**T-Test**

|  |  |  |
| --- | --- | --- |
| **Notes** |  |  |
| Output Created |  | 16-OCT-2024 10:45:24 |
| Comments |  |  |
| Input | Active Dataset | DataSet1 |
| Filter | <none> |
| Weight | <none> |
| Split File | <none> |
| N of Rows in Working Data File | 200 |
| 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 /TESTVAL=0 /MISSING=ANALYSIS /VARIABLES=RouteID DistanceTraveled /ES DISPLAY(TRUE) /CRITERIA=CI(.95). |
| Resources | Processor Time | 00:00:00,00 |
| Elapsed Time | 00:00:00,02 |

[DataSet1]

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **One-Sample Statistics** |  |  |  |  |
|  | N | Mean | Std. Deviation | Std. Error Mean |
| Route ID | 200 | 100,50 | 57,879 | 4,093 |
| DistanceTraveled | 200 | 86,46 | 26,632 | 1,883 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **One-Sample Test** |  |  |  |  |  |
|  | Test Value = 0 |  |  |  |  |
| t | df | Significance |  | Mean Difference |
| One-Sided p | Two-Sided p |
| Route ID | 24,556 | 199 | <,001 | <,001 | 100,500 |
| DistanceTraveled | 45,909 | 199 | <,001 | <,001 | 86,455 |

|  |  |  |
| --- | --- | --- |
| **One-Sample Test** |  |  |
|  | Test Value = 0 |  |
| 95% Confidence Interval of the Difference |  |
| Lower | Upper |
| Route ID | 92,43 | 108,57 |
| DistanceTraveled | 82,74 | 90,17 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **One-Sample Effect Sizes** |  |  |  |  |  |
|  |  | Standardizera | Point Estimate | 95% Confidence Interval |  |
|  | Lower | Upper |
| Route ID | Cohen's d | 57,879 | 1,736 | 1,516 | 1,955 |
| Hedges' correction | 58,098 | 1,730 | 1,510 | 1,948 |
| DistanceTraveled | Cohen's d | 26,632 | 3,246 | 2,898 | 3,593 |
| Hedges' correction | 26,733 | 3,234 | 2,887 | 3,579 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| a. The denominator used in estimating the effect sizes. Cohen's d uses the sample standard deviation. Hedges' correction uses the sample standard deviation, plus a correction factor. |  |  |  |  |  |