|  |  |  |
| --- | --- | --- |
| **Notes** |  |  |
| Output Created |  | 26-FEB-2023 21:11:48 |
| Comments |  |  |
| Input | Active Dataset | DataSet6 |
| Filter | <none> |
| Weight | <none> |
| Split File | <none> |
| N of Rows in Working Data File | 993 |
| Syntax |  | NPTESTS /INDEPENDENT TEST (Race1AfricanAmerican2Caucasian3Hispanic4Asian5Biracial6OtherRace InSeatAttendance FavorableLCP1yes2no) GROUP (DidStudentGraduate1yes2No) /MISSING SCOPE=ANALYSIS USERMISSING=EXCLUDE /CRITERIA ALPHA=0.05 CILEVEL=95. |
| Resources | Processor Time | 00:00:00.75 |
| Elapsed Time | 00:00:00.00 |

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| --- | --- | --- |
| **Notes** |  |  |
| Output Created |  | 26-FEB-2023 21:14:01 |
| Comments |  |  |
| Input | Active Dataset | DataSet6 |
| Filter | <none> |
| Weight | <none> |
| Split File | <none> |
| N of Rows in Working Data File | 993 |
| Syntax |  | NPTESTS /INDEPENDENT TEST (InSeatAttendance FavorableLCP1yes2no) GROUP (DidStudentGraduate1yes2No) /MISSING SCOPE=ANALYSIS USERMISSING=EXCLUDE /CRITERIA ALPHA=0.05 CILEVEL=95. |
| Resources | Processor Time | 00:00:00.47 |
| Elapsed Time | 00:00:00.00 |

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| --- | --- | --- |
| **Notes** |  |  |
| Output Created |  | 26-FEB-2023 21:15:24 |
| Comments |  |  |
| Input | Active Dataset | DataSet6 |
| Filter | <none> |
| Weight | <none> |
| Split File | <none> |
| N of Rows in Working Data File | 993 |
| Syntax |  | BOOTSTRAP /SAMPLING METHOD=SIMPLE /VARIABLES TARGET=InSeatAttendance FavorableLCP1yes2no INPUT=DidStudentGraduate1yes2No /CRITERIA CILEVEL=95 CITYPE=PERCENTILE NSAMPLES=1000 /MISSING USERMISSING=EXCLUDE. |
| Resources | Processor Time | 00:00:00.02 |
| Elapsed Time | 00:00:00.00 |

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| --- | --- | --- |
| **Notes** |  |  |
| Output Created |  | 26-FEB-2023 21:15:24 |
| Comments |  |  |
| Input | Active Dataset | DataSet6 |
| Filter | <none> |
| Weight | <none> |
| Split File | <none> |
| N of Rows in Working Data File | 68024 |
| Missing Value Handling | Definition of Missing | User defined missing values are treated as missing. |
| Cases Used | Statistics for each analysis in a list are based on the cases with no missing or out-of-range data for any variable in that list |
| Syntax |  | T-TEST GROUPS=DidStudentGraduate1yes2No(1 2) /MISSING=LISTWISE /VARIABLES=InSeatAttendance FavorableLCP1yes2no /ES DISPLAY(TRUE) /CRITERIA=CI(.95). |
| Resources | Processor Time | 00:00:05.91 |
| Elapsed Time | 00:00:05.00 |

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| --- | --- | --- | --- | --- | --- |
| **Independent Samples Effect Sizes** |  |  |  |  |  |
|  |  | Standardizera | Point Estimate | 95% Confidence Interval |  |
|  | Lower | Upper |
| In-Seat Attendance | Cohen's d | 27.75230 | .970 | .537 | 1.399 |
| Hedges' correction | 27.95252 | .963 | .534 | 1.389 |
| Glass's delta | 27.45530 | .981 | .538 | 1.418 |
| Favorable LCP 1=yes; 2 = no | Cohen's d | .415 | -.805 | -1.228 | -.379 |
| Hedges' correction | .418 | -.800 | -1.219 | -.376 |
| Glass's delta | .485 | -.690 | -1.113 | -.263 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 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 group. |  |  |  |  |  |

**T-Test**

|  |  |  |
| --- | --- | --- |
| **Notes** |  |  |
| Output Created |  | 26-FEB-2023 21:16:42 |
| Comments |  |  |
| Input | Active Dataset | DataSet6 |
| Filter | <none> |
| Weight | <none> |
| Split File | <none> |
| N of Rows in Working Data File | 993 |
| Missing Value Handling | Definition of Missing | User defined missing values are treated as missing. |
| Cases Used | Statistics for each analysis in a list are based on the cases with no missing or out-of-range data for any variable in that list |
| Syntax |  | T-TEST GROUPS=DidStudentGraduate1yes2No(1 2) /MISSING=LISTWISE /VARIABLES=InSeatAttendance FavorableLCP1yes2no /ES DISPLAY(TRUE) /CRITERIA=CI(.95). |
| Resources | Processor Time | 00:00:00.01 |
| Elapsed Time | 00:00:00.00 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Group Statistics** |  |  |  |  |  |
|  | Did Student Graduate 1=yes; 2=No | N | Mean | Std. Deviation | Std. Error Mean |
| In-Seat Attendance | 1 | 33 | 55.0970 | 28.41821 | 4.94698 |
| 2 | 74 | 28.1692 | 27.45530 | 3.19161 |
| Favorable LCP 1=yes; 2 = no | 1 | 33 | 1.03 | .174 | .030 |
| 2 | 74 | 1.36 | .485 | .056 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Independent Samples Test** |  |  |  |  |  |  |
|  |  | Levene's Test for Equality of Variances |  | t-test for Equality of Means |  |  |
|  | F | Sig. | t | df | Significance |
|  | One-Sided p |
| In-Seat Attendance | Equal variances assumed | .650 | .422 | 4.635 | 105 | <.001 |
| Equal variances not assumed |  |  | 4.574 | 59.653 | <.001 |
| Favorable LCP 1=yes; 2 = no | Equal variances assumed | 186.161 | <.001 | -3.848 | 105 | <.001 |
| Equal variances not assumed |  |  | -5.230 | 101.892 | <.001 |

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| --- | --- | --- | --- | --- | --- |
| **Independent Samples Test** |  |  |  |  |  |
|  |  | t-test for Equality of Means |  |  |  |
|  | Significance | Mean Difference | Std. Error Difference | 95% Confidence Interval of the Difference |
|  | Two-Sided p | Lower |
| In-Seat Attendance | Equal variances assumed | <.001 | 26.92778 | 5.80922 | 15.40917 |
| Equal variances not assumed | <.001 | 26.92778 | 5.88719 | 15.15024 |
| Favorable LCP 1=yes; 2 = no | Equal variances assumed | <.001 | -.335 | .087 | -.507 |
| Equal variances not assumed | <.001 | -.335 | .064 | -.461 |

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| --- | --- | --- |
| **Independent Samples Test** |  |  |
|  |  | t-test for Equality of Means |
|  | 95% Confidence Interval of the Difference |
|  | Upper |
| In-Seat Attendance | Equal variances assumed | 38.44640 |
| Equal variances not assumed | 38.70532 |
| Favorable LCP 1=yes; 2 = no | Equal variances assumed | -.162 |
| Equal variances not assumed | -.208 |

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| --- | --- | --- | --- | --- | --- |
| **Independent Samples Effect Sizes** |  |  |  |  |  |
|  |  | Standardizera | Point Estimate | 95% Confidence Interval |  |
|  | Lower | Upper |
| In-Seat Attendance | Cohen's d | 27.75230 | .970 | .537 | 1.399 |
| Hedges' correction | 27.95252 | .963 | .534 | 1.389 |
| Glass's delta | 27.45530 | .981 | .538 | 1.418 |
| Favorable LCP 1=yes; 2 = no | Cohen's d | .415 | -.805 | -1.228 | -.379 |
| Hedges' correction | .418 | -.800 | -1.219 | -.376 |
| Glass's delta | .485 | -.690 | -1.113 | -.263 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 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 group. |  |  |  |  |  |

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| --- | --- | --- |
| **Notes** |  |  |
| Output Created |  | 26-FEB-2023 21:49:29 |
| Comments |  |  |
| Input | Active Dataset | DataSet6 |
| Filter | <none> |
| Weight | <none> |
| Split File | <none> |
| N of Rows in Working Data File | 993 |
| Syntax |  | NPTESTS /ONESAMPLE TEST (FavorableLCP1yes2no DidStudentGraduate1yes2NoBlack) /MISSING SCOPE=ANALYSIS USERMISSING=EXCLUDE /CRITERIA ALPHA=0.05 CILEVEL=95 SEED=RANDOM. |
| Resources | Processor Time | 00:00:00.70 |
| Elapsed Time | 00:00:01.00 |

**Nonparametric Tests**

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| --- | --- | --- |
| **Notes** |  |  |
| Output Created |  | 26-FEB-2023 21:50:49 |
| Comments |  |  |
| Input | Active Dataset | DataSet6 |
| Filter | <none> |
| Weight | <none> |
| Split File | <none> |
| N of Rows in Working Data File | 993 |
| Syntax |  | NPTESTS /ONESAMPLE TEST (FavorableLCP1yes2no DidStudentGraduate1yes2No) /MISSING SCOPE=ANALYSIS USERMISSING=EXCLUDE /CRITERIA ALPHA=0.05 CILEVEL=95 SEED=RANDOM. |
| Resources | Processor Time | 00:00:00.66 |
| Elapsed Time | 00:00:01.00 |

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| **Hypothesis Test Summary** |  |  |  |  |
|  | Null Hypothesis | Test | Sig.a,b | Decision |
| 1 | The categories defined by Favorable LCP 1=yes; 2 = no = 1 and 2 occur with probabilities .500 and .500. | One-Sample Binomial Test | <.001 | Reject the null hypothesis. |
| 2 | The categories defined by Did Student Graduate 1=yes; 2=No = 2 and 1 occur with probabilities .500 and .500. | One-Sample Binomial Test | <.001 | Reject the null hypothesis. |

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| --- | --- | --- | --- | --- |
| a. The significance level is .050. |  |  |  |  |
| b. Asymptotic significance is displayed. |  |  |  |  |

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| **Notes** |  |  |
| Output Created |  | 26-FEB-2023 22:09:57 |
| Comments |  |  |
| Input | Active Dataset | DataSet6 |
| Filter | <none> |
| Weight | <none> |
| Split File | <none> |
| N of Rows in Working Data File | 993 |
| Syntax |  | NPTESTS /INDEPENDENT TEST (DidStudentGraduate1yes2NoBlack InSeatAttendance) GROUP (FavorableLCP1yes2no) /MISSING SCOPE=ANALYSIS USERMISSING=EXCLUDE /CRITERIA ALPHA=0.05 CILEVEL=95. |
| Resources | Processor Time | 00:00:00.56 |
| Elapsed Time | 00:00:00.00 |

**T-Test**

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| **Notes** |  |  |
| Output Created |  | 26-FEB-2023 22:13:51 |
| Comments |  |  |
| Input | Active Dataset | DataSet6 |
| Filter | <none> |
| Weight | <none> |
| Split File | <none> |
| N of Rows in Working Data File | 993 |
| 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=FavorableLCP1yes2no(1 2) /MISSING=ANALYSIS /VARIABLES=DidStudentGraduate1yes2No InSeatAttendance /ES DISPLAY(TRUE) /CRITERIA=CI(.95). |
| Resources | Processor Time | 00:00:00.02 |
| Elapsed Time | 00:00:00.00 |

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| --- | --- | --- | --- | --- | --- |
| **Group Statistics** |  |  |  |  |  |
|  | Favorable LCP 1=yes; 2 = no | N | Mean | Std. Deviation | Std. Error Mean |
| Did Student Graduate 1=yes; 2=No | 1 | 79 | 1.59 | .494 | .056 |
| 2 | 28 | 1.96 | .189 | .036 |
| In-Seat Attendance | 1 | 79 | 36.3105 | 30.11924 | 3.38868 |
| 2 | 28 | 36.9354 | 31.41798 | 5.93744 |

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| --- | --- | --- | --- | --- | --- | --- |
| **Independent Samples Test** |  |  |  |  |  |  |
|  |  | Levene's Test for Equality of Variances |  | t-test for Equality of Means |  |  |
|  | F | Sig. | t | df | Significance |
|  | One-Sided p |
| Did Student Graduate 1=yes; 2=No | Equal variances assumed | 244.049 | <.001 | -3.848 | 105 | <.001 |
| Equal variances not assumed |  |  | -5.590 | 104.328 | <.001 |
| In-Seat Attendance | Equal variances assumed | .015 | .902 | -.093 | 105 | .463 |
| Equal variances not assumed |  |  | -.091 | 45.773 | .464 |

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| **Independent Samples Test** |  |  |  |  |  |
|  |  | t-test for Equality of Means |  |  |  |
|  | Significance | Mean Difference | Std. Error Difference | 95% Confidence Interval of the Difference |
|  | Two-Sided p | Lower |
| Did Student Graduate 1=yes; 2=No | Equal variances assumed | <.001 | -.369 | .096 | -.560 |
| Equal variances not assumed | <.001 | -.369 | .066 | -.500 |
| In-Seat Attendance | Equal variances assumed | .926 | -.62485 | 6.69896 | -13.90766 |
| Equal variances not assumed | .928 | -.62485 | 6.83640 | -14.38765 |

|  |  |  |
| --- | --- | --- |
| **Independent Samples Test** |  |  |
|  |  | t-test for Equality of Means |
|  | 95% Confidence Interval of the Difference |
|  | Upper |
| Did Student Graduate 1=yes; 2=No | Equal variances assumed | -.179 |
| Equal variances not assumed | -.238 |
| In-Seat Attendance | Equal variances assumed | 12.65796 |
| Equal variances not assumed | 13.13795 |

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| --- | --- | --- | --- | --- | --- |
| **Independent Samples Effect Sizes** |  |  |  |  |  |
|  |  | Standardizera | Point Estimate | 95% Confidence Interval |  |
|  | Lower | Upper |
| Did Student Graduate 1=yes; 2=No | Cohen's d | .436 | -.846 | -1.290 | -.398 |
| Hedges' correction | .440 | -.840 | -1.281 | -.396 |
| Glass's delta | .189 | -1.954 | -2.621 | -1.272 |
| In-Seat Attendance | Cohen's d | 30.45849 | -.021 | -.452 | .411 |
| Hedges' correction | 30.67823 | -.020 | -.448 | .408 |
| Glass's delta | 31.41798 | -.020 | -.451 | .411 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 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 group. |  |  |  |  |  |

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| --- | --- | --- |
| **Notes** |  |  |
| Output Created |  | 26-FEB-2023 22:14:54 |
| Comments |  |  |
| Input | Active Dataset | DataSet6 |
| Filter | <none> |
| Weight | <none> |
| Split File | <none> |
| N of Rows in Working Data File | 993 |
| Syntax |  | NPTESTS /INDEPENDENT TEST (DidStudentGraduate1yes2NoBlack) GROUP (FavorableLCP1yes2no) /MISSING SCOPE=ANALYSIS USERMISSING=EXCLUDE /CRITERIA ALPHA=0.05 CILEVEL=95. |
| Resources | Processor Time | 00:00:00.20 |
| Elapsed Time | 00:00:00.00 |

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| --- | --- | --- |
| **Notes** |  |  |
| Output Created |  | 26-FEB-2023 22:16:10 |
| Comments |  |  |
| Input | Active Dataset | DataSet6 |
| Filter | <none> |
| Weight | <none> |
| Split File | <none> |
| N of Rows in Working Data File | 993 |
| Syntax |  | NPTESTS /INDEPENDENT TEST (DidStudentGraduate1yes2No) GROUP (FavorableLCP1yes2no) /MISSING SCOPE=ANALYSIS USERMISSING=EXCLUDE /CRITERIA ALPHA=0.05 CILEVEL=95. |
| Resources | Processor Time | 00:00:00.21 |
| Elapsed Time | 00:00:00.00 |

**Nonparametric Tests**

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| --- | --- | --- |
| **Notes** |  |  |
| Output Created |  | 26-FEB-2023 22:16:47 |
| Comments |  |  |
| Input | Active Dataset | DataSet6 |
| Filter | <none> |
| Weight | <none> |
| Split File | <none> |
| N of Rows in Working Data File | 993 |
| Syntax |  | NPTESTS /INDEPENDENT TEST (DidStudentGraduate1yes2No InSeatAttendance) GROUP (FavorableLCP1yes2no) /MISSING SCOPE=ANALYSIS USERMISSING=EXCLUDE /CRITERIA ALPHA=0.05 CILEVEL=95. |
| Resources | Processor Time | 00:00:00.53 |
| Elapsed Time | 00:00:01.00 |

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| --- | --- | --- | --- | --- |
| **Hypothesis Test Summary** |  |  |  |  |
|  | Null Hypothesis | Test | Sig.b,c | Decision |
| 1 | The distribution of Did Student Graduate 1=yes; 2=No is the same across categories of Favorable LCP 1=yes; 2 = no. | Independent-Samples Mann-Whitney U Test | .a | Unable to compute. |
| 2 | The distribution of In-Seat Attendance is the same across categories of Favorable LCP 1=yes; 2 = no. | Independent-Samples Mann-Whitney U Test | .932 | Retain the null hypothesis. |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| a. The test field is not continuous. |  |  |  |  |
| b. The significance level is .050. |  |  |  |  |
| c. Asymptotic significance is displayed. |  |  |  |  |

**Independent-Samples Mann-Whitney U Test**

**In-Seat Attendance across Favorable LCP 1=yes; 2 = no**

|  |  |
| --- | --- |
| **Independent-Samples Mann-Whitney U Test Summary** |  |
| Total N | 107 |
| Mann-Whitney U | 1118.000 |
| Wilcoxon W | 1524.000 |
| Test Statistic | 1118.000 |
| Standard Error | 141.064 |
| Standardized Test Statistic | .085 |
| Asymptotic Sig.(2-sided test) | .932 |

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**Correlations**

|  |  |  |
| --- | --- | --- |
| **Notes** |  |  |
| Output Created |  | 26-FEB-2023 22:21:28 |
| Comments |  |  |
| Input | Active Dataset | DataSet6 |
| Filter | <none> |
| Weight | <none> |
| Split File | <none> |
| N of Rows in Working Data File | 993 |
| Missing Value Handling | Definition of Missing | User-defined missing values are treated as missing. |
| Cases Used | Statistics for each pair of variables are based on all the cases with valid data for that pair. |
| Syntax |  | CORRELATIONS /VARIABLES=DidStudentGraduate1yes2No InSeatAttendance FavorableLCP1yes2no /PRINT=TWOTAIL NOSIG FULL /MISSING=PAIRWISE. |
| Resources | Processor Time | 00:00:00.02 |
| Elapsed Time | 00:00:00.00 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Correlations** |  |  |  |  |
|  |  | Did Student Graduate 1=yes; 2=No | In-Seat Attendance | Favorable LCP 1=yes; 2 = no |
| Did Student Graduate 1=yes; 2=No | Pearson Correlation | 1 | -.412\*\* | .352\*\* |
| Sig. (2-tailed) |  | <.001 | <.001 |
| N | 107 | 107 | 107 |
| In-Seat Attendance | Pearson Correlation | -.412\*\* | 1 | .009 |
| Sig. (2-tailed) | <.001 |  | .926 |
| N | 107 | 107 | 107 |
| Favorable LCP 1=yes; 2 = no | Pearson Correlation | .352\*\* | .009 | 1 |
| Sig. (2-tailed) | <.001 | .926 |  |
| N | 107 | 107 | 107 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| \*\*. Correlation is significant at the 0.01 level (2-tailed). |  |  |  |  |