

Supplementary Table SII Association between age at menopause, age at hysterectomy and cancer mortality.

Age at menopause or age at hysterectomy (number of women)	Number of cancer deaths	Model I HR (95% CI)	Model II HR (95% CI)
Natural menopause			
<40 (2548)	50	1.51 (1.13, 2.01)	1.21 (0.90, 1.63)
40–44 (10 045)	195	1.31 (1.12, 1.53)	1.19 (1.01, 1.40)
45–49 (32 274)	582	1.29 (1.15, 1.43)	1.19 (1.06, 1.33)
50–52 (50 345)	773	Reference	Reference
≥53 (41 578)	644	0.94 (0.84, 1.04)	0.98 (0.88, 1.09)
Surgical menopause			
<40 (2534)	41	1.31 (0.95, 1.79)	1.11 (0.81, 1.53)
40–44 (3652)	64	1.45 (1.13, 1.88)	1.23 (0.95, 1.60)
45–49 (6064)	90	1.03 (0.83, 1.28)	0.98 (0.78, 1.23)
50–52 (3405)	51	0.85 (0.64, 1.13)	0.88 (0.66, 1.18)
≥53 (1914)	40	1.14 (0.83, 1.57)	1.28 (0.93, 1.75)
Hysterectomy			
<40 (9054)	157	1.19 (1.00, 1.41)	1.11 (0.93, 1.32)
40–44 (7953)	127	0.98 (0.81, 1.18)	0.96 (0.79, 1.17)
45–49 (4985)	76	0.87 (0.68, 1.10)	0.90 (0.70, 1.14)
50–52 (1269)	14	0.63 (0.37, 1.06)	0.68 (0.39, 1.18)
≥53 (759)	11	0.82 (0.45, 1.49)	0.93 (0.51, 1.68)

Model I: included age at menopause or age at hysterectomy; Model II: adjusted for race/ethnicity, year of birth, BMI, smoking, years of education, age at menarche, parity and family history of cancer.

HR, hazard ratio.