

**Table S1. Comparison between participants with and without incident cerebral infarction.**

Characteristic	Without incident cerebral infarction	With incident cerebral infarction	<i>P</i> -value*
	(N=112,927)	(N=1,450)	
Person-year (average)	4.36± (0.44)	2.50± (1.29)	<0.001
Age (years)	57.0 ± (8.3)	65.1 ± (9.4)	<0.001
BMI (kg/m <sup>2</sup> )	24.0 ± (2.8)	23.9 ± (2.8)	0.185
Systolic BP (mmHg)	126.3 ± (14.7)	131.2 ± (16.8)	<0.001
Diastolic BP (mmHg)	78.9 ± (9.8)	79.9 ± (10.7)	<0.001
Total cholesterol (mg/dL)	196.2 ± (36.4)	196.3 ± (38.4)	0.965
Triglyceride (mg/dL)	153.1 ± (103.5)	159.1 ± (107.3)	0.028
HDL-cholesterol (mg/dL)	53.2 ± (29.7)	52.2 ± (35.9)	0.305
LDL-cholesterol (mg/dL)	114.2 ± (38.5)	114.2 ± (36.2)	0.997
Fasting blood glucose (mg/dL)	102.9 ± (27.1)	109.2 ± (33.7)	<0.001
SCr (mg/dL)	1.33 ± (1.76)	1.25 ± (1.38)	0.024

eGFR (mL/min per 1.73m <sup>2</sup> )	80.3 ± (20.9)	74.9 ± (19.5)	<0.001
AST (U/L)	27.9 ± (17.6)	28.2 ± (30.1)	0.692
ALT (U/L)	27.9 ± (19.8)	26.3 ± (26.4)	0.023
GGT (U/L)	50.7 ± (65.1)	55.0 ± (73.1)	0.027
Smoking amount (pack-year)	13.8 ± (16.0)	16.5 ± (18.5)	<0.001
Smoking status			<0.001
Non smoker	39,881(34.87)	534 (0.47)	
Former smoker	36,509(31.92)	376 (0.33)	
Current smoker	36,537(31.94)	540 (0.47)	
Alcohol intake (%)	23.9	25.7	0.119
Physical activity (%)	18.1	17.8	0.817

Data are expressed as means (standard deviation) or percentages.

\**P*-value by t-test for continuous variables and Chi square test for categorical variables.