

S3 Table. Latent class analyses among malaria cases: probability of latent class membership and item-response probabilities within each of the six clusters

Characteristic	Class 1 (5) Young children	Class 2 (6) Namibian pensioners	Class 3 (5) School-age children	Class 4 (3) Students	Class 5 (1) Outdoor exposures	Class 6 (3) Agricultural exposures
Probability of latent class membership within classes	7.40%	7.01%	21.82%	13.8%	35.6%	14.4%
Agricultural worker	0.000	0.111	0.000	0.000	0.000	0.900
Cattle herder	0.000	0.000	0.000	0.000	0.058	0.000
Child	0.982	0.000	1.000	0.000	0.183	0.000
Student	0.000	0.000	0.000	1.000	0.303	0.000
Unemployed/Pensioner	0.000	0.852	0.000	0.000	0.256	0.000
Security guard	0.000	0.000	0.000	0.000	0.034	0.015
Age category (years)						
0-4	1.000	0.000	0.000	0.000	0.000	0.000
5-14	0.000	0.074	1.000	1.000	0.000	0.000
15-59	0.000	0.000	0.000	0.000	1.000	1.000
60+	0.000	0.926	0.000	0.000	0.000	0.000
Male	0.509	0.296	0.524	0.557	0.577	0.602
Traditional home	0.509	0.407	0.429	0.528	0.500	0.504
Tent	0.000	0.019	0.006	0.009	0.039	0.020
No structure	0.053	0.000	0.095	0.047	0.040	0.027
Slept under net	0.456	0.477	0.345	0.311	0.273	0.471
Cross-border migrant	0.105	0.000	0.048	0.009	0.053	0.094
Cross-border travel	0.053	0.019	0.024	0.009	0.014	0.048
Outdoor activities at night						
2 or more	0.860	0.519	0.363	0.377	0.282	0.282
Work (farming)	0.000	0.204	0.000	0.000	0.000	0.369
Sleeping	0.211	0.222	0.181	0.181	0.122	0.321
Playing	0.123	0.000	0.518	0.292	0.099	0.000
Bite prevention	0.018	0.000	0.071	0.057	0.029	0.009