**T-Test**

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| **Notes** |  |  |
| Output Created |  | 13-MAY-2024 17:00:44 |
| 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=Grasping\_P /ES DISPLAY(TRUE) /CRITERIA=CI(.95). |
| Resources | Processor Time | 00:00:00,00 |
| Elapsed Time | 00:00:00,00 |

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| **Group Statistics** |  |  |  |  |  |
|  | Gender | N | Mean | Std. Deviation | Std. Error Mean |
| Grasping\_P | Female | 9 | 20,33 | 1,118 | ,373 |
| Male | 8 | 19,13 | 1,246 | ,441 |

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| **Independent Samples Test** |  |  |  |  |  |
|  |  | Levene's Test for Equality of Variances |  | t-test for Equality of Means |  |
|  | F | Sig. | t | df |
|  |
| Grasping\_P | Equal variances assumed | ,034 | ,856 | 2,108 | 15 |
| Equal variances not assumed |  |  | 2,094 | 14,226 |

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| **Independent Samples Test** |  |  |  |  |
|  |  | t-test for Equality of Means |  |  |
|  | Significance |  | Mean Difference |
|  | One-Sided p | Two-Sided p |
| Grasping\_P | Equal variances assumed | ,026 | ,052 | 1,208 |
| Equal variances not assumed | ,027 | ,055 | 1,208 |

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| **Independent Samples Test** |  |  |  |  |
|  |  | t-test for Equality of Means |  |  |
|  | Std. Error Difference | 95% Confidence Interval of the Difference |  |
|  | Lower | Upper |
| Grasping\_P | Equal variances assumed | ,573 | -,013 | 2,430 |
| Equal variances not assumed | ,577 | -,028 | 2,444 |

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| **Independent Samples Effect Sizes** |  |  |  |  |  |
|  |  | Standardizera | Point Estimate | 95% Confidence Interval |  |
|  | Lower | Upper |
| Grasping\_P | Cohen's d | 1,180 | 1,024 | -,010 | 2,029 |
| Hedges' correction | 1,243 | ,972 | -,009 | 1,925 |
| Glass's delta | 1,246 | ,969 | -,132 | 2,018 |

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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. |  |  |  |  |  |