**Supplementary Table 2: WLWH Who Had Vitamin D Measured During Pregnancy (n=130) vs WLWH Who Had Vitamin D Measured from Specimens Obtained During Pregnancy (n=78).**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | n = 208 |  During pregnancy No (%) (n=130) | Obtained during pregnancy No (%) (n=78) | P-value\* |
|  |  |  |  |  |  |  |  |
| **Maternal age** |  |  |  |  |  |  |
| Mean ± SD | 208 |  33.4 ± 4.8 | 31.4 ± 5.7 | **0.01** |
| **Vitamin D levels**  |  |  |  |  | 0.25 |
| Sufficient >50 nmol/L 109 |  38 (49) |  | 71 (55) |  |  |
|  Insufficient 25-50 nmol/L 71 |  32 (41) |  | 39 (30) |  |  |
|  Deficient <25 nmol/L 28 |  8 (10) |  | 20 (15) |  |  |
| **Maternal region of birth** |  |  |  |  | **0.01** |
| Denmark | 36 |  | 15 (11) |  | 21 (27) |  |  |
| Africa | 135 |  | 94 (76) |  | 41 (53) |  |  |
| Asia | 23 |  | 12 (9) |  | 11 (14) |  |  |
| Other/unknown | 14 |  | 9 (7) |  | 5 (6) |  |  |
| **CD4 cell count prior to delivery** |  |  |  | 0.14 |
| ≥500 cells/µL  | 95  |  | 62 (48) |  | 33 (42) |  |  |
| 300 - 499 cells/µL  | 75  |  | 44 (34) |  | 31 (40) |  |  |
| <300 cells/µL  | 30  |  | 17 (13) |  | 13 (17) |  |  |
| CD4 cell count information missing | 8  |  | 7 (5) |  | 1 (1) |  |  |
| **HIV RNA viral load prior to delivery** |  |  |  | 0.33 |
| <50 copies/mL | 181 |  | 117 (90) |  | 64 (82) |  |  |
| >=50 copies/mL | 25 |  | 12 (9) |  | 13 (17) |  |  |
| HIV RNA viral load information missing | 2 |  | 1 (1) |  | 1 (1) |  |  |
| **Pre-pregnancy BMI** |  |  |  |  |  |  |
| Mean ± SD | 145 |  25.6 ± 5.4 | 23 ± 4.2 | **<0.01** |
| Pre-pregnancy BMI information missing | 63 |  | 56 (43) |  | 7 (9) |  |  |
| **Maternal smoking in pregnancy** |  |  |  |  |
| Yes | 28 |  | 13 (10) |  | 15 (19) |  | 0.07 |
| Smoking information missing | 5 |  | 5 (4) |  | 0 (0) |  |  |
| **Infant** |  |  |  |  |  |  |  |
| **Preterm Birth (<37 weeks)** |  |  |  |  |  |
| Yes | 20 |  | 11 (8) |  | 9 (12) |  | 0.42 |
| Gestational age information missing | 9 |  | 5 (4) |  | 5 (6) |  |  |
| **Birth Weight** |  |  |  |  |  |  |
|  Mean ± SD | 195 |  3245 ± 638.8 | 3081 ± 608.3 | 0.08 |
|  Birth weight information missing | 13 |  | 4 (3) |  | 9 (12) |  |  |
| \*P value <0.05 is considered significant.  |  |  |  |  |  |  |  |