

Additional File 5: Vector control intervention effectiveness parameter values

Table S5: Vector control intervention effectiveness parameter values*

Parameter	Deterrecency	Preprandial Killing Effect	Postprandial Killing Effect
ITN Base Factor	-	0	0
ITN Hole Factor	1	0	0
ITN Hole Scaling Factor	1	0	0
ITN Insecticide Factor	8416	972	972
ITN Insecticide Scaling Factor	0.001	0.001	0.001
ITN Interaction Factor	1	0	0
IRS Pyrethroid Insecticide	0.1116	0	0.2772

**Note: all values are based on Chitnis 2010[1] updated with the model described in Briet 2012[2] unless otherwise noted. Please note that all figures for “IRS Pyrethroid Insecticide” in this table have been adjusted from their original levels to account for the proportion of exposure in the study area occurring outdoors. Unadjusted initial values for these parameters by species can be found in the sources noted above.*

References

1. Chitnis N, Smith T, Schapira A: **Parameter Values for Transmission Model. Unpublished work.** pp. 1 - 17. Basel: Swiss TPH; 2010:1 - 17.
2. Briet OJ, Hardy D, Smith TA: **Importance of factors determining the effective lifetime of a mass, long-lasting, insecticidal net distribution: a sensitivity analysis.** *Malaria journal* 2012, **11**:20.