

Supplemental Table S2. HR and 95% CI for Dementia According to the Cumulative Number of Individual Metabolic Syndrome Components

	All-cause dementia			Alzheimer's disease			Vascular dementia		
	No. of events	IR ^a	HR (95% CI)	No. of events	IR ^a	HR (95% CI)	No. of events	IR ^a	HR (95% CI)
BP									
0 (n=402,145)	973	0.47	1 (reference)	735	0.35	1 (reference)	137	0.07	1 (reference)
1 (n=261,172)	925	0.68	1.11 (1.01–1.22)	669	0.49	1.06 (0.95–1.18)	158	0.12	1.35 (1.07–1.70)
2 (n=211,342)	958	0.88	1.15 (1.05–1.26)	668	0.61	1.05 (0.94–1.17)	174	0.16	1.48 (1.17–1.87)
3 (n=194,457)	1,135	1.13	1.23 (1.12–1.35)	797	0.79	1.14 (1.02–1.27)	215	0.21	1.65 (1.31–2.08)
4 (n=423,660)	3,350	1.53	1.26 (1.16–1.37)	2,263	1.03	1.10 (1.00–1.22)	688	0.31	1.89 (1.53–2.33)
P for trend			<0.0001			0.0458			<0.0001
WC									
0 (n=1,023,438)	4,337	0.82	1 (reference)	3,054	0.58	1 (reference)	806	0.15	1 (reference)
1 (n=168,082)	970	1.12	1.08 (1.00–1.17)	671	0.77	1.04 (0.95–1.14)	169	0.19	1.03 (0.86–1.24)
2 (n=98,996)	677	1.33	1.21 (1.10–1.32)	489	0.96	1.21 (1.09–1.35)	120	0.24	1.16 (0.94–1.44)
3 (n=85,774)	575	1.30	1.16 (1.04–1.28)	391	0.88	1.10 (0.97–1.24)	117	0.26	1.26 (0.99–1.58)
4 (n=116,486)	782	1.30	1.18 (1.06–1.31)	527	0.88	1.12 (0.99–1.27)	160	0.27	1.24 (0.97–1.57)
P for trend			0.0002			0.0246			0.0295
Fasting glucose									
0 (n=536,419)	1,940	0.70	1 (reference)	1,354	0.49	1 (reference)	369	0.13	1 (reference)
1 (n=337,939)	1,501	0.86	1.03 (0.96–1.10)	1,065	0.61	1.06 (0.98–1.15)	255	0.15	0.89 (0.76–1.05)
2 (n=224,782)	1,101	0.95	1.04 (0.97–1.13)	757	0.65	1.06 (0.96–1.16)	221	0.19	1.03 (0.87–1.22)
3 (n=164,370)	957	1.13	1.10 (1.01–1.19)	687	0.81	1.17 (1.06–1.29)	172	0.20	0.95 (0.78–1.14)
4 (n=229,266)	1,842	1.56	1.23 (1.14–1.33)	1,269	1.07	1.28 (1.17–1.41)	355	0.30	1.07 (0.89–1.28)
P for trend			<0.0001			<0.0001			0.4257
Triglycerides									
0 (n=594,746)	2,612	0.85	1 (reference)	1,857	0.60	1 (reference)	467	0.15	1 (reference)
1 (n=258,344)	1,369	1.02	1.09 (1.02–1.17)	963	0.72	1.09 (1.01–1.18)	238	0.18	1.00 (0.85–1.17)
2 (n=191,878)	1,037	1.04	1.06 (0.98–1.15)	715	0.72	1.05 (0.96–1.15)	208	0.21	1.09 (0.91–1.30)
3 (n=178,767)	929	1.00	1.06 (0.98–1.16)	643	0.69	1.06 (0.96–1.18)	170	0.18	0.94 (0.77–1.15)
4 (n=269,041)	1,394	1.00	1.08 (0.99–1.17)	954	0.69	1.08 (0.98–1.19)	289	0.21	1.03 (0.86–1.25)
P for trend			0.1188			0.2031			0.8688
HDL-C									
0 (n=854,394)	3,584	0.81	1 (reference)	2,475	0.56	1 (reference)	675	0.15	1 (reference)
1 (n=233,143)	1,256	1.04	1.11 (1.04–1.18)	908	0.75	1.14 (1.05–1.23)	226	0.19	1.09 (0.93–1.28)
2 (n=140,107)	830	1.14	1.09 (1.00–1.18)	587	0.81	1.08 (0.98–1.19)	152	0.21	1.13 (0.94–1.36)
3 (n=112,765)	656	1.12	1.11 (1.01–1.21)	452	0.77	1.07 (0.96–1.19)	129	0.22	1.24 (1.01–1.51)
4 (n=152,367)	1,015	1.30	1.19 (1.10–1.28)	710	0.91	1.17 (1.07–1.28)	190	0.24	1.23 (1.04–1.47)
P for trend			<0.0001			0.0025			0.0070
MetS									
0 (n=789,674)	2,835	0.69	1 (reference)	2,018	0.49	1 (reference)	496	0.12	1 (reference)
1 (n=245,219)	1,275	1.00	1.11 (1.03–1.19)	896	0.71	1.09 (1.01–1.19)	233	0.18	1.13 (0.96–1.34)
2 (n=157,966)	966	1.18	1.12 (1.03–1.21)	659	0.81	1.06 (0.97–1.17)	194	0.24	1.28 (1.06–1.53)
3 (n=128,741)	910	1.37	1.22 (1.12–1.33)	622	0.93	1.16 (1.05–1.29)	179	0.27	1.33 (1.10–1.62)
4 (n=171,176)	1,355	1.54	1.23 (1.14–1.34)	937	1.06	1.19 (1.08–1.31)	270	0.31	1.36 (1.13–1.64)
P for trend			<0.0001			0.0004			0.0005

Adjusted for age, sex, alcohol drinking, smoking, regular exercise, income status, systolic BP, WC, fasting glucose, triglyceride, and HDL-C levels, ischemic heart disease, stroke, depression, and Parkinson's disease (model 2).

HR, hazard ratio; CI, confidence interval; IR, incidence rate; BP, blood pressure; WC, waist circumference; HDL-C, high-density lipoprotein cholesterol; MetS, metabolic syndrome.

^aPer 1,000 person-years.