**Additional files**

**Additional file 1: Biting rates (bites per person per night) of *An. gambiae* based on human landing catches (HLC) conducted indoors and outdoors from sentinel sites in Democratic Republic of Congo in 2015 and 2016.**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Period** | **Location** | **Kabondo, Tshopo** | **Kingasani, Kinshasa** | **Mikalayi, Lulua** | **Kalemie, Tanganyika** | **Katana, Sud Kivu** |
| **2015 *An. gambiae***  |
| Jan to Mar | Indoor | 13 | 4 | 12 | 0.4 | 0.3 |
|  | Outdoor | 3 | 8 | 10 | 1 | 0.4 |
| Apr to Jun | Indoor  | 9 | 7 | 5 | 2 | 1 |
|  | Outdoor | 5 | 3 | 8 | 2 | 1 |
| Jul to Sep | Indoor | 96 | 2 | 13 | 3 | 1 |
|  | Outdoor | 68 | 5 | 16 | 2 | 1 |
| 2015 mean | Indoor | 39 | 4 | 10 | 2 | 1 |
|   | Outdoor | 25 | 5 | 11 | 2 | 1 |
| **2016 *An. gambiae***  |
| Jan to Feb | Indoor | 18 | 2 | 6 | 5 | 2 |
|  | Outdoor | 14 | 7 | 1 | 3 | 2 |
| Mar to Apr | Indoor  | 68 | 12 | 5 | 7 | 2 |
|  | Outdoor | 39 | 11 | 4 | 3 | 2 |
| May to Jun | Indoor | 6 | 14 | 1 | 7 | 2 |
|  | Outdoor | 6 | 19 | 1 | 5 | 1 |
| 2016 mean | Indoor | 30 | 9 | 4 | 6 | 2 |
|   | Outdoor | 20 | 12 | 2 | 4 | 1 |