**T-Test**

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| **Notes** |  |  |
| Output Created |  | 13-MAY-2024 17:12:07 |
| Comments |  |  |
| Input | Data | C:\Users\dorot\Desktop\MasterStudy\Statistics\DataAnalysis.sav |
| Active Dataset | DataSet1 |
| Filter | <none> |
| Weight | <none> |
| Split File | <none> |
| N of Rows in Working Data File | 17 |
| Missing Value Handling | Definition of Missing | User defined missing values are treated as missing. |
| Cases Used | Statistics for each analysis are based on the cases with no missing or out-of-range data for any variable in the analysis. |
| Syntax |  | T-TEST GROUPS=Gender(0 1) /MISSING=ANALYSIS /VARIABLES=Peaks /ES DISPLAY(TRUE) /CRITERIA=CI(.95). |
| Resources | Processor Time | 00:00:00,00 |
| Elapsed Time | 00:00:00,00 |

[DataSet1] C:\Users\dorot\Desktop\MasterStudy\Statistics\DataAnalysis.sav

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| **Group Statistics** |  |  |  |  |  |
|  | Gender | N | Mean | Std. Deviation | Std. Error Mean |
| Peaks | Female | 9 | 80,33 | 27,180 | 9,060 |
| Male | 8 | 66,38 | 16,843 | 5,955 |

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| **Independent Samples Test** |  |  |  |  |  |
|  |  | Levene's Test for Equality of Variances |  | t-test for Equality of Means |  |
|  | F | Sig. | t | df |
|  |
| Peaks | Equal variances assumed | 1,698 | ,212 | 1,252 | 15 |
| Equal variances not assumed |  |  | 1,287 | 13,521 |

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| **Independent Samples Test** |  |  |  |  |  |
|  |  | t-test for Equality of Means |  |  |  |
|  | Significance |  | Mean Difference | Std. Error Difference |
|  | One-Sided p | Two-Sided p |
| Peaks | Equal variances assumed | ,115 | ,230 | 13,958 | 11,148 |
| Equal variances not assumed | ,110 | ,220 | 13,958 | 10,842 |

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| **Independent Samples Test** |  |  |  |
|  |  | t-test for Equality of Means |  |
|  | 95% Confidence Interval of the Difference |  |
|  | Lower | Upper |
| Peaks | Equal variances assumed | -9,804 | 37,721 |
| Equal variances not assumed | -9,373 | 37,289 |

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| **Independent Samples Effect Sizes** |  |  |  |  |  |
|  |  | Standardizera | Point Estimate | 95% Confidence Interval |  |
|  | Lower | Upper |
| Peaks | Cohen's d | 22,943 | ,608 | -,378 | 1,575 |
| Hedges' correction | 24,176 | ,577 | -,358 | 1,495 |
| Glass's delta | 16,843 | ,829 | -,238 | 1,848 |

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| a. The denominator used in estimating the effect sizes. Cohen's d uses the pooled standard deviation. Hedges' correction uses the pooled standard deviation, plus a correction factor. Glass's delta uses the sample standard deviation of the control (i.e., the second) group. |  |  |  |  |  |