**Descriptives**

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| --- | --- | --- |
| **Notes** | | |
| Output Created | | 03-JAN-2023 20:35:22 |
| Comments | |  |
| Input | Data | D:\analyst\Datafor2022NPBpractical.sav |
| Active Dataset | DataSet1 |
| Filter | <none> |
| Weight | <none> |
| Split File | <none> |
| N of Rows in Working Data File | 32 |
| Missing Value Handling | Definition of Missing | User defined missing values are treated as missing. |
| Cases Used | All non-missing data are used. |
| Syntax | | DESCRIPTIVES VARIABLES=Age /STATISTICS=MEAN STDDEV VARIANCE RANGE MIN MAX SEMEAN KURTOSIS SKEWNESS. |
| Resources | Processor Time | 00:00:00.02 |
| Elapsed Time | 00:00:00.01 |

[DataSet1] D:\analyst\Datafor2022NPBpractical.sav

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Descriptive Statistics** | | | | | | | |
|  | N | Range | Minimum | Maximum | Mean | | Std. Deviation |
| Statistic | Statistic | Statistic | Statistic | Statistic | Std. Error | Statistic |
| Age | 32 | 16.00 | 21.00 | 37.00 | 26.5000 | .80322 | 4.54369 |
| Valid N (listwise) | 32 |  |  |  |  |  |  |

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| **Descriptive Statistics** | | | | | |
|  | Variance | Skewness | | Kurtosis | |
| Statistic | Statistic | Std. Error | Statistic | Std. Error |
| Age | 20.645 | 1.050 | .414 | .106 | .809 |
| Valid N (listwise) |  |  |  |  |  |

**GGraph**

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| **Notes** | | |
| Output Created | | 03-JAN-2023 20:45:39 |
| Comments | |  |
| Input | Data | D:\analyst\Datafor2022NPBpractical.sav |
| Active Dataset | DataSet1 |
| Filter | <none> |
| Weight | <none> |
| Split File | <none> |
| N of Rows in Working Data File | 32 |
| Syntax | | GGRAPH /GRAPHDATASET NAME="graphdataset" VARIABLES=Age MISSING=LISTWISE REPORTMISSING=NO /GRAPHSPEC SOURCE=INLINE. BEGIN GPL GUIDE: axis(dim(1), label("Age")) GUIDE: axis(dim(2), label("Frequency")) GUIDE: text.title(label("Simple Bar of Age")) ELEMENT: interval(position(summary.count(bin.rect(Age))), shape.interior(shape.square)) END GPL. |
| Resources | Processor Time | 00:00:05.14 |
| Elapsed Time | 00:00:01.96 |

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**Descriptives**

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| **Notes** |  |  | | |
| Output Created |  | | | 03-JAN-2023 20:55:38 |
| Comments |  | | |  |
| Input | | | Data | D:\analyst\Datafor2022NPBpractical.sav |
| Active Dataset | DataSet1 |
| Filter | <none> |
| Weight | <none> |
| Split File | <none> |
| N of Rows in Working Data File | 32 |
| Missing Value Handling | | | Definition of Missing | User defined missing values are treated as missing. |
| Cases Used | All non-missing data are used. |
| Syntax |  | | | DESCRIPTIVES VARIABLES=SexCategory /STATISTICS=MEAN STDDEV VARIANCE RANGE MIN MAX SEMEAN KURTOSIS SKEWNESS. |
| Resources | | | Processor Time | 00:00:00.02 |
| Elapsed Time | 00:00:00.00 |

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| **Descriptive Statistics** |  |  |  |  |  |  |  | | | | | | | | |
|  | | | | | | | | N | Range | Minimum | Maximum | Mean |  | | Std. Deviation |
| Statistic | Statistic | Statistic | Statistic | Statistic | | Std. Error | Statistic |
| SexCategory | | | | | | | | 32 | 1.00 | 1.00 | 2.00 | 1.1875 | | .07010 | .39656 |
| Valid N (listwise) | | | | | | | | 32 |  |  |  |  | |  |  |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Descriptive Statistics** |  |  |  |  |  | | | | | | | |
|  | | | | | | Variance | Skewness |  | | Kurtosis |  | |
| Statistic | Statistic | | Std. Error | Statistic | | Std. Error |
| SexCategory | | | | | | .157 | 1.681 | | .414 | .877 | | .809 |
| Valid N (listwise) | | | | | |  |  | |  |  | |  |

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| **Notes** |  |  | | |
| Output Created |  | | | 03-JAN-2023 21:05:26 |
| Comments |  | | |  |
| Input | | | Data | D:\analyst\Datafor2022NPBpractical.sav |
| Active Dataset | DataSet1 |
| Filter | <none> |
| Weight | <none> |
| Split File | <none> |
| N of Rows in Working Data File | 32 |
| Syntax |  | | | GGRAPH /GRAPHDATASET NAME="graphdataset" VARIABLES=Sex COUNT()[name="COUNT"] MISSING=LISTWISE REPORTMISSING=NO /GRAPHSPEC SOURCE=INLINE. BEGIN GPL GUIDE: axis(dim(1), label("Sex")) GUIDE: axis(dim(2), label("Count")) GUIDE: text.title(label("Simple Bar Count of Sex")) SCALE: linear(dim(2), include(0)) ELEMENT: interval(position(Sex\*COUNT), shape.interior(shape.square)) END GPL. |
| Resources | | | Processor Time | 00:00:00.81 |
| Elapsed Time | 00:00:00.23 |

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| **Notes** |  |  | | |
| Output Created |  | | | 03-JAN-2023 21:06:32 |
| Comments |  | | |  |
| Input | | | Data | D:\analyst\Datafor2022NPBpractical.sav |
| Active Dataset | DataSet1 |
| Filter | <none> |
| Weight | <none> |
| Split File | <none> |
| N of Rows in Working Data File | 32 |
| Syntax |  | | | GGRAPH /GRAPHDATASET NAME="graphdataset" VARIABLES=Sex COUNT()[name="COUNT"] MISSING=LISTWISE REPORTMISSING=NO /GRAPHSPEC SOURCE=INLINE. BEGIN GPL GUIDE: axis(dim(1), label("Sex")) GUIDE: axis(dim(2), label("Count")) GUIDE: text.title(label("Simple Bar Count of Sex")) SCALE: linear(dim(2), include(0)) ELEMENT: interval(position(Sex\*COUNT), shape.interior(shape.square)) END GPL. |
| Resources | | | Processor Time | 00:00:00.30 |
| Elapsed Time | 00:00:00.17 |

**GGraph**

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| **Notes** |  |  | | |
| Output Created |  | | | 03-JAN-2023 21:08:06 |
| Comments |  | | |  |
| Input | | | Data | D:\analyst\Datafor2022NPBpractical.sav |
| Active Dataset | DataSet1 |
| Filter | <none> |
| Weight | <none> |
| Split File | <none> |
| N of Rows in Working Data File | 32 |
| Syntax |  | | | GGRAPH /GRAPHDATASET NAME="graphdataset" VARIABLES=Sex COUNT()[name="COUNT"] MISSING=LISTWISE REPORTMISSING=NO /GRAPHSPEC SOURCE=INLINE. BEGIN GPL COORD: polar.theta(startAngle(0)) GUIDE: axis(dim(1), null()) GUIDE: legend(aesthetic(aesthetic.color.interior), label("Sex")) GUIDE: text.title(label("Pie Chart Count of Sex")) SCALE: linear(dim(1), dataMinimum(), dataMaximum()) ELEMENT: interval.stack(position(summary.percent(COUNT))), color.interior(Sex)) END GPL. |
| Resources | | | Processor Time | 00:00:00.41 |
| Elapsed Time | 00:00:00.21 |

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**Descriptives**

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| **Notes** |  |  | | |
| Output Created |  | | | 03-JAN-2023 21:49:52 |
| Comments |  | | |  |
| Input | | | Data | D:\analyst\Datafor2022NPBpractical.sav |
| Active Dataset | DataSet1 |
| Filter | <none> |
| Weight | <none> |
| Split File | <none> |
| N of Rows in Working Data File | 32 |
| Missing Value Handling | | | Definition of Missing | User defined missing values are treated as missing. |
| Cases Used | All non-missing data are used. |
| Syntax |  | | | DESCRIPTIVES VARIABLES=Mass /STATISTICS=MEAN STDDEV VARIANCE RANGE MIN MAX SEMEAN KURTOSIS SKEWNESS. |
| Resources | | | Processor Time | 00:00:00.00 |
| Elapsed Time | 00:00:00.01 |

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| **Descriptive Statistics** |  |  |  |  |  |  |  | | | | | | | | |
|  | | | | | | | | N | Range | Minimum | Maximum | Mean |  | | Std. Deviation |
| Statistic | Statistic | Statistic | Statistic | Statistic | | Std. Error | Statistic |
| Mass | | | | | | | | 32 | 50.70 | 47.90 | 98.60 | 62.4562 | | 1.94410 | 10.99751 |
| Valid N (listwise) | | | | | | | | 32 |  |  |  |  | |  |  |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Descriptive Statistics** |  |  |  |  |  | | | | | | | |
|  | | | | | | Variance | Skewness |  | | Kurtosis |  | |
| Statistic | Statistic | | Std. Error | Statistic | | Std. Error |
| Mass | | | | | | 120.945 | 1.309 | | .414 | 2.436 | | .809 |
| Valid N (listwise) | | | | | |  |  | |  |  | |  |

**GGraph**

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| **Notes** |  |  | | |
| Output Created |  | | | 03-JAN-2023 21:54:19 |
| Comments |  | | |  |
| Input | | | Data | D:\analyst\Datafor2022NPBpractical.sav |
| Active Dataset | DataSet1 |
| Filter | <none> |
| Weight | <none> |
| Split File | <none> |
| N of Rows in Working Data File | 32 |
| Syntax |  | | | GGRAPH /GRAPHDATASET NAME="graphdataset" VARIABLES=Mass MISSING=LISTWISE REPORTMISSING=NO /GRAPHSPEC SOURCE=INLINE. BEGIN GPL GUIDE: axis(dim(1), label("Mass")) GUIDE: axis(dim(2), label("Frequency")) GUIDE: text.title(label("Simple Bar of Mass")) ELEMENT: interval(position(summary.count(bin.rect(Mass))), shape.interior(shape.square)) END GPL. |
| Resources | | | Processor Time | 00:00:00.34 |
| Elapsed Time | 00:00:00.23 |

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**Descriptives**

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| **Notes** |  |  | | |
| Output Created |  | | | 03-JAN-2023 22:04:53 |
| Comments |  | | |  |
| Input | | | Data | D:\analyst\Datafor2022NPBpractical.sav |
| Active Dataset | DataSet1 |
| Filter | <none> |
| Weight | <none> |
| Split File | <none> |
| N of Rows in Working Data File | 32 |
| Missing Value Handling | | | Definition of Missing | User defined missing values are treated as missing. |
| Cases Used | All non-missing data are used. |
| Syntax |  | | | DESCRIPTIVES VARIABLES=BMI /STATISTICS=MEAN STDDEV VARIANCE RANGE MIN MAX SEMEAN KURTOSIS SKEWNESS. |
| Resources | | | Processor Time | 00:00:00.02 |
| Elapsed Time | 00:00:00.00 |

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| **Descriptive Statistics** |  |  |  |  |  |  |  | | | | | | | | |
|  | | | | | | | | N | Range | Minimum | Maximum | Mean |  | | Std. Deviation |
| Statistic | Statistic | Statistic | Statistic | Statistic | | Std. Error | Statistic |
| BMI | | | | | | | | 32 | 11.80 | 18.50 | 30.30 | 23.7455 | | .57014 | 3.22518 |
| Valid N (listwise) | | | | | | | | 32 |  |  |  |  | |  |  |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Descriptive Statistics** |  |  |  |  |  | | | | | | | |
|  | | | | | | Variance | Skewness |  | | Kurtosis |  | |
| Statistic | Statistic | | Std. Error | Statistic | | Std. Error |
| BMI | | | | | | 10.402 | .356 | | .414 | -.830 | | .809 |
| Valid N (listwise) | | | | | |  |  | |  |  | |  |

**GGraph**

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| **Notes** |  |  | | |
| Output Created |  | | | 03-JAN-2023 22:10:29 |
| Comments |  | | |  |
| Input | | | Data | D:\analyst\Datafor2022NPBpractical.sav |
| Active Dataset | DataSet1 |
| Filter | <none> |
| Weight | <none> |
| Split File | <none> |
| N of Rows in Working Data File | 32 |
| Syntax |  | | | GGRAPH /GRAPHDATASET NAME="graphdataset" VARIABLES=BMI MISSING=LISTWISE REPORTMISSING=NO /GRAPHSPEC SOURCE=INLINE. BEGIN GPL GUIDE: axis(dim(1), label("BMI")) GUIDE: axis(dim(2), label("Frequency")) GUIDE: text.title(label("Simple Bar of BMI")) ELEMENT: interval(position(summary.count(bin.rect(BMI))), shape.interior(shape.square)) END GPL. |
| Resources | | | Processor Time | 00:00:00.22 |
| Elapsed Time | 00:00:00.16 |

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**Descriptives**

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| **Notes** |  |  | | |
| Output Created |  | | | 03-JAN-2023 22:16:15 |
| Comments |  | | |  |
| Input | | | Data | D:\analyst\Datafor2022NPBpractical.sav |
| Active Dataset | DataSet1 |
| Filter | <none> |
| Weight | <none> |
| Split File | <none> |
| N of Rows in Working Data File | 32 |
| Missing Value Handling | | | Definition of Missing | User defined missing values are treated as missing. |
| Cases Used | All non-missing data are used. |
| Syntax |  | | | DESCRIPTIVES VARIABLES=Fat /STATISTICS=MEAN STDDEV VARIANCE RANGE MIN MAX SEMEAN KURTOSIS SKEWNESS. |
| Resources | | | Processor Time | 00:00:00.00 |
| Elapsed Time | 00:00:00.00 |

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| **Descriptive Statistics** |  |  |  |  |  |  |  | | | | | | | | |
|  | | | | | | | | N | Range | Minimum | Maximum | Mean |  | | Std. Deviation |
| Statistic | Statistic | Statistic | Statistic | Statistic | | Std. Error | Statistic |
| Fat | | | | | | | | 32 | 29.10 | 9.90 | 39.00 | 29.0562 | | 1.23699 | 6.99746 |
| Valid N (listwise) | | | | | | | | 32 |  |  |  |  | |  |  |

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| **Descriptive Statistics** |  |  |  |  |  | | | | | | | |
|  | | | | | | Variance | Skewness |  | | Kurtosis |  | |
| Statistic | Statistic | | Std. Error | Statistic | | Std. Error |
| Fat | | | | | | 48.964 | -.937 | | .414 | .451 | | .809 |
| Valid N (listwise) | | | | | |  |  | |  |  | |  |

**GGraph**

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| **Notes** |  |  | | |
| Output Created |  | | | 03-JAN-2023 22:19:41 |
| Comments |  | | |  |
| Input | | | Data | D:\analyst\Datafor2022NPBpractical.sav |
| Active Dataset | DataSet1 |
| Filter | <none> |
| Weight | <none> |
| Split File | <none> |
| N of Rows in Working Data File | 32 |
| Syntax |  | | | GGRAPH /GRAPHDATASET NAME="graphdataset" VARIABLES=Fat MISSING=LISTWISE REPORTMISSING=NO /GRAPHSPEC SOURCE=INLINE. BEGIN GPL GUIDE: axis(dim(1), label("Fat")) GUIDE: axis(dim(2), label("Frequency")) GUIDE: text.title(label("Simple Bar of Fat")) ELEMENT: interval(position(summary.count(bin.rect(Fat))), shape.interior(shape.square)) END GPL. |
| Resources | | | Processor Time | 00:00:00.27 |
| Elapsed Time | 00:00:00.16 |

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**Descriptives**

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| **Notes** |  |  | | |
| Output Created |  | | | 03-JAN-2023 23:08:29 |
| Comments |  | | |  |
| Input | | | Data | D:\analyst\Datafor2022NPBpractical.sav |
| Active Dataset | DataSet1 |
| Filter | <none> |
| Weight | <none> |
| Split File | <none> |
| N of Rows in Working Data File | 32 |
| Missing Value Handling | | | Definition of Missing | User defined missing values are treated as missing. |
| Cases Used | All non-missing data are used. |
| Syntax |  | | | DESCRIPTIVES VARIABLES=BL /STATISTICS=MEAN STDDEV VARIANCE RANGE MIN MAX SEMEAN KURTOSIS SKEWNESS. |
| Resources | | | Processor Time | 00:00:00.02 |
| Elapsed Time | 00:00:00.00 |

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| **Descriptive Statistics** |  |  |  |  |  |  |  | | | | | | | | |
|  | | | | | | | | N | Range | Minimum | Maximum | Mean |  | | Std. Deviation |
| Statistic | Statistic | Statistic | Statistic | Statistic | | Std. Error | Statistic |
| BL | | | | | | | | 32 | 3.14 | 2.65 | 5.79 | 4.5053 | | .11547 | .65322 |
| Valid N (listwise) | | | | | | | | 32 |  |  |  |  | |  |  |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Descriptive Statistics** |  |  |  |  |  | | | | | | | |
|  | | | | | | Variance | Skewness |  | | Kurtosis |  | |
| Statistic | Statistic | | Std. Error | Statistic | | Std. Error |
| BL | | | | | | .427 | -.847 | | .414 | 1.657 | | .809 |
| Valid N (listwise) | | | | | |  |  | |  |  | |  |

**GGraph**

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| **Notes** |  |  | | |
| Output Created |  | | | 03-JAN-2023 23:11:32 |
| Comments |  | | |  |
| Input | | | Data | D:\analyst\Datafor2022NPBpractical.sav |
| Active Dataset | DataSet1 |
| Filter | <none> |
| Weight | <none> |
| Split File | <none> |
| N of Rows in Working Data File | 32 |
| Syntax |  | | | GGRAPH /GRAPHDATASET NAME="graphdataset" VARIABLES=BL MISSING=LISTWISE REPORTMISSING=NO /GRAPHSPEC SOURCE=INLINE. BEGIN GPL GUIDE: axis(dim(1), label("BL")) GUIDE: axis(dim(2), label("Frequency")) GUIDE: text.title(label("Simple Bar of BL")) ELEMENT: interval(position(summary.count(bin.rect(BL))), shape.interior(shape.square)) END GPL. |
| Resources | | | Processor Time | 00:00:00.25 |
| Elapsed Time | 00:00:00.20 |

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**Descriptives**

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| **Notes** |  |  | | |
| Output Created |  | | | 03-JAN-2023 23:54:51 |
| Comments |  | | |  |
| Input | | | Data | D:\analyst\Datafor2022NPBpractical.sav |
| Active Dataset | DataSet1 |
| Filter | <none> |
| Weight | <none> |
| Split File | <none> |
| N of Rows in Working Data File | 32 |
| Missing Value Handling | | | Definition of Missing | User defined missing values are treated as missing. |
| Cases Used | All non-missing data are used. |
| Syntax |  | | | DESCRIPTIVES VARIABLES=iAUC /STATISTICS=MEAN STDDEV VARIANCE RANGE MIN MAX SEMEAN KURTOSIS SKEWNESS. |
| Resources | | | Processor Time | 00:00:00.00 |
| Elapsed Time | 00:00:00.44 |

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| **Descriptive Statistics** |  |  |  |  |  |  |  | | | | | | | | |
|  | | | | | | | | N | Range | Minimum | Maximum | Mean |  | | Std. Deviation |
| Statistic | Statistic | Statistic | Statistic | Statistic | | Std. Error | Statistic |
| iAUC | | | | | | | | 32 | 396.34 | 46.66 | 443.00 | 194.6878 | | 15.60156 | 88.25575 |
| Valid N (listwise) | | | | | | | | 32 |  |  |  |  | |  |  |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Descriptive Statistics** |  |  |  |  |  | | | | | | | |
|  | | | | | | Variance | Skewness |  | | Kurtosis |  | |
| Statistic | Statistic | | Std. Error | Statistic | | Std. Error |
| iAUC | | | | | | 7789.078 | .589 | | .414 | .635 | | .809 |
| Valid N (listwise) | | | | | |  |  | |  |  | |  |

**GGraph**

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| **Notes** |  |  | | |
| Output Created |  | | | 04-JAN-2023 00:00:31 |
| Comments |  | | |  |
| Input | | | Data | D:\analyst\Datafor2022NPBpractical.sav |
| Active Dataset | DataSet1 |
| Filter | <none> |
| Weight | <none> |
| Split File | <none> |
| N of Rows in Working Data File | 32 |
| Syntax |  | | | GGRAPH /GRAPHDATASET NAME="graphdataset" VARIABLES=iAUC MISSING=LISTWISE REPORTMISSING=NO /GRAPHSPEC SOURCE=INLINE. BEGIN GPL GUIDE: axis(dim(1), label("iAUC")) GUIDE: axis(dim(2), label("Frequency")) GUIDE: text.title(label("Simple Line of iAUC")) ELEMENT: line(position(summary.count(bin.rect(iAUC))), missing.wings()) END GPL. |
| Resources | | | Processor Time | 00:00:00.30 |
| Elapsed Time | 00:00:00.26 |

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**Explore**

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| **Notes** |  |  | | |
| Output Created |  | | | 04-JAN-2023 00:04:51 |
| Comments |  | | |  |
| Input | | | Data | D:\analyst\Datafor2022NPBpractical.sav |
| Active Dataset | DataSet1 |
| Filter | <none> |
| Weight | <none> |
| Split File | <none> |
| N of Rows in Working Data File | 32 |
| Missing Value Handling | | | Definition of Missing | User-defined missing values for dependent variables are treated as missing. |
| Cases Used | Statistics are based on cases with no missing values for any dependent variable or factor used. |
| Syntax |  | | | EXAMINE VARIABLES=Age SexCategory Mass BMIcategory Fat BL iAUC /PLOT BOXPLOT STEMLEAF NPPLOT /COMPARE GROUPS /STATISTICS DESCRIPTIVES /CINTERVAL 95 /MISSING LISTWISE /NOTOTAL. |
| Resources | | | Processor Time | 00:00:08.23 |
| Elapsed Time | 00:00:03.58 |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Case Processing Summary** |  |  |  |  |  |  | | | | | | | | | | | | | |
|  | | | | | | | Cases |  |  |  |  |  | | | | | | | |
| Valid |  | | | | | | Missing |  | | Total |  | |
| N | | | | | | Percent | N | | Percent | N | | Percent |
| Age | | | | | | | 32 | | | | | | 100.0% | 0 | | 0.0% | 32 | | 100.0% |
| SexCategory | | | | | | | 32 | | | | | | 100.0% | 0 | | 0.0% | 32 | | 100.0% |
| Mass | | | | | | | 32 | | | | | | 100.0% | 0 | | 0.0% | 32 | | 100.0% |
| BMIcategory | | | | | | | 32 | | | | | | 100.0% | 0 | | 0.0% | 32 | | 100.0% |
| Fat | | | | | | | 32 | | | | | | 100.0% | 0 | | 0.0% | 32 | | 100.0% |
| BL | | | | | | | 32 | | | | | | 100.0% | 0 | | 0.0% | 32 | | 100.0% |
| iAUC | | | | | | | 32 | | | | | | 100.0% | 0 | | 0.0% | 32 | | 100.0% |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Descriptives** |  |  |  |  | | | | | |
|  |  |  | | | | | | Statistic | Std. Error |
| Age | | | | | Mean |  | | 26.5000 | .80322 |
| 95% Confidence Interval for Mean | | Lower Bound | 24.8618 |  |
| Upper Bound | 28.1382 |  |
| 5% Trimmed Mean |  | | 26.2431 |  |
| Median |  | | 25.0000 |  |
| Variance |  | | 20.645 |  |
| Std. Deviation |  | | 4.54369 |  |
| Minimum |  | | 21.00 |  |
| Maximum |  | | 37.00 |  |
| Range |  | | 16.00 |  |
| Interquartile Range |  | | 6.50 |  |
| Skewness |  | | 1.050 | .414 |
| Kurtosis |  | | .106 | .809 |
| SexCategory | | | | | Mean |  | | 1.1875 | .07010 |
| 95% Confidence Interval for Mean | | Lower Bound | 1.0445 |  |
| Upper Bound | 1.3305 |  |
| 5% Trimmed Mean |  | | 1.1528 |  |
| Median |  | | 1.0000 |  |
| Variance |  | | .157 |  |
| Std. Deviation |  | | .39656 |  |
| Minimum |  | | 1.00 |  |
| Maximum |  | | 2.00 |  |
| Range |  | | 1.00 |  |
| Interquartile Range |  | | .00 |  |
| Skewness |  | | 1.681 | .414 |
| Kurtosis |  | | .877 | .809 |
| Mass | | | | | Mean |  | | 62.4562 | 1.94410 |
| 95% Confidence Interval for Mean | | Lower Bound | 58.4912 |  |
| Upper Bound | 66.4213 |  |
| 5% Trimmed Mean |  | | 61.5861 |  |
| Median |  | | 60.0500 |  |
| Variance |  | | 120.945 |  |
| Std. Deviation |  | | 10.99751 |  |
| Minimum |  | | 47.90 |  |
| Maximum |  | | 98.60 |  |
| Range |  | | 50.70 |  |
| Interquartile Range |  | | 14.08 |  |
| Skewness |  | | 1.309 | .414 |
| Kurtosis |  | | 2.436 | .809 |
| BMIcategory | | | | | Mean |  | | 1.3125 | .08325 |
| 95% Confidence Interval for Mean | | Lower Bound | 1.1427 |  |
| Upper Bound | 1.4823 |  |
| 5% Trimmed Mean |  | | 1.2917 |  |
| Median |  | | 1.0000 |  |
| Variance |  | | .222 |  |
| Std. Deviation |  | | .47093 |  |
| Minimum |  | | 1.00 |  |
| Maximum |  | | 2.00 |  |
| Range |  | | 1.00 |  |
| Interquartile Range |  | | 1.00 |  |
| Skewness |  | | .849 | .414 |
| Kurtosis |  | | -1.368 | .809 |
| Fat | | | | | Mean |  | | 29.0563 | 1.23699 |
| 95% Confidence Interval for Mean | | Lower Bound | 26.5334 |  |
| Upper Bound | 31.5791 |  |
| 5% Trimmed Mean |  | | 29.4764 |  |
| Median |  | | 30.2000 |  |
| Variance |  | | 48.964 |  |
| Std. Deviation |  | | 6.99746 |  |
| Minimum |  | | 9.90 |  |
| Maximum |  | | 39.00 |  |
| Range |  | | 29.10 |  |
| Interquartile Range |  | | 9.55 |  |
| Skewness |  | | -.937 | .414 |
| Kurtosis |  | | .451 | .809 |
| BL | | | | | Mean |  | | 4.5053 | .11547 |
| 95% Confidence Interval for Mean | | Lower Bound | 4.2698 |  |
| Upper Bound | 4.7408 |  |
| 5% Trimmed Mean |  | | 4.5345 |  |
| Median |  | | 4.6100 |  |
| Variance |  | | .427 |  |
| Std. Deviation |  | | .65322 |  |
| Minimum |  | | 2.65 |  |
| Maximum |  | | 5.79 |  |
| Range |  | | 3.14 |  |
| Interquartile Range |  | | .65 |  |
| Skewness |  | | -.847 | .414 |
| Kurtosis |  | | 1.657 | .809 |
| iAUC | | | | | Mean |  | | 194.6878 | 15.60156 |
| 95% Confidence Interval for Mean | | Lower Bound | 162.8682 |  |
| Upper Bound | 226.5074 |  |
| 5% Trimmed Mean |  | | 190.9050 |  |
| Median |  | | 184.4000 |  |
| Variance |  | | 7789.078 |  |
| Std. Deviation |  | | 88.25575 |  |
| Minimum |  | | 46.66 |  |
| Maximum |  | | 443.00 |  |
| Range |  | | 396.34 |  |
| Interquartile Range |  | | 110.60 |  |
| Skewness |  | | .589 | .414 |
| Kurtosis |  | | .635 | .809 |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Tests of Normality** |  |  |  |  |  |  | | | | | | | | | | |
|  | | | | | | | Kolmogorov-Smirnova |  |  | | | Shapiro-Wilk |  |  | | |
| Statistic | | | df | Sig. | Statistic | | | df | Sig. |
| Age | | | | | | | .263 | | | 32 | <.001 | .862 | | | 32 | <.001 |
| SexCategory | | | | | | | .494 | | | 32 | <.001 | .478 | | | 32 | <.001 |
| Mass | | | | | | | .129 | | | 32 | .189 | .909 | | | 32 | .010 |
| BMIcategory | | | | | | | .434 | | | 32 | <.001 | .585 | | | 32 | <.001 |
| Fat | | | | | | | .142 | | | 32 | .102 | .930 | | | 32 | .038 |
| BL | | | | | | | .122 | | | 32 | .200\* | .947 | | | 32 | .120 |
| iAUC | | | | | | | .095 | | | 32 | .200\* | .969 | | | 32 | .461 |
| \*. This is a lower bound of the true significance. |  |  |  |  |  |  | | | | | | | | | | |
| a. Lilliefors Significance Correction |  |  |  |  |  |  | | | | | | | | | | |

**Age**

Age Stem-and-Leaf Plot Frequency Stem & Leaf 3.00 2 . 111 5.00 2 . 23333 11.00 2 . 44445555555 4.00 2 . 6666 1.00 2 . 9 3.00 3 . 001 1.00 3 . 3 2.00 3 . 55 2.00 3 . 67 Stem width: 10.00 Each leaf: 1 case(s)

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img.emf

**SexCategory**

SexCategory Stem-and-Leaf Plot Frequency Stem & Leaf 26.00 1 . 00000000000000000000000000 6.00 Extremes (>=2.0) Stem width: 1.00 Each leaf: 1 case(s)

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**Mass**

Mass Stem-and-Leaf Plot Frequency Stem & Leaf 3.00 4 . 788 5.00 5 . 13344 8.00 5 . 55678888 6.00 6 . 122234 3.00 6 . 569 3.00 7 . 123 2.00 7 . 66 1.00 8 . 2 1.00 Extremes (>=99) Stem width: 10.00 Each leaf: 1 case(s)

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**BMIcategory**

BMIcategory Stem-and-Leaf Plot Frequency Stem & Leaf 22.00 1 . 0000000000000000000000 .00 1 . .00 1 . .00 1 . .00 1 . 10.00 2 . 0000000000 Stem width: 1.00 Each leaf: 1 case(s)

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**Fat**

Fat Stem-and-Leaf Plot Frequency Stem & Leaf 1.00 Extremes (=<10) 3.00 1 . 589 4.00 2 . 0124 8.00 2 . 66889999 10.00 3 . 0122333444 6.00 3 . 556679 Stem width: 10.00 Each leaf: 1 case(s)

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**BL**

BL Stem-and-Leaf Plot Frequency Stem & Leaf 2.00 Extremes (=<3.0) 3.00 3 . 688 8.00 4 . 01222334 13.00 4 . 5566667788899 4.00 5 . 0111 2.00 5 . 57 Stem width: 1.00 Each leaf: 1 case(s)

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**iAUC**

iAUC Stem-and-Leaf Plot Frequency Stem & Leaf 1.00 0 . 4 4.00 0 . 6699 5.00 1 . 00334 8.00 1 . 55668888 8.00 2 . 23334444 3.00 2 . 778 2.00 3 . 23 1.00 Extremes (>=443) Stem width: 100.00 Each leaf: 1 case(s)

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**T-Test**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Notes** |  |  | | |
| Output Created |  | | | 04-JAN-2023 00:33:01 |
| Comments |  | | |  |
| Input | | | Data | D:\analyst\Datafor2022NPBpractical.sav |
| Active Dataset | DataSet1 |
| Filter | <none> |
| Weight | <none> |
| Split File | <none> |
| N of Rows in Working Data File | 32 |
| 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=Sex('female' 'male') /MISSING=ANALYSIS /VARIABLES=iAUC /ES DISPLAY(TRUE) /CRITERIA=CI(.95). |
| Resources | | | Processor Time | 00:00:00.00 |
| Elapsed Time | 00:00:00.01 |

|  |
| --- |
| **Warnings** |
| The Independent Samples table is not produced. |
| The Independent Samples Effect Sizes table is not produced. |

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Group Statistics** |  |  |  |  |  | | | | | |
|  | | | | | | Sex | N | Mean | Std. Deviation | Std. Error Mean |
| iAUC | | | | | | f | 0a | . | . | . |
| m | 0a | . | . | . |
| a. t cannot be computed because at least one of the groups is empty. |  |  |  |  |  | | | | | |

**T-Test**

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| **Notes** |  |  | | |
| Output Created |  | | | 04-JAN-2023 00:34:23 |
| Comments |  | | |  |
| Input | | | Data | D:\analyst\Datafor2022NPBpractical.sav |
| Active Dataset | DataSet1 |
| Filter | <none> |
| Weight | <none> |
| Split File | <none> |
| N of Rows in Working Data File | 32 |
| 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=Sex('female' 'male') /MISSING=ANALYSIS /VARIABLES=iAUC /ES DISPLAY(TRUE) /CRITERIA=CI(.95). |
| Resources | | | Processor Time | 00:00:00.00 |
| Elapsed Time | 00:00:00.01 |

|  |
| --- |
| **Warnings** |
| The Independent Samples table is not produced. |
| The Independent Samples Effect Sizes table is not produced. |

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Group Statistics** |  |  |  |  |  | | | | | |
|  | | | | | | Sex | N | Mean | Std. Deviation | Std. Error Mean |
| iAUC | | | | | | f | 0a | . | . | . |
| m | 0a | . | . | . |
| a. t cannot be computed because at least one of the groups is empty. |  |  |  |  |  | | | | | |

**T-Test**

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| --- | --- | --- | --- | --- |
| **Notes** |  |  | | |
| Output Created |  | | | 04-JAN-2023 00:35:54 |
| Comments |  | | |  |
| Input | | | Data | D:\analyst\Datafor2022NPBpractical.sav |
| Active Dataset | DataSet1 |
| Filter | <none> |
| Weight | <none> |
| Split File | <none> |
| N of Rows in Working Data File | 32 |
| 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=SexCategory(1 2) /MISSING=ANALYSIS /VARIABLES=iAUC /ES DISPLAY(TRUE) /CRITERIA=CI(.95). |
| Resources | | | Processor Time | 00:00:00.00 |
| Elapsed Time | 00:00:00.02 |

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Group Statistics** |  |  |  |  |  | | | | | |
|  | | | | | | SexCategory | N | Mean | Std. Deviation | Std. Error Mean |
| iAUC | | | | | | 1.00 | 26 | 211.6054 | 85.24210 | 16.71735 |
| 2.00 | 6 | 121.3783 | 63.43348 | 25.89661 |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Independent Samples Test** |  |  |  |  |  | | | | | | | |
|  |  | | | | | | Levene's Test for Equality of Variances |  | | t-test for Equality of Means |  | |
|  | | | | | | F | | Sig. | t | | df |
|  | | | | | |
| iAUC | | | | | | Equal variances assumed | .743 | | .396 | 2.429 | | 30 |
| Equal variances not assumed |  | |  | 2.927 | | 9.699 |

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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 |
| iAUC | | | | | | Equal variances assumed | .011 | | | | .021 | 90.22705 | 37.14370 |
| Equal variances not assumed | .008 | | | | .016 | 90.22705 | 30.82376 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Independent Samples Test** |  |  |  | | | | |
|  |  | | | | t-test for Equality of Means |  | |
|  | | | | 95% Confidence Interval of the Difference |  | |
|  | | | | Lower | | Upper |
| iAUC | | | | Equal variances assumed | 14.36950 | | 166.08460 |
| Equal variances not assumed | 21.25711 | | 159.19699 |

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Independent Samples Effect Sizes** |  |  |  |  |  | | | | | | |
|  |  | | | | | | Standardizera | Point Estimate | 95% Confidence Interval |  | |
|  | | | | | | Lower | | Upper |
| iAUC | | | | | | Cohen's d | 82.01106 | 1.100 | .162 | | 2.022 |
| Hedges' correction | 84.13511 | 1.072 | .158 | | 1.971 |
| Glass's delta | 63.43348 | 1.422 | .156 | | 2.623 |
| 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**

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| **Notes** |  |  | | |
| Output Created |  | | | 04-JAN-2023 00:38:03 |
| Comments |  | | |  |
| Input | | | Data | D:\analyst\Datafor2022NPBpractical.sav |
| Active Dataset | DataSet1 |
| Filter | <none> |
| Weight | <none> |
| Split File | <none> |
| N of Rows in Working Data File | 32 |
| 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=Sex('F' 'M') /MISSING=ANALYSIS /VARIABLES=iAUC /ES DISPLAY(TRUE) /CRITERIA=CI(.95). |
| Resources | | | Processor Time | 00:00:00.02 |
| Elapsed Time | 00:00:00.01 |

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Group Statistics** |  |  |  |  |  | | | | | |
|  | | | | | | Sex | N | Mean | Std. Deviation | Std. Error Mean |
| iAUC | | | | | | F | 23 | 217.0191 | 86.96850 | 18.13419 |
| M | 6 | 121.3783 | 63.43348 | 25.89661 |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Independent Samples Test** |  |  |  |  |  | | | | | | | |
|  |  | | | | | | Levene's Test for Equality of Variances |  | | t-test for Equality of Means |  | |
|  | | | | | | F | | Sig. | t | | df |
|  | | | | | |
| iAUC | | | | | | Equal variances assumed | .691 | | .413 | 2.510 | | 27 |
| Equal variances not assumed |  | |  | 3.025 | | 10.530 |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Independent Samples Test** |  |  |  |  |  | | | | | | | | |
|  |  | | | | | | t-test for Equality of Means |  |  |  | | | |
|  | | | | | | Significance |  | | | | Mean Difference | Std. Error Difference |
|  | | | | | | One-Sided p | | | | Two-Sided p |
| iAUC | | | | | | Equal variances assumed | .009 | | | | .018 | 95.64080 | 38.10098 |
| Equal variances not assumed | .006 | | | | .012 | 95.64080 | 31.61460 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Independent Samples Test** |  |  |  | | | | |
|  |  | | | | t-test for Equality of Means |  | |
|  | | | | 95% Confidence Interval of the Difference |  | |
|  | | | | Lower | | Upper |
| iAUC | | | | Equal variances assumed | 17.46404 | | 173.81756 |
| Equal variances not assumed | 25.67700 | | 165.60460 |

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Independent Samples Effect Sizes** |  |  |  |  |  | | | | | | |
|  |  | | | | | | Standardizera | Point Estimate | 95% Confidence Interval |  | |
|  | | | | | | Lower | | Upper |
| iAUC | | | | | | Cohen's d | 83.11449 | 1.151 | .192 | | 2.090 |
| Hedges' correction | 85.51589 | 1.118 | .187 | | 2.031 |
| Glass's delta | 63.43348 | 1.508 | .198 | | 2.751 |
| 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**

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| --- | --- | --- | --- | --- |
| **Notes** |  |  | | |
| Output Created |  | | | 04-JAN-2023 00:39:06 |
| Comments |  | | |  |
| Input | | | Data | D:\analyst\Datafor2022NPBpractical.sav |
| Active Dataset | DataSet1 |
| Filter | <none> |
| Weight | <none> |
| Split File | <none> |
| N of Rows in Working Data File | 32 |
| 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=Sex('F' 'M') /MISSING=ANALYSIS /VARIABLES=iAUC /ES DISPLAY(TRUE) /CRITERIA=CI(.95). |
| Resources | | | Processor Time | 00:00:00.00 |
| Elapsed Time | 00:00:00.01 |

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Group Statistics** |  |  |  |  |  | | | | | |
|  | | | | | | Sex | N | Mean | Std. Deviation | Std. Error Mean |
| iAUC | | | | | | F | 26 | 211.6054 | 85.24210 | 16.71735 |
| M | 6 | 121.3783 | 63.43348 | 25.89661 |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Independent Samples Test** |  |  |  |  |  | | | | | | | |
|  |  | | | | | | Levene's Test for Equality of Variances |  | | t-test for Equality of Means |  | |
|  | | | | | | F | | Sig. | t | | df |
|  | | | | | |
| iAUC | | | | | | Equal variances assumed | .743 | | .396 | 2.429 | | 30 |
| Equal variances not assumed |  | |  | 2.927 | | 9.699 |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Independent Samples Test** |  |  |  |  |  | | | | | | | | |
|  |  | | | | | | t-test for Equality of Means |  |  |  | | | |
|  | | | | | | Significance |  | | | | Mean Difference | Std. Error Difference |
|  | | | | | | One-Sided p | | | | Two-Sided p |
| iAUC | | | | | | Equal variances assumed | .011 | | | | .021 | 90.22705 | 37.14370 |
| Equal variances not assumed | .008 | | | | .016 | 90.22705 | 30.82376 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Independent Samples Test** |  |  |  | | | | |
|  |  | | | | t-test for Equality of Means |  | |
|  | | | | 95% Confidence Interval of the Difference |  | |
|  | | | | Lower | | Upper |
| iAUC | | | | Equal variances assumed | 14.36950 | | 166.08460 |
| Equal variances not assumed | 21.25711 | | 159.19699 |

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Independent Samples Effect Sizes** |  |  |  |  |  | | | | | | |
|  |  | | | | | | Standardizera | Point Estimate | 95% Confidence Interval |  | |
|  | | | | | | Lower | | Upper |
| iAUC | | | | | | Cohen's d | 82.01106 | 1.100 | .162 | | 2.022 |
| Hedges' correction | 84.13511 | 1.072 | .158 | | 1.971 |
| Glass's delta | 63.43348 | 1.422 | .156 | | 2.623 |
| 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. |  |  |  |  |  | | | | | | |

**Oneway**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Notes** |  |  | | |
| Output Created |  | | | 04-JAN-2023 00:46:19 |
| Comments |  | | |  |
| Input | | | Data | D:\analyst\Datafor2022NPBpractical.sav |
| Active Dataset | DataSet1 |
| Filter | <none> |
| Weight | <none> |
| Split File | <none> |
| N of Rows in Working Data File | 32 |
| Missing Value Handling | | | Definition of Missing | User-defined missing values are treated as missing. |
| Cases Used | Statistics for each analysis are based on cases with no missing data for any variable in the analysis. |
| Syntax |  | | | ONEWAY iAUC BY IPACnumber /ES=OVERALL /MISSING ANALYSIS /CRITERIA=CILEVEL(0.95) /POSTHOC=TUKEY ALPHA(0.05). |
| Resources | | | Processor Time | 00:00:00.00 |
| Elapsed Time | 00:00:00.02 |

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **ANOVA** |  |  |  |  |  | | | | | |
| iAUC |  |  |  |  |  | | | | | |
|  | | | | | | Sum of Squares | df | Mean Square | F | Sig. |
| Between Groups | | | | | | 62906.722 | 2 | 31453.361 | 5.109 | .013 |
| Within Groups | | | | | | 178554.698 | 29 | 6157.059 |  |  |
| Total | | | | | | 241461.419 | 31 |  |  |  |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **ANOVA Effect Sizes**a,b |  |  |  |  | | | | | |
|  |  | | | | | Point Estimate | 95% Confidence Interval |  | |
|  | | | | | Lower | | Upper |
| iAUC | | | | | Eta-squared | .261 | .014 | | .456 |
| Epsilon-squared | .210 | -.054 | | .418 |
| Omega-squared Fixed-effect | .204 | -.052 | | .411 |
| Omega-squared Random-effect | .114 | -.025 | | .258 |
| a. Eta-squared and Epsilon-squared are estimated based on the fixed-effect model. |  |  |  |  | | | | | |
| b. Negative but less biased estimates are retained, not rounded to zero. |  |  |  |  | | | | | |

**Post Hoc Tests**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Multiple Comparisons** |  |  |  |  |  |  | | | | | | | |
| Dependent Variable: iAUC |  |  |  |  |  |  | | | | | | | |
| Tukey HSD |  |  |  |  |  |  | | | | | | | |
| (I) IPACnumber | | | | | | | (J) IPACnumber | Mean Difference (I-J) | Std. Error | Sig. | 95% Confidence Interval |  | |
| Lower Bound | | Upper Bound |
| 1.00 | | | | | | | 2.00 | 19.99500 | 35.55835 | .841 | -67.8216 | | 107.8116 |
| 3.00 | 110.98556\* | 39.54361 | .023 | 13.3268 | | 208.6443 |
| 2.00 | | | | | | | 1.00 | -19.99500 | 35.55835 | .841 | -107.8116 | | 67.8216 |
| 3.00 | 90.99056\* | 32.69455 | .025 | 10.2465 | | 171.7346 |
| 3.00 | | | | | | | 1.00 | -110.98556\* | 39.54361 | .023 | -208.6443 | | -13.3268 |
| 2.00 | -90.99056\* | 32.69455 | .025 | -171.7346 | | -10.2465 |
| \*. The mean difference is significant at the 0.05 level. |  |  |  |  |  |  | | | | | | | |

**Homogeneous Subsets**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **iAUC** |  |  |  | | | | |
| Tukey HSDa,b |  |  |  | | | | |
| IPACnumber | | | | N | Subset for alpha = 0.05 |  | |
| 1 | | 2 |
| 3.00 | | | | 9 | 124.9144 | |  |
| 2.00 | | | | 16 |  | | 215.9050 |
| 1.00 | | | | 7 |  | | 235.9000 |
| Sig. | | | |  | 1.000 | | .845 |
| Means for groups in homogeneous subsets are displayed. |  |  |  | | | | |
| a. Uses Harmonic Mean Sample Size = 9.480. |  |  |  | | | | |
| b. The group sizes are unequal. The harmonic mean of the group sizes is used. Type I error levels are not guaranteed. |  |  |  | | | | |