

Supplementary Table 2. NDVI Relationships to stroke/TIA, ischemic stroke, hemorrhagic stroke, TIA, and unknown stroke in unadjusted models and in adjusted models adjusting for individual sociodemographics, neighborhood income, and/or cardiometabolic risk factors

	Model 1 (no adjustment)		Model 2 (individual level covariates)		Model 3 (individual plus neighborhood covariates)		Model 4 (individual, neighborhood, and cardiometabolic covariates)	
	OR (95% CI)	<i>P</i>	OR (95% CI)	<i>P</i>	OR (95% CI)	<i>P</i>	OR (95% CI)	<i>P</i>
Stroke or TIA								
Low-NDVI	REF		REF		REF		REF	
Medium-NDVI	0.79 (0.73–0.85)	<0.001	0.81 (0.75–0.87)	<0.001	0.80 (0.74–0.86)	<0.001	0.93 (0.86–1.00)	0.045
High-NDVI	0.83 (0.77–0.90)	<0.001	0.84 (0.77–0.90)	<0.001	0.80 (0.73–0.87)	<0.001	0.90 (0.82–0.97)	0.010
<i>P</i> for trends		<0.001		<0.001		<0.001		0.008
Ischemic stroke								
Low-NDVI	REF		REF		REF		REF	
Medium-NDVI	0.86 (0.76–0.96)	0.012	0.86 (0.77–0.97)	0.012	0.84 (0.75–0.95)	0.005	0.99 (0.88–1.11)	0.862
High-NDVI	0.95 (0.84–1.06)	0.344	0.90 (0.80–1.02)	0.089	0.85 (0.75–0.97)	0.013	0.97 (0.85–1.09)	0.572
<i>P</i> for trends		0.396		0.101		0.014		0.575
Hemorrhagic stroke								
Low-NDVI	REF		REF		REF		REF	
Medium-NDVI	0.86 (0.62–1.18)	0.352	0.85 (0.62–1.19)	0.357	0.84 (0.61–1.16)	0.299	0.99 (0.72–1.37)	0.959
High-NDVI	1.04 (0.77–1.41)	0.793	0.96 (0.70–1.31)	0.780	0.90 (0.65–1.24)	0.523	1.01 (0.73–1.40)	0.958
<i>P</i> for trends		0.776		0.796		0.530		0.961
TIA								
Low-NDVI	REF		REF		REF		REF	
Medium-NDVI	0.71 (0.63–0.79)	<0.001	0.74 (0.70–0.83)	<.001	0.74 (0.66–0.82)	<0.001	0.85 (0.77–0.94)	0.002
High-NDVI	0.74 (0.67–0.82)	<0.001	0.77 (0.69–0.86)	<.001	0.74 (0.66–0.84)	<0.001	0.84 (0.75–0.94)	0.003
<i>P</i> for trends		<0.001		<.001		<0.001		0.002
Unknown stroke								
Low-NDVI	REF		REF		REF		REF	
Medium-NDVI	0.90 (0.78–1.02)	0.103	0.90 (0.80–1.02)	0.113	0.89 (0.78–1.01)	0.079	1.04 (0.92–1.18)	0.534
High-NDVI	0.92 (0.82–1.04)	0.194	0.92 (0.81–1.04)	0.202	0.88 (0.76–1.02)	0.099	1.00 (0.87–1.15)	0.963
<i>P</i> for trends		0.213		0.213		0.100		0.986

Individual sociodemographics are age, sex, and race/ethnicity. Neighborhood income is median household income at the census block level. Cardiometabolic risk factors are the presence/absence of diabetes, hypertension and hyperlipidemia, from US Centers for Medicare and Medicaid Services data. NDVI, Normalized Difference Vegetation Index; stroke/TIA, stroke/transient ischemic attack; OR, odds ratio; CI, confidence interval.