**Supplementary Table 27. Mixed model coefficients for squat average 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) | 302.12 | 236.09 – 368.15 | **<.001** |
| Condition [BO] | -8.48 | -54.89 – 37.93 | .719 |
| Breakfast [NonConsumer] | -27.91 | -121.72 – 65.89 | .550 |
| Sex [Male] | 269.19 | 175.38 – 363.00 | **<.001** |
| Set [2] | -18.85 | -45.50 – 7.80 | .165 |
| Set [3] | -31.77 | -66.22 – 2.67 | .070 |
| Set [4] | -44.07 | -82.87 – -5.27 | **.026** |
| Condition [BO] × Breakfast [NonConsumer] | 7.40 | -56.57 – 71.37 | .820 |
| Condition [BO] × Sex [Male] | -66.63 | -130.60 – -2.67 | **.041** |
| Breakfast [NonConsumer] × Sex [Male] | 37.59 | -93.32 – 168.49 | .564 |
| Condition [BO] × Set [2] | 1.12 | -36.57 – 38.81 | .953 |
| Condition [BO] × Set [3] | 3.41 | -45.30 – 52.12 | .890 |
| Condition [BO] × Set [4] | 5.19 | -49.68 – 60.06 | .852 |
| Breakfast [NonConsumer] × Set [2] | -1.22 | -37.95 – 35.52 | .948 |
| Breakfast [NonConsumer] × Set [3] | 3.42 | -44.06 – 50.90 | .887 |
| Breakfast [NonConsumer] × Set [4] | 6.74 | -46.74 – 60.22 | .804 |
| Sex [Male] × Set [2] | -47.01 | -83.75 – -10.27 | **.012** |
| Sex [Male] × Set [3] | -53.36 | -100.84 – -5.89 | **.028** |
| Sex [Male] × Set [4] | -66.54 | -120.03 – -13.06 | **.015** |
| (Condition [BO] × Breakfast [NonConsumer]) × Sex [Male] | 105.70 | 16.44 – 194.97 | **.020** |
| (Condition [BO] × Breakfast [NonConsumer]) × Set [2] | 3.47 | -48.48 – 55.43 | .895 |
| (Condition [BO] × Breakfast [NonConsumer]) × Set [3] | 3.68 | -63.46 – 70.83 | .914 |
| (Condition [BO] × Breakfast [NonConsumer]) × Set [4] | -7.77 | -83.41 – 67.86 | .840 |
| (Condition [BO] × Sex [Male]) × Set [2] | 38.24 | -13.71 – 90.20 | .148 |
| (Condition [BO] × Sex [Male]) × Set [3] | 36.38 | -30.77 – 103.52 | .287 |
| (Condition [BO] × Sex [Male]) × Set [4] | 15.32 | -60.31 – 90.96 | .690 |
| (Breakfast [NonConsumer] × Sex [Male]) × Set [2] | 48.26 | -3.00 – 99.53 | .065 |
| (Breakfast [NonConsumer] × Sex [Male]) × Set [3] | 34.37 | -31.89 – 100.62 | .308 |
| (Breakfast [NonConsumer] × Sex [Male]) × Set [4] | 26.04 | -48.59 – 100.67 | .493 |
| (Condition [BO] × Breakfast [NonConsumer] × Sex [Male]) × Set [2] | -81.06 | -153.56 – -8.56 | **.029** |
| (Condition [BO] × Breakfast [NonConsumer] × Sex [Male]) × Set [3] | -93.80 | -187.50 – -0.10 | **.050** |
| (Condition [BO] × Breakfast [NonConsumer] × Sex [Male]) × Set [4] | -44.15 | -149.69 – 61.40 | .411 |
| **Random Effects** | | | |
| σ2 | 2497.95 | | |
| τ00 ID | 7616.02 | | |
| N ID | 39 | | |
| Observations | 312 | | |
| Marginal R2 / Conditional R2 | .875 / NA | | |