

Table 5: Risk of malaria occurrence among exposed study participants in Bamendjou

Variable	Relative Risk (95% CI)	Attributable risk (95% CI)	Odds ratio (95% CI)	Sensitivity (95% CI)	Specificity (95% CI)	LR	P-value
Non-use of LLINs	0.18 0.093 to 0.36	0.33 0.2 to 0.45	0.12 0.05 to 0.28	23.08 12.65 to 38.34	24.48 22.02 to 35.96	0.32	<0.0001****
Non-use of window and door nets	2.16 1.13 to 3.77	0.2 0.01 to 0.43	2.86 1.2 to 7.36	23.08 12.65 to 38.34	90.51 84.93 to 94.16	2.43	0.0286*
Non-use of insect repellent spray	2.81 1.48 to 5.44	0.19 0.07 to 0.3	3.55 1.62 to 7.48	74.36 58.92 to 85.43	55.06 47.28 to 62.61	1.66	0.0012**
Not draining stagnant water	1.2 0.69 to 2.09	0.04 -0.08 to 0.16	1.26 0.61 to 2.58	48.72 33.87 to 63.80	56.96 49.17 to 64.43	1.13	0.5904
Not Killing mosquito with a broom	0.57 0.33 to 0.1	0.11 -0.02 to 0.23	0.49 0.24 to 0.98	53.85 38.57 to 68.43	29.76 23.36 to 37.07	0.77	0.0592
Non-use of mosquito coil	0.69 0.39 to 1.32	0.08 -0.1 to 0.22	0.62 0.28 to 1.41	74.36 58.92 to 85.43	17.72 12.56 to 24.42	0.9	0.2639