

```

GET
  FILE='G:\projects\pspp\test1.sav'.
DATASET NAME DataSet1 WINDOW=FRONT.
DATASET ACTIVATE DataSet1.
GRAPH
  /SCATTERPLOT(BIVAR)=x WITH y BY z BY id (IDENTIFY)
  /MISSING=LISTWISE.

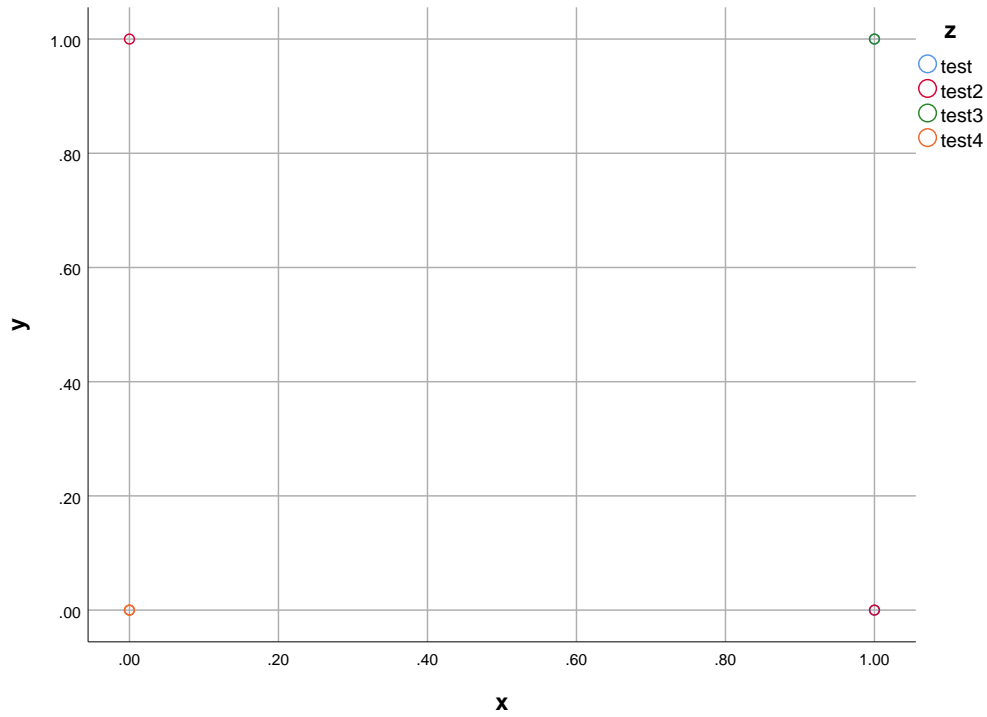
```

Graph

Notes

| | | |
|----------------|--------------------------------|--|
| Output Created | | 18-NOV-2019 07:37:49 |
| Comments | | |
| Input | Data | G:\projects\pspp\test1.sav |
| | Active Dataset | DataSet1 |
| | Filter | <none> |
| | Weight | <none> |
| | Split File | <none> |
| | N of Rows in Working Data File | 7 |
| Syntax | | GRAPH /SCATTERPLOT(BIVAR) =x WITH y BY z BY id (IDENTIFY) /MISSING=LISTWISE. |
| Resources | Processor Time | 00:00:01.72 |
| | Elapsed Time | 00:00:01.25 |

[DataSet1] G:\projects\pspp\test1.sav



```
FREQUENCIES VARIABLES=id x y z  
/ORDER=ANALYSIS.
```

Frequencies

Notes

| | | |
|------------------------|--------------------------------|---|
| Output Created | | 18-NOV-2019 07:38:08 |
| Comments | | |
| Input | Data | G:\projects\pspp\test1.sav |
| | Active Dataset | DataSet1 |
| | Filter | <none> |
| | Weight | <none> |
| | Split File | <none> |
| | N of Rows in Working Data File | 7 |
| Missing Value Handling | Definition of Missing | User-defined missing values are treated as missing. |
| | Cases Used | Statistics are based on all cases with valid data. |
| Syntax | | FREQUENCIES VARIABLES=id x y z /ORDER=ANALYSIS. |
| Resources | Processor Time | 00:00:00.02 |
| | Elapsed Time | 00:00:00.01 |

Statistics

| | | id | x | y | z |
|---|---------|----|---|---|---|
| N | Valid | 7 | 7 | 7 | 7 |
| | Missing | 0 | 0 | 0 | 0 |

Frequency Table

| | | id | | | |
|-------|-------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | 1.00 | 1 | 14.3 | 14.3 | 14.3 |
| | 2.00 | 1 | 14.3 | 14.3 | 28.6 |
| | 3.00 | 1 | 14.3 | 14.3 | 42.9 |
| | 4.00 | 1 | 14.3 | 14.3 | 57.1 |
| | 5.00 | 1 | 14.3 | 14.3 | 71.4 |
| | 6.00 | 1 | 14.3 | 14.3 | 85.7 |
| | 7.00 | 1 | 14.3 | 14.3 | 100.0 |
| | Total | 7 | 100.0 | 100.0 | |

x

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|-------|-----------|---------|---------------|--------------------|
| Valid | .00 | 3 | 42.9 | 42.9 | 42.9 |
| | 1.00 | 4 | 57.1 | 57.1 | 100.0 |
| | Total | 7 | 100.0 | 100.0 | |

y

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|-------|-----------|---------|---------------|--------------------|
| Valid | .00 | 4 | 57.1 | 57.1 | 57.1 |
| | 1.00 | 3 | 42.9 | 42.9 | 100.0 |
| | Total | 7 | 100.0 | 100.0 | |

z

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|-------|-----------|---------|---------------|--------------------|
| Valid | test | 2 | 28.6 | 28.6 | 28.6 |
| | test2 | 2 | 28.6 | 28.6 | 57.1 |
| | test3 | 1 | 14.3 | 14.3 | 71.4 |
| | test4 | 2 | 28.6 | 28.6 | 100.0 |
| | Total | 7 | 100.0 | 100.0 | |

```
EXAMINE VARIABLES=x BY y
  /ID=z
  /PLOT BOXPLOT STEMLEAF
  /COMPARE GROUPS
  /STATISTICS DESCRIPTIVES
  /CINTERVAL 95
  /MISSING LISTWISE
  /NOTOTAL.
```

Explore

Notes

| | | |
|------------------------|--------------------------------|---|
| Output Created | | 18-NOV-2019 07:38:27 |
| Comments | | |
| Input | Data | G:\projects\pspp\test1.sav |
| | Active Dataset | DataSet1 |
| | Filter | <none> |
| | Weight | <none> |
| | Split File | <none> |
| | N of Rows in Working Data File | 7 |
| 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=x BY y /ID=z /PLOT BOXPLOT STEMLEAF /COMPARE GROUPS /STATISTICS DESCRIPTIVES /INTERVAL 95 /MISSING LISTWISE /NOTOTAL. |
| Resources | Processor Time | 00:00:00.45 |
| | Elapsed Time | 00:00:00.23 |

y

Case Processing Summary

| | | Valid | | Cases Missing | | Total | |
|---|------|-------|---------|---------------|---------|-------|---------|
| | y | N | Percent | N | Percent | N | Percent |
| x | .00 | 4 | 100.0% | 0 | 0.0% | 4 | 100.0% |
| | 1.00 | 3 | 100.0% | 0 | 0.0% | 3 | 100.0% |

Descriptives

| y | | Statistic | | Std. Error |
|---|------|----------------------------------|-------------|------------|
| x | .00 | Mean | .5000 | .28868 |
| | | 95% Confidence Interval for Mean | Lower Bound | -.4187 |
| | | | Upper Bound | 1.4187 |
| | | 5% Trimmed Mean | .5000 | |
| | | Median | .5000 | |
| | | Variance | .333 | |
| | | Std. Deviation | .57735 | |
| | | Minimum | .00 | |
| | | Maximum | 1.00 | |
| | | Range | 1.00 | |
| | | Interquartile Range | 1.00 | |
| | | Skewness | .000 | 1.014 |
| | | Kurtosis | -6.000 | 2.619 |
| | 1.00 | Mean | .6667 | .33333 |
| | | 95% Confidence Interval for Mean | Lower Bound | -.7676 |
| | | | Upper Bound | 2.1009 |
| | | 5% Trimmed Mean | . | |
| | | Median | 1.0000 | |
| | | Variance | .333 | |
| | | Std. Deviation | .57735 | |
| | | Minimum | .00 | |
| | | Maximum | 1.00 | |
| | | Range | 1.00 | |
| | | Interquartile Range | . | |
| | | Skewness | -1.732 | 1.225 |
| | | Kurtosis | . | . |

x

Stem-and-Leaf Plots

x Stem-and-Leaf Plot for
y= .00

| | | |
|-----------|--------|------|
| Frequency | Stem & | Leaf |
| 2.00 | 0 . | 00 |

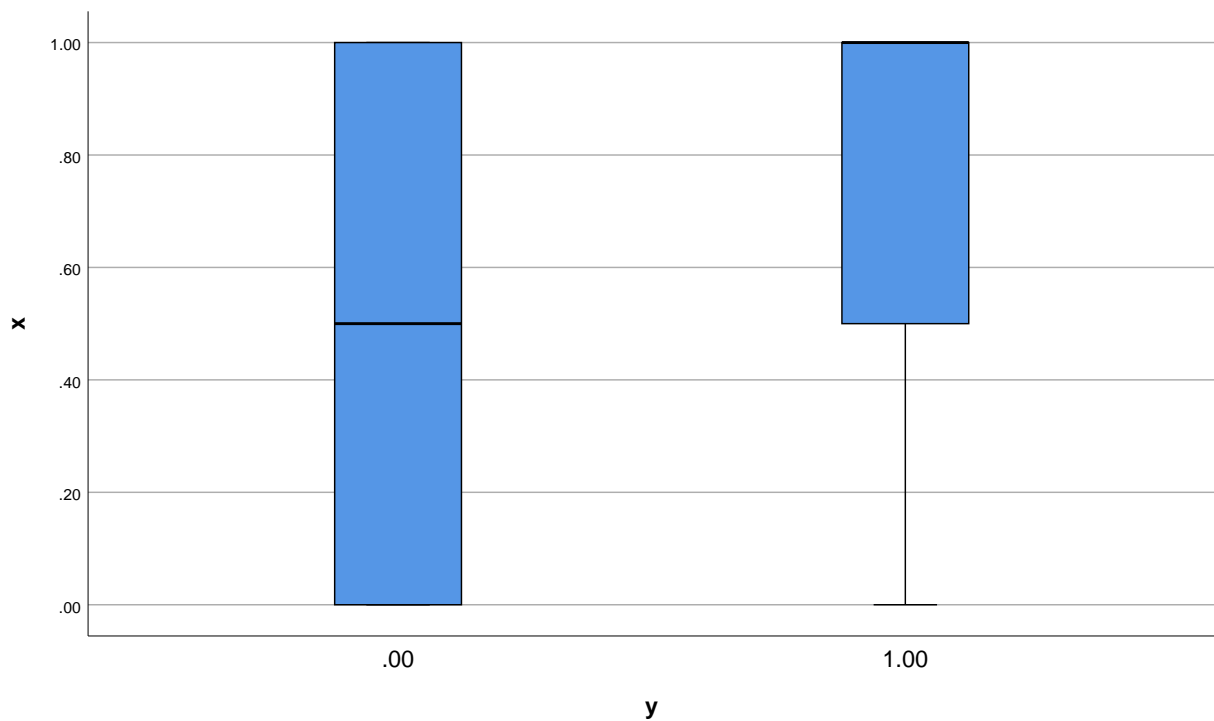
| | |
|------|--------|
| .00 | 0 . |
| 2.00 | 1 . 00 |

Stem width: 1.00
Each leaf: 1 case(s)

x Stem-and-Leaf Plot for
y= 1.00

| Frequency | Stem & Leaf |
|-----------|-------------|
| 1.00 | 0 . 0 |
| 2.00 | 1 . 00 |

Stem width: 1.00
Each leaf: 1 case(s)



UNIANOVA x BY y

```

/METHOD=SSTYPE(3)
/INTERCEPT=INCLUDE
/CRITERIA=ALPHA(0.05)
/DESIGN=y.

```

Univariate Analysis of Variance

Notes

| | | |
|------------------------|--------------------------------|--|
| Output Created | | 18-NOV-2019 07:39:08 |
| Comments | | |
| Input | Data | G:\projects\pspp\test1.sav |
| | Active Dataset | DataSet1 |
| | Filter | <none> |
| | Weight | <none> |
| | Split File | <none> |
| | N of Rows in Working Data File | 7 |
| Missing Value Handling | Definition of Missing | User-defined missing values are treated as missing. |
| | Cases Used | Statistics are based on all cases with valid data for all variables in the model. |
| Syntax | | UNIANOVA x BY y /METHOD=SSTYPE(3) /INTERCEPT=INCLUDE /CRITERIA=ALPHA (0.05)... |
| Resources | Processor Time | 00:00:00.00 |
| | Elapsed Time | 00:00:00.08 |

Between-Subjects Factors

| | | N |
|---|------|---|
| y | .00 | 4 |
| | 1.00 | 3 |

Tests of Between-Subjects Effects

Dependent Variable: x

| Source | Type III Sum of Squares | df | Mean Square | F | Sig. |
|-----------------|-------------------------|----|-------------|-------|------|
| Corrected Model | .048 ^a | 1 | .048 | .143 | .721 |
| Intercept | 2.333 | 1 | 2.333 | 7.000 | .046 |
| y | .048 | 1 | .048 | .143 | .721 |
| Error | 1.667 | 5 | .333 | | |
| Total | 4.000 | 7 | | | |
| Corrected Total | 1.714 | 6 | | | |

a. R Squared = .028 (Adjusted R Squared = -.167)