Supplemental Table 2. Comparison of participants who wore and returned the Actical to those who did not by sociodemographic and BMI categories; SOL Youth Study, 2012-2014

	Any Accelerometer Wear % (n=1238)	No Accelerometer Wear % (n=228)	p value *
Overall	82.0	18.0	
Site:			
Bronx	83.3	16.7	<0.0001
Chicago	92.8	7.2	
Miami	86.8	13.2	
San Diego	73.6	26.4	
Hispanic/Latino background:			
Central American	80.4	19.6	0.41
Cuban	90.3	9.7	
Dominican	84.2	15.8	
Mexican	81.9	18.1	
Puerto Rican	86.3	13.7	
South American	84.8	15.2	
Mixed	75.4	24.6	
Other/Missing	76.2	23.8	
Sex:			
Male	81.1	18.9	0.53
Female	82.9	17.1	
Age:			
8-10 years	81.2	18.8	0.82
11-12 years	81.0	19.0	
13-14 years	81.6	18.4	
15-16 years	84.3	15.7	
BMI percentile group:			
Underweight	79.3	20.7	0.62
Normal weight	80.9	19.1	
Overweight	84.2	15.8	
Obese	79.9	20.1	
Severely obese	87.2	12.8	
Generational status:			
Foreign born 1st generation	79.7	20.3	0.66
US born 2nd generation	83.0	17.0	
US born 3rd+ generation	80.6	19.4	

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	Any Accelerometer Wear % (n=1238)	No Accelerometer Wear % (n=228)	p value *
Language preference:			
Spanish	79.0	21.0	0.35
English	83.0	17.0	

Abbreviations: BMI, body mass index

Note: All statistics accounted for the complex design and are weighted to account for probability of selection and non-response.

*P-value from test comparing accelerometer vs. no accelerometer from Cochran-Mantel-Haenszel general association test using Wald chi-square statistics for nominal variables (e.g., site, sex, background, US born, generational status, language preference) and Cochran-Mantel-Haenszel trend test using Wald chi-square statistics for ordinal variables (e.g., age group, BMI group).