### Appendix 1. Summary of Demographic and Clinical Information of Derivation and Validation Cohorts

<table>
<thead>
<tr>
<th>Demographic Information</th>
<th>Validation Cohort (n = 425)</th>
<th>Derivation Cohort (n = 850)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Age (years), mean (SD)</td>
<td>26.6 (5.6)</td>
<td>26.1 (6.1)</td>
</tr>
<tr>
<td>Pregnancy status, n (%)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pregnant</td>
<td>309 (72.7)</td>
<td>767 (90.2)</td>
</tr>
<tr>
<td>Postpartum</td>
<td>116 (27.3)</td>
<td>83 (9.8)</td>
</tr>
<tr>
<td>Gestational age in weeks, mean (SD)</td>
<td>25.1 (9.3)</td>
<td>23.7 (9.9)</td>
</tr>
<tr>
<td>Days postpartum, median (min-max)</td>
<td>7 (0-14)</td>
<td>7 (0-14)</td>
</tr>
<tr>
<td>BMI, mean (SD)</td>
<td>30.6 (7.7)</td>
<td>28.4 (7.0)</td>
</tr>
<tr>
<td>Race and Ethnicity, n (%)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Non-Hispanic, White</td>
<td>199 (46.8)</td>
<td>378 (44.5)</td>
</tr>
<tr>
<td>Non-Hispanic, Black</td>
<td>69 (16.2)</td>
<td>103 (8.1)</td>
</tr>
<tr>
<td>Non-Hispanic, Asian</td>
<td>21 (4.9)</td>
<td>16 (1.9)</td>
</tr>
<tr>
<td>Non-Hispanic, Other</td>
<td>17 (4.0)</td>
<td>11 (1.3)</td>
</tr>
<tr>
<td>Hispanic, any race</td>
<td>113 (26.6)</td>
<td>310 (36.5)</td>
</tr>
<tr>
<td>Unknown</td>
<td>6 (1.4)</td>
<td>32 (7.7)</td>
</tr>
<tr>
<td>Chronic Medical Conditions, n (%)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hypertension</td>
<td>18 (4.2)</td>
<td>42 (4.9)</td>
</tr>
<tr>
<td>Diabetes mellitus</td>
<td>9 (2.1)</td>
<td>21 (2.5)</td>
</tr>
<tr>
<td>Asthma</td>
<td>95 (22.4)</td>
<td>198 (23.4)</td>
</tr>
<tr>
<td>Thyroid disease</td>
<td>13 (3.1)</td>
<td>33 (3.9)</td>
</tr>
<tr>
<td>HIV</td>
<td>1 (0.24)</td>
<td>3 (0.4)</td>
</tr>
<tr>
<td>Current antibiotic usage, n (%)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fetal tachycardia (≥ 160 beats per min), n (%)</td>
<td>151 (59.5)</td>
<td>95 (15.1)</td>
</tr>
<tr>
<td>Diagnosis n (%)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pyelonephritis</td>
<td>83 (19.5)</td>
<td>45 (5.3)</td>
</tr>
<tr>
<td>Influenza</td>
<td>73 (17.2)</td>
<td>510 (60.4)</td>
</tr>
<tr>
<td>Pneumonia</td>
<td>23 (5.4)</td>
<td>20 (2.4)</td>
</tr>
<tr>
<td>Viral syndrome</td>
<td>81 (19.1)</td>
<td>94 (11.1)</td>
</tr>
<tr>
<td>Septic abortion</td>
<td>12 (2.8)</td>
<td>5 (0.6)</td>
</tr>
<tr>
<td>Chorioamnionitis</td>
<td>17 (4.0)</td>
<td>6 (0.7)</td>
</tr>
<tr>
<td>Endometritis</td>
<td>43 (10.1)</td>
<td>38 (4.5)</td>
</tr>
<tr>
<td>Mastitis</td>
<td>23 (5.4)</td>
<td>10 (1.2)</td>
</tr>
<tr>
<td>Gastroenteritis</td>
<td>36 (8.5)</td>
<td>*</td>
</tr>
<tr>
<td>Other</td>
<td>45 (10.6)</td>
<td>116 (13.7)</td>
</tr>
<tr>
<td>Labor and Delivery Data</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gestational age at delivery (weeks), mean (SD)</td>
<td>37.3 (6.6)</td>
<td>37.7 (5.1)</td>
</tr>
<tr>
<td>Route of delivery, n (%)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vaginal</td>
<td>259 (67.3)</td>
<td>540 (66.6)</td>
</tr>
<tr>
<td>Operative vaginal delivery</td>
<td>16 (4.2)</td>
<td>*</td>
</tr>
<tr>
<td>Cesarean delivery – Elective</td>
<td>56 (14.6)</td>
<td>119 (14.7)</td>
</tr>
<tr>
<td>Cesarean delivery – Non-elective</td>
<td>41 (10.7)</td>
<td>135 (16.6)</td>
</tr>
<tr>
<td>Cesarean delivery – Emergent</td>
<td>13 (3.4)</td>
<td>17 (2.1)</td>
</tr>
</tbody>
</table>

SD, standard deviation
* Not recorded