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Title

Erratum to: Marital histories, marital support, and bone density: findings from the Midlife in the United States Study

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Abstract

Results Compared to stably married men, men who were currently divorced, widowed, or separated, men who were currently married but previously divorced, widowed, or separated, and never married men had 0.34 (95 % CI: 0.01, 0.67), 0.38 (95 % CI: 0.09, 0.68), and 0.53 (95 % CI: 0.22, 0.84) standard deviations lower lumbar spine BMD, respectively.

An error in standardization of effect sizes for the marital history variable was discovered. The corrected effect sizes are slightly different from those given in the first sentence of the Results paragraph of the Abstract and in the third paragraph of the Results section in the main text, and the corrected passages are provided here.

Results

Those who had never married had 0.28 SD lower BMD at the lumbar spine (95 % CI: -0.51 to -0.04), and those who are currently divorced, widowed, separated had 0.25 SD lower lumbar spine BMD (95 % CI: -0.45 , -0.05) compared with participants who were currently married and never divorced, widowed, or separated (Table 2: Model 2). There was marginal evidence that the association between never married and lower BMD differed by gender ($p = 0.08$); thus, we ran stratified models. The gender-stratified models demonstrated that among men, those who were never married, and those currently married/previously divorced, widowed, separated had lower lumbar spine BMD (0.53 SD lower BMD, 95 % CI: -0.84 to -0.22 , and 0.38 SD lower BMD, 95 % CI: -0.68 to -0.09 , respectively), but this was not the case among women (Table 2: Model 2).

Table 2.

Effect size and 95% confidence interval for adjusted associations of various aspects of marital status and lumbar spine BMD. Effect sizes expressed in multiples of the BMD standard deviation (SD)

	Full sample	Men	Women
MODEL 1: Marital Status^a			
Currently married ^b	0.19* (0.03, 0.35)	0.29* (0.04, 0.53)	0.12 (-0.09, 0.32)
MODEL 2: Marital History^a			
Married: previously divorced, widowed, or separated ^c	-0.20* (-0.40, -0.002)	-0.38* (-0.68, -0.09)	-0.10 (-0.36, 0.16)
Currently divorced, widowed, or separated ^c	-0.25* (-0.45, -0.05)	-0.34* (-0.67, -0.01)	-0.18 (-0.43, 0.07)
Never married ^c	-0.28* (-0.51, -0.04)	-0.53** (-0.84, -0.22)	-0.09 (-0.42, 0.23)
MODEL 3: Early marriage^{a,d}			
Per year of marriage prior to age 25	-0.03~ (-0.07, 0.00)	-0.07* (-0.13, -0.002)	-0.02 (-0.06, 0.03)
MODEL 4: Marital quality^{a,d,e}			
Average spouse support (per unit increase in Likert scale)	0.19* (0.01, 0.37)	0.12 (-0.20, 0.44)	0.35** (0.10, 0.59)

^aAll models adjusted for age, gender, race, education, financial advantage, clinic site, body weight, menopause transition stage, smoking status, physical activity, and use of serotonin reuptake inhibitors.

^bCurrently married (regardless of previous divorce or separation) versus everyone else.

^cReference group= currently married: never divorced, widowed, or separated.

^dAmong those ever married.

^eIncludes additional control variables for marital history, and support from other sources. Due to missing data regarding support, n's for these models are: 388 (full sample), 202 (males), 186 (females).

~ p < .10;

* p < .05;

** < .01