

**Supplementary Table 1.** Comparison of clinical characteristics between adult individuals with and without new-onset T2DM after cohort entry in the matched cohort of total 3,456

Characteristic	New-onset T2DM		P value
	Yes (n=95)	No (n=3,361)	
Male sex	52 (54.74)	1,838 (54.69)	0.992 <sup>a</sup>
Age, yr-old	58.02±12.70	50.75±16.02	<0.001 <sup>b</sup>
≥60	46 (48.42)	938 (27.91)	<0.001 <sup>a</sup>
Lower income status	23 (24.21)	801 (23.83)	0.932 <sup>a</sup>
Hypertension	51 (53.68)	746 (22.20)	<0.001 <sup>a</sup>
Dyslipidemia	28 (29.47)	427 (12.70)	<0.001 <sup>a</sup>
COPD	22 (23.16)	504 (15.00)	0.029 <sup>a</sup>
Ischemic heart diseases	24 (25.26)	373 (11.10)	<0.001 <sup>a</sup>
Cerebral infarction	8 (8.42)	158 (4.70)	0.095 <sup>a</sup>
Heart failure	7 (7.37)	114 (3.39)	0.038 <sup>a</sup>
End-stage renal disease	12 (12.63)	139 (4.14)	<0.001 <sup>a</sup>
CMV diseases	32 (33.68)	544 (16.19)	<0.001 <sup>a</sup>
Follow-up duration, yr	1.38±1.19	3.04±1.42	<0.001 <sup>b</sup>

Values are presented as number (%) or mean ± standard deviation. T2DM, type 2 diabetes mellitus; COPD, chronic obstructive pulmonary disease; CMV, cytomegalovirus.

<sup>a</sup>McNemar test, <sup>b</sup>Paired *t*-test.