Additional file 2. Prevalence of clinical morbidity and indicators for malnutrition by sex and age group. 852 study participants underwent a clinical examination and had full records for anthropometric measurements for the assessment of their nutritional status.

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Overall pos/n (%)</th>
<th>Sex</th>
<th>Age group (years)</th>
<th>p-value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fever (≥38.0 °C)</td>
<td>43/852 (5.1)</td>
<td>26/431 (6.0)</td>
<td>14/505 (15.3)</td>
<td>0.005</td>
</tr>
<tr>
<td>Mean hemoglobin level (g/l)</td>
<td>122.4</td>
<td>117.9</td>
<td>126.4</td>
<td>&lt;0.001</td>
</tr>
<tr>
<td>Moderately anaemic</td>
<td>163/852 (19.1)</td>
<td>86/431 (20.0)</td>
<td>64/291 (22.1)</td>
<td>&lt;0.001</td>
</tr>
<tr>
<td>Severely anaemic</td>
<td>3/852 (0.4)</td>
<td>2/431 (0.5)</td>
<td>1/421 (0.2)</td>
<td>1.000</td>
</tr>
<tr>
<td>Splenomegaly</td>
<td>134/852 (15.7)</td>
<td>59/431 (13.7)</td>
<td>60/431 (13.7)</td>
<td>&lt;0.001</td>
</tr>
<tr>
<td>Hepatomegaly</td>
<td>2/852 (0.2)</td>
<td>0/431 (0.0)</td>
<td>0/421 (0.0)</td>
<td>1.000</td>
</tr>
</tbody>
</table>

**Indicators of malnutrition*:**

- Moderately stunted (H/A Z-score ≤2)
- Severely stunted (H/A Z-score ≤3)
- Any form of wasting
- Moderately wasted (W/H Z-score ≤2)
- Severely wasted (W/H Z-score ≤3)
- Any form of wasting
- Moderately underweight (W/A Z-score ≤2)
- Severely underweight (W/A Z-score <3)
- Any form of underweight
- Moderate thinness (defined by BMI)
- Severe thinness (defined by BMI)
- Any form of thinness
- Moderately malnourished (defined by MUAC)
- Severely malnourished (defined by MUAC)
- Any form of malnutrition/low MUAC
- Any indicator for malnutrition

* Certain nutritional indicators are applicable for specific age classes only: stunting for age group 0-14 years, wasting for children under 5 years, underweight for children up to 10 years, and MUAC is considered as an appropriate indicator for children under 5 and adults (>18 years)

* Of mild, moderate or severe nature

5 Of moderate or severe nature