**Supplementary Table 41. Mixed model coefficients for desire to eat 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) | 38.11 | 23.08 – 53.14 | **<.001** |
| Condition [BO] | -15.00 | -33.36 – 3.36 | .109 |
| Breakfast [NonConsumer] | -20.31 | -41.66 – 1.04 | .062 |
| Sex [Male] | -13.71 | -35.06 – 7.64 | .201 |
| Assessment [2] | -17.89 | -28.68 – -7.10 | **.001** |
| Assessment [3] | -20.78 | -34.66 – -6.90 | **.003** |
| Assessment [4] | -21.11 | -36.68 – -5.54 | **.008** |
| Condition [BO] × Breakfast [NonConsumer] | 2.60 | -22.71 – 27.91 | .840 |
| Condition [BO] × Sex [Male] | -4.30 | -29.61 – 21.01 | .738 |
| Breakfast [NonConsumer] × Sex [Male] | 26.21 | -3.58 – 56.00 | .083 |
| Condition [BO] × Assessment [2] | 17.44 | 2.19 – 32.70 | **.025** |
| Condition [BO] × Assessment [3] | 22.89 | 3.26 – 42.52 | **.022** |
| Condition [BO] × Assessment [4] | 18.00 | -4.02 – 40.02 | .109 |
| Breakfast [NonConsumer] × Assessment [2] | 8.29 | -6.58 – 23.16 | .273 |
| Breakfast [NonConsumer] × Assessment [3] | 9.28 | -9.85 – 28.41 | .340 |
| Breakfast [NonConsumer] × Assessment [4] | 14.31 | -7.15 – 35.78 | .190 |
| Sex [Male] × Assessment [2] | 20.89 | 6.02 – 35.76 | **.006** |
| Sex [Male] × Assessment [3] | 35.18 | 16.05 – 54.31 | **<.001** |
| Sex [Male] × Assessment [4] | 45.11 | 23.65 – 66.58 | **<.001** |
| (Condition [BO] × Breakfast [NonConsumer]) × Sex [Male] | 2.70 | -32.62 – 38.02 | .880 |
| (Condition [BO] × Breakfast [NonConsumer]) × Assessment [2] | -8.04 | -29.07 – 12.99 | .452 |
| (Condition [BO] × Breakfast [NonConsumer]) × Assessment [3] | -11.39 | -38.44 – 15.66 | .408 |
| (Condition [BO] × Breakfast [NonConsumer]) × Assessment [4] | -7.30 | -37.66 – 23.06 | .636 |
| (Condition [BO] × Sex [Male]) × Assessment [2] | -12.74 | -33.77 – 8.29 | .234 |
| (Condition [BO] × Sex [Male]) × Assessment [3] | -30.09 | -57.14 – -3.04 | **.029** |
| (Condition [BO] × Sex [Male]) × Assessment [4] | -30.10 | -60.46 – 0.26 | .052 |
| (Breakfast [NonConsumer] × Sex [Male]) × Assessment [2] | -13.69 | -34.44 – 7.06 | .195 |
| (Breakfast [NonConsumer] × Sex [Male]) × Assessment [3] | -18.98 | -45.67 – 7.72 | .163 |
| (Breakfast [NonConsumer] × Sex [Male]) × Assessment [4] | -30.91 | -60.87 – -0.96 | **.043** |
| (Condition [BO] × Breakfast [NonConsumer] × Sex [Male]) × Assessment [2] | 5.04 | -24.30 – 34.39 | .735 |
| (Condition [BO] × Breakfast [NonConsumer] × Sex [Male]) × Assessment [3] | 15.49 | -22.26 – 53.24 | .420 |
| (Condition [BO] × Breakfast [NonConsumer] × Sex [Male]) × Assessment [4] | 21.00 | -21.36 – 63.36 | .330 |
| **Random Effects** | | | |
| σ2 | 391.14 | | |
| τ00 ID | 132.75 | | |
| N ID | 39 | | |
| Observations | 312 | | |
| Marginal R2 / Conditional R2 | .241 / NA | | |