|  |
| --- |
| Table S1. Estimates of direct and indirect effects (mediated through passive smoking) of association between household income and asthma |
| 　 | 　 | 　 | 　 | 　 | 　 |  |  |  |
| 　 | Estimated value | p value | 　 | Proportion mediated (%) | p value |  |  |  |
| Total effect | 0.015 | < 0.0001 |  |  |  |  |  |  |
| Natural indirect effects | 0.0011 | 0.02 |  | 7.8 | 0.03 |  |  |  |
| Natural direct effects | 0.013 | < 0.0001 |  |  |  |  |  |  |
| Household income was treated as dichotomous, with 0 = 4 million yen or more and 1 = less than 4 million yen. Models: Adjusted for maternal and paternal history of allergies, pre-pregnancy BMI, maternal age at pregnancy, mode of delivery, birth weight, gestational age at delivery, sex of the child, the presence of older siblings, exclusive breast-feeding, daycare attendance at 1 year old, and a history of respiratory syncytial viral infection |  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Table S2. Household income and passive smoking |  |  |  |
| 　 | 　 | 　 | 　 | 　 | 　 | 　 | 　 |
| Household income(million JPY/year) | Passive smoking at 1½ years |
| None | Sometimes | Frequently |
|  | < 2 | 2059 |  (60.5) | 1029 |  (30.2) | 315 |  (9.3) |
|  | ≥ 2 to < 4 | 17393 |  (71.6) | 5716 |  (23.5) | 1194 |  (4.9) |
|  | ≥ 4 to < 6 | 19321 |  (79.3) | 4324 |  (17.8) | 719 |  (3.0) |
| 　 | ≥ 6 | 16973 |  (84.4) | 2703 |  (13.4) | 434 |  (2.2) |
| Chi squared test: p < 0.01 |  |  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Table S3. Household income and eczema |  |  |  |  |
| 　 | 　 | 　 | 　 | 　 | 　 | 　 | 　 |
| Household income(million JPY/year) | Eczema at 3 years old |
| Doctor-diagnosed  | Parent-reported | With sleep disturbance |
|  | < 2 | 284 |  (8.4) | 414 |  (12.2) | 180 |  (5.3) |
|  | ≥ 2 to < 4 | 1808 |  (7.4) | 2882 |  (11.9) | 1228 |  (5.1) |
|  | ≥ 4 to < 6 | 1715 |  (7.0) | 3011 |  (12.4) | 1183 |  (4.9) |
| 　 | ≥ 6 | 1400 |  (7.0) | 2605 |  (13.0) | 1005 |  (5.0) |