|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **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.