

Graphic Abstract

Associations of 5-day moving averages of air pollutants with \log_e C-reactive protein (CRP), \log_e Interleukin-6, \log_e tumor necrosis factor receptor 2 (TNFR2), \log_e fibrinogen, and \log_e TNF α among participants from the Framingham Offspring cohort examination 7 (1998-2001) or examination 8 (2005-2008), or Third Generation cohort examination 1 (2002-2005), or examination 2 (2008-2011). Models were adjusted for centered age, (centered age)², sex, body mass index, smoking status, pack years, alcohol intake, educational attainment, census tract median household income, date of examination visit, sine and cosine season, day of week, temperature, and relative humidity. An exam identifier was added for CRP, interleukin-6, TNFR2, and fibrinogen. Results were scaled to 5 $\mu\text{g}/\text{m}^3$ for fine particulate matter (PM_{2.5}), 0.5 $\mu\text{g}/\text{m}^3$ for black carbon (BC), 2 $\mu\text{g}/\text{m}^3$ for sulfate (SO₄²⁻), 20 ppb for nitrogen oxides (NO_x), and 10 ppb for ozone (O₃). Error bars indicate the 95% confidence intervals.

