

S3 Table. Odds ratios and 95% confidence intervals for effects of modelled air pollutants on respiratory/allergic symptoms

Pollutant	Symptom	OR (95% CI)
PM ₁₀	Current wheeze	1.06 (0.91-1.22)
	Current rhinitis	1.16** (1.04-1.28)
	Current eczema	0.87 (0.74-1.03)
	Lifetime asthma	0.93 (0.79-1.09)
	Lifetime hay fever	1.01 (0.90-1.12)
	Lifetime eczema	0.99 (0.88-1.11)
PM _{2.5}	Current wheeze	1.16 (0.82-1.65)
	Current rhinitis	1.38* (1.08-1.78)
	Current eczema	0.69 (0.47-1.02)
	Lifetime asthma	0.86 (0.59-1.24)
	Lifetime hay fever	1.00 (0.77-1.29)
	Lifetime eczema	0.96 (0.73-1.27)
NO ₂	Current wheeze	1.01 (0.97-1.04)
	Current rhinitis	1.03* (1.00-1.06)
	Current eczema	0.97 (0.93-1.01)
	Lifetime asthma	0.97 (0.93-1.02)
	Lifetime hay fever	1.00 (0.97-1.02)
	Lifetime eczema	1.00 (0.97-1.03)
NO _x	Current wheeze	1.00 (0.99-1.02)
	Current rhinitis	1.01* (1.00-1.02)
	Current eczema	0.99 (0.97-1.00)
	Lifetime asthma	0.99 (0.97-1.01)
	Lifetime hay fever	1.00 (0.99-1.01)
	Lifetime eczema	1.00 (0.99-1.01)

Odds ratios adjusted for age, sex, BMI, socio-economic deprivation (IMD score), ETS exposure and year of study, with a random effect for school. Single-pollutant models were calculated for each air pollutant. Odds ratios are for unit increase in pollutant, in $\mu\text{g}/\text{m}^3$, * $p < 0.05$, ** $p < 0.01$