**APPENDIX G: STATISTICAL OUTPUTS OF ANALYSES FOR STUDY ONE**

**Between-Subjects Factors**

|  |  |  |  |
| --- | --- | --- | --- |
|  | | Value Label | N |
| group | 1 | Bulimia Nervosa | 20 |
| 2 | Binge Eating Disorder | 15 |
| 3 | Normal Weight | 20 |
| 4 | Overweight | 20 |

**Tests of Between-Subjects Effects**

Dependent Variable: Age

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Source | Type III Sum of Squares | df | Mean Square | F | Sig. |
| Corrected Model | 149.253(a) | 3 | 49.751 | 2.618 | .058 |
| Intercept | 41888.021 | 1 | 41888.021 | 2204.088 | .000 |
| group | 149.253 | 3 | 49.751 | 2.618 | .058 |
| Error | 1349.333 | 71 | 19.005 |  |  |
| Total | 43934.000 | 75 |  |  |  |
| Corrected Total | 1498.587 | 74 |  |  |  |

a R Squared = .100 (Adjusted R Squared = .062)

**Tests of Between-Subjects Effects**

Dependent Variable: Body Mass Index

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Source | Type III Sum of Squares | df | Mean Square | F | Sig. |
| Corrected Model | 959.255(a) | 3 | 319.752 | 17.472 | .000 |
| Intercept | 50230.401 | 1 | 50230.401 | 2744.658 | .000 |
| group | 959.255 | 3 | 319.752 | 17.472 | .000 |
| Error | 1299.382 | 71 | 18.301 |  |  |
| Total | 52382.045 | 75 |  |  |  |
| Corrected Total | 2258.637 | 74 |  |  |  |

a R Squared = .425 (Adjusted R Squared = .400)

**Body Mass Index**

Ryan-Einot-Gabriel-Welsch Range

|  |  |  |  |
| --- | --- | --- | --- |
| group | N | Subset | |
| 1 | 2 |
| Normal Weight | 20 | 22.0600 |  |
| Bulimia Nervosa | 20 | 22.9845 |  |
| Binge Eating Disorder | 15 |  | 29.5153 |
| Overweight | 20 |  | 29.7630 |
| Sig. |  | .747 | .984 |

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = 18.301.

a Critical values are not monotonic for these data. Substitutions have been made to ensure monotonicity. Type I error is therefore smaller.

b Alpha = .05.

**Tests of Between-Subjects Effects**

Dependent Variable: Hunger

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Source | Type III Sum of Squares | df | Mean Square | F | Sig. |
| Corrected Model | 3998.197(a) | 3 | 1332.732 | 2.040 | .116 |
| Intercept | 48758.832 | 1 | 48758.832 | 74.629 | .000 |
| group | 3998.197 | 3 | 1332.732 | 2.040 | .116 |
| Error | 46387.883 | 71 | 653.350 |  |  |
| Total | 100464.000 | 75 |  |  |  |
| Corrected Total | 50386.080 | 74 |  |  |  |

a R Squared = .079 (Adjusted R Squared = .040)

**Tests of Between-Subjects Effects**

Dependent Variable: Restraint Score

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Source | Type III Sum of Squares | df | Mean Square | F | Sig. |
| Corrected Model | 3290.353(a) | 3 | 1096.784 | 48.133 | .000 |
| Intercept | 34560.082 | 1 | 34560.082 | 1516.699 | .000 |
| group | 3290.353 | 3 | 1096.784 | 48.133 | .000 |
| Error | 1617.833 | 71 | 22.786 |  |  |
| Total | 38786.000 | 75 |  |  |  |
| Corrected Total | 4908.187 | 74 |  |  |  |

a R Squared = .670 (Adjusted R Squared = .656)

**Restraint Score**

Ryan-Einot-Gabriel-Welsch Range

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| group | N | Subset | | |
| 1 | 2 | 3 |
| Normal Weight | 20 | 12.65 |  |  |
| Overweight | 20 |  | 18.05 |  |
| Binge Eating Disorder | 15 |  |  | 27.33 |
| Bulimia Nervosa | 20 |  |  | 28.50 |
| Sig. |  | 1.000 | 1.000 | .755 |

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = 22.786.

a Critical values are not monotonic for these data. Substitutions have been made to ensure monotonicity. Type I error is therefore smaller.

b Alpha = .05.

**ANOVA**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  | Sum of Squares | df | Mean Square | F | Sig. |
| Restraint Score | Between Groups | 3290.353 | 3 | 1096.784 | 48.133 | .000 |
| Within Groups | 1617.833 | 71 | 22.786 |  |  |
| Total | 4908.187 | 74 |  |  |  |
| Concern for Dieting | Between Groups | 1236.253 | 3 | 412.084 | 34.055 | .000 |
| Within Groups | 859.133 | 71 | 12.100 |  |  |
| Total | 2095.387 | 74 |  |  |  |
| Weight Fluctuations | Between Groups | 490.047 | 3 | 163.349 | 25.167 | .000 |
| Within Groups | 460.833 | 71 | 6.491 |  |  |
| Total | 950.880 | 74 |  |  |  |

**Restraint Score**

Ryan-Einot-Gabriel-Welsch Range

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| group | N | Subset for alpha = .05 | | |
| 1 | 2 | 3 |
| Normal Weight | 20 | 12.65 |  |  |
| Overweight | 20 |  | 18.05 |  |
| Binge Eating Disorder | 15 |  |  | 27.33 |
| Bulimia Nervosa | 20 |  |  | 28.50 |
| Sig. |  | 1.000 | 1.000 | .755 |

Means for groups in homogeneous subsets are displayed.

a Critical values are not monotonic for these data. Substitutions have been made to ensure monotonicity. Type I error is therefore smaller.

**Concern for Dieting**

Ryan-Einot-Gabriel-Welsch Range

|  |  |  |  |
| --- | --- | --- | --- |
| group | N | Subset for alpha = .05 | |
| 1 | 2 |
| Normal Weight | 20 | 7.40 |  |
| Overweight | 20 | 9.60 |  |
| Binge Eating Disorder | 15 |  | 15.47 |
| Bulimia Nervosa | 20 |  | 17.10 |
| Sig. |  | .096 | .364 |

Means for groups in homogeneous subsets are displayed.

a Critical values are not monotonic for these data. Substitutions have been made to ensure monotonicity. Type I error is therefore smaller.

**Weight Fluctuations**

Ryan-Einot-Gabriel-Welsch Range

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| group | N | Subset for alpha = .05 | | |
| 1 | 2 | 3 |
| Normal Weight | 20 | 5.25 |  |  |
| Overweight | 20 |  | 8.65 |  |
| Bulimia Nervosa | 20 |  |  | 11.40 |
| Binge Eating Disorder | 15 |  |  | 11.47 |
| Sig. |  | 1.000 | 1.000 | .997 |

Means for groups in homogeneous subsets are displayed.

a Critical values are not monotonic for these data. Substitutions have been made to ensure monotonicity. Type I error is therefore smaller.

**Tests of Between-Subjects Effects**

Dependent Variable: Perfectionistic Cognitions

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Source | Type III Sum of Squares | df | Mean Square | F | Sig. |
| Corrected Model | 23556.287(a) | 3 | 7852.096 | 38.220 | .000 |
| Intercept | 636293.954 | 1 | 636293.954 | 3097.128 | .000 |
| group | 23556.287 | 3 | 7852.096 | 38.220 | .000 |
| Error | 14586.700 | 71 | 205.446 |  |  |
| Total | 673127.000 | 75 |  |  |  |
| Corrected Total | 38142.987 | 74 |  |  |  |

a R Squared = .618 (Adjusted R Squared = .601)

**Perfectionistic Cognitions**

Ryan-Einot-Gabriel-Welsch Range

|  |  |  |  |
| --- | --- | --- | --- |
| group | N | Subset | |
| 1 | 2 |
| Overweight | 20 | 71.25 |  |
| Normal Weight | 20 | 80.80 |  |
| Binge Eating Disorder | 15 |  | 105.00 |
| Bulimia Nervosa | 20 |  | 114.25 |
| Sig. |  | .076 | .156 |

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = 205.446.

a Critical values are not monotonic for these data. Substitutions have been made to ensure monotonicity. Type I error is therefore smaller.

b Alpha = .05.

**Multivariate Tests(c)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Effect |  | Value | F | Hypothesis df | Error df | Sig. |
| Intercept | Wilks' Lambda | .030 | 746.984(a) | 3.000 | 69.000 | .000 |
| group | Wilks' Lambda | .550 | 5.195 | 9.000 | 168.078 | .000 |

a Exact statistic

b The statistic is an upper bound on F that yields a lower bound on the significance level.

c Design: Intercept+group

**Tests of Between-Subjects Effects**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Source | Dependent Variable | Type III Sum of Squares | df | Mean Square | F | Sig. |
| Corrected Model | Raw Score Self Perfectionism | 11371.247(a) | 3 | 3790.416 | 14.591 | .000 |
| Raw Score Other Perfectionism | 641.837(b) | 3 | 213.946 | 1.296 | .283 |
| Raw Score Social Perfectionism | 8933.647(c) | 3 | 2977.882 | 12.706 | .000 |
| Intercept | Raw Score Self Perfectionism | 436318.851 | 1 | 436318.851 | 1679.602 | .000 |
| Raw Score Other Perfectionism | 242564.135 | 1 | 242564.135 | 1469.214 | .000 |
| Raw Score Social Perfectionism | 274556.354 | 1 | 274556.354 | 1171.435 | .000 |
| group | Raw Score Self Perfectionism | 11371.247 | 3 | 3790.416 | 14.591 | .000 |
| Raw Score Other Perfectionism | 641.837 | 3 | 213.946 | 1.296 | .283 |
| Raw Score Social Perfectionism | 8933.647 | 3 | 2977.882 | 12.706 | .000 |

a R Squared = .381 (Adjusted R Squared = .355)

b R Squared = .052 (Adjusted R Squared = .012)

c R Squared = .349 (Adjusted R Squared = .322)

**Raw Score Self Perfectionism**

Ryan-Einot-Gabriel-Welsch Range

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| group | N | Subset | | |
| 1 | 2 | 3 |
| Normal Weight | 20 | 63.60 |  |  |
| Overweight | 20 | 68.85 | 68.85 |  |
| Binge Eating Disorder | 15 |  | 80.27 |  |
| Bulimia Nervosa | 20 |  |  | 94.75 |
| Sig. |  | .519 | .110 | 1.000 |

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = 259.775.

a Critical values are not monotonic for these data. Substitutions have been made to ensure monotonicity. Type I error is therefore smaller.

b Alpha = .05.

**Raw Score Other Perfectionism**

Ryan-Einot-Gabriel-Welsch Range

|  |  |  |
| --- | --- | --- |
| group | N | Subset |
| 1 |
| Normal Weight | 20 | 53.15 |
| Overweight | 20 | 56.10 |
| Bulimia Nervosa | 20 | 58.80 |
| Binge Eating Disorder | 15 | 61.20 |
| Sig. |  | .323 |

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = 165.098.

a Alpha = .05.

**Raw Score Social Perfectionism**

Ryan-Einot-Gabriel-Welsch Range

|  |  |  |  |
| --- | --- | --- | --- |
| group | N | Subset | |
| 1 | 2 |
| Normal Weight | 20 | 49.55 |  |
| Overweight | 20 | 51.95 |  |
| Binge Eating Disorder | 15 |  | 67.00 |
| Bulimia Nervosa | 20 |  | 75.40 |
| Sig. |  | .857 | .256 |

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = 234.376.

a Critical values are not monotonic for these data. Substitutions have been made to ensure monotonicity. Type I error is therefore smaller.

b Alpha = .05.

**Multivariate Tests(c)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Effect |  | Value | F | Hypothesis df | Error df | Sig. |
| Intercept | Wilks' Lambda | .068 | 76.330(a) | 11.000 | 61.000 | .000 |
| group | Wilks' Lambda | .119 | 5.806 | 33.000 | 180.421 | .000 |

a Exact statistic

b The statistic is an upper bound on F that yields a lower bound on the significance level.

c Design: Intercept+group

**Tests of Between-Subjects Effects**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Source | Dependent Variable | Type III Sum of Squares | df | Mean Square | F | Sig. |
| Corrected Model | Drive for Thinness | 3092.350(a) | 3 | 1030.783 | 51.407 | .000 |
| Bulimia | 1698.253(b) | 3 | 566.084 | 38.948 | .000 |
| Body Dissatisfaction | 1894.620(c) | 3 | 631.540 | 10.587 | .000 |
| Ineffectiveness | 2660.447(d) | 3 | 886.816 | 23.790 | .000 |
| Perfectionism | 968.980(e) | 3 | 322.993 | 14.424 | .000 |
| Interpersonal Distrust | 722.670(f) | 3 | 240.890 | 12.340 | .000 |
| Interoceptive Awareness | 2837.413(g) | 3 | 945.804 | 36.233 | .000 |
| Maturity Fears | 510.697(h) | 3 | 170.232 | 8.632 | .000 |
| Asceticism | 918.730(i) | 3 | 306.243 | 26.383 | .000 |
| Impulse Regulation | 1387.087(j) | 3 | 462.362 | 27.070 | .000 |
| Social Insecurity | 942.437(k) | 3 | 314.146 | 18.747 | .000 |
| Intercept | Drive for Thinness | 6267.335 | 1 | 6267.335 | 312.563 | .000 |
| Bulimia | 2695.513 | 1 | 2695.513 | 185.459 | .000 |
| Body Dissatisfaction | 21719.815 | 1 | 21719.815 | 364.108 | .000 |
| Ineffectiveness | 5398.338 | 1 | 5398.338 | 144.815 | .000 |
| Perfectionism | 4845.046 | 1 | 4845.046 | 216.365 | .000 |
| Interpersonal Distrust | 1605.335 | 1 | 1605.335 | 82.233 | .000 |
| Interoceptive Awareness | 5805.621 | 1 | 5805.621 | 222.410 | .000 |
| Maturity Fears | 2012.832 | 1 | 2012.832 | 102.066 | .000 |
| Asceticism | 2919.335 | 1 | 2919.335 | 251.499 | .000 |
| Impulse Regulation | 2614.338 | 1 | 2614.338 | 153.062 | .000 |
| Social Insecurity | 3253.396 | 1 | 3253.396 | 194.151 | .000 |
| group | Drive for Thinness | 3092.350 | 3 | 1030.783 | 51.407 | .000 |
| Bulimia | 1698.253 | 3 | 566.084 | 38.948 | .000 |
| Body Dissatisfaction | 1894.620 | 3 | 631.540 | 10.587 | .000 |
| Ineffectiveness | 2660.447 | 3 | 886.816 | 23.790 | .000 |
| Perfectionism | 968.980 | 3 | 322.993 | 14.424 | .000 |
| Interpersonal Distrust | 722.670 | 3 | 240.890 | 12.340 | .000 |
| Interoceptive Awareness | 2837.413 | 3 | 945.804 | 36.233 | .000 |
| Maturity Fears | 510.697 | 3 | 170.232 | 8.632 | .000 |
| Asceticism | 918.730 | 3 | 306.243 | 26.383 | .000 |
| Impulse Regulation | 1387.087 | 3 | 462.362 | 27.070 | .000 |
| Social Insecurity | 942.437 | 3 | 314.146 | 18.747 | .000 |

a R Squared = .685 (Adjusted R Squared = .671)

b R Squared = .622 (Adjusted R Squared = .606)

c R Squared = .309 (Adjusted R Squared = .280)

d R Squared = .501 (Adjusted R Squared = .480)

e R Squared = .379 (Adjusted R Squared = .352)

f R Squared = .343 (Adjusted R Squared = .315)

g R Squared = .605 (Adjusted R Squared = .588)

h R Squared = .267 (Adjusted R Squared = .236)

i R Squared = .527 (Adjusted R Squared = .507)

j R Squared = .534 (Adjusted R Squared = .514)

k R Squared = .442 (Adjusted R Squared = .418)

**Drive for Thinness**

Ryan-Einot-Gabriel-Welsch Range

|  |  |  |  |
| --- | --- | --- | --- |
| group | N | Subset | |
| 1 | 2 |
| Normal Weight | 20 | 2.45 |  |
| Overweight | 20 | 3.15 |  |
| Binge Eating Disorder | 15 |  | 15.40 |
| Bulimia Nervosa | 20 |  | 15.85 |
| Sig. |  | .858 | .953 |

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = 20.051.

a Critical values are not monotonic for these data. Substitutions have been made to ensure monotonicity. Type I error is therefore smaller.

b Alpha = .05.

**Bulimia**

Ryan-Einot-Gabriel-Welsch Range

|  |  |  |  |
| --- | --- | --- | --- |
| group | N | Subset | |
| 1 | 2 |
| Normal Weight | 20 | 1.30 |  |
| Overweight | 20 | 1.30 |  |
| Binge Eating Disorder | 15 |  | 10.47 |
| Bulimia Nervosa | 20 |  | 11.10 |
| Sig. |  | 1.000 | .878 |

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = 14.534.

a Critical values are not monotonic for these data. Substitutions have been made to ensure monotonicity. Type I error is therefore smaller.

b Alpha = .05.

**Body Dissatisfaction**

Ryan-Einot-Gabriel-Welsch Range

|  |  |  |  |
| --- | --- | --- | --- |
| group | N | Subset | |
| 1 | 2 |
| Normal Weight | 20 | 8.65 |  |
| Overweight | 20 |  | 18.85 |
| Bulimia Nervosa | 20 |  | 19.90 |
| Binge Eating Disorder | 15 |  | 21.20 |
| Sig. |  | 1.000 | .684 |

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = 59.652.

a Critical values are not monotonic for these data. Substitutions have been made to ensure monotonicity. Type I error is therefore smaller.

b Alpha = .05.

**Ineffectiveness**

Ryan-Einot-Gabriel-Welsch Range

|  |  |  |  |
| --- | --- | --- | --- |
| group | N | Subset | |
| 1 | 2 |
| Overweight | 20 | 2.25 |  |
| Normal Weight | 20 | 3.15 |  |
| Binge Eating Disorder | 15 |  | 13.40 |
| Bulimia Nervosa | 20 |  | 15.40 |
| Sig. |  | .872 | .606 |

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = 37.277.

a Critical values are not monotonic for these data. Substitutions have been made to ensure monotonicity. Type I error is therefore smaller.

b Alpha = .05.

**Perfectionism**

Ryan-Einot-Gabriel-Welsch Range

|  |  |  |  |
| --- | --- | --- | --- |
| group | N | Subset | |
| 1 | 2 |
| Overweight | 20 | 4.65 |  |
| Normal Weight | 20 | 4.75 |  |
| Binge Eating Disorder | 15 |  | 10.20 |
| Bulimia Nervosa | 20 |  | 12.80 |
| Sig. |  | .997 | .255 |

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = 22.393.

a Critical values are not monotonic for these data. Substitutions have been made to ensure monotonicity. Type I error is therefore smaller.

b Alpha = .05.

**Interpersonal Distrust**

Ryan-Einot-Gabriel-Welsch Range

|  |  |  |  |
| --- | --- | --- | --- |
| group | N | Subset | |
| 1 | 2 |
| Overweight | 20 | 1.15 |  |
| Normal Weight | 20 | 2.05 |  |
| Binge Eating Disorder | 15 |  | 7.40 |
| Bulimia Nervosa | 20 |  | 8.05 |
| Sig. |  | .771 | .903 |

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = 19.522.

a Critical values are not monotonic for these data. Substitutions have been made to ensure monotonicity. Type I error is therefore smaller.

b Alpha = .05.

**Interoceptive Awareness**

Ryan-Einot-Gabriel-Welsch Range

|  |  |  |  |
| --- | --- | --- | --- |
| group | N | Subset | |
| 1 | 2 |
| Overweight | 20 | 2.60 |  |
| Normal Weight | 20 | 2.90 |  |
| Binge Eating Disorder | 15 |  | 14.47 |
| Bulimia Nervosa | 20 |  | 15.50 |
| Sig. |  | .978 | .825 |

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = 26.103.

a Critical values are not monotonic for these data. Substitutions have been made to ensure monotonicity. Type I error is therefore smaller.

b Alpha = .05.

**Maturity Fears**

Ryan-Einot-Gabriel-Welsch Range

|  |  |  |  |
| --- | --- | --- | --- |
| group | N | Subset | |
| 1 | 2 |
| Normal Weight | 20 | 2.55 |  |
| Overweight | 20 | 2.65 |  |
| Bulimia Nervosa | 20 |  | 7.75 |
| Binge Eating Disorder | 15 |  | 7.93 |
| Sig. |  | .997 | .992 |

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = 19.721.

a Critical values are not monotonic for these data. Substitutions have been made to ensure monotonicity. Type I error is therefore smaller.

b Alpha = .05.

**Asceticism**

Ryan-Einot-Gabriel-Welsch Range

|  |  |  |  |
| --- | --- | --- | --- |
| group | N | Subset | |
| 1 | 2 |
| Overweight | 20 | 1.95 |  |
| Normal Weight | 20 | 3.70 |  |
| Bulimia Nervosa | 20 |  | 9.50 |
| Binge Eating Disorder | 15 |  | 10.00 |
| Sig. |  | .206 | .903 |

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = 11.608.

a Critical values are not monotonic for these data. Substitutions have been made to ensure monotonicity. Type I error is therefore smaller.

b Alpha = .05.

**Impulse Regulation**

Ryan-Einot-Gabriel-Welsch Range

|  |  |  |  |
| --- | --- | --- | --- |
| group | N | Subset | |
| 1 | 2 |
| Overweight | 20 | 1.25 |  |
| Normal Weight | 20 | 2.00 |  |
| Bulimia Nervosa | 20 |  | 9.55 |
| Binge Eating Disorder | 15 |  | 11.00 |
| Sig. |  | .813 | .564 |

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = 17.080.

a Critical values are not monotonic for these data. Substitutions have been made to ensure monotonicity. Type I error is therefore smaller.

b Alpha = .05.

**Social Insecurity**

Ryan-Einot-Gabriel-Welsch Range

|  |  |  |  |
| --- | --- | --- | --- |
| group | N | Subset | |
| 1 | 2 |
| Overweight | 20 | 3.00 |  |
| Normal Weight | 20 | 3.20 |  |
| Binge Eating Disorder | 15 |  | 10.00 |
| Bulimia Nervosa | 20 |  | 10.35 |
| Sig. |  | .985 | .966 |

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = 16.757.

a Critical values are not monotonic for these data. Substitutions have been made to ensure monotonicity. Type I error is therefore smaller.

b Alpha = .05.

**Multivariate Tests(c)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Effect |  | Value | F | Hypothesis df | Error df | Sig. |
| Intercept | Wilks' Lambda | .072 | 217.618(a) | 4.000 | 68.000 | .000 |
| group | Wilks' Lambda | .186 | 13.320 | 12.000 | 180.203 | .000 |

a Exact statistic

b The statistic is an upper bound on F that yields a lower bound on the significance level.

c Design: Intercept+group

**Tests of Between-Subjects Effects**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Source | Dependent Variable | Type III Sum of Squares | df | Mean Square | F | Sig. |
| Corrected Model | EDE-Q Restraint | 115.748(a) | 3 | 38.583 | 25.023 | .000 |
| EDE-Q Eating Concern | 149.629(b) | 3 | 49.876 | 36.056 | .000 |
| EDE-Q Shape Concern | 91.308(c) | 3 | 30.436 | 20.932 | .000 |
| EDE-Q Weight Concern | 133.093(d) | 3 | 44.364 | 23.099 | .000 |
| Intercept | EDE-Q Restraint | 534.375 | 1 | 534.375 | 346.571 | .000 |
| EDE-Q Eating Concern | 384.879 | 1 | 384.879 | 278.233 | .000 |
| EDE-Q Shape Concern | 1123.680 | 1 | 1123.680 | 772.817 | .000 |
| EDE-Q Weight Concern | 1051.866 | 1 | 1051.866 | 547.667 | .000 |
| group | EDE-Q Restraint | 115.748 | 3 | 38.583 | 25.023 | .000 |
| EDE-Q Eating Concern | 149.629 | 3 | 49.876 | 36.056 | .000 |
| EDE-Q Shape Concern | 91.308 | 3 | 30.436 | 20.932 | .000 |
| EDE-Q Weight Concern | 133.093 | 3 | 44.364 | 23.099 | .000 |

a R Squared = .514 (Adjusted R Squared = .493)

b R Squared = .604 (Adjusted R Squared = .587)

c R Squared = .469 (Adjusted R Squared = .447)

d R Squared = .494 (Adjusted R Squared = .473)

**EDE-Q Restraint**

Ryan-Einot-Gabriel-Welsch Range

|  |  |  |  |
| --- | --- | --- | --- |
| group | N | Subset | |
| 1 | 2 |
| Normal Weight | 20 | 1.4435 |  |
| Overweight | 20 | 1.6000 |  |
| Binge Eating Disorder | 15 |  | 3.3867 |
| Bulimia Nervosa | 20 |  | 4.3300 |
| Sig. |  | .905 | .080 |

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = 1.542.

a Critical values are not monotonic for these data. Substitutions have been made to ensure monotonicity. Type I error is therefore smaller.

b Alpha = .05.

**EDE-Q Eating Concern**

Ryan-Einot-Gabriel-Welsch Range

|  |  |  |  |
| --- | --- | --- | --- |
| group | N | Subset | |
| 1 | 2 |
| Normal Weight | 20 | .5750 |  |
| Overweight | 20 | 1.2125 |  |
| Binge Eating Disorder | 15 |  | 3.5893 |
| Bulimia Nervosa | 20 |  | 3.7550 |
| Sig. |  | .174 | .910 |

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = 1.383.

a Critical values are not monotonic for these data. Substitutions have been made to ensure monotonicity. Type I error is therefore smaller.

b Alpha = .05.

**EDE-Q Shape Concern**

Ryan-Einot-Gabriel-Welsch Range

|  |  |  |  |
| --- | --- | --- | --- |
| group | N | Subset | |
| 1 | 2 |
| Normal Weight | 20 | 2.0560 |  |
| Overweight | 20 |  | 4.2320 |
| Binge Eating Disorder | 15 |  | 4.5553 |
| Bulimia Nervosa | 20 |  | 4.7600 |
| Sig. |  | 1.000 | .354 |

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = 1.454.

a Critical values are not monotonic for these data. Substitutions have been made to ensure monotonicity. Type I error is therefore smaller.

b Alpha = .05.

**EDE-Q Weight Concern**

Ryan-Einot-Gabriel-Welsch Range

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| group | N | Subset | | |
| 1 | 2 | 3 |
| Normal Weight | 20 | 1.8675 |  |  |
| Overweight | 20 |  | 3.2110 |  |
| Binge Eating Disorder | 15 |  |  | 4.9340 |
| Bulimia Nervosa | 20 |  |  | 5.0840 |
| Sig. |  | 1.000 | 1.000 | .946 |

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = 1.921.

a Critical values are not monotonic for these data. Substitutions have been made to ensure monotonicity. Type I error is therefore smaller.

b Alpha = .05.

**Multivariate Tests(c)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Effect |  | Value | F | Hypothesis df | Error df | Sig. |
| Intercept | Wilks' Lambda | .054 | 162.197(a) | 7.000 | 65.000 | .000 |
| group | Wilks' Lambda | .010 | 35.957 | 21.000 | 187.195 | .000 |

a Exact statistic

b The statistic is an upper bound on F that yields a lower bound on the significance level.

c Design: Intercept+group

**Tests of Between-Subjects Effects**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Source | Dependent Variable | Type III Sum of Squares | df | Mean Square | F | Sig. |
| Corrected Model | Number of Binge Episodes | 9024.847(a) | 3 | 3008.282 | 159.979 | .000 |
| Loss of Control Episodes when Bingeing | 8188.320(b) | 3 | 2729.440 | 146.544 | .000 |
| Number of Overeating Episodes | 1395.213(c) | 3 | 465.071 | 4.960 | .003 |
| Number of Vomiting Episodes | 3944.747(d) | 3 | 1314.916 | 37.633 | .000 |
| Number of Laxative Episodes | 678.187(e) | 3 | 226.062 | 13.520 | .000 |
| Number of Diuretics Episodes | 10.597(f) | 3 | 3.532 | 1.864 | .144 |
| Number of Exercise Episodes | 2178.330(g) | 3 | 726.110 | 8.361 | .000 |
| Intercept | Number of Binge Episodes | 8935.385 | 1 | 8935.385 | 475.180 | .000 |
| Loss of Control Episodes when Bingeing | 8064.185 | 1 | 8064.185 | 432.968 | .000 |
| Number of Overeating Episodes | 1523.205 | 1 | 1523.205 | 16.246 | .000 |
| Number of Vomiting Episodes | 1241.354 | 1 | 1241.354 | 35.527 | .000 |
| Number of Laxative Episodes | 213.415 | 1 | 213.415 | 12.763 | .001 |
| Number of Diuretics Episodes | 3.335 | 1 | 3.335 | 1.760 | .189 |
| Number of Exercise Episodes | 2223.704 | 1 | 2223.704 | 25.605 | .000 |
| group | Number of Binge Episodes | 9024.847 | 3 | 3008.282 | 159.979 | .000 |
| Loss of Control Episodes when Bingeing | 8188.320 | 3 | 2729.440 | 146.544 | .000 |
| Number of Overeating Episodes | 1395.213 | 3 | 465.071 | 4.960 | .003 |
| Number of Vomiting Episodes | 3944.747 | 3 | 1314.916 | 37.633 | .000 |
| Number of Laxative Episodes | 678.187 | 3 | 226.062 | 13.520 | .000 |
| Number of Diuretics Episodes | 10.597 | 3 | 3.532 | 1.864 | .144 |
| Number of Exercise Episodes | 2178.330 | 3 | 726.110 | 8.361 | .000 |

a R Squared = .871 (Adjusted R Squared = .866)

b R Squared = .861 (Adjusted R Squared = .855)

c R Squared = .173 (Adjusted R Squared = .138)

d R Squared = .614 (Adjusted R Squared = .598)

e R Squared = .364 (Adjusted R Squared = .337)

f R Squared = .073 (Adjusted R Squared = .034)

g R Squared = .261 (Adjusted R Squared = .230)

**Number of Binge Episodes**

Ryan-Einot-Gabriel-Welsch Range

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| group | N | Subset | | |
| 1 | 2 | 3 |
| Overweight | 20 | .00 |  |  |
| Normal Weight | 20 | .05 |  |  |
| Bulimia Nervosa | 20 |  | 18.35 |  |
| Binge Eating Disorder | 15 |  |  | 25.60 |
| Sig. |  | .999 | 1.000 | 1.000 |

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = 18.804.

a Critical values are not monotonic for these data. Substitutions have been made to ensure monotonicity. Type I error is therefore smaller.

b Alpha = .05.

**Loss of Control Episodes when Bingeing**

Ryan-Einot-Gabriel-Welsch Range

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| group | N | Subset | | |
| 1 | 2 | 3 |
| Normal Weight | 20 | .00 |  |  |
| Overweight | 20 | .00 |  |  |
| Bulimia Nervosa | 20 |  | 17.40 |  |
| Binge Eating Disorder | 15 |  |  | 24.40 |
| Sig. |  | 1.000 | 1.000 | 1.000 |

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = 18.625.

a Critical values are not monotonic for these data. Substitutions have been made to ensure monotonicity. Type I error is therefore smaller.

b Alpha = .05.

**Number of Overeating Episodes**

Ryan-Einot-Gabriel-Welsch Range

|  |  |  |  |
| --- | --- | --- | --- |
| group | N | Subset | |
| 1 | 2 |
| Overweight | 20 | .10 |  |
| Normal Weight | 20 | .50 |  |
| Binge Eating Disorder | 15 | 8.07 | 8.07 |
| Bulimia Nervosa | 20 |  | 9.50 |
| Sig. |  | .069 | .902 |

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = 93.757.

a Alpha = .05.

**Number of Vomiting Episodes**

Ryan-Einot-Gabriel-Welsch Range

|  |  |  |  |
| --- | --- | --- | --- |
| group | N | Subset | |
| 1 | 2 |
| Binge Eating Disorder | 15 | .00 |  |
| Normal Weight | 20 | .00 |  |
| Overweight | 20 | .00 |  |
| Bulimia Nervosa | 20 |  | 16.40 |
| Sig. |  | 1.000 | 1.000 |

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = 34.941.

a Alpha = .05.

**Number of Laxative Episodes**

Ryan-Einot-Gabriel-Welsch Range

|  |  |  |  |
| --- | --- | --- | --- |
| group | N | Subset | |
| 1 | 2 |
| Binge Eating Disorder | 15 | .00 |  |
| Normal Weight | 20 | .00 |  |
| Overweight | 20 | .00 |  |
| Bulimia Nervosa | 20 |  | 6.80 |
| Sig. |  | 1.000 | 1.000 |

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = 16.721.

a Alpha = .05.

**Number of Diuretics Episodes**

Ryan-Einot-Gabriel-Welsch Range

|  |  |  |
| --- | --- | --- |
| group | N | Subset |
| 1 |
| Binge Eating Disorder | 15 | .00 |
| Normal Weight | 20 | .00 |
| Overweight | 20 | .00 |
| Bulimia Nervosa | 20 | .85 |
| Sig. |  | .216 |

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = 1.895.

a Alpha = .05.

**Number of Exercise Episodes**

Ryan-Einot-Gabriel-Welsch Range

|  |  |  |  |
| --- | --- | --- | --- |
| group | N | Subset | |
| 1 | 2 |
| Overweight | 20 | 1.10 |  |
| Normal Weight | 20 | 2.15 |  |
| Binge Eating Disorder | 15 | 4.40 |  |
| Bulimia Nervosa | 20 |  | 14.30 |
| Sig. |  | .598 | 1.000 |

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = 86.847.

a Alpha = .05.

**Mood Intolerance**

**Multivariate Tests(c)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Effect |  | Value | F | Hypothesis df | Error df | Sig. |
| Intercept | Wilks' Lambda | .048 | 123.767(a) | 10.000 | 62.000 | .000 |
| group | Wilks' Lambda | .195 | 4.538 | 30.000 | 182.658 | .000 |

a Exact statistic

b The statistic is an upper bound on F that yields a lower bound on the significance level.

c Design: Intercept+group

**Tests of Between-Subjects Effects**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Source | Dependent Variable | Type III Sum of Squares | df | Mean Square | F | Sig. |
| Corrected Model | Mood Question 1 | 16056.297(a) | 3 | 5352.099 | 8.338 | .000 |
| Mood Question 2 (reversed) | 20238.517(b) | 3 | 6746.172 | 18.552 | .000 |
| Mood Question 3 | 10344.003(c) | 3 | 3448.001 | 5.738 | .001 |
| Mood Question 4 | 25686.513(d) | 3 | 8562.171 | 15.388 | .000 |
| Mood Question 5 (reversed) | 33771.103(e) | 3 | 11257.034 | 33.957 | .000 |
| Mood Question 6 | 17782.687(f) | 3 | 5927.562 | 11.481 | .000 |
| Mood Question 7 | 9803.703(g) | 3 | 3267.901 | 6.356 | .001 |
| Mood Question 8 (reversed) | 17620.663(h) | 3 | 5873.554 | 12.212 | .000 |
| Mood Question 9 | 18403.570(i) | 3 | 6134.523 | 9.617 | .000 |
| Mood Question 10 | 25781.897(j) | 3 | 8593.966 | 19.147 | .000 |
| Intercept | Mood Question 1 | 188046.565 | 1 | 188046.565 | 292.964 | .000 |
| Mood Question 2 (reversed) | 260446.165 | 1 | 260446.165 | 716.228 | .000 |
| Mood Question 3 | 264040.001 | 1 | 264040.001 | 439.405 | .000 |
| Mood Question 4 | 124994.713 | 1 | 124994.713 | 224.641 | .000 |
| Mood Question 5 (reversed) | 188108.678 | 1 | 188108.678 | 567.433 | .000 |
| Mood Question 6 | 231168.185 | 1 | 231168.185 | 447.742 | .000 |
| Mood Question 7 | 229278.371 | 1 | 229278.371 | 445.944 | .000 |
| Mood Question 8 (reversed) | 285507.601 | 1 | 285507.601 | 593.608 | .000 |
| Mood Question 9 | 191791.488 | 1 | 191791.488 | 300.672 | .000 |
| Mood Question 10 | 168344.463 | 1 | 168344.463 | 375.059 | .000 |
| group | Mood Question 1 | 16056.297 | 3 | 5352.099 | 8.338 | .000 |
| Mood Question 2 (reversed) | 20238.517 | 3 | 6746.172 | 18.552 | .000 |
| Mood Question 3 | 10344.003 | 3 | 3448.001 | 5.738 | .001 |
| Mood Question 4 | 25686.513 | 3 | 8562.171 | 15.388 | .000 |
| Mood Question 5 (reversed) | 33771.103 | 3 | 11257.034 | 33.957 | .000 |
| Mood Question 6 | 17782.687 | 3 | 5927.562 | 11.481 | .000 |
| Mood Question 7 | 9803.703 | 3 | 3267.901 | 6.356 | .001 |
| Mood Question 8 (reversed) | 17620.663 | 3 | 5873.554 | 12.212 | .000 |
| Mood Question 9 | 18403.570 | 3 | 6134.523 | 9.617 | .000 |
| Mood Question 10 | 25781.897 | 3 | 8593.966 | 19.147 | .000 |

a R Squared = .261 (Adjusted R Squared = .229)

b R Squared = .439 (Adjusted R Squared = .416)

c R Squared = .195 (Adjusted R Squared = .161)

d R Squared = .394 (Adjusted R Squared = .368)

e R Squared = .589 (Adjusted R Squared = .572)

f R Squared = .327 (Adjusted R Squared = .298)

g R Squared = .212 (Adjusted R Squared = .178)

h R Squared = .340 (Adjusted R Squared = .312)

i R Squared = .289 (Adjusted R Squared = .259)

j R Squared = .447 (Adjusted R Squared = .424)

**Mood Question 1**

Ryan-Einot-Gabriel-Welsch Range

|  |  |  |  |
| --- | --- | --- | --- |
| group | N | Subset | |
| 1 | 2 |
| Normal Weight | 20 | 36.15 |  |
| Overweight | 20 | 36.15 |  |
| Binge Eating Disorder | 15 |  | 61.80 |
| Bulimia Nervosa | 20 |  | 67.75 |
| Sig. |  | 1.000 | .772 |

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = 641.877.

a Critical values are not monotonic for these data. Substitutions have been made to ensure monotonicity. Type I error is therefore smaller.

b Alpha = .05.

**Mood Question 2 (reversed)**

Ryan-Einot-Gabriel-Welsch Range

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| group | N | Subset | | |
| 1 | 2 | 3 |
| Normal Weight | 20 | 40.70 |  |  |
| Overweight | 20 | 49.75 | 49.75 |  |
| Binge Eating Disorder | 15 |  | 64.20 |  |
| Bulimia Nervosa | 20 |  |  | 82.90 |
| Sig. |  | .257 | .081 | 1.000 |

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = 363.636.

a Critical values are not monotonic for these data. Substitutions have been made to ensure monotonicity. Type I error is therefore smaller.

b Alpha = .05.

**Mood Question 3**

Ryan-Einot-Gabriel-Welsch Range

|  |  |  |  |
| --- | --- | --- | --- |
| group | N | Subset | |
| 1 | 2 |
| Normal Weight | 20 | 45.45 |  |
| Overweight | 20 | 56.15 |  |
| Binge Eating Disorder | 15 | 60.53 | 60.53 |
| Bulimia Nervosa | 20 |  | 77.05 |
| Sig. |  | .218 | .134 |

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = 600.904.

a Alpha = .05.

**Mood Question 4**

Ryan-Einot-Gabriel-Welsch Range

|  |  |  |  |
| --- | --- | --- | --- |
| group | N | Subset | |
| 1 | 2 |
| Overweight | 20 | 20.25 |  |
| Normal Weight | 20 | 25.10 |  |
| Bulimia Nervosa | 20 |  | 59.55 |
| Binge Eating Disorder | 15 |  | 59.67 |
| Sig. |  | .767 | 1.000 |

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = 556.420.

a Critical values are not monotonic for these data. Substitutions have been made to ensure monotonicity. Type I error is therefore smaller.

b Alpha = .05.

**Mood Question 5 (reversed)**

Ryan-Einot-Gabriel-Welsch Range

|  |  |  |  |
| --- | --- | --- | --- |
| group | N | Subset | |
| 1 | 2 |
| Normal Weight | 20 | 25.95 |  |
| Overweight | 20 | 34.00 |  |
| Binge Eating Disorder | 15 |  | 66.33 |
| Bulimia Nervosa | 20 |  | 75.60 |
| Sig. |  | .305 | .307 |

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = 331.508.

a Critical values are not monotonic for these data. Substitutions have been made to ensure monotonicity. Type I error is therefore smaller.

b Alpha = .05.

**Mood Question 6**

Ryan-Einot-Gabriel-Welsch Range

|  |  |  |  |
| --- | --- | --- | --- |
| group | N | Subset | |
| 1 | 2 |
| Normal Weight | 20 | 35.40 |  |
| Overweight | 20 | 46.75 |  |
| Bulimia Nervosa | 20 |  | 70.65 |
| Binge Eating Disorder | 15 |  | 71.00 |
| Sig. |  | .223 | .999 |

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = 516.297.

a Critical values are not monotonic for these data. Substitutions have been made to ensure monotonicity. Type I error is therefore smaller.

b Alpha = .05.

**Mood Question 7**

Ryan-Einot-Gabriel-Welsch Range

|  |  |  |  |
| --- | --- | --- | --- |
| group | N | Subset | |
| 1 | 2 |
| Normal Weight | 20 | 43.20 |  |
| Overweight | 20 | 47.50 |  |
| Binge Eating Disorder | 15 | 60.73 | 60.73 |
| Bulimia Nervosa | 20 |  | 71.45 |
| Sig. |  | .093 | .360 |

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = 514.142.

a Alpha = .05.

**Mood Question 8 (reversed)**

Ryan-Einot-Gabriel-Welsch Range

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| group | N | Subset | | |
| 1 | 2 | 3 |
| Normal Weight | 20 | 42.20 |  |  |
| Overweight | 20 | 54.55 | 54.55 |  |
| Binge Eating Disorder | 15 |  | 70.47 | 70.47 |
| Bulimia Nervosa | 20 |  |  | 81.50 |
| Sig. |  | .152 | .099 | .315 |

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = 480.970.

a Critical values are not monotonic for these data. Substitutions have been made to ensure monotonicity. Type I error is therefore smaller.

b Alpha = .05.

**Mood Question 9**

Ryan-Einot-Gabriel-Welsch Range

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| group | N | Subset | | |
| 1 | 2 | 3 |
| Normal Weight | 20 | 31.10 |  |  |
| Overweight | 20 | 43.00 | 43.00 |  |
| Binge Eating Disorder | 15 |  | 58.20 | 58.20 |
| Bulimia Nervosa | 20 |  |  | 71.55 |
| Sig. |  | .262 | .197 | .281 |

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = 637.875.

a Critical values are not monotonic for these data. Substitutions have been made to ensure monotonicity. Type I error is therefore smaller.

b Alpha = .05.

**Mood Question 10**

Ryan-Einot-Gabriel-Welsch Range

|  |  |  |  |
| --- | --- | --- | --- |
| group | N | Subset | |
| 1 | 2 |
| Normal Weight | 20 | 28.35 |  |
| Overweight | 20 | 33.05 |  |
| Binge Eating Disorder | 15 |  | 56.53 |
| Bulimia Nervosa | 20 |  | 73.05 |
| Sig. |  | .735 | .071 |

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = 448.848.

a Critical values are not monotonic for these data. Substitutions have been made to ensure monotonicity. Type I error is therefore smaller.

b Alpha = .05.

**Reliability Statistics for Mood Questionnaire**

|  |  |  |
| --- | --- | --- |
| Cronbach's Alpha | Cronbach's Alpha Based on Standardized Items | N of Items |
| .932 | .932 | 10 |

**Inter-Item Correlation Matrix**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Mood Question 1 | Mood Question 2 (reversed) | Mood Question 3 | Mood Question 4 | Mood Question 5 (reversed) | Mood Question 6 | Mood Question 7 | Mood Question 8 (reversed) | Mood Question 9 | Mood Question 10 |
| Mood Question 1 | 1.000 | .483 | .545 | .509 | .539 | .491 | .308 | .435 | .489 | .582 |
| Mood Question 2 (reversed) | .483 | 1.000 | .609 | .572 | .596 | .625 | .615 | .562 | .432 | .559 |
| Mood Question 3 | .545 | .609 | 1.000 | .590 | .425 | .663 | .447 | .562 | .698 | .666 |
| Mood Question 4 | .509 | .572 | .590 | 1.000 | .732 | .677 | .532 | .573 | .684 | .736 |
| Mood Question 5 (reversed) | .539 | .596 | .425 | .732 | 1.000 | .651 | .477 | .584 | .588 | .672 |
| Mood Question 6 | .491 | .625 | .663 | .677 | .651 | 1.000 | .658 | .506 | .629 | .693 |
| Mood Question 7 | .308 | .615 | .447 | .532 | .477 | .658 | 1.000 | .549 | .439 | .505 |
| Mood Question 8 (reversed) | .435 | .562 | .562 | .573 | .584 | .506 | .549 | 1.000 | .680 | .653 |
| Mood Question 9 | .489 | .432 | .698 | .684 | .588 | .629 | .439 | .680 | 1.000 | .764 |
| Mood Question 10 | .582 | .559 | .666 | .736 | .672 | .693 | .505 | .653 | .764 | 1.000 |

**Item-Total Statistics**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Scale Mean if Item Deleted | Scale Variance if Item Deleted | Corrected Item-Total Correlation | Squared Multiple Correlation | Cronbach's Alpha if Item Deleted |
| Mood Question 1 | 477.73 | 38897.090 | .608 | .438 | .931 |
| Mood Question 2 (reversed) | 468.37 | 39074.426 | .705 | .633 | .926 |
| Mood Question 3 | 467.69 | 38256.972 | .733 | .702 | .925 |
| Mood Question 4 | 487.53 | 36707.604 | .796 | .687 | .921 |
| Mood Question 5 (reversed) | 478.03 | 37827.486 | .743 | .698 | .924 |
| Mood Question 6 | 472.49 | 37593.307 | .791 | .714 | .922 |
| Mood Question 7 | 472.05 | 39788.538 | .625 | .567 | .930 |
| Mood Question 8 (reversed) | 465.81 | 38513.721 | .716 | .616 | .926 |
| Mood Question 9 | 476.96 | 37122.769 | .766 | .733 | .923 |
| Mood Question 10 | 480.28 | 36922.772 | .834 | .730 | .919 |

**Intraclass Correlation Coefficient**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | Intraclass Correlation(a) | 95% Confidence Interval | | F Test with True Value 0 | | | |
| Lower Bound | Upper Bound | Value | df1 | df2 | Sig |
| Single Measures | .577(b) | .492 | .668 | 14.663 | 74.0 | 666 | .000 |
| Average Measures | .932(c) | .906 | .953 | 14.663 | 74.0 | 666 | .000 |

Two-way mixed effects model where people effects are random and measures effects are fixed.

a Type C intraclass correlation coefficients using a consistency definition-the between-measure variance is excluded from the denominator variance.

b The estimator is the same, whether the interaction effect is present or not.

c This estimate is computed assuming the interaction effect is absent, because it is not estimable otherwise.

**IASC Affect Regulation Scales**

**Multivariate Tests(c)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Effect |  | Value | F | Hypothesis df | Error df | Sig. |
| Intercept | Wilks' Lambda | .033 | 671.351(a) | 3.000 | 69.000 | .000 |
| group | Wilks' Lambda | .238 | 15.037 | 9.000 | 168.078 | .000 |

a Exact statistic

b The statistic is an upper bound on F that yields a lower bound on the significance level.

c Design: Intercept+group

**Tests of Between-Subjects Effects**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Source | Dependent Variable | Type III Sum of Squares | df | Mean Square | F | Sig. |
| Corrected Model | Inventory of Altered Self-Capacities Affect Dysregulation Raw Score | 921.553(a) | 3 | 307.184 | 29.966 | .000 |
| Inventory of Altered Self-Capacities Affect Skills Deficit Raw Score | 1162.717(b) | 3 | 387.572 | 47.778 | .000 |
| Inventory of Altlered Self-Capacities Affect Instability Raw Score | 2063.687(c) | 3 | 687.896 | 44.673 | .000 |
| Intercept | Inventory of Altered Self-Capacities Affect Dysregulation Raw Score | 12656.621 | 1 | 12656.621 | 1234.651 | .000 |
| Inventory of Altered Self-Capacities Affect Skills Deficit Raw Score | 9078.104 | 1 | 9078.104 | 1119.100 | .000 |
| Inventory of Altlered Self-Capacities Affect Instability Raw Score | 21091.200 | 1 | 21091.200 | 1369.684 | .000 |
| group | Inventory of Altered Self-Capacities Affect Dysregulation Raw Score | 921.553 | 3 | 307.184 | 29.966 | .000 |
| Inventory of Altered Self-Capacities Affect Skills Deficit Raw Score | 1162.717 | 3 | 387.572 | 47.778 | .000 |
| Inventory of Altlered Self-Capacities Affect Instability Raw Score | 2063.687 | 3 | 687.896 | 44.673 | .000 |

a R Squared = .559 (Adjusted R Squared = .540)

b R Squared = .669 (Adjusted R Squared = .655)

c R Squared = .654 (Adjusted R Squared = .639)

**Inventory of Altered Self-Capacities Affect Dysregulation Raw Score**

Ryan-Einot-Gabriel-Welsch Range

|  |  |  |  |
| --- | --- | --- | --- |
| group | N | Subset | |
| 1 | 2 |
| Overweight | 20 | 9.50 |  |
| Normal Weight | 20 | 9.65 |  |
| Bulimia Nervosa | 20 |  | 16.55 |
| Binge Eating Disorder | 15 |  | 16.67 |
| Sig. |  | .986 | .994 |

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = 10.251.

a Critical values are not monotonic for these data. Substitutions have been made to ensure monotonicity. Type I error is therefore smaller.

b Alpha = .05.

**Inventory of Altered Self-Capacities Affect Skills Deficit Raw Score**

Ryan-Einot-Gabriel-Welsch Range

|  |  |  |  |
| --- | --- | --- | --- |
| group | N | Subset | |
| 1 | 2 |
| Overweight | 20 | 6.60 |  |
| Normal Weight | 20 | 7.85 |  |
| Binge Eating Disorder | 15 |  | 14.40 |
| Bulimia Nervosa | 20 |  | 15.50 |
| Sig. |  | .310 | .501 |

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = 8.112.

a Critical values are not monotonic for these data. Substitutions have been made to ensure monotonicity. Type I error is therefore smaller.

b Alpha = .05.

**Inventory of Altlered Self-Capacities Affect Instability Raw Score**

Ryan-Einot-Gabriel-Welsch Range

|  |  |  |  |
| --- | --- | --- | --- |
| group | N | Subset | |
| 1 | 2 |
| Overweight | 20 | 11.70 |  |
| Normal Weight | 20 | 11.95 |  |
| Binge Eating Disorder | 15 |  | 20.60 |
| Bulimia Nervosa | 20 |  | 23.35 |
| Sig. |  | .975 | .114 |

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = 15.399.

a Critical values are not monotonic for these data. Substitutions have been made to ensure monotonicity. Type I error is therefore smaller.

b Alpha = .05.

**Interpersonal Difficulties**

**Multivariate Tests(c)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Effect |  | Value | F | Hypothesis df | Error df | Sig. |
| Intercept | Wilks' Lambda | .088 | 57.354(a) | 11.000 | 61.000 | .000 |
| group | Wilks' Lambda | .191 | 4.119 | 33.000 | 180.421 | .000 |

a Exact statistic

b The statistic is an upper bound on F that yields a lower bound on the significance level.

c Design: Intercept+group

**Tests of Between-Subjects Effects**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Source | Dependent Variable | Type III Sum of Squares | df | Mean Square | F | Sig. |
| Corrected Model | Interpersonal Question 1 | 7363.613(a) | 3 | 2454.538 | 3.503 | .020 |
| Interpersonal Question 2 | 33605.753(b) | 3 | 11201.918 | 14.922 | .000 |
| Interpersonal Question 3 | 26620.437(c) | 3 | 8873.479 | 16.278 | .000 |
| Interpersonal Question 4 | 28596.647(d) | 3 | 9532.216 | 20.638 | .000 |
| Interpersonal Question 5 | 17935.347(e) | 3 | 5978.449 | 7.499 | .000 |
| Interpersonal Question 6 | 35726.553(f) | 3 | 11908.851 | 24.272 | .000 |
| Interpersonal Question 7 | 48271.397(g) | 3 | 16090.466 | 27.682 | .000 |
| Interpersonal Question 8 | 51124.803(h) | 3 | 17041.601 | 30.478 | .000 |
| Interpersonal Question 9 | 61869.017(i) | 3 | 20623.006 | 45.144 | .000 |
| Interpersonal Question 10 | 65864.547(j) | 3 | 21954.849 | 25.812 | .000 |
| Interpersonal Qusetion 11 | 37814.463(k) | 3 | 12604.821 | 28.544 | .000 |
| Intercept | Interpersonal Question 1 | 139360.867 | 1 | 139360.867 | 198.887 | .000 |
| Interpersonal Question 2 | 213478.482 | 1 | 213478.482 | 284.371 | .000 |
| Interpersonal Question 3 | 148129.488 | 1 | 148129.488 | 271.744 | .000 |
| Interpersonal Question 4 | 145741.338 | 1 | 145741.338 | 315.541 | .000 |
| Interpersonal Question 5 | 133855.800 | 1 | 133855.800 | 167.893 | .000 |
| Interpersonal Question 6 | 183939.082 | 1 | 183939.082 | 374.894 | .000 |
| Interpersonal Question 7 | 203247.796 | 1 | 203247.796 | 349.662 | .000 |
| Interpersonal Question 8 | 252108.371 | 1 | 252108.371 | 450.881 | .000 |
| Interpersonal Question 9 | 211201.571 | 1 | 211201.571 | 462.319 | .000 |
| Interpersonal Question 10 | 175920.251 | 1 | 175920.251 | 206.830 | .000 |
| Interpersonal Qusetion 11 | 100300.032 | 1 | 100300.032 | 227.135 | .000 |
| group | Interpersonal Question 1 | 7363.613 | 3 | 2454.538 | 3.503 | .020 |
| Interpersonal Question 2 | 33605.753 | 3 | 11201.918 | 14.922 | .000 |
| Interpersonal Question 3 | 26620.437 | 3 | 8873.479 | 16.278 | .000 |
| Interpersonal Question 4 | 28596.647 | 3 | 9532.216 | 20.638 | .000 |
| Interpersonal Question 5 | 17935.347 | 3 | 5978.449 | 7.499 | .000 |
| Interpersonal Question 6 | 35726.553 | 3 | 11908.851 | 24.272 | .000 |
| Interpersonal Question 7 | 48271.397 | 3 | 16090.466 | 27.682 | .000 |
| Interpersonal Question 8 | 51124.803 | 3 | 17041.601 | 30.478 | .000 |
| Interpersonal Question 9 | 61869.017 | 3 | 20623.006 | 45.144 | .000 |
| Interpersonal Question 10 | 65864.547 | 3 | 21954.849 | 25.812 | .000 |
| Interpersonal Qusetion 11 | 37814.463 | 3 | 12604.821 | 28.544 | .000 |

a R Squared = .129 (Adjusted R Squared = .092)

b R Squared = .387 (Adjusted R Squared = .361)

c R Squared = .408 (Adjusted R Squared = .382)

d R Squared = .466 (Adjusted R Squared = .443)

e R Squared = .241 (Adjusted R Squared = .209)

f R Squared = .506 (Adjusted R Squared = .485)

g R Squared = .539 (Adjusted R Squared = .520)

h R Squared = .563 (Adjusted R Squared = .544)

i R Squared = .656 (Adjusted R Squared = .642)

j R Squared = .522 (Adjusted R Squared = .501)

k R Squared = .547 (Adjusted R Squared = .528)

**Interpersonal Question 1**

Ryan-Einot-Gabriel-Welsch Range

|  |  |  |
| --- | --- | --- |
| group | N | Subset |
| 1 |
| Normal Weight | 20 | 31.00 |
| Overweight | 20 | 36.30 |
| Bulimia Nervosa | 20 | 52.00 |
| Binge Eating Disorder | 15 | 54.47 |
| Sig. |  | .067 |

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = 700.703.

a Alpha = .05.

**Interpersonal Question 2**

Ryan-Einot-Gabriel-Welsch Range

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| group | N | Subset | | |
| 1 | 2 | 3 |
| Normal Weight | 20 | 23.75 |  |  |
| Overweight | 20 |  | 44.65 |  |
| Binge Eating Disorder | 15 |  |  | 71.07 |
| Bulimia Nervosa | 20 |  |  | 75.60 |
| Sig. |  | 1.000 | 1.000 | .879 |

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = 750.705.

a Critical values are not monotonic for these data. Substitutions have been made to ensure monotonicity. Type I error is therefore smaller.

b Alpha = .05.

**Interpersonal Question 3**

Ryan-Einot-Gabriel-Welsch Range

|  |  |  |  |
| --- | --- | --- | --- |
| group | N | Subset | |
| 1 | 2 |
| Normal Weight | 20 | 21.30 |  |
| Overweight | 20 | 31.50 |  |
| Binge Eating Disorder | 15 |  | 61.80 |
| Bulimia Nervosa | 20 |  | 64.55 |
| Sig. |  | .314 | .936 |

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = 545.106.

a Critical values are not monotonic for these data. Substitutions have been made to ensure monotonicity. Type I error is therefore smaller.

b Alpha = .05.

**Interpersonal Question 4**

Ryan-Einot-Gabriel-Welsch Range

|  |  |  |  |
| --- | --- | --- | --- |
| group | N | Subset | |
| 1 | 2 |
| Normal Weight | 20 | 18.70 |  |
| Overweight | 20 | 32.75 |  |
| Binge Eating Disorder | 15 |  | 61.20 |
| Bulimia Nervosa | 20 |  | 65.05 |
| Sig. |  | .083 | .860 |

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = 461.877.

a Critical values are not monotonic for these data. Substitutions have been made to ensure monotonicity. Type I error is therefore smaller.

b Alpha = .05.

**Interpersonal Question 5**

Ryan-Einot-Gabriel-Welsch Range

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| group | N | Subset | | |
| 1 | 2 | 3 |
| Normal Weight | 20 | 20.60 |  |  |
| Overweight | 20 | 35.60 | 35.60 |  |
| Binge Eating Disorder | 15 |  | 56.80 | 56.80 |
| Bulimia Nervosa | 20 |  |  | 57.30 |
| Sig. |  | .185 | .085 | .999 |

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = 797.270.

a Critical values are not monotonic for these data. Substitutions have been made to ensure monotonicity. Type I error is therefore smaller.

b Alpha = .05.

**Interpersonal Question 6**

Ryan-Einot-Gabriel-Welsch Range

|  |  |  |  |
| --- | --- | --- | --- |
| group | N | Subset | |
| 1 | 2 |
| Normal Weight | 20 | 23.05 |  |
| Overweight | 20 | 33.60 |  |
| Bulimia Nervosa | 20 |  | 70.65 |
| Binge Eating Disorder | 15 |  | 72.33 |
| Sig. |  | .254 | .973 |

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = 490.643.

a Critical values are not monotonic for these data. Substitutions have been made to ensure monotonicity. Type I error is therefore smaller.

b Alpha = .05.

**Interpersonal Question 7**

Ryan-Einot-Gabriel-Welsch Range

|  |  |  |  |
| --- | --- | --- | --- |
| group | N | Subset | |
| 1 | 2 |
| Normal Weight | 20 | 20.50 |  |
| Overweight | 20 | 37.10 |  |
| Binge Eating Disorder | 15 |  | 68.80 |
| Bulimia Nervosa | 20 |  | 83.45 |
| Sig. |  | .064 | .191 |

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = 581.270.

a Critical values are not monotonic for these data. Substitutions have been made to ensure monotonicity. Type I error is therefore smaller.

b Alpha = .05.

**Interpersonal Question 8**

Ryan-Einot-Gabriel-Welsch Range

|  |  |  |  |
| --- | --- | --- | --- |
| group | N | Subset | |
| 1 | 2 |
| Normal Weight | 20 | 24.65 |  |
| Overweight | 20 | 41.35 |  |
| Binge Eating Disorder | 15 |  | 83.67 |
| Bulimia Nervosa | 20 |  | 84.05 |
| Sig. |  | .057 | .999 |

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = 559.146.

a Critical values are not monotonic for these data. Substitutions have been made to ensure monotonicity. Type I error is therefore smaller.

b Alpha = .05.

**Interpersonal Question 9**

Ryan-Einot-Gabriel-Welsch Range

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| group | N | Subset | | |
| 1 | 2 | 3 |
| Normal Weight | 20 | 16.55 |  |  |
| Overweight | 20 |  | 35.75 |  |
| Binge Eating Disorder | 15 |  |  | 75.67 |
| Bulimia Nervosa | 20 |  |  | 85.95 |
| Sig. |  | 1.000 | 1.000 | .347 |

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = 456.831.

a Critical values are not monotonic for these data. Substitutions have been made to ensure monotonicity. Type I error is therefore smaller.

b Alpha = .05.

**Interpersonal Question 10**

Ryan-Einot-Gabriel-Welsch Range

|  |  |  |  |
| --- | --- | --- | --- |
| group | N | Subset | |
| 1 | 2 |
| Normal Weight | 20 | 10.90 |  |
| Overweight | 20 | 29.70 |  |
| Binge Eating Disorder | 15 |  | 73.53 |
| Bulimia Nervosa | 20 |  | 81.10 |
| Sig. |  | .088 | .729 |

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = 850.557.

a Critical values are not monotonic for these data. Substitutions have been made to ensure monotonicity. Type I error is therefore smaller.

b Alpha = .05.

**Interpersonal Question 11**

Ryan-Einot-Gabriel-Welsch Range

|  |  |  |  |
| --- | --- | --- | --- |
| Group | N | Subset | |
| 1 | 2 |
| Normal Weight | 20 | 13.10 |  |
| Overweight | 20 | 17.75 |  |
| Binge Eating Disorder | 15 |  | 51.27 |
| Bulimia Nervosa | 20 |  | 65.30 |
| Sig. |  | .736 | .138 |

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = 441.587.

a Critical values are not monotonic for these data. Substitutions have been made to ensure monotonicity. Type I error is therefore smaller.

b Alpha = .05.

**Reliability Statistics**

|  |  |  |
| --- | --- | --- |
| Cronbach's Alpha | Cronbach's Alpha Based on Standardized Items | N of Items |
| .955 | .956 | 11 |

**Inter-Item Correlation Matrix**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Interpersonal Question 1 | Interpersonal Question 2 | Interpersonal Question 3 | Interpersonal Question 4 | Interpersonal Question 5 | Interpersonal Question 6 | Interpersonal Question 7 | Interpersonal Question 8 | Interpersonal Question 9 | Interpersonal Question 10 | Interpersonal Qusetion 11 |
| Interpersonal Question 1 | 1.000 | .585 | .601 | .602 | .738 | .573 | .393 | .454 | .453 | .548 | .316 |
| Interpersonal Question 2 | .585 | 1.000 | .896 | .864 | .672 | .731 | .649 | .611 | .676 | .717 | .561 |
| Interpersonal Question 3 | .601 | .896 | 1.000 | .839 | .663 | .755 | .648 | .676 | .690 | .751 | .600 |
| Interpersonal Question 4 | .602 | .864 | .839 | 1.000 | .737 | .765 | .737 | .730 | .761 | .754 | .554 |
| Interpersonal Question 5 | .738 | .672 | .663 | .737 | 1.000 | .560 | .461 | .480 | .509 | .529 | .411 |
| Interpersonal Question 6 | .573 | .731 | .755 | .765 | .560 | 1.000 | .718 | .795 | .745 | .805 | .670 |
| Interpersonal Question 7 | .393 | .649 | .648 | .737 | .461 | .718 | 1.000 | .875 | .928 | .734 | .657 |
| Interpersonal Question 8 | .454 | .611 | .676 | .730 | .480 | .795 | .875 | 1.000 | .857 | .735 | .639 |
| Interpersonal Question 9 | .453 | .676 | .690 | .761 | .509 | .745 | .928 | .857 | 1.000 | .739 | .701 |
| Interpersonal Question 10 | .548 | .717 | .751 | .754 | .529 | .805 | .734 | .735 | .739 | 1.000 | .701 |
| Interpersonal Qusetion 11 | .316 | .561 | .600 | .554 | .411 | .670 | .657 | .639 | .701 | .701 | 1.000 |

**Item-Total Statistics**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Scale Mean if Item Deleted | Scale Variance if Item Deleted | Corrected Item-Total Correlation | Squared Multiple Correlation | Cronbach's Alpha if Item Deleted |
| Interpersonal Question 1 | 472.79 | 80635.089 | .614 | .630 | .957 |
| Interpersonal Question 2 | 462.88 | 74393.621 | .831 | .863 | .950 |
| Interpersonal Question 3 | 471.84 | 76180.352 | .856 | .850 | .949 |
| Interpersonal Question 4 | 472.19 | 76167.046 | .887 | .864 | .949 |
| Interpersonal Question 5 | 473.87 | 78212.414 | .669 | .707 | .955 |
| Interpersonal Question 6 | 467.08 | 75546.615 | .860 | .787 | .949 |
| Interpersonal Question 7 | 464.12 | 74257.053 | .824 | .899 | .950 |
| Interpersonal Question 8 | 458.75 | 74080.327 | .828 | .845 | .950 |
| Interpersonal Question 9 | 463.49 | 73285.578 | .856 | .891 | .949 |
| Interpersonal Question 10 | 468.33 | 70839.631 | .844 | .763 | .950 |
| Interpersonal Qusetion 11 | 479.60 | 78254.405 | .696 | .625 | .954 |

**Intraclass Correlation Coefficient**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | Intraclass Correlation(a) | 95% Confidence Interval | | F Test with True Value 0 | | | |
| Lower Bound | Upper Bound | Value | df1 | df2 | Sig |
| Single Measures | .661(b) | .583 | .740 | 22.441 | 74.0 | 740 | .000 |
| Average Measures | .955(c) | .939 | .969 | 22.441 | 74.0 | 740 | .000 |

Two-way mixed effects model where people effects are random and measures effects are fixed.

a Type C intraclass correlation coefficients using a consistency definition-the between-measure variance is excluded from the denominator variance.

b The estimator is the same, whether the interaction effect is present or not.

c This estimate is computed assuming the interaction effect is absent, because it is not estimable otherwise.

**IASC Interpersonal Conflicts**

**Tests of Between-Subjects Effects**

Dependent Variable: Inventory of Altered Self-Capacities Interpersonal Conflicts Raw Score

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Source | Type III Sum of Squares | df | Mean Square | F | Sig. |
| Corrected Model | 1194.663(a) | 3 | 398.221 | 14.682 | .000 |
| Intercept | 32115.417 | 1 | 32115.417 | 1184.096 | .000 |
| group | 1194.663 | 3 | 398.221 | 14.682 | .000 |
| Error | 1925.683 | 71 | 27.122 |  |  |
| Total | 34865.000 | 75 |  |  |  |
| Corrected Total | 3120.347 | 74 |  |  |  |

a R Squared = .383 (Adjusted R Squared = .357)

**Inventory of Altered Self-Capacities Interpersonal Conflicts Raw Score**

Ryan-Einot-Gabriel-Welsch Range

|  |  |  |  |
| --- | --- | --- | --- |
| group | N | Subset | |
| 1 | 2 |
| Normal Weight | 20 | 16.50 |  |
| Overweight | 20 | 17.20 |  |
| Bulimia Nervosa | 20 |  | 24.65 |
| Binge Eating Disorder | 15 |  | 25.07 |
| Sig. |  | .892 | .970 |

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = 27.122.

a Critical values are not monotonic for these data. Substitutions have been made to ensure monotonicity. Type I error is therefore smaller.

b Alpha = .05.

**Low Self-Esteem**

**Tests of Between-Subjects Effects**

Dependent Variable: Self Esteem

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Source | Type III Sum of Squares | df | Mean Square | F | Sig. |
| Corrected Model | 4675.353(a) | 3 | 1558.451 | 109.681 | .000 |
| Intercept | 39804.082 | 1 | 39804.082 | 2801.345 | .000 |
| group | 4675.353 | 3 | 1558.451 | 109.681 | .000 |
| Error | 1008.833 | 71 | 14.209 |  |  |
| Total | 47977.000 | 75 |  |  |  |
| Corrected Total | 5684.187 | 74 |  |  |  |

a R Squared = .823 (Adjusted R Squared = .815)

**Self Esteem**

Ryan-Einot-Gabriel-Welsch Range

|  |  |  |  |
| --- | --- | --- | --- |
| group | N | Subset | |
| 1 | 2 |
| Binge Eating Disorder | 15 | 15.27 |  |
| Bulimia Nervosa | 20 | 15.35 |  |
| Normal Weight | 20 |  | 30.65 |
| Overweight | 20 |  | 31.60 |
| Sig. |  | .998 | .673 |

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = 14.209.

a Critical values are not monotonic for these data. Substitutions have been made to ensure monotonicity. Type I error is therefore smaller.

b Alpha = .05.