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| **Supplemental Table 1** Comparison between women included in analysis of viral load at delivery and women excluded due to insufficient duration on antiretroviral therapy |
| Variable | Total sample enrolled into follow-up – *n* (%)1 | Included in analysis | Excluded from analysis | P-value |
| Number of women | 628 | 451 | 147 |  |
| Median [IQR] age | 28.0 [24.6, 32.2] | 28.4 [24.7, 32.1] | 27.6 [24.5, 32.7] | 0.885 |
| Educational attainment Less than secondary Completed secondary/any tertiary | 462 (74)166 (26) | 336 (75)115 (26) | 105 (71)42 (29) | 0.462 |
| Currently employed | 238 (38) | 180 (40) | 48 (33) | 0.116 |
| Poverty categories Most disadvantaged Moderate disadvantage Least disadvantaged | 227 (36)208 (33)193 (31) | 154 (34)158 (35)139 (31) | 56 (38)43 (29)48 (33) | 0.424 |
| Married/cohabiting | 259 (41) | 192 (43) | 55 (37) | 0.270 |
| First pregnancy | 111 (18) | 82 (18) | 20 (14) | 0.200 |
| Pregnancy intentions Unintended Intended | 442 (70)186 (30) | 295 (65)156 (35) | 123 (84)24 (16) | <0.001 |
| Median [IQR] gestation in weeks at entry into antenatal care | 20 [16, 26] | 19 [14, 22] | 31 [27, 33] | <0.001 |
| Median [IQR] CD4 cell count | 345 [236, 517] | 339 [235, 500] | 387 [259, 583] | 0.091 |
| Timing of diagnosis Tested HIV-positive before pregnancy Tested HIV-positive during pregnancy | 276 (44)352 (56) | 215 (48)236 (52) | 49 (33)98 (67) | 0.002 |
| Disclosed to a male partner by delivery | 385 (64) | 291 (65) | 94 (64) | 0.899 |
| Disclosed to ≥1 family/community member by delivery | 430 (72) | 336 (75) | 94 (64) | 0.013 |
| 1 Includes 30 women who were lost to follow-up before delivery |

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| **Supplemental Table 2** Comparison between women included and excluded from analysis of viral load at 12 months postpartum |
| Variable | Total sample enrolled into postpartum follow-up – *n* (%) | Included in analysis | Excluded from analysis | P-value |
| Number of women | 471 | 411 | 60 |  |
| Median [IQR] age | 27.8 [24.5, 32.3] | 28.0 [24.7, 32.6] | 26.0 [23.0, 30.5] | 0.009 |
| Educational attainment Less than secondary Completed secondary/any tertiary | 354 (75)117 (25) | 310 (75)101 (25) | 44 (73)16 (27) | 0.726 |
| Currently employed | 184 (39) | 155 (38) | 29 (48) | 0.115 |
| Poverty categories Most disadvantaged Moderate disadvantage Least disadvantaged | 164 (35)158 (34)149 (32) | 143 (35)137 (33)131 (32) | 21 (35)21 (35)18 (30) | 0.950 |
| Married/cohabiting | 193 (41) | 169 (41) | 24 (40) | 0.869 |
| First pregnancy | 82 (17) | 61 (15) | 21 (35) | <0.001 |
| Pregnancy intentions Unintended Intended | 338 (72)133 (28) | 291 (71)120 (29) | 47 (78)13 (22) | 0.226 |
| Median [IQR] gestation in weeks at entry into antenatal care | 21 [16, 26] | 21 [16, 26] | 24 [19, 31] | 0.016 |
| Median [IQR] CD4 cell count | 354 [248, 517] | 346 [248, 507] | 415 [247, 539] | 0.181 |
| Timing of diagnosis Tested HIV-positive before pregnancy Tested HIV-positive during pregnancy | 198 (42)273 (58) | 183 (45)228 (55) | 15 (25)45 (75) | 0.004 |
| Disclosed to a male partner by delivery | 292 (62) | 258 (63) | 34 (57) | 0.363 |
| Disclosed to ≥1 family/community member by delivery | 332 (70) | 295 (72) | 37 (62) | 0.109 |
| Viral load at delivery <50 copies/mL ≥50 copies/mL | 355 (75)116 (25) | 312 (76)99 (24) | 43 (72)17 (28) | 0.476 |