

## Supplemental Material

**Supplementary Table 1: Maternal demographics stratified by self-reported HIV status of women who lived >10 km away from a health facility**

Characteristic	Did not have an HIV test at last pregnancy (n=164)	Did not know HIV status (n=23)	Prefer not to disclose HIV test (n=15) and prefer not to disclose HIV status (n=14); (n=29)	HIV positive women (n=50)
Age (years), mean (SD)	25.6 (7.5)***	25.9 (8.1) ***	26.8 (7.5)***	32.6 (6.47)
Marital status, n (%)				
Married	134 (81.7)	19 (82.6)	28 (96.5)	42 (84.0)
Divorced/separated/widowed	16 (9.8)	3 (13.0)	(0.0)	7 (14.0)
Single	14 (8.5)	1 (4.4)	1 (3.5)	1 (2.0)
Highest education completed, n (%)				
None	34 (20.7)^	7 (30.4)	6 (21.4)	9 (18.0)
Primary	108 (65.8)^	16 (60.9)	17 (60.7)	26 (52.0)
More than primary	22 (13.4)^	2 (8.7)	5 (17.9)	15 (30.0)
First pregnancy, n (%)	46 (28.0)***	6 (62.1)**	6 (20.7)^	2 (4.0)
Gravida, median (IQR)	3 (1-5)***	3 (1-6)**	3 (2-5)^	5 (4-6)
Parity, median (IQR)	3 (1-5)***	4 (1-6)**	3 (2-5)^	5 (4-7)
Household size, median (IQR)	6 (5-8)^	5 (3-8)	6 (4-11)	7 (5-9)
Wealth index				
1 (lowest)	56 (36.4)**	5 (27.8)	7 (25.9)	10 (21.7)
2	50 (32.5)**	4 (22.2)	7 (25.9)	11 (23.9)
3	32 (20.9)**	4 (22.2)	7 (25.9)	12 (26.1)
4 (highest)	16 (10.4)**	5 (27.8)	6 (22.2)	13 (28.3)
Number of ANC visits, n (%)				
None	8 (4.9)	1 (4.4)	1 (3.4)**	0 (0.0)
1	8 (4.9)	0 (0.0)	0 (0.0)**	3 (6.0)
2	20 (12.2)	0 (0.0)	0 (0.0)**	4 (8.0)
3	52 (31.7)	7 (30.4)	16 (55.2)**	9 (18.0)
≥4	76 (46.3)	15 (65.2)	12 (41.3)**	34 (68.0)
Delivered at a health facility, n (%)	122 (74.4)	22 (95.6)	22 (75.9)	43 (86.0)

^P value is significant at 0.05; \*\*P value is significant at 0.01; \*\*\*P value is significant at &lt;0.001.

**Supplementary Table II: Maternity waiting home awareness and utilization stratified by maternal HIV status**

Characteristic	Prefer not to disclose HIV test (n=15) and prefer not to disclose HIV status (n=14); (n=29)	HIV positive women (n=50)	Prefer not to disclose HIV test (n=15) and prefer not to disclose HIV status (n=14); (n=29) + HIV positive women (n=50); (n=79)	HIV negative women (n=2108)
Knowledge of MWH prior to HHS, n (%)	21 (72.4)	39 (78.0)	60 (75.9)	1709 (81.2%)
Source of MWH knowledge, n (%)				
Traditional Leadership	3 (10.3)	4 (8.0)	7 (8.9)	160 (7.6%)
Healthcare worker	12 (41.4)	32 (82.1)	44 (73.3)	1280 (74.9%)
TBA/SMAG	7 (24.1)	14 (28.0)	23 (26.6)	697 (33.1%)
Family	1 (4.8)	10 (25.6)	11 (18.3)	347 (20.3%)
Community members	5 (17.2)	14 (28.0)	19 (24.0)	500 (23.7%)
Radio	4 (13.4)	4 (10.3)	8 (13.3)	100 (5.9%)
Utilization of MWH among those who self-reported knowledge of MWH, n (%) (n=60, 21, 1709)	10 (47.6)	18 (46.1)	28 (46.7)	671 (39.3%)
Duration of MWH stay (days), mean (sd)	1.7 (3.2)	4.6 (10.5)	3.5 (8.6)	3.6 (9.1)
Reason for utilizing MWH, n (%)				
ANC	-	-	-	4 (0.6)
Delivery	7 (77.8)	15 (83.3)	22 (81.4)	531 (81.7)
PNC	0 (0.0)	1 (5.6)	1 (3.7)	14 (2.2)
More than 1 reason	2 (22.2)	2 (11.1)	4 (14.8)	101 (15.5)

\*\*No values were statistically significant at P value <0.05; TBA=Traditional birth attendant; SMAG=Safe Motherhood Action Group member.