**Supplementary Table 24. Mixed model coefficients for session peak power for a cohort of thirty-nine resistance trained adult males and females that either habitually consumed or did not consume breakfast and participated in a randomized crossover investigation seeking to elicit the impact of breakfast consumption on afternoon resistance training performance in an isoenergetic state.**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Value** | | |
| *Predictors* | *Estimates* | *CI* | *p* |
| (Intercept) | 411.50 | 305.89 – 517.11 | **<.001** |
| Condition [BO] | 13.04 | -39.01 – 65.09 | .622 |
| Breakfast [NonConsumer] | 37.01 | -116.80 – 190.82 | .628 |
| Sex [Male] | 340.89 | 187.08 – 494.69 | **<.001** |
| Set [2] | -8.83 | -37.77 – 20.11 | .549 |
| Set [3] | -13.11 | -50.75 – 24.52 | .493 |
| Set [4] | -21.76 | -64.38 – 20.85 | .315 |
| Condition [BO] × Breakfast [NonConsumer] | -51.93 | -125.53 – 21.68 | .166 |
| Condition [BO] × Sex [Male] | -44.00 | -117.61 – 29.60 | .240 |
| Breakfast [NonConsumer] × Sex [Male] | 51.09 | -166.43 – 268.60 | .637 |
| Condition [BO] × Set [2] | -17.77 | -58.70 – 23.16 | .393 |
| Condition [BO] × Set [3] | 8.19 | -45.03 – 61.41 | .762 |
| Condition [BO] × Set [4] | -11.77 | -72.04 – 48.49 | .701 |
| Breakfast [NonConsumer] × Set [2] | 2.06 | -38.87 – 42.99 | .921 |
| Breakfast [NonConsumer] × Set [3] | -9.90 | -63.12 – 43.32 | .715 |
| Breakfast [NonConsumer] × Set [4] | -21.75 | -82.01 – 38.52 | .478 |
| Sex [Male] × Set [2] | -51.64 | -92.57 – -10.71 | **.014** |
| Sex [Male] × Set [3] | -59.07 | -112.29 – -5.85 | **.030** |
| Sex [Male] × Set [4] | -60.20 | -120.46 – 0.07 | .050 |
| (Condition [BO] × Breakfast [NonConsumer]) × Sex [Male] | 107.43 | 3.34 – 211.53 | **.043** |
| (Condition [BO] × Breakfast [NonConsumer]) × Set [2] | 12.45 | -45.44 – 70.33 | .672 |
| (Condition [BO] × Breakfast [NonConsumer]) × Set [3] | -2.19 | -77.46 – 73.07 | .954 |
| (Condition [BO] × Breakfast [NonConsumer]) × Set [4] | 28.78 | -56.45 – 114.01 | .507 |
| (Condition [BO] × Sex [Male]) × Set [2] | 28.62 | -29.26 – 86.50 | .331 |
| (Condition [BO] × Sex [Male]) × Set [3] | -15.19 | -90.45 – 60.08 | .691 |
| (Condition [BO] × Sex [Male]) × Set [4] | -22.60 | -107.83 – 62.63 | .602 |
| (Breakfast [NonConsumer] × Sex [Male]) × Set [2] | 63.34 | 5.45 – 121.22 | **.032** |
| (Breakfast [NonConsumer] × Sex [Male]) × Set [3] | 58.50 | -16.77 – 133.76 | .127 |
| (Breakfast [NonConsumer] × Sex [Male]) × Set [4] | 62.69 | -22.54 – 147.92 | .149 |
| (Condition [BO] × Breakfast [NonConsumer] × Sex [Male]) × Set [2] | -75.40 | -157.26 – 6.46 | .071 |
| (Condition [BO] × Breakfast [NonConsumer] × Sex [Male]) × Set [3] | -21.01 | -127.46 – 85.43 | .698 |
| (Condition [BO] × Breakfast [NonConsumer] × Sex [Male]) × Set [4] | -21.09 | -141.63 – 99.44 | .731 |
| **Random Effects** | | | |
| σ2 | 3492.21 | | |
| τ00 ID | 25264.61 | | |
| N ID | 40 | | |
| Observations | 320 | | |
| Marginal R2 / Conditional R2 | 0.904 / NA | | |