

Supplementary Table 3. Serum TSH and fT4 in association with prevalence of MetS and its components by different age

Variable	MetS	High WC	High BP	High FPG	High TG	Low HDL
Age <55 yr						
TSH ^a						
Model 1	1.18 (0.99–1.41)	1.09 (0.95–1.25)	1.16 (1.00–1.34)	0.91 (0.80–1.04)	1.41 (1.21–1.63)	0.90 (0.80–1.02)
Model 2	1.13 (0.94–1.37)	NA	1.14 (0.98–1.33)	0.89 (0.78–1.02)	1.39 (1.20–1.62)	0.88 (0.78–1.00)
fT4 ^a						
Model 1	0.37 (0.19–0.72)	0.33 (0.19–0.59)	0.87 (0.48–1.56)	0.95 (0.60–1.52)	0.24 (0.12–0.45)	0.85 (0.54–1.34)
Model 2	0.66 (0.33–1.30)	NA	1.14 (0.67–1.92)	1.21 (0.75–1.93)	0.31 (0.16–0.60)	1.07 (0.70–1.64)
Age ≥55 yr						
TSH ^a						
Model 1	1.09 (0.88–1.34)	1.05 (0.86–1.28)	1.05 (0.86–1.27)	0.86 (0.71–1.04)	1.14 (0.93–1.39)	1.04 (0.86–1.26)
Model 2	1.08 (0.87–1.35)	NA	1.03 (0.85–1.25)	0.83 (0.68–1.02)	1.13 (0.93–1.39)	1.03 (0.85–1.24)
fT4 ^a						
Model 1	0.55 (0.23–1.30)	0.71 (0.29–1.75)	0.86 (0.40–1.86)	0.91 (0.43–1.91)	0.35 (0.15–0.81)	0.89 (0.40–1.99)
Model 2	0.73 (0.29–1.86)	NA	1.04 (0.47–2.31)	1.12 (0.52–2.40)	0.40 (0.17–0.93)	1.02 (0.45–2.33)

Values are presented as odds ratio (95% confidence interval). Model 1: after adjusting for age, urinary iodine concentration (UIC), and smoking; Model 2: after adjusting for age, UIC, smoking, and body mass index (BMI). Model 2 for high WC not including BMI.

TSH, thyroid stimulating hormone; fT4, free thyroxine; MetS, metabolic syndrome; WC, waist circumference; BP, blood pressure; FPG, fasting plasma glucose; TG, triglyceride; HDL, high density lipoprotein; NA, not available.

^aTSH and fT4 entered as continuous variables.