**Supplementary Table 32. Mixed model coefficients for bench press 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) | 201.09 | 108.06 – 294.12 | **<.001** |
| Condition [BO] | 13.59 | -23.29 – 50.48 | .469 |
| Breakfast [NonConsumer] | -13.61 | -145.78 – 118.55 | .836 |
| Sex [Male] | 194.90 | 62.74 – 327.07 | **.005** |
| Set [2] | 5.74 | -17.64 – 29.12 | .629 |
| Set [3] | 14.60 | -14.96 – 44.16 | .332 |
| Set [4] | 7.74 | -24.96 – 40.44 | .641 |
| Condition [BO] × Breakfast [NonConsumer] | -9.36 | -60.21 – 41.48 | .717 |
| Condition [BO] × Sex [Male] | -13.40 | -64.25 – 37.44 | .604 |
| Breakfast [NonConsumer] × Sex [Male] | 119.61 | -64.82 – 304.05 | .197 |
| Condition [BO] × Set [2] | -13.50 | -46.57 – 19.56 | .422 |
| Condition [BO] × Set [3] | -20.92 | -62.72 – 20.88 | .325 |
| Condition [BO] × Set [4] | -11.14 | -57.39 – 35.10 | .635 |
| Breakfast [NonConsumer] × Set [2] | 8.52 | -23.70 – 40.75 | .603 |
| Breakfast [NonConsumer] × Set [3] | -9.81 | -50.55 – 30.93 | .636 |
| Breakfast [NonConsumer] × Set [4] | -10.77 | -55.84 – 34.31 | .638 |
| Sex [Male] × Set [2] | -22.17 | -54.39 – 10.06 | .177 |
| Sex [Male] × Set [3] | -25.93 | -66.67 – 14.81 | .211 |
| Sex [Male] × Set [4] | -13.27 | -58.34 – 31.80 | .563 |
| (Condition [BO] × Breakfast [NonConsumer]) × Sex [Male] | 27.92 | -43.04 – 98.87 | .439 |
| (Condition [BO] × Breakfast [NonConsumer]) × Set [2] | 1.09 | -44.48 – 46.67 | .962 |
| (Condition [BO] × Breakfast [NonConsumer]) × Set [3] | 11.10 | -46.52 – 68.71 | .705 |
| (Condition [BO] × Breakfast [NonConsumer]) × Set [4] | 15.01 | -48.73 – 78.76 | .643 |
| (Condition [BO] × Sex [Male]) × Set [2] | 17.17 | -28.41 – 62.74 | .459 |
| (Condition [BO] × Sex [Male]) × Set [3] | 4.74 | -52.88 – 62.36 | .871 |
| (Condition [BO] × Sex [Male]) × Set [4] | -23.00 | -86.74 – 40.74 | .478 |
| (Breakfast [NonConsumer] × Sex [Male]) × Set [2] | 6.82 | -38.15 – 51.79 | .765 |
| (Breakfast [NonConsumer] × Sex [Male]) × Set [3] | 7.73 | -49.12 – 64.58 | .789 |
| (Breakfast [NonConsumer] × Sex [Male]) × Set [4] | 30.69 | -32.20 – 93.59 | .337 |
| (Condition [BO] × Breakfast [NonConsumer] × Sex [Male]) × Set [2] | -32.60 | -96.20 – 31.00 | .314 |
| (Condition [BO] × Breakfast [NonConsumer] × Sex [Male]) × Set [3] | 1.79 | -78.61 – 82.19 | .965 |
| (Condition [BO] × Breakfast [NonConsumer] × Sex [Male]) × Set [4] | 2.66 | -86.29 – 91.61 | .953 |
| **Random Effects** | | | |
| σ2 | 1578.12 | | |
| τ00 ID | 18498.53 | | |
| N ID | 39 | | |
| Observations | 312 | | |
| Marginal R2 / Conditional R2 | .915 / NA | | |