

Supplemental Table S3. HR and 95% CI for Dementia According to the Metabolic Syndrome Component Exposure Score

	All-cause dementia			Alzheimer's disease			Vascular dementia					
	No. of events	IR ^a	Model 1	Model 2	No. of events	IR ^a	Model 1	Model 2	No. of events	IR ^a	Model 1	Model 2
0 (n=83,680)	114	0.26	1 (reference)	1 (reference)	86	0.20	1 (reference)	1 (reference)	19	0.04	1 (reference)	1 (reference)
1 (n=106,233)	237	0.43	1.39 (1.11-1.74)	1.35 (1.08-1.69)	186	0.34	1.43 (1.11-1.85)	1.39 (1.07-1.79)	31	0.06	1.09 (0.62-1.94)	1.09 (0.61-1.92)
2 (n=113,230)	336	0.57	1.61 (1.30-2.00)	1.57 (1.26-1.94)	245	0.42	1.54 (1.20-1.97)	1.49 (1.16-1.91)	48	0.08	1.38 (0.81-2.36)	1.37 (0.80-2.33)
3 (n=117,143)	385	0.63	1.61 (1.31-1.99)	1.58 (1.28-1.95)	286	0.47	1.57 (1.23-2.01)	1.54 (1.21-1.96)	54	0.09	1.35 (0.80-2.28)	1.33 (0.78-2.25)
4 (n=132,372)	526	0.77	1.69 (1.38-2.07)	1.64 (1.33-2.01)	357	0.52	1.50 (1.18-1.90)	1.45 (1.15-1.85)	111	0.16	2.12 (1.30-3.47)	2.06 (1.26-3.38)
5 (n=125,688)	554	0.85	1.73 (1.41-2.13)	1.66 (1.35-2.04)	390	0.60	1.59 (1.25-2.02)	1.52 (1.20-1.93)	98	0.15	1.82 (1.11-3.00)	1.76 (1.07-2.90)
6 (n=118,843)	586	0.95	1.82 (1.48-2.24)	1.73 (1.41-2.12)	409	0.66	1.66 (1.31-2.11)	1.57 (1.24-1.99)	110	0.18	2.03 (1.23-3.34)	1.93 (1.18-3.18)
7 (n=109,465)	606	1.07	1.96 (1.60-2.41)	1.85 (1.51-2.27)	414	0.73	1.75 (1.38-2.22)	1.65 (1.30-2.09)	116	0.20	2.21 (1.35-3.64)	2.09 (1.27-3.45)
8 (n=107,356)	629	1.13	2.03 (1.65-2.50)	1.90 (1.55-2.33)	433	0.78	1.83 (1.44-2.33)	1.71 (1.34-2.17)	119	0.21	2.23 (1.36-3.68)	2.10 (1.27-3.46)
9 (n=90,758)	556	1.18	2.08 (1.69-2.57)	1.91 (1.55-2.35)	403	0.86	1.97 (1.55-2.51)	1.80 (1.41-2.30)	93	0.20	2.03 (1.22-3.39)	1.88 (1.13-3.14)
10 (n=79,277)	486	1.18	2.02 (1.63-2.50)	1.84 (1.48-2.27)	339	0.83	1.83 (1.42-2.34)	1.66 (1.30-2.13)	102	0.25	2.49 (1.49-4.15)	2.29 (1.37-3.81)
11 (n=67,117)	472	1.36	2.30 (1.85-2.85)	2.10 (1.69-2.61)	310	0.89	1.97 (1.53-2.53)	1.80 (1.40-2.31)	101	0.29	2.85 (1.70-4.77)	2.61 (1.56-4.36)
12 (n=62,939)	447	1.38	2.27 (1.83-2.82)	2.04 (1.65-2.54)	292	0.90	1.93 (1.50-2.49)	1.74 (1.35-2.24)	106	0.33	3.13 (1.87-5.23)	2.82 (1.68-4.71)
13 (n=48,502)	336	1.34	2.17 (1.73-2.71)	1.89 (1.51-2.36)	247	0.99	2.07 (1.60-2.68)	1.79 (1.38-2.33)	50	0.20	1.88 (1.08-3.27)	1.66 (0.95-2.89)
14 (n=38,612)	298	1.50	2.37 (1.89-2.98)	2.09 (1.66-2.63)	209	1.05	2.16 (1.65-2.81)	1.90 (1.46-2.49)	55	0.28	2.54 (1.46-4.40)	2.24 (1.29-3.88)
15 (n=29,319)	224	1.48	2.35 (1.85-2.99)	2.07 (1.63-2.63)	149	0.99	2.03 (1.53-2.69)	1.78 (1.34-2.36)	57	0.38	3.45 (1.99-5.99)	3.02 (1.74-5.24)
16 (n=26,395)	229	1.69	2.45 (1.93-3.11)	2.08 (1.64-2.64)	165	1.22	2.29 (1.74-3.02)	1.94 (1.47-2.56)	34	0.25	2.10 (1.17-3.80)	1.79 (0.99-3.23)
17 (n=14,468)	121	1.63	2.40 (1.83-3.14)	2.04 (1.55-2.67)	82	1.10	2.10 (1.53-2.90)	1.79 (1.30-2.47)	28	0.38	3.20 (1.73-5.93)	2.72 (1.46-5.04)
18 (n=9,570)	90	1.83	2.73 (2.04-3.65)	2.40 (1.79-3.21)	62	1.26	2.44 (1.73-3.44)	2.15 (1.52-3.03)	18	0.37	3.11 (1.58-6.14)	2.67 (1.36-5.28)
19 (n=6,384)	54	1.65	2.59 (1.85-3.63)	2.21 (1.58-3.10)	31	0.95	1.93 (1.26-2.96)	1.66 (1.09-2.55)	13	0.40	3.51 (1.68-7.34)	2.93 (1.40-6.14)
20 (n=5,425)	55	1.99	3.09 (2.20-4.32)	2.62 (1.87-3.68)	37	1.34	2.73 (1.82-4.09)	2.33 (1.55-3.49)	9	0.33	2.77 (1.21-6.34)	2.30 (1.00-5.27)
P for trend			<0.0001	<0.0001			<0.0001	<0.0001			<0.0001	<0.0001

Model 1: adjusted for age, sex, alcohol drinking, smoking, regular exercise, income status, systolic blood pressure, waist circumference, fasting glucose, triglyceride, and high-density lipoprotein cholesterol levels; Model 2: adjusted for model 1+ischemic heart disease, stroke, depression, and Parkinson's disease.

HR, hazard ratio; CI, confidence interval; IR, incidence rate.

^aPer 1,000 person-years.