

Supplemental Table 1 Associations between the intendedness of the pregnancy and elevated viral load (VL) ≥ 50 copies/mL postpartum from unadjusted models, and after adjustment for (A) demographic and clinical factors; and additional adjustment for (B) baseline and (C) postpartum psychosocial factors; stratified by assumptions regarding missing viral load measures

Variable ¹	Unadjusted models		Adjusted model A		Adjusted model B		Adjusted model C	
	OR [95% CI] ²	P-value	aOR [95% CI] ³	P-value	aOR [95% CI] ⁴	P-value	aOR [95% CI] ⁵	P-value
<i>Total sample</i>								
LMUP category (versus Planned)								
Ambivalent	2.19 [0.97, 4.92]	0.058	1.72 [0.73, 4.05]	0.217	1.72 [0.73, 4.05]	0.214	1.56 [0.65, 3.76]	0.322
Unplanned	2.87 [1.46, 5.64]	0.002	1.97 [0.94, 4.14]	0.074	1.86 [0.89, 3.89]	0.099	1.73 [0.81, 3.69]	0.156
<i>Assuming that all missing viral load measures were <50 copies/mL</i>								
LMUP category (versus Planned)								
Ambivalent	2.12 [1.06, 4.21]	0.033	1.80 [0.92, 3.51]	0.085	1.76 [0.91, 3.41]	0.093	1.47 [0.75, 2.88]	0.261
Unplanned	2.35 [1.32, 4.16]	0.003	1.78 [1.00, 3.17]	0.049	1.69 [0.96, 2.98]	0.070	1.52 [0.85, 2.70]	0.157
<i>Assuming that all missing viral load measures were ≥ 50 copies/mL</i>								
LMUP category (versus Planned)								
Ambivalent	1.17 [0.69, 1.98]	0.570	1.17 [0.62, 2.22]	0.628	1.19 [0.63, 2.26]	0.593	1.30 [0.68, 2.46]	0.430

Unplanned	1.58 [1.03, 2.44]	0.037	1.50 [0.87, 2.58]	0.143	1.47 [0.85, 2.53]	0.163	1.49 [0.87, 2.58]	0.150
-----------	-------------------	-------	-------------------	-------	-------------------	-------	-------------------	-------

¹ LMUP: London Measure of Unplanned Pregnancy; ² OR: odds ratio; 95% CI: 95% confidence interval; ³ aOR: adjusted odds ratio; model adjusted for age, socioeconomic status, marital status, previous antiretroviral use, log₁₀ VL at entry into antenatal care, gestation at ART initiation, months on ART at VL assessment and design effect; ⁴ Model additionally adjusted for antenatal depression, risky pre-conception alcohol use and any pre-conception intimate partner violence; ⁵ Model additionally adjusted for postpartum depression, risky postpartum alcohol use and any postpartum intimate partner violence.

Supplemental Table 2 Associations between the intendedness of the pregnancy and elevated viral load (VL) ≥ 50 copies/mL postpartum from unadjusted models, and after adjustment for (A) demographic and clinical factors; and additional adjustment for (B) baseline and (C) postpartum psychosocial factors; stratified by HIV-status disclosure to a male partner by delivery

Variable ¹	Unadjusted models		Adjusted model A		Adjusted model B		Adjusted model C	
	OR [95% CI] ²	P-value	aOR [95% CI] ³	P-value	aOR [95% CI] ⁴	P-value	aOR [95% CI] ⁵	P-value
<i>Total sample</i>								
LMUP score	0.88 [0.82, 0.95]	0.001	0.92 [0.85, 1.00]	0.054	0.93 [0.85, 1.00]	0.058	0.93 [0.85, 1.01]	0.074
<i>Did not disclose to male partner by delivery</i>								
LMUP score	0.95 [0.84, 1.06]	0.352	1.00 [0.88, 1.14]	0.990	1.00 [0.87, 1.14]	0.949	0.99 [0.86, 1.14]	0.909
<i>Disclosed to male partner by delivery</i>								
LMUP score	0.85 [0.77, 0.94]	0.001	0.89 [0.80, 0.99]	0.026	0.91 [0.82, 1.00]	0.061	0.92 [0.83, 1.02]	0.098

¹ LMUP: London Measure of Unplanned Pregnancy, with higher scores indicating greater intendedness of the pregnancy; ² OR: odds ratio; 95% CI: 95%

confidence interval; ³ aOR: adjusted odds ratio; model adjusted for age, socioeconomic status, marital status, previous antiretroviral use, log₁₀ VL at entry into

antenatal care, gestation at ART initiation, months on ART at VL assessment and design effect; ⁴ Model additionally adjusted for antenatal depression, risky pre-

conception alcohol use and any pre-conception intimate partner violence; ⁵ Model additionally adjusted for postpartum depression, risky postpartum alcohol use and any postpartum intimate partner violence.

Supplemental Figure 1 Odds ratios with 95% confidence intervals for the association between increasing intendedness of the pregnancy (one-unit increase in London Measure of Unplanned Pregnancy score) and elevated viral load ≥ 50 copies/mL postpartum, by subgroups:

