

Supplementary Table 5. The risk of all-cause death and cardiovascular death according to the component of metabolic dysregulation

Variable	Crude HR (95% CI)	Age-adjusted HR (95% CI)	Multivariable-adjusted ^a HR (95% CI)
All-cause death			
Waist circumference <90/80 cm in men and women	1.0 (ref)	1.0 (ref)	1.0 (ref)
Waist circumference ≥90/80 cm in men and women	1.55 (1.37–1.75)	0.96 (0.85–1.09)	0.97 (0.85–1.10)
High triglyceride ^b (–)	1.0 (ref)	1.0 (ref)	1.0 (ref)
High triglyceride ^b (+)	1.37 (1.26–1.49)	0.97 (0.89–1.05)	0.96 (0.88–1.05)
Low HDL-cholesterol ^c (–)	1.0 (ref)	1.0 (ref)	1.0 (ref)
Low HDL-cholesterol ^c (+)	1.25 (1.12–1.39)	1.19 (1.07–1.33)	1.10 (0.99–1.25)
High blood pressure ^d (–)	1.0 (ref)	1.0 (ref)	1.0 (ref)
High blood pressure ^d (+)	2.99 (2.75–3.24)	1.18 (1.08–1.28)	1.21 (1.11–1.33)
Prediabetes ^e (–)	1.0 (ref)	1.0 (ref)	1.0 (ref)
Prediabetes ^e (+)	2.34 (2.15–2.54)	1.22 (1.12–1.33)	1.23 (1.12–1.34)
High-sensitivity C-reactive protein ≤2 mg/L	1.0 (ref)	1.0 (ref)	1.0 (ref)
High-sensitivity C-reactive protein >2 mg/L	4.58 (3.69–5.67)	3.04 (2.45–3.77)	2.79 (2.23–3.49)
HOMA-IR <2.5	1.0 (ref)	1.0 (ref)	1.0 (ref)
HOMA-IR ≥2.5	2.11 (1.85–2.40)	1.67 (1.47–1.91)	1.69 (1.48–1.94)
Cardiovascular death			
Waist circumference <90/80 cm in men and women	1.0 (ref)	1.0 (ref)	1.0 (ref)
Waist circumference ≥90/80 cm in men and women	1.85 (1.37–2.51)	1.16 (0.85–1.59)	1.09 (0.79–1.50)
Hypertriglyceridemia ^b (–)	1.0 (ref)	1.0 (ref)	1.0 (ref)
Hypertriglyceridemia ^b (+)	1.93 (1.56–2.41)	1.34 (1.08–1.67)	1.18 (0.94–1.50)
Low HDL-cholesterol ^c (–)	1.0 (ref)	1.0 (ref)	1.0 (ref)
Low HDL-cholesterol ^c (+)	1.37 (1.04–1.80)	1.32 (1.00–1.75)	1.39 (1.03–1.87)
High blood pressure ^d (–)	1.0 (ref)	1.0 (ref)	1.0 (ref)
High blood pressure ^d (+)	5.95 (4.74–7.48)	2.38 (1.86–3.04)	2.41 (1.88–3.09)
Prediabetes ^e (–)	1.0 (ref)	1.0 (ref)	1.0 (ref)
Prediabetes ^e (+)	2.35 (1.89–2.93)	1.16 (0.92–1.45)	1.15 (0.91–1.44)
High-sensitivity C-reactive protein ≤2 mg/L	1.0 (ref)	1.0 (ref)	1.0 (ref)
High-sensitivity C-reactive protein >2 mg/L	2.92 (1.45–5.89)	1.84 (0.91–3.72)	1.89 (0.93–3.82)
HOMA-IR <2.5	1.0 (ref)	1.0 (ref)	1.0 (ref)
HOMA-IR ≥2.5	2.12 (1.50–2.98)	1.65 (1.17–2.33)	1.72 (1.22–2.43)

HR, hazard ratio; CI, confidence interval; HDL, high density lipoprotein; HOMA-IR, homeostasis model assessment of insulin resistance.

^aAdjusted for age, daily alcohol consumption, regular physical activity, smoking status, total cholesterol, and statin use, ^bPlasma triglycerides ≥150 mg/dL or specific drug treatment, ^cPlasma HDL-cholesterol <40 mg/dL for men and <50 mg/dL for women or specific drug treatment,

^dBlood pressure ≥130/85 mm Hg or specific drug treatment, ^eFasting plasma glucose levels 100 to 125 mg/dL or glycosylated hemoglobin between 5.7% and 6.4%.