

**Table S1.** The classifications of covariates

Covariates	Classifications
Gender	Female; Male
Age (year)	18-39; 40-59; $\geq 60$
Marital status	Never married/widowed/divorced/separated; Married/living with partner
Race	Mexican American; Non-Hispanic White; Non-Hispanic Black; Other Hispanic; Other race
Poverty income ratio (PIR)	$< 1$ (living below poverty level), $\geq 1$ (living above poverty level)
Educational level	Below high school; High school; Above high school;
Body mass index	$< 25 \text{ kg/m}^2$ ; $25 \text{ to } < 30 \text{ kg/m}^2$ ; $\geq 30 \text{ kg/m}^2$
Smoked at least 100 cigarettes in life	No; Yes
Had at least 12 alcohol drinks/year	No; Yes
Hypertension	No; Yes
Diabetes	No; Yes
Work physical activity	Moderate; Vigorous; Other
Recreational physical activity	Moderate; Vigorous; Other
Total energy intake (kcal/d) <sup>a</sup>	Continuous
Caffeine intake (mg/d) <sup>a</sup>	Continuous
Total saturated fatty acids intake (g/d) <sup>a</sup>	Continuous
Eicosapentaenoic acid (EPA) (g/d) <sup>a</sup>	Continuous
Docosahexaenoic acid (DHA) (g/d) <sup>a</sup>	Continuous
Calcium intake (mg/d) <sup>a</sup>	Continuous

<sup>a</sup> the mean dietary intake through two 24-h dietary data.