

Supplementary Online Content

Golaszewski NM, LaCroix AZ, Godino JG, et al. Evaluation of social isolation, loneliness, and cardiovascular disease among older women in the US. *JAMA Netw Open*. 2022;5(2):e2146461. doi:10.1001/jamanetworkopen.2021.46461

eTable. Hazard Ratios for the Associations of Social Isolation and Loneliness Accounting for Competing Risk of Nonmajor CVD Death (N = 57 825)

eAppendix. Cubic Spline Analyses With 3, 4, and 5 Knots to Model Social Isolation (Panel A) and Loneliness (Panel B) in Relation to Risk for CVD Among Older Women (N = 57 825)

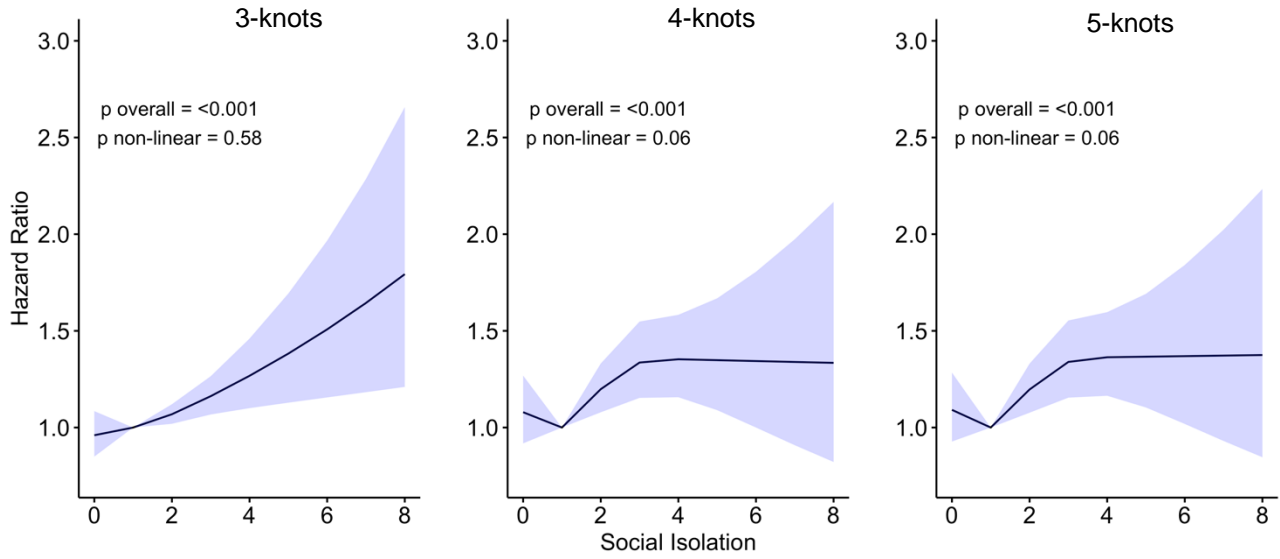
This supplementary material has been provided by the authors to give readers additional information about their work.

eTable 1. Hazard Ratios for the Associations of Social Isolation and Loneliness accounting for Competing Risk of Non-major CVD death (n=57,825)

	Social Isolation^e		Loneliness^f	
	HR (95% CI)		HR (95% CI)	
	Main Analysis	Competing Risk	Main Analysis	Competing Risk
Model 1 ^a	1.18 (1.13 - 1.23)	1.17 (1.12-1.21)	1.14 (1.10 - 1.18)	1.12 (1.08-1.16)
Model 2 ^b	1.16 (1.11 - 1.20)	1.14 (1.1-1.19)	1.11 (1.07 - 1.15)	1.10 (1.06-1.14)
Model 3 ^c	1.13 (1.09 - 1.18)	1.12 (1.07-1.17)	1.10 (1.06 - 1.14)	1.08 (1.05-1.12)
Model 4 ^d	1.08 (1.03 - 1.12)	1.07 (1.02-1.11)	1.05 (1.01 - 1.09)	1.04 (1.00-1.08)
a Model 1 was adjusted for age, race/ethnicity, education, and depression.				
b Model 2 was adjusted for Model 1 plus either loneliness or social isolation depending on the exposure.				
c Model 3 was adjusted for Model 2 plus smoking status, frequency of alcohol consumption, history of depression, physical activity, and diet.				
d Model 4 was adjusted for Model 3 plus history of diabetes, hypertension medication use, hyperlipidemia medication use, overall health, and physical function.				
e Median for social isolation is 1.				
f Median for loneliness is 0.33.				
* CVD: cardiovascular disease; HR: hazard ratio; CI: confidence interval				
** Main analysis appears in Table 2 of the manuscript.				

eAppendix. Cubic spline analyses with 3, 4, and 5 knots to model social isolation (Panel A) and loneliness (Panel B) in relation to risk for CVD among older women (n=57,825)

Panel A



Panel B

