|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Period** | **Period with Saharan dust (52 days)** | | **Period without Saharan dust (285 days)** | | | |
| **Particulate matter** | **PM10 (lag0, 1)**  IR %\*  (CI95%) p-Value | **PM2.5-10 (lag0, 1)**  IR% \*  (CI95%) p-Value | **PM10 (lag0, 1)**  IR%\*  (CI95%) p-Value | | **PM2.5-10 (lag0, 1)**  IR%\*  (CI95%) p-Value | |
| **Age of children** |  | | | | | |
| **5-15 years** | 5.1  [1.8-7.7] 0.001 | 4.7  [2.5-6.5] 0.001 | | 2.4  [-0.3-5.0] 0.23 | | 1.8  [-1.1-3.4] 0.55 |
| **5-8 years** | 5.7  [4.4-7.1] 0.001 | 5.9  [5.0-7.2] 0.001 | | 2.0  [-0.7-7.2 ] 0.24 | | 1.7  [-0.1-4.4] 0.75 |
| **9-11 years** | 4.0  [2.2-5.8] 0.001 | 4.9  [3.0-6.9] 0.001 | | 2.2  [-6.8-5.3] 0.35 | | 1.8  [-0.2-3.8] 0.28 |
| **12-15 years** | 7.5  [5.0-10.3] 0.001 | 4.4  [2.8-7.0] 0.001 | | 1.7  [-0.4-3.7] 0.44 | | 1.4  [-0.7-3.6] 0.82 |

Table S2.

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