

**Supplemental Table S6.** Hazard Ratios for the Development of Type 2 Diabetes in the Metabolically Healthy Obese Population Considering the TyG Index

	Definition of metabolic health			
	ATP-III	Wildman	Karelis	HOMA
Unadjusted HRs (95% CI)				
MHNO	1.00 (reference)	1.00 (reference)	1.00 (reference)	1.00 (reference)
MUNO	5.21 (4.18–6.49)	6.12 (4.82–7.78)	2.63 (2.11–3.28)	2.44 (1.93–3.08)
MHO				
Low TyG	1.78 (1.33–2.39)	2.08 (1.42–3.04)	2.02 (1.47–2.76)	1.43 (1.08–1.91)
High TyG	3.59 (2.57–5.01)	4.78 (2.86–8.02)	6.25 (4.19–9.31)	3.95 (3.09–5.04)
MUO	8.96 (7.39–10.87)	9.99 (7.96–12.52)	5.55 (4.55–6.76)	5.50 (4.59–6.59)
Adjusted HRs (95% CI) <sup>a</sup>				
MHNO	1.00 (reference)	1.00 (reference)	1.00 (reference)	1.00 (reference)
MUNO	3.69 (2.91–4.67)	4.08 (3.16–5.28)	1.64 (1.29–2.07)	1.98 (1.56–2.51)
MHO				
Low TyG	1.09 (0.79–1.50)	1.30 (0.87–1.95)	1.01 (0.72–1.41)	0.84 (0.62–1.15)
High TyG	2.28 (1.58–3.27)	3.27 (1.91–5.57)	3.39 (2.22–5.17)	2.12 (1.61–2.79)
MUO	4.63 (3.57–6.00)	5.07 (3.79–6.78)	2.26 (1.75–2.93)	2.72 (2.13–3.46)

TyG, triglyceride glucose; ATP-III, Adult Treatment Panel III; HOMA, homeostatic model assessment; HR, hazard ratio; CI, confidence interval; MHNO, metabolically healthy non-obese; MUNO, metabolically unhealthy non-obese; MHO, metabolically healthy obese; MUO, metabolically unhealthy obese.

<sup>a</sup>Adjusted for age, sex, waist circumference, systolic blood pressure, drinking, smoking, exercise, family history of diabetes, alanine aminotransferase, gamma-glutamyl transferase, high-sensitivity C-reactive protein, and low-density lipoprotein cholesterol.