.762	0.403	1.442
childhh No Children in HH vs Children in HH	3	1.073	0.690	1.669
NOTE: The degrees of freedom in computing the confidence limits is 160.				

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Odds Ratio Estimates				
Effect	asthmaesc	Point Estimate	95% Confidence Limits	
childhh No Children in HH vs Children in HH	2 No Asthma Escalation	1.113	0.765	1.619
pfpl 0-99% FPL vs 100% FPL and Above	3	0.627	0.431	0.911
pfpl 0-99% FPL vs 100% FPL and Above	2 No Asthma Escalation	0.587	0.437	0.788
INS Yes vs No	3	0.698	0.391	1.249
INS Yes vs No	2 No Asthma Escalation	0.878	0.493	1.564
NOTE: The degrees of freedom in computing the confidence limits is 160.				

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Estimated Covariance Matrix					
Parameter	Intercept_3	Intercept_2 No Asthma Escalation	SRSEXFemale_3	SRSEXFemale_2 No Asthma Escalati	lateradultYoung / Middle Aged_3
Intercept_3	0.072598	0.05093	-0.01055	-0.00913	-0.01309
Intercept_2 No Asthma Escalation	0.05093	0.050993	-0.0093	-0.00799	-0.00878
SRSEXFemale_3	-0.01055	-0.0093	0.010137	0.007709	0.002171
SRSEXFemale_2 No Asthma Escalati	-0.00913	-0.00799	0.007709	0.008125	0.002368
lateradultYoung / Middle Aged_3	-0.01309	-0.00878	0.002171	0.002368	0.009623
lateradultYoung / Middle Aged_2	-0.01182	-0.01117	0.00273	0.002735	0.007036
CITIZEN2Non-Citizen_3	0.01072	0.009143	0.003138	0.002481	0.001318
CITIZEN2Non-Citizen_2 No Asthma	0.004036	0.008631	0.000887	0.001385	0.003058
CITIZEN2US-Born Citizen_3	-0.01339	-0.01045	0.000251	0.000445	-0.0006
CITIZEN2US-Born Citizen_2 No Ast	-0.00615	-0.01094	-0.00018	-0.00037	-0.00145
raceAfrican American_3	-0.00233	-0.00086	-0.00041	0.001411	-0.00334
raceAfrican American_2 No Asthma	-0.00102	-0.00217	0.003091	0.002886	-0.00112
raceAmerican Indian / Alaska Nat	0.035121	0.021585	-0.00346	-0.00055	-0.00178
raceAmerican Indian / Alaska Nat	0.020521	0.025277	-0.00306	0.001097	-0.00009
raceAsian_3	-0.0156	-0.0079	0.004751	0.001376	-0.00116
raceAsian_2 No Asthma Escalation	-0.00466	-0.00395	0.001273	-0.00132	-0.00298
raceLatino_3	-0.01891	-0.013	0.0018	0.001416	0.001891
raceLatino_2 No Asthma Escalatio	-0.00751	-0.01169	0.00002	-0.00075	-0.00064
raceMultiracial / Other_3	0.02619	0.017139	-0.00883	-0.00878	0.001314
raceMultiracial / Other_2 No Ast	0.004793	0.004856	-0.0054	-0.00528	0.00393
childhhNo Children in HH_3	-0.01507	-0.0102	0.001448	0.001629	0.003227
childhhNo Children in HH_2 No As	-0.01018	-0.00883	0.001284	0.00139	0.002444
pfpl0-99% FPL_3	0.000756	-0.00067	0.000544	0.000302	-0.00051
pfpl0-99% FPL_2 No Asthma Escala	0.002189	0.001043	0.000433	-0.00013	-0.00112

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Estimated Covariance Matrix				
Parameter	lateradultYoung / Middle Aged_2	CITIZEN2Non-Citizen_3	CITIZEN2Non-Citizen_2 No Asthma	CITIZEN2US-Born Citizen_3
Intercept_3	-0.01182	0.01072	0.004036	-0.01339
Intercept_2 No Asthma Escalation	-0.01117	0.009143	0.008631	-0.01045
SRSEXFemale_3	0.00273	0.003138	0.000887	0.000251
SRSEXFemale_2 No Asthma Escalati	0.002735	0.002481	0.001385	0.000445
lateradultYoung / Middle Aged_3	0.007036	0.001318	0.003058	-0.0006
lateradultYoung / Middle Aged_2	0.007875	0.000755	0.001451	-0.00031
CITIZEN2Non-Citizen_3	0.000755	0.048903	0.043624	-0.01741
CITIZEN2Non-Citizen_2 No Asthma	0.001451	0.043624	0.053109	-0.01669
CITIZEN2US-Born Citizen_3	-0.00031	-0.01741	-0.01669	0.024022
CITIZEN2US-Born Citizen_2 No Ast	-0.00108	-0.01883	-0.02325	0.020571
raceAfrican American_3	-0.00214	-0.00342	-0.00407	-0.00336
raceAfrican American_2 No Asthma	0.000663	0.001185	-0.00037	-0.00563
raceAmerican Indian / Alaska Nat	-0.0049	-0.00151	0.001177	0.001087
raceAmerican Indian / Alaska Nat	-0.00186	0.000816	0.004321	0.000435
raceAsian_3	-0.0024	0.010791	0.010219	0.013962
raceAsian_2 No Asthma Escalation	-0.00413	0.001262	-0.00002	0.014853
raceLatino_3	0.00337	-0.00264	-0.00156	-0.00017
raceLatino_2 No Asthma Escalatio	0.001077	-0.00504	-0.00641	0.002062
raceMultiracial / Other_3	0.001912	-0.00585	-0.00901	-0.00524
raceMultiracial / Other_2 No Ast	0.001785	-0.00158	-0.00074	-0.00482
childhhNo Children in HH_3	0.00246	-0.00084	0.00196	-0.00091
childhhNo Children in HH_2 No As	0.002937	0.001039	0.002289	-0.00167
pfpI0-99% FPL_3	-0.00054	-0.00392	-0.00591	0.001045
pfpI0-99% FPL_2 No Asthma Escala	-0.00112	-0.00317	-0.00563	0.00004

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Estimated Covariance Matrix						
Parameter	CITIZEN2US-Born Citizen_2 No Ast	raceAfrican American_3	raceAfrican American_2 No Asthma	raceAmerican Indian / Alaska Nat	raceAmerican Indian / Alaska Nat	raceAsian_3
Intercept_3	-0.00615	-0.00233	-0.00102	0.035121	0.020521	-0.0156
Intercept_2 No Asthma Escalation	-0.01094	-0.00086	-0.00217	0.021585	0.025277	-0.0079
SRSEXFemale_3	-0.00018	-0.00041	0.003091	-0.00346	-0.00306	0.004751
SRSEXFemale_2 No Asthma Escalati	-0.00037	0.001411	0.002886	-0.00055	0.001097	0.001376
lateradultYoung / Middle Aged_3	-0.00145	-0.00334	-0.00112	-0.00178	-0.00009	-0.00116
lateradultYoung / Middle Aged_2	-0.00108	-0.00214	0.000663	-0.0049	-0.00186	-0.0024
CITIZEN2Non-Citizen_3	-0.01883	-0.00342	0.001185	-0.00151	0.000816	0.010791
CITIZEN2Non-Citizen_2 No Asthma	-0.02325	-0.00407	-0.00037	0.001177	0.004321	0.010219
CITIZEN2US-Born Citizen_3	0.020571	-0.00336	-0.00563	0.001087	0.000435	0.013962
CITIZEN2US-Born Citizen_2 No Ast	0.026962	-0.00203	-0.00813	0.007216	0.002516	0.005993
raceAfrican American_3	-0.00203	0.054908	0.025785	-0.05387	-0.0288	-0.00603
raceAfrican American_2 No Asthma	-0.00813	0.025785	0.031827	-0.04249	-0.03898	-0.00139
raceAmerican Indian / Alaska Nat	0.007216	-0.05387	-0.04249	0.272613	0.179829	-0.06817
raceAmerican Indian / Alaska Nat	0.002516	-0.0288	-0.03898	0.179829	0.196568	-0.0462
raceAsian_3	0.005993	-0.00603	-0.00139	-0.06817	-0.0462	0.100149
raceAsian_2 No Asthma Escalation	0.014107	-0.00294	-0.00501	-0.03774	-0.03636	0.066837
raceLatino_3	-0.00232	-0.00099	0.001657	-0.03824	-0.02725	-0.00085
raceLatino_2 No Asthma Escalatio	0.003146	-0.00013	0.002845	-0.02488	-0.03497	-0.00319
raceMultiracial / Other_3	-0.00096	-0.0016	0.006697	-0.0658	-0.04455	-0.0289
raceMultiracial / Other_2 No Ast	-0.00372	0.001651	0.000532	-0.04214	-0.04962	-0.01663
childhhNo Children in HH_3	-0.00212	-0.00068	-0.00317	0.002055	0.00467	0.001861
childhhNo Children in HH_2 No As	-0.00287	-0.00057	-0.00103	-0.00144	0.000335	0.000871
pfpl0-99% FPL_3	0.002223	0.001232	-0.0008	-0.00324	-0.00208	0.000298
pfpl0-99% FPL_2 No Asthma Escala	0.001705	0.00142	-0.00028	-0.00352	-0.00505	-0.0011

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Estimated Covariance Matrix					
Parameter	raceAsian_2 No Asthma Escalation	raceLatino_3	raceLatino_2 No Asthma Escalatio	raceMultiracial / Other_3	raceMultiracial / Other_2 No Ast
Intercept_3	-0.00466	-0.01891	-0.00751	0.02619	0.004793
Intercept_2 No Asthma Escalation	-0.00395	-0.013	-0.01169	0.017139	0.004856
SRSEXFemale_3	0.001273	0.0018	0.00002	-0.00883	-0.0054
SRSEXFemale_2 No Asthma Escalati	-0.00132	0.001416	-0.00075	-0.00878	-0.00528
lateradultYoung / Middle Aged_3	-0.00298	0.001891	-0.00064	0.001314	0.00393
lateradultYoung / Middle Aged_2	-0.00413	0.00337	0.001077	0.001912	0.001785
CITIZEN2Non-Citizen_3	0.001262	-0.00264	-0.00504	-0.00585	-0.00158
CITIZEN2Non-Citizen_2 No Asthma	-0.00002	-0.00156	-0.00641	-0.00901	-0.00074
CITIZEN2US-Born Citizen_3	0.014853	-0.00017	0.002062	-0.00524	-0.00482
CITIZEN2US-Born Citizen_2 No Ast	0.014107	-0.00232	0.003146	-0.00096	-0.00372
raceAfrican American_3	-0.00294	-0.00099	-0.00013	-0.0016	0.001651
raceAfrican American_2 No Asthma	-0.00501	0.001657	0.002845	0.006697	0.000532
raceAmerican Indian / Alaska Nat	-0.03774	-0.03824	-0.02488	-0.0658	-0.04214
raceAmerican Indian / Alaska Nat	-0.03636	-0.02725	-0.03497	-0.04455	-0.04962
raceAsian_3	0.066837	-0.00085	-0.00319	-0.0289	-0.01663
raceAsian_2 No Asthma Escalation	0.069357	-0.00514	-0.00293	-0.01895	-0.02071
raceLatino_3	-0.00514	0.03061	0.020385	-0.00559	0.000016
raceLatino_2 No Asthma Escalatio	-0.00293	0.020385	0.026044	-0.00108	-0.00078
raceMultiracial / Other_3	-0.01895	-0.00559	-0.00108	0.117377	0.065857
raceMultiracial / Other_2 No Ast	-0.02071	0.000016	-0.00078	0.065857	0.073389
childhhNo Children in HH_3	-0.0003	0.002082	-0.00136	-0.00961	-0.00228
childhhNo Children in HH_2 No As	-0.00068	0.001977	-0.0003	-0.00374	-0.00011
pfpl0-99% FPL_3	0.003155	-0.00052	-0.00079	-0.0014	-0.00197
pfpl0-99% FPL_2 No Asthma Escala	0.000765	-0.00069	0.000252	0.001983	0.001919

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Estimated Covariance Matrix						
Parameter	childhhNo Children in HH_3	childhhNo Children in HH_2 No As	pfpl0-99% FPL_3	pfpl0-99% FPL_2 No Asthma Escala	INSYes_3	INSYes_2 No Asthma Escalation
Intercept_3	-0.01507	-0.01018	0.000756	0.002189	-0.02349	-0.02207
Intercept_2 No Asthma Escalation	-0.0102	-0.00883	-0.00067	0.001043	-0.01751	-0.01969
SRSEXFemale_3	0.001448	0.001284	0.000544	0.000433	0.000787	0.002001
SRSEXFemale_2 No Asthma Escalati	0.001629	0.00139	0.000302	-0.00013	0.000524	0.000872
lateradultYoung / Middle Aged_3	0.003227	0.002444	-0.00051	-0.00112	0.005228	0.003981
lateradultYoung / Middle Aged_2	0.00246	0.002937	-0.00054	-0.00112	0.003999	0.004028
CITIZEN2Non-Citizen_3	-0.00084	0.001039	-0.00392	-0.00317	0.002705	0.002792
CITIZEN2Non-Citizen_2 No Asthma	0.00196	0.002289	-0.00591	-0.00563	0.006606	0.006639
CITIZEN2US-Born Citizen_3	-0.00091	-0.00167	0.001045	0.00004	-0.00207	-0.00089
CITIZEN2US-Born Citizen_2 No Ast	-0.00212	-0.00287	0.002223	0.001705	-0.0032	-0.00246
raceAfrican American_3	-0.00068	-0.00057	0.001232	0.00142	-0.00407	-0.00389
raceAfrican American_2 No Asthma	-0.00317	-0.00103	-0.0008	-0.00028	-0.0049	-0.00321
raceAmerican Indian / Alaska Nat	0.002055	-0.00144	-0.00324	-0.00352	0.006499	0.006981
raceAmerican Indian / Alaska Nat	0.00467	0.000335	-0.00208	-0.00505	0.005568	0.006314
raceAsian_3	0.001861	0.000871	0.000298	-0.0011	0.003769	0.004724
raceAsian_2 No Asthma Escalation	-0.0003	-0.00068	0.003155	0.000765	0.000054	-0.00086
raceLatino_3	0.002082	0.001977	-0.00052	-0.00069	0.001938	0.002058
raceLatino_2 No Asthma Escalatio	-0.00136	-0.0003	-0.00079	0.000252	-0.00138	-0.0006
raceMultiracial / Other_3	-0.00961	-0.00374	-0.0014	0.001983	-0.01051	-0.01207
raceMultiracial / Other_2 No Ast	-0.00228	-0.00011	-0.00197	0.001919	0.000982	-0.00096
childhhNo Children in HH_3	0.012522	0.008963	0.001014	0.000521	0.005805	0.005762
childhhNo Children in HH_2 No As	0.008963	0.009002	0.000383	0.000442	0.004014	0.004816
pfpl0-99% FPL_3	0.001014	0.000383	0.008976	0.005131	-0.00067	-0.00146
pfpl0-99% FPL_2 No Asthma Escala	0.000521	0.000442	0.005131	0.005554	-0.00158	-0.00141

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Estimated Covariance Matrix					
Parameter	Intercept_3	Intercept_2 No Asthma Escalation	SRSEXFemale_3	SRSEXFemale_2 No Asthma Escalati	lateradultYoung / Middle Aged_3
INSYes_3	-0.02349	-0.01751	0.000787	0.000524	0.005228
INSYes_2 No Asthma Escalation	-0.02207	-0.01969	0.002001	0.000872	0.003981

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Estimated Covariance Matrix				
Parameter	lateradultYoung / Middle Aged_2	CITIZEN2Non-Citizen_3	CITIZEN2Non-Citizen_2 No Asthma	CITIZEN2US-Born Citizen_3
INSYes_3	0.003999	0.002705	0.006606	-0.00207
INSYes_2 No Asthma Escalation	0.004028	0.002792	0.006639	-0.00089

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Domain Analysis for domain analyzeData=1

Estimated Covariance Matrix						
Parameter	CITIZEN2US-Born Citizen_2 No Ast	raceAfrican American_3	raceAfrican American_2 No Asthma	raceAmerican Indian / Alaska Nat	raceAmerican Indian / Alaska Nat	raceAsian_3
INSYes_3	-0.0032	-0.00407	-0.0049	0.006499	0.005568	0.003769
INSYes_2 No Asthma Escalation	-0.00246	-0.00389	-0.00321	0.006981	0.006314	0.004724

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Estimated Covariance Matrix					
Parameter	raceAsian_2 No Asthma Escalation	raceLatino_3	raceLatino_2 No Asthma Escalatio	raceMultiracial / Other_3	raceMultiracial / Other_2 No Ast
INSYes_3	0.000054	0.001938	-0.00138	-0.01051	0.000982
INSYes_2 No Asthma Escalation	-0.00086	0.002058	-0.0006	-0.01207	-0.00096

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Domain Analysis for domain analyzeData=1

Estimated Covariance Matrix						
Parameter	childhhNo Children in HH_3	childhhNo Children in HH_2 No As	pfpl0-99% FPL_3	pfpl0-99% FPL_2 No Asthma Escala	INSYes_3	INSYes_2 No Asthma Escalation
INSYes_3	0.005805	0.004014	-0.00067	-0.00158	0.021655	0.018701
INSYes_2 No Asthma Escalation	0.005762	0.004816	-0.00146	-0.00141	0.018701	0.021355

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Domain Analysis for domain analyzeData=1

Estimated Correlation Matrix					
Parameter	Intercept_3	Intercept_2 No Asthma Escalation	SRSEXFemale_3	SRSEXFemale_2 No Asthma Escalati	lateradultYoung / Middle Aged_3
Intercept_3	1.0000	0.8371	-0.3890	-0.3758	-0.4953
Intercept_2 No Asthma Escalation	0.8371	1.0000	-0.4092	-0.3924	-0.3963
SRSEXFemale_3	-0.3890	-0.4092	1.0000	0.8494	0.2198
SRSEXFemale_2 No Asthma Escalati	-0.3758	-0.3924	0.8494	1.0000	0.2678
lateradultYoung / Middle Aged_3	-0.4953	-0.3963	0.2198	0.2678	1.0000
lateradultYoung / Middle Aged_2	-0.4942	-0.5572	0.3055	0.3420	0.8083
CITIZEN2Non-Citizen_3	0.1799	0.1831	0.1409	0.1245	0.0608
CITIZEN2Non-Citizen_2 No Asthma	0.0650	0.1659	0.0382	0.0667	0.1352
CITIZEN2US-Born Citizen_3	-0.3206	-0.2985	0.0161	0.0318	-0.0394
CITIZEN2US-Born Citizen_2 No Ast	-0.1389	-0.2949	-0.0106	-0.0253	-0.0897
raceAfrican American_3	-0.0369	-0.0162	-0.0173	0.0668	-0.1455
raceAfrican American_2 No Asthma	-0.0212	-0.0538	0.1721	0.1795	-0.0641
raceAmerican Indian / Alaska Nat	0.2497	0.1831	-0.0658	-0.0118	-0.0347
raceAmerican Indian / Alaska Nat	0.1718	0.2525	-0.0685	0.0274	-0.0021
raceAsian_3	-0.1830	-0.1105	0.1491	0.0482	-0.0373
raceAsian_2 No Asthma Escalation	-0.0657	-0.0664	0.0480	-0.0558	-0.1154
raceLatino_3	-0.4012	-0.3291	0.1022	0.0898	0.1102
raceLatino_2 No Asthma Escalatio	-0.1726	-0.3207	0.0012	-0.0514	-0.0406
raceMultiracial / Other_3	0.2837	0.2215	-0.2561	-0.2844	0.0391
raceMultiracial / Other_2 No Ast	0.0657	0.0794	-0.1979	-0.2160	0.1479
childhhNo Children in HH_3	-0.4998	-0.4037	0.1285	0.1615	0.2940
childhhNo Children in HH_2 No As	-0.3983	-0.4120	0.1344	0.1625	0.2626
pfpl0-99% FPL_3	0.0296	-0.0311	0.0570	0.0354	-0.0545
pfpl0-99% FPL_2 No Asthma Escala	0.1090	0.0620	0.0577	-0.0192	-0.1533

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Domain Analysis for domain analyzeData=1

Estimated Correlation Matrix				
Parameter	lateradultYoung / Middle Aged_2	CITIZEN2Non-Citizen_3	CITIZEN2Non-Citizen_2 No Asthma	CITIZEN2US-Born Citizen_3
Intercept_3	-0.4942	0.1799	0.0650	-0.3206
Intercept_2 No Asthma Escalation	-0.5572	0.1831	0.1659	-0.2985
SRSEXFemale_3	0.3055	0.1409	0.0382	0.0161
SRSEXFemale_2 No Asthma Escalati	0.3420	0.1245	0.0667	0.0318
lateradultYoung / Middle Aged_3	0.8083	0.0608	0.1352	-0.0394
lateradultYoung / Middle Aged_2	1.0000	0.0385	0.0709	-0.0223
CITIZEN2Non-Citizen_3	0.0385	1.0000	0.8560	-0.5079
CITIZEN2Non-Citizen_2 No Asthma	0.0709	0.8560	1.0000	-0.4674
CITIZEN2US-Born Citizen_3	-0.0223	-0.5079	-0.4674	1.0000
CITIZEN2US-Born Citizen_2 No Ast	-0.0738	-0.5185	-0.6145	0.8083
raceAfrican American_3	-0.1031	-0.0660	-0.0753	-0.0925
raceAfrican American_2 No Asthma	0.0419	0.0300	-0.0090	-0.2037
raceAmerican Indian / Alaska Nat	-0.1057	-0.0131	0.0098	0.0134
raceAmerican Indian / Alaska Nat	-0.0472	0.0083	0.0423	0.0063
raceAsian_3	-0.0853	0.1542	0.1401	0.2846
raceAsian_2 No Asthma Escalation	-0.1766	0.0217	-0.0003	0.3639
raceLatino_3	0.2170	-0.0683	-0.0387	-0.0061
raceLatino_2 No Asthma Escalatio	0.0752	-0.1414	-0.1724	0.0824
raceMultiracial / Other_3	0.0629	-0.0772	-0.1141	-0.0987
raceMultiracial / Other_2 No Ast	0.0743	-0.0264	-0.0119	-0.1148
childhhNo Children in HH_3	0.2478	-0.0339	0.0760	-0.0525
childhhNo Children in HH_2 No As	0.3488	0.0495	0.1047	-0.1135
pfpI0-99% FPL_3	-0.0646	-0.1872	-0.2707	0.0712
pfpI0-99% FPL_2 No Asthma Escala	-0.1699	-0.1925	-0.3278	0.0035

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Domain Analysis for domain analyzeData=1

Estimated Correlation Matrix						
Parameter	CITIZEN2US-Born Citizen_2 No Ast	raceAfrican American_3	raceAfrican American_2 No Asthma	raceAmerican Indian / Alaska Nat	raceAmerican Indian / Alaska Nat	raceAsian_3
Intercept_3	-0.1389	-0.0369	-0.0212	0.2497	0.1718	-0.1830
Intercept_2 No Asthma Escalation	-0.2949	-0.0162	-0.0538	0.1831	0.2525	-0.1105
SRSEXFemale_3	-0.0106	-0.0173	0.1721	-0.0658	-0.0685	0.1491
SRSEXFemale_2 No Asthma Escalati	-0.0253	0.0668	0.1795	-0.0118	0.0274	0.0482
lateradultYoung / Middle Aged_3	-0.0897	-0.1455	-0.0641	-0.0347	-0.0021	-0.0373
lateradultYoung / Middle Aged_2	-0.0738	-0.1031	0.0419	-0.1057	-0.0472	-0.0853
CITIZEN2Non-Citizen_3	-0.5185	-0.0660	0.0300	-0.0131	0.0083	0.1542
CITIZEN2Non-Citizen_2 No Asthma	-0.6145	-0.0753	-0.0090	0.0098	0.0423	0.1401
CITIZEN2US-Born Citizen_3	0.8083	-0.0925	-0.2037	0.0134	0.0063	0.2846
CITIZEN2US-Born Citizen_2 No Ast	1.0000	-0.0529	-0.2776	0.0842	0.0346	0.1153
raceAfrican American_3	-0.0529	1.0000	0.6168	-0.4403	-0.2772	-0.0813
raceAfrican American_2 No Asthma	-0.2776	0.6168	1.0000	-0.4561	-0.4928	-0.0246
raceAmerican Indian / Alaska Nat	0.0842	-0.4403	-0.4561	1.0000	0.7768	-0.4126
raceAmerican Indian / Alaska Nat	0.0346	-0.2772	-0.4928	0.7768	1.0000	-0.3293
raceAsian_3	0.1153	-0.0813	-0.0246	-0.4126	-0.3293	1.0000
raceAsian_2 No Asthma Escalation	0.3262	-0.0476	-0.1066	-0.2745	-0.3114	0.8020
raceLatino_3	-0.0806	-0.0241	0.0531	-0.4186	-0.3513	-0.0153
raceLatino_2 No Asthma Escalatio	0.1187	-0.0035	0.0988	-0.2953	-0.4887	-0.0624
raceMultiracial / Other_3	-0.0171	-0.0199	0.1096	-0.3679	-0.2933	-0.2666
raceMultiracial / Other_2 No Ast	-0.0837	0.0260	0.0110	-0.2979	-0.4131	-0.1940
childhhNo Children in HH_3	-0.1153	-0.0259	-0.1586	0.0352	0.0941	0.0526
childhhNo Children in HH_2 No As	-0.1840	-0.0256	-0.0610	-0.0290	0.0080	0.0290
pfpl0-99% FPL_3	0.1429	0.0555	-0.0475	-0.0655	-0.0496	0.0099
pfpl0-99% FPL_2 No Asthma Escala	0.1394	0.0813	-0.0211	-0.0904	-0.1527	-0.0466

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Domain Analysis for domain analyzeData=1

Estimated Correlation Matrix					
Parameter	raceAsian_2 No Asthma Escalation	raceLatino_3	raceLatino_2 No Asthma Escalatio	raceMultiracial / Other_3	raceMultiracial / Other_2 No Ast
Intercept_3	-0.0657	-0.4012	-0.1726	0.2837	0.0657
Intercept_2 No Asthma Escalation	-0.0664	-0.3291	-0.3207	0.2215	0.0794
SRSEXFemale_3	0.0480	0.1022	0.0012	-0.2561	-0.1979
SRSEXFemale_2 No Asthma Escalati	-0.0558	0.0898	-0.0514	-0.2844	-0.2160
lateradultYoung / Middle Aged_3	-0.1154	0.1102	-0.0406	0.0391	0.1479
lateradultYoung / Middle Aged_2	-0.1766	0.2170	0.0752	0.0629	0.0743
CITIZEN2Non-Citizen_3	0.0217	-0.0683	-0.1414	-0.0772	-0.0264
CITIZEN2Non-Citizen_2 No Asthma	-0.0003	-0.0387	-0.1724	-0.1141	-0.0119
CITIZEN2US-Born Citizen_3	0.3639	-0.0061	0.0824	-0.0987	-0.1148
CITIZEN2US-Born Citizen_2 No Ast	0.3262	-0.0806	0.1187	-0.0171	-0.0837
raceAfrican American_3	-0.0476	-0.0241	-0.0035	-0.0199	0.0260
raceAfrican American_2 No Asthma	-0.1066	0.0531	0.0988	0.1096	0.0110
raceAmerican Indian / Alaska Nat	-0.2745	-0.4186	-0.2953	-0.3679	-0.2979
raceAmerican Indian / Alaska Nat	-0.3114	-0.3513	-0.4887	-0.2933	-0.4131
raceAsian_3	0.8020	-0.0153	-0.0624	-0.2666	-0.1940
raceAsian_2 No Asthma Escalation	1.0000	-0.1114	-0.0690	-0.2100	-0.2903
raceLatino_3	-0.1114	1.0000	0.7220	-0.0933	0.0003
raceLatino_2 No Asthma Escalatio	-0.0690	0.7220	1.0000	-0.0196	-0.0179
raceMultiracial / Other_3	-0.2100	-0.0933	-0.0196	1.0000	0.7096
raceMultiracial / Other_2 No Ast	-0.2903	0.0003	-0.0179	0.7096	1.0000
childhhNo Children in HH_3	-0.0101	0.1064	-0.0755	-0.2507	-0.0751
childhhNo Children in HH_2 No As	-0.0271	0.1191	-0.0197	-0.1151	-0.0044
pfpl0-99% FPL_3	0.1264	-0.0315	-0.0516	-0.0430	-0.0767
pfpl0-99% FPL_2 No Asthma Escala	0.0390	-0.0526	0.0209	0.0777	0.0951

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Domain Analysis for domain analyzeData=1

Estimated Correlation Matrix						
Parameter	childhhNo Children in HH_3	childhhNo Children in HH_2 No As	pfpl0-99% FPL_3	pfpl0-99% FPL_2 No Asthma Escala	INSYes_3	INSYes_2 No Asthma Escalation
Intercept_3	-0.4998	-0.3983	0.0296	0.1090	-0.5924	-0.5604
Intercept_2 No Asthma Escalation	-0.4037	-0.4120	-0.0311	0.0620	-0.5269	-0.5966
SRSEXFemale_3	0.1285	0.1344	0.0570	0.0577	0.0531	0.1360
SRSEXFemale_2 No Asthma Escalati	0.1615	0.1625	0.0354	-0.0192	0.0395	0.0662
lateradultYoung / Middle Aged_3	0.2940	0.2626	-0.0545	-0.1533	0.3622	0.2777
lateradultYoung / Middle Aged_2	0.2478	0.3488	-0.0646	-0.1699	0.3063	0.3106
CITIZEN2Non-Citizen_3	-0.0339	0.0495	-0.1872	-0.1925	0.0831	0.0864
CITIZEN2Non-Citizen_2 No Asthma	0.0760	0.1047	-0.2707	-0.3278	0.1948	0.1971
CITIZEN2US-Born Citizen_3	-0.0525	-0.1135	0.0712	0.0035	-0.0909	-0.0395
CITIZEN2US-Born Citizen_2 No Ast	-0.1153	-0.1840	0.1429	0.1394	-0.1326	-0.1023
raceAfrican American_3	-0.0259	-0.0256	0.0555	0.0813	-0.1181	-0.1137
raceAfrican American_2 No Asthma	-0.1586	-0.0610	-0.0475	-0.0211	-0.1868	-0.1233
raceAmerican Indian / Alaska Nat	0.0352	-0.0290	-0.0655	-0.0904	0.0846	0.0915
raceAmerican Indian / Alaska Nat	0.0941	0.0080	-0.0496	-0.1527	0.0853	0.0975
raceAsian_3	0.0526	0.0290	0.0099	-0.0466	0.0809	0.1022
raceAsian_2 No Asthma Escalation	-0.0101	-0.0271	0.1264	0.0390	0.0014	-0.0223
raceLatino_3	0.1064	0.1191	-0.0315	-0.0526	0.0753	0.0805
raceLatino_2 No Asthma Escalatio	-0.0755	-0.0197	-0.0516	0.0209	-0.0580	-0.0253
raceMultiracial / Other_3	-0.2507	-0.1151	-0.0430	0.0777	-0.2086	-0.2410
raceMultiracial / Other_2 No Ast	-0.0751	-0.0044	-0.0767	0.0951	0.0246	-0.0242
childhhNo Children in HH_3	1.0000	0.8442	0.0956	0.0625	0.3525	0.3523
childhhNo Children in HH_2 No As	0.8442	1.0000	0.0426	0.0625	0.2875	0.3474
pfpl0-99% FPL_3	0.0956	0.0426	1.0000	0.7267	-0.0480	-0.1058
pfpl0-99% FPL_2 No Asthma Escala	0.0625	0.0625	0.7267	1.0000	-0.1436	-0.1296

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Domain Analysis for domain analyzeData=1

Estimated Correlation Matrix					
Parameter	Intercept_3	Intercept_2 No Asthma Escalation	SRSEXFemale_3	SRSEXFemale_2 No Asthma Escalati	lateradultYoung / Middle Aged_3
INSYes_3	-0.5924	-0.5269	0.0531	0.0395	0.3622
INSYes_2 No Asthma Escalation	-0.5604	-0.5966	0.1360	0.0662	0.2777

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Domain Analysis for domain analyzeData=1

Estimated Correlation Matrix				
Parameter	lateradultYoung / Middle Aged_2	CITIZEN2Non-Citizen_3	CITIZEN2Non-Citizen_2 No Asthma	CITIZEN2US-Born Citizen_3
INSYes_3	0.3063	0.0831	0.1948	-0.0909
INSYes_2 No Asthma Escalation	0.3106	0.0864	0.1971	-0.0395

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Domain Analysis for domain analyzeData=1

Estimated Correlation Matrix						
Parameter	CITIZEN2US-Born Citizen_2 No Ast	raceAfrican American_3	raceAfrican American_2 No Asthma	raceAmerican Indian / Alaska Nat	raceAmerican Indian / Alaska Nat	raceAsian_3
INSYes_3	-0.1326	-0.1181	-0.1868	0.0846	0.0853	0.0809
INSYes_2 No Asthma Escalation	-0.1023	-0.1137	-0.1233	0.0915	0.0975	0.1022

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Domain Analysis for domain analyzeData=1

Estimated Correlation Matrix					
Parameter	raceAsian_2 No Asthma Escalation	raceLatino_3	raceLatino_2 No Asthma Escalatio	raceMultiracial / Other_3	raceMultiracial / Other_2 No Ast
INSYes_3	0.0014	0.0753	-0.0580	-0.2086	0.0246
INSYes_2 No Asthma Escalation	-0.0223	0.0805	-0.0253	-0.2410	-0.0242

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Domain Analysis for domain analyzeData=1

Estimated Correlation Matrix						
Parameter	childhhNo Children in HH_3	childhhNo Children in HH_2 No As	pfpl0-99% FPL_3	pfpl0-99% FPL_2 No Asthma Escala	INSYes_3	INSYes_2 No Asthma Escalation
INSYes_3	0.3525	0.2875	-0.0480	-0.1436	1.0000	0.8696
INSYes_2 No Asthma Escalation	0.3523	0.3474	-0.1058	-0.1296	0.8696	1.0000