

**Table S1.** Odds ratios (point estimates and 95% CIs) of hypertension using different definitions associated with an interquartile range increase (41.7  $\mu\text{g}/\text{m}^3$ ) in  $\text{PM}_{2.5}$  in the fully-adjusted model.

Definitions	Hypertension prevalence	OR (95%CI)
Main	40.9%	1.11 (1.05,1.17)
Self-reported hypertension	24.3%	1.12 (1.05,1.18)
Diagnostic hypertension	30.8%	1.06 (1.01,1.12)

Abbreviations: SBP, systolic blood pressure; DBP, diastolic blood pressure; OR, odds ratio; CI, confidence interval;  $\text{PM}_{2.5}$ , particulate matter with an aerodynamic diameter less than or equal to 2.5  $\mu\text{m}$ .

Definitions of hypertension: Main, self-reported hypertension or  $\text{SBP} \geq 140\text{mmHg}$  or  $\text{DBP} \geq 90\text{mmHg}$ ; Diagnostic hypertension  $\text{SBP} \geq 140\text{mmHg}$  or  $\text{DBP} \geq 90\text{mmHg}$ .