

Supplemental Table S1. Relationship between malaria prevalence and entomological indicators at cluster level (linear regression)

| Entomological indicators | Mean (95% CI) | Cluster malaria prevalence | | | |
|---|---------------------|----------------------------|------------|---------|------|
| | | Coefficient | 95% CI | p-value | R2 |
| Indoor human biting rate (b/p/n) | 27.92 (26.59-29.28) | 0.17 | 0.03-0.32 | 0.01 | 0.09 |
| Indoor entomological inoculation rate (ib/p/m) | 21.97 (20.79-23.18) | 0.16 | 0.07-25.5 | 0.001 | 0.17 |
| Outdoor human biting rate (b/p/n) | 19.12 (18.02-20.26) | 0.24 | 0.04-0.45 | 0.02 | 0.08 |
| Outdoor entomological inoculation rate (ib/p/m) | 6.02 (5.41-6.67) | 0.12 | -0.19-0.42 | 0.45 | 0.01 |

Abbreviations
 CI: Confidence interval
 b/p/n: bite/person/night
 ib/p/m: infected bites/person/month

Supplemental Figure S1. Scatter plot comparing the relationship between malaria prevalence rates and entomological indicators at cluster level.

