Table S1. Correlations of air quality parameters during survey period

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | Ambient temperature (°C) | Relative humidity (%) | PM2.5 (µg/m3) | PM10 (µg/m3) | NO2 (ppb) | O3 (ppb) | ASD event (days) |
| Ambient temperature (°C) † | r§*p*-value | ­– |  |  |  |  |  |  |
| Relative humidity (%)† | r*p*-value | 0.766**< 0.001** | – |  |  |  |  |  |
| PM2.5 (µg/m3) † | r*p*-value | –0.677**< 0.001** | –0.472**< 0.001** | – |  |  |  |  |
| PM10 (µg/m3) † | r*p*-value | –0.629**< 0.001** | –0.665**< 0.001** | 0.835**< 0.001** | – |  |  |  |
| NO2 (ppb) † | r*p*-value | –0.886**< 0.001** | –0.683**< 0.001** | 0.612**< 0.001** | 0.633**< 0.001** | – |  |  |
| O3 (ppb) ‡ | r*p*-value | 0.661**< 0.001** | 0.221**< 0.001** | –0.403**< 0.001** | –0.0480.309 | –0.517**< 0.001** | – |  |
| ASD event (days) | r*p*-value | –0.401**< 0.001** | –0.401**< 0.001** | 0.187**< 0.001** | 0.483**< 0.001** | 0.444**< 0.001** | –0.0900.059 | – |

†24-hour mean value from January 1 to July 31 (2013 — 2015)

‡Daily value of 8-hour maximum moving average from January 1 to July 31 (2013 — 2015)

§Pearson product-moment correlation coefficient.