

Supplementary Table 2. Odds ratios (95% confidence intervals) of type 2 diabetes mellitus by stratified analysis

Variable	Quartiles of the biomarker score ^a					P trend	P interaction
	Number	Q1	Q2	Q3	Q4		
Age, yr ^b							0.29
<60	609	1.00	1.55 (0.80–3.03)	4.27 (2.30–7.95)	7.07 (3.76–13.3)	<0.001	
≥60	361	1.00	3.60 (1.28–10.1)	6.25 (2.29–17.1)	16.9 (6.28–45.2)	<0.001	
Sex ^c							0.63
Men	424	1.00	3.48 (0.76–16.0)	6.51 (1.47–28.9)	15.0 (3.44–65.5)	<0.001	
Women	546	1.00	2.33 (1.08–5.03)	9.47 (4.21–21.3)	15.6 (6.60–36.9)	<0.001	
Body mass index ^b , kg/m ²							0.63
<23	426	1.00	1.62 (0.75–3.48)	5.72 (2.78–11.8)	7.39 (3.57–15.3)	<0.001	
≥23	544	1.00	2.64 (1.19–5.85)	4.54 (2.15–9.59)	11.3 (5.33–23.9)	<0.001	
Alcohol consumption ^b							0.88
Never	845	1.00	1.79 (1.01–3.16)	4.45 (2.60–7.61)	9.16 (5.34–15.7)	<0.001	
Weekly or daily	125	1.00	2.95 (0.45–19.5)	2.68 (0.43–16.6)	6.67 (1.12–39.6)	0.004	
Physical activity ^b , hr/wk							0.14
<0.5	771	1.00	2.21 (1.21–4.04)	5.25 (2.94–9.37)	8.53 (4.83–15.1)	<0.001	
≥0.5	199	1.00	2.05 (0.54–7.75)	3.90 (1.17–13.0)	22.1 (6.03–80.8)	<0.001	
Fasting status ^b							0.13
Non-fasting	668	1.00	3.84 (1.44–10.3)	8.05 (3.14–20.6)	27.5 (10.2–73.9)	<0.001	
Fasting	302	1.00	1.61 (0.83–3.14)	3.99 (2.13–7.50)	6.57 (3.52–12.3)	<0.001	

^aThe biomarker score was constructed using each biomarker (the ratio of triglycerides to high density lipoprotein cholesterol, alanine aminotransferase, ferritin, and adiponectin) as ordinal variables, ^bOdds ratio was estimated using unconditional logistic regression model adjusted for age at blood taken (continuous), sex, dialect group (Cantonese, Hokkien), smoking status (never, former, and current smoker), alcohol intake (never, weekly, or daily), weekly moderate-to-vigorous activity levels (<0.5, 0.5 to 3.9, and ≥4.0 hr/wk), education level (primary school and below, secondary or above), history of hypertension (yes, no), body mass index (continuous), and fasting status (yes, no), ^cOdds ratio was estimated using conditional logistic regression model adjusted for abovementioned variables except for sex and dialect group (Cantonese, Hokkien).