Supplementary material

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Supplementary Table S1 – County codes

**Boreal**
- BD – Norrbottens län
- AC – Västerbottens län
- Z – Jämtlands län
- Y – Västernorrlands län
- X – Gävleborgs län
- W – Kopparbergs län / Dalarnas län
- S – Värmlands län
- T – Örebro län

**Nemo-boreal**
- C – Uppsala län
- U – Västmanlands län
- AB – Stockholms län (Capital region)
- D – Södermanlands län
- O – Västra Götalands län
- E – Östergötlands län
- F – Jönköpings län
- H – Kalmar län
- I – Gotlands län
- G – Kronobergs län
- K – Blekinge län

**Nemoral**
- N – Hallands län
- M – Skåne län
Supplementary Table S2 – Passerines with STm 2009-2016

<table>
<thead>
<tr>
<th>Zone</th>
<th>2009 (B/S/R)</th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
<th>2013</th>
<th>2014</th>
<th>2015</th>
<th>2016</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boreal</td>
<td>(0/0/8)</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>(5/0/5)</td>
<td>(2/0/0)</td>
<td>0</td>
<td>(5/2/0)</td>
<td>(12/2/13)</td>
</tr>
<tr>
<td>Nemo-boreal</td>
<td>(0/0/3)</td>
<td>(0/2/0)</td>
<td>0</td>
<td>(0/4/0)</td>
<td>(1/0/0)</td>
<td>(5/5/0)</td>
<td>0</td>
<td>(10/1/0)</td>
<td>(16/12/3)</td>
</tr>
<tr>
<td>Nemoral</td>
<td>(0/0/1)</td>
<td>0</td>
<td>0</td>
<td>(1/0/0)</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>(1/0/1)</td>
</tr>
<tr>
<td>Capital</td>
<td>(0/0/1)</td>
<td>0</td>
<td>0</td>
<td>(0/0/1)</td>
<td>(0/1/0)</td>
<td>0</td>
<td>0</td>
<td>(2/2/5)</td>
<td>(2/3/7)</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>(0/0/13)</td>
<td>(0/2/0)</td>
<td>0</td>
<td>(1/4/1)</td>
<td>(6/1/5)</td>
<td>(7/5/0)</td>
<td>0</td>
<td>(17/5/5)</td>
<td>(31/17/24)</td>
</tr>
</tbody>
</table>

Dead passerines (B bullfinches, S siskins, R redpolls) submitted by the public and diagnosed with STm in Sweden by biogeographical zone and year, 2009-2016. The capital region of Stockholm County, located in the nemo-boreal zone, is shown separately.
Supplementary Figure S3 – Seasonal decomposition

Seasonal decomposition of monthly data on the number of cases of passerine type STm among passerines (black) cats (blue) and humans (red) performed using the \texttt{stl} function in R 3.3.1, with each plot consisting of four panels showing (from the top down) the observations, seasonal component, trend component and remainder.
Supplementary Table S4 – Domestic cases of salmonellosis in Sweden 2009-2016

Number of cases of domestically acquired Salmonella infection in Sweden annually 2009-2016, and the corresponding incidence expressed as cases per 100,000 population.

<table>
<thead>
<tr>
<th></th>
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<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of cases</td>
<td>597</td>
<td>840</td>
<td>785</td>
<td>665</td>
<td>654</td>
<td>552</td>
<td>691</td>
<td>648</td>
</tr>
<tr>
<td>Incidence (cases per 100k)</td>
<td>6.4</td>
<td>8.9</td>
<td>8.3</td>
<td>7.0</td>
<td>6.8</td>
<td>5.7</td>
<td>7.0</td>
<td>6.5</td>
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</tbody>
</table>