

Supplement

**Table S1: Main model compared to a model further adjusted for cohort:
coefficient estimate (N)**

Exposure	Model Type	MDI 1 year	MDI 2 years	MDI 3 years
PM2.5	Main model	-0.377 (N=708)	-0.821 (N=659)	-1.413 (N=624)
PM2.5	Main model adjusted for cohort	-0.206 (N=708)	-0.159 (N=659)	-0.664 (N=624)
NO ₂	Main model	-0.174 (N=708)	-0.329 (N=659)	-0.465 (N=624)
NO ₂	Main model adjusted for cohort	-0.109 (N=708)	-0.099 (N=659)	-0.187 (N=624)
PAH	Main model	-2.380 (N=747)	-1.948 (N=626)	-2.410 (N=573)
PAH	Main model adjusted for cohort	-0.532 (N=747)	-0.711 (N=626)	-1.286 (N=573)

Color coding: Dark green (p < 0.001), Medium green (p < 0.01), Light green (p < 0.05), No color (p ≥ 0.05)

Main model: Family-specific random intercept, adjusted for gender, ethnicity, gestational age, maternal education, and smoker in house

Main model adjusted for cohort: Same as Main model plus cohort indicator as fixed effect