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| **Supplementary table 5:** Correlations between endogenous hormones and physical performance tests (CMJ, SJ) for women Olympic athletes not using HC and for the total group of athletes. |
|  | **Athletes not using HC** | **Athletes total** |
| **Performance test** | SJ | CMJ | SJ | CMJ  |
| **Number** | 37 | 38 | 59 | 59 |
| **DHEA** | **rs = 0.37****p = 0.026** | **rs = 0.41****p = 0.011** | **rs =0.39****p = 0.002** | **rs = 0.36****p = 0.005** |
| **5-DIOL** | rs = 0.28p = 0.093 | **rs = 0.39****p = 0.015** | **rs = 0.34****p = 0.009** | **rs = 0.37****p = 0.004** |
| **DHT** | rs = 0.32p = 0.055 | **rs = 0.47****p = 0.003** | **rs = 0.27****p = 0.037** | **rs = 0.39****p = 0.002** |
| Correlation coefficient (r) and p-values presented. Significant data marked in bold text. 5-DIOL= 5-androstene-3β, 17β-diol, CMJ= countermovement jump, DHEA= dehydroepiandrosterone, DHT= dihydrotestosterone, HC= hormonal contraceptives, SJ= squat jump. |