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| **SUPPLEMENTARY DATA** |

**S5 Table: Intra-Class Correlation values**

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| Risk factor analysis | Model | Level of clustering | Intra-Class Correlation (95% IC)\* |
| Hookworm infection prevalence\*\* | Model with age and sex | Cluster level | 0.16 (0.10-0.26) |
| Household within Cluster level | 0.58 (0.40-0.74) |
| Fully adjusted model | Cluster level | 0.03 (0.01-0.10) |
| Household within Cluster level | 0.39 (0.18-0.65) |
| Ascaris lumbricoides infection prevalence \*\* | Model with age and sex | Cluster level | 0.54 (0.34-0.73) |
| Household within Cluster level | 0.60 (0.38-0.78) |
| Fully adjusted model | Cluster level | 0.42 (0.23-0.64) |
| Household within Cluster level | 0.51 (0.26-0.76) |

Notes:

\*The Intraclass correlation statistics reports two intraclass correlations for this three-level nested model. The first is the level-3 intraclass correlation at the cluster level, the correlation between Hookworm or *Ascaris lumbricoides* infection prevalence in the same cluster. The second is the level-2 intraclass correlation at the household-within-cluster level, the correlation between prevalence of infection with *Ascaris lumbricoides* in the same household and cluster.

\*\* Generalized logistic mixed model with exchangeable correlation matrix