**Supplement to:**

**Background rates of adverse pregnancy outcomes for assessing the safety of maternal vaccine trials in Sub-Saharan Africa**

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**Table S1:** Meta-analysis of the proportion of maternal deaths that occur before delivery, during labor and delivery or within 24 hours, and 24 hours to 42 days post-partum.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Study Author** | **Years** | **Country** | **Study design** | **Maternal deaths** | **Before Delivery n, (%)** | **During Delivery n, (%)** | **1-42 days post-partum n, (%)** |
| McDermott [[1](#_ENREF_1)] | 1987-1989 | Malawi | Prospective cohort | 15 | 3 (20) | 4 (27) | 8 (53) |
| Martey [2]  | 1985-1989 | Ghana | Population survey | 44 | 10 (23) | 32 (73) | 2 (5) |
| Hoj [3] | 1996-1997 | Guinea-Bissau | Population survey | 111 | 20 (18) | 48 (43) | 43 (39) |
| Bouvier-Collé [4] | 1994-1996 | 6 countries | Prospective cohort | 52 | 4 (8) | 20 (38) | 28 (54) |
| Walraven [5] | 1993-1998 | Gambia | Population survey | 18 | 8 (44) | 6 (33) | 4 (22) |
| Cham [6] | 2002 | Gambia | Record review and verbal autopsy | 42 | 4 (10) | 17 (40) | 21 (50) |
| Greenwood [7] | 1982-1983 | Gambia | Prospective cohort | 14 | 4 (29) | 6 (42) | 4 (29) |
|  |  |  | *Heterogeneity (I^2*, *p-value)* | *68%, 0.008* | *78%, <0.001* | *---a* |
|  |  |  | *Analysis* | *Random effects* | *Random effects* | *---* |
|  |  |  | ***Mean outcome*** | **18.6% (14 – 24)** | **44.9% (35 – 53)** | **36.5% (27 – 47)** |

aThe proportion of maternal deaths in the post-partum period was taken to be 1 minus the proportions before and during delivery.

**References:**

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