**Additional file 3.** Effects of *in utero*/first year of life and childhood near-road total NOxa exposure on 4-year childhood BMI trajectories.

|  |  |  |
| --- | --- | --- |
| **Total NOx Exposure (ppb)** | **BMI Growth Per Yearb** Effect (95% CI) | **BMI at Age 10 Yearsb** Effect (95% CI) |
| *In utero* (n=2,072) | 0.06 (-0.009, 0.1) | 0.2 (-0.2, 0.6) |
| Childhood  | -0.009 (-0.09, 0.07) | 0.2 (-0.3, 0.6) |
| First year of life (n=2,318) | 0.1 (0.03, 0.2)\* | 0.5 (0.02, 0.9)\* |
| Childhood  | -0.04 (-0.1, 0.04) | -0.05 (-0.5, 0.4) |

a Total NOx= Freeway + Non-freeway NOx

bBMI growth and BMI at age 10 years scaled to 2 standard deviations of *in utero* total NOx exposure with 46.1 ppb, first year of life total NOx with 44.9 ppb and childhood total NOx with 42.2 ppb. Models adjusted for age, sex, race/ethnicity, parental education, and Spanish questionnaire.

\*p<0.05.