**Supplementary Table 2: Distribution of cases with severe malaria anemia by parasite density in the case-control study.**

| Clinical Phenotype | Parasite density | Total |
|--------------------|------------------|-------|
|                    | <10000           | 10001-50000 | 50001-99999 | ≥ 100000 |
|                    | n                | n       | n          | n        |
| SMA only            | 18               | 14      | 8          | 8        | 48 |
| SMA+CM             | 9                | 1       | 1          | 3        | 14 |
| SMA+CM+Hypoglycemia| 2                | 1       | 0          | 1        | 4  |
| Total              | 30               | 16      | 9          | 12       | 67 |

Most severe malaria anemia cases are associated with *P. falciparum* parasite density below 10,000 parasites per µL.