Supplementary Table S1. Inclusion and exclusion criteria

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| **Participants’ attributes** | **Reason** |
| **Inclusion criteria: children will be included if they meet the following conditions:** |
| Aged 5–17 years of age | The age group with high prevalence and infection intensity |
| Permanent residence of the selected areas/schools | At risk of infection |
| They have participated in the MDA using PZQ or ALB | To allow determination of the effect of the treatment on the infection |
| No history of anthelminthic treatment in the past 6 months | To avoid previous treatment effects |
| They have provided single urine and stool | For parasitological diagnosis |
| Provide signed parental consent for the children to participate in the study  | To allow children to be accepted in the study and adhering to Helsinki declaration, participation into the study is on voluntary basis |
| **Adults will be included in the study if they meet the following conditions** |
| Aged ≥18 years | Depending on force of infection, they remain susceptible to infection |
| Provide written informed consent  | To ensure voluntary participation in the study |
| Submit urine and stool samples  | For parasitological screening |
| No history of using anthelminthic in the past 6 months | To avoid effects of previous treatment |
| **Exclusion criteria: children and adults will be excluded from the study if:** |
| They have received anthelminthic treatment outside of the study during the follow-up period | To avoid measuring the effects of other treatment rounds |
| Parents/guardians refuse to give informed consent  | To respect parental decisions/participation is voluntary |
| Failure to provide stool and urine samples  | To allow baseline collection of parasitological data  |