

S11 Table. Absolute decrease in the probability of having a *P. falciparum* infection (i.e., microscopic or submicroscopic) post-IRS in Bongo at the end of the wet season. Results are expressed in terms of Attributable Risk (AR) and Attributable Risk percentage (AR%).

Outcome	Demographic characteristics	Pre-IRS to Post-IRS End of wet season Survey 1 to Survey 3		
		AR (95% CI)	AR% (95% CI)	p-value
Positive for a <i>P. falciparum</i> infection (i.e., microscopic or submicroscopic)	All	0.322 (0.293, 0.351)	43.6 (40.3, 46.8)	< 0.001
	Age Groups			
	1-5 years	0.466 (0.403, 0.529)	65.1 (58.1, 70.9)	< 0.001
	6-10 years	0.298 (0.238, 0.358)	35.3 (28.7, 41.4)	< 0.001
	11-20 years	0.277 (0.220, 0.334)	32.9 (26.6, 38.7)	< 0.001
	21-39 years	0.302 (0.227, 0.377)	46.5 (36.3, 55.1)	< 0.001
	≥ 40 years	0.290 (0.227, 0.354)	46.1 (37.4, 53.5)	< 0.001
	Sex			
	Female	0.315 (0.274, 0.355)	45.1 (40.2, 49.6)	< 0.001
	Male	0.330 (0.288, 0.372)	42.0 (37.3, 46.4)	< 0.001
	Catchment area			
Vea/Gowrie	0.288 (0.245)	43.1 (37.7, 48.1)	< 0.001	
Soe	0.351 (0.312, 0.391)	43.8 (39.4, 48.1)	< 0.001	

AR (Attributable Risk = (Pre-IRS Risk) - (Post-IRS Risk))

AR% (Attributable Risk Percentage = ((Pre-IRS Risk) - (Post-IRS Risk) / (Pre-IRS Risk)) * 100%)

CI=confidence interval