**T-Test**

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| **Notes** |  |  |
| Output Created |  | 13-MAY-2024 17:04:58 |
| 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=Experience Height /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 |
| Experience | Female | 9 | 11,444 | 6,9302 | 2,3101 |
| Male | 8 | 10,563 | 5,9127 | 2,0904 |
| Height | Female | 9 | 168,22 | 6,140 | 2,047 |
| Male | 8 | 175,88 | 4,912 | 1,737 |

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| **Independent Samples Test** |  |  |  |  |  |
|  |  | Levene's Test for Equality of Variances |  | t-test for Equality of Means |  |
|  | F | Sig. | t | df |
|  |
| Experience | Equal variances assumed | ,067 | ,800 | ,280 | 15 |
| Equal variances not assumed |  |  | ,283 | 14,984 |
| Height | Equal variances assumed | ,472 | ,503 | -2,812 | 15 |
| Equal variances not assumed |  |  | -2,851 | 14,862 |

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| **Independent Samples Test** |  |  |  |  |
|  |  | t-test for Equality of Means |  |  |
|  | Significance |  | Mean Difference |
|  | One-Sided p | Two-Sided p |
| Experience | Equal variances assumed | ,392 | ,783 | ,8819 |
| Equal variances not assumed | ,390 | ,781 | ,8819 |
| Height | Equal variances assumed | ,007 | ,013 | -7,653 |
| Equal variances not assumed | ,006 | ,012 | -7,653 |

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| **Independent Samples Test** |  |  |  |  |
|  |  | t-test for Equality of Means |  |  |
|  | Std. Error Difference | 95% Confidence Interval of the Difference |  |
|  | Lower | Upper |
| Experience | Equal variances assumed | 3,1464 | -5,8245 | 7,5884 |
| Equal variances not assumed | 3,1155 | -5,7592 | 7,5231 |
| Height | Equal variances assumed | 2,721 | -13,453 | -1,853 |
| Equal variances not assumed | 2,684 | -13,378 | -1,927 |

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| **Independent Samples Effect Sizes** |  |  |  |  |  |
|  |  | Standardizera | Point Estimate | 95% Confidence Interval |  |
|  | Lower | Upper |
| Experience | Cohen's d | 6,4753 | ,136 | -,820 | 1,088 |
| Hedges' correction | 6,8232 | ,129 | -,778 | 1,032 |
| Glass's delta | 5,9127 | ,149 | -,811 | 1,099 |
| Height | Cohen's d | 5,600 | -1,367 | -2,417 | -,280 |
| Hedges' correction | 5,901 | -1,297 | -2,294 | -,266 |
| Glass's delta | 4,912 | -1,558 | -2,771 | -,283 |

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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. |  |  |  |  |  |