

**Supplemental Table S4.** Incidence of Cardiovascular Disease or Mortality According to Waist Circumference

	WC, cm	Event	FU duration, PY	Incidence, /1,000 PY	Model 1		Model 2		Model 3	
					HR (95% CI)	P value	HR (95% CI)	P value	HR (95% CI)	P value
Premenopausal women										
MI	<65.0	255	550,440	0.46	0.678 (0.596–0.771)	<0.001	0.803 (0.705–0.914)	0.001	0.814 (0.715–0.927)	0.002
	65.0–74.9	2,231	4,228,770	0.53	0.771 (0.728–0.817)	<0.001	0.854 (0.806–0.905)	<0.001	0.864 (0.815–0.915)	<0.001
	75.0–84.9	2,449	3,575,053	0.69	1 (reference)		1 (reference)		1 (reference)	
	85.0–94.9	878	954,832	0.92	1.341 (1.242–1.449)	<0.001	1.214 (1.123–1.312)	<0.001	1.185 (1.096–1.281)	<0.001
	≥95.0	200	166,368	1.20	1.757 (1.521–2.029)	<0.001	1.479 (1.279–1.711)	<0.001	1.380 (1.192–1.598)	<0.001
Stroke	<65.0	252	550,288	0.46	0.593 (0.522–0.675)	<0.001	0.768 (0.675–0.875)	<0.001	0.782 (0.687–0.891)	<0.001
	65.0–74.9	2,283	4,227,477	0.54	0.700 (0.662–0.739)	<0.001	0.822 (0.777–0.870)	<0.001	0.834 (0.788–0.882)	<0.001
	75.0–84.9	2,759	3,572,811	0.77	1 (reference)		1 (reference)		1 (reference)	
	85.0–94.9	1,062	953,686	1.11	1.442 (1.343–1.548)	<0.001	1.220 (1.136–1.311)	<0.001	1.183 (1.101–1.271)	<0.001
	≥95.0	242	166,169	1.46	1.889 (1.656–2.154)	<0.001	1.398 (1.224–1.596)	<0.001	1.281 (1.120–1.464)	<0.001
Mortality	<65.0	452	551,214	0.82	0.988 (0.895–1.091)	0.811	1.156 (1.046–1.278)	0.004	1.172 (1.061–1.295)	0.002
	65.0–74.9	3,096	4,235,856	0.73	0.880 (0.837–0.926)	<0.001	0.970 (0.922–1.020)	0.2367	0.981 (0.932–1.033)	0.465
	75.0–84.9	2,976	3,583,379	0.83	1 (reference)		1 (reference)		1 (reference)	
	85.0–94.9	1,022	957,937	1.07	1.284 (1.196–1.379)	<0.001	1.166 (1.085–1.253)	<0.001	1.132 (1.053–1.216)	0.001
	≥95.0	280	167,084	1.68	2.020 (1.787–2.283)	<0.001	1.701 (1.503–1.926)	<0.001	1.560 (1.377–1.768)	<0.001
Postmenopausal women										
MI	<65.0	290	236,126	1.23	0.666 (0.592–0.748)	<0.001	0.855 (0.761–0.962)	0.009	0.874 (0.778–0.983)	0.025
	65.0–74.9	3,694	2,780,413	1.33	0.719 (0.692–0.747)	<0.001	0.864 (0.831–0.897)	<0.001	0.879 (0.846–0.913)	<0.001
	75.0–84.9	9,545	5,155,572	1.85	1 (reference)		1 (reference)		1 (reference)	
	85.0–94.9	6,256	2,386,916	2.62	1.415 (1.370–1.460)	<0.001	1.219 (1.181–1.259)	<0.001	1.186 (1.148–1.225)	<0.001
	≥95.0	1,517	455,293	3.33	1.801 (1.706–1.902)	<0.001	1.421 (1.345–1.501)	<0.001	1.326 (1.255–1.401)	<0.001
Stroke	<65.0	458	235,457	1.95	0.711 (0.648–0.781)	<0.001	1.001 (0.912–1.099)	0.985	1.030 (0.938–1.131)	0.535
	65.0–74.9	5,248	2,772,961	1.89	0.692 (0.670–0.714)	<0.001	0.888 (0.860–0.917)	<0.001	0.908 (0.879–0.937)	<0.001
	75.0–84.9	14,045	5,134,482	2.74	1 (reference)		1 (reference)		1 (reference)	
	85.0–94.9	8,879	2,374,265	3.74	1.368 (1.332–1.405)	<0.001	1.122 (1.092–1.152)	<0.001	1.086 (1.057–1.115)	<0.001
	≥95.0	2,221	452,212	4.91	1.799 (1.720–1.881)	<0.001	1.313 (1.255–1.374)	<0.001	1.212 (1.158–1.268)	<0.001
Mortality	<65.0	828	237,007	3.49	1.157 (1.079–1.241)	<0.001	1.511 (1.409–1.621)	<0.001	1.507 (1.405–1.617)	<0.001
	65.0–74.9	7,279	2,792,643	2.61	0.862 (0.839–0.887)	<0.001	1.070 (1.040–1.100)	<0.001	1.083 (1.053–1.114)	<0.001
	75.0–84.9	15,706	5,188,530	3.03	1 (reference)		1 (reference)		1 (reference)	
	85.0–94.9	9,137	2,409,354	3.79	1.252 (1.220–1.284)	<0.001	1.055 (1.028–1.083)	<0.001	1.026 (1.000–1.053)	0.053
	≥95.0	2,525	460,671	5.48	1.811 (1.737–1.889)	<0.001	1.390 (1.332–1.451)	<0.001	1.294 (1.239–1.35)	<0.001

Model 1: without adjustment; Model 2: with adjustment for age, smoking, drinking history, low income, regular exercise, hormone replacement therapy (in the case of postmenopausal women), hypertension, dyslipidemia, and estimated glomerular filtration rate <60 mL/min/1.73 m<sup>2</sup>; Model 3: with adjustment for diabetes mellitus in addition to Model 2.

WC, waist circumference; FU, follow-up; PY, person-year; HR, hazard ratio; CI, confidence interval; MI, myocardial infarction.