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| **Additional file 1.** Data sources and cost categorization.ACD: active case detection, AL: artemether-lumefantrine, CHW: community health worker, HF: health facility, RDT: rapid diagnostic test. | | | | | | |
| **Data source** | **Observations** | **Years** | **Target** | **Elicitation** | **Outcomes** | **Cost categories and other information** |
| **Household costs associated with malaria** | | | | | | |
| ACD follow-up | 688 cases | 2016-2018 | Children 6 months to 5 years | Self-reported | Uncomplicated and severe malaria case | Traditional healer1, CWH1, transport to HF, direct medical2 and non-medical3 at HF, treatment after the HF and indirect costs. |
| Cross-sectional | 2,529 cases | 2017-2018 | All ages |
| **Health system costs associated with malaria** | | | | | | |
| Retrospective patient data | 107 admissions | 2016 | Malaria admissions | Clinical record | Severe malaria case | Medical interventions registered in files: treatment4 and diagnostic tests (including non-malaria related), time of health worker, and medical commodities employed.  Symptoms, number of days and outcome of the admission.  Socio-demographic data from patient: sex, age, weight and pregnancy status. |
| HF questionnaire | 13 key informants (one per HF) | 2018 | Malaria outpatients | Interview | Uncomplicated malaria case and health facility description | HF catchment area, human resources and services provided, access to vehicles, RDT and AL availability, health workers time to malaria activities and commodity utilization. |
| Notes:  1Costs included user fees, diagnostics, treatment prescribed and transport to care.  2Costs included user fees, diagnostics, treatments and information about admission expenses.  3Costs included food, phone calls and others.  4Treatments included dosage and intake frequency. | | | | | | |