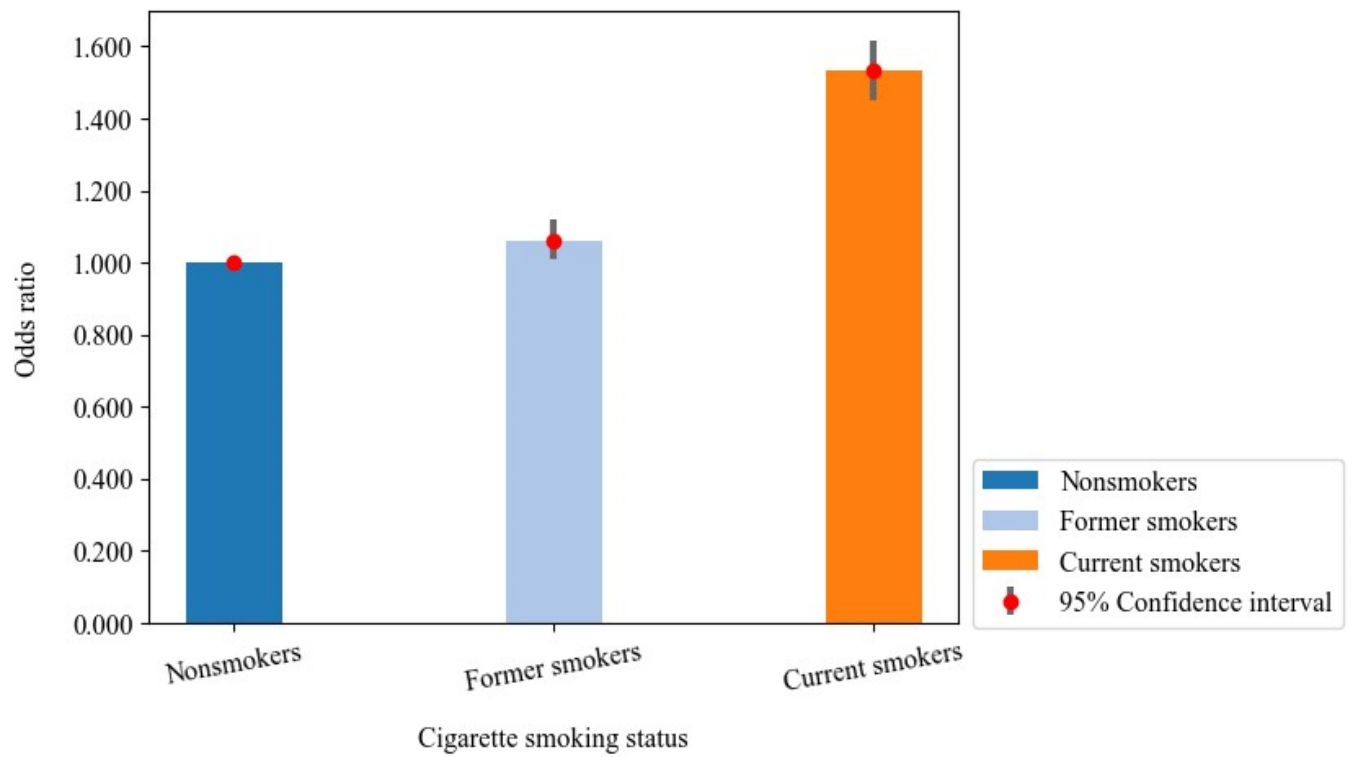
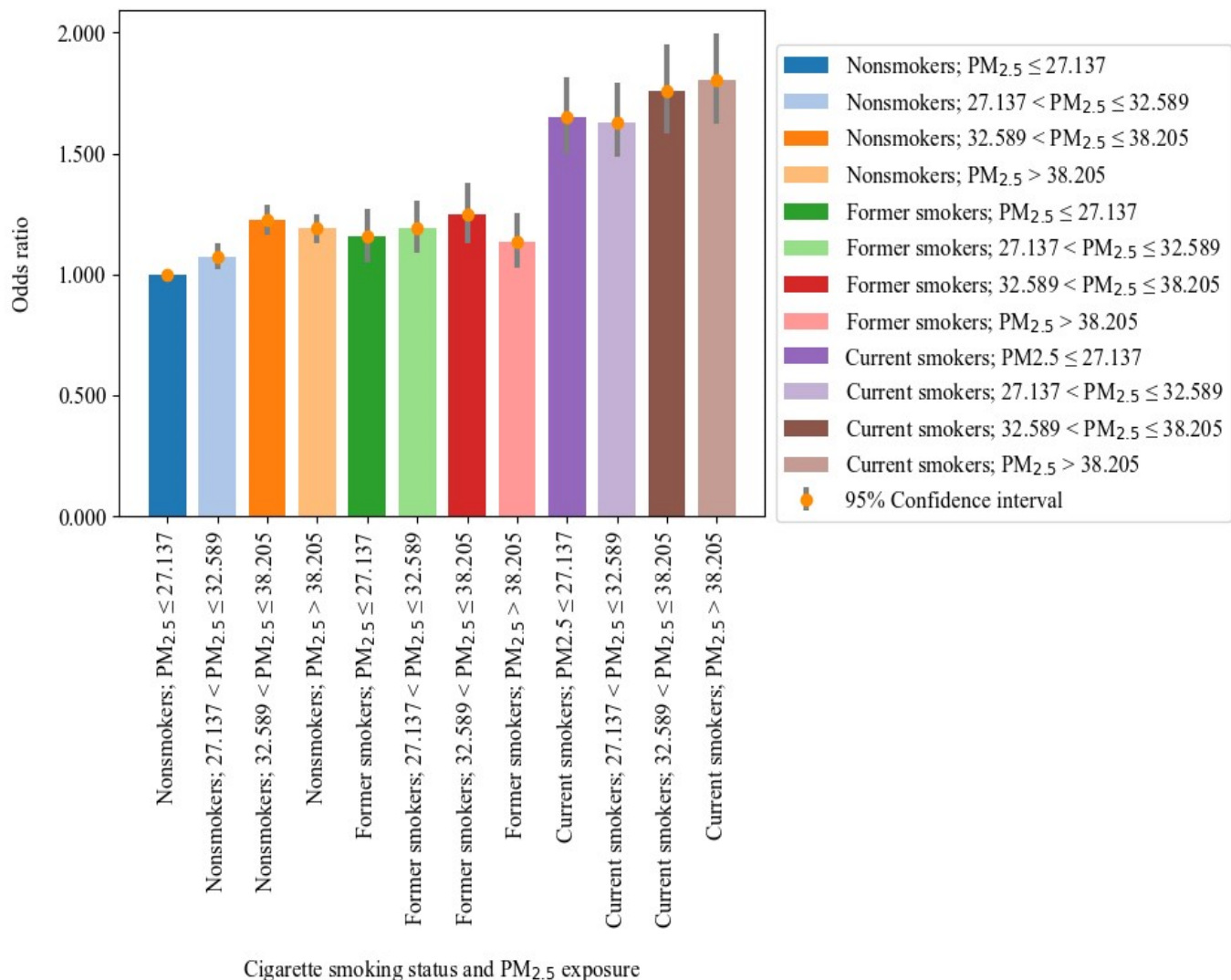


**Supplementary figure 1. Association between PM<sub>2.5</sub> and metabolic syndrome**



**Supplementary figure 2. Association between cigarette smoking and metabolic syndrome**



**Supplementary figure 3. Risk of metabolic syndrome based on a combination of cigarette smoking and PM<sub>2.5</sub> exposure**

**Table S1. Association between the number of cigarettes smoked per week and metabolic syndrome in former and current smokers.**

Variables	Former smokers			Current smokers			Current and former smokers		
	OR	95% CI	P-value	OR	95% CI	P-value	OR	95% CI	P-value
Number of cigarettes smoked per week									
<42	1								
≥42 to <70	1.129	0.904-1.411	0.2846	1.082	0.886-1.321	0.4398	1.114	0.961-1.291	0.1521
≥70 to <140	0.985	0.859-1.129	0.8288	1.142	1.003-1.301	0.0448	1.073	0.977-1.178	0.1408
≥140	1.285	1.144-1.444	<0.0001	1.603	1.415-1.817	<0.0001	1.359	1.249-1.478	<0.0001

Adjusted for PM<sub>2.5</sub>, sex, age, BMI, alcohol intake status, exercise, marital status, educational level, secondhand smoke exposure, and duration of residence.

OR, odds ratio; CI, confidence interval; ref., reference; BMI, body mass index.