**Table S1.** Descriptive statistics of air pollution in hot and cold seasons (mean ± SD).

|  |  |  |
| --- | --- | --- |
|  | **Hot season****(May to October)** | **Cold season****(November to April)** |
| **PM2.5 (μg/m3)** | 25.4 ± 15.4 | 38.3 ± 22.9 |
| **O3 (ppb)** | 27.3 ± 12.5 | 28.0 ± 10.5 |
| **NOx (ppb)** | 19.1 ± 10.6 | 28.9 ± 17.8 |

**SD:** Standard deviation.

**Table S2.** Descriptive statistics for cumulative degree hours in different seasons.

|  |  |
| --- | --- |
| **Temperature (℃)** | **Cumulative degree hours** |
| **mean ± SD.** | **min to max** |
| **Hot season (May to October)** |  |
| **27** | 32.6 ± 24.6 | 0 to 109.5 |
| **28** | 16.5 ± 16.9 | 0 to 85.5 |
| **29** | 6.0 ± 9.1 | 0 to 61.5 |
| **30** | 1.2 ± 3.3 | 0 to 37.5 |
| **31** | 0.1 ± 0.6 | 0 to 16.5 |
| **Cold season (November to April)** |  |
| **19** | 1.4 ± 6.1 | 0 to 83.1 |
| **20** | 4.1 ± 11.7 | 0 to 107.1 |
| **21** | 9.3 ± 19.0 | 0 to 131.1 |
| **22** | 17.4 ± 27.4 | 0 to 155.1 |
| **23** | 28.8 ± 36.1 | 0 to 179.1 |

**SD:** standard deviation