

```

EXAMINE VARIABLES=Dimensão_Financeira2 Dimensão_Não_Financeira2 BY DO_CLU5_1
/PLOT BOXPLOT STEMLEAF NPLOT
/COMPARE GROUPS
/MESTIMATORS HUBER(1.339) ANDREW(1.34) HAMPEL(1.7,3.4,8.5) TUKEY(4.685)
/STATISTICS DESCRIPTIVES EXTREME
/CINTERVAL 95
/MISSING LISTWISE
/NOTOTAL.

```

## Explore

[DataSet1] C:\Documents and Settings\Pedro\Desktop\Passadas\_servidor\Final\_Base\_Original\_vf.sav

## D\_Cluster\_Des\_5

Case Processing Summary

| D_Cluster_Des_5       |   | Cases |         |         |         |
|-----------------------|---|-------|---------|---------|---------|
|                       |   | Valid |         | Missing |         |
|                       |   | N     | Percent | N       | Percent |
| score_financeira2     | 1 | 76    | 100,0%  | 0       | ,0%     |
|                       | 2 | 53    | 100,0%  | 0       | ,0%     |
|                       | 3 | 35    | 100,0%  | 0       | ,0%     |
|                       | 4 | 23    | 100,0%  | 0       | ,0%     |
|                       | 5 | 21    | 100,0%  | 0       | ,0%     |
| score_não_financeira2 | 1 | 76    | 100,0%  | 0       | ,0%     |
|                       | 2 | 53    | 100,0%  | 0       | ,0%     |
|                       | 3 | 35    | 100,0%  | 0       | ,0%     |
|                       | 4 | 23    | 100,0%  | 0       | ,0%     |
|                       | 5 | 21    | 100,0%  | 0       | ,0%     |

Case Processing Summary

| D_Cluster_Des_5       |   | Cases |         |
|-----------------------|---|-------|---------|
|                       |   | Total |         |
|                       |   | N     | Percent |
| score_financeira2     | 1 | 76    | 100,0%  |
|                       | 2 | 53    | 100,0%  |
|                       | 3 | 35    | 100,0%  |
|                       | 4 | 23    | 100,0%  |
|                       | 5 | 21    | 100,0%  |
| score_não_financeira2 | 1 | 76    | 100,0%  |
|                       | 2 | 53    | 100,0%  |
|                       | 3 | 35    | 100,0%  |
|                       | 4 | 23    | 100,0%  |
|                       | 5 | 21    | 100,0%  |

### Descriptives

| D_Cluster_Des_5   |   |                                     |             | Statistic |
|-------------------|---|-------------------------------------|-------------|-----------|
| score_financeira2 | 1 | Mean                                |             | ,01541    |
|                   |   | 95% Confidence Interval<br>for Mean | Lower Bound | -,06163   |
|                   |   |                                     | Upper Bound | ,09244    |
|                   |   | 5% Trimmed Mean                     |             | ,01878    |
|                   |   | Median                              |             | -,01481   |
|                   |   | Variance                            |             | ,114      |
|                   |   | Std. Deviation                      |             | ,337101   |
|                   |   | Minimum                             |             | -,905     |
|                   |   | Maximum                             |             | 1,020     |
|                   |   | Range                               |             | 1,925     |
|                   |   | Interquartile Range                 |             | ,452      |
|                   |   | Skewness                            |             | -,048     |
|                   |   | Kurtosis                            |             | ,446      |
|                   |   |                                     |             |           |
|                   | 2 | Mean                                |             | 1,28285   |
|                   |   | 95% Confidence Interval<br>for Mean | Lower Bound | 1,15482   |
|                   |   |                                     | Upper Bound | 1,41087   |
|                   |   | 5% Trimmed Mean                     |             | 1,28205   |
|                   |   | Median                              |             | 1,15145   |
|                   |   | Variance                            |             | ,216      |
|                   |   | Std. Deviation                      |             | ,464480   |
|                   |   | Minimum                             |             | ,561      |
|                   |   | Maximum                             |             | 1,960     |
|                   |   | Range                               |             | 1,399     |
|                   |   | Interquartile Range                 |             | 1,000     |
|                   |   | Skewness                            |             | ,356      |
|                   |   | Kurtosis                            |             | -1,324    |
|                   |   |                                     |             |           |
|                   |   |                                     |             |           |
|                   | 3 | Mean                                |             | -,34112   |
|                   |   | 95% Confidence Interval<br>for Mean | Lower Bound | -,49075   |
|                   |   |                                     | Upper Bound | -,19149   |
|                   |   |                                     |             |           |

### Descriptives

| D_Cluster_Des_5   |   |                                  |             | Std. Error |
|-------------------|---|----------------------------------|-------------|------------|
| score_financeira2 | 1 | Mean                             |             | ,038668    |
|                   |   | 95% Confidence Interval for Mean | Lower Bound |            |
|                   |   |                                  | Upper Bound |            |
|                   |   | 5% Trimmed Mean                  |             |            |
|                   |   | Median                           |             |            |
|                   |   | Variance                         |             |            |
|                   |   | Std. Deviation                   |             |            |
|                   |   | Minimum                          |             |            |
|                   |   | Maximum                          |             |            |
|                   |   | Range                            |             |            |
|                   |   | Interquartile Range              |             |            |
|                   |   | Skewness                         |             |            |
|                   |   | Kurtosis                         |             |            |
|                   |   |                                  |             | ,276       |
|                   |   |                                  |             | ,545       |
|                   | 2 | Mean                             |             | ,063801    |
|                   |   | 95% Confidence Interval for Mean | Lower Bound |            |
|                   |   |                                  | Upper Bound |            |
|                   |   | 5% Trimmed Mean                  |             |            |
|                   |   | Median                           |             |            |
|                   |   | Variance                         |             |            |
|                   |   | Std. Deviation                   |             |            |
|                   |   | Minimum                          |             |            |
|                   |   | Maximum                          |             |            |
|                   |   | Range                            |             |            |
|                   |   | Interquartile Range              |             |            |
|                   |   | Skewness                         |             |            |
|                   |   | Kurtosis                         |             |            |
|                   |   |                                  |             | ,327       |
|                   |   |                                  |             | ,644       |
|                   | 3 | Mean                             |             | ,073629    |
|                   |   | 95% Confidence Interval for Mean | Lower Bound |            |
|                   |   |                                  | Upper Bound |            |
|                   |   |                                  |             |            |

### Descriptives

| D_Cluster_Des_5   |   |                                     |             | Statistic |
|-------------------|---|-------------------------------------|-------------|-----------|
| score_financeira2 | 3 | 5% Trimmed Mean                     |             | -,33790   |
|                   |   | Median                              |             | -,40567   |
|                   |   | Variance                            |             | ,190      |
|                   |   | Std. Deviation                      |             | ,435597   |
|                   |   | Minimum                             |             | -1,231    |
|                   |   | Maximum                             |             | ,567      |
|                   |   | Range                               |             | 1,798     |
|                   |   | Interquartile Range                 |             | ,601      |
|                   |   | Skewness                            |             | ,217      |
|                   |   | Kurtosis                            |             | -,215     |
|                   | 4 | Mean                                |             | -,95528   |
|                   |   | 95% Confidence Interval<br>for Mean | Lower Bound | -1,14548  |
|                   |   |                                     | Upper Bound | -,76508   |
|                   |   | 5% Trimmed Mean                     |             | -,94172   |
|                   |   | Median                              |             | -,89228   |
|                   |   | Variance                            |             | ,193      |
|                   |   | Std. Deviation                      |             | ,439847   |
|                   |   | Minimum                             |             | -1,881    |
|                   |   | Maximum                             |             | -,289     |
|                   |   | Range                               |             | 1,592     |
|                   | 5 | Mean                                |             | -1,67862  |
|                   |   | 95% Confidence Interval<br>for Mean | Lower Bound | -1,92952  |
|                   |   |                                     | Upper Bound | -1,42772  |
|                   |   | 5% Trimmed Mean                     |             | -1,66305  |
|                   |   | Median                              |             | -1,58142  |
|                   |   | Variance                            |             | ,304      |
|                   |   | Std. Deviation                      |             | ,551193   |
|                   |   | Minimum                             |             | -2,610    |
|                   |   | Maximum                             |             | -1,027    |
|                   |   | Range                               |             | 1,584     |
|                   |   | Interquartile Range                 |             | 1,125     |
|                   |   | Skewness                            |             | -,417     |

### Descriptives

| D_Cluster_Des_5   |   |                                  | Std. Error                 |
|-------------------|---|----------------------------------|----------------------------|
| score_financeira2 | 3 | 5% Trimmed Mean                  |                            |
|                   |   | Median                           |                            |
|                   |   | Variance                         |                            |
|                   |   | Std. Deviation                   |                            |
|                   |   | Minimum                          |                            |
|                   |   | Maximum                          |                            |
|                   |   | Range                            |                            |
|                   |   | Interquartile Range              |                            |
|                   |   | Skewness                         | ,398                       |
|                   |   | Kurtosis                         | ,778                       |
|                   | 4 | Mean                             | ,091714                    |
|                   |   | 95% Confidence Interval for Mean | Lower Bound<br>Upper Bound |
|                   |   | 5% Trimmed Mean                  |                            |
|                   |   | Median                           |                            |
|                   |   | Variance                         |                            |
|                   |   | Std. Deviation                   |                            |
|                   |   | Minimum                          |                            |
|                   |   | Maximum                          |                            |
|                   |   | Range                            |                            |
|                   |   | Interquartile Range              |                            |
|                   |   | Skewness                         | ,481                       |
|                   |   | Kurtosis                         | ,935                       |
|                   | 5 | Mean                             | ,120280                    |
|                   |   | 95% Confidence Interval for Mean | Lower Bound<br>Upper Bound |
|                   |   | 5% Trimmed Mean                  |                            |
|                   |   | Median                           |                            |
|                   |   | Variance                         |                            |
|                   |   | Std. Deviation                   |                            |
|                   |   | Minimum                          |                            |
|                   |   | Maximum                          |                            |
|                   |   | Range                            |                            |
|                   |   | Interquartile Range              |                            |
|                   |   | Skewness                         | ,501                       |

### Descriptives

| D_Cluster_Des_5       |                                     |                                     |             | Statistic |
|-----------------------|-------------------------------------|-------------------------------------|-------------|-----------|
| score_financeira2     | 5                                   | Kurtosis                            |             | -1,197    |
| score_não_financeira2 | 1                                   | Mean                                |             | ,41677    |
|                       |                                     | 95% Confidence Interval<br>for Mean | Lower Bound | ,22801    |
|                       |                                     |                                     | Upper Bound | ,60552    |
|                       |                                     | 5% Trimmed Mean                     |             | ,40334    |
|                       |                                     | Median                              |             | ,37218    |
|                       |                                     | Variance                            |             | ,682      |
|                       |                                     | Std. Deviation                      |             | ,826032   |
|                       |                                     | Minimum                             |             | -1,223    |
|                       |                                     | Maximum                             |             | 2,493     |
|                       |                                     | Range                               |             | 3,716     |
|                       |                                     | Interquartile Range                 |             | 1,189     |
|                       |                                     | Skewness                            |             | ,186      |
|                       |                                     | Kurtosis                            |             | -,196     |
|                       |                                     | 2                                   | Mean        |           |
|                       | 95% Confidence Interval<br>for Mean |                                     | Lower Bound | -,11405   |
|                       |                                     |                                     | Upper Bound | ,17033    |
|                       | 5% Trimmed Mean                     |                                     | ,02376      |           |
|                       | Median                              |                                     | ,02202      |           |
|                       | Variance                            |                                     | ,266        |           |
|                       | Std. Deviation                      |                                     | ,515878     |           |
|                       | Minimum                             |                                     | -1,141      |           |
|                       | Maximum                             |                                     | 1,381       |           |
|                       | Range                               |                                     | 2,522       |           |
|                       | Interquartile Range                 |                                     | ,483        |           |
|                       | Skewness                            |                                     | ,104        |           |
|                       | Kurtosis                            |                                     | ,839        |           |
|                       | 3                                   |                                     | Mean        |           |
|                       |                                     | 95% Confidence Interval<br>for Mean | Lower Bound | -1,45940  |
| Upper Bound           |                                     |                                     | -,84419     |           |

### Descriptives

| D_Cluster_Des_5       |   |                                  | Std. Error |
|-----------------------|---|----------------------------------|------------|
| score_financeira2     | 5 | Kurtosis                         | ,972       |
| score_não_financeira2 | 1 | Mean                             | ,094752    |
|                       |   | 95% Confidence Interval for Mean |            |
|                       |   | Lower Bound                      |            |
|                       |   | Upper Bound                      |            |
|                       |   | 5% Trimmed Mean                  |            |
|                       |   | Median                           |            |
|                       |   | Variance                         |            |
|                       |   | Std. Deviation                   |            |
|                       |   | Minimum                          |            |
|                       |   | Maximum                          |            |
|                       |   | Range                            |            |
|                       |   | Interquartile Range              |            |
|                       |   | Skewness                         | ,276       |
|                       |   | Kurtosis                         | ,545       |
|                       | 2 | Mean                             | ,070861    |
|                       |   | 95% Confidence Interval for Mean |            |
|                       |   | Lower Bound                      |            |
|                       |   | Upper Bound                      |            |
|                       |   | 5% Trimmed Mean                  |            |
|                       |   | Median                           |            |
|                       |   | Variance                         |            |
|                       |   | Std. Deviation                   |            |
|                       |   | Minimum                          |            |
|                       |   | Maximum                          |            |
|                       |   | Range                            |            |
|                       |   | Interquartile Range              |            |
|                       |   | Skewness                         | ,327       |
|                       |   | Kurtosis                         | ,644       |
|                       | 3 | Mean                             | ,151361    |
|                       |   | 95% Confidence Interval for Mean |            |
|                       |   | Lower Bound                      |            |
|                       |   | Upper Bound                      |            |

### Descriptives

| D_Cluster_Des_5       |   |                                     |             | Statistic |
|-----------------------|---|-------------------------------------|-------------|-----------|
| score_não_financeira2 | 3 | 5% Trimmed Mean                     |             | -1,15017  |
|                       |   | Median                              |             | -1,13488  |
|                       |   | Variance                            |             | ,802      |
|                       |   | Std. Deviation                      |             | ,895466   |
|                       |   | Minimum                             |             | -3,127    |
|                       |   | Maximum                             |             | ,672      |
|                       |   | Range                               |             | 3,800     |
|                       |   | Interquartile Range                 |             | 1,073     |
|                       |   | Skewness                            |             | -,133     |
|                       |   | Kurtosis                            |             | -,008     |
|                       | 4 | Mean                                |             | ,71372    |
|                       |   | 95% Confidence Interval<br>for Mean | Lower Bound | ,27126    |
|                       |   |                                     | Upper Bound | 1,15619   |
|                       |   | 5% Trimmed Mean                     |             | ,72897    |
|                       |   | Median                              |             | ,78559    |
|                       |   | Variance                            |             | 1,047     |
|                       |   | Std. Deviation                      |             | 1,023202  |
|                       |   | Minimum                             |             | -1,217    |
|                       |   | Maximum                             |             | 2,400     |
|                       |   | Range                               |             | 3,617     |
|                       |   | Interquartile Range                 |             | 1,473     |
|                       |   | Skewness                            |             | -,317     |
|                       |   | Kurtosis                            |             | -,567     |
|                       | 5 | Mean                                |             | -,44136   |
|                       |   | 95% Confidence Interval<br>for Mean | Lower Bound | -,86360   |
|                       |   |                                     | Upper Bound | -,01912   |
|                       |   | 5% Trimmed Mean                     |             | -,41577   |
|                       |   | Median                              |             | -,26588   |
|                       |   | Variance                            |             | ,860      |
|                       |   | Std. Deviation                      |             | ,927607   |
|                       |   | Minimum                             |             | -2,328    |
|                       |   | Maximum                             |             | ,983      |
|                       |   | Range                               |             | 3,311     |
|                       |   | Interquartile Range                 |             | 1,414     |
|                       |   | Skewness                            |             | -,572     |
|                       |   | Kurtosis                            |             | -,432     |



### Descriptives

| D_Cluster_Des_5       |   |                                  | Std. Error                 |
|-----------------------|---|----------------------------------|----------------------------|
| score_não_financeira2 | 3 | 5% Trimmed Mean                  |                            |
|                       |   | Median                           |                            |
|                       |   | Variance                         |                            |
|                       |   | Std. Deviation                   |                            |
|                       |   | Minimum                          |                            |
|                       |   | Maximum                          |                            |
|                       |   | Range                            |                            |
|                       |   | Interquartile Range              |                            |
|                       |   | Skewness                         | ,398                       |
|                       |   | Kurtosis                         | ,778                       |
|                       | 4 | Mean                             | ,213352                    |
|                       |   | 95% Confidence Interval for Mean | Lower Bound<br>Upper Bound |
|                       |   | 5% Trimmed Mean                  |                            |
|                       |   | Median                           |                            |
|                       |   | Variance                         |                            |
|                       |   | Std. Deviation                   |                            |
|                       |   | Minimum                          |                            |
|                       |   | Maximum                          |                            |
|                       |   | Range                            |                            |
|                       |   | Interquartile Range              |                            |
|                       |   | Skewness                         | ,481                       |
|                       |   | Kurtosis                         | ,935                       |
|                       | 5 | Mean                             | ,202421                    |
|                       |   | 95% Confidence Interval for Mean | Lower Bound<br>Upper Bound |
|                       |   | 5% Trimmed Mean                  |                            |
|                       |   | Median                           |                            |
|                       |   | Variance                         |                            |
|                       |   | Std. Deviation                   |                            |
|                       |   | Minimum                          |                            |
|                       |   | Maximum                          |                            |
|                       |   | Range                            |                            |
|                       |   | Interquartile Range              |                            |
|                       |   | Skewness                         | ,501                       |
|                       |   | Kurtosis                         | ,972                       |

### M-Estimators

| D_Cluster_Des_5       |   | Huber's M-Estimator <sup>a</sup> | Tukey's Biweight <sup>b</sup> |
|-----------------------|---|----------------------------------|-------------------------------|
| score_financeira2     | 1 | ,02059                           | ,01993                        |
|                       | 2 | 1,21843                          | 1,23750                       |
|                       | 3 | -,38323                          | -,38213                       |
|                       | 4 | -,91977                          | -,90792                       |
|                       | 5 | -1,62672                         | -1,64313                      |
| score_não_financeira2 | 1 | ,40431                           | ,38785                        |
|                       | 2 | ,01250                           | ,00979                        |
|                       | 3 | -1,11952                         | -1,10834                      |
|                       | 4 | ,77348                           | ,83762                        |
|                       | 5 | -,33384                          | -,32042                       |

a. The weighting constant is 1,339.

b. The weighting constant is 4,685.

### M-Estimators

| D_Cluster_Des_5       |   | Hampel's M-Estimator <sup>c</sup> | Andrews' Wave <sup>d</sup> |
|-----------------------|---|-----------------------------------|----------------------------|
| score_financeira2     | 1 | ,02086                            | ,01963                     |
|                       | 2 | 1,25294                           | 1,23776                    |
|                       | 3 | -,36721                           | -,38207                    |
|                       | 4 | -,93081                           | -,90820                    |
|                       | 5 | -1,66007                          | -1,64318                   |
| score_não_financeira2 | 1 | ,40378                            | ,38756                     |
|                       | 2 | ,01695                            | ,00960                     |
|                       | 3 | -1,11870                          | -1,10723                   |
|                       | 4 | ,79309                            | ,83704                     |
|                       | 5 | -,36033                           | -,32152                    |

a. The weighting constant is 1,339.

c. The weighting constants are 1,700, 3,400, and 8,500

d. The weighting constant is  $1,340 \cdot \pi$ .

### Extreme Values

| D_Cluster_Des_5   |   |         |   | Case Number | Value              |
|-------------------|---|---------|---|-------------|--------------------|
| score_financeira2 | 1 | Highest | 1 | 115         | 1,020              |
|                   |   |         | 2 | 69          | ,647               |
|                   |   |         | 3 | 58          | ,523               |
|                   |   |         | 4 | 80          | ,503               |
|                   |   |         | 5 | 194         | ,453               |
|                   |   | Lowest  | 1 | 195         | -,905              |
|                   |   |         | 2 | 8           | -,748              |
|                   |   |         | 3 | 160         | -,618              |
|                   |   |         | 4 | 114         | -,544              |
|                   |   |         | 5 | 85          | -,498              |
|                   | 2 | Highest | 1 | 3           | 1,960              |
|                   |   |         | 2 | 33          | 1,960              |
|                   |   |         | 3 | 48          | 1,960              |
|                   |   |         | 4 | 60          | 1,960              |
|                   |   |         | 5 | 78          | 1,960 <sup>a</sup> |
|                   |   | Lowest  | 1 | 89          | ,561               |
|                   |   |         | 2 | 118         | ,630               |
|                   |   |         | 3 | 187         | ,695               |
|                   |   |         | 4 | 57          | ,700               |
|                   |   |         | 5 | 203         | ,792               |
|                   | 3 | Highest | 1 | 77          | ,567               |
|                   |   |         | 2 | 24          | ,379               |
|                   |   |         | 3 | 19          | ,379               |
|                   |   |         | 4 | 155         | ,343               |
|                   |   |         | 5 | 117         | ,288               |
|                   |   | Lowest  | 1 | 34          | -1,231             |
|                   |   |         | 2 | 127         | -1,221             |
|                   |   |         | 3 | 32          | -,794              |
|                   |   |         | 4 | 11          | -,743              |
|                   |   |         | 5 | 6           | -,741              |
|                   | 4 | Highest | 1 | 10          | -,289              |
|                   |   |         | 2 | 9           | -,300              |
|                   |   |         | 3 | 173         | -,446              |
|                   |   |         | 4 | 132         | -,568              |
|                   |   |         | 5 | 131         | -,581              |
|                   |   | Lowest  | 1 | 171         | -1,881             |
|                   |   |         | 2 | 156         | -1,756             |
|                   |   |         | 3 | 31          | -1,479             |
|                   |   |         | 4 | 192         | -1,468             |
|                   |   |         | 5 | 61          | -1,361             |

a. Only a partial list of cases with the value 1,960 are shown in the table of upper extremes.

### Extreme Values

| D_Cluster_Des_5       |   |         |   | Case Number | Value  |
|-----------------------|---|---------|---|-------------|--------|
| score_financeira2     | 5 | Highest | 1 | 182         | -1,027 |
|                       |   |         | 2 | 207         | -1,036 |
|                       |   |         | 3 | 189         | -1,039 |
|                       |   |         | 4 | 90          | -1,053 |
|                       |   |         | 5 | 56          | -1,121 |
|                       |   | Lowest  | 1 | 53          | -2,610 |
|                       |   |         | 2 | 47          | -2,610 |
|                       |   |         | 3 | 75          | -2,474 |
|                       |   |         | 4 | 146         | -2,292 |
|                       |   |         | 5 | 103         | -2,288 |
| score_não_financeira2 | 1 | Highest | 1 | 123         | 2,493  |
|                       |   |         | 2 | 18          | 2,313  |
|                       |   |         | 3 | 142         | 2,106  |
|                       |   |         | 4 | 200         | 1,929  |
|                       |   |         | 5 | 66          | 1,819  |
|                       |   | Lowest  | 1 | 194         | -1,223 |
|                       |   |         | 2 | 160         | -1,160 |
|                       |   |         | 3 | 68          | -1,130 |
|                       |   |         | 4 | 204         | -1,070 |
|                       |   |         | 5 | 198         | -,880  |
|                       | 2 | Highest | 1 | 126         | 1,381  |
|                       |   |         | 2 | 187         | 1,154  |
|                       |   |         | 3 | 161         | 1,087  |
|                       |   |         | 4 | 54          | ,760   |
|                       |   |         | 5 | 67          | ,676   |
|                       |   | Lowest  | 1 | 162         | -1,141 |
|                       |   |         | 2 | 14          | -1,109 |
|                       |   |         | 3 | 101         | -,974  |
|                       |   |         | 4 | 84          | -,971  |
|                       |   |         | 5 | 128         | -,633  |
|                       | 3 | Highest | 1 | 151         | ,672   |
|                       |   |         | 2 | 11          | ,605   |
|                       |   |         | 3 | 136         | ,078   |
|                       |   |         | 4 | 64          | ,009   |
|                       |   |         | 5 | 183         | -,131  |
|                       |   | Lowest  | 1 | 104         | -3,127 |
|                       |   |         | 2 | 19          | -2,775 |
|                       |   |         | 3 | 34          | -2,569 |
|                       |   |         | 4 | 32          | -2,439 |

### Extreme Values

|                       | D_Cluster_Des_5 |         |   | Case Number | Value  |
|-----------------------|-----------------|---------|---|-------------|--------|
| score_não_financeira2 | 3               | Lowest  | 5 | 86          | -2,322 |
|                       |                 |         |   |             |        |
|                       | 4               | Highest | 1 | 31          | 2,400  |
|                       |                 |         | 2 | 88          | 2,048  |
|                       |                 |         | 3 | 171         | 2,028  |
|                       |                 |         | 4 | 170         | 1,888  |
|                       |                 |         | 5 | 122         | 1,763  |
|                       |                 | Lowest  | 1 | 132         | -1,217 |
|                       |                 |         | 2 | 131         | -1,094 |
|                       |                 |         | 3 | 9           | -,798  |
|                       |                 |         | 4 | 35          | -,740  |
|                       |                 |         | 5 | 174         | ,014   |
|                       | 5               | Highest | 1 | 145         | ,983   |
|                       |                 |         | 2 | 116         | ,713   |
|                       |                 |         | 3 | 146         | ,527   |
|                       |                 |         | 4 | 47          | ,398   |
|                       |                 |         | 5 | 53          | ,398   |
|                       |                 | Lowest  | 1 | 56          | -2,328 |
|                       |                 |         | 2 | 37          | -2,040 |
|                       |                 |         | 3 | 70          | -1,945 |
|                       |                 |         | 4 | 103         | -1,368 |
|                       |                 |         | 5 | 169         | -1,186 |

### Tests of Normality

| D_Cluster_Des_5       |   | Kolmogorov-Smirnov <sup>a</sup> |    |       | Shapiro-Wilk |
|-----------------------|---|---------------------------------|----|-------|--------------|
|                       |   | Statistic                       | df | Sig.  | Statistic    |
| score_financeira2     | 1 | ,064                            | 76 | ,200  | ,988         |
|                       | 2 | ,154                            | 53 | ,003  | ,882         |
|                       | 3 | ,135                            | 35 | ,105  | ,962         |
|                       | 4 | ,162                            | 23 | ,122  | ,960         |
|                       | 5 | ,147                            | 21 | ,200* | ,903         |
| score_não_financeira2 | 1 | ,081                            | 76 | ,200  | ,987         |
|                       | 2 | ,144                            | 53 | ,008  | ,958         |
|                       | 3 | ,121                            | 35 | ,200* | ,980         |
|                       | 4 | ,096                            | 23 | ,200* | ,960         |
|                       | 5 | ,146                            | 21 | ,200* | ,951         |

a. Lilliefors Significance Correction

\*. This is a lower bound of the true significance.

### Tests of Normality

| D_Cluster_Des_5       |   | Shapiro-Wilk |      |
|-----------------------|---|--------------|------|
|                       |   | df           | Sig. |
| score_financeira2     | 1 | 76           | ,719 |
|                       | 2 | 53           | ,000 |
|                       | 3 | 35           | ,265 |
|                       | 4 | 23           | ,462 |
|                       | 5 | 21           | ,041 |
| score_não_financeira2 | 1 | 76           | ,659 |
|                       | 2 | 53           | ,060 |
|                       | 3 | 35           | ,758 |
|                       | 4 | 23           | ,460 |
|                       | 5 | 21           | ,353 |

### score\_financeira2

#### Stem-and-Leaf Plots

score\_financeira2 Stem-and-Leaf Plot for  
DO\_CLU5\_1= 1

Frequency Stem & Leaf

```

1,00 Extremes  (= <-,9)
2,00   -0 . 67
4,00   -0 . 4445
11,00  -0 . 2222233333
22,00  -0 . 0000000000001111111111
11,00   0 . 00001111111
15,00   0 . 22222222222333
8,00    0 . 44444455
1,00    0 . 6
1,00 Extremes  (>=1,0)

```

Stem width: 1,000  
Each leaf: 1 case(s)

score\_financeira2 Stem-and-Leaf Plot for  
DO\_CLU5\_1= 2

Frequency Stem & Leaf

```

1,00   0 . 5
4,00   0 . 6677
15,00  0 . 888888888899999
7,00   1 . 0111111
6,00   1 . 222223

```

|       |                     |
|-------|---------------------|
| 5,00  | 1 . 44555           |
| 1,00  | 1 . 6               |
| 14,00 | 1 . 889999999999999 |

Stem width: 1,000  
Each leaf: 1 case(s)

score\_financeira2 Stem-and-Leaf Plot for  
DO\_CLU5\_1= 3

Frequency Stem & Leaf

|       |                    |
|-------|--------------------|
| 2,00  | -1 . 22            |
| 13,00 | -0 . 5555556677777 |
| 13,00 | -0 . 0011122333444 |
| 6,00  | 0 . 112333         |
| 1,00  | 0 . 5              |

Stem width: 1,000  
Each leaf: 1 case(s)

score\_financeira2 Stem-and-Leaf Plot for  
DO\_CLU5\_1= 4

Frequency Stem & Leaf

|       |                  |
|-------|------------------|
| 2,00  | -1 . 78          |
| 7,00  | -1 . 1112344     |
| 11,00 | -0 . 55666788888 |
| 3,00  | -0 . 234         |

Stem width: 1,000  
Each leaf: 1 case(s)

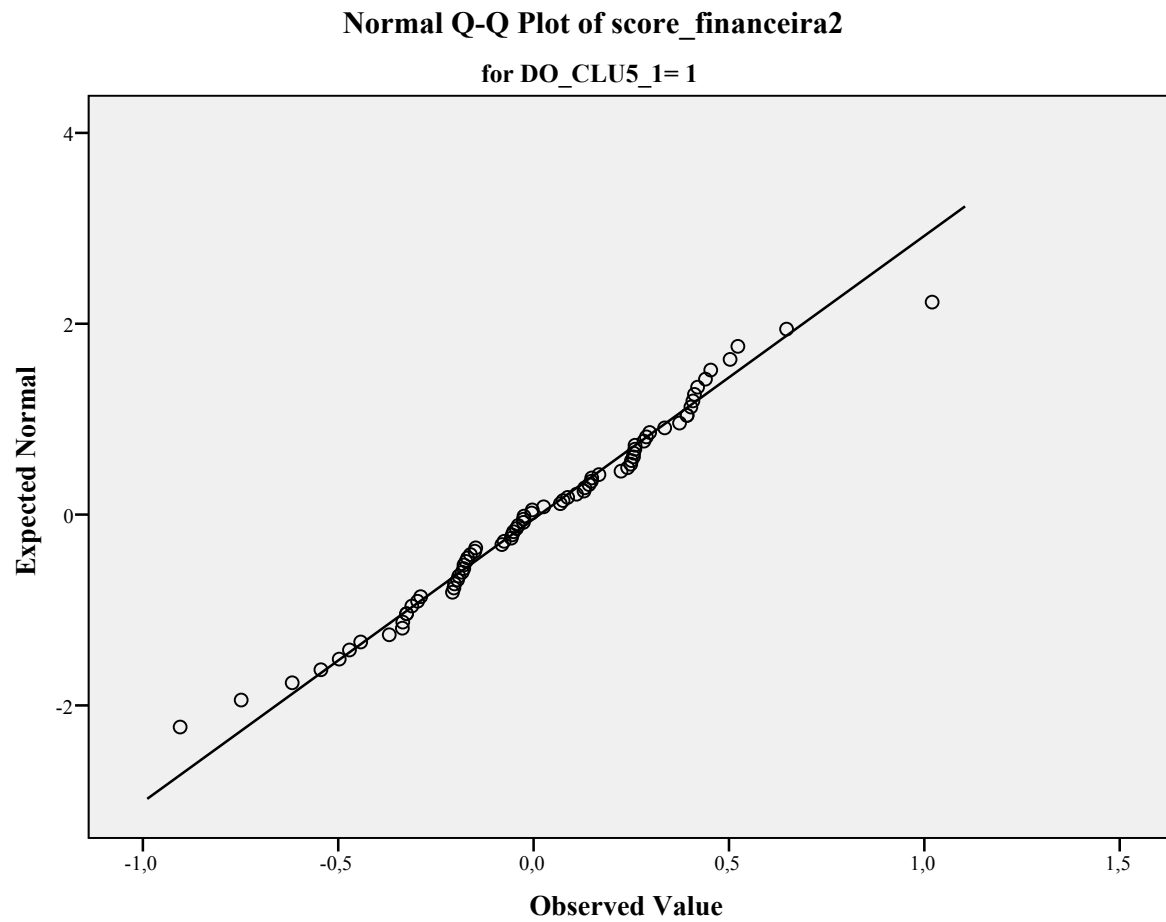
score\_financeira2 Stem-and-Leaf Plot for  
DO\_CLU5\_1= 5

Frequency Stem & Leaf

|       |                 |
|-------|-----------------|
| 2,00  | -2 . 66         |
| 4,00  | -2 . 2224       |
| 5,00  | -1 . 57788      |
| 10,00 | -1 . 0000113344 |

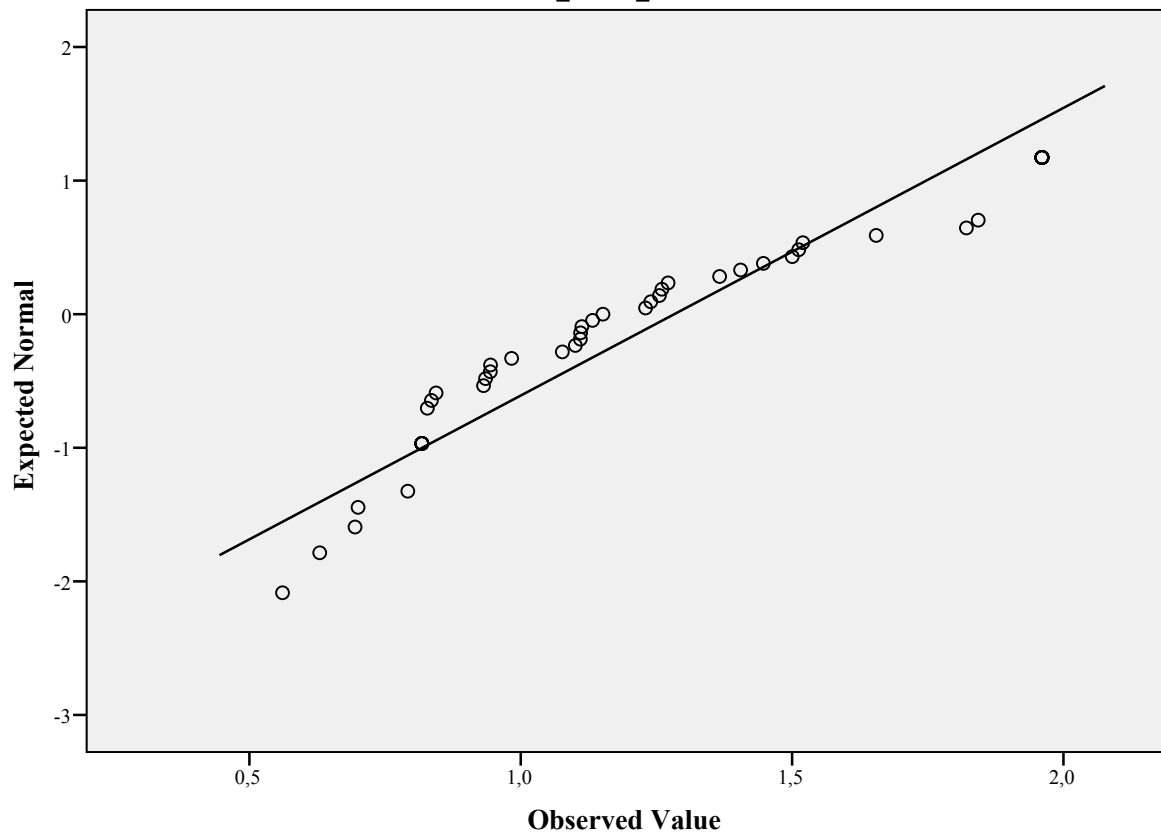
Stem width: 1,000  
Each leaf: 1 case(s)

## Normal Q-Q Plots

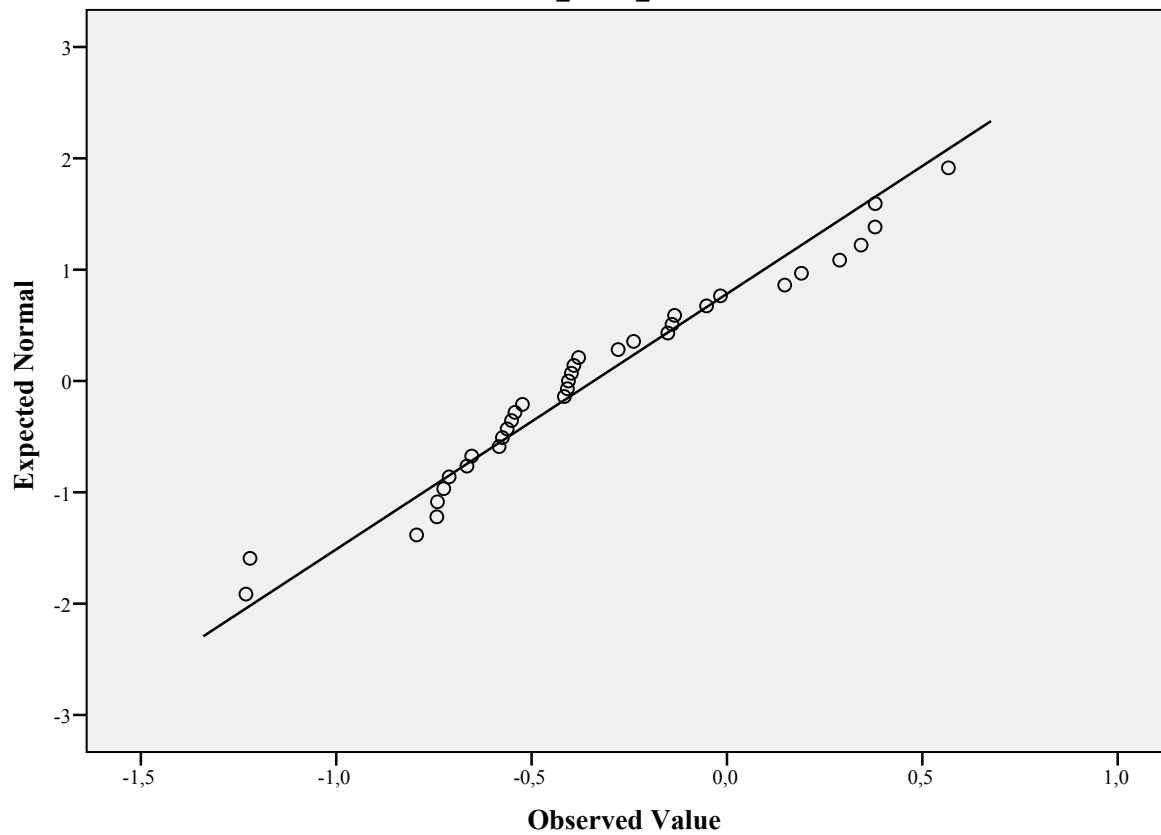




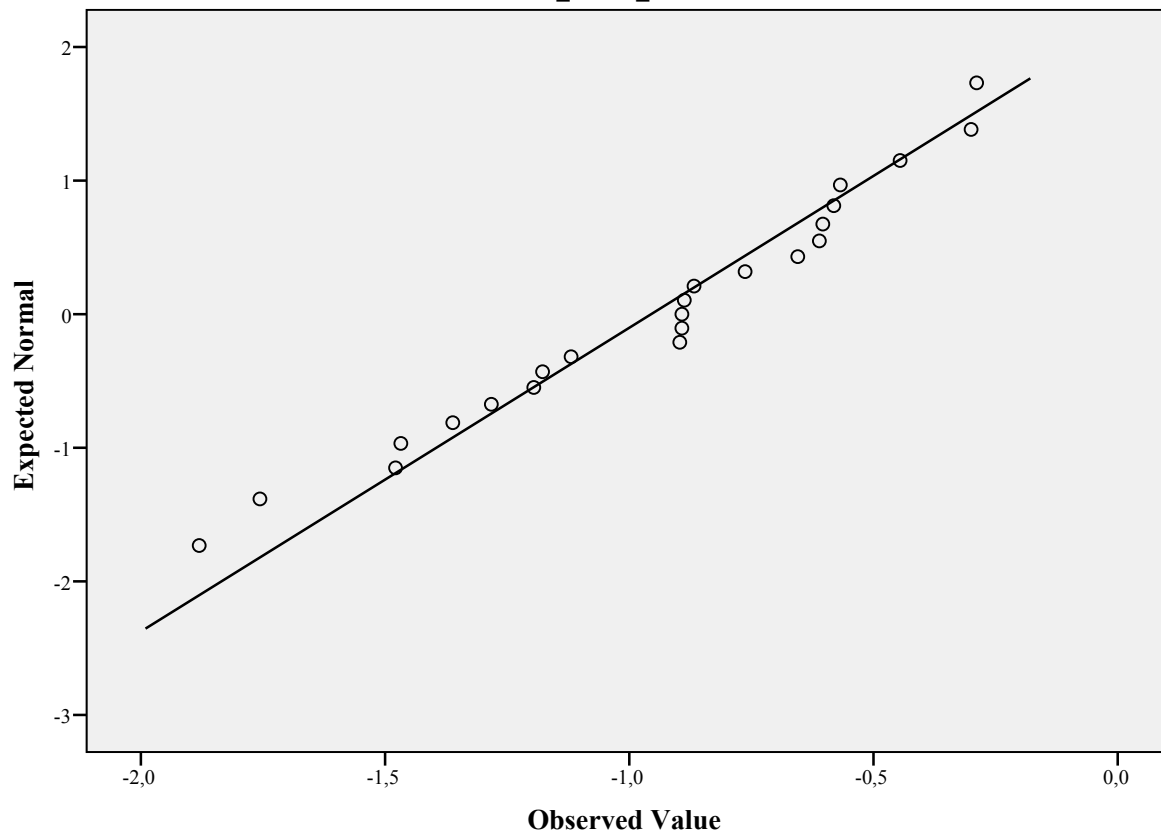
**Normal Q-Q Plot of score\_financeira2**  
**for DO\_CLU5\_1= 2**



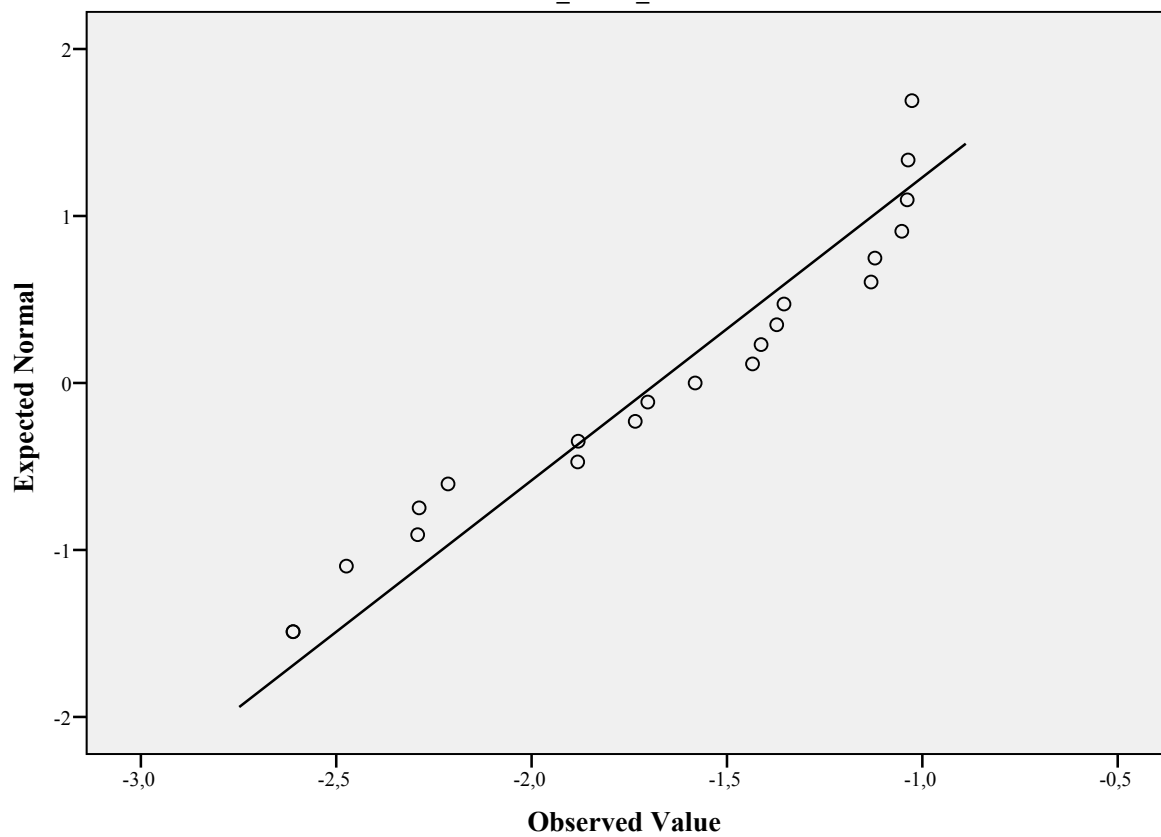
**Normal Q-Q Plot of score\_financeira2**  
**for DO\_CLU5\_1= 3**



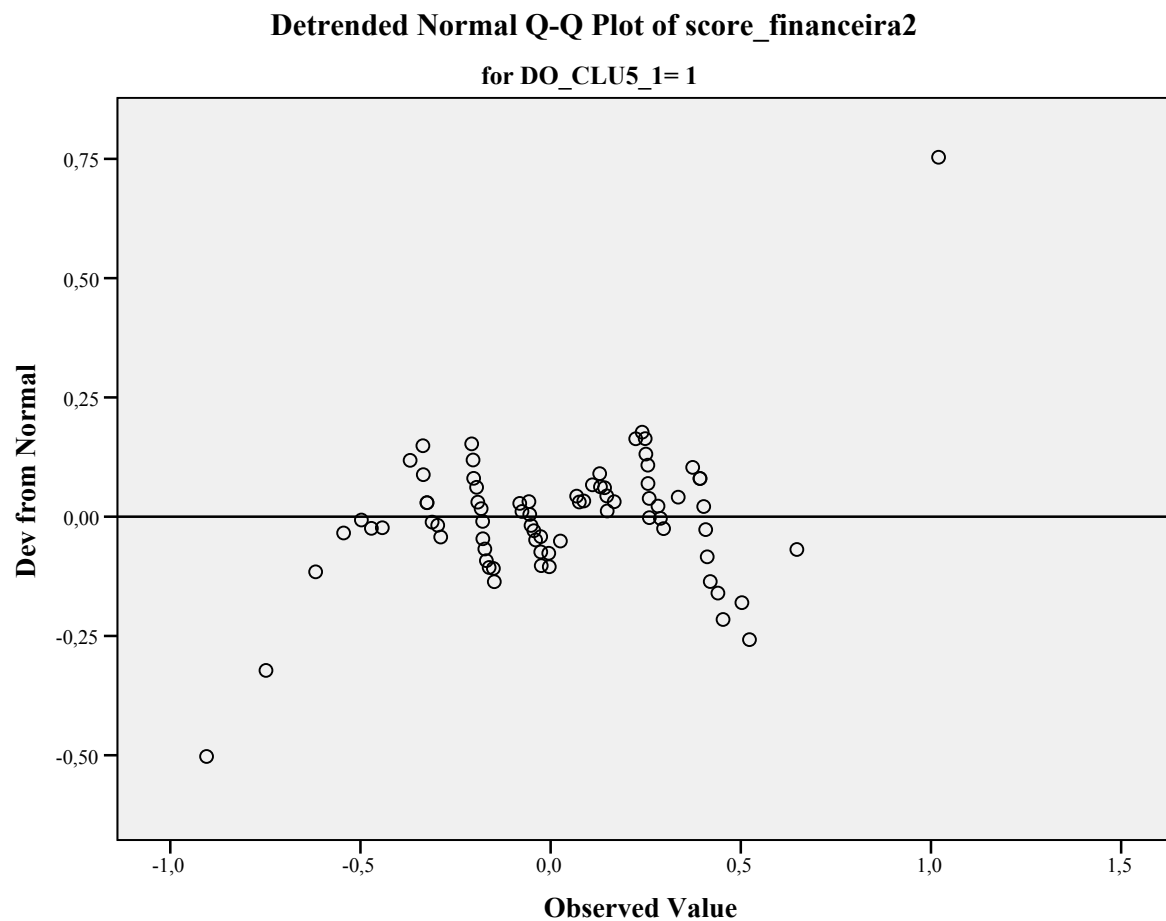
**Normal Q-Q Plot of score\_financeira2**  
**for DO\_CLU5\_1= 4**

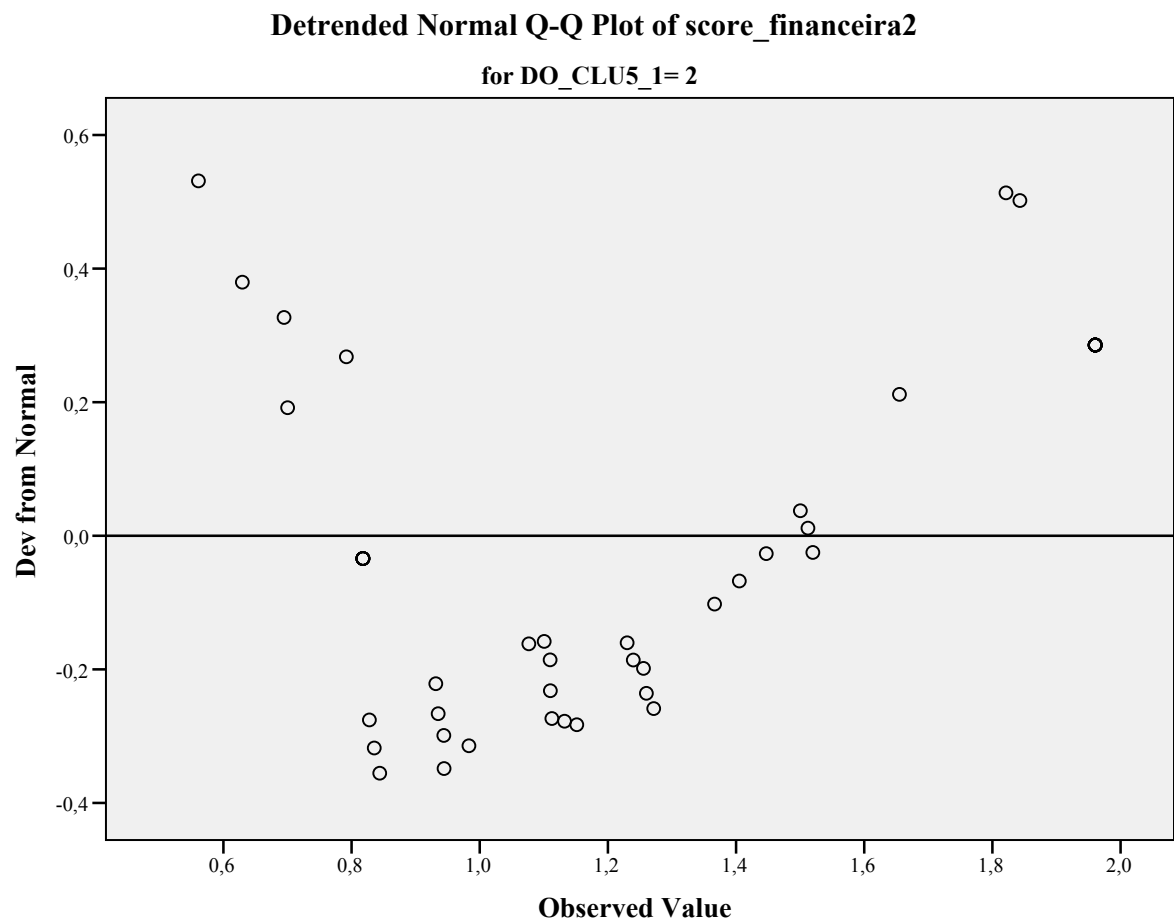


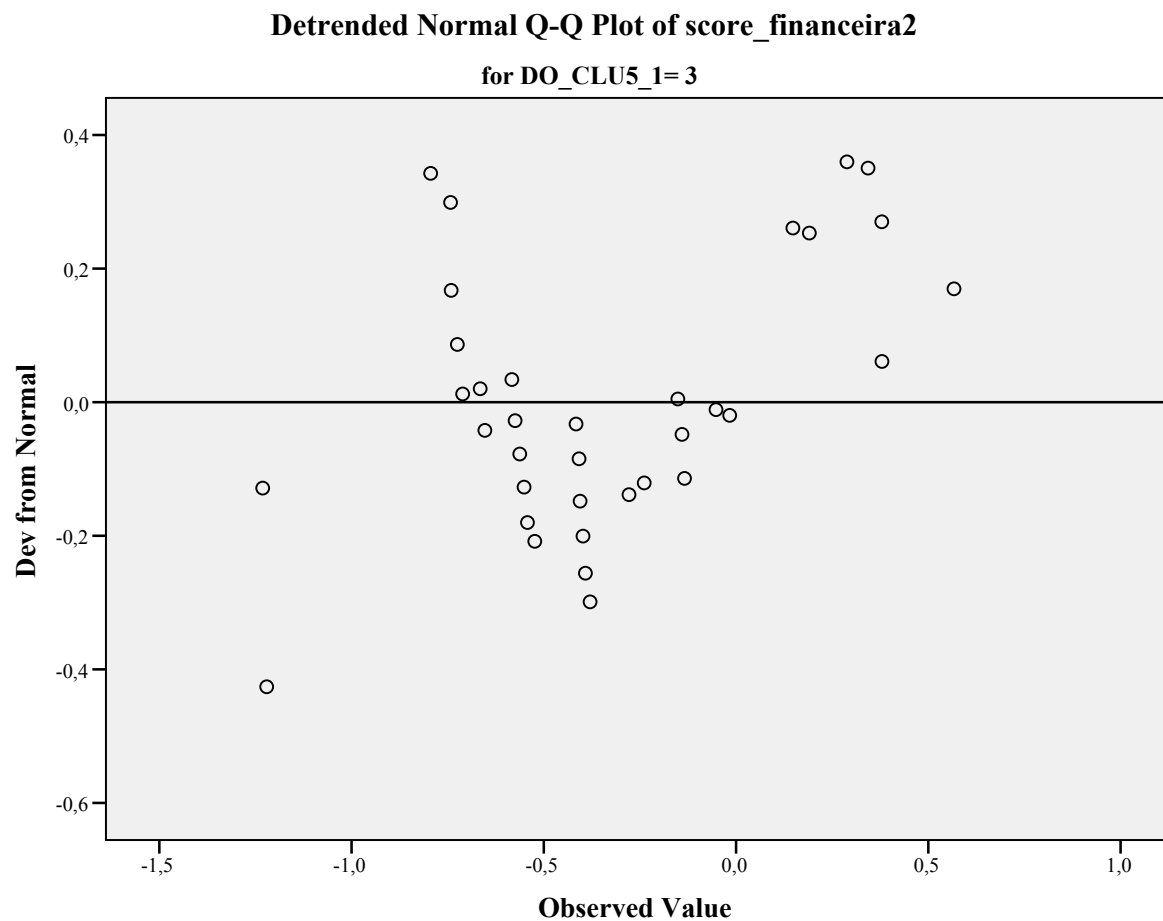
**Normal Q-Q Plot of score\_financeira2**  
**for DO\_CLU5\_1= 5**



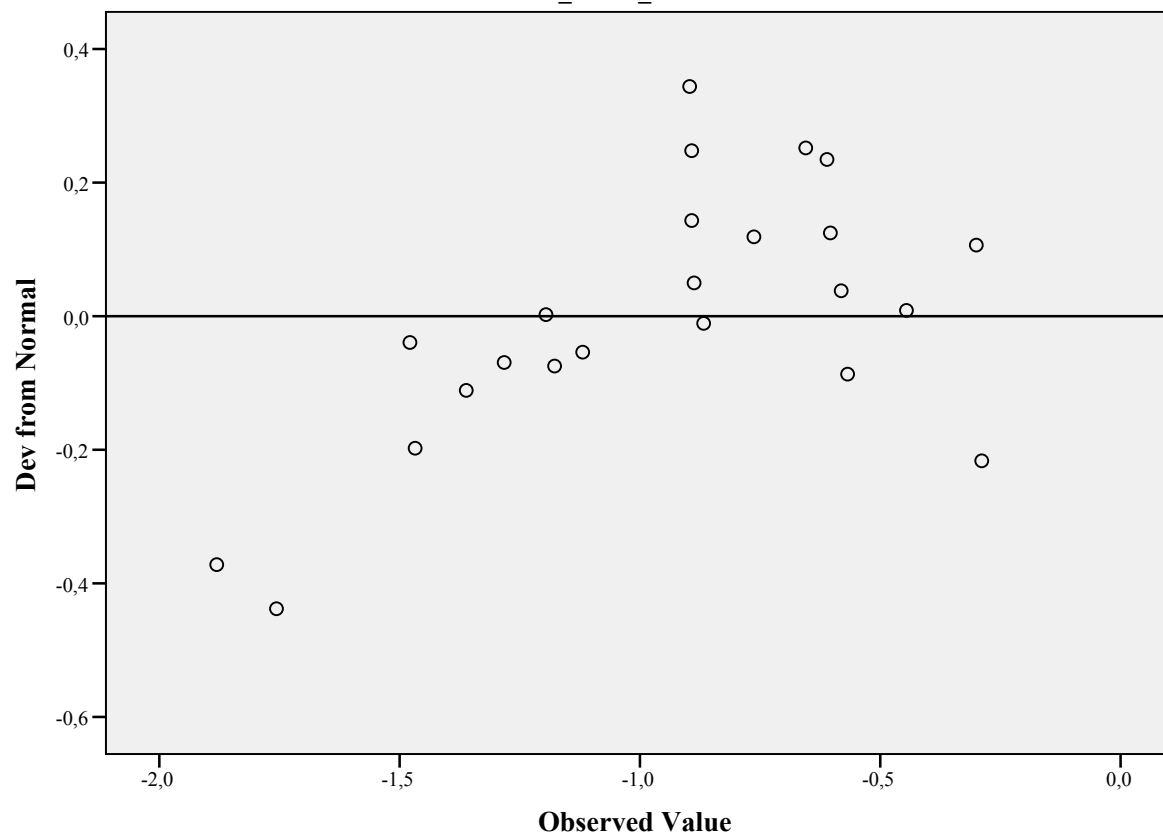
### Detrended Normal Q-Q Plots



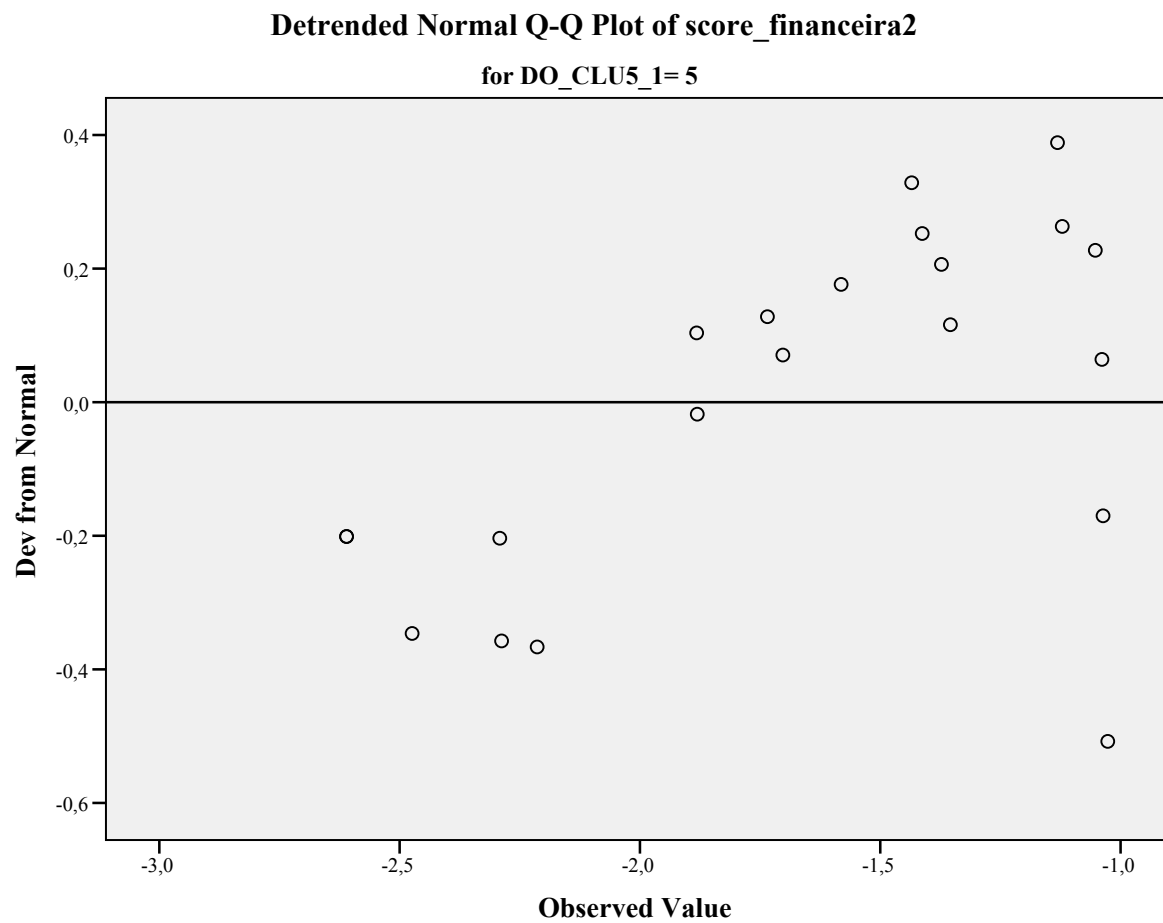


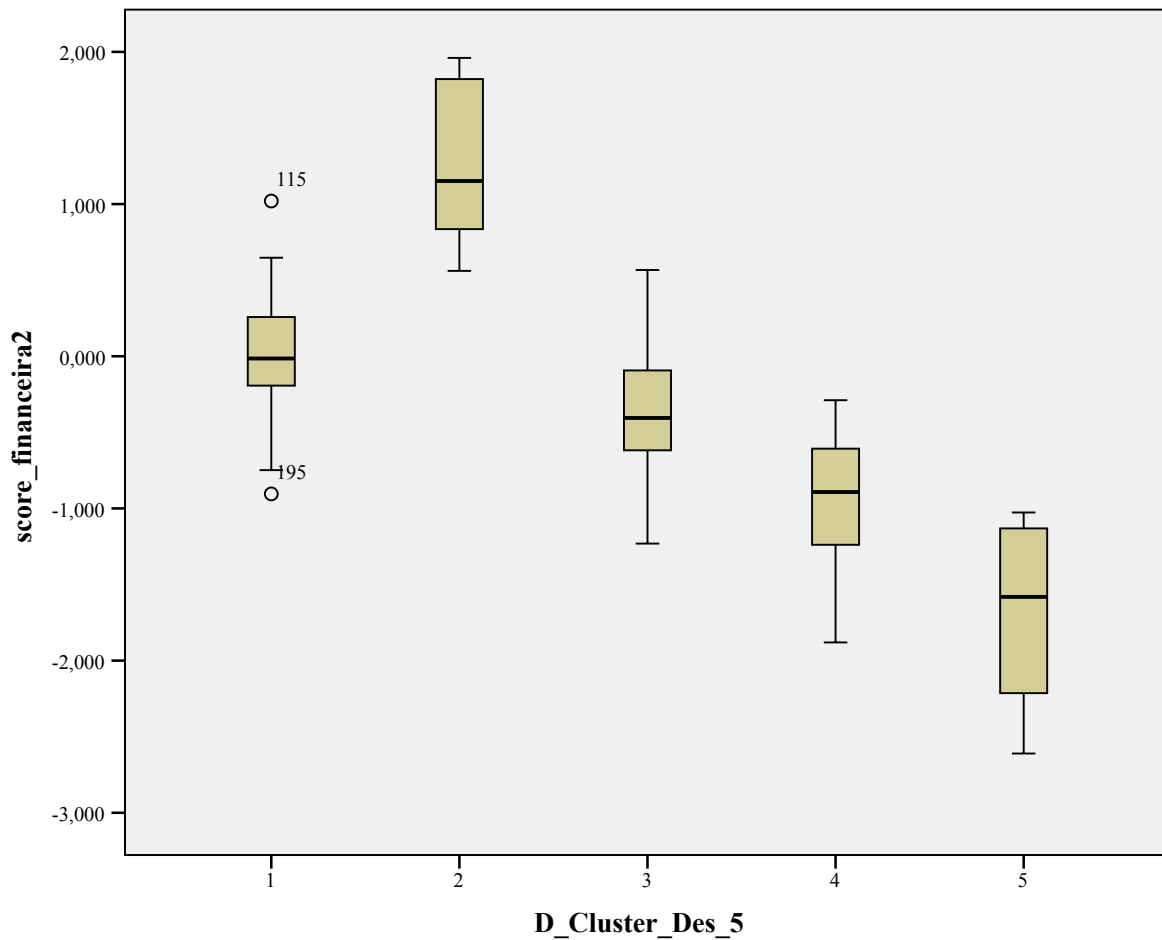


**Detrended Normal Q-Q Plot of score\_financeira2**  
**for DO\_CLU5\_1= 4**









**score\_não\_financeira2**

### Stem-and-Leaf Plots

score\_não\_financeira2 Stem-and-Leaf Plot for  
DO\_CLU5\_1= 1

| Frequency | Stem & Leaf           |
|-----------|-----------------------|
| 4,00      | -1 . 0112             |
| 6,00      | -0 . 567788           |
| 14,00     | -0 . 00011222223334   |
| 16,00     | 0 . 000011111112344   |
| 17,00     | 0 . 55556677778888999 |
| 13,00     | 1 . 0000001223344     |
| 3,00      | 1 . 689               |
| 3,00      | 2 . 134               |

Stem width: 1,000  
Each leaf: 1 case(s)

score\_não\_financeira2 Stem-and-Leaf Plot for

DO\_CLU5\_1= 2

Frequency Stem & Leaf

4,00 Extremes (= $-1,0$ )  
1,00 -0 . 6  
3,00 -0 . 445  
3,00 -0 . 333  
15,00 -0 . 000000000000111  
11,00 0 . 00000000011  
4,00 0 . 2223  
6,00 0 . 444455  
3,00 0 . 667  
3,00 Extremes ( $\geq 1,1$ )

Stem width: 1,000  
Each leaf: 1 case(s)

score\_não\_financeira2 Stem-and-Leaf Plot for  
DO\_CLU5\_1= 3

Frequency Stem & Leaf

1,00 Extremes (= $-3,1$ )  
2,00 -2 . 57  
3,00 -2 . 234  
3,00 -1 . 678  
10,00 -1 . 1122223334  
8,00 -0 . 67789999  
4,00 -0 . 1334  
2,00 0 . 00  
1,00 0 . 6  
1,00 Extremes ( $\geq 7$ )

Stem width: 1,000  
Each leaf: 1 case(s)

score\_não\_financeira2 Stem-and-Leaf Plot for  
DO\_CLU5\_1= 4

Frequency Stem & Leaf

2,00 -1 . 02  
2,00 -0 . 77  
11,00 0 . 01234467899  
5,00 1 . 13678  
3,00 2 . 004

Stem width: 1,000  
Each leaf: 1 case(s)

score\_não\_financeira2 Stem-and-Leaf Plot for  
DO\_CLU5\_1= 5

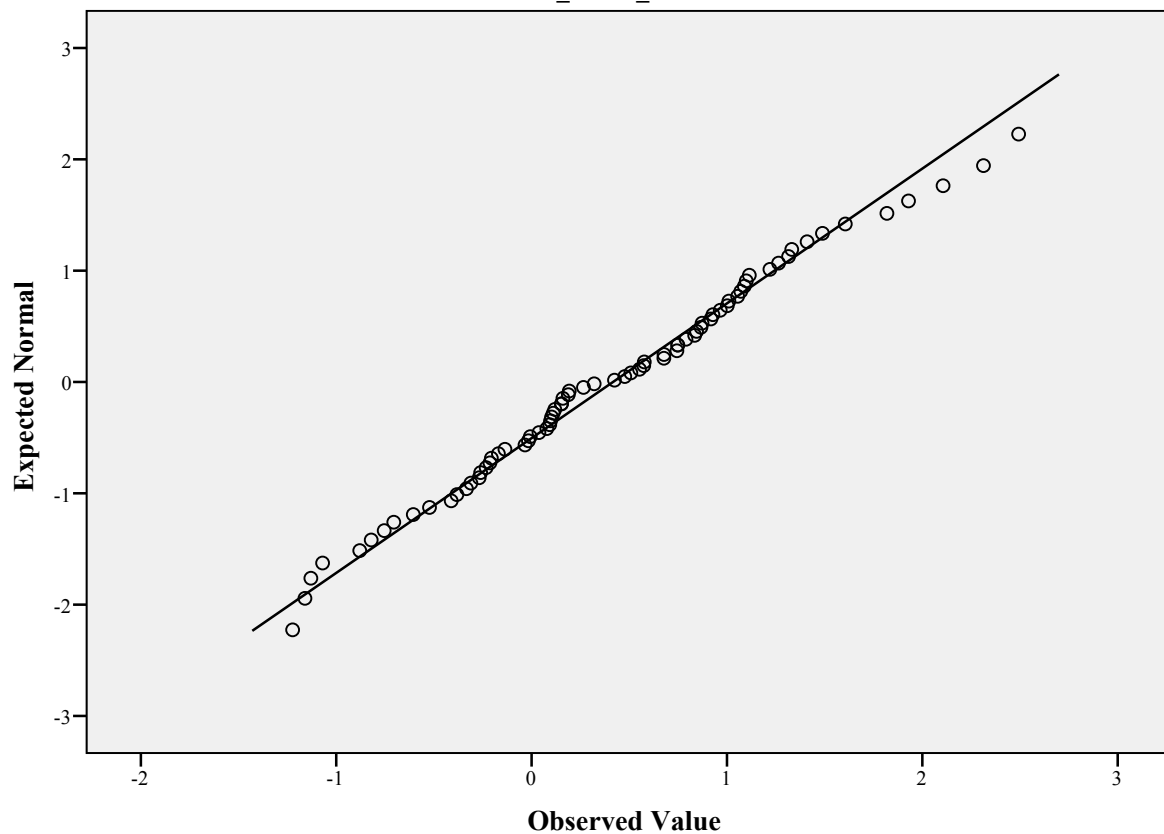
Frequency Stem & Leaf

|      |            |
|------|------------|
| 2,00 | -2 . 03    |
| 1,00 | -1 . 9     |
| 2,00 | -1 . 13    |
| 4,00 | -0 . 5688  |
| 5,00 | -0 . 11122 |
| 4,00 | 0 . 0333   |
| 3,00 | 0 . 579    |

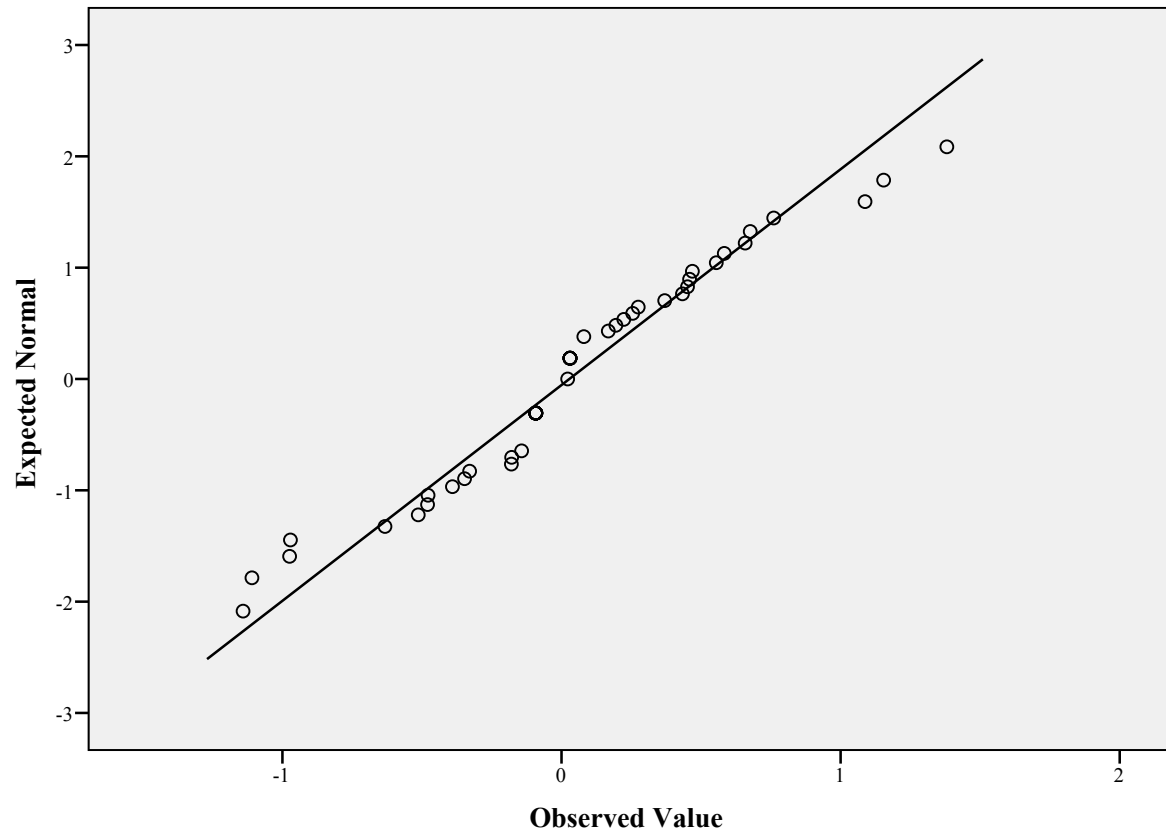
Stem width: 1,000  
Each leaf: 1 case(s)

## Normal Q-Q Plots

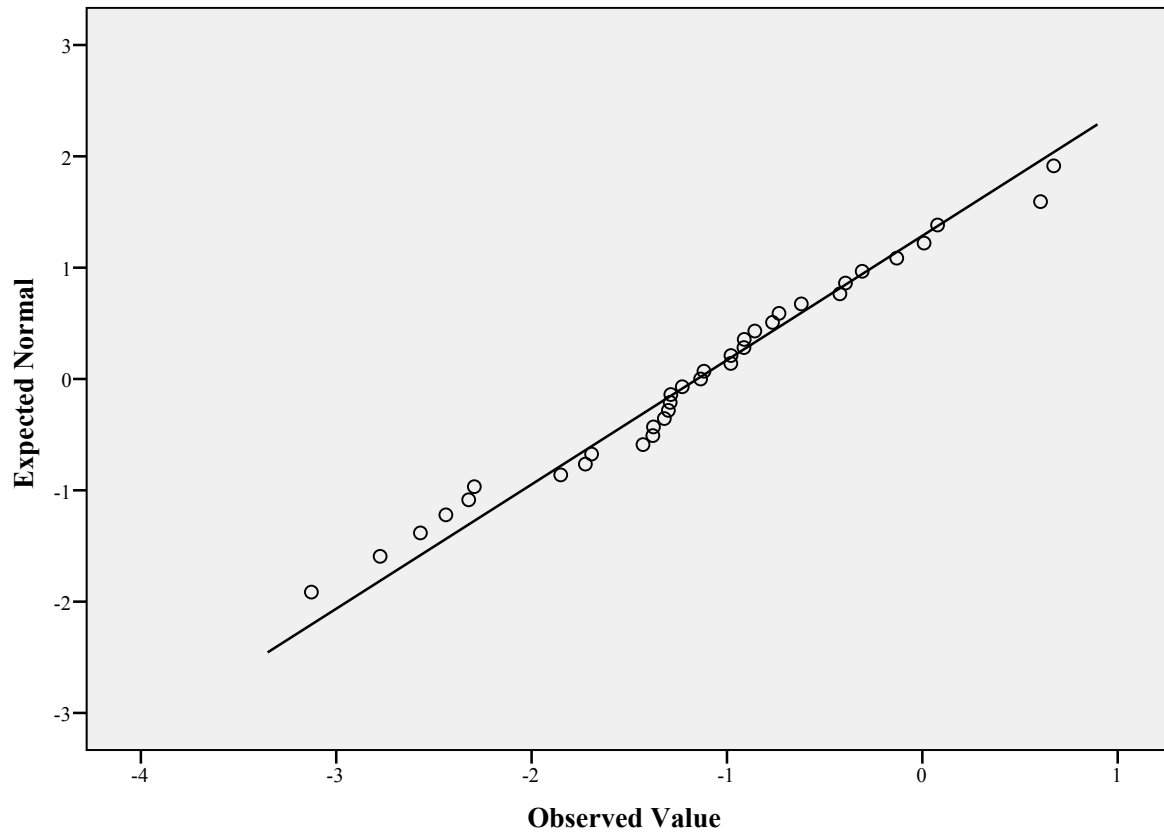
Normal Q-Q Plot of score\_não\_financeira2  
for DO\_CLU5\_1= 1



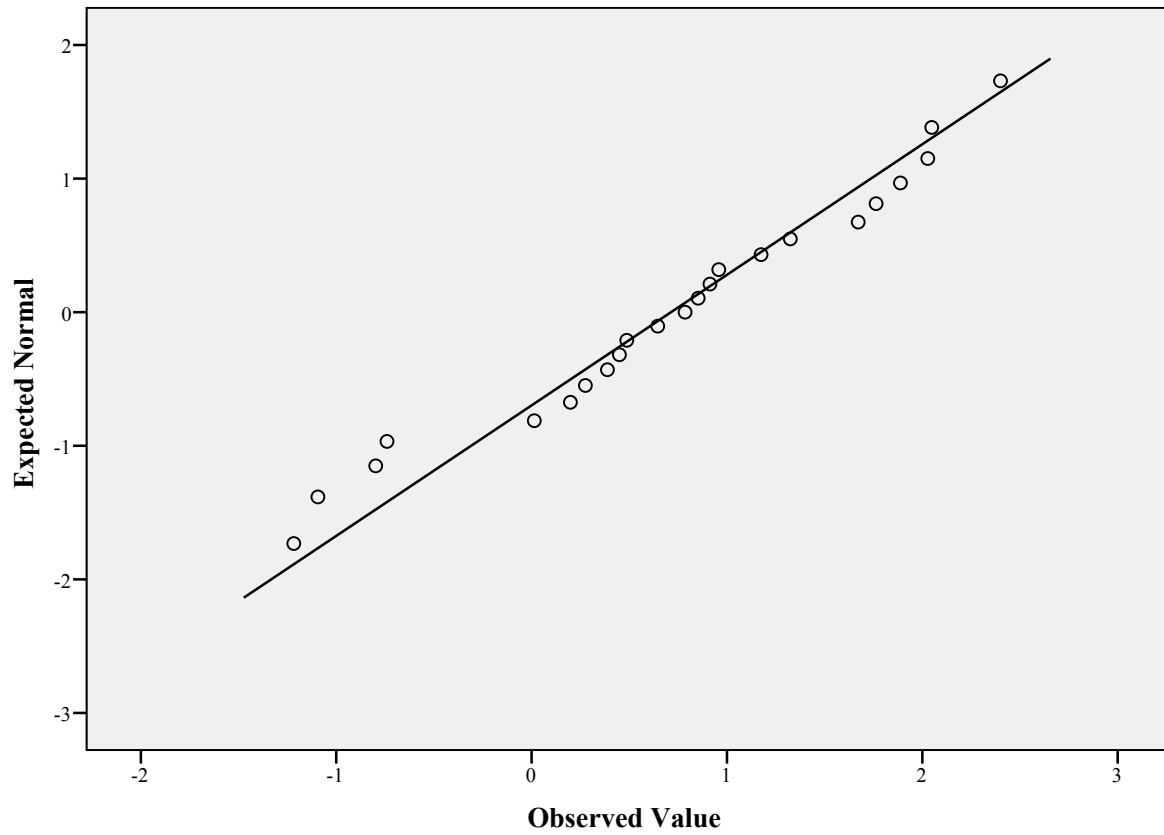
**Normal Q-Q Plot of score\_não\_financeira2**  
**for DO\_CLU5\_1= 2**

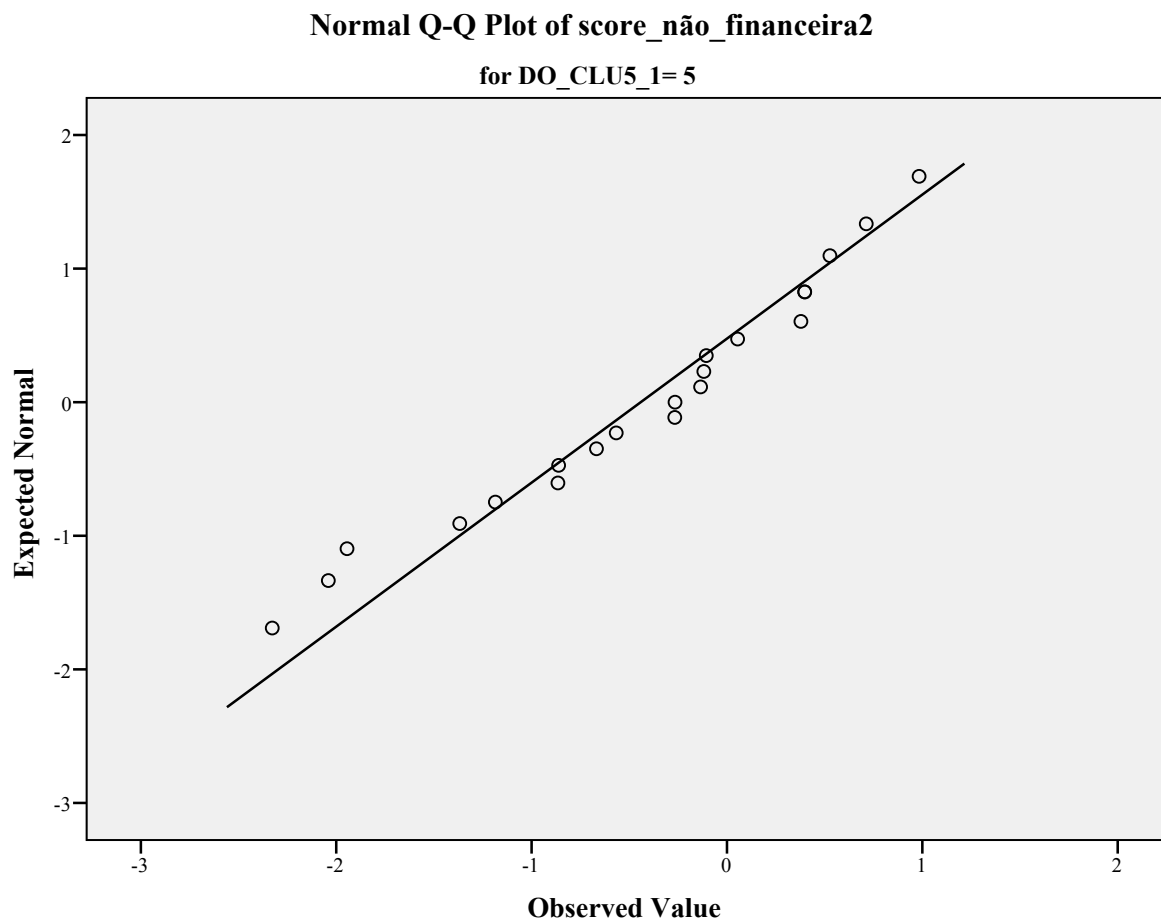


**Normal Q-Q Plot of score\_não\_financeira2**  
**for DO\_CLU5\_1= 3**



**Normal Q-Q Plot of score\_não\_financeira2**  
**for DO\_CLU5\_1= 4**

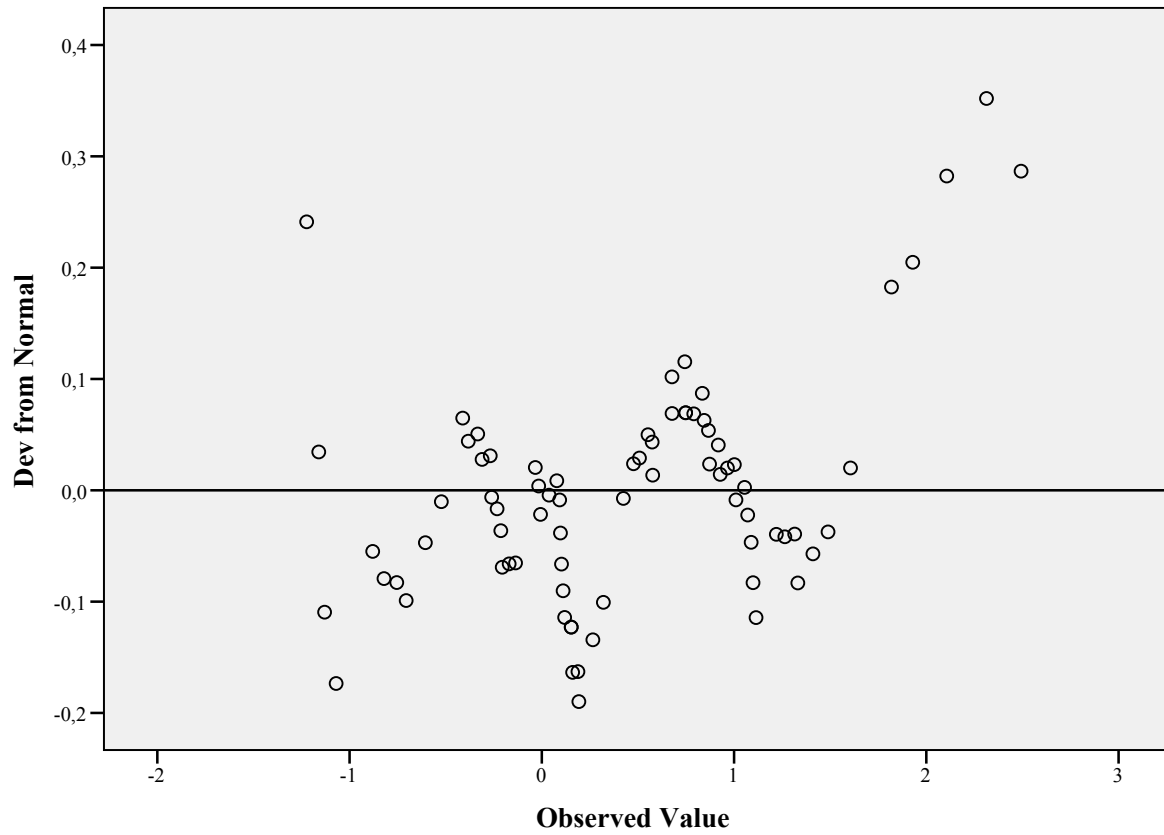




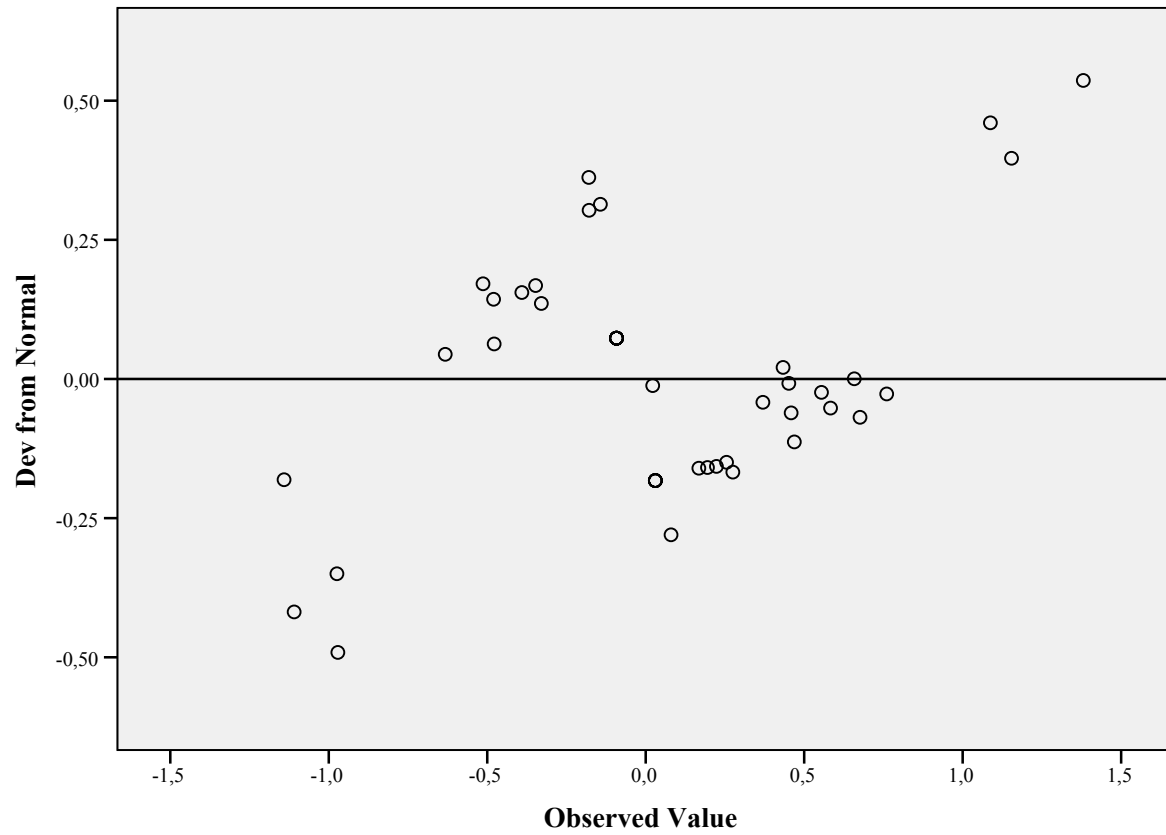
### Detrended Normal Q-Q Plots



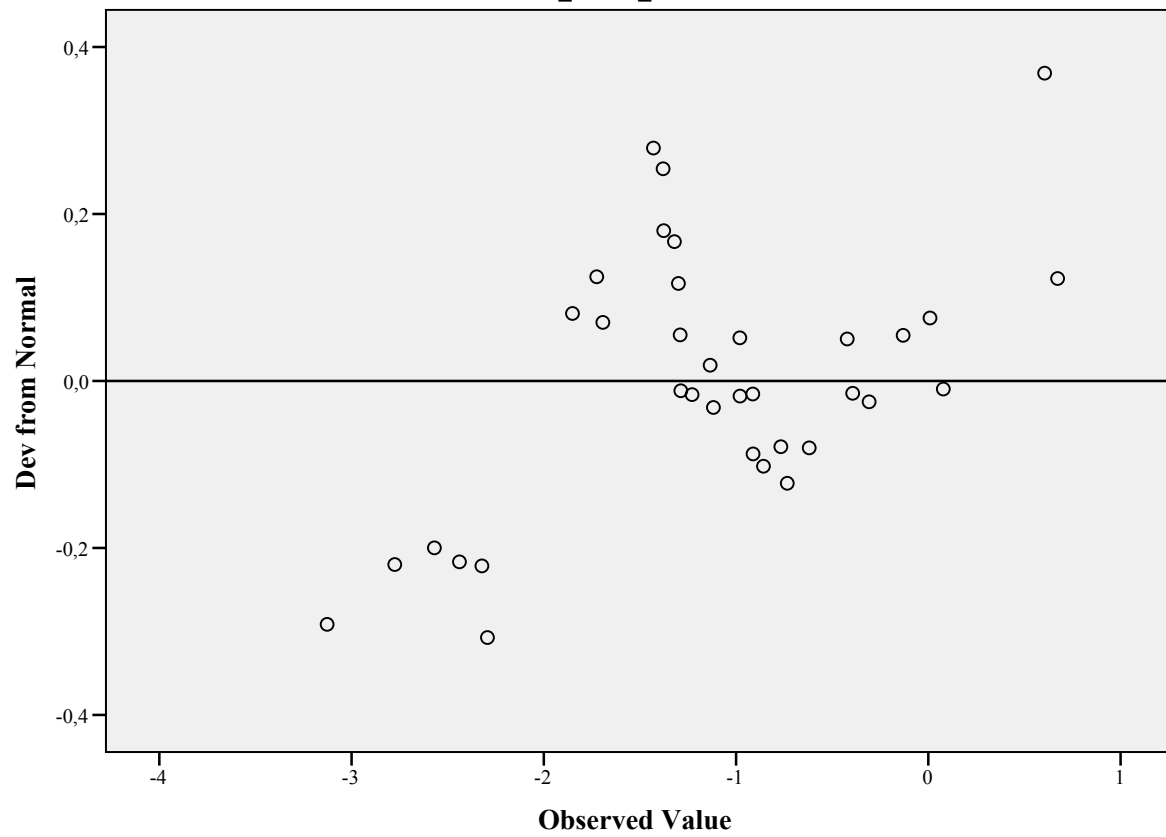
**Detrended Normal Q-Q Plot of score\_não\_financeira2**  
**for DO\_CLU5\_1= 1**



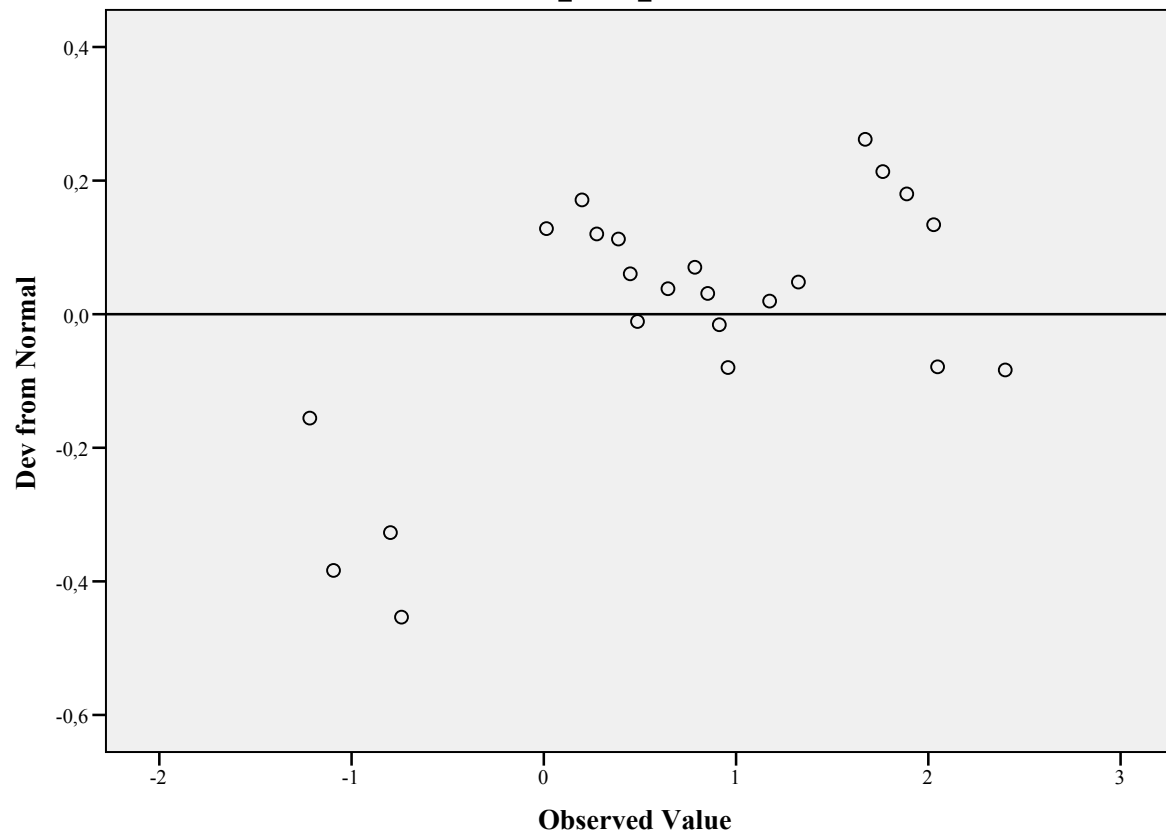
**Detrended Normal Q-Q Plot of score\_não\_financeira2**  
**for DO\_CLU5\_1= 2**



**Detrended Normal Q-Q Plot of score\_não\_financeira2**  
**for DO\_CLU5\_1= 3**



**Detrended Normal Q-Q Plot of score\_não\_financeira2**  
**for DO\_CLU5\_1= 4**



**Detrended Normal Q-Q Plot of score\_não\_financeira2**  
**for DO\_CLU5\_1= 5**

