|  |  |  |
| --- | --- | --- |
| **Period** | **Period with Saharan dust (52 days)** | **Period without Saharan dust (285 days)** |
| **Particulate matter**  |  **PM10 (lag0)** IR %\*  (CI95%) p-Value  |  **PM2.5-10 (lag0)** IR %\*  (CI95%) p-Value  |  **PM10 (lag0)** IR %\*  (CI95%) p-Value  | **PM2.5-10 (lag0)** IR%\*  (CI95%) p-Value  |
|  **Age of chidren**  |  |
|  **5-15 years** |  9.1  [7.1-11.1] 0.001 |  4.5 [3.3-5.7] 0.001 |  1.1 [-5.9-4.6] 0.82 |  1.6  [-6.5-10.4] 0.43 |
|  **5-8 years**  |  9.5 [6.8-12.2] 0.001 |  6.2 [4.4-8.1] 0.001 |  0.1 [-1.4-4.6] 0.65 |  2.9 [-2.5-8.7] 0.29 |
|  **9-11 years** |  8.4  [5.2-11.7] 0.001 |  5.7[3.3-8.2] 0.001 |  1.9 [-5.5-9.7] 0.62 |  4.3 [-3.7-12.8] 0.29 |
|  **12-15 years** |  8.0 [6.4-9.6] 0.001 |  4.8[3.8-5.9] 0.001 |  1.1 [-5.9-8.6] 0.76 |  4.3  [-3.7-12.8] 0.70 |

Table S1.

\*Adjusted for temperature, relative humidity, influenza epidemics, periods of maximum issuance of pollen and holidays.