

Association between leucocyte telomere length and cardiovascular disease in a large general population in the United States

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Running title: telomere length and cardiovascular disease

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Table S1. Multivariable associations of leucocyte telomere length (LTL) with congestive heart failure, coronary heart disease, angina/angina pectoris, heart attack, and stroke risk in U.S. adults 1999–2002.

	Congestive heart failure	Coronary heart disease	Angina/ angina pectoris	Heart attack	Stroke
Case	230	328	278	335	237
Continuous LTL	0.91 (0.68, 1.21)	1.06 (0.82, 1.37)	0.86 (0.58, 1.26)	0.78 (0.52, 1.18)	0.85 (0.59, 1.23)
LTL Quantiles					
<=5.294	Reference	Reference	Reference	Reference	Reference
5.295~5.658	1.08 (0.69, 1.70)	1.19 (0.84, 1.68)	1.32 (0.90, 1.93)	0.76 (0.50, 1.16)	1.18 (0.76, 1.83)
5.659~6.085	1.01 (0.55, 1.87)	1.05 (0.66, 1.66)	1.10 (0.67, 1.81)	0.85 (0.55, 1.31)	0.86 (0.48, 1.53)
>6.085	0.94 (0.55, 1.61)	1.27 (0.75, 2.13)	0.81 (0.37, 1.81)	0.68 (0.37, 1.28)	0.67 (0.38, 1.17)

The result was adjusted for age, sex, race, education levels, cotinine, physical activity, alcohol consumption, energy intake, BMI, diabetes, hypertension, blood cholesterol, and white blood cells.

Table S2. Multivariable associations of leucocyte telomere length (LTL) with cardiovascular risk in U.S. adults 1999–2002.

	OR (95% CI)	P value
LTL		
Linear model	0.80 (0.65,0.99)	0.043
Nonlinear model		0.834
LTL quartiles		
≤5.294	Ref	
(5.294, 5.658]	1.05 (0.78,1.42)	
(5.658, 6.085]	0.85 (0.59,1.24)	
>6.085	0.71 (0.47,1.06)	

Adjusted for age, sex, race, education levels, cotinine, physical activity, drinking, and energy intake.

