

**Supplementary Materials**

**Supplementary Table S1.** Baseline Characteristics of 22,795 T2D subjects

**Supplementary Table S2.** Baseline characteristics of the lost follow-up subjects

**Supplementary Table S3.** Baseline Characteristics of 1,268 T2D subjects with  
ischemic stroke

**Supplementary Figure S1.** SIR of IS among T2D subjects according to BMI  
categories

**Supplementary Table S1**

Baseline Characteristics of 22,795 incident T2D subjects

Variables	Total	Males	Females	<i>P</i> -value
Sex (%)	22795	9562(41.9%)	13233(59.1%)	0.23
Age(year)	65.17 (12.82)	64.59 (12.51)	65.59 (13.02)	<0.01
Height(cm)	162.43 (11.98)	168.74 (11.09)	157.82 (10.40)	<0.01
BMI(kg/m <sup>2</sup> )	23.14 (4.39)	23.16 (3.88)	23.12 (4.72)	0.55
Education level				<0.01
illiteracy	428(33.8%)	133(21.9%)	295(44.6%)	
below college	774(61.0%)	443(73.1%)	331(50.0%)	
above college	66 (5.2%)	30 (5.0%)	36 (5.4%)	
FBG(mmol/l)	9.46 (3.39)	9.89 (3.70)	9.11 (3.09)	0.02
OGTT(mmol/l)	12.87 (4.28)	14.46 (4.33)	12.01 (4.00)	0.03
TC(mmol/l)	5.16 (1.35)	5.07 (1.42)	5.25 (1.25)	0.65
HDL-C(mmol/l)	1.38 (1.10)	1.24 (0.89)	1.53 (1.26)	0.04
LDL-C(mmol/l)	2.93 (1.06)	2.88 (1.02)	2.99 (1.10)	0.59
TG(mmol/l)	2.41 (2.33)	2.41 (2.73)	2.41 (1.82)	0.82
HbA <sub>1c</sub> (%)	8.70 (2.42)	9.07 (2.35)	8.24 (2.47)	0.02

Data are presented as mean (SD) or number (percentage).FBG: fasting blood glucose;  
 OGTT: oral glucose tolerance test; TC: total cholesterol; HDL-C: high density  
 lipoprotein cholesterol; LDL-C: low-density lipoprotein cholesterol;TG: triglyceride;  
 HbA<sub>1c</sub>: glycosylated hemoglobin.

**Supplementary Table S2**

Baseline characteristics of the lost follow-up subjects

Variables	Total	Males	Females	<i>P</i> -value
Sex (%)	2335	1046(44.8%)	1289 (55.2%)	0.47
Age(year)	64.99±12.56	64.12±12.39	65.38±12.77	0.23
Height(cm)	163.12±12.27	167.51±12.63	158.13±11.33	0.08
BMI(kg/m <sup>2</sup> )	23.74±4.28	23.97±4.01	23.27±4.45	0.55
Education level				<0.01
Illiteracy	7704 (33.8%)	2094 (21.9%)	5901 (44.6%)	
Below college	13904 (61.0%)	6989 (73.1%)	6616 (49.9%)	
Above college	1187 (5.2%)	479 (5.0%)	716 (5.5%)	
FBG(mmol/l)	9.53±3.88	9.92±3.41	9.09±3.77	0.36
OGTT(mmol/l)	12.65±4.58	14.12±4.09	12.25±4.68	0.02
TC(mmol/l)	5.20±1.28	5.08±1.38	5.29±1.35	0.65
HDL-C(mmol/l)	1.42±1.19	1.31±1.02	1.56±1.24	0.49
LDL-C(mmol/l)	2.88±1.05	2.79±1.05	2.96±1.14	0.16
TG(mmol/l)	2.48±2.15	2.39±2.26	2.51±1.64	0.53
HbA <sub>1c</sub> (%)	8.87±2.63	9.15±2.48	8.39±2.27	<0.01

Data are presented as mean±SD or number (percentage).FBG: fasting blood glucose; OGTT: oral glucose tolerance test; TC: total cholesterol; HDL-C: high density lipoprotein cholesterol; LDL-C: low-density lipoprotein cholesterol; TG: triglyceride; HbA<sub>1c</sub>: glycosylated hemoglobin.

**Supplementary Table S3**

Baseline Characteristics of 1,268 T2D subjects with ischemic stroke

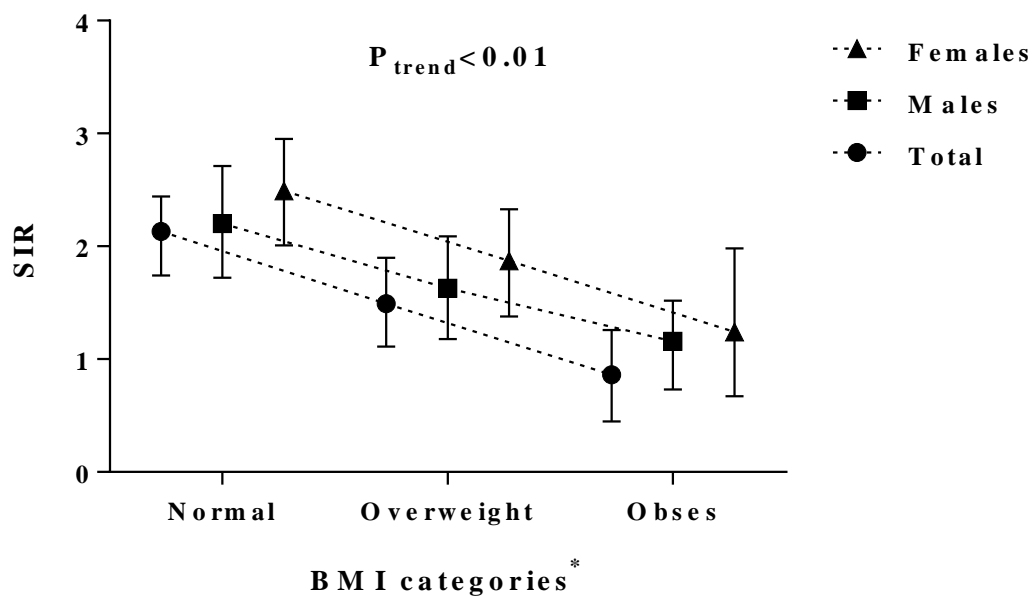
Variables	Total	Males	Females	<i>P</i> -value
Sex(%)	1268	606(47.8%)	662(52.2%)	0.15
Age(year)	74.48±9.91	73.25±10.46	75.60±9.25	<0.01
Height(cm)	161.31±10.14	168.23±9.88	156.12±10.54	<0.01
BMI(kg/m <sup>2</sup> )	24.33±3.21	25.12±3.08	23.77±4.12	0.32
Education level				<0.01
Illiteracy	393(31.0%)	163(26.8%)	230(34.7%)	
Below college	783(61.8%)	387(63.9%)	396(59.8%)	
Above college	92(7.2%)	56(9.3%)	36(5.5%)	
FBG(mmol/l)	9.62±3.81	9.92±4.11	9.27±3.23	<0.01
OGTT(mmol/l)	12.56±4.33	14.78±4.56	11.76±4.02	<0.01
TC(mmol/l)	5.30±1.61	5.39±1.77	5.23±1.42	0.54
HDL-C(mmol/l)	1.35±1.06	1.25±0.85	1.57±1.28	0.02
LDL-C(mmol/l)	2.90±1.05	2.86±1.01	2.97±1.12	0.41
TG(mmol/l)	2.52±2.41	2.44±2.71	2.68±1.96	0.77
HbA <sub>1c</sub> (%)	8.67±4.39	8.98±4.31	8.31±4.49	0.04

Data are presented as mean ± SD or number (percentage); FBG: fasting blood glucose;

OGTT: oral glucose tolerance test; TC: total cholesterol; HDL-C: high density

lipoprotein cholesterol; LDL-C: low-density lipoprotein cholesterol; TG: triglyceride;

HbA<sub>1c</sub>: glycosylated hemoglobin.



**Supplementary Figure S1.** SIR of IS among incident T2D subjects according to BMI categories. SIR, standardized incidence ratio; 95% CI, 95% confidence interval; IS, ischemic stroke. \*According to WHO criteria: normal weight, 18.5-24.9 kg/m<sup>2</sup>; overweight, 25.0-29.9 kg/m<sup>2</sup>; obese,  $\geq 30.0$  kg/m<sup>2</sup> (due to excluded subjects those who were underweight [ $< 18.5$  kg/m<sup>2</sup>], we did not calculate the SIR for underweight group).