

S8 Table. Stratum-specific estimates for the association between the IRS and microscopic *P. falciparum* prevalence at the end of the wet seasons. The reference for all comparisons was Survey 1 (pre-IRS, October 2012).

Factor	Microscopic <i>P. falciparum</i> infection ^a		
	Pre-IRS Survey 1 (October 2012) aOR ^b	Post-IRS Survey 3 (October 2015) aOR (95% CI) ^b	<i>p</i> -value
Age groups			
1-5 years	1.00	0.19 (0.13-0.27)	< 0.001
6-10 years	1.00	0.41 (0.31-0.56)	< 0.001
11-20 years	1.00	0.56 (0.42-0.73)	< 0.001
21-39 years	1.00	0.63 (0.43-0.94)	0.023
≥ 40 years	1.00	0.83 (0.59-1.18)	0.311

aOR=adjusted odds ratio; CI=confidence interval, to deal with the repeated measures the cluster sandwich variance estimator was used

^a Participants were excluded from the model if their antimalarial treatment in the previous two weeks was not known: Survey 3 (N = 79).

^b Age group, sex, catchment area, LLIN usage the previous night, and antimalarial treatment in the previous two weeks are adjusted for in the multivariable logistic regression model.