

**Supplementary Table 2. The operational definition of variables**

	ICD-10 code	Definition
Underlying diseases		
Hypertension	I10, I11	Admission $\geq$ 1 or outpatient clinic $\geq$ 1, with anti-hypertensive medication Systolic blood pressure $\geq$ 140 mmHg or diastolic blood pressure $\geq$ 90 mmHg in health screening
Diabetes	E11, E12, E13, E14	Admission $\geq$ 1 or outpatient clinic $\geq$ 1, with anti-diabetic medication Fasting blood glucose $\geq$ 126 mg/dL in health screening
Dyslipidemia	E78	Admission $\geq$ 1 or outpatient clinic $\geq$ 1, with dyslipidemia medication Total cholesterol $\geq$ 240 mg/dL or triglyceride $\geq$ 500 mg/dL or HDL-cholesterol $<$ 40 mg/dL in health screening
Ischemic heart disease	I20, I21, I22, I23, I24, I25	Admission $\geq$ 1 or outpatient clinic $\geq$ 1
Cerebrovascular disease	I60, I61, I62, I63, I64	Admission $\geq$ 1 or outpatient clinic $\geq$ 1
COPD	J41, J42, J43, J44	Admission $\geq$ 1 or outpatient clinic $\geq$ 1
Depression	F32, F33	Admission $\geq$ 1 or outpatient clinic $\geq$ 1

ICD, International Classification of Diseases; COPD, chronic obstructive pulmonary disease; HDL, high density lipoprotein.