**Additional file 1.** Pearson correlation coefficients between *in utero*/first year of life and childhood NRAP exposure in non-moversand moversin children in the Children’s Health Study.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Non-Moversa** | |  | **Moversb** | |
| **NRAP Exposure Period**  (Freeway sources) | *In Utero* | First Year of Life |  | *In Utero* | First Year of Life |
| Childhood | 0.97\* | 0.98\* |  | 0.35\* | 0.58\* |
| **NRAP Exposure Period**  (Non-freeway sources) | *In Utero* | First Year of Life |  | *In Utero* | First Year of Life |
| Childhood | 0.98\* | 0.98\* |  | 0.57\* | 0.65\* |

aNon-movers were children who did not have a change in address or moved less than 500 meters between *in utero* period and study entry.

b Movers were children who had a change in address between *in utero* period and CHS study entry that resulted in a move greater than or equal to 500 meters.

\*p<.0001