

**S1 Table. Demographic & socio-economic characteristics of the parents of 179 newborns including pregnancy characteristics**

| <b>Characteristics</b>                                                                | <b>Mother</b>         | <b>Father</b>      |
|---------------------------------------------------------------------------------------|-----------------------|--------------------|
| Age (in years)                                                                        | 25.4 ± 6.1 [16-43]    | 29.7 ± 7.5 [15-51] |
| < 18 years old (adolescents)                                                          | 4 (2.2%)              | 2 (1.1%)           |
| > 40 years old                                                                        | 1 (0.6%)              | 16 (8.9%)          |
| Ethnicity Karen*                                                                      | 146 (81.6%)           | 146/178 (82.0%)    |
| Duration of residence at current address along the Thailand-Myanmar border (in years) | 10 [<1-37]            | 10 [<1-45]         |
| Did attend school*                                                                    | 123 (68.7%)           | 134/178 (75.3%)    |
| School level reached                                                                  |                       |                    |
| Primary level                                                                         | 63/123 (51.2%)        | 61/134 (44.8%)     |
| Secondary level                                                                       | 60/123 (48.8%)        | 65/134 (48.5%)     |
| Higher education level                                                                | 0 (0%)                | 1/134 (0.7%)       |
| Religious or non-government school system                                             | 0 (0%)                | 8/134 (6.0%)       |
| Can read                                                                              | 125 (69.8%)           | 143 (79.9%)        |
| Smoking*                                                                              | 33 (18.4%)            | 121/178 (68.0%)    |
| Drinking alcohol ≥ 5 days a week*                                                     | 0 (0%)                | 21/178 (11.8%)     |
| <b>Pregnancy characteristics</b>                                                      | <b>Not applicable</b> |                    |
| Trimester at enrolment to antenatal care                                              |                       |                    |
| 1 <sup>st</sup> trimester                                                             | 75 (41.9%)            |                    |
| 2 <sup>nd</sup> trimester                                                             | 76 (42.5%)            |                    |
| 3 <sup>rd</sup> trimester                                                             | 28 (15.6%)            |                    |
| Gravidity                                                                             | 2 [1-9]               |                    |
| Parity                                                                                | 1 [0-7]               |                    |
| Primipara                                                                             | 46 (25.7%)            |                    |

|                                                                               |                        |
|-------------------------------------------------------------------------------|------------------------|
| Grand multipara (> 4 live-births prior to this child)                         | 9 (5.0%)               |
| Height (cm)                                                                   | 151.1 ± 5.2 [137-175]  |
| < 145cm                                                                       | 14 (7.8%)              |
| Weight on admission (kg)                                                      | 50.3 ± 7.4 [34-85]     |
| Enrolled at 1 <sup>st</sup> trimester                                         | 48.7 ± 7.0 [35-69]     |
| Enrolled at 2 <sup>nd</sup> trimester                                         | 50.5 ± 7.5 [34-85]     |
| Enrolled at 3 <sup>rd</sup> trimester                                         | 54.3 ± 6.8 [46-71]     |
| BMI (kg/m <sup>2</sup> ) for women enrolled in 1 <sup>st</sup> trimester only | 21.2 ± 2.8 [16.4-30.3] |
| < 18.5 kg/m <sup>2</sup>                                                      | 11 (14.7%)             |
| 18.5 to 22.9 kg/m <sup>2</sup>                                                | 51 (68.0%)             |
| ≥ 23.0 kg/m <sup>2</sup>                                                      | 13 (17.3%)             |
| Weight at delivery (if taken within 10 days of birth)<br>(kg)*                | 57.4 ± 7.2 [41-92]     |
| Anemia (Hematocrit < 30% at least once in<br>pregnancy)                       | 30 (16.8%)             |
| Numbers are mean ±SD, [range] or median [range] or number (%)                 |                        |

\*1 father information missing; 16 weight measurements at delivery missing