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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	13590
Number of Observations Used	13590
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				
	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				

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

Model Fit Statistics		
Criterion	**Intercept Only**	**Intercept and Covariates**
AIC	4096528.6	3968911.5
SC	4096543.7	3969106.9
-2 Log L	4096524.6	3968859.5

R-Square	0.9999	Max-rescaled R-Square	0.9999

Testing Global Null Hypothesis: BETA=0			
Test	**Chi-Square**	**DF**	**Pr > ChiSq**
Likelihood Ratio	127665.143	24	<.0001
Score	138205.245	24	<.0001
Wald	128779.399	24	<.0001

Type 3 Analysis of Effects			
Effect	**DF**	**Wald Chi-Square**	**Pr > ChiSq**
SRSEX	2	22177.1802	<.0001
lateradult	2	4237.5993	<.0001
CITIZEN2	4	2644.7593	<.0001
race	10	58668.9593	<.0001
childhh	2	487.6995	<.0001
pfpl	2	11070.3788	<.0001
INS	2	2508.3499	<.0001

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Analysis of Maximum Likelihood Estimates								
Parameter		asthmaesc	DF	Estimate	Standard Error	Wald Chi-Square	Pr > ChiSq	Standardized Estimate
Intercept		3	1	0.5839	0.00811	5181.0546	<.0001	
Intercept		2 No Asthma Escalation	1	1.9813	0.00691	82154.4128	<.0001	
SRSEX	Female	3	1	-0.3904	0.00280	19387.1005	<.0001	-2.9762
SRSEX	Female	2 No Asthma Escalation	1	-0.2083	0.00251	6882.2120	<.0001	-1.5876
lateradult	Young / Middle Aged	3	1	0.1619	0.00384	1778.9497	<.0001	0.9524
lateradult	Young / Middle Aged	2 No Asthma Escalation	1	0.000943	0.00323	0.0855	0.7700	0.00555
CITIZEN2	Non-Citizen	3	1	0.0356	0.00617	33.3043	<.0001	0.1218
CITIZEN2	Non-Citizen	2 No Asthma Escalation	1	-0.0846	0.00542	243.1747	<.0001	-0.2894
CITIZEN2	US-Born Citizen	3	1	0.1043	0.00472	487.4392	<.0001	0.5417
CITIZEN2	US-Born Citizen	2 No Asthma Escalation	1	0.1785	0.00413	1865.1511	<.0001	0.9273
race	African American	3	1	-1.0720	0.00847	16029.7485	<.0001	-5.3821
race	African American	2 No Asthma Escalation	1	-0.9066	0.00648	19579.8113	<.0001	-4.5518
race	American Indian / Alaska Native	3	1	-0.2910	0.0238	149.1996	<.0001	-1.1875
race	American Indian / Alaska Native	2 No Asthma Escalation	1	0.1668	0.0191	76.2713	<.0001	0.6807
race	Asian	3	1	0.4482	0.0101	1969.7428	<.0001	2.3279
race	Asian	2 No Asthma Escalation	1	0.4848	0.00881	3029.0914	<.0001	2.5179
race	Latino	3	1	0.0446	0.00686	42.2448	<.0001	0.2978
race	Latino	2 No Asthma Escalation	1	-0.2523	0.00577	1911.8050	<.0001	-1.6854
race	Multiracial / Other	3	1	0.5474	0.0120	2069.7900	<.0001	2.4701
race	Multiracial / Other	2 No Asthma Escalation	1	0.1180	0.0108	119.0348	<.0001	0.5324
childhh	No Children in HH	3	1	0.0352	0.00292	145.0965	<.0001	0.2453
childhh	No Children in HH	2 No Asthma Escalation	1	0.0534	0.00253	444.9794	<.0001	0.3718
pfpl	0-99% FPL	3	1	-0.2338	0.00301	6024.2263	<.0001	-1.4448
pfpl	0-99% FPL	2 No Asthma Escalation	1	-0.2662	0.00253	11064.6180	<.0001	-1.6451
INS	Yes	3	1	-0.1795	0.00440	1660.3236	<.0001	-0.8228
INS	Yes	2 No Asthma Escalation	1	-0.0650	0.00400	264.0261	<.0001	-0.2979

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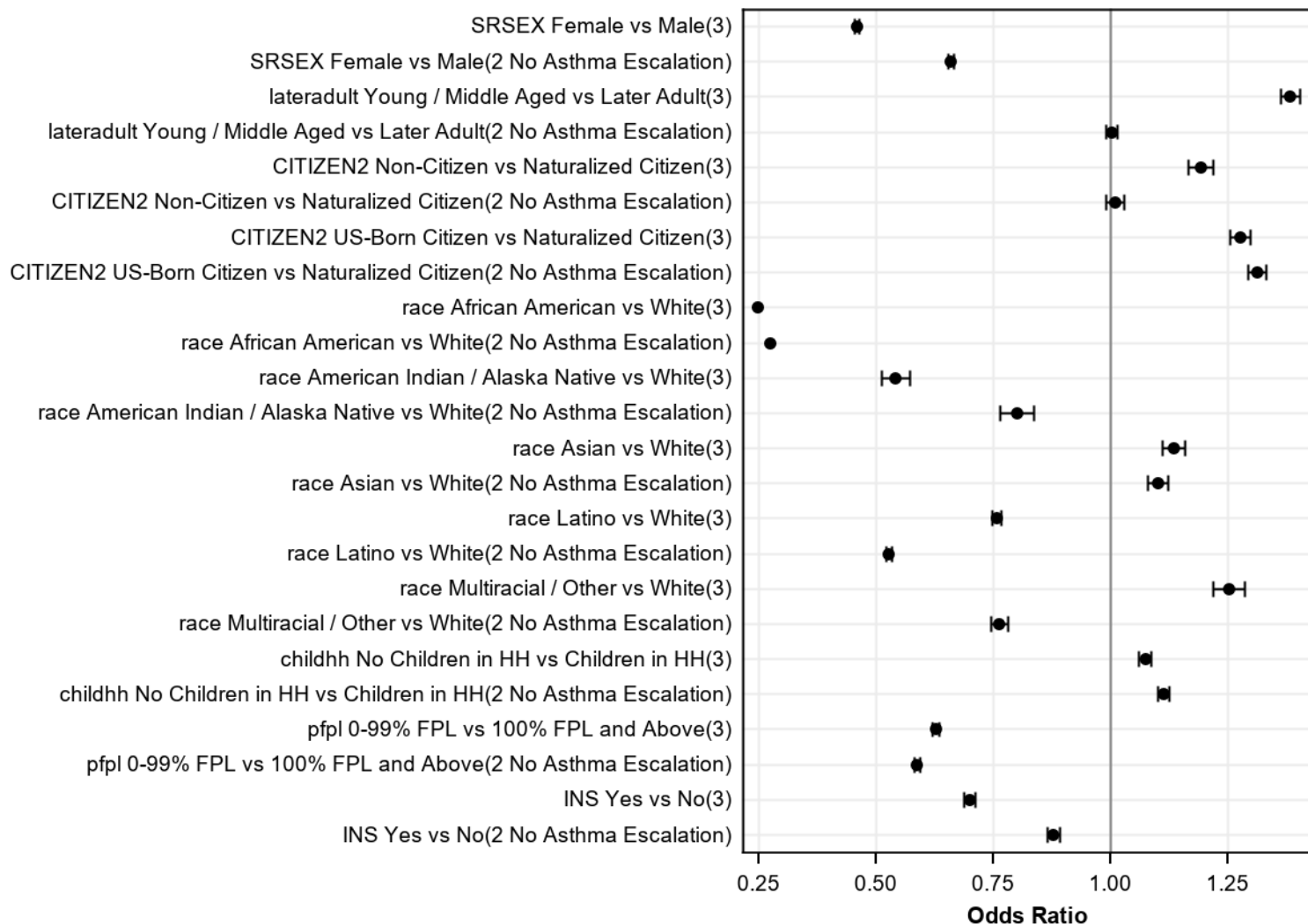*PROC SURVEYLOGISTIC - April 28, 2019*

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Odds Ratio Estimates				
Effect	**asthmaesc**	**Point Estimate**	**95% Wald Confidence Limits**	
SRSEX Female vs Male	**3**	0.458	0.453	0.463
SRSEX Female vs Male	**2 No Asthma Escalation**	0.659	0.653	0.666
lateradult Young / Middle Aged vs Later Adult	**3**	1.382	1.362	1.403
lateradult Young / Middle Aged vs Later Adult	**2 No Asthma Escalation**	1.002	0.989	1.015
CITIZEN2 Non-Citizen vs Naturalized Citizen	**3**	1.192	1.166	1.218
CITIZEN2 Non-Citizen vs Naturalized Citizen	**2 No Asthma Escalation**	1.009	0.990	1.029
CITIZEN2 US-Born Citizen vs Naturalized Citizen	**3**	1.276	1.255	1.298
CITIZEN2 US-Born Citizen vs Naturalized Citizen	**2 No Asthma Escalation**	1.313	1.294	1.332
race African American vs White	**3**	0.248	0.244	0.252
race African American vs White	**2 No Asthma Escalation**	0.274	0.270	0.277
race American Indian / Alaska Native vs White	**3**	0.541	0.512	0.573
race American Indian / Alaska Native vs White	**2 No Asthma Escalation**	0.801	0.765	0.837
race Asian vs White	**3**	1.134	1.109	1.159
race Asian vs White	**2 No Asthma Escalation**	1.100	1.079	1.122
race Latino vs White	**3**	0.757	0.747	0.767
race Latino vs White	**2 No Asthma Escalation**	0.526	0.520	0.533
race Multiracial / Other vs White	**3**	1.252	1.219	1.286
race Multiracial / Other vs White	**2 No Asthma Escalation**	0.762	0.744	0.781
childhh No Children in HH vs Children in HH	**3**	1.073	1.061	1.085
childhh No Children in HH vs Children in HH	**2 No Asthma Escalation**	1.113	1.102	1.124
pfpl 0-99% FPL vs 100% FPL and Above	**3**	0.627	0.619	0.634
pfpl 0-99% FPL vs 100% FPL and Above	**2 No Asthma Escalation**	0.587	0.581	0.593
INS Yes vs No	**3**	0.698	0.686	0.711
INS Yes vs No	**2 No Asthma Escalation**	0.878	0.864	0.892

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Odds Ratios with 95% Wald Confidence Limits

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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	0.000066	0.000043	-3.33E-6	-2.87E-6	-0.00001
Intercept_2 No Asthma Escalation	0.000043	0.000048	-2.89E-6	-3.08E-6	-7.68E-6
SRSEXFemale_3	-3.33E-6	-2.89E-6	7.863E-6	5.74E-6	5.16E-7
SRSEXFemale_2 No Asthma Escalati	-2.87E-6	-3.08E-6	5.74E-6	6.303E-6	3.448E-7
lateradultYoung / Middle Aged_3	-0.00001	-7.68E-6	5.16E-7	3.448E-7	0.000015
lateradultYoung / Middle Aged_2	-7.7E-6	-8.5E-6	3.368E-7	3.881E-7	9.474E-6
CITIZEN2Non-Citizen_3	6.797E-6	4.659E-6	8.427E-8	2.149E-8	-3.35E-7
CITIZEN2Non-Citizen_2 No Asthma	4.681E-6	5.636E-6	7.098E-9	5.429E-8	-2.71E-7
CITIZEN2US-Born Citizen_3	-0.00001	-7.54E-6	1.018E-7	6.763E-8	-1.89E-6
CITIZEN2US-Born Citizen_2 No Ast	-7.54E-6	-8.76E-6	8.587E-8	7.736E-8	-1.29E-6
raceAfrican American_3	-0.00002	-0.00001	-5.12E-7	-3.31E-7	-9.47E-7
raceAfrican American_2 No Asthma	-0.00001	-0.00001	-4.09E-7	-4.72E-7	-6.81E-7
raceAmerican Indian / Alaska Nat	0.000101	0.000058	-2.85E-7	-2.13E-7	2.186E-6
raceAmerican Indian / Alaska Nat	0.000058	0.000063	-1.66E-7	-2.08E-7	1.449E-6
raceAsian_3	-0.00002	-0.00001	7.918E-7	5.253E-7	-1.18E-6
raceAsian_2 No Asthma Escalation	-0.00001	-0.00001	5.677E-7	6.2E-7	-7.43E-7
raceLatino_3	-0.00003	-0.00002	2.474E-8	4.865E-8	-1.33E-6
raceLatino_2 No Asthma Escalatio	-0.00002	-0.00002	1.721E-8	3.833E-8	-9.2E-7
raceMultiracial / Other_3	8.218E-7	5.158E-6	-3.25E-7	-2.03E-7	-3.62E-7
raceMultiracial / Other_2 No Ast	5.124E-6	5.619E-6	-2.2E-7	-2.08E-7	-2.09E-7
childhhNo Children in HH_3	-4.99E-6	-3.29E-6	7.085E-7	4.648E-7	2.735E-6
childhhNo Children in HH_2 No As	-3.29E-6	-3.73E-6	4.667E-7	5.142E-7	1.871E-6
pfpl0-99% FPL_3	3.045E-6	1.446E-6	-5.63E-7	-3.68E-7	-4.71E-7
pfpl0-99% FPL_2 No Asthma Escala	1.463E-6	1.887E-6	-3.88E-7	-4.29E-7	-2.88E-7

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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	-7.7E-6	6.797E-6	4.681E-6	-0.00001
Intercept_2 No Asthma Escalation	-8.5E-6	4.659E-6	5.636E-6	-7.54E-6
SRSEXFemale_3	3.368E-7	8.427E-8	7.098E-9	1.018E-7
SRSEXFemale_2 No Asthma Escalati	3.881E-7	2.149E-8	5.429E-8	6.763E-8
lateradultYoung / Middle Aged_3	9.474E-6	-3.35E-7	-2.71E-7	-1.89E-6
lateradultYoung / Middle Aged_2	0.00001	-2.63E-7	-2.79E-7	-1.28E-6
CITIZEN2Non-Citizen_3	-2.63E-7	0.000038	0.000025	-0.00001
CITIZEN2Non-Citizen_2 No Asthma	-2.79E-7	0.000025	0.000029	-8.88E-6
CITIZEN2US-Born Citizen_3	-1.28E-6	-0.00001	-8.88E-6	0.000022
CITIZEN2US-Born Citizen_2 No Ast	-1.41E-6	-8.87E-6	-0.00001	0.000015
raceAfrican American_3	-7.31E-7	2.225E-6	1.495E-6	-5.46E-6
raceAfrican American_2 No Asthma	-7.34E-7	1.47E-6	1.674E-6	-3.76E-6
raceAmerican Indian / Alaska Nat	1.458E-6	2.72E-6	1.886E-6	-7.18E-6
raceAmerican Indian / Alaska Nat	1.601E-6	1.88E-6	2.12E-6	-5.01E-6
raceAsian_3	-7.19E-7	7.828E-7	6.499E-7	0.000015
raceAsian_2 No Asthma Escalation	-8.4E-7	6.121E-7	6.592E-7	0.00001
raceLatino_3	-9.29E-7	-7.5E-6	-5.21E-6	6.872E-6
raceLatino_2 No Asthma Escalatio	-1.01E-6	-5.17E-6	-5.84E-6	4.903E-6
raceMultiracial / Other_3	-2.07E-7	1.403E-6	9.178E-7	-5.11E-6
raceMultiracial / Other_2 No Ast	-2.37E-7	9.39E-7	1.069E-6	-3.63E-6
childhhNo Children in HH_3	1.868E-6	2.441E-6	1.635E-6	-2.15E-6
childhhNo Children in HH_2 No As	2.082E-6	1.628E-6	1.824E-6	-1.43E-6
pfpl0-99% FPL_3	-3.01E-7	-2.33E-6	-1.57E-6	1.665E-6
pfpl0-99% FPL_2 No Asthma Escala	-3.33E-7	-1.53E-6	-1.72E-6	1.065E-6

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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	-7.54E-6	-0.00002	-0.00001	0.000101	0.000058	-0.00002
Intercept_2 No Asthma Escalation	-8.76E-6	-0.00001	-0.00001	0.000058	0.000063	-0.00001
SRSEXFemale_3	8.587E-8	-5.12E-7	-4.09E-7	-2.85E-7	-1.66E-7	7.918E-7
SRSEXFemale_2 No Asthma Escalati	7.736E-8	-3.31E-7	-4.72E-7	-2.13E-7	-2.08E-7	5.253E-7
lateradultYoung / Middle Aged_3	-1.29E-6	-9.47E-7	-6.81E-7	2.186E-6	1.449E-6	-1.18E-6
lateradultYoung / Middle Aged_2	-1.41E-6	-7.31E-7	-7.34E-7	1.458E-6	1.601E-6	-7.19E-7
CITIZEN2Non-Citizen_3	-8.87E-6	2.225E-6	1.47E-6	2.72E-6	1.88E-6	7.828E-7
CITIZEN2Non-Citizen_2 No Asthma	-0.00001	1.495E-6	1.674E-6	1.886E-6	2.12E-6	6.499E-7
CITIZEN2US-Born Citizen_3	0.000015	-5.46E-6	-3.76E-6	-7.18E-6	-5.01E-6	0.000015
CITIZEN2US-Born Citizen_2 No Ast	0.000017	-3.76E-6	-4.2E-6	-5.02E-6	-5.58E-6	0.00001
raceAfrican American_3	-3.76E-6	0.000072	0.000036	-0.00011	-0.00006	3.819E-6
raceAfrican American_2 No Asthma	-4.2E-6	0.000036	0.000042	-0.00006	-0.00007	2.309E-6
raceAmerican Indian / Alaska Nat	-5.02E-6	-0.00011	-0.00006	0.000568	0.000333	-0.00012
raceAmerican Indian / Alaska Nat	-5.58E-6	-0.00006	-0.00007	0.000333	0.000365	-0.00007
raceAsian_3	0.00001	3.819E-6	2.309E-6	-0.00012	-0.00007	0.000102
raceAsian_2 No Asthma Escalation	0.000011	2.308E-6	2.149E-6	-0.00007	-0.00008	0.000072
raceLatino_3	4.902E-6	0.000018	0.000013	-0.00011	-0.00006	0.000017
raceLatino_2 No Asthma Escalatio	5.434E-6	0.000013	0.000013	-0.00006	-0.00007	9.144E-6
raceMultiracial / Other_3	-3.63E-6	-4.28E-6	-4.59E-6	-0.00013	-0.00008	-0.00001
raceMultiracial / Other_2 No Ast	-4.03E-6	-4.59E-6	-5.65E-6	-0.00008	-0.00009	-0.00002
childhhNo Children in HH_3	-1.43E-6	5.318E-7	2.207E-7	7.379E-7	4.333E-7	-1.75E-6
childhhNo Children in HH_2 No As	-1.59E-6	2.348E-7	2.76E-7	4.314E-7	5.037E-7	-1.1E-6
pfpl0-99% FPL_3	1.08E-6	-1.28E-6	-7.86E-7	-2.1E-6	-1.39E-6	2.594E-6
pfpl0-99% FPL_2 No Asthma Escala	1.21E-6	-8.21E-7	-9.23E-7	-1.45E-6	-1.63E-6	1.696E-6

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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	-0.00001	-0.00003	-0.00002	8.218E-7	5.124E-6
Intercept_2 No Asthma Escalation	-0.00001	-0.00002	-0.00002	5.158E-6	5.619E-6
SRSEXFemale_3	5.677E-7	2.474E-8	1.721E-8	-3.25E-7	-2.2E-7
SRSEXFemale_2 No Asthma Escalati	6.2E-7	4.865E-8	3.833E-8	-2.03E-7	-2.08E-7
lateradultYoung / Middle Aged_3	-7.43E-7	-1.33E-6	-9.2E-7	-3.62E-7	-2.09E-7
lateradultYoung / Middle Aged_2	-8.4E-7	-9.29E-7	-1.01E-6	-2.07E-7	-2.37E-7
CITIZEN2Non-Citizen_3	6.121E-7	-7.5E-6	-5.17E-6	1.403E-6	9.39E-7
CITIZEN2Non-Citizen_2 No Asthma	6.592E-7	-5.21E-6	-5.84E-6	9.178E-7	1.069E-6
CITIZEN2US-Born Citizen_3	0.00001	6.872E-6	4.903E-6	-5.11E-6	-3.63E-6
CITIZEN2US-Born Citizen_2 No Ast	0.000011	4.902E-6	5.434E-6	-3.63E-6	-4.03E-6
raceAfrican American_3	2.308E-6	0.000018	0.000013	-4.28E-6	-4.59E-6
raceAfrican American_2 No Asthma	2.149E-6	0.000013	0.000013	-4.59E-6	-5.65E-6
raceAmerican Indian / Alaska Nat	-0.00007	-0.00011	-0.00006	-0.00013	-0.00008
raceAmerican Indian / Alaska Nat	-0.00008	-0.00006	-0.00007	-0.00008	-0.00009
raceAsian_3	0.000072	0.000017	9.144E-6	-0.00001	-0.00002
raceAsian_2 No Asthma Escalation	0.000078	9.147E-6	0.00001	-0.00002	-0.00002
raceLatino_3	9.147E-6	0.000047	0.00003	-6.91E-7	-5.02E-6
raceLatino_2 No Asthma Escalatio	0.00001	0.00003	0.000033	-5.03E-6	-5.54E-6
raceMultiracial / Other_3	-0.00002	-6.91E-7	-5.03E-6	0.000145	0.000107
raceMultiracial / Other_2 No Ast	-0.00002	-5.02E-6	-5.54E-6	0.000107	0.000117
childhhNo Children in HH_3	-1.1E-6	1.179E-7	1.509E-7	4.025E-7	3.188E-7
childhhNo Children in HH_2 No As	-1.24E-6	1.45E-7	1.44E-7	3.12E-7	3.448E-7
pfpl0-99% FPL_3	1.694E-6	-1.24E-6	-8.4E-7	4.368E-7	2.56E-7
pfpl0-99% FPL_2 No Asthma Escala	1.913E-6	-8.02E-7	-8.99E-7	3.062E-7	3.456E-7

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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	-4.99E-6	-3.29E-6	3.045E-6	1.463E-6	-0.00002	-0.00001
Intercept_2 No Asthma Escalation	-3.29E-6	-3.73E-6	1.446E-6	1.887E-6	-0.00001	-0.00001
SRSEXFemale_3	7.085E-7	4.667E-7	-5.63E-7	-3.88E-7	-7.84E-7	-5.92E-7
SRSEXFemale_2 No Asthma Escalati	4.648E-7	5.142E-7	-3.68E-7	-4.29E-7	-5.96E-7	-6.58E-7
lateradultYoung / Middle Aged_3	2.735E-6	1.871E-6	-4.71E-7	-2.88E-7	2.018E-6	1.336E-6
lateradultYoung / Middle Aged_2	1.868E-6	2.082E-6	-3.01E-7	-3.33E-7	1.343E-6	1.512E-6
CITIZEN2Non-Citizen_3	2.441E-6	1.628E-6	-2.33E-6	-1.53E-6	3.039E-6	2.279E-6
CITIZEN2Non-Citizen_2 No Asthma	1.635E-6	1.824E-6	-1.57E-6	-1.72E-6	2.253E-6	2.474E-6
CITIZEN2US-Born Citizen_3	-2.15E-6	-1.43E-6	1.665E-6	1.065E-6	-1.73E-6	-1.26E-6
CITIZEN2US-Born Citizen_2 No Ast	-1.43E-6	-1.59E-6	1.08E-6	1.21E-6	-1.24E-6	-1.37E-6
raceAfrican American_3	5.318E-7	2.348E-7	-1.28E-6	-8.21E-7	-4.94E-7	-4.25E-7
raceAfrican American_2 No Asthma	2.207E-7	2.76E-7	-7.86E-7	-9.23E-7	-4.7E-7	-5.19E-7
raceAmerican Indian / Alaska Nat	7.379E-7	4.314E-7	-2.1E-6	-1.45E-6	3.61E-6	2.56E-6
raceAmerican Indian / Alaska Nat	4.333E-7	5.037E-7	-1.39E-6	-1.63E-6	2.584E-6	2.853E-6
raceAsian_3	-1.75E-6	-1.1E-6	2.594E-6	1.696E-6	-2.02E-6	-1.36E-6
raceAsian_2 No Asthma Escalation	-1.1E-6	-1.24E-6	1.694E-6	1.913E-6	-1.34E-6	-1.51E-6
raceLatino_3	1.179E-7	1.45E-7	-1.24E-6	-8.02E-7	8.796E-7	5.779E-7
raceLatino_2 No Asthma Escalatio	1.509E-7	1.44E-7	-8.4E-7	-8.99E-7	5.632E-7	6.51E-7
raceMultiracial / Other_3	4.025E-7	3.12E-7	4.368E-7	3.062E-7	-1.03E-6	-7.35E-7
raceMultiracial / Other_2 No Ast	3.188E-7	3.448E-7	2.56E-7	3.456E-7	-7.33E-7	-7.91E-7
childhhNo Children in HH_3	8.551E-6	5.692E-6	-7.18E-8	-3.85E-8	1.066E-6	6.631E-7
childhhNo Children in HH_2 No As	5.692E-6	6.406E-6	-3.75E-8	-4.45E-8	6.7E-7	7.657E-7
pfpl0-99% FPL_3	-7.18E-8	-3.75E-8	9.07E-6	5.503E-6	5.217E-7	3.258E-7
pfpl0-99% FPL_2 No Asthma Escala	-3.85E-8	-4.45E-8	5.503E-6	6.402E-6	3.043E-7	3.507E-7

The LOGISTIC 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	-0.00002	-0.00001	-7.84E-7	-5.96E-7	2.018E-6
INSYes_2 No Asthma Escalation	-0.00001	-0.00001	-5.92E-7	-6.58E-7	1.336E-6

The LOGISTIC Procedure

Estimated Covariance Matrix				
Parameter	lateradultYoung / Middle Aged_2	CITIZEN2Non-Citizen_3	CITIZEN2Non-Citizen_2 No Asthma	CITIZEN2US-Born Citizen_3
INSYes_3	1.343E-6	3.039E-6	2.253E-6	-1.73E-6
INSYes_2 No Asthma Escalation	1.512E-6	2.279E-6	2.474E-6	-1.26E-6

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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
INSYes_3	-1.24E-6	-4.94E-7	-4.7E-7	3.61E-6	2.584E-6	-2.02E-6
INSYes_2 No Asthma Escalation	-1.37E-6	-4.25E-7	-5.19E-7	2.56E-6	2.853E-6	-1.36E-6

The LOGISTIC 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	-1.34E-6	8.796E-7	5.632E-7	-1.03E-6	-7.33E-7
INSYes_2 No Asthma Escalation	-1.51E-6	5.779E-7	6.51E-7	-7.35E-7	-7.91E-7

The LOGISTIC 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	1.066E-6	6.7E-7	5.217E-7	3.043E-7	0.000019	0.000014
INSYes_2 No Asthma Escalation	6.631E-7	7.657E-7	3.258E-7	3.507E-7	0.000014	0.000016

The LOGISTIC 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	0.7618	-0.1464	-0.1408	-0.3945
Intercept_2 No Asthma Escalation	0.7618	1.0000	-0.1493	-0.1775	-0.2893
SRSEXFemale_3	-0.1464	-0.1493	1.0000	0.8154	0.0479
SRSEXFemale_2 No Asthma Escalati	-0.1408	-0.1775	0.8154	1.0000	0.0358
lateradultYoung / Middle Aged_3	-0.3945	-0.2893	0.0479	0.0358	1.0000
lateradultYoung / Middle Aged_2	-0.2943	-0.3811	0.0372	0.0479	0.7646
CITIZEN2Non-Citizen_3	0.1358	0.1092	0.0049	0.0014	-0.0141
CITIZEN2Non-Citizen_2 No Asthma	0.1064	0.1503	0.0005	0.0040	-0.0130
CITIZEN2US-Born Citizen_3	-0.2981	-0.2311	0.0077	0.0057	-0.1044
CITIZEN2US-Born Citizen_2 No Ast	-0.2250	-0.3068	0.0074	0.0075	-0.0811
raceAfrican American_3	-0.2621	-0.2174	-0.0215	-0.0156	-0.0291
raceAfrican American_2 No Asthma	-0.2409	-0.2964	-0.0225	-0.0290	-0.0274
raceAmerican Indian / Alaska Nat	0.5214	0.3506	-0.0043	-0.0036	0.0239
raceAmerican Indian / Alaska Nat	0.3726	0.4788	-0.0031	-0.0043	0.0198
raceAsian_3	-0.2849	-0.1896	0.0280	0.0207	-0.0303
raceAsian_2 No Asthma Escalation	-0.1852	-0.2451	0.0230	0.0280	-0.0220
raceLatino_3	-0.6159	-0.4523	0.0013	0.0028	-0.0505
raceLatino_2 No Asthma Escalatio	-0.4583	-0.5913	0.0011	0.0026	-0.0415
raceMultiracial / Other_3	0.0084	0.0620	-0.0096	-0.0067	-0.0078
raceMultiracial / Other_2 No Ast	0.0584	0.0752	-0.0072	-0.0077	-0.0050
childhhNo Children in HH_3	-0.2103	-0.1626	0.0864	0.0633	0.2436
childhhNo Children in HH_2 No As	-0.1604	-0.2133	0.0658	0.0809	0.1925
pfpl0-99% FPL_3	0.1247	0.0695	-0.0667	-0.0487	-0.0407
pfpl0-99% FPL_2 No Asthma Escala	0.0713	0.1079	-0.0547	-0.0675	-0.0297

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	Estimated Correlation Matrix			
Parameter	**lateradultYoung / Middle Aged_2**	**CITIZEN2Non-Citizen_3**	**CITIZEN2Non-Citizen_2 No Asthma**	**CITIZEN2US-Born Citizen_3**
Intercept_3	-0.2943	0.1358	0.1064	-0.2981
Intercept_2 No Asthma Escalation	-0.3811	0.1092	0.1503	-0.2311
SRSEXFemale_3	0.0372	0.0049	0.0005	0.0077
SRSEXFemale_2 No Asthma Escalati	0.0479	0.0014	0.0040	0.0057
lateradultYoung / Middle Aged_3	0.7646	-0.0141	-0.0130	-0.1044
lateradultYoung / Middle Aged_2	1.0000	-0.0132	-0.0159	-0.0838
CITIZEN2Non-Citizen_3	-0.0132	1.0000	0.7555	-0.4425
CITIZEN2Non-Citizen_2 No Asthma	-0.0159	0.7555	1.0000	-0.3466
CITIZEN2US-Born Citizen_3	-0.0838	-0.4425	-0.3466	1.0000
CITIZEN2US-Born Citizen_2 No Ast	-0.1060	-0.3480	-0.4624	0.7687
raceAfrican American_3	-0.0268	0.0426	0.0325	-0.1366
raceAfrican American_2 No Asthma	-0.0351	0.0368	0.0476	-0.1227
raceAmerican Indian / Alaska Nat	0.0190	0.0185	0.0146	-0.0638
raceAmerican Indian / Alaska Nat	0.0260	0.0160	0.0205	-0.0555
raceAsian_3	-0.0221	0.0126	0.0119	0.3098
raceAsian_2 No Asthma Escalation	-0.0295	0.0113	0.0138	0.2470
raceLatino_3	-0.0420	-0.1773	-0.1400	0.2122
raceLatino_2 No Asthma Escalatio	-0.0543	-0.1453	-0.1866	0.1799
raceMultiracial / Other_3	-0.0053	0.0189	0.0141	-0.0900
raceMultiracial / Other_2 No Ast	-0.0068	0.0141	0.0182	-0.0711
childhhNo Children in HH_3	0.1980	0.1353	0.1030	-0.1559
childhhNo Children in HH_2 No As	0.2549	0.1043	0.1329	-0.1193
pfpl0-99% FPL_3	-0.0310	-0.1253	-0.0959	0.1170
pfpl0-99% FPL_2 No Asthma Escala	-0.0408	-0.0983	-0.1255	0.0891

The LOGISTIC 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	-0.2250	-0.2621	-0.2409	0.5214	0.3726	-0.2849
Intercept_2 No Asthma Escalation	-0.3068	-0.2174	-0.2964	0.3506	0.4788	-0.1896
SRSEXFemale_3	0.0074	-0.0215	-0.0225	-0.0043	-0.0031	0.0280
SRSEXFemale_2 No Asthma Escalati	0.0075	-0.0156	-0.0290	-0.0036	-0.0043	0.0207
lateradultYoung / Middle Aged_3	-0.0811	-0.0291	-0.0274	0.0239	0.0198	-0.0303
lateradultYoung / Middle Aged_2	-0.1060	-0.0268	-0.0351	0.0190	0.0260	-0.0221
CITIZEN2Non-Citizen_3	-0.3480	0.0426	0.0368	0.0185	0.0160	0.0126
CITIZEN2Non-Citizen_2 No Asthma	-0.4624	0.0325	0.0476	0.0146	0.0205	0.0119
CITIZEN2US-Born Citizen_3	0.7687	-0.1366	-0.1227	-0.0638	-0.0555	0.3098
CITIZEN2US-Born Citizen_2 No Ast	1.0000	-0.1075	-0.1569	-0.0510	-0.0707	0.2468
raceAfrican American_3	-0.1075	1.0000	0.6493	-0.5412	-0.3743	0.0447
raceAfrican American_2 No Asthma	-0.1569	0.6493	1.0000	-0.3921	-0.5415	0.0353
raceAmerican Indian / Alaska Nat	-0.0510	-0.5412	-0.3921	1.0000	0.7306	-0.5043
raceAmerican Indian / Alaska Nat	-0.0707	-0.3743	-0.5415	0.7306	1.0000	-0.3772
raceAsian_3	0.2468	0.0447	0.0353	-0.5043	-0.3772	1.0000
raceAsian_2 No Asthma Escalation	0.3154	0.0309	0.0377	-0.3468	-0.4727	0.8040
raceLatino_3	0.1729	0.3094	0.2916	-0.6476	-0.4666	0.2505
raceLatino_2 No Asthma Escalatio	0.2279	0.2657	0.3607	-0.4446	-0.6087	0.1569
raceMultiracial / Other_3	-0.0730	-0.0420	-0.0589	-0.4463	-0.3418	-0.1150
raceMultiracial / Other_2 No Ast	-0.0903	-0.0501	-0.0806	-0.3048	-0.4167	-0.1391
childhhNo Children in HH_3	-0.1182	0.0215	0.0116	0.0106	0.0078	-0.0592
childhhNo Children in HH_2 No As	-0.1519	0.0110	0.0168	0.0072	0.0104	-0.0430
pfpl0-99% FPL_3	0.0868	-0.0501	-0.0403	-0.0292	-0.0241	0.0853
pfpl0-99% FPL_2 No Asthma Escala	0.1157	-0.0383	-0.0563	-0.0240	-0.0337	0.0664

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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	-0.1852	-0.6159	-0.4583	0.0084	0.0584
Intercept_2 No Asthma Escalation	-0.2451	-0.4523	-0.5913	0.0620	0.0752
SRSEXFemale_3	0.0230	0.0013	0.0011	-0.0096	-0.0072
SRSEXFemale_2 No Asthma Escalati	0.0280	0.0028	0.0026	-0.0067	-0.0077
lateradultYoung / Middle Aged_3	-0.0220	-0.0505	-0.0415	-0.0078	-0.0050
lateradultYoung / Middle Aged_2	-0.0295	-0.0420	-0.0543	-0.0053	-0.0068
CITIZEN2Non-Citizen_3	0.0113	-0.1773	-0.1453	0.0189	0.0141
CITIZEN2Non-Citizen_2 No Asthma	0.0138	-0.1400	-0.1866	0.0141	0.0182
CITIZEN2US-Born Citizen_3	0.2470	0.2122	0.1799	-0.0900	-0.0711
CITIZEN2US-Born Citizen_2 No Ast	0.3154	0.1729	0.2279	-0.0730	-0.0903
raceAfrican American_3	0.0309	0.3094	0.2657	-0.0420	-0.0501
raceAfrican American_2 No Asthma	0.0377	0.2916	0.3607	-0.0589	-0.0806
raceAmerican Indian / Alaska Nat	-0.3468	-0.6476	-0.4446	-0.4463	-0.3048
raceAmerican Indian / Alaska Nat	-0.4727	-0.4666	-0.6087	-0.3418	-0.4167
raceAsian_3	0.8040	0.2505	0.1569	-0.1150	-0.1391
raceAsian_2 No Asthma Escalation	1.0000	0.1514	0.2013	-0.1432	-0.1712
raceLatino_3	0.1514	1.0000	0.7538	-0.0084	-0.0676
raceLatino_2 No Asthma Escalatio	0.2013	0.7538	1.0000	-0.0724	-0.0888
raceMultiracial / Other_3	-0.1432	-0.0084	-0.0724	1.0000	0.8188
raceMultiracial / Other_2 No Ast	-0.1712	-0.0676	-0.0888	0.8188	1.0000
childhhNo Children in HH_3	-0.0428	0.0059	0.0089	0.0114	0.0101
childhhNo Children in HH_2 No As	-0.0557	0.0083	0.0099	0.0102	0.0126
pfpl0-99% FPL_3	0.0638	-0.0600	-0.0483	0.0121	0.0079
pfpl0-99% FPL_2 No Asthma Escala	0.0858	-0.0462	-0.0616	0.0101	0.0126

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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
Estimated Correlation Matrix						
Intercept_3	-0.2103	-0.1604	0.1247	0.0713	-0.4330	-0.3561
Intercept_2 No Asthma Escalation	-0.1626	-0.2133	0.0695	0.1079	-0.3806	-0.4673
SRSEXFemale_3	0.0864	0.0658	-0.0667	-0.0547	-0.0635	-0.0528
SRSEXFemale_2 No Asthma Escalati	0.0633	0.0809	-0.0487	-0.0675	-0.0539	-0.0655
lateradultYoung / Middle Aged_3	0.2436	0.1925	-0.0407	-0.0297	0.1193	0.0870
lateradultYoung / Middle Aged_2	0.1980	0.2549	-0.0310	-0.0408	0.0945	0.1172
CITIZEN2Non-Citizen_3	0.1353	0.1043	-0.1253	-0.0983	0.1119	0.0924
CITIZEN2Non-Citizen_2 No Asthma	0.1030	0.1329	-0.0959	-0.1255	0.0943	0.1140
CITIZEN2US-Born Citizen_3	-0.1559	-0.1193	0.1170	0.0891	-0.0830	-0.0665
CITIZEN2US-Born Citizen_2 No Ast	-0.1182	-0.1519	0.0868	0.1157	-0.0682	-0.0832
raceAfrican American_3	0.0215	0.0110	-0.0501	-0.0383	-0.0133	-0.0126
raceAfrican American_2 No Asthma	0.0116	0.0168	-0.0403	-0.0563	-0.0165	-0.0200
raceAmerican Indian / Alaska Nat	0.0106	0.0072	-0.0292	-0.0240	0.0344	0.0269
raceAmerican Indian / Alaska Nat	0.0078	0.0104	-0.0241	-0.0337	0.0307	0.0373
raceAsian_3	-0.0592	-0.0430	0.0853	0.0664	-0.0455	-0.0336
raceAsian_2 No Asthma Escalation	-0.0428	-0.0557	0.0638	0.0858	-0.0345	-0.0427
raceLatino_3	0.0059	0.0083	-0.0600	-0.0462	0.0291	0.0211
raceLatino_2 No Asthma Escalatio	0.0089	0.0099	-0.0483	-0.0616	0.0222	0.0282
raceMultiracial / Other_3	0.0114	0.0102	0.0121	0.0101	-0.0195	-0.0153
raceMultiracial / Other_2 No Ast	0.0101	0.0126	0.0079	0.0126	-0.0154	-0.0183
childhhNo Children in HH_3	1.0000	0.7691	-0.0082	-0.0052	0.0828	0.0567
childhhNo Children in HH_2 No As	0.7691	1.0000	-0.0049	-0.0069	0.0601	0.0756
pfpl0-99% FPL_3	-0.0082	-0.0049	1.0000	0.7221	0.0393	0.0271
pfpl0-99% FPL_2 No Asthma Escala	-0.0052	-0.0069	0.7221	1.0000	0.0273	0.0347

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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	-0.4330	-0.3806	-0.0635	-0.0539	0.1193
INSYes_2 No Asthma Escalation	-0.3561	-0.4673	-0.0528	-0.0655	0.0870

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	Estimated Correlation Matrix			
Parameter	lateradultYoung / Middle Aged_2	CITIZEN2Non-Citizen_3	CITIZEN2Non-Citizen_2 No Asthma	CITIZEN2US-Born Citizen_3
INSYes_3	0.0945	0.1119	0.0943	-0.0830
INSYes_2 No Asthma Escalation	0.1172	0.0924	0.1140	-0.0665

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			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	-0.0682	-0.0133	-0.0165	0.0344	0.0307	-0.0455
INSYes_2 No Asthma Escalation	-0.0832	-0.0126	-0.0200	0.0269	0.0373	-0.0336

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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	-0.0345	0.0291	0.0222	-0.0195	-0.0154
INSYes_2 No Asthma Escalation	-0.0427	0.0211	0.0282	-0.0153	-0.0183

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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	0.0828	0.0601	0.0393	0.0273	1.0000	0.8140
INSYes_2 No Asthma Escalation	0.0567	0.0756	0.0271	0.0347	0.8140	1.0000

Predicted Probabilities for asthmaesc=3

At CITIZEN2=Naturalized Citizen race=White childhh=Children in HH pfpl=100% FPL and Above INS=No
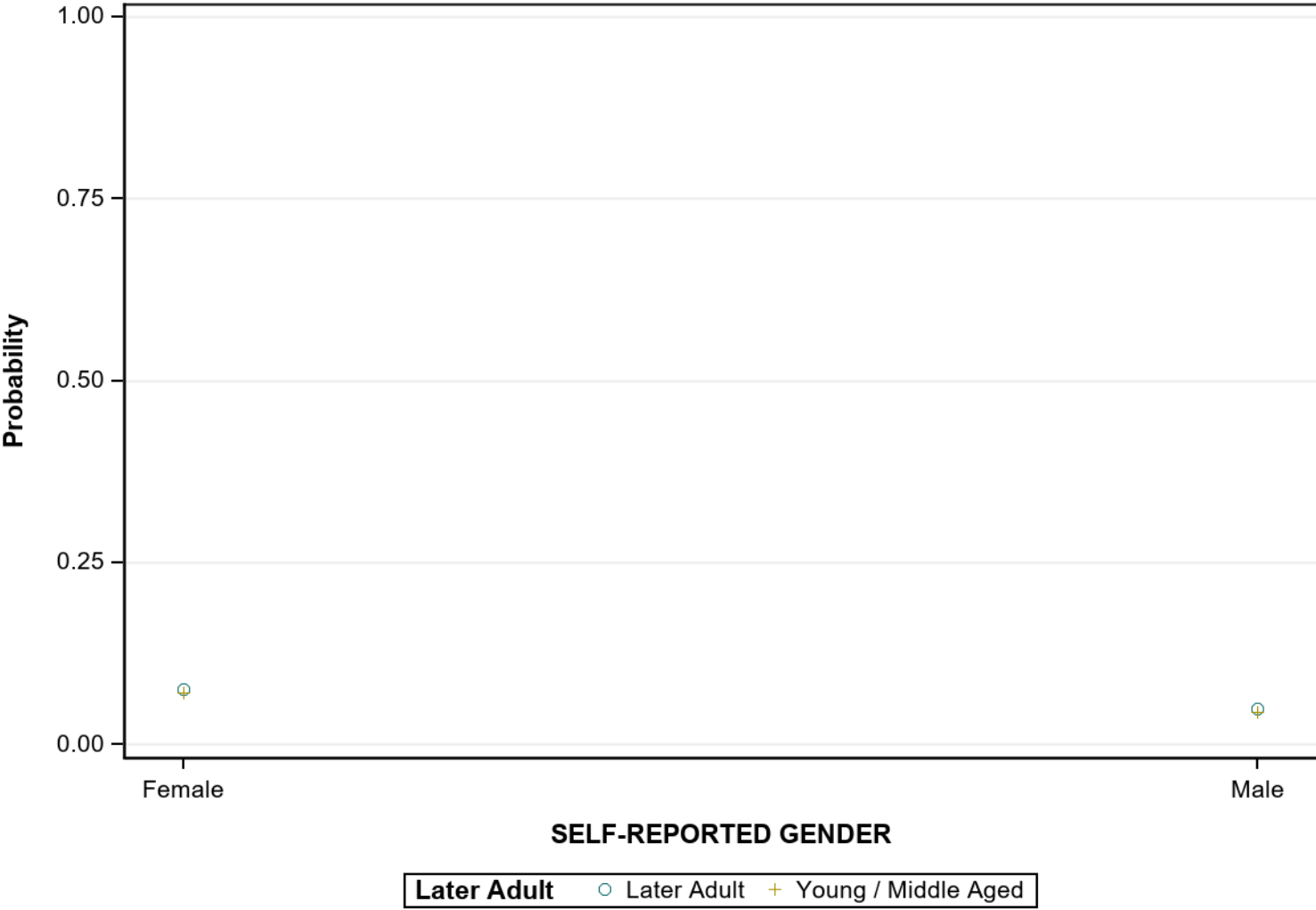
Predicted Probabilities for asthmaesc=1 Asthmatic Escalation

At CITIZEN2=Naturalized Citizen race=White childhh=Children in HH pfpl=100% FPL and Above INS=No

SELF-REPORTED GENDER
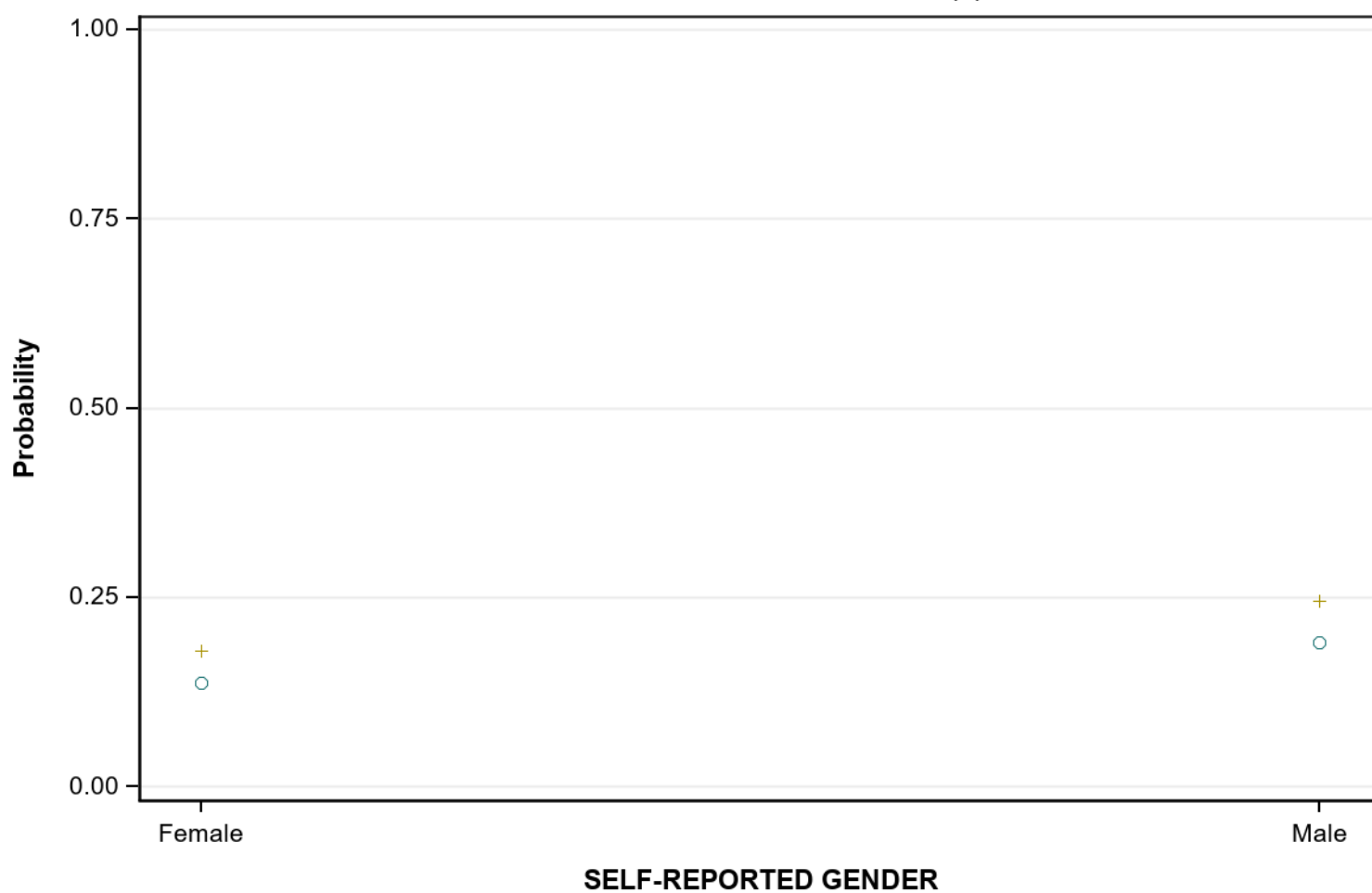
Later Adult   ○ Later Adult   + Young / Middle Aged

The LOGISTIC Procedure

Predicted Probabilities for asthmaesc=2 No Asthma Escalation

At CITIZEN2=Naturalized Citizen race=White childhh=Children in HH pfpl=100% FPL and Above INS=No