Online Appendix 1. Weighted Risk Ratios (RRs) and 95% CIs for the effect of fertility intentionsa at enrollment on quarterly attendance at HIV clinical care visits, 2009-2011

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Unweighted |  | Weightedb |  |
|  | RR (95% CI) | RD (95% CI) | RR (95% CI) | RD (95% CI) |
| Short-term childbearing plans |  |  |  |  |
| yes | 0.99 (0.96, 1.02) | -0.01 (-0.04, 0.02) | 1.00 (0.97, 1.03) | 0.00 (-0.03, 0.03) |
| no | REF | REF | REF | REF |
|  |  |  |  |  |
| Any childbearing plans |  |  |  |  |
| yes | 0.99 (0.96, 1.02) | 0.00 (-0.04, 0.02) | 0.98 (0.94, 1.02) | -0.02 (-0.07, 0.02) |
| no | REF | REF | REF | REF |

Abbreviations. RR: risk ratio; RD: risk difference; CI: confidence interval

a Women with uncertain fertility intentions were re-classified in sensitivity analysis as follows: 1) those reporting at enrollment that they were currently trying to conceive, as well as those who answered “yes” to the question about plans to conceive in the next 12 months, were classified as having short-term plans for childbearing. Those who answered “no” or “uncertain” at enrollment to questions about current or 12-month conception plans were classified as not having short-term plans for childbearing; 2) those at enrollment who answered “yes” to any of the three questions about conception intentions (at time of interview, in the next 12 months, or someday in the future) were classified as having plans for childbearing. Those answering “no” or “uncertain” to all three fertility intentions questions were classified as not having plans for childbearing.

b Weighted effect estimates conditioned on the following covariates: age (≤30, >30 years), marital status (married/not married), time on ART (initiated ART ≤3 vs. >3 months before enrollment), partner fertility intentions (no partner, partner does not desire a/another child, partner unsure, partner desires a/another child) and any prior living children (yes/no)

Online Appendix 2. Weighted Risk Ratios (RRs) and 95% CIs for the effect of fertility intentions at enrollment on quarterly attendance at HIV clinical care visits, stratified by ART duration and CD4 counta

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  |  |  | Short-term childbearing plans | Any childbearing plans |
| Analysis Description |  | n | % | RR (95% CI) | RR (95% CI) |
| Original |  | 850 | 100 | 0.99 (0.96, 1.02) | 1.01 (0.96, 1.06) |
|  |  |  |  |  |  |
| Modification by ART durationb |  |  |  |  |  |
| Recent initiator |  | 157 | 18.5 | 1.03 (0.96, 1.11) | 1.12 (1.00, 1.26) |
| ART experienced |  | 693 | 81.5 | 0.97 (0.94, 1.01) | 1.00 (0.96, 1.03) |
|  |  |  |  |  |  |
| Modification by CD4 countc |  |  |  |  |  |
| ≤200 cells/ml |  | 405 | 47.7 | 1.01 (0.96, 1.07) | 1.01 (0.97, 1.05) |
| >200 cells/ml |  | 445 | 52.4 | 0.97 (0.94, 1.01) | 1.01 (0.96, 1.06) |

Abbreviations. RR: risk ratio; CI: confidence interval; ART: antiretroviral therapy

a ART duration and CD4 count assessed at enrollment visit

b Weighted effect estimates conditioned on the following covariates: age (≤30, >30 years), marital status (married or co-habitating/not married or co-habitating), partner fertility intentions (no partner, partner does not desire a/another child, partner unsure, partner desires a/another child) and any prior living children (yes/no)

c Weighted effect estimates conditioned on the following covariates: age (≤30, >30 years), marital status (married or co-habitating/not married or co-habitating), time on ART (initiated ART ≤3 vs. >3 months before enrollment), partner fertility intentions (no partner, partner does not desire a/another child, partner unsure, partner desires a/another child) and any prior living children (yes/no)