## Supplementary figure 2. Baseline characteristics and malaria control measures in place at each study site, ordered by increasing malaria incidence (intention-to-treat population)

|  |  |
| --- | --- |
| **A.** Children 5-17 months of age at enrollment | **B.** Infants 6-12 weeks of age at enrollment |
| **Age (Months)** | **Age (Weeks)** |
|  |  |
| **Gender (%Male)** | **Gender (%Male)** |
|  |  |
| **Height-for-age Z-score** | **Height-for-age Z-score** |
|  |  |
|  | RTS,S/AS01 vaccine |  | Control vaccine |
| *Figure continues on next page* |  |
| **A.** Children 5-17 months of age at enrollment | **B.** Infants 6-12 weeks of age at enrollment |
| **Weight-for-age Z-score** | **Weight-for-age Z-score** |
|  |  |
| **Distance from outpatient facility (km)** | **Distance from outpatient facility (km)** |
|  |  |
| **Distance from inpatient facility (km)** | **Distance from inpatient facility (km)** |
|  |  |
| **Hemoglobin at baseline (g/dL)** | **Hemoglobin at baseline (g/dL)** |
|  |  |
|  | RTS,S/AS01 vaccine |  | Control vaccine |
| *Figure continues on next page* |  |
| **A.** Children 5-17 months of age at enrollment | **B.** Infants 6-12 weeks of age at enrollment |
| **Prevalence of moderate anemia at enrollment (%)** | **Prevalence of moderate anemia at enrollment (%)** |
|  |  |
| **No prior HepB vaccination (%)** | **No prior HepB vaccination (%)** |
|  |  |
| **IPTi Coverage (%)** | **IPTi Coverage (%)** |
|  |  |
| **ITN Coverage (%)** | **ITN Coverage (%)** |
|  |  |
|  | RTS,S/AS01 vaccine |  | Control vaccine |
| *Figure continues on next page* |  |
| **A.** Children 5-17 months of age at enrollment | **B.** Infants 6-12 weeks of age at enrollment |
| **IRS Coverage (%)** | **IRS Coverage (%)** |
|  |  |
|  | RTS,S/AS01 vaccine |  | Control vaccine |

Study sites are ordered from lowest (Kilifi) to highest (Siaya) incidence of clinical malaria, defined as a measured or reported fever within previous 24h and parasite density >0 parasites per cubic millimeter(i.e. clinical malaria secondary case definition), measured in control infants 6-12 weeks of age at enrollment during 12 months of follow-up.

Blinded = data are not presented to maintain individual subject blinding.