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** | –0.048  0.309 | –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** | –0.090  0.059 | – |

†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.