Higher Ambient Nitrogen Dioxide Is Associated with An elevated Risk of Hospital-acquired Acute Kidney Injury

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Supplemental Materials

Table S1. Spearman correlation coefficients among the daily averages of different air pollutants

<table>
<thead>
<tr>
<th>Pollutant</th>
<th>PM$_{2.5}$</th>
<th>PM$_{10}$</th>
<th>NO$_2$</th>
<th>SO$_2$</th>
<th>CO</th>
<th>O$_3$</th>
</tr>
</thead>
<tbody>
<tr>
<td>PM$_{2.5}$</td>
<td>1·00</td>
<td>0·91</td>
<td>0·69</td>
<td>0·67</td>
<td>0·69</td>
<td>0·09</td>
</tr>
<tr>
<td>PM$_{10}$</td>
<td>1·00</td>
<td>0·88</td>
<td>0·70</td>
<td>0·64</td>
<td>0·12</td>
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</tr>
<tr>
<td>NO$_2$</td>
<td>1·00</td>
<td>0·60</td>
<td>0·62</td>
<td>-0·01</td>
<td></td>
<td></td>
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<tr>
<td>SO$_2$</td>
<td>1·00</td>
<td>0·54</td>
<td>0·08</td>
<td></td>
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<tr>
<td>CO</td>
<td>1·00</td>
<td></td>
<td>-0·18</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>O$_3$</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1·00</td>
</tr>
</tbody>
</table>
Figure S1. The Flowchart of Patient Selection.

EACH2 cohort
3,044,224 hospitalized patients

16,886 AKI cases whose onset date can be unambiguously determined

Excluded
2,336 patients with age< 18 or age ≥ 100 years old
1,778 patients with baseline eGFR < 30 ml/min
1,479 patients baseline creatinine values <40 μmol/L

Analysis set
(n=11,293)