Supplementary Table 2. Associations between ETS exposure and health outcomes of the study participants in Hong Kong after exclusion of smoking mothers, 2013-2014 – multivariable analyses (N=1480)

<table>
<thead>
<tr>
<th>ETS exposure measures</th>
<th>Have doctor consultation in the past 3 months</th>
<th>Have hospitalisation in the past 3 months</th>
<th>Presence of respiratory symptoms in the past 1 month</th>
<th>Antibiotic utilisation in the past 3 months</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>AOR (95% CI) p value</td>
<td>AOR (95% CI) p value</td>
<td>AOR (95% CI) p value</td>
<td>AOR (95% CI) p value</td>
</tr>
<tr>
<td>Presence of current household smoker (s)</td>
<td>No 1 (1.06, 1.70) 0.021</td>
<td>1.29 (0.79, 2.10) 0.32</td>
<td>1.19 (0.91, 1.55) 0.20</td>
<td>0.91 (0.67, 1.25) 0.91</td>
</tr>
<tr>
<td></td>
<td>Yes 1.34</td>
<td></td>
<td>1.29 (0.79, 2.10) 0.32</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>1.19 (0.91, 1.55) 0.20</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>0.91 (0.67, 1.25) 0.91</td>
<td></td>
</tr>
<tr>
<td>Number of current household smoker (s)</td>
<td>0 household smoker 1</td>
<td>1.30 (1.01, 1.68) 0.037</td>
<td>1.38 (0.83, 2.28) 0.21</td>
<td>1.09 (0.82, 1.44) 0.56</td>
</tr>
<tr>
<td></td>
<td>1 household smoker 1.30 (1.01, 1.68) 0.037</td>
<td>1.38 (0.83, 2.28) 0.21</td>
<td>1.38 (0.83, 2.28) 0.21</td>
<td>1.09 (0.82, 1.44) 0.56</td>
</tr>
<tr>
<td></td>
<td>&gt; 1 household smoker 1.57 (0.89, 2.77) 0.12</td>
<td>1.20 (0.40, 3.57) 0.75</td>
<td>1.68 (0.94, 3.02) 0.083</td>
<td>1.29 (0.66, 2.49) 0.46</td>
</tr>
<tr>
<td>Total number of cigarette consumption by current household smoker (s)</td>
<td>0 cigarette/day 1</td>
<td>1.28 (0.77, 2.13) 0.34</td>
<td>1.09 (0.83, 1.44) 0.53</td>
<td>0.89 (0.65, 1.23) 0.49</td>
</tr>
<tr>
<td></td>
<td>1-20 cigarettes/day 1.27 (1.00, 1.64) 0.053</td>
<td>1.28 (0.77, 2.13) 0.34</td>
<td>1.09 (0.83, 1.44) 0.53</td>
<td>0.89 (0.65, 1.23) 0.49</td>
</tr>
<tr>
<td></td>
<td>&gt;20 cigarettes/day 1.93 (0.91, 4.10) 0.094</td>
<td>1.72 (0.49, 6.03) 0.40</td>
<td>1.91 (0.92, 3.99) 0.086</td>
<td>0.81 (0.32, 2.01) 0.64</td>
</tr>
</tbody>
</table>

Adjusted factors: children’s sex, age, body mass index (BMI) z score, history of breastfeeding, gestational age at birth, birthweight, maternal age, living region, overcrowding of living area, household income, childcare attendance and presence of siblings. Additional adjustment for season and households’ respiratory symptoms were made for association exploration between ETS and children’s respiratory symptoms.

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