**Table, Supplemental Digital Content 3**

**Mean bias ± 95% confidence interval of the between methods differences (i.e., Bland-Altman analysis) and the between methods correlation coefficients**

|  |  |  |
| --- | --- | --- |
|  | **Mean difference ±1.96SD**  **(V’O2,mL·min-1)** | **R2** |
| **Cycling incremental** |  |  |
| ∆V’E/∆V’CO2 vs∆V’E/∆HR | -13±112 | 0.99 |
| ∆V’E/∆V’CO2 vs∆RR/∆HR | 8±126 | 0.99 |
| ∆V’E/∆HRvs∆RR/∆HR | 21±88 | 0.99 |
| **Treadmill incremental (FT)** |  |  |
| ∆V’E/∆V’CO2 vs∆V’E/∆HR | -2±78 | 0.99 |
| ∆V’E/∆V’CO2 vs∆RR/∆HR | -17±9 (n=13) | 0.99 |
| ∆V’E/∆HRvs∆RR/∆HR | -19±116 (n=13) | 0.99 |
| **Treadmill incremental (ST)** |  |  |
| ∆V’E/∆V’CO2 vs∆V’E/∆HR | -2±58 | 0.99 |
| ∆V’E/∆V’CO2 vs∆RR/∆HR | -29±126 | 0.99 |
| ∆V’E/∆HRvs∆RR/∆HR | -27±134 | 0.98 |