

**Supplementary Table S6.** The associations between age at natural menopause and dementia with cardiovascular diseases (CVD) being adjusted or not.

Age at natural menopause	All cause dementia		Alzheimer's Disease		Vascular dementia (VD)	
	CVD not adjusted	CVD adjusted	CVD not adjusted	CVD adjusted	CVD not adjusted	CVD adjusted
≤40	1.44 (1.08, 1.94)	1.36 (1.01, 1.83)	1.56 (1.03, 2.36)	1.48 (0.98, 2.25)	1.74 (0.96, 3.16)	1.59 (0.88, 2.88)
41–45	1.22 (1.06, 1.40)	1.19 (1.03, 1.37)	1.05 (0.85, 1.31)	1.04 (0.84, 1.29)	1.29 (0.95, 1.76)	1.25 (0.92, 1.70)
46–50	1	1	1	1	1	1
51–55	0.82 (0.73, 0.91)	0.83 (0.74, 0.92)	0.83 (0.71, 0.98)	0.84 (0.72, 0.98)	0.79 (0.61, 1.01)	0.80 (0.62, 1.03)
>55	0.83 (0.71, 0.97)	0.83 (0.71, 0.98)	0.74 (0.58, 0.95)	0.74 (0.58, 0.95)	0.77 (0.53, 1.11)	0.78 (0.54, 1.12)

All models were adjusted age at baseline, race, BMI education level, income level, leisure activities, cigarette smoking, alcohol drinking, and APOE (apolipoprotein E), ever-used menopausal hormone therapy (MHT) at baseline.