**Additional file 8.** Effects of *in utero*/first year of life and childhood ambient PM2.5 exposure on 4-year childhood BMI trajectories.

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| --- | --- | --- |
| **Ambient PM2.5** **Exposure (ug/m3)** | **BMI Growth Per Yeara** Effect (95% CI) | **BMI at Age 10 Yearsa** Effect (95% CI) |
| *In utero* (n=2,524) | -0.06 (-0.1, 0.02) | -0.6 (-1.1, -0.1) |
| Childhood  | -0.03 (-0.1, 0.06) | 0.3 (-0.1, 0.8) |
| First year of life (n=2,621) | 0.03 (-0.1, 0.05) | -0.5 (-0.9, -0.02) |
| Childhood  | -0.05 (-0.1, 0.04) | 0.2 (-0.2, 0.7) |

a BMI growth and BMI at age 10 years scaled to 2 standard deviations of *in utero* ambient PM2.5 exposure with 17.0 ug/m3, first year of life total NOx with 14.8 ug/m3 and childhood with 9.9 ug/m3. Models adjusted for age, sex, race/ethnicity, parental education, and Spanish questionnaire.