**Supplemental digital content 5.** Maturation percentage on CD4+ T cells and CD8+ T cells subsets of HIV-infected patients with detectable viral load (HIV/DET), undetectable viral load (HIV/UND) and CONTROL groups.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Parameters\*** | **HIV/DET** | **HIV/UND** | **CONTROL** | **Kruskal-Wallis****(p)**† | **HIV/DET vs HIV/UND****(p)** | **HIV/DET vs CONTROL****(p)** | **HIV/UND vs CONTROL****(p)** |
| CD4+ T cells/mm3 | 292.2 (203.0 – 880.4) | 797.3 (308.7 – 1487.4) | 1012.1 (414.6 –1914.6) | **0.001** | **0.033** | **0.001** | 0.160 |
| %CCR7+CD45RA+  | 49.4(24.3 – 59.8) | 40.5(20.3 – 63.0) | 49.7(19.8 – 67.0) | 0.198 | 0.643 | >0.999 | 0.242 |
| %CCR7+CD45RA- | 24.9(15.4 – 36.1) | 18.4(10.0 – 38.2) | 26.1(4.4 – 43.3) | 0.293 | >0.999 | >0.999 | 0.354 |
| %CCR7-CD45RA-  | 25.1(15.4 – 49.3) | 29.9(15.1 – 59.2) | 24.6(10.7 – 50.8) | **0.020** | 0.583 | 0.927 | **0.016** |
| %CCR7-CD45RA+ | 1.4(0.4 – 6.3) | 1.9(0.2 – 14.2) | 1.4(0.2 – 32.9) | 0.332 | 0.997 | >0.999 | 0.434 |
| CD8+ T cells/mm3 | 918.7(402.2 – 1456.7) | 788.7(222.0 – 1760.9) | 631.1(292.1 – 1207.1) | 0.071 | >0.999 | 0.134 | 0.262 |
| %CCR7+CD45RA+ | 16.6(5.5 – 43.9) | 31.0(10.9 – 70.3) | 45.5(15.4 – 68.7) | **<0.001** | 0.079 | **<0.001** | **0.046** |
| %CCR7+CD45RA- | 1.70(0.8 – 5.8) | 2.2(0.7 – 16.2) | 3.6(0.7 – 21.9) | **0.047** | >0.999 | 0.059 | 0.381 |
| %CCR7-CD45RA-  | 59.7(17.9 – 77.8) | 44.7(19.3 – 70.2) | 29.9(6.8 – 64.1) | **0.008** | 0.184 | **0.001** | 0.170 |
| %CCR7-CD45RA+ | 21.00(8.6 – 37.0) | 19.90(4.4 – 50.5) | 15.9(0.4 – 48.1) | 0.575 | >0.999 | 0.978 | >0.999 |
| Abbreviations: Naive (CCR7+CD45RA+); Central Memory (CCR7+CD45RA-); Effector Memory (CCR7-CD45RA-); Effector (CCR7-CD45RA+)\*Median value with range in parentheses †Dunn Method |