## Supplementary table 1 Variables included in the study

<table>
<thead>
<tr>
<th>Variables</th>
<th>Definition</th>
<th>Categories</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Outcome variable</strong></td>
<td>Neatones whose birth weight was lower than 10th percentile for gestational age</td>
<td>Small for gestational age (SGA)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Appropriate for gestational age (AGA)</td>
</tr>
<tr>
<td><strong>Socio-demographic variables</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mother’s age</td>
<td>Age of the mother in years</td>
<td>15-19 years</td>
</tr>
<tr>
<td></td>
<td></td>
<td>20-34 years</td>
</tr>
<tr>
<td></td>
<td></td>
<td>35 and above</td>
</tr>
<tr>
<td>Education</td>
<td>Education level of mother</td>
<td>Illiterate (women who could not read or write)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Literate (women who could read and write)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Basic education (women whose education level was less than tenth grade)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Secondary education and above (women whose education level was more than tenth grade)</td>
</tr>
<tr>
<td>Ethnicity</td>
<td>Castes based on the hierarchical caste system of Nepal</td>
<td>Dalit</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Janjati</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Madhesi</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Muslim</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Chhetri/Brahmin</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Others</td>
</tr>
<tr>
<td>Smoking</td>
<td>Women who had history of smoking</td>
<td>Yes/No</td>
</tr>
<tr>
<td>Passive smoking</td>
<td>Women living with someone who smoke in the same house at the time of data collection</td>
<td>Yes/No</td>
</tr>
<tr>
<td>Types of fuel</td>
<td>Fuel used for the cooking purpose</td>
<td>Clean fuel (biogas/electricity/LPG/natural gas)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Polluted fuel (kerosene/wood)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Both clean and polluted</td>
</tr>
<tr>
<td>Obstetric variables</td>
<td>Total number of previous pregnancies</td>
<td>Nulliparous (never carried a pregnancy)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Primiparous (1 birth)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Multiparous (&gt;2 births)</td>
</tr>
<tr>
<td>Deliveries</td>
<td>Number of deliveries in women [for example single or more than one (twins, triplets)]</td>
<td>Single/Multiple</td>
</tr>
<tr>
<td>Severe Anaemia</td>
<td>Women whose haemoglobin level is below 7g/dl</td>
<td>Yes/No</td>
</tr>
<tr>
<td>Antepartum hemorrhage</td>
<td>Bleeding during pregnancy prior to the birth of baby</td>
<td>Yes/No</td>
</tr>
<tr>
<td>ANC visit</td>
<td></td>
<td>Less than 4 ANC visits</td>
</tr>
<tr>
<td>Category</td>
<td>Description</td>
<td>Options</td>
</tr>
<tr>
<td>--------------------------------</td>
<td>-----------------------------------------------------------------------------</td>
<td>----------------------------------------------</td>
</tr>
<tr>
<td>Number of ANC visit by women</td>
<td>Number of ANC visit by women during pregnancy</td>
<td>4 or more ANC visits</td>
</tr>
<tr>
<td>First ANC visit</td>
<td>Time of first ANC visit by women during pregnancy</td>
<td>First trimester/Second trimester/third trimester</td>
</tr>
<tr>
<td>Delivery preparation</td>
<td>Women prepared regarding place to deliver, plan for transportation and financial</td>
<td>Yes/No</td>
</tr>
<tr>
<td>Neonatal variable</td>
<td>Sex of baby</td>
<td>Male/Female</td>
</tr>
<tr>
<td>Sex of baby</td>
<td>Sex of baby born to women</td>
<td></td>
</tr>
</tbody>
</table>