**GGraph**

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| **Notes** |  |  |
| Output Created |  | 19-JUN-2023 22:23:03 |
| Comments |  |  |
| Input | Data | E:\git\talks\clinical-statistics\titanic.sav |
| Active Dataset | DataSet1 |
| Filter | <none> |
| Weight | <none> |
| Split File | <none> |
| N of Rows in Working Data File | 1313 |
| Syntax |  | GGRAPH /GRAPHDATASET NAME="graphdataset" VARIABLES=Survived MEAN(Age)[name="MEAN\_Age" LEVEL=SCALE] MISSING=LISTWISE REPORTMISSING=NO /GRAPHSPEC SOURCE=INLINE. BEGIN GPL GUIDE: axis(dim(1), label("Survived")) GUIDE: axis(dim(2), label("Mean Age")) GUIDE: text.title(label("Simple Bar Mean of Age by Survived")) SCALE: cat(dim(1), include("0", "1")) SCALE: linear(dim(2), include(0)) ELEMENT: interval(position(Survived\*MEAN\_Age), shape.interior(shape.square)) END GPL. |
| Resources | Processor Time | 00:00:00.13 |
| Elapsed Time | 00:00:00.09 |

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**GGraph**

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| **Notes** |  |  |
| Output Created |  | 19-JUN-2023 22:24:10 |
| Comments |  |  |
| Input | Data | E:\git\talks\clinical-statistics\titanic.sav |
| Active Dataset | DataSet1 |
| Filter | <none> |
| Weight | <none> |
| Split File | <none> |
| N of Rows in Working Data File | 1313 |
| Syntax |  | GGRAPH /GRAPHDATASET NAME="graphdataset" VARIABLES=Survived MEANSD(Age, 1)[name="MEAN\_Age" LOW="MEAN\_Age\_LOW" HIGH="MEAN\_Age\_HIGH"] MISSING=LISTWISE REPORTMISSING=NO /GRAPHSPEC SOURCE=INLINE. BEGIN GPL DATA: LOW=col(source(s), name("MEAN\_Age\_LOW")) DATA: HIGH=col(source(s), name("MEAN\_Age\_HIGH")) GUIDE: axis(dim(1), label("Survived")) GUIDE: axis(dim(2), label("Mean Age")) GUIDE: text.title(label("Simple Bar Mean of Age by Survived")) GUIDE: text.footnote(label("Error Bars: +/- 1 SD")) SCALE: cat(dim(1), include("0", "1")) SCALE: linear(dim(2), include(0)) ELEMENT: interval(position(Survived\*MEAN\_Age), shape.interior(shape.square)) ELEMENT: interval(position(region.spread.range(Survived\*(LOW+HIGH))), shape.interior(shape.ibeam)) END GPL. |
| Resources | Processor Time | 00:00:00.13 |
| Elapsed Time | 00:00:00.09 |

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**GGraph**

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| **Notes** |  |  |
| Output Created |  | 19-JUN-2023 22:26:28 |
| Comments |  |  |
| Input | Data | E:\git\talks\clinical-statistics\titanic.sav |
| Active Dataset | DataSet1 |
| Filter | <none> |
| Weight | <none> |
| Split File | <none> |
| N of Rows in Working Data File | 1313 |
| Syntax |  | GGRAPH /GRAPHDATASET NAME="graphdataset" VARIABLES=Survived Age[LEVEL=SCALE] MISSING=LISTWISE REPORTMISSING=NO /GRAPHSPEC SOURCE=INLINE. BEGIN GPL DATA: id=col(source(s), name("$CASENUM"), unit.category()) GUIDE: axis(dim(1), label("Survived")) GUIDE: axis(dim(2), label("Age")) GUIDE: text.title(label("Simple Boxplot of Age by Survived")) SCALE: cat(dim(1), include("0", "1")) SCALE: linear(dim(2), include(0)) ELEMENT: schema(position(bin.quantile.letter(Survived\*Age)), label(id)) END GPL. |
| Resources | Processor Time | 00:00:00.09 |
| Elapsed Time | 00:00:00.09 |

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**GGraph**

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| **Notes** |  |  |
| Output Created |  | 19-JUN-2023 22:32:15 |
| Comments |  |  |
| Input | Data | E:\git\talks\clinical-statistics\titanic.sav |
| Active Dataset | DataSet1 |
| Filter | <none> |
| Weight | <none> |
| Split File | Survived |
| N of Rows in Working Data File | 1313 |
| Syntax |  | GGRAPH /GRAPHDATASET NAME="graphdataset" VARIABLES=Age[LEVEL=SCALE] 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 Histogram of Age")) ELEMENT: interval(position(summary.count(bin.rect(Age))), shape.interior(shape.square)) END GPL. |
| Resources | Processor Time | 00:00:00.09 |
| Elapsed Time | 00:00:00.09 |

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**GGraph**

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| **Notes** |  |  |
| Output Created |  | 19-JUN-2023 22:35:23 |
| Comments |  |  |
| Input | Data | E:\git\talks\clinical-statistics\titanic.sav |
| Active Dataset | DataSet1 |
| Filter | <none> |
| Weight | <none> |
| Split File | <none> |
| N of Rows in Working Data File | 1313 |
| Syntax |  | GGRAPH /GRAPHDATASET NAME="graphdataset" VARIABLES=Survived Age[LEVEL=SCALE] MISSING=LISTWISE REPORTMISSING=NO /GRAPHSPEC SOURCE=INLINE /FITLINE TOTAL=NO SUBGROUP=NO. BEGIN GPL GUIDE: axis(dim(1), label("Survived")) GUIDE: axis(dim(2), label("Age")) GUIDE: text.title(label("Scatter Plot of Age by Survived")) SCALE: cat(dim(1), include("0", "1")) SCALE: linear(dim(2), include(0)) ELEMENT: point(position(Survived\*Age)) END GPL. |
| Resources | Processor Time | 00:00:00.11 |
| Elapsed Time | 00:00:00.08 |

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**GGraph**

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| **Notes** |  |  |
| Output Created |  | 19-JUN-2023 23:11:26 |
| Comments |  |  |
| Input | Data | E:\git\talks\clinical-statistics\titanic.sav |
| Active Dataset | DataSet1 |
| Filter | <none> |
| Weight | <none> |
| Split File | <none> |
| N of Rows in Working Data File | 1313 |
| Syntax |  | GGRAPH /GRAPHDATASET NAME="graphdataset" VARIABLES=Jittered\_survived Age[LEVEL=SCALE] MISSING=LISTWISE REPORTMISSING=NO /GRAPHSPEC SOURCE=INLINE /FITLINE TOTAL=NO SUBGROUP=NO. BEGIN GPL GUIDE: axis(dim(1), label("Jittered\_survived")) GUIDE: axis(dim(2), label("Age")) GUIDE: text.title(label("Scatter Plot of Age by Jittered\_survived")) ELEMENT: point(position(Jittered\_survived\*Age)) END GPL. |
| Resources | Processor Time | 00:00:00.08 |
| Elapsed Time | 00:00:00.10 |

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**GGraph**

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| **Notes** |  |  |
| Output Created |  | 19-JUN-2023 23:18:43 |
| Comments |  |  |
| Input | Data | E:\git\talks\clinical-statistics\titanic.sav |
| Active Dataset | DataSet1 |
| Filter | <none> |
| Weight | <none> |
| Split File | <none> |
| N of Rows in Working Data File | 1313 |
| Syntax |  | GGRAPH /GRAPHDATASET NAME="graphdataset" VARIABLES=Survived Age[LEVEL=SCALE] PClass MISSING=LISTWISE REPORTMISSING=NO /GRAPHSPEC SOURCE=INLINE. BEGIN GPL DATA: id=col(source(s), name("$CASENUM"), unit.category()) COORD: rect(dim(1,2), cluster(3,0)) GUIDE: axis(dim(3), label("Survived")) GUIDE: axis(dim(2), label("Age")) GUIDE: legend(aesthetic(aesthetic.color), label("PClass")) GUIDE: text.title(label("Clustered Boxplot of Age by Survived by PClass")) SCALE: cat(dim(3), include("0", "1")) SCALE: linear(dim(2), include(0)) ELEMENT: schema(position(bin.quantile.letter(PClass\*Age\*Survived)), color(PClass), label(id)) END GPL. |
| Resources | Processor Time | 00:00:00.13 |
| Elapsed Time | 00:00:00.09 |

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**GGraph**

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| **Notes** |  |  |
| Output Created |  | 19-JUN-2023 23:20:24 |
| Comments |  |  |
| Input | Data | E:\git\talks\clinical-statistics\titanic.sav |
| Active Dataset | DataSet1 |
| Filter | <none> |
| Weight | <none> |
| Split File | <none> |
| N of Rows in Working Data File | 1313 |
| Syntax |  | GGRAPH /GRAPHDATASET NAME="graphdataset" VARIABLES=PClass Age[LEVEL=SCALE] Survived MISSING=LISTWISE REPORTMISSING=NO /GRAPHSPEC SOURCE=INLINE. BEGIN GPL DATA: id=col(source(s), name("$CASENUM"), unit.category()) COORD: rect(dim(1,2), cluster(3,0)) GUIDE: axis(dim(3), label("PClass")) GUIDE: axis(dim(2), label("Age")) GUIDE: legend(aesthetic(aesthetic.color), label("Survived")) GUIDE: text.title(label("Clustered Boxplot of Age by PClass by Survived")) SCALE: linear(dim(2), include(0)) SCALE: cat(aesthetic(aesthetic.color), include("0", "1")) SCALE: cat(dim(1), include("0", "1")) ELEMENT: schema(position(bin.quantile.letter(Survived\*Age\*PClass)), color(Survived), label(id)) END GPL. |
| Resources | Processor Time | 00:00:00.11 |
| Elapsed Time | 00:00:00.09 |

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