

CHIS_81_Exacerbations
CHIS CHIS_DATA_BINOMIAL_ED2
PROC SURVEYFREQ - April 28, 2019

The SURVEYFREQ Procedure

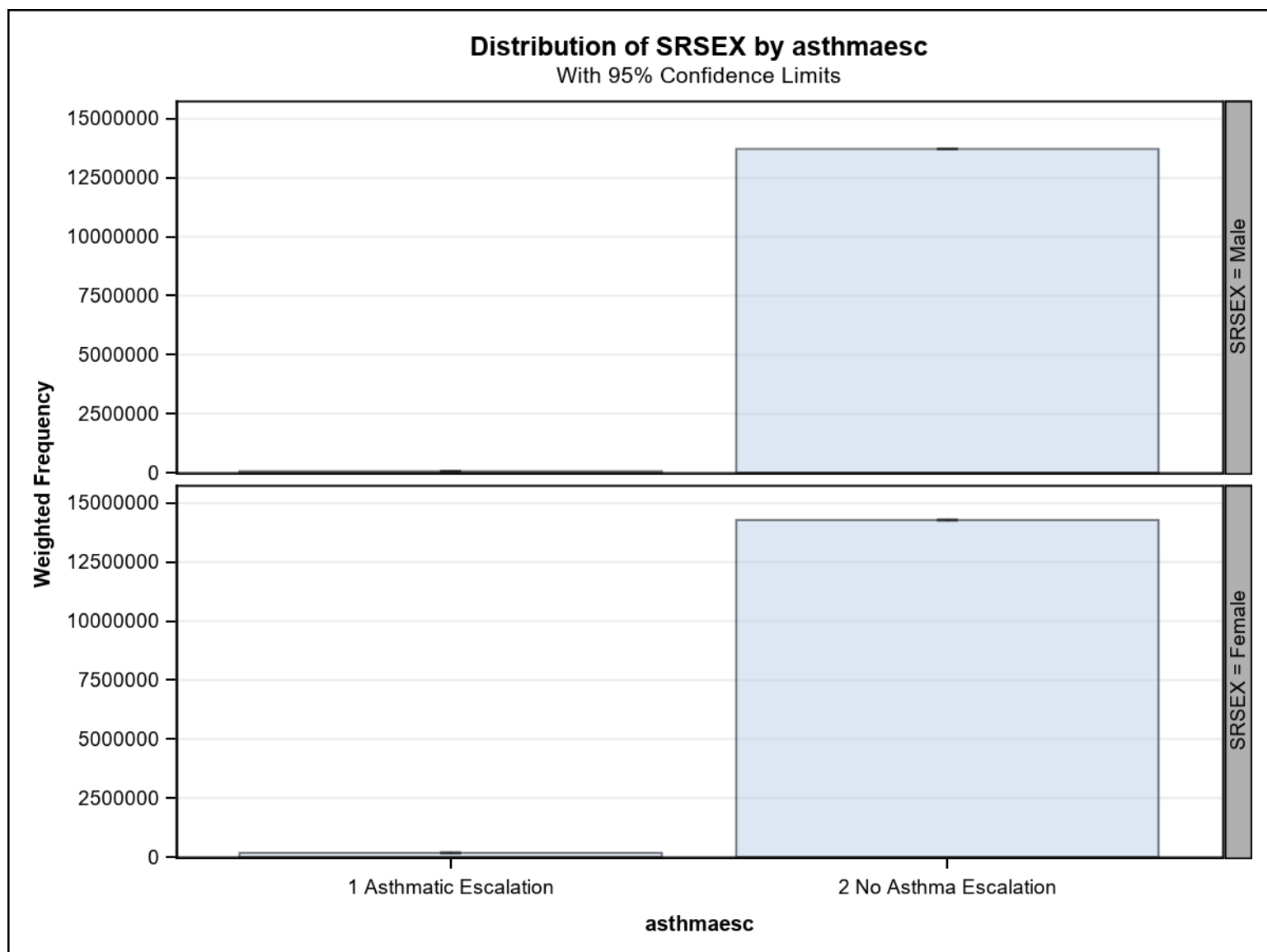
Data Summary	
Number of Observations	124521
Sum of Weights	28246633.6

Variance Estimation	
Method	Jackknife
Replicate Weights	CHIS_DATA_BINOMIAL_ED2
Number of Replicates	160

Table of SRSEX by asthmaesc						
SRSEX	asthmaesc	Frequency	Weighted Frequency	Std Err of Wgt Freq	Percent	Std Err of Percent
Male	1 Asthmatic Escalation	267	61256	8968	0.2169	0.0317
	2 No Asthma Escalation	51892	13722844	10639	48.5822	0.0352
	Total	52159	13784100	5219	48.7991	0.0124
Female	1 Asthmatic Escalation	828	176003	14287	0.6231	0.0506
	2 No Asthma Escalation	71534	14286531	14502	50.5778	0.0506
	Total	72362	14462534	4218	51.2009	0.0124
Total	1 Asthmatic Escalation	1095	237259	16258	0.8400	0.0576
	2 No Asthma Escalation	123426	28009375	17475	99.1600	0.0576
	Total	124521	28246634	6429	100.0000	

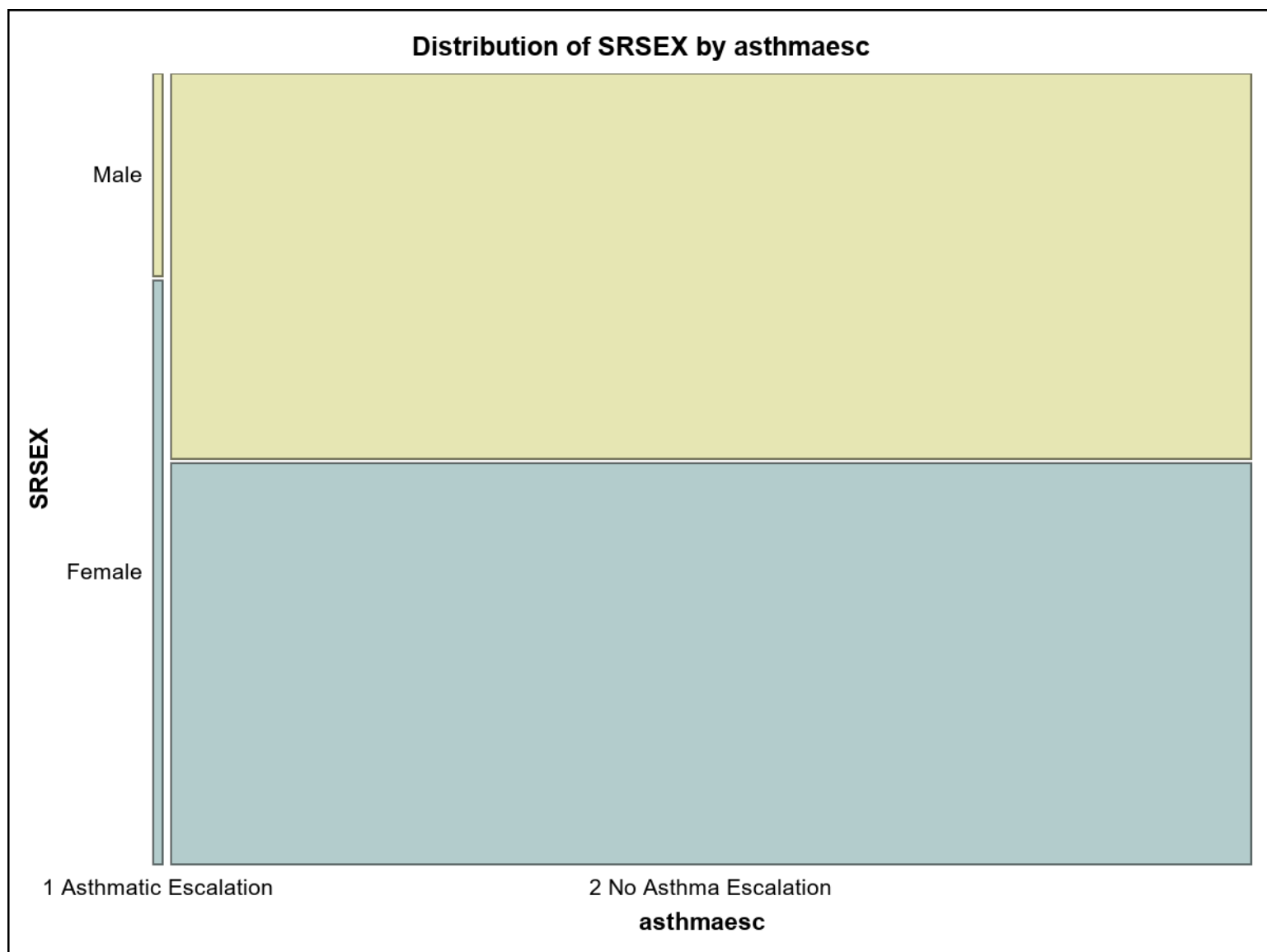
CHIS_81_Exacerbations
CHIS CHIS_DATA_BINOMIAL_ED2
PROC SURVEYFREQ - April 28, 2019

The SURVEYFREQ Procedure



CHIS_81_Exacerbations
 CHIS CHIS_DATA_BINOMIAL_ED2
 PROC SURVEYFREQ - April 28, 2019

The SURVEYFREQ Procedure



Rao-Scott Chi-Square Test	
Pearson Chi-Square	222.9501
Design Correction	6.0351
Rao-Scott Chi-Square	36.9424
DF	1
Pr > ChiSq	<.0001
F Value	36.9424
Num DF	1
Den DF	160
Pr > F	<.0001
Sample Size = 124521	

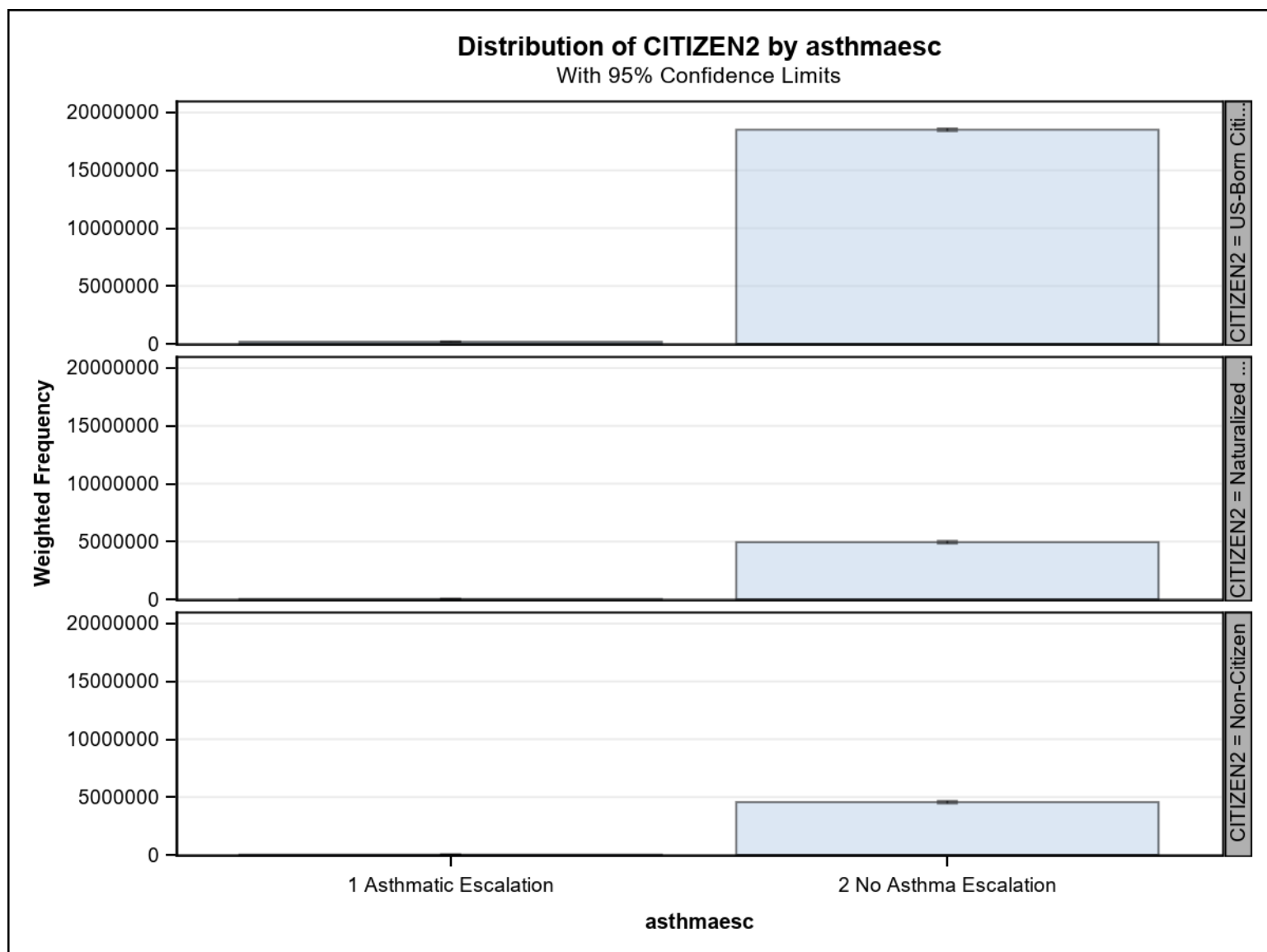
CHIS_81_Exacerbations
CHIS CHIS_DATA_BINOMIAL_ED2
PROC SURVEYFREQ - April 28, 2019

The SURVEYFREQ Procedure

Table of CITIZEN2 by asthmaesc						
CITIZEN2	asthmaesc	Frequency	Weighted Frequency	Std Err of Wgt Freq	Percent	Std Err of Percent
US-Born Citizen	1 Asthmatic Escalation	887	180421	13916	0.6387	0.0493
	2 No Asthma Escalation	93043	18509283	60336	65.5274	0.2122
	Total	93930	18689704	58245	66.1661	0.2048
Naturalized Citizen	1 Asthmatic Escalation	130	30645	5306	0.1085	0.0188
	2 No Asthma Escalation	18529	4942735	61080	17.4985	0.2161
	Total	18659	4973380	61062	17.6070	0.2160
Non-Citizen	1 Asthmatic Escalation	78	26192	7210	0.0927	0.0255
	2 No Asthma Escalation	11854	4557357	57859	16.1342	0.2051
	Total	11932	4583550	57865	16.2269	0.2052
Total	1 Asthmatic Escalation	1095	237259	16258	0.8400	0.0576
	2 No Asthma Escalation	123426	28009375	17475	99.1600	0.0576
	Total	124521	28246634	6429	100.0000	

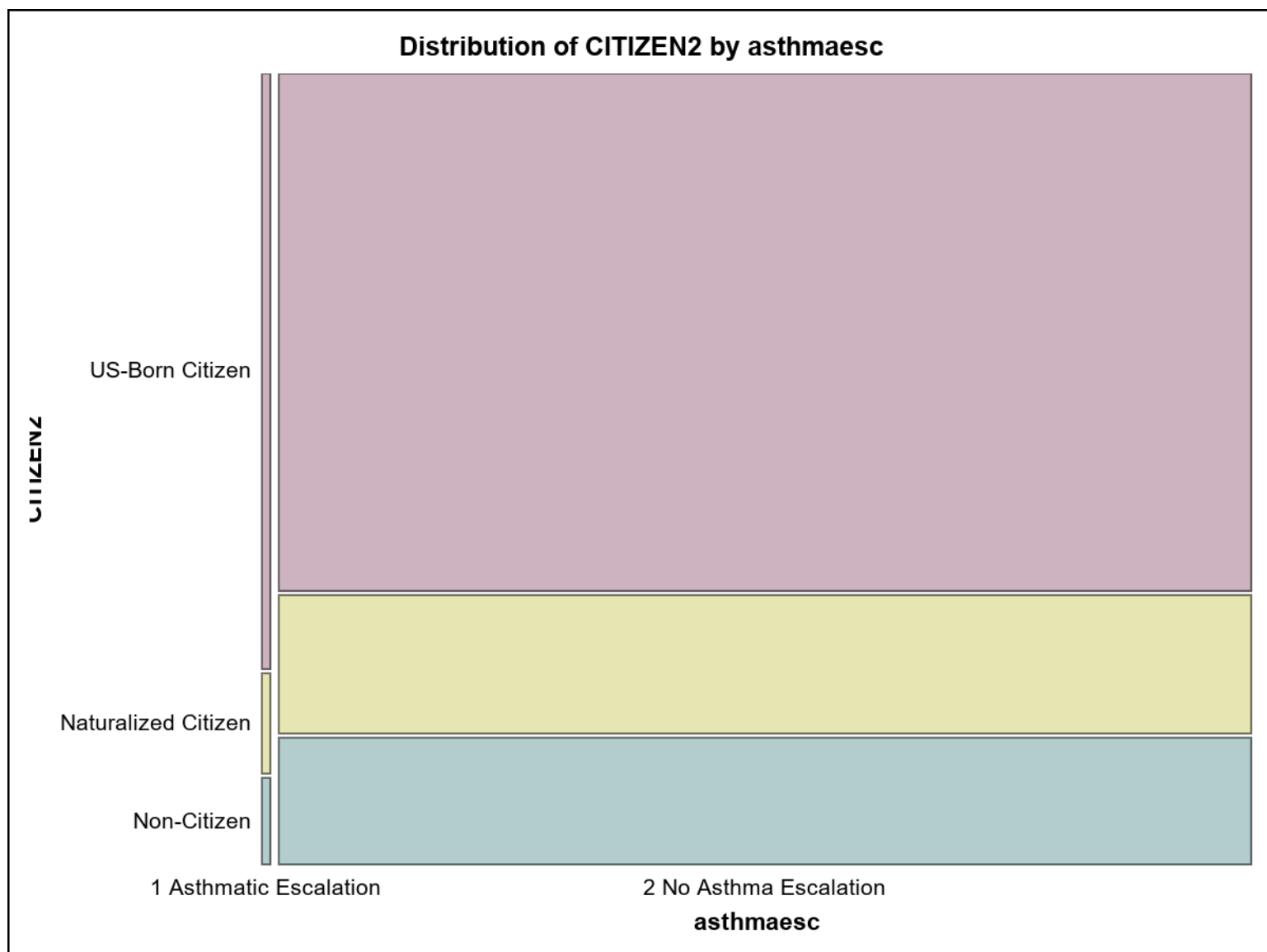
CHIS_81_Exacerbations
CHIS CHIS_DATA_BINOMIAL_ED2
PROC SURVEYFREQ - April 28, 2019

The SURVEYFREQ Procedure



CHIS_81_Exacerbations
 CHIS CHIS_DATA_BINOMIAL_ED2
 PROC SURVEYFREQ - April 28, 2019

The SURVEYFREQ Procedure



Rao-Scott Chi-Square Test	
Pearson Chi-Square	46.2261
Design Correction	6.3419
Rao-Scott Chi-Square	7.2890
DF	2
Pr > ChiSq	0.0261
F Value	3.6445
Num DF	2
Den DF	320
Pr > F	0.0272
Sample Size = 124521	

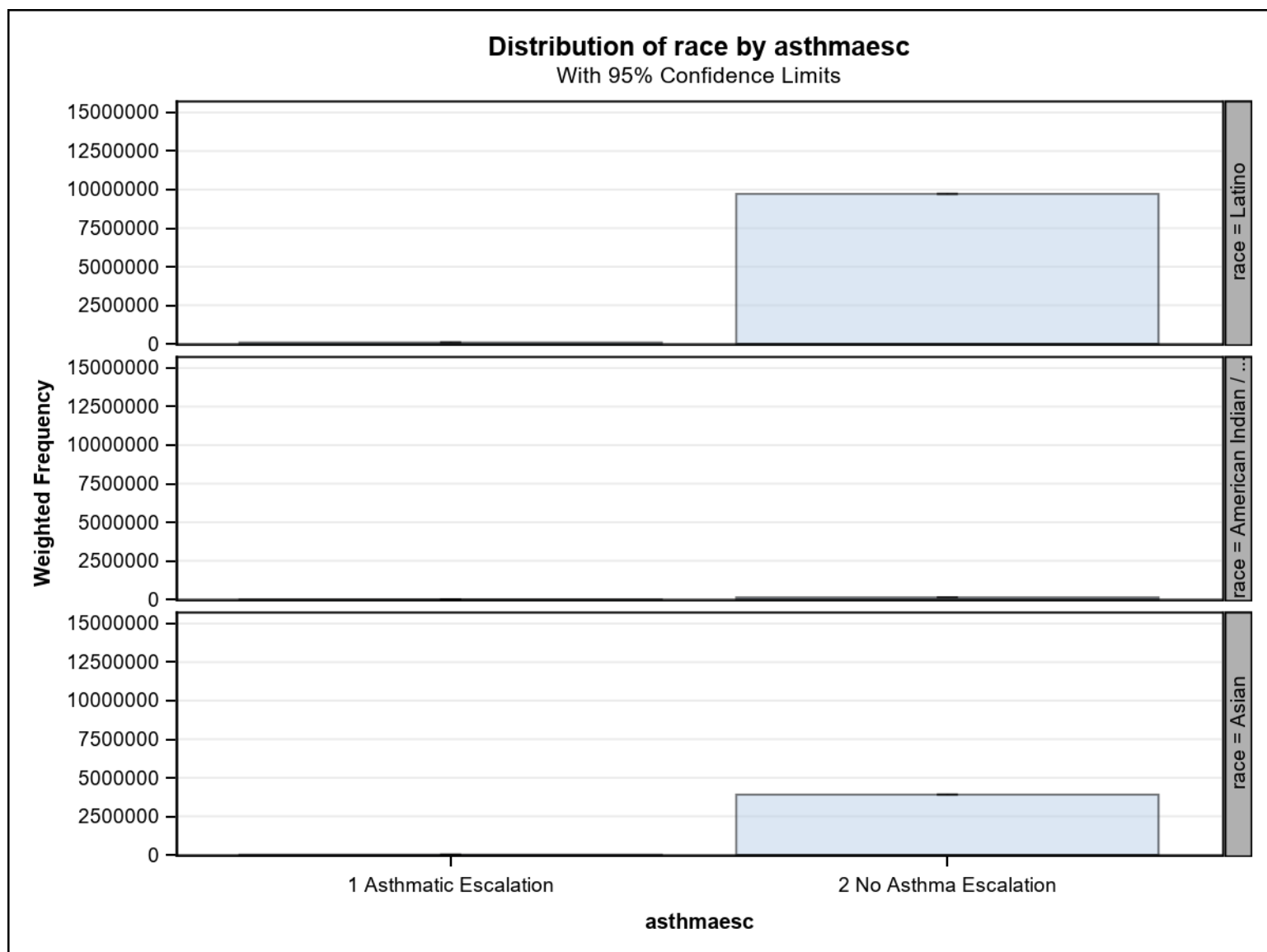
CHIS_81_Exacerbations
CHIS CHIS_DATA_BINOMIAL_ED2
PROC SURVEYFREQ - April 28, 2019

The SURVEYFREQ Procedure

Table of race by asthmaesc						
race	asthmaesc	Frequency	Weighted Frequency	Std Err of Wgt Freq	Percent	Std Err of Percent
Latino	1 Asthmatic Escalation	278	87416	11515	0.3095	0.0408
	2 No Asthma Escalation	27412	9718628	12035	34.4063	0.0424
	Total	27690	9806044	3643	34.7158	0.0105
American Indian / Alaska Native	1 Asthmatic Escalation	22	2170	1007	0.0077	0.0036
	2 No Asthma Escalation	1145	133734	1428	0.4735	0.0051
	Total	1167	135904	872.17537	0.4811	0.0031
Asian	1 Asthmatic Escalation	50	15962	3945	0.0565	0.0140
	2 No Asthma Escalation	11956	3908469	8557	13.8369	0.0304
	Total	12006	3924430	7553	13.8934	0.0268
African American	1 Asthmatic Escalation	157	46193	7105	0.1635	0.0252
	2 No Asthma Escalation	5807	1535456	7133	5.4359	0.0251
	Total	5964	1581649	1805	5.5994	0.0063
White	1 Asthmatic Escalation	532	77684	6925	0.2750	0.0245
	2 No Asthma Escalation	73965	12014977	11352	42.5360	0.0400
	Total	74497	12092661	8954	42.8110	0.0315
Multiracial / Other	1 Asthmatic Escalation	56	7834	2052	0.0277	0.0073
	2 No Asthma Escalation	3141	698111	11102	2.4715	0.0392
	Total	3197	705945	10750	2.4992	0.0379
Total	1 Asthmatic Escalation	1095	237259	16258	0.8400	0.0576
	2 No Asthma Escalation	123426	28009375	17475	99.1600	0.0576
	Total	124521	28246634	6429	100.0000	

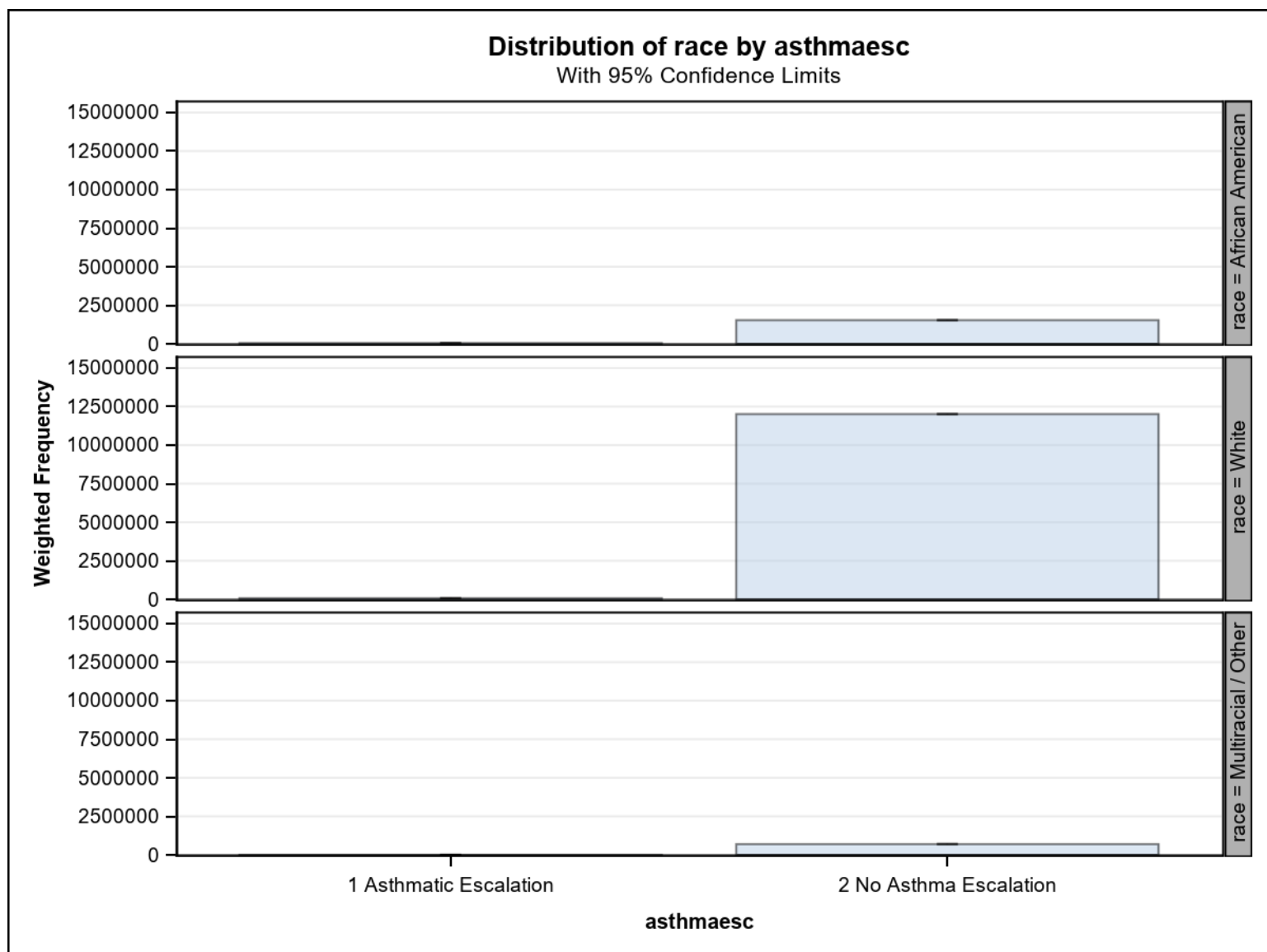
CHIS_81_Exacerbations
CHIS CHIS_DATA_BINOMIAL_ED2
PROC SURVEYFREQ - April 28, 2019

The SURVEYFREQ Procedure

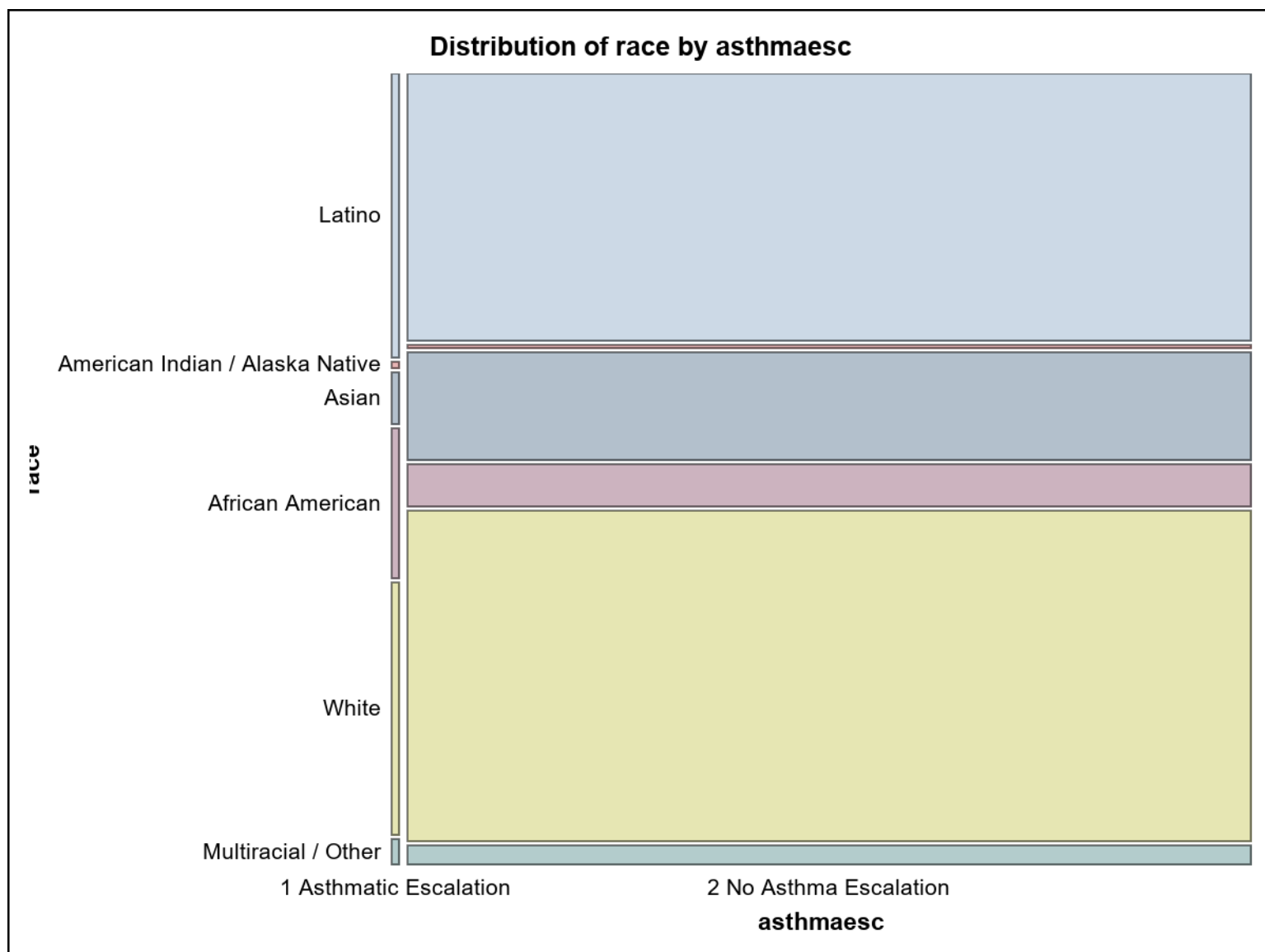


CHIS_81_Exacerbations
CHIS CHIS_DATA_BINOMIAL_ED2
PROC SURVEYFREQ - April 28, 2019

The SURVEYFREQ Procedure



The SURVEYFREQ Procedure



Rao-Scott Chi-Square Test	
Pearson Chi-Square	434.5689
Design Correction	3.6666
Rao-Scott Chi-Square	118.5221
DF	5
Pr > ChiSq	<.0001
F Value	23.7044
Num DF	5
Den DF	800
Pr > F	<.0001
Sample Size = 124521	

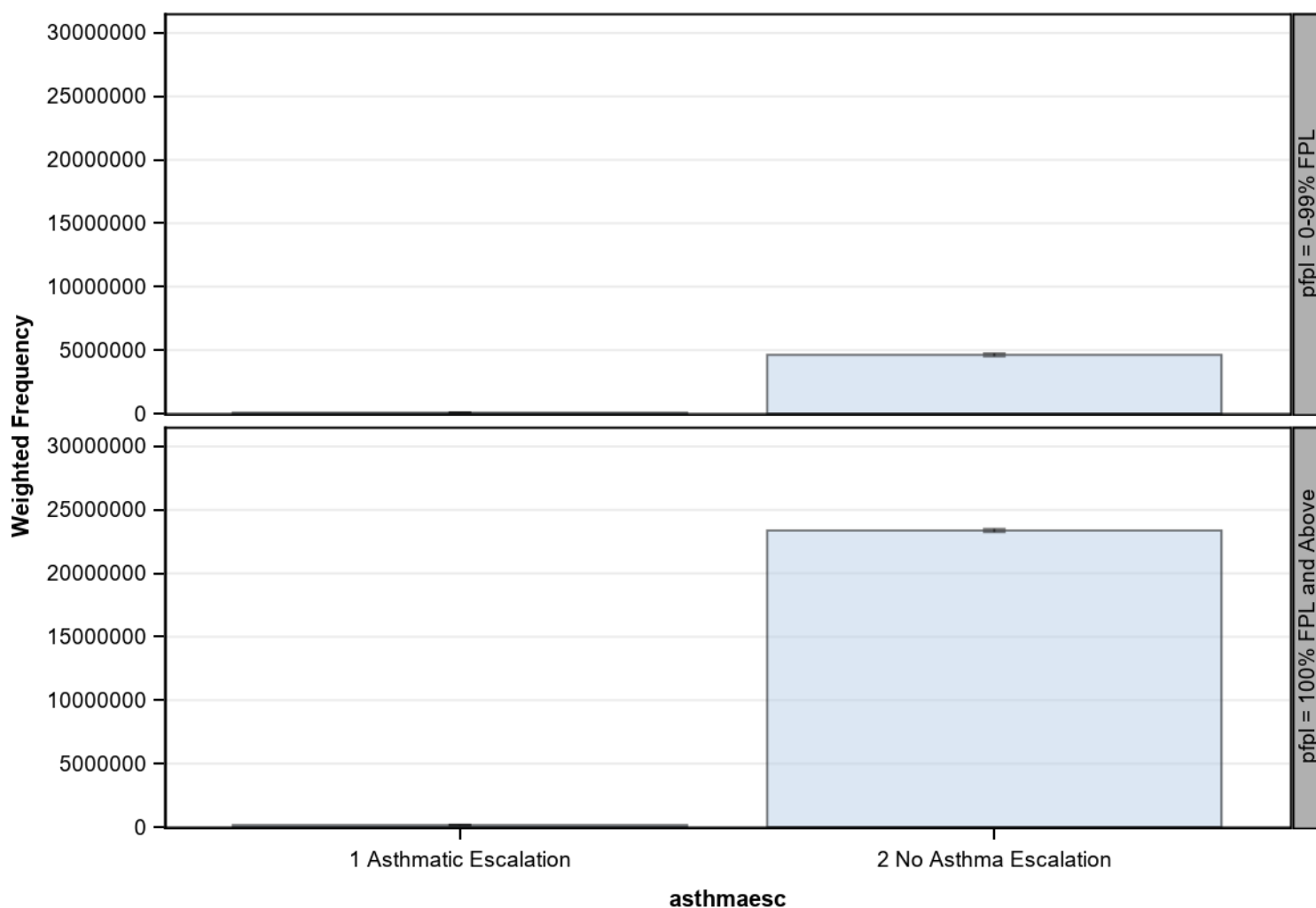
CHIS_81_Exacerbations
CHIS CHIS_DATA_BINOMIAL_ED2
PROC SURVEYFREQ - April 28, 2019

The SURVEYFREQ Procedure

Table of pfpl by asthmaesc						
pfpl	asthmaesc	Frequency	Weighted Frequency	Std Err of Wgt Freq	Percent	Std Err of Percent
0-99% FPL	1 Asthmatic Escalation	365	75819	7994	0.2684	0.0283
	2 No Asthma Escalation	17930	4631131	61363	16.3953	0.2174
	Total	18295	4706950	61906	16.6638	0.2194
100% FPL and Above	1 Asthmatic Escalation	730	161440	13520	0.5715	0.0479
	2 No Asthma Escalation	105496	23378244	63614	82.7647	0.2234
	Total	106226	23539684	62502	83.3362	0.2194
Total	1 Asthmatic Escalation	1095	237259	16258	0.8400	0.0576
	2 No Asthma Escalation	123426	28009375	17475	99.1600	0.0576
	Total	124521	28246634	6429	100.0000	

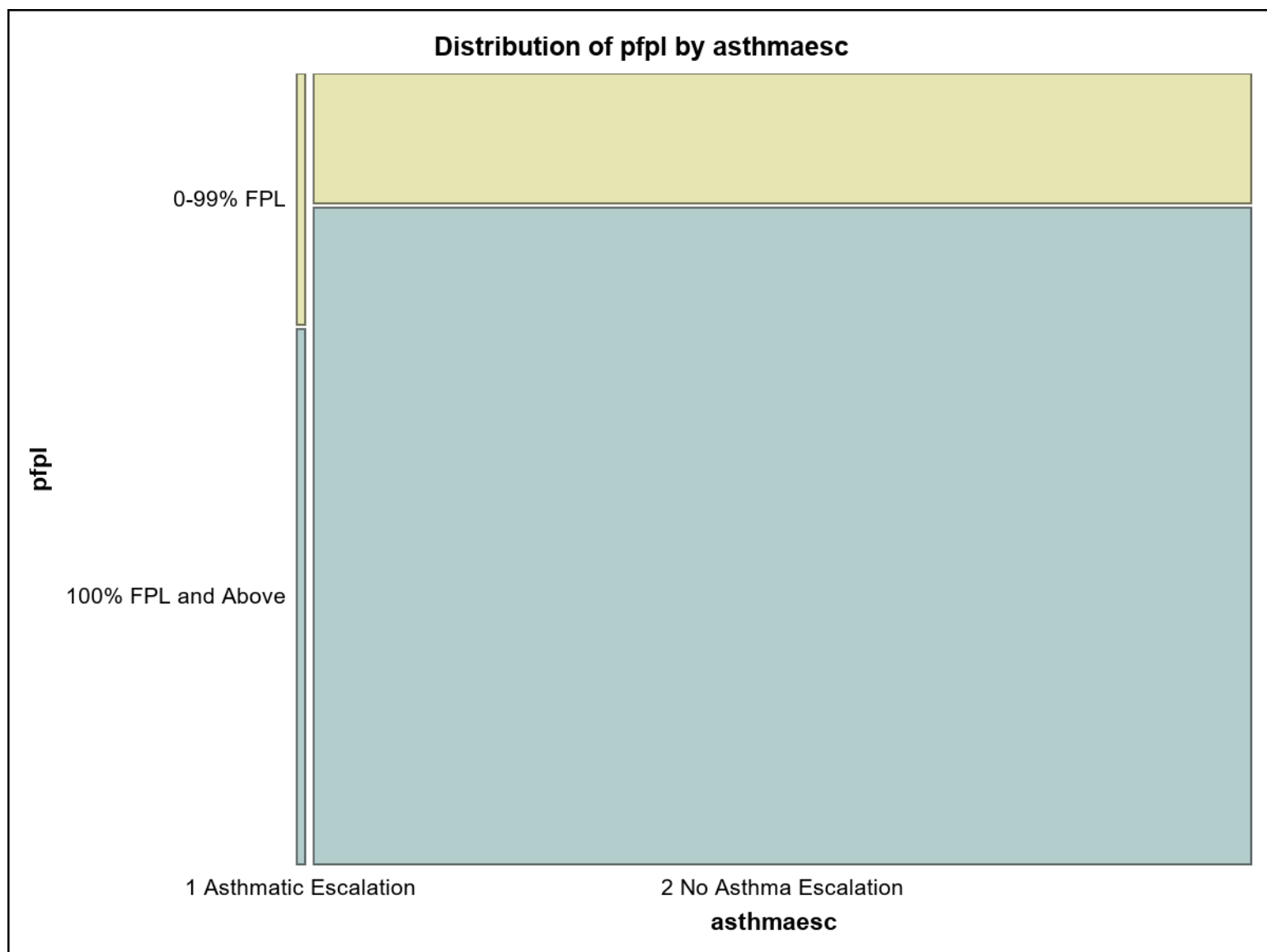
Distribution of pfpl by asthmaesc

With 95% Confidence Limits



CHIS_81_Exacerbations
 CHIS CHIS_DATA_BINOMIAL_ED2
 PROC SURVEYFREQ - April 28, 2019

The SURVEYFREQ Procedure



Rao-Scott Chi-Square Test	
Pearson Chi-Square	177.6273
Design Correction	3.7809
Rao-Scott Chi-Square	46.9807
DF	1
Pr > ChiSq	<.0001
F Value	46.9807
Num DF	1
Den DF	160
Pr > F	<.0001
Sample Size = 124521	

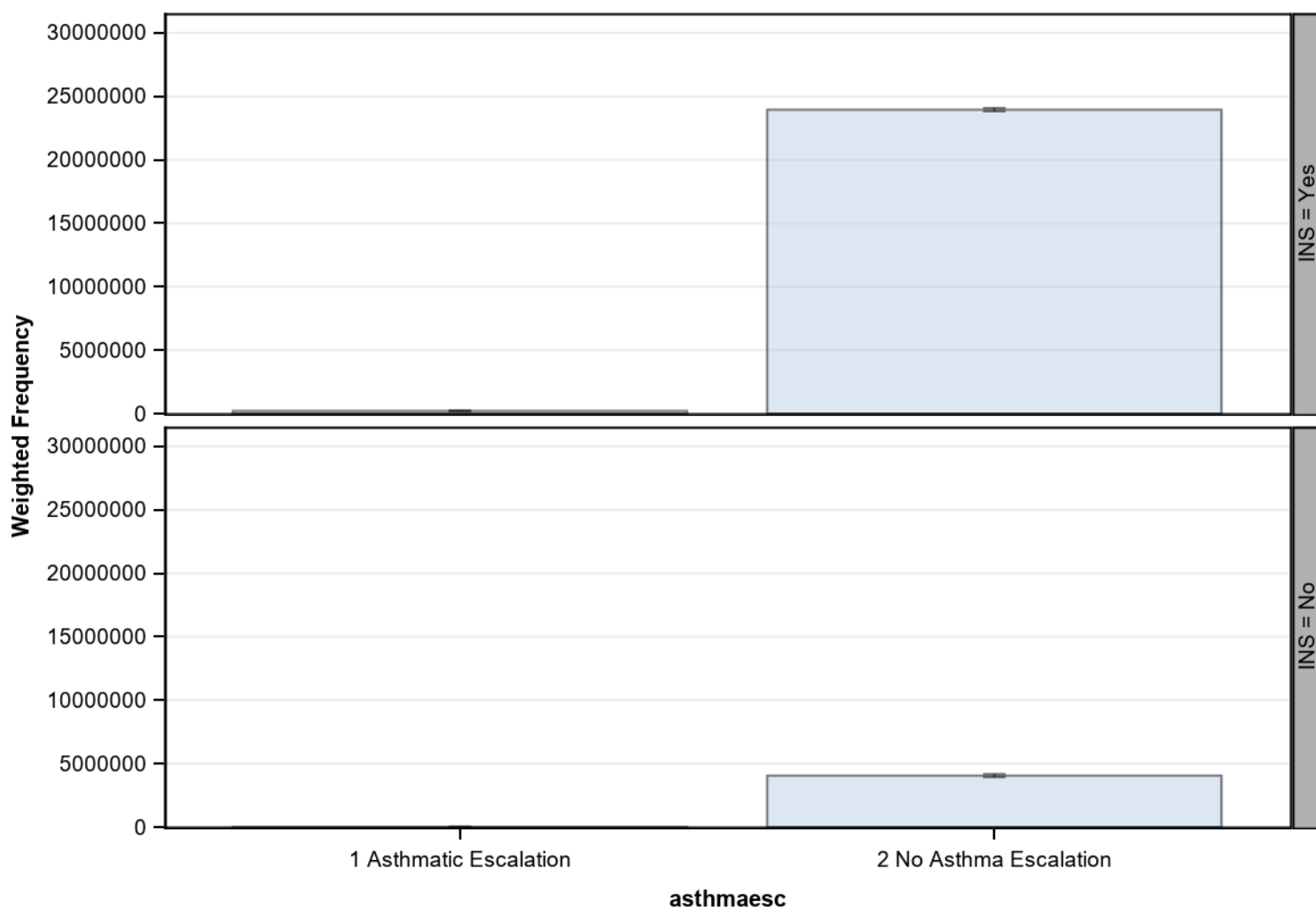
CHIS_81_Exacerbations
CHIS CHIS_DATA_BINOMIAL_ED2
PROC SURVEYFREQ - April 28, 2019

The SURVEYFREQ Procedure

Table of INS by asthmaesc						
INS	asthmaesc	Frequency	Weighted Frequency	Std Err of Wgt Freq	Percent	Std Err of Percent
Yes	1 Asthmatic Escalation	1031	216394	15448	0.7661	0.0547
	2 No Asthma Escalation	111967	23952699	67784	84.7984	0.2363
	Total	112998	24169093	65549	85.5645	0.2282
No	1 Asthmatic Escalation	64	20865	5245	0.0739	0.0186
	2 No Asthma Escalation	11459	4056676	64148	14.3616	0.2276
	Total	11523	4077541	64306	14.4355	0.2282
Total	1 Asthmatic Escalation	1095	237259	16258	0.8400	0.0576
	2 No Asthma Escalation	123426	28009375	17475	99.1600	0.0576
	Total	124521	28246634	6429	100.0000	

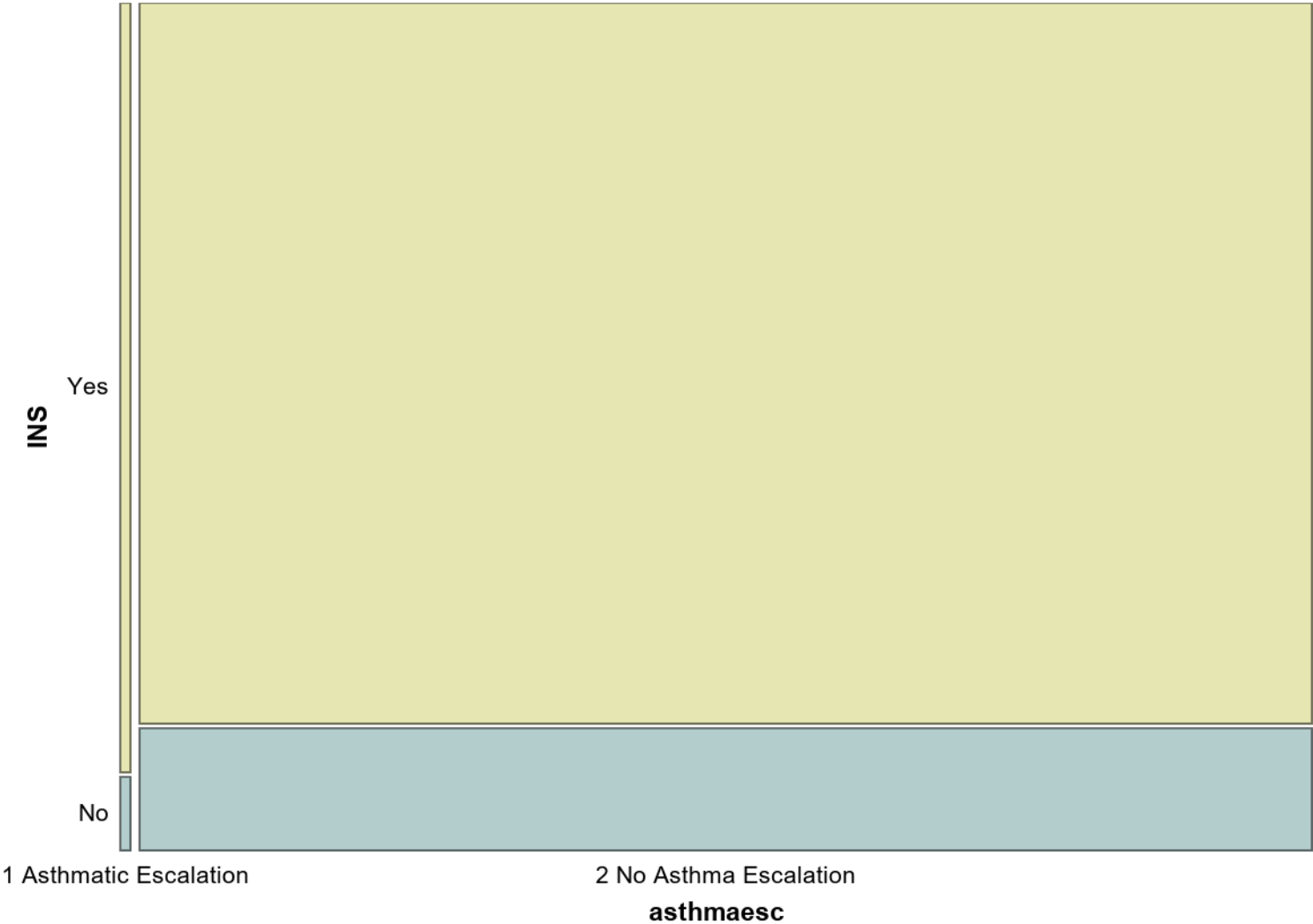
Distribution of INS by asthmaesc

With 95% Confidence Limits



The SURVEYFREQ Procedure

Distribution of INS by asthmaesc



Rao-Scott Chi-Square Test	
Pearson Chi-Square	27.1784
Design Correction	5.7834
Rao-Scott Chi-Square	4.6993
DF	1
Pr > ChiSq	0.0302
F Value	4.6993
Num DF	1
Den DF	160
Pr > F	0.0317
Sample Size = 124521	