

Table S1. Standardized Differences for Assessing Balance of Initial and Matched Samples

Variable	Initial sample, unmatched	1:4 matching
Age	0.4490	0.0061
Gender	-0.0354	0.0004
Race	0.1478	-0.0011
Body mass index	-0.0245	0.0002
History of smoking	0.0086	0
Hypertension	-0.0136	0
Diabetes mellitus	-0.0605	0

Table S2. Spearman's Correlations Among Greenspace and Socioeconomic Factors

	1	2	3	4
1. NDVI	–			
2. Proximity to public parks	-0.021	–		
3. ADI state decile	-0.550*	0.092*	–	
4. ADI national percentile	-0.548*	0.085*	0.992*	–

* $P < 0.05$.
ADI, area deprivation index; NDVI, normalized difference vegetation index.

Table S3. Interaction Between NDVI and National ADI

Index	Regression coefficient	SE	z-score (P)	95% CI
NDVI ^a	-0.897	0.664	-1.35 (0.177)	-2.2, 0.405
National ADI	0.001	0.002	0.27 (0.790)	-0.004, 0.004
NDVI ^b	-0.993	0.557	-1.78 (0.075)	-2.09, 0.0996
National ADI	0.002	0.002	1.19 (0.232)	-0.001, 0.006
NDVI#ADI	1.016	0.025	0.65 (0.516)	0.969, 1.065

^aNDVI coefficient in the multivariate model.
^bNDVI coefficient in the univariate model.
ADI, area deprivation index; NDVI, normalized difference vegetation index; NDVI#ADI, interaction between NDVI and ADI; SE, standard error.

Table S4. Interaction Between NDVI and State ADI

Index	Regression coefficient	SE	z-score (P)	95% CI
NDVI ^a	-0.874	0.669	-1.31 (0.191)	-2.184, 0.436
State ADI	0.005	0.017	0.37 (0.747)	-0.010, 0.045
NDVI ^b	-0.993	0.557	-1.78 (0.075)	-2.09, 0.0996
State ADI	0.017	0.014	1.25 (0.210)	-0.010, 0.045
NDVI#ADI	1.09	0.206	0.46 (0.649)	0.753, 1.577

^aNDVI coefficient in the multivariate model.
^bNDVI coefficient in the univariate model.
ADI, area deprivation index; NDVI, normalized difference vegetation index; NDVI#ADI, interaction between NDVI and ADI; SE, standard error.