**Supplementary Table 28. Mixed model coefficients for squat 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) | 597.61 | 462.20 – 733.02 | **<.001** |
| Condition [BO] | -3.28 | -104.80 – 98.23 | .949 |
| Breakfast [NonConsumer] | -11.98 | -204.36 – 180.40 | .900 |
| Sex [Male] | 419.03 | 226.65 – 611.41 | **<.001** |
| Set [2] | -36.97 | -95.25 – 21.32 | .213 |
| Set [3] | -61.21 | -136.54 – 14.12 | .111 |
| Set [4] | -66.22 | -151.08 – 18.64 | .126 |
| Condition [BO] × Breakfast [NonConsumer] | -41.85 | -181.78 – 98.08 | .556 |
| Condition [BO] × Sex [Male] | -37.44 | -177.37 – 102.49 | .599 |
| Breakfast [NonConsumer] × Sex [Male] | 81.20 | -187.27 – 349.66 | .543 |
| Condition [BO] × Set [2] | 26.13 | -56.30 – 108.56 | .533 |
| Condition [BO] × Set [3] | 20.96 | -85.57 – 127.49 | .699 |
| Condition [BO] × Set [4] | -23.16 | -143.17 – 96.85 | .704 |
| Breakfast [NonConsumer] × Set [2] | 2.28 | -78.07 – 82.62 | .956 |
| Breakfast [NonConsumer] × Set [3] | 0.10 | -103.74 – 103.93 | .999 |
| Breakfast [NonConsumer] × Set [4] | -22.00 | -138.97 – 94.97 | .711 |
| Sex [Male] × Set [2] | -54.03 | -134.37 – 26.31 | .187 |
| Sex [Male] × Set [3] | -46.03 | -149.86 – 57.81 | .383 |
| Sex [Male] × Set [4] | -97.38 | -214.35 – 19.59 | .102 |
| (Condition [BO] × Breakfast [NonConsumer]) × Sex [Male] | 125.24 | -70.03 – 320.51 | .208 |
| (Condition [BO] × Breakfast [NonConsumer]) × Set [2] | -16.61 | -130.23 – 97.01 | .774 |
| (Condition [BO] × Breakfast [NonConsumer]) × Set [3] | 23.37 | -123.48 – 170.21 | .754 |
| (Condition [BO] × Breakfast [NonConsumer]) × Set [4] | 58.46 | -106.97 – 223.88 | .487 |
| (Condition [BO] × Sex [Male]) × Set [2] | -24.98 | -138.60 – 88.64 | .665 |
| (Condition [BO] × Sex [Male]) × Set [3] | -14.24 | -161.08 – 132.61 | .849 |
| (Condition [BO] × Sex [Male]) × Set [4] | -19.30 | -184.73 – 146.12 | .818 |
| (Breakfast [NonConsumer] × Sex [Male]) × Set [2] | 85.45 | -26.67 – 197.57 | .135 |
| (Breakfast [NonConsumer] × Sex [Male]) × Set [3] | 48.55 | -96.35 – 193.46 | .510 |
| (Breakfast [NonConsumer] × Sex [Male]) × Set [4] | 94.45 | -68.78 – 257.68 | .256 |
| (Condition [BO] × Breakfast [NonConsumer] × Sex [Male]) × Set [2] | -40.26 | -198.82 – 118.30 | .617 |
| (Condition [BO] × Breakfast [NonConsumer] × Sex [Male]) × Set [3] | -68.03 | -272.95 – 136.89 | .514 |
| (Condition [BO] × Breakfast [NonConsumer] × Sex [Male]) × Set [4] | -46.59 | -277.43 – 184.26 | .691 |
| **Random Effects** | | | |
| σ2 | 11953.19 | | |
| τ00 ID | 30584.41 | | |
| N ID | 39 | | |
| Observations | 312 | | |
| Marginal R2 / Conditional R2 | .815 / NA | | |