Supplementary Table 1.

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| --- | --- | --- | --- | --- |
|  | ENDURANCE | TEAM SPORTS | SPEED-POWER | Two-way ANOVA |
| Group | Examination | Group\*Examination |
| PRE | POST | PRE | POST | PRE | POST | p | η2 | p | η2 | p | η2 |
| Relative [%] |
| EPCR | 51.8±8.1†§¶ | 47.1±12.8†§ | 33.9±14.5§¶ | 34.8±17.2§¶ | 42.3±12.3§ | 44.7±10.1§ | <0.001 | 0.335 | 0.795 | 0.001 | 0.461 | 0.032 |
| ELA | 38.7±6.5†§ | 41.1±11.4†§ | 53.7±13.9§ | 56.9±16.5§ | 49.6±12.1§ | 48.5±9.7§ | <0.001 | 0.347 | 0.532 | 0.008 | 0.738 | 0.012 |
| EAER | 9.5±3.2 | 11.8±5.3\* | 11.5±4.1 | 8.3±2.7 | 8.1±2.4 | 6.9±2.2 | <0.001 | 0.243 | 0.356 | 0.018 | 0.011 | 0.171 |
| p (η2) | <0.001(0.893) | <0.001(0.637) | <0.001(0.692) | <0.001(0.683) | <0.001(0.777) | <0.001(0.849) |  |  |  |  |  |  |
| Absolute [kJ] |
| EPCR | 37.4±16.4§¶ | 30.7±11.3§ | 26.5±17§¶ | 27±17§¶ | 34±15.6§ | 36.3±10.5§ | 0.060 | 0.112 | 0.661 | 0.004 | 0.421 | 0.036 |
| ELA | 26.6±6.3†\*§ | 26.5±6.9†\*§ | 37.7±9.9§ | 38.2±8.5§ | 37.3±9.6§ | 39±9.0§ | <0.001 | 0.342 | 0.447 | 0.012 | 0.740 | 0.012 |
| EAER | 6.4±1.7 | 7.4±3.1 | 7.7±2.5 | 5.6±1.6# | 6.1±1.9 | 5.5±1.8 | 0.144 | 0.078 | 0.200 | 0.034 | 0.010 | 0.177 |
| Total EE | 70.4±19.5 | 64.7±11.5 | 72±22.6 | 70.8±19.2 | 77.3±22 | 80.8±15.7 | 0.139 | 0.080 | 0.703 | 0.003 | 0.464 | 0.032 |
| p (η2) | <0.001(0.628) | <0.001(0.696) | <0.001(0.552) | <0.001(0.613) | <0.001(0.650) | <0.001(0.793) |  |  |  |  |  |  |