Supplementary Materials

Sedentariness is negatively associated with Perceived Neighborhood Greenness at Home, but not at University

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Supplementary Table S1. Correlation matrix of possible confounders in the combined datasets after multiple imputation of all variables.

	BMI	Physical Activity	Time spent sitting	PG home	PG university	Gender	Age	Income	Edu-cation
BMI									
Physical Activity	$r = -.02$ $p = .351$								
Time spent sitting	$r = .02$ $p = .388$	**$r = -.20$** **$p < .001$**							
Perceived Greenness at home	$r = -.04$ $p = .269$	$r = .004$ $p = .471$	$r = -.09$ $p = .059$						
Perceived Greenness at university	$r = .02$ $p = .364$	$r = .01$ $p = .416$	$r = -.08$ $p = .082$	**$r = .27$** **$p < .001$**					
Gender	**$r = .11$** **$p = .026$**	$r = -.05$ $p = .184$	$r = .06$ $p = .167$	$r = -.02$ $p = .398$	$r = .01$ $p = .455$				
Age	**$r = .27$** **$p < .001$**	$r = -.04$ $p = .226$	$r = .08$ $p = .093$	$r = .07$ $p = .133$	$r = -.03$ $p = .318$	**$r = .12$** **$p = .024$**			
Income	**$r = .15$** **$p = .006$**	$r = .02$ $p = .392$	$r = -.01$ $p = .452$	$r = .05$ $p = .175$	$r = -.03$ $p = .280$	$r = .04$ $p = .227$	**$r = .52$** **$p < .001$**		
Education	$r = .05$ $p = .190$	**$r = -.13$** **$p = .011$**	$r = .05$ $p = .176$	$r = .04$ $p = .247$	$r = -.07$ $p = .119$	$r = -.08$ $p = .086$	**$r = .36$** **$p < .001$**	**$r = .22$** **$p < .001$**	

Supplementary Table S2. Collinearity statistic of the original dataset in multivariate regression analysis for confounder testing.

Variable	Tolerance	Variance Inflation Factor
BMI		
Perceived Greenness at Home	.92	1.10
Perceived Greenness at University	.92	1.09
Gender	.97	1.04
Age	.64	1.58
Income	.72	1.39
Education	.84	1.19
Physical Activity		
Perceived Greenness at Home	.92	1.09
Perceived Greenness at University	.92	1.08
Gender	.97	1.04
Age	.65	1.53
Income	.73	1.37
Education	.85	1.18
Sedentariness		
Perceived Greenness at Home	.91	1.10
Perceived Greenness at University	.92	1.09
Gender	.97	1.03
Age	.63	1.59
Income	.71	1.41
Education	.84	1.18

6   **Supplementary Table S3.** Linear regression models with BMI as outcome and perceived greenness
7   as well as possible confounders as indicators (extended from Table 2).
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Analyses	R^2	F	df	b	t	df	95% CI b	p
Univariate								
At home	< .001	0.002	1, 471	0.01	0.42	467	-0.02 – 0.02	.966
At university	.001	0.57	1, 467	0.01	0.75	467	-0.01 – 0.02	.449
Overall	.001	0.30	1, 471	0.01	0.56	471	-0.02 – 0.03	.579
Multivariate								
At home and at university	.001	0.29	2, 466					.746
At home				-0.001	-0.12	466	-0.02 – 0.02	.906
At university				0.01	0.76	466	-0.01 – 0.02	.446
Multivariate adjusted								
With confounders								
At home				-.01	-0.65	593	-0.03 – 0.01	.518
At university				.01	0.91	593	0.01 – 0.03	.361
Gender				.65	1.77	593	-0.07 – 1.38	.077
Age				.15	5.27	593	0.10 – 0.21	**< .001**
Income				-.19	-0.44	593	-1.06 – 0.67	.660
Education				-.10	-0.58	593	-0.44 – 0.24	.563

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Supplementary Table S4. Linear regression models with physical activity and physical sedentariness as outcomes and perceived greenness measures as indicators (extended from Table 2).

Analyses	R^2	F	df	b	t	df	95% CI b	p
Physical Activity (Met-h per week)								
Univariate								
At home	.002	0.90	1, 419	0.14	0.95	419	-0.15 – 0.44	.344
At university	< .001	0.01	1, 415	0.01	0.10	415	-0.23 – 0.26	.919
Overall	.001	0.38	1, 419	0.11	0.62	419	-0.24 – 0.45	.536
Multivariate								
At home and at university	.003	0.53	2, 414					.586
At home				0.16	1.03	414	-0.14 – 0.46	.304
At university				-0.02	-0.13	414	-0.27 – 0.24	.897
Multivariate adjusted								
With confounders								
At home				0.23	1.45	593	-0.08 – 0.54	.147
At university				-0.03	-0.24	593	-0.30 – 0.24	.809
Gender				-5.66	-0.93	593	-17.59 – 6.26	.352
Age				-0.28	-0.64	593	-1.13 – 0.57	.519
Income				3.52	0.56	593	-8.73 – 15.77	.573
Education				-5.59	-1.96	593	-11.18 – -0.001	.050

				Sedentariness (time spent sitting, hours per day)				
Analyses	*R²*	*F*	*df*	*b*	*t*	*df*	**95% CI** *b*	*p*
Univariate								
At home	.02	8.81	1, 471	-0.03	-2.97	471	-0.05 - -0.01	.003
At university	.01	2.39	1, 467	-0.01	-1.55	467	-0.03 – 0.003	.123
Overall	.02	7.72	1, 471	-0.03	-2.78	471	-0.05 - -0.01	.006
Multivariate								
At home and at university	.02	4.81	2, 466					.009
At home				-0.03	-2.68	466	-0.44 - -0.01	.008
At university				-0.01	-0.83	466	-0.02 – 0.01	.532
Multivariate adjusted								
With confounders								
At home				-0.04	-2.59	593	-0.06 – -0.01	.010
At university				-0.01	-0.70	593	-0.03 – 0.02	.487
Gender				0.22	0.54	593	-0.57 – 1.01	.587
Age				0.06	1.77	593	-0.01 – 0.12	.076
Income				-0.60	-1.31	593	-1.50 – 0.30	.192
Education				0.21	1.10	593	-0.16 – 0.58	.272

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