**Supplementary Material**

**Table S1.** Number and percentages (%) of birth defects overall and by cohort among singleton pregnancies.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Overall****24,963****N (%)** | **Madrid****665****N (%)** | **NENEXP****650****N (%)** | **ECS****9556****N (%)** |
| **Birth defects** |  |  |  |  |
| Number of infants with at least one birth defectIn pregnancies not exposed to ART at conception/1st trimesterIn pregnancies exposed to EFV at conception/1st trimesterIn pregnancies exposed to other ART at conception/1st trimester | 412 (1.6)210 (1.3)19 (1.6)183 (2.4) | 38 (5.7)11 (4.1)2 (5.7)25 (6.9) | 36 (5.5)12 (5.7)0 (0)24 (5.7) | 41 (0.4)30 (0.4)0 (0)11 (0.9) |
|  | **MoCHIV****507** | **NSHPC****13’421** | **Victor****105** | **PHPT****59** |
| **Birth defects** |  |  |  |  |
| Number of infants with at least one birth defectIn pregnancies not exposed to ART at conception/1st trimesterIn pregnancies exposed to EFV at conception/1st trimesterIn pregnancies exposed to other ART at conception/1st trimester | 23 (4.5)9 (4.3)0 (0)14 (5.3) | 270 (2.0)147 (2.0)16 (1.6)107 (2.1) | 3 (2.9)1 (2.7)1 (16.7)1 (1.6) | 1 (1.7)0 (0)0 (0)1 (2.9) |

ART: antiretroviral therapy; EFV: efavirenz