

Supplementary Table 4. Relationship between risk factors and vascular complications

Related risk factor	Microvascular		Macrovascular		Micro- and macrovascular ^a		Micro- and macrovascular ^b	
	OR (95% CI)	P value	OR (95% CI)	P value	OR (95% CI)	P value	OR (95% CI)	P value
Age	1.01 (0.99–1.02)	0.261	1.01 (0.99–1.02)	0.562	1.00 (0.99–1.02)	0.753	1.01 (1.00–1.03)	0.220
Sex	2.42 (1.85–3.17)	<0.001	3.43 (2.67–4.40)	<0.001	3.58 (2.76–4.64)	<0.001	1.95 (1.50–2.53)	<0.001
HbA1c	1.40 (1.29–1.51)	<0.001	1.25 (1.11–1.41)	<0.001	57.14 (27.81–117.40)	<0.001	1.10 (1.01–1.20)	0.024
Hypertension	6.78 (4.14–11.09)	<0.001	5.50 (3.59–8.42)	<0.001	8.31 (5.50–12.55)	<0.001	4.30 (2.80–6.59)	<0.001
T2DM with HT ^c	4.49 (2.63–7.66)	<0.001	4.06 (2.03–8.15)	<0.001	NA	NA	4.32 (2.75–6.79)	<0.001
BMI	1.05 (1.02–1.08)	0.001	1.01 (0.97–1.05)	0.691	1.07 (1.04–1.11)	<0.001	1.00 (0.97–1.03)	0.957
Obese	1.42 (1.08–1.86)	0.012	1.16 (0.90–1.50)	0.239	1.60 (1.24–2.06)	<0.001	1.13 (0.87–1.47)	0.379
TG/HDL ratio (<3 vs. ≥3)	1.68 (1.26–2.23)	<0.001	3.69 (2.81–4.84)	<0.001	3.45 (2.63–4.52)	<0.001	1.33 (1.01–1.74)	0.040
TG/HDL ratio	1.07 (1.03–1.12)	0.002	1.17 (1.11–1.23)	<0.001	1.39 (1.30–1.49)	<0.001	1.04 (0.99–1.08)	0.096
Low HDL level	1.88 (1.41–2.49)	<0.001	5.86 (3.78–9.08)	<0.001	4.02 (3.06–5.27)	<0.001	1.75 (1.33–2.30)	<0.001

Crude OR for related risk factors; Microvascular complications: retinopathy, neuropathy, and nephropathy; Macrovascular complications: coronary artery disease and stroke. Statistical analysis using binary regression model, $P < 0.05$ indicated significant associations.

OR, odds ratio; CI, confidence interval; HbA1c, glycated hemoglobin; T2DM, type 2 diabetes mellitus; HT, hypertension; NA, no available data; BMI, body mass index; TG, triglyceride; HDL, high-density lipoprotein.

^aNon-diabetes mellitus (DM) vs. DM with complication, ^bDM without complication vs. DM with complication, ^cOR adjusted for age, sex, BMI, and dyslipidemia.