

**Table 4: Risk of malaria occurrence among exposed study participants in Foubot**

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	1.29 0.88 to 1.76	0.13 -0.07 to 0.31	1.67 0.81 to 3.65	25 16.81 to 35.48	83.33 74.31 to 89.63	1.5	0.1898
Non-use of window and door nets	1.09 0.76 to 1.5	0.04 -0.13 to 0.21	1.82 0.62 to 2.22	31.25 22.15 to 42.07	72.22 62.20 to 80.42	1.23	0.7362
Non-use of insect repellent spray	1.48 1.07 to 2.1	0.18 0.02 to 0.33	2.08 1.11 to 3.82	62.5 51.55 to 72.31	55.56 45.27 to 65.38	1.41	0.0214*
Not draining stagnant water	1.79 1.31 to 2.43	0.29 0.12 to 0.43	3.29 1.72 to 6.29	50 39.3 to 60.7	76.67 66.95 to 84.2	2.14	0.0004***
Not Killing mosquito with a broom	0.92 0.66 to 1.37	0.04 -0.14 to 0.22	0.86 0.41 to 1.79	75 64.52 to 83.19	22.22 14.87 to 31.85	0.96	0.7191
Non-use of mosquito coil	1.2 0.86 to 1.74	0.08 -0.08 to 0.23	1.4 0.75 to 2.68	68.75 57.93 to 77.85	38.89 29.47 to 49.22	1.13	0.3366
Non-use of insect repellent body cream	2.02 1.32 to 3.26	0.29 0.11 to 0.42	3.31 1.63 to 6.68	81.25 71.34 to 88.29	43.33 33.58 to 53.64	1.43	0.0009***
Non-use of mosquito candle	0.79 0.58 to 1.12	0.12 -0.05 to 0.3	0.63 0.31 to 1.23	68.75 57.93 to 77.85	22.22 14.87 to 31.85	0.88	0.2234
Non-use of mosquito spray	2.52 1.5 to 4.55	0.34 0.16 to 0.47	4.46 2.03 to 9.42	87.5 78.5 to 93.07	38.89 29.47 to 49.22	1.43	0.0001***