

Table S5. Association Between LE8 score and Frailty index, Frailty prevalence, and Moderate/Severe Frailty prevalence.

		Frailty Index		Frailty		Moderate/Severe Frailty	
		β (95% CI)	p	OR (95% CI)	p	OR (95% CI)	p
Model 1	LE8 score (per 10 points)	-0.018 (-0.019, -0.016)	<0.001	0.557 (0.520, 0.596)	<0.001	0.537 (0.476, 0.606)	<0.001
Model 2	LE8 score (per 10 points)	-0.013 (-0.015, -0.012)	<0.001	0.590 (0.546, 0.637)	<0.001	0.567 (0.496, 0.647)	<0.001
Model 3	LE8 score (per 10 points)	-0.012 (-0.013, -0.011)	<0.001	0.622 (0.577, 0.670)	<0.001	0.619 (0.539, 0.712)	<0.001

LE8, life's essential 8. Frailty index ranged from 0 to 1. Frailty was defined as a frailty index ≥ 0.21 . Moderate/Severe frailty was considered when the frailty index exceeded 0.30. OR, odds ratio.

Model 1 was unadjusted for any covariates, and Model 2 included adjustments for age (continuous), sex, race and ethnicity. Model 3 was further adjusted for education levels, marital status, poverty income ratio (continuous), and cancer. All models were survey-weighted regression models.