

**Appendix 1:**

Logit of Misperception on Residence and Demographic Characteristics			
Response Profile: NORMAL WEIGHT			
Misperception		N	
Accurately Estimate		1982	
Discordant		1218	
Test		F Value	
Wald Test of Homogeneity		2.55***	
Model Fit Statistics			
Criterion	Intercept Only	Intercept and Covariates	
AIC	22842457	22665165	
SC	22842471	22665297	
-2 Log L	22842455	22665147	
Likelihood Ratio	18396.8		
Analysis of Covariate Model Fit			
Effect	F Value	Num DF	Den DF
Age	2.46	1	122
In School	1.04	1	122
High Income	3.33*	1	122
Male	4.43**	1	122
Black	3.66**	1	122
Hispanic	1.39	1	122
Residence	4.73**	2	121
Analysis of Maximum Likelihood Estimates			
Parameter	Estimate	Std Err	
Intercept	-1.0194**	0.4711	
In School	0.0505	0.0322	
Age	-0.1476	0.1448	
High Income	-0.2366*	0.1298	
Male	-0.2058**	0.0977	
Black	-0.2264**	0.1183	
Hispanic	0.1849	0.1569	
Rural Residence	-0.0129	0.1122	
Suburban Residence	0.2376**	0.0877	
Dependent Variable: 1→ Perception≠BMI Category, 0→Perception=BMI Category			
Significance: ***=99%, **=95%, *=90%			
Logit of Misperception on Residence and Demographic Characteristics			
Response Profile: OVERWEIGHT			
Misperception		N	
Accurately Estimate		871	
Discordant		853	
Test		F Value	
Wald Test of Homogeneity		12.9***	
Model Fit Statistics			
Criterion	Intercept Only	Intercept and Covariates	
AIC	12823836	12115383	
SC	12823850	12115510	
-2 Log L	12823834	12115365	
Likelihood Ratio	83036.1		
Analysis of Covariate Model Fit			
Effect	F Value	Num DF	Den DF
Age	2.35	1	119
In School	15.46***	1	119

High Income	0.48	1	119
Male	80***	1	119
Black	19.19***	1	119
Hispanic	0.1	1	119
Residence	2.98**	2	118
Analysis of Maximum Likelihood Estimates			
Parameter		Estimate	Std Err
Intercept		-1.4444**	0.5749
In School		0.0607	0.0396
Age		-0.4449***	0.1132
High Income		0.1285	0.1847
Male		0.9852***	0.1102
Black		0.7284***	0.1663
Hispanic		-0.0564	0.1787
Rural Residence		0.3408**	0.1395
Suburban Residence		0.153	0.1541
Dependent Variable: 1→ Perception≠BMI Category, 0→Perception=BMI Category			
Significance: ***=99%, **=95%, *=90%			

## Appendix 2:

Multinomial Logit of Misperception on Residence and Demographic Characteristics			
Response Profile: Normal Weight			
Misperception	N		
Underestimate	855		
Accurately Estimate	1982		
Overestimate	363		
Test	F Value		
Wald Test of Homogeneity	13.37***		
Model Fit Statistics			
Criterion	Intercept Only	Intercept and Covariates	
AIC	30835753	28477582	
SC	30835782	28477846	
-2 Log L	30835749	28477546	
Likelihood Ratio	121604		
Analysis of Covariate Model Fit			
Effect	F Value	Num DF	Den DF
Age	25.35***	2	121
In School	4.41**	2	121
High Income	1.91	2	121
Male	73.49***	2	121
Black	7.13***	2	121
Hispanic	3.46**	2	121
Residence	4.12***	4	119
Analysis of Maximum Likelihood Estimates			
Parameter	Misperception	Estimate	Std Err
Intercept	Underestimate	0.477	0.5292
Intercept	Overestimate	-6.9598***	0.8222
Age	Underestimate	-0.0775**	0.0376
Age	Overestimate	0.3277***	0.0522
In School	Underestimate	0.0533	0.1851
In School	Overestimate	-0.5042**	0.1832

High Income	Underestimate	-0.2691*	0.1464
High Income	Overestimate	-0.2241	0.21
Male	Underestimate	-0.8852***	0.1159
Male	Overestimate	1.506***	0.1722
Black	Underestimate	-0.4997***	0.1433
Black	Overestimate	0.1771	0.1938
Hispanic	Underestimate	0.3606**	0.1721
Hispanic	Overestimate	-0.2784	0.2637
Rural Residence	Underestimate	0.1265	0.1406
Rural Residence	Overestimate	-0.4294***	0.1984
Suburban Residence	Underestimate	0.3162***	0.1068
Suburban Residence	Overestimate	0.071	0.1668
Significance: ***=99%, **=95%, *=90%			
Dependent Variable: -1=Underestimation, 0=Accurate Estimation, 1=Overestimation			
Multinomial Logit of Misperception on Residence and Demographic Characteristics			
Response Profile: Overweight			
Misperception		N	
Underestimate		48	
Accurately Estimate		871	
Overestimate		805	
Test		F Value	
Wald Test of Homogeneity		9.51***	
Model Fit Statistics			
Criterion	Intercept Only	Intercept and Covariates	
AIC	14629133	13497022	
SC	14629161	13497275	
-2 Log L	14629129	13496986	
Likelihood Ratio	63639.1		
Analysis of Covariate Model Fit			
Effect	F Value	Num DF	Den DF
Age	2.86*	2	118
In School	9.54***	2	118
High Income	0.23	2	118
Male	63.8***	2	118
Black	12.49***	2	118
Hispanic	0.05	2	118
Residence	2.26*	4	116
Analysis of Maximum Likelihood Estimates			
Parameter	Misperception	Estimate	Std Err
Intercept	Underestimate	-6.7449***	1.8868
Intercept	Overestimate	-1.3819**	0.5832
Age	Underestimate	0.2676**	0.1181
Age	Overestimate	0.0466	0.0407
In School	Underestimate	0.3226	0.3915
In School	Overestimate	-0.493***	0.116
High Income	Underestimate	0.162	0.5504
High Income	Overestimate	0.1255	0.1872
Male	Underestimate	-1.8012***	0.5274
Male	Overestimate	1.1376***	0.1111
Black	Underestimate	-0.8538	0.6949
Black	Overestimate	0.8237***	0.1725
Hispanic	Underestimate	-0.0609	0.4908
Hispanic	Overestimate	-0.0546	0.1833

Rural Residence	Underestimate	0.7279**	0.3549
Rural Residence	Overestimate	0.296**	0.1415
Suburban Residence	Underestimate	-0.1574	0.441
Suburban Residence	Overestimate	0.1728	0.1592
Significance: ***=99%, **=95%, *=90%			
Dependent Variable: -1=Underestimation, 0=Accurate Estimation, 1=Overestimation			