

Supplementary Table 1. Overall test for significance between social determinants of health groups (continuous variable) and each vascular risk factor

Variable	F value	Pr > F
Hypertension (>140/90 mm Hg)	153	<0.0001
Hypertension (>130/80 mm Hg)	113	<0.0001
Diabetes mellitus	86	<0.0001
Hypecholesterolemia	18	<0.0001
Obesity	27	<0.0001
Smoking	21	<0.0001
Alcohol use	0.29	0.59

Supplementary Table 2. Logistic regression analysis for the association between number of social determinants of health (SDOH) and prevalent vascular risk (multiple imputation data)

SDOH (number)	Odds ratio (95% confidence interval)					
	Hypertension*	Hypertension [†]	Diabetes mellitus	Hypecholesterolemia	Obesity	Smoking
≤1 (n=4,133)	Reference	Reference	Reference	Reference	Reference	Reference
2 (n=2,517)	1.1 (1.0–1.3)	1.1 (0.9–1.2)	1.1 (1.0–1.3)	1.2 (1.0–1.3)	1.1 (0.9–1.2)	1.4 (1.2–1.7)
3 (n=2,024)	1.3 (1.1–1.5)	1.2 (1.0–1.4)	1.4 (1.2–1.6)	1.2 (1.1–1.4)	1.1 (0.9–1.3)	1.9 (1.6–2.2)
4 (n=1,459)	1.4 (1.2–1.6)	1.2 (1.1–1.4)	1.5 (1.3–1.7)	1.2 (1.1–1.4)	1.2 (1.1–1.4)	1.8 (1.5–2.2)
≥5 (n=1,490)	1.5 (1.3–1.7)	1.3 (1.2–1.5)	2.0 (1.7–2.3)	1.4 (1.2–1.5)	1.4 (1.2–1.6)	2.2 (1.8–2.6)

Analysis adjusted by age and sex, field center, and Hispanic/Latino background.

*Hypertension defined as blood pressure >140/90 mm Hg; [†]Hypertension defined as blood pressure >130/80 mm Hg.

Supplementary Table 3. Weighted Percentages for the total number of vascular risk factors for each the social determinants of health (SDOH) category (multiple imputation data)

Weighted SDOH number	Total number of vascular risk factors Weighted percent (95% confidence interval)						
	0 (n=2,463)	1 (n=3,034)	2 (n=2,677)	3 (n=2,047)	4 (n=1,156)	5 (n=229)	6 (n=17)
≤1 (n=4,133)	27.1 (24.9–29.3)	29.4 (27.3–31.6)	22.1 (20.3–24.0)	13.4 (11.9–14.8)	6.4 (5.5–7.3)	1.3 (0.9–1.7)	0.2 (0.001–0.4)
2 (n=2,517)	21.7 (19.3–24.1)	27.5 (25.0–30.0)	22.0 (19.7–24.2)	17.4 (15.4–19.4)	9.8 (8.3–11.2)	1.6 (1.1–2.1)	0.01 (0.001–0.1)
3 (n=2,024)	19.3 (17.0–21.7)	23.8 (21.3–26.3)	23.4 (21.2–25.7)	20.3 (18.1–22.5)	11.2 (9.7–12.7)	1.9 (1.3–2.4)	0.1 (0.001–0.2)
4 (n=1,459)	14.6 (12.1–17.1)	21.9 (19.3–24.6)	27.6 (25.0–30.2)	20.6 (18.3–22.9)	12.3 (10.2–14.4)	2.7 (1.9–3.4)	0.3 (0.001–0.7)
≥5 (n=1,490)	12.8 (10.4–15.3)	21.8 (19.0–24.5)	22.3 (19.6–24.9)	23.2 (20.9–25.5)	16.1 (14.1–18.1)	3.8 (2.7–5.0)	0.001 (0.001–0.1)