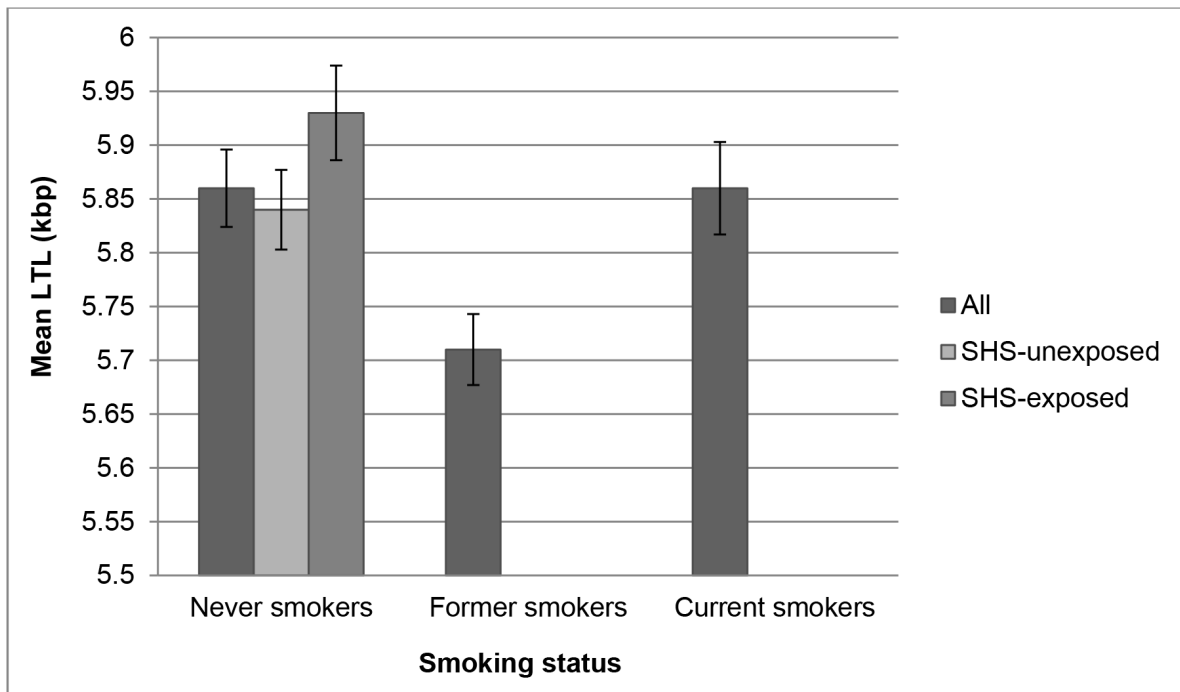


Smoking, second-hand smoke exposure and smoking cessation in relation to leukocyte telomere length and mortality

SUPPLEMENTARY FIGURE AND TABLES



Supplementary Figure S1: Weighted mean telomere length in kilo base pairs (kbp) among current, former and never smokers, overall. Never smokers were stratified by any self-reported SHS exposure (either at home or workplace).

Supplementary Table S1: Univariable associations between covariates and mean LTL in base pairs

	Mean LTL difference (bp)	95% CI
Age, years	-14	-16, -13
Sex		
Male	Reference	
Female	11	-32, 55
Race/ethnicity		
Non Hispanic white	Reference	
Non Hispanic black	160	83, 236
Mexican American	24	-95, 144
Other	104	-55, 265
PIR		
Education		
Less than high school	Reference	
High school	80	20, 140
Higher education	141	81, 201
Vigorously active		
No	Reference	
Yes	176	116, 234
Body mass index (BMI), kg/m²	-9	-12, -5
Alcohol consumption		
Never	Reference	
Up to once a week	-110	-247, 27
2–3 times per week	-7	-186, 171
4 times per week or more	-139	-299, 19

Supplementary Table S2: The association between smoking status and mean LTL in base pairs

	Model 1 ¹		Model 2 ²		Model 3 ³	
	Mean LTL difference (bp)	95% CI	Mean LTL difference (bp)	95% CI	Mean LTL difference (bp)	95% CI
Self-reported history						
Current smokers						
vs former smokers	-37	-87 to 12	-25	-73 to 22	-35	-86 to 15
vs never smokers	-50	-105 to 5	-36	-88 to 17	-35	-85 to 15
Former smokers						
vs never smokers	-12	-51 to 27	-10	-47 to 27	0.2	-35 to 36
Cotinine-confirmed						
Current smokers						
vs former smokers	-42	-90 to 5	-32	-78,13	-42	-90 to 6
vs never smokers	-55	-102 to -8	-43	-86 to 1	-43	-85 to -1
Former smokers						
vs never smokers	-14	-59 to 32	-12	-54 to 31	-1	-41 to 38

¹Adjusted for age (continuous), sex, and race/ethnicity.

²Adjusted for age (continuous), sex, race/ethnicity, PIR, and education.

³Adjusted for age (continuous), sex, race/ethnicity, PIR, education, BMI (continuous), vigorous physical activity, and alcohol consumption.

Supplementary Table S3: Overview of previous studies on smoking and telomere length

See Supplementary File 1