

Additional file 4

Absolute seroconversion rate (SCR), entomological inoculation rate (EIR) and seroprevalence ranges using the sample sizes shown in Table 3 and 99% confidence level for the respective intervals.

population	SCR	sample size	absolute SCR range	absolute EIR range	seroprevalence range
Africa	0.0036	281	0.0014–0.0062	0.00–0.03	0.023–0.095
		494	0.0019–0.0055	0.00–0.03	0.031–0.085
		1107	0.0025–0.0049	0.00–0.02	0.040–0.076
		4602	0.0030–0.0042	0.01–0.01	0.049–0.066
	0.0108	116	0.0047–0.0189	0.02–0.34	0.074–0.248
		203	0.0060–0.0167	0.03–0.27	0.093–0.225
		451	0.0075–0.0146	0.05–0.20	0.113–0.202
		1780	0.0091–0.0126	0.07–0.15	0.135–0.179
	0.0324	68	0.0165–0.0599	0.26–3.79	0.222–0.523
		115	0.0195–0.0519	0.37–2.81	0.254–0.486
		251	0.0232–0.0446	0.53–2.05	0.289–0.446
		979	0.0274–0.0381	0.75–1.48	0.326–0.406
	0.0969	75	0.0573–0.1940	3.46–43.92	0.512–0.796
		121	0.0636–0.1631	4.30–30.58	0.540–0.764
		251	0.0719–0.1368	5.55–21.20	0.572–0.727
		949	0.0828–0.1148	7.45–14.72	0.608–0.688
0.2900	145	0.1863–0.6188	40.35–492.04	0.789–0.938	
	223	0.2005–0.5084	47.02–326.74	0.802–0.922	
	443	0.2206–0.4179	57.36–217.23	0.819–0.904	
	1625	0.2493–0.3456	74.05–146.18	0.838–0.883	
SEA+SA	0.0036	223	0.0014–0.0062	0.00–0.03	0.030–0.120
		402	0.0020–0.0055	0.00–0.03	0.041–0.108
		861	0.0024–0.0048	0.00–0.02	0.051–0.096
		3570	0.0030–0.0042	0.01–0.01	0.062–0.084
	0.0108	94	0.0048–0.0191	0.02–0.35	0.095–0.306
		165	0.0061–0.0168	0.03–0.27	0.119–0.278
		367	0.0075–0.0146	0.05–0.20	0.143–0.250
		1481	0.0091–0.0126	0.07–0.15	0.169–0.222
	0.0324	62	0.0172–0.0610	0.28–3.94	0.283–0.608
		104	0.0200–0.0524	0.39–2.88	0.316–0.567
		222	0.0234–0.0449	0.53–2.08	0.353–0.525
		864	0.0275–0.0382	0.75–1.48	0.394–0.481
	0.0969	86	0.0596–0.1996	3.75–46.57	0.601–0.851
		136	0.0652–0.1659	4.52–31.71	0.625–0.823
		276	0.0727–0.1381	5.68–21.61	0.653–0.792
		1031	0.0830–0.1151	7.49–14.80	0.685–0.757
0.2900	202	0.1893–0.6275	41.74–506.58	0.844–0.954	
	308	0.2027–0.5130	48.09–332.93	0.853–0.943	
	606	0.2218–0.4199	58.04–219.33	0.865–0.929	
	2203	0.2497–0.3461	74.26–146.61	0.880–0.913	