Supplementary Table 1. Hazard ratios and population attributable fractions of stroke subtypes

	No. at risk	Person-years	No. of cases	Crude incidence, per 1,000 person-years	Age- and sex-adjusted HR (95% CI)	Multivariable HR (95% CI)*	PAF (%) (95% CI)
Subarachnoid hemorrhage							
Hypertension	46,010	873,269	317	0.4	1.45 (1.19–1.75)	1.54 (1.26–1.87)	23 (12–32)
Non HDL-C							
Low	3,559	65,492	22	0.3	1.72 (1.11–2.66)	1.65 (1.06–2.56)	2 (0–4)
High	25,216	502,764	143	0.3	0.94 (0.77–1.15)	0.96 (0.78–1.17)	-
Low HDL-C	11,608	222,267	67	0.3	1.14 (0.88–1.48)	1.19 (0.91–1.56)	-
Hypertriglyceridemia	10,167	203,174	46	0.2	0.82 (0.61–1.11)	0.83 (0.60–1.15)	-
Hyperglycemia	14,916	278,868	75	0.3	0.93 (0.73–1.20)	0.91 (0.71–1.17)	-
Atrial fibrillation	565	8,067	2	0.2	0.73 (0.18–2.94)	0.74 (0.19–2.99)	-
Body weight							
Over	28,472	572,126	143	0.2	0.89 (0.73–1.09)	0.86 (0.70–1.06)	-
Under	3,730	64,479	24	0.4	1.21 (0.80–1.84)	1.19 (0.78–1.81)	-
Smoking status							
Past	9,141	168,988	26	0.2	0.84 (0.52–1.36)	0.85 (0.52–1.38)	-
Current	19,005	348,949	101	0.3	1.83 (1.34–2.49)	1.84 (1.34–2.53)	9 (4–14)
Drinking status							
Past	1,927	30,727	12	0.4	1.49 (0.80–2.75)	1.52 (0.82–2.82)	-
Current	26,649	512,905	101	0.2	0.97 (0.73–1.28)	0.89 (0.67–1.18)	-
Intracerebral hemorrhage							
Hypertension	46,010	873,269	594	0.7	1.32 (1.14–1.51)	1.37 (1.18–1.58)	18 (9–25)
Non HDL-C							
Low	3,559	65,492	51	0.8	1.79 (1.35–2.39)	1.74 (1.30–2.33)	2 (1–4)
High	25,216	502,764	227	0.5	0.85 (0.73–0.99)	0.85 (0.72–0.99)	-4 (-9–0)
Low HDL-C	11,608	222,267	127	0.6	1.05 (0.87–1.26)	1.07 (0.88–1.31)	-
Hypertriglyceridemia	10,167	203,174	92	0.5	0.96 (0.78–1.18)	0.98 (0.78–1.23)	-
Hyperglycemia	14,916	278,868	186	0.7	1.20 (1.02–1.41)	1.17 (1.00–1.38)	3 (0–6)
Atrial fibrillation	565	8,067	16	2.0	2.51 (1.53–4.11)	2.56 (1.56–4.21)	1 (0–2)
Body weight							
Over	28,472	572,126	266	0.5	0.97 (0.84–1.12)	0.96 (0.83–1.12)	-
Under	3,730	64,479	53	0.8	1.42 (1.07–1.88)	1.36 (1.02–1.81)	2 (0–3)
Smoking status							
Past	9,141	168,988	100	0.6	1.00 (0.76–1.31)	1.01 (0.77–1.34)	-
Current	19,005	348,949	232	0.7	1.52 (1.23–1.89)	1.52 (1.22–1.89)	9 (4–13)
Drinking status							
Past	1,927	30,727	26	0.8	0.99 (0.65–1.50)	0.95 (0.63–1.44)	-
Current	26,649	512,905	259	0.5	0.93 (0.77–1.12)	0.85 (0.70–1.02)	-
Ischemic stroke							
Hypertension	46,010	873,269	1,726	2.0	1.48 (1.35–1.62)	1.48 (1.35–1.63)	23 (18–28)
Non HDL-C							
Low	3,559	65,492	102	1.6	1.40 (1.15–1.72)	1.36 (1.11–1.66)	1 (0–2)
High	25,216	502,764	686	1.4	1.03 (0.94–1.13)	1.04 (0.95–1.14)	-
Low HDL-C	11,608	222,267	370	1.7	1.14 (1.02–1.28)	1.19 (1.06–1.33)	2 (1–4)
Hypertriglyceridemia	10,167	203,174	230	1.1	0.96 (0.84–1.09)	0.88 (0.76–1.02)	-
Hyperglycemia	14,916	278,868	544	2.0	1.32 (1.20–1.45)	1.26 (1.14–1.39)	5 (3–7)

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Supplementary Table 1. Continued

	No. at risk	Person-years	No. of cases	Crude incidence, per 1,000 person-years	Age- and sex-adjusted HR (95% CI)	Multivariable HR (95% CI)*	PAF (%) (95% CI)
Atrial fibrillation	565	8,067	80	9.9	3.96 (3.16–4.96)	3.98 (3.18–4.99)	2 (2–3)
Body weight							
Over	28,472	572,126	725	1.3	1.05 (0.96–1.15)	0.99 (0.91–1.09)	-
Under	3,730	64,479	133	2.1	1.24 (1.04–1.48)	1.30 (1.09–1.55)	1 (0–2)
Smoking status							
Past	9,141	168,988	317	1.9	0.91 (0.78–1.06)	0.88 (0.76–1.03)	-
Current	19,005	348,949	574	1.6	1.25 (1.10–1.43)	1.22 (1.07–1.39)	4 (1–7)
Drinking status							
Past	1,927	30,727	86	2.8	1.13 (0.90–1.43)	1.04 (0.82–1.31)	-
Current	26,649	512,905	755	1.5	1.12 (1.01–1.25)	1.07 (0.96–1.20)	2 (-1–5)

PAF was calculated only when the HR with adjustment for age and sex was significant ($P<0.05$).

HR, hazard ratio; CI, confidence interval; PAF, population attributable fraction; HDL-C, high-density lipoprotein cholesterol.

*Adjusted for age, sex, hypertension, low non HDL-C, high non HDL-C, low HDL-C, hypertriglyceridemia, hyperglycemia, atrial fibrillation, body weight, and smoking and drinking status.