

Supplemental Table S1. Proportion of racial differences in obesity attributable to individual stressors

Predictors	Black vs. White	Percent explained	US-born Hispanic vs. White	Percent explained	Non-US-born Hispanic vs. White	Percent explained
	Coeff (95% CI)		Coeff (95% CI)		Coeff (95% CI)	
Financial stress	0.078 (0.003,0.153)*	3.66%	0.107 (-0.009,0.022)	5.28%	0.0003 (-0.004,0.005)	0.20%
Stressful life events	0.045 (-0.005,0.014)	2.12%	0.003 (-0.004,0.009)	1.36%	-0.003 (-0.007,0.001)	2.00%
Job discrimination	-0.0003(-0.002,0.002)	0.16%	0.004 (-0.003,0.011)	1.88%	-0.003 (-0.007,0.001)	0.02%
Neighborhood stress	0.007 (-0.003,0.171)	3.36%	0.013 (0.001,0.0252)*	6.48%	0.002 (-0.002,0.006)	1.00%
Life discrimination	0.001(-0.011,0.130)	0.52%	0.010 (-0.004,0.024)	4.85%	-0.005 (-0.015,0.004)	3.23%
Job stress	-0.0003 (-0.003,0.003)	0.01%	0.0004 (-0.003,0.003)	0.19%	0.0003(-0.004,0.005)	0.18%
Childhood stress	0.00003 (-0.004,0.004)	0.01%	0.005 (-0.003,0.013)	2.44%	0.006 (-0.002,0.014)	3.46%
Relationship stress	0.005 (-0.005,0.0149)	2.39%	0.005 (-0.005,0.154)	2.50%	0.005 (-0.006,0.156)	2.95%

All results are weighted. *P < 0.05; ** P < 0.01

Supplemental Table S2a. Proportion of racial differences in obesity attributable to age and sex, marital status/parental status, health behaviors, socioeconomic status, and cumulative stressors (Females only)

Predictors	Black vs. White Coeff (95% CI)	Percent explained	US-born Hispanic vs. White Coeff (95% CI)	Percent explained	Non-US-born Hispanic vs. White Coeff (95% CI)	Percent explained
Age	-.0008 (-.009, .007)	-0.31%	-.03 (-.06, -.01)	-20.74%	-.01 (-.03, .0003)	-6.78%
Marital status						
Not Married (Reference)						
Married	-.01 (-.03, .003)	-4.48%	-.0006 (-.01, .009)	-0.34%	.03 (.003, .06)	13.69%
Parental status						
Does not have children (Reference)						
Has child(ren)	.005 (-.02, .03)	1.89%	-.005 (-.03, .02)	-3.00%	.005 (-.03, .04)	2.28%
Physical Activity						
No activity (Reference)						
Insufficient activity	-.002 (-.006, .003)	-.63%	-.00006 (-.001, .0009)	-0.04	-.0009 (-.007, .005)	-.42%
Meeting recommended physical activity	.0002 (-.001, .002)	.07%	-.0003 (-.003, .003)	-1.7%	.00006 (-.001, .001)	.03%
Diet						
Not meeting recommended fruit and vegetables intake (Reference)						
Meeting recommended fruit and vegetables intake	-.002 (-.01, .008)	-.92%	-.01 (-.02, .0001)	-7.47%	-.01 (-.03, .004)	-5.00%
Education						
Less than high school (Reference)						
High school	-.0007 (-.004, .002)	-.28%	-.002 (-.008, .003)	-1.44%	.0001 (-.003, .003)	.05%
Some college	-.008 (-.02, .004)	-2.95%	-.0009 (-.005, .003)	-.54%	-.005 (-.02, .01)	-2.27%
College degree and above	.05 (.02, .09)**	20.07%	.05 (.02, .08)	31.09%	.03 (-.02, .08)	13.65%
Income						
Less than \$10000 (Reference)						
\$10,000 through \$29,999	.002 (-.01, .02)	.71%	.01 (-.003, .02)	6.24%	.002 (-.006, .01)	.97%
\$30,000 through \$49,999	.006 (-.01, .03)	2.16%	.01 (-.003, .03)	7.50%	.007 (-.01, .03)	3.09%
\$50,000 or more	-.0006 (-.003, .002)	-.22%	-.0004 (-.005, .004)	-0.23%	.0001 (-.002, .002)	.06%
Missing	-.006 (-.02, .01)	-2.41%	-.002 (-.01, .01)	-1.05%	.006 (-.02, .03)	2.55%
Employment status						
Does not have a job (Reference)						
Has a job	-.002 (-.008, .003)	-.83%	-.005 (-.01, .003)	-3.00%	.002 (-.009, .01)	.72%
Number of domains of high stress exposure (cumulative stress)						
0 (Reference)						
1	-.001 (-.005, .002)	-.45%	-.005 (-.01, .003)	-3.34%	.003 (-.005, .01)	1.47%
2	.003 (-.002, .009)	1.26%	.005 (-.005, .01)	3.07%	.003 (-.004, .01)	1.36%
3	.006 (-.006, .02)	2.17%	.03 (.006, .04)	15.36%	.005 (-.004, .01)	2.11%
4+	.008 (-.001, .02)	3.07%	.02 (.003, .04)	12.31%	-.004 (-.01, .007)	-1.80%
Explained total	.05 (.006, .09)*	17.93%	.06 (.005, .11)*	32.22%	.06 (-.02, .13)	25.77%
Unexplained	.22 (.15, .29)	82.07%	.11 (.03, .19)	67.78%	.16 (.06, .27)	74.23%
Total predicted gap	.27 (.21, .32)		.16 (.09, .24)		.22 (.14, .30)	

All results are weighted. *P < 0.05; ** P < 0.01

Supplemental Table S2b. Proportion of racial differences in obesity attributable to age and sex, marital status/parental status, health behaviors, socioeconomic status, and cumulative stressors (Males only)

Predictors	Black vs. White Coeff (95% CI)	Percent explained	US-born Hispanic vs. White Coeff (95% CI)	Percent explained	Foreign-born Hispanic vs. White Coeff (95% CI)	Percent explained
Age	.001 (-.03, .03)	.91%	-.003 (-.04, .04)	-1.13%	-.01 (-.05, .03)	-10.77%
Marital status						
Not Married (Reference)						
Married	-.002 (-.04, .03)	-1.43%	-.001 (-.009, .006)	-.55%	.01 (-.05, .07)	10.86%
Parental status						
Does not have children (Reference)						
Has child(ren)	.02 (-.34, .37)	13.04%	.007 (-.008, .02)	3.20%	.02 (-.08, .13)	20.87%
Physical Activity						
No activity (Reference)						
Insufficient activity	-.004 (-.08, .07)	-2.81%	.003 (-.008, .01)	1.25%	.004 (-.02, .02)	3.17%
Meeting recommended physical activity	.003 (-.05, .05)	1.87%	-.008 (-.03, .009)	-3.57%	-.00004 (-.004, .004)	-.04%
Diet						
Not meeting recommended fruit and vegetables intake (Reference)						
Meeting recommended fruit and vegetables intake	-.0005 (-.01, .009)	-.38%	-.001 (-.006, .004)	-.47%	-.004 (-.02, .01)	-3.08%
Education						
Less than high school (Reference)						
High school	.02 (-.31, .35)	13.22%	.02 (-.01, .06)	10.72%	.003 (-.01, .02)	2.12%
Some college	.002 (-.03, .04)	1.39%	.01 (-.009, .03)	4.24%	-.001 (-.008, .006)	-.86%
College degree and above	-.05 (-.93, .83)	-35.75%	-.07 (-.17, .02)	-32.65%	-.04 (-.12, .05)	-29.83%
Income						
Less than \$10000 (Reference)						
\$10,000 through \$29,999	.002 (-.04, .04)	1.17%	.01 (-.008, .03)	4.41%	.003 (-.01, .02)	2.34%
\$30,000 through \$49,999	-.007 (-.14, .13)	-5.27%	-.003 (-.02, .01)	-1.21%	-.01 (-.06, .03)	-12.53%
\$50,000 or more	-.001 (-.02, .02)	-.80%	-.009 (-.03, .01)	-3.99%	-.006 (-.03, .02)	-5.32%
Missing	.006 (-.11, .12)	4.25%	.008 (-.02, .03)	3.55%	.02 (-.04, .08)	15.22%
Employment status						
Does not have a job (Reference)						
Has a job	-.005 (-.09, .08)	-3.26%	-.0004 (-.004, .003)	-.16%	.0006 (-.03, .03)	.49%
Number of domains of high stress exposure (cumulative stress)						
0 (Reference)						
1	-.003 (-.07, .06)	-2.39%	-.003 (-.01, .007)	-1.31%	.0002 (-.002, .003)	.14%
2	.002 (-.03, .03)	1.14%	.004 (-.007, .02)	1.81%	.00005 (-.002, .002)	.04%
3	.006 (-.11, .12)	4.49%	.03 (-.007, .06)	11.45%	.002 (-.007, .01)	1.50%
4+	.01 (-.24, .26)	9.76%	-.003 (-.01, .007)	-1.32%	-.0004 (-.004, .003)	-.37%
Explained total	-.001 (-.05, .04)	-0.86%	-.01 (-.11, .08)	-5.70%	-.007 (-.08, .07)	-6.04%
Unexplained	.14 (.06, .22)	100%	.24 (.11, .37)	100%	.13 (.01, .24)	100%
Total predicted gap	.14 (.08, .20)		.23 (.12, .33)		.12 (.03, .20)	

All results are weighted. *P < 0.05; ** P < 0.01