### Characteristics of the total study population (N=46,599*)

<table>
<thead>
<tr>
<th>Maternal characteristics</th>
<th>Mean (SD) [N=]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Age, years</td>
<td>29.0 (5.2) [N=46,452]</td>
</tr>
<tr>
<td>Gestational age at the time of sampling, weeks</td>
<td>13.0 (7.0 to 39.7) [N= 46,433]</td>
</tr>
<tr>
<td>BMI, kg/m²</td>
<td>23.9 (4.4) [N=31,377]</td>
</tr>
<tr>
<td>Parity, N (%)</td>
<td></td>
</tr>
<tr>
<td>0</td>
<td>24,022 (54.4)</td>
</tr>
<tr>
<td>1</td>
<td>13,132 (29.8)</td>
</tr>
<tr>
<td>2</td>
<td>4,400 (10.0)</td>
</tr>
<tr>
<td>3≤</td>
<td>2,486 (5.6)</td>
</tr>
<tr>
<td>Smoking status, N (%)</td>
<td></td>
</tr>
<tr>
<td>Non/past smoker</td>
<td>38,390 (88.7)</td>
</tr>
<tr>
<td>Current smoker</td>
<td>4,890 (11.3)</td>
</tr>
<tr>
<td>Education, N (%)</td>
<td></td>
</tr>
<tr>
<td>Low</td>
<td>9,632 (30.7)</td>
</tr>
<tr>
<td>Medium</td>
<td>10,583 (33.7)</td>
</tr>
<tr>
<td>High</td>
<td>11,190 (35.6)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Maternal test results</th>
<th>Mean (SD) [N=]</th>
</tr>
</thead>
<tbody>
<tr>
<td>TSH (mU/L)</td>
<td>1.33 (0.13-4.52) [N=45,978]</td>
</tr>
<tr>
<td>FT4 (pmol/L)</td>
<td>13.0 (7.2-21.9) [N=45,848]</td>
</tr>
<tr>
<td>TPOAb positivity, N (%)</td>
<td>3,005 (7.5) [N=40,160]</td>
</tr>
<tr>
<td>TgAb positivity, N (%)</td>
<td>1,063 (5.8) [N=18,154]</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Child characteristics</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Birth weight, grams</td>
<td>3,400 (535)</td>
</tr>
<tr>
<td>Small for gestational age, N (%)</td>
<td>4,574 (9.9)</td>
</tr>
<tr>
<td>Large for gestational age, N (%)</td>
<td>4,510 (9.8)</td>
</tr>
<tr>
<td>Gestational age at birth, weeks</td>
<td>39.9 (35.4-42.0)</td>
</tr>
<tr>
<td>Sex, N (%)</td>
<td></td>
</tr>
<tr>
<td>Female</td>
<td>18,352 (49.4)</td>
</tr>
</tbody>
</table>

Table shows descriptive statistics of the characteristics of all included women as the mean (SD), median (95% range) or percentage, as appropriate. Cohort-specific descriptive characteristics are shown in Appendix.

*Number of participants with available data on either of thyroid function tests, unless otherwise indicated.