## **Comparison of Maximal and Supramaximal Verification Tests**

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**Purpose:** To examine which VO<sub>2</sub>max verification technique—constant load vs. supra maximal is most effective. **Methods:** A repeated measures design was used in which 14 college students (M = 19.1, SD = 1.3) completed, on the Monark cycle ergometer, two maximal incremental ramp tests separated by at least 48 hours. After the second ramp test, subjects performed a 10-min active recovery followed by a maximal or a supramaximal verification test. **Results:** Paired t-test showed no significant differences between VO<sub>2</sub>max and the maximal verification phase (t(6) = -.25, p > .05), between VO<sub>2</sub>max and the supramaximal verification phase (t(6) = -.25, p > .05), between VO<sub>2</sub>max and the supramaximal verification phase (t(6) = -.69, p > .05), or between the maximal and supramaximal verification phase (t(2) = .65, p > .05). There was a strong correlation between VO<sub>2</sub>max and the maximal verification phase (r = .96) and VO<sub>2</sub>max and the supramaximal verification phase (r = .84). It was found that the Coefficient of Variation (CV) between VO<sub>2</sub>max and the maximal verification phase was 2.0%, while the CV between VO<sub>2</sub>max and the supramaximal verification phase was 4.0%. **Conclusion:** When performing a verification phase. However, given the stronger correlation and the lower, CV, a maximal verification phase may be preferred.