|  |  |  |  |
| --- | --- | --- | --- |
|  | **D0***Median (25th-75th perc)* | **D3***Median (25th-75th perc)* | **Evolution of hormone concentrations’ significativity** **between D0 and D3***(Wilcoxon test)* |
|  | **Group 1** | **Group 2** | **Group 3** | **Group 1** | **Group 2** | **Group 3** | **Group 1** | **Group 2** | **Group 3** |
| **PROG** | - | - | - | 0.761(*0.564 – 0.994*)++; \*\*\* | 0.369(*0.262 – 0.556*) | 0.307(*0.197 – 0.417*) | *-* | *-* | *-* |
| **DOC** | 0.902 (*0.677 – 1.481*)  | 1.110 (*0.776 – 1.652*) | 1.464(*0.898 – 1.866*) | 0.232(*0.149 – 0.268*)\*\*\* | 0.146(*0.112 – 0.262*)\* | 0.104(*0.091 – 0.131*) | *P<0.01* | *P<0.0001* | *P<0.0001* |
| **B** | 0.857 (*0.530 – 1.424*) ++; \*\*\* | 1.577 (*0.981 – 2.665*)  | 1.769(*1.360 – 2.848*) | 7.042(*2.759 – 13.870*) | 1.951(*0.648 – 5.578*) | 1.058(*0.693 – 3.984*) | *P<0.01* | *P<0.05* | *ns* |
| **18OHB** | 0.754 (*0.367 – 1.091*)++; \*\*\*\* | 1.080(*0.705 – 1.414*)\* | 1.396(*1.036 – 2.066*) | 8.259(*3.366 – 10.766*) | 2.498(*1.761 – 3.798*) | 4.571(*2.896 – 9.829*) | *P<0.01* | *P<0.0001* | *P<0.0001* |
| **ALDO** | 0.381 (0.267 – 0.495)++; \*\*\*\* | 0.540(*0.331 – 0.669*) | 0.620(*0.367 – 0.966*) | 0.763(*0.405 – 1.259*) | 0.412(*0.191 – 0.826*) | 0.544(*0.351 – 0.865*) | *P<0.05* | *ns* | *ns* |
| **17OHP** | 13.601(*7.239 – 17.821*)\*\*\*\* | 16.057(*9.264 – 23.688*)\*\*\* | 23.701(*18.541 – 35.629*) | 3.906(*3.045 – 5.151*)\*\*\*\* | 1.418(*0.944 – 2.452*)\*\*\*\* | 0.391(*0.268 – 0.566*) | *P<0.05* | *P<0.0001* | *P<0.0001* |
| **S** | 1.849(*0.983 – 2.544*)+; \*\*\*\* | 2.347(*1.809 – 3.781*)\* | 3.460(*2.444 – 5.223*) | 2.888(*1.811 – 3.842*)\*\*\*\* | 1.753(*1.397 – 2.291*)\*\*\*\* | 0.719(*0.370 – 0.980*) | *ns* | *P<0.05* | *P<0.0001* |
| **F** | 9.7(*6.1 – 15.3*)+; \*\*\*\* | 17.2(*10.6 – 28.4*)\*\*\*\* | 38.8(*25.6 – 58.5*) | 85.9(*47.4 – 130.8*) | 31.3(*18.3 – 71.4*) | 23.9(*14.2 – 101.1*) | *P<0.05* | *P<0.01* | *ns* |
| **E** | 59.0(*19.1 – 90.5*)++; \*\*\*\* | 85.0(*60.7 – 119.2*) | 104.1(*82.9 –126.6*) | 55.7(*42.6 – 58.9*) | 40.2(*26.9 – 47.6*) | 40.8(*30.8 – 51.4*) | *ns* | *P<0.0001* | *P<0.0001* |
| **∆4** | 0.283(*0.226 – 0.486*) \*\*\*\* | 0.393(*0.251 – 0.514*)\*\* | 0.555 (*0.420 – 0.734*) | 1.202(*0.905 – 3.014*)+ ; \*\*\*\* | 0.605(*0.400 – 0.875*)\* | 0.297(*0.228 – 0.513*) | *P<0.01* | *P<0.01* | *P<0.01* |
| **DHEAS** | 638(*420 – 854*)\*\*\*\* | 610(*322 – 944*)\*\*\*\* | 1159(*844 – 1462*) | 1043(*550 – 1301*)\*\* | 479(*204 – 822*) | 195(*94 – 664*) | *ns* | *ns* | *P<0.0001* |

Kruskal-Wallis tests significativity :

* Group 1 vs 2:

+ : *P < 0.05* ; ++ *P < 0.01*; +++ *P < 0.001*; ++++ *P < 0.0001*

* Group 1 vs 3 and 2 vs 3:

\*: *P < 0.05* ; \*\*: *P < 0.01*; \*\*\*: *P < 0.001*; \*\*\*\*: *P < 0.0001*