**S3 Table.** **Individual level variables.** List of variables utilized for describing the children conditions at the individual level.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Group of variables** | **Name** | **Type** | **Description** | **Source** |
| **Individual** | Sex | Binary | Male or female | Pre-tested and structured questionnaire (see Methods) |
| Age group | Ordinal | 1: under 5 years old; 2: between 5 to 9 years old; 3: over 9 years old |
| **Nutritional conditions** | Wasted | Binary | Weight for length/height Z-score (WHZ) < -2 SD | Data calculated from the children measurements collected by the local authorities at each PHCC. Calculations were done using the sex-specific WHO Child Growth Standards through WHO Anthro and WHO Anthro Plus software. |
| Stunted | Binary | Length/height for age Z-score (HAZ) < -2 SD |
| Underweight | Binary | Weight for age Z-score (WAZ) < -2 SD |
| Obese or overweight | Binary | Body mass for age Z-score (BMIZ) > 1 SD |
| **Exposure** | Previous deworming treatment | Binary | Children who received previous antiparasitic treatment | Pre-tested and structured questionnaire (see Methods) |
| **Habits** | Hand washing | Binary | Child with hand washing habit | Pre-tested and structured questionnaire (see Methods) |
| Using shoes | Binary | Child with the habit of wearing shoes |
| Playing with soil | Binary | Child with the habit of playing with soil |