

**Supplementary Table 1.** ORs for the Association between Lung Cancer Incidence and PM<sub>10</sub> and NO<sub>2</sub> Exposure

Pollutant	Case/control (n)	OR (95% CI)	p value <sup>‡</sup>
		Adjusted model OR* (95% CI)	
<b>PM<sub>10</sub></b>			
All (per 10 µg/m <sup>3</sup> )	822/764	1.12 (0.98–1.29)	
Quartile 1 (<49.7)	207/190	Reference	
Quartile 2 (49.7–55.9)	200/196	0.99 (0.74–1.32)	
Quartile 3 (55.9–61.9)	199/198	0.97 (0.73–1.30)	
Quartile 4 (>61.9)	216/180	1.24 (0.92–1.66)	0.544
5-year average <sup>§</sup>	822/764	0.95 (0.80–1.14)	
10-year average <sup>  </sup>	822/764	1.19 (1.07–1.33)	
15-year average <sup>¶</sup>	822/764	1.16 (1.03–1.30)	
<b>Histology (per 10 µg/m<sup>3</sup>)</b>			
Adenocarcinoma	522/764	1.08 (0.92–1.25)	
Squamous cell carcinoma	181/764	1.25 (1.03–1.51)	
Small cell <sup>†</sup>	51/764	1.39 (1.02–1.91)	
Large cell <sup>†</sup>	30/764	1.13 (0.76–1.68)	
<b>NO<sub>2</sub></b>			
All (per 10 ppb)	822/764	1.14 (1.03–1.27)	
Quartile 1 (<15.4)	199/198	Reference	
Quartile 2 (15.4–22.4)	199/197	1.03 (0.76–1.38)	
Quartile 3 (22.4–30.5)	196/201	1.05 (0.78–1.41)	
Quartile 4 (>30.5)	228/168	1.51 (1.11–2.04)	0.056
5-year average <sup>§</sup>	822/764	1.09 (0.99–1.21)	
10-year average <sup>  </sup>	822/764	1.19 (1.07–1.32)	
15-year average <sup>¶</sup>	822/764	1.15 (1.04–1.28)	
<b>Histology (per 10 ppb)</b>			
Adenocarcinoma	522/764	1.13 (1.00–1.27)	
Squamous cell carcinoma	181/764	1.12 (0.94–1.34)	
Small cell <sup>†</sup>	51/764	1.38 (1.07–1.80)	
Large cell <sup>†</sup>	30/764	0.94 (0.64–1.38)	

OR, odds ratio; CI, confidence interval; SHS, secondhand smoke.

\*Unless otherwise indicated, all models were adjusted for age, sex, smoking, exposure to SHS at home and work, education, exposure to occupational carcinogens, and frequency of fruit intake otherwise indicated, <sup>†</sup>Adjusted for age, sex, smoking, education, exposure to occupational carcinogens, and frequency of fruit intake, <sup>‡</sup>Test for trend, <sup>§</sup>The average concentration of pollutants was calculated for the period 2010–2014, <sup>||</sup>The average concentration of pollutants was calculated for the period 1995–2004, <sup>¶</sup>The average concentration of pollutants was calculated for the period 1995–2009. All models are single pollutant.