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| **Supplementary table 4:** Correlations between endogenous hormones and body composition for women Olympic athletes not using HC and for the total group of athletes**.** |
|  | **Athletes not using HC (n=41)** | **Athletes total (n=65)** |
| Parameters | DHEA | 5-DIOL | DHEA | 5-DIOL |
| Lean mass total | **rs = 0.44****p = 0.004**  | **rs = 0.34****p = 0.031**  | **rs = 0.27****p = 0.03** | rs = 0.16p = 0.196 |
| Lean mass legs  | **rs = 0.49****p = 0.001**  | **rs = 0.39****p = 0.012** | **rs = 0.33****p = 0.007** | **rs = 0.25****p = 0.041** |
| Correlation coefficient (r) and p-values presented. Significant data marked in bold text. 5-DIOL = 5-androstene-3β, 17β-diol, DHEA= dehydroepiandrosterone, DHT= dihydrotestosterone, HC= hormonal contraceptives.  |