

```

EXAMINE VARIABLES=Dimensão_Financeira2 Dimensão_Não_Financeira2 BY DO_CLU4_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\_4

Case Processing Summary

D_Cluster_Des_4		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	44	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	44	100,0%	0	,0%

Case Processing Summary

D_Cluster_Des_4		Cases	
		Total	
		N	Percent
score_financeira2	1	76	100,0%
	2	53	100,0%
	3	35	100,0%
	4	44	100,0%
score_não_financeira2	1	76	100,0%
	2	53	100,0%
	3	35	100,0%
	4	44	100,0%

### Descriptives

D_Cluster_Des_4				Statistic
score_financeira2	1	Mean		,01541
		95% Confidence Interval 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 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 for Mean	Lower Bound	-,49075
			Upper Bound	-,19149

### Descriptives

D_Cluster_Des_4			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	,276
		Kurtosis	,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	,327
		Kurtosis	,644
	3	Mean	,073629
		95% Confidence Interval for Mean	
		Lower Bound	
		Upper Bound	

### Descriptives

D_Cluster_Des_4				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		-1,30051
		95% Confidence Interval for Mean	Lower Bound	-1,48641
			Upper Bound	-1,11462
		5% Trimmed Mean		-1,28355
		Median		-1,18655
		Variance		,374
		Std. Deviation		,611443
		Minimum		-2,610
		Maximum		-,289
		Range		2,322
		Interquartile Range		,838
		Skewness		-,502
		Kurtosis		-,375
score_não_financeira2	1	Mean		,41677
		95% Confidence Interval for Mean	Lower Bound	,22801
			Upper Bound	,60552

### Descriptives

D_Cluster_Des_4			Std. Error
score_financeira2	3	5% Trimmed Mean	
		Median	
		Variance	
		Std. Deviation	
		Minimum	
		Maximum	
		Range	
		Interquartile Range	
		Skewness	,398
		Kurtosis	,778
	4	Mean	,092179
		95% Confidence Interval for Mean	Lower Bound Upper Bound
		5% Trimmed Mean	
		Median	
		Variance	
		Std. Deviation	
		Minimum	
		Maximum	
		Range	
		Interquartile Range	
		Skewness	,357
		Kurtosis	,702
score_não_financeira2	1	Mean	,094752
		95% Confidence Interval for Mean	Lower Bound Upper Bound

### Descriptives

D_Cluster_Des_4				Statistic
score_não_financeira2	1	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		,02814
		95% Confidence Interval 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		-1,15179
		95% Confidence Interval for Mean	Lower Bound	-1,45940
			Upper Bound	-,84419

### Descriptives

D_Cluster_Des_4				Std. Error
score_não_financeira2	1	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_4			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	,16243
		95% Confidence Interval for Mean	Lower Bound Upper Bound
			-,18106 ,50592
		5% Trimmed Mean	,17803
		Median	,32692
		Variance	1,276
		Std. Deviation	1,129806
		Minimum	-2,328
		Maximum	2,400
		Range	4,728
		Interquartile Range	1,620
		Skewness	-,151
		Kurtosis	-,329



### Descriptives

D_Cluster_Des_4			Std. Error
score_não_financeira2	3	5% Trimmed Mean	
		Median	
		Variance	
		Std. Deviation	
		Minimum	
		Maximum	
		Range	
		Interquartile Range	
		Skewness	,398
		Kurtosis	,778
	4	Mean	,170325
		95% Confidence Interval for Mean	Lower Bound Upper Bound
		5% Trimmed Mean	
		Median	
		Variance	
		Std. Deviation	
		Minimum	
		Maximum	
		Range	
		Interquartile Range	
		Skewness	,357
		Kurtosis	,702

### M-Estimators

D_Cluster_Des_4		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	-1,23730	-1,18779
score_não_financeira2	1	,40431	,38785
	2	,01250	,00979
	3	-1,11952	-1,10834
	4	,18841	,22078

a. The weighting constant is 1,339.

b. The weighting constant is 4,685.

### M-Estimators

D_Cluster_Des_4		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	-1,24109	-1,18612
score_não_financeira2	1	,40378	,38756
	2	,01695	,00960
	3	-1,11870	-1,10723
	4	,17701	,22446

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_4				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	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>

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_4				Case Number	Value
score_financeira2	2	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	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

### Extreme Values

	D_Cluster_Des_4			Case Number	Value
score_não_financeira2	1	Lowest	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
			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	56	-2,328
			2	37	-2,040
			3	70	-1,945
			4	103	-1,368
			5	132	-1,217

### Tests of Normality

D_Cluster_Des_4		Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk
		Statistic	df	Sig.	Statistic
score_financeira2	1	,064	76	,200 <sup>*</sup>	,988
	2	,154	53	,003	,882
	3	,135	35	,105	,962
	4	,091	44	,200 <sup>*</sup>	,960
score_não_financeira2	1	,081	76	,200 <sup>*</sup>	,987
	2	,144	53	,008	,958
	3	,121	35	,200 <sup>*</sup>	,980
	4	,076	44	,200 <sup>*</sup>	,985

a. Lilliefors Significance Correction

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

### Tests of Normality

D_Cluster_Des_4		Shapiro-Wilk	
		df	Sig.
score_financeira2	1	76	,719
	2	53	,000
	3	35	,265
	4	44	,135
score_não_financeira2	1	76	,659
	2	53	,060
	3	35	,758
	4	44	,829

## score\_financeira2

### Stem-and-Leaf Plots

score\_financeira2 Stem-and-Leaf Plot for  
DO\_CLU4\_1= 1

Frequency   Stem & Leaf

```

1,00 Extremes  (= <-,9)
2,00   -0 . 67
4,00   -0 . 4445
11,00  -0 . 2222233333
22,00  -0 . 00000000000111111111
11,00   0 . 0000111111
15,00   0 . 22222222223333
8,00    0 . 44444455
1,00    0 . 6
1,00 Extremes  (>=1,0)

```

Stem width:   1,000

Each leaf: 1 case(s)

score\_financiera2 Stem-and-Leaf Plot for  
DO\_CLU4\_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\_financiera2 Stem-and-Leaf Plot for  
DO\_CLU4\_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)

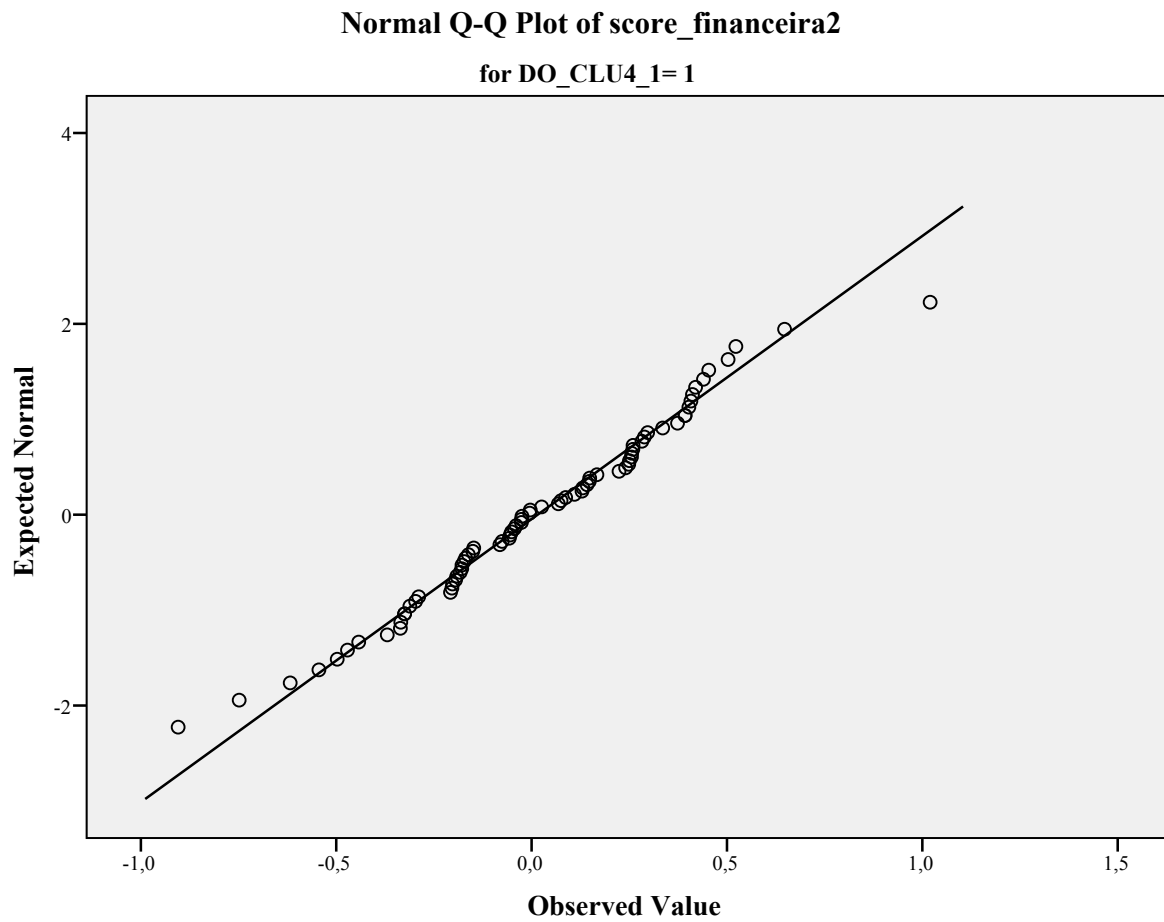
score\_financiera2 Stem-and-Leaf Plot for  
DO\_CLU4\_1= 4

Frequency Stem & Leaf

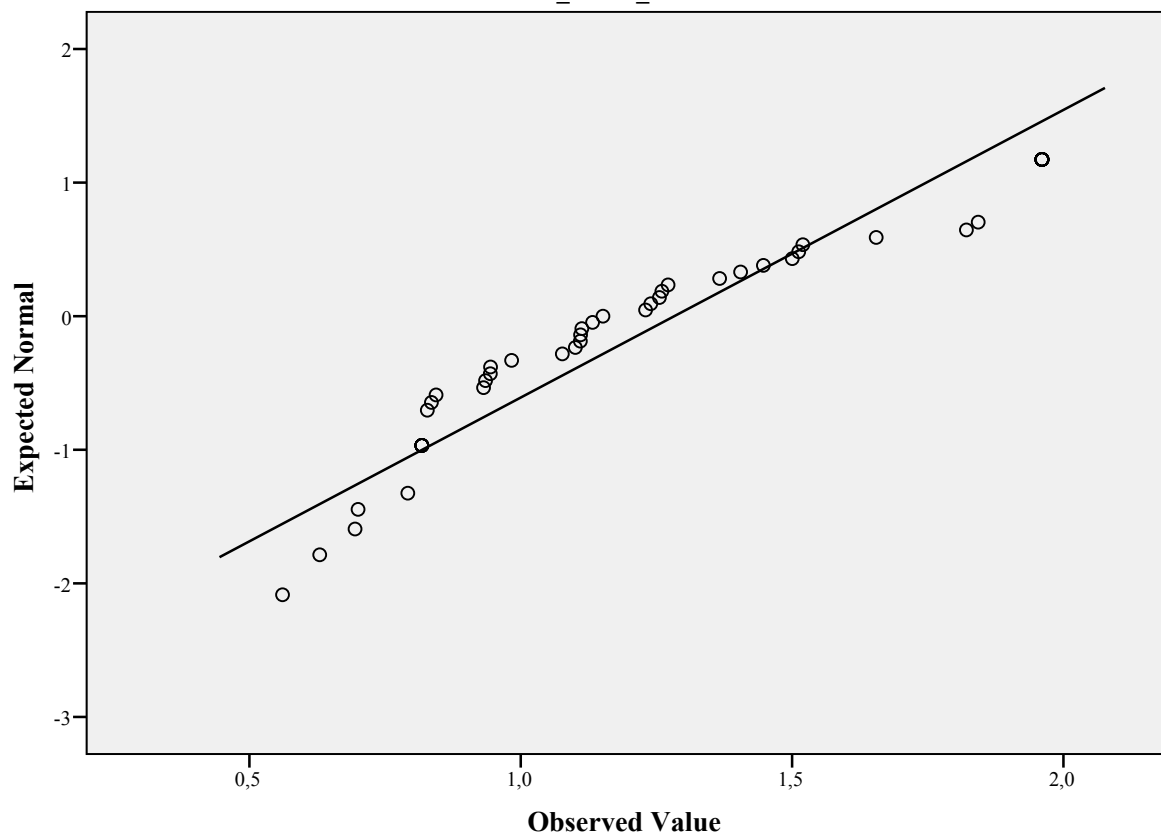
2,00	-2 . 66
4,00	-2 . 2224
7,00	-1 . 5777888
17,00	-1 . 00001111123334444
11,00	-0 . 55666788888
3,00	-0 . 234

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

## Normal Q-Q Plots

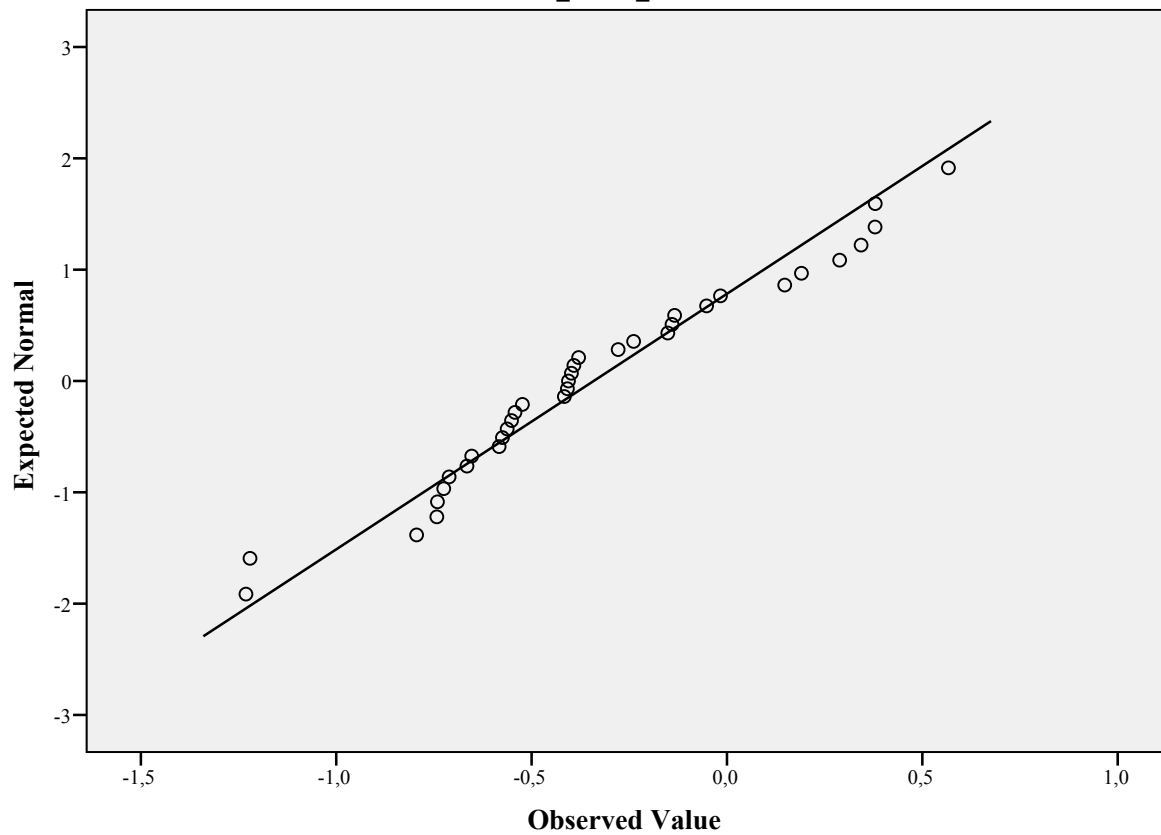


**Normal Q-Q Plot of score\_financeira2**  
**for DO\_CLU4\_1= 2**

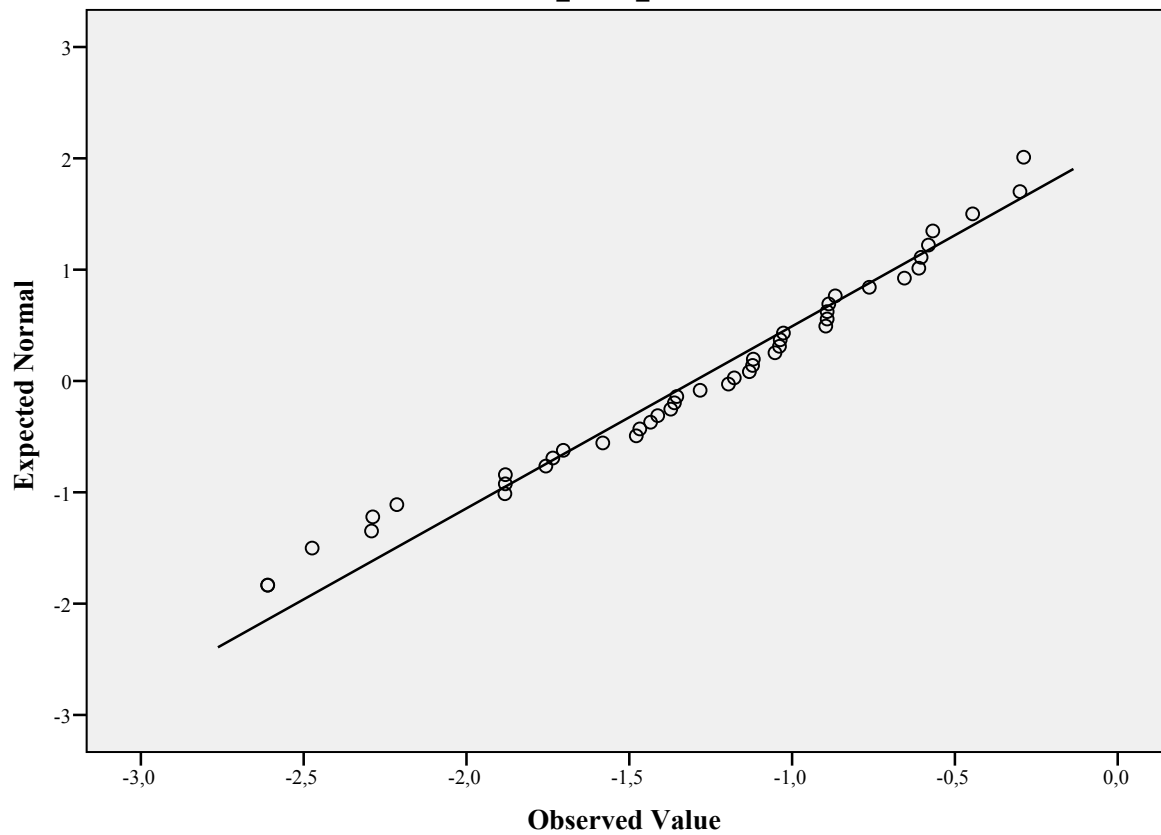




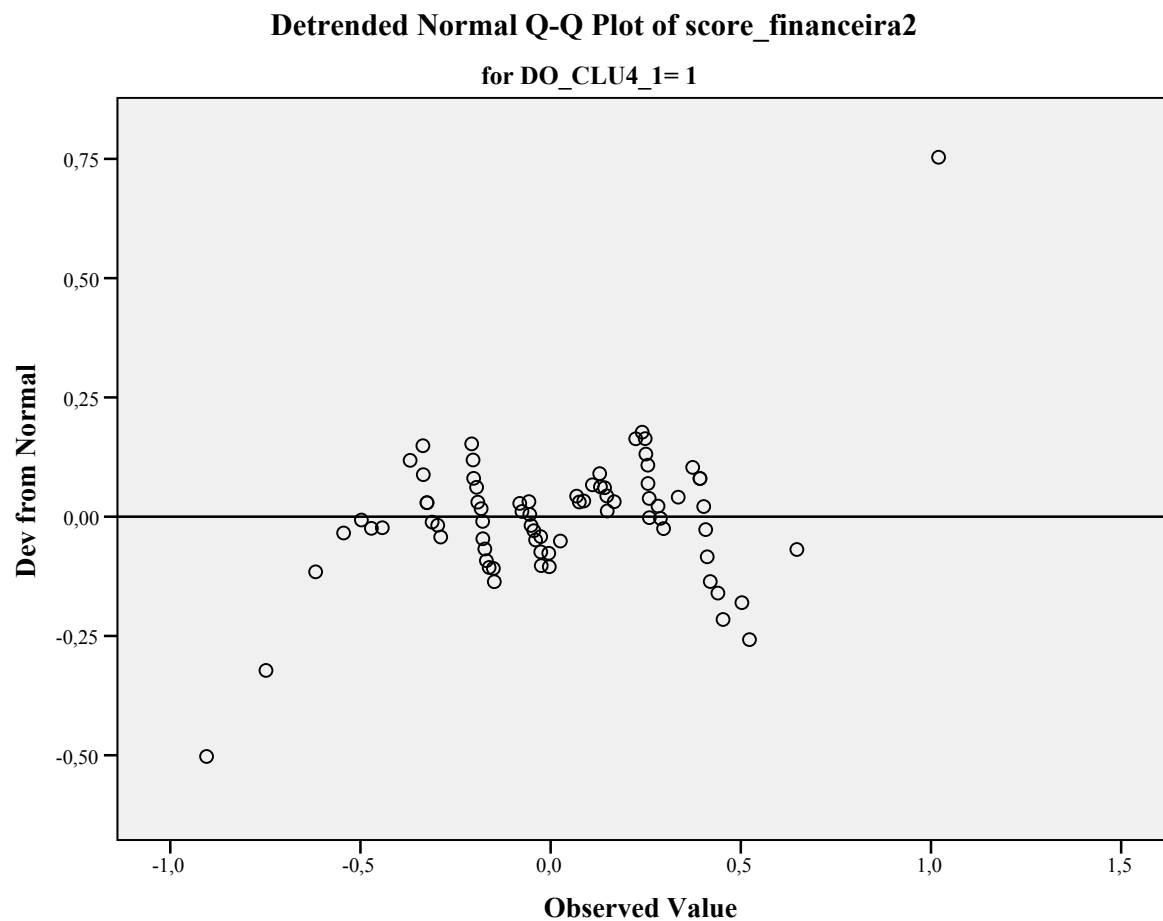
**Normal Q-Q Plot of score\_financeira2**  
**for DO\_CLU4\_1= 3**

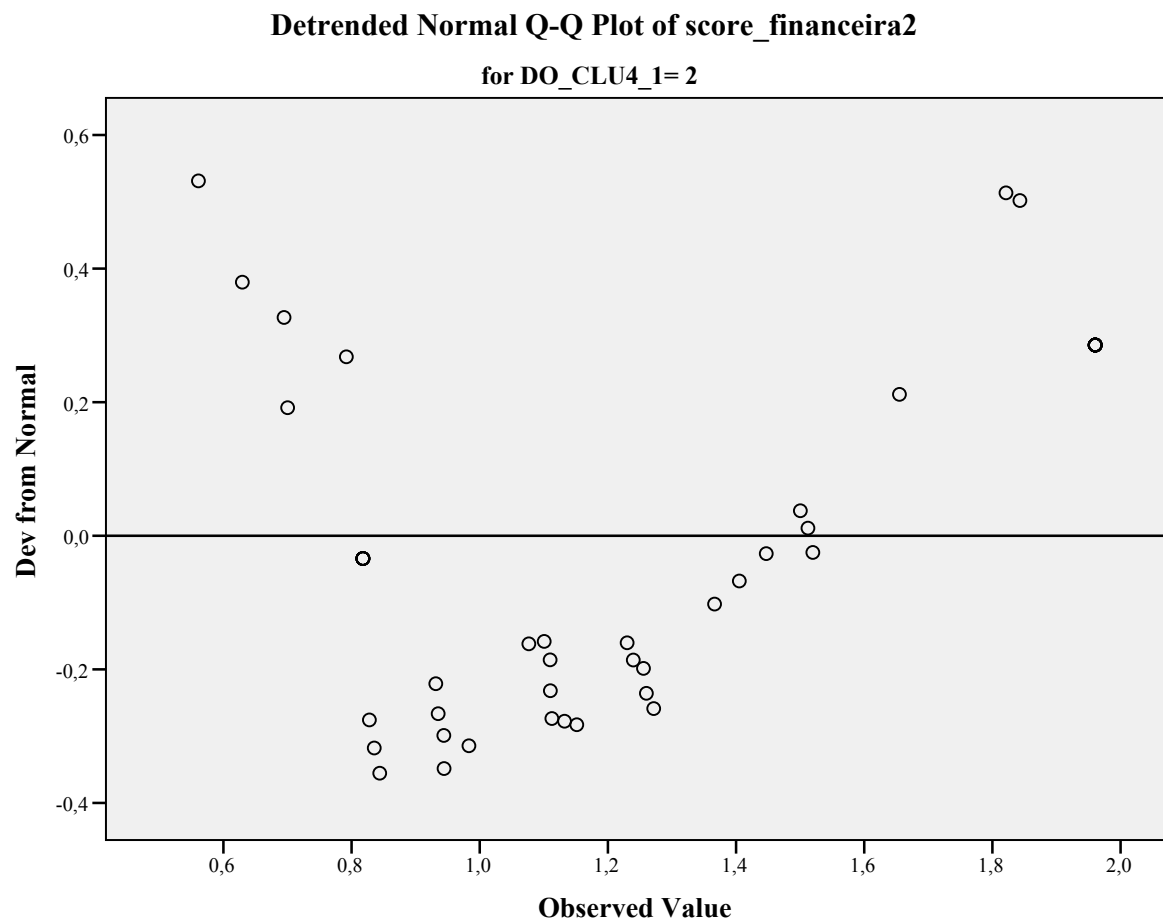


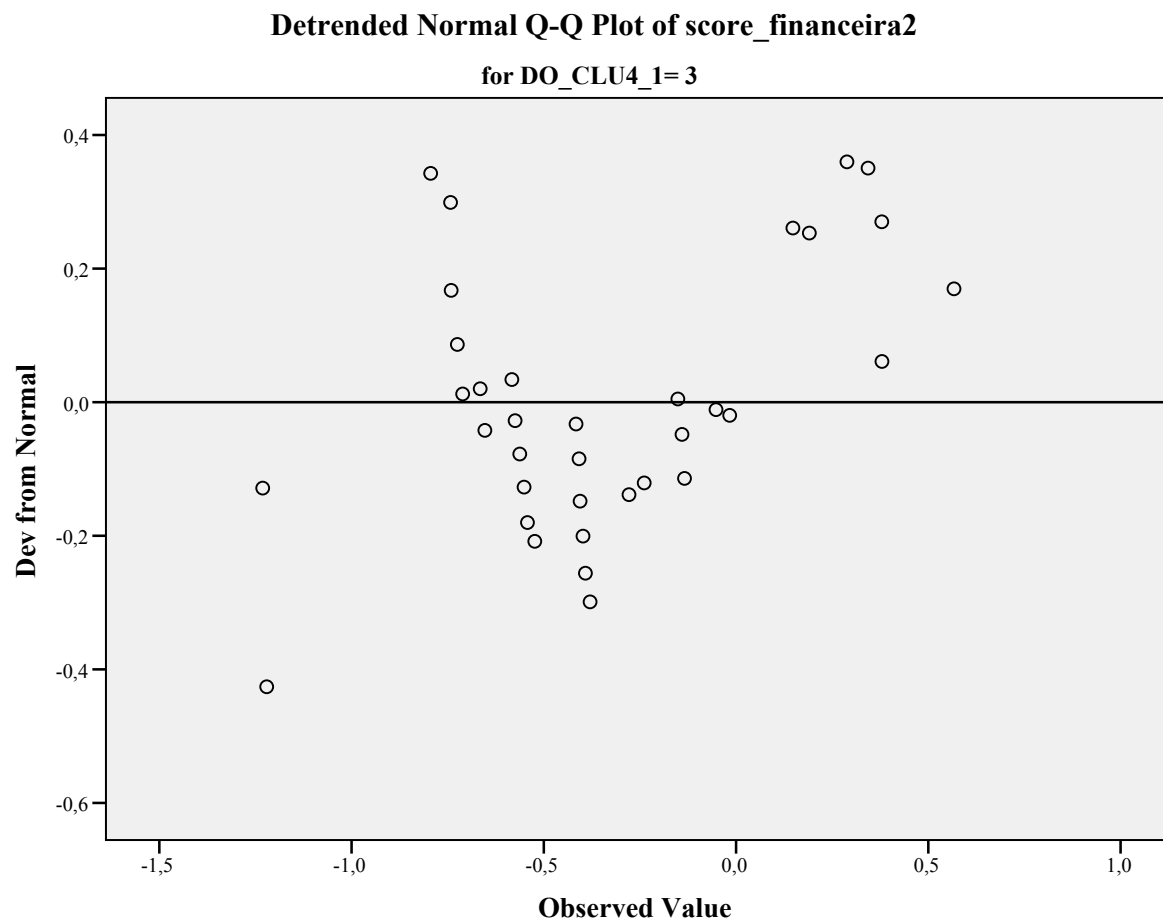
**Normal Q-Q Plot of score\_financeira2**  
**for DO\_CLU4\_1= 4**



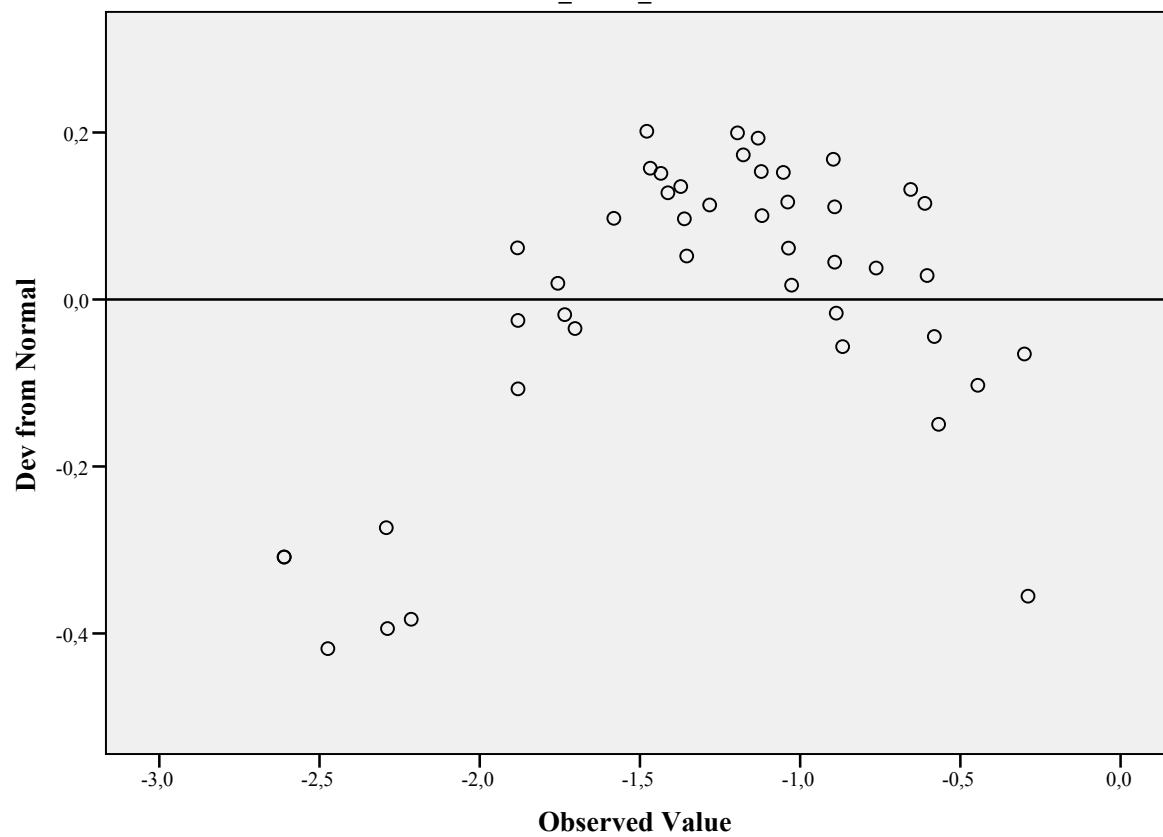
### **Detrended Normal Q-Q Plots**

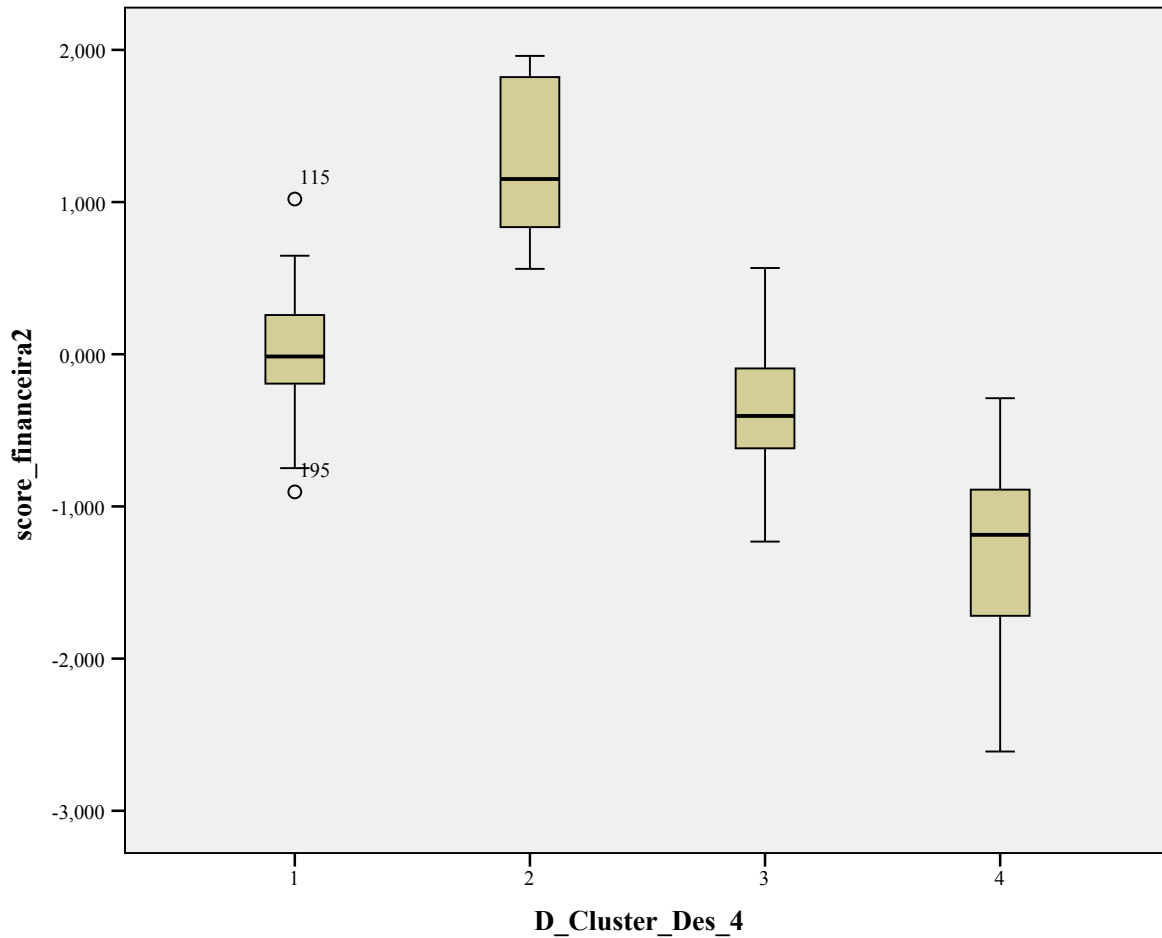






**Detrended Normal Q-Q Plot of score\_financeira2**  
**for DO\_CLU4\_1= 4**





**score\_não\_financeira2**

### Stem-and-Leaf Plots

score\_não\_financeira2 Stem-and-Leaf Plot for  
DO\_CLU4\_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\_CLU4\_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  (>= 1,1)
```

Stem width: 1,000

Each leaf: 1 case(s)

score\_não\_financeira2 Stem-and-Leaf Plot for  
DO\_CLU4\_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  (>= ,7)
```

Stem width: 1,000

Each leaf: 1 case(s)

score\_não\_financeira2 Stem-and-Leaf Plot for  
DO\_CLU4\_1= 4

Frequency Stem & Leaf

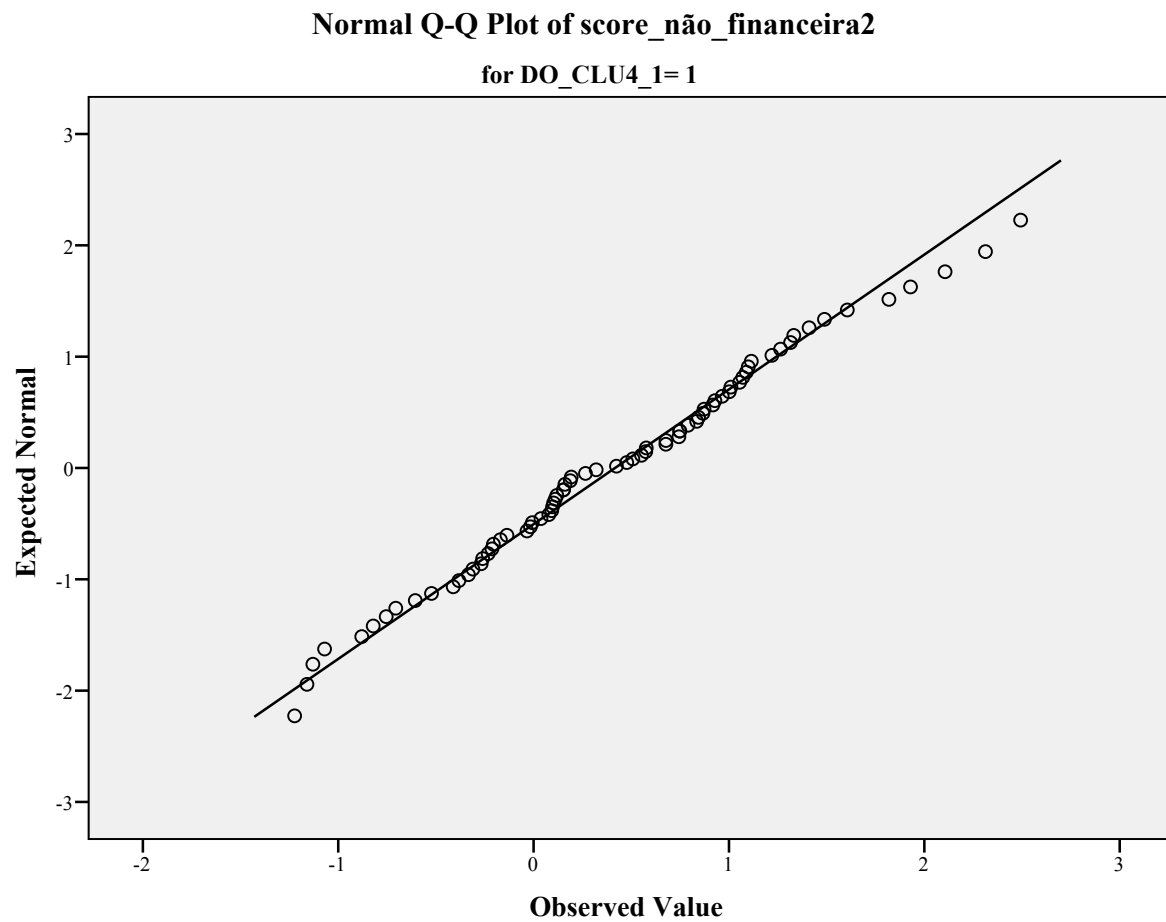
```
2,00  -2 . 03
1,00  -1 . 9
4,00  -1 . 0123
6,00  -0 . 567788
5,00  -0 . 11122
10,00  0 . 0012333344
8,00   0 . 56778999
2,00   1 . 13
```



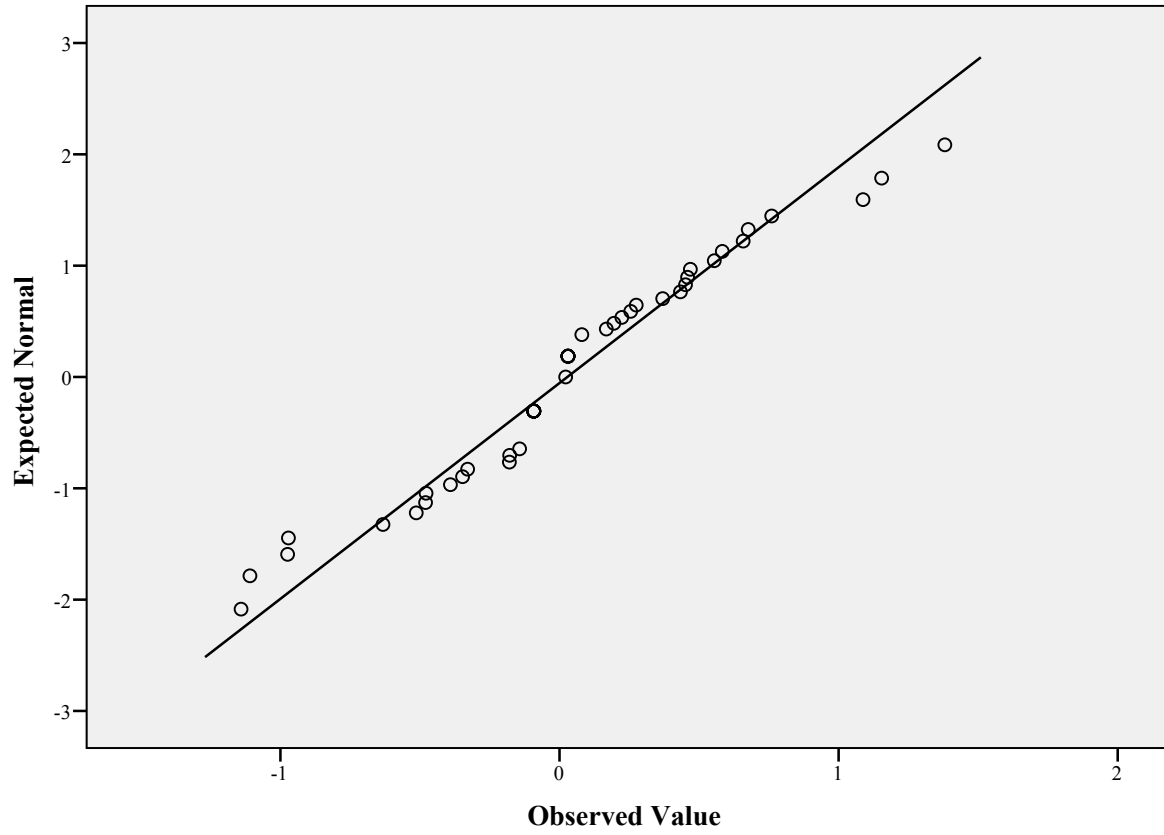
3,00 1 . 678  
3,00 2 . 004

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

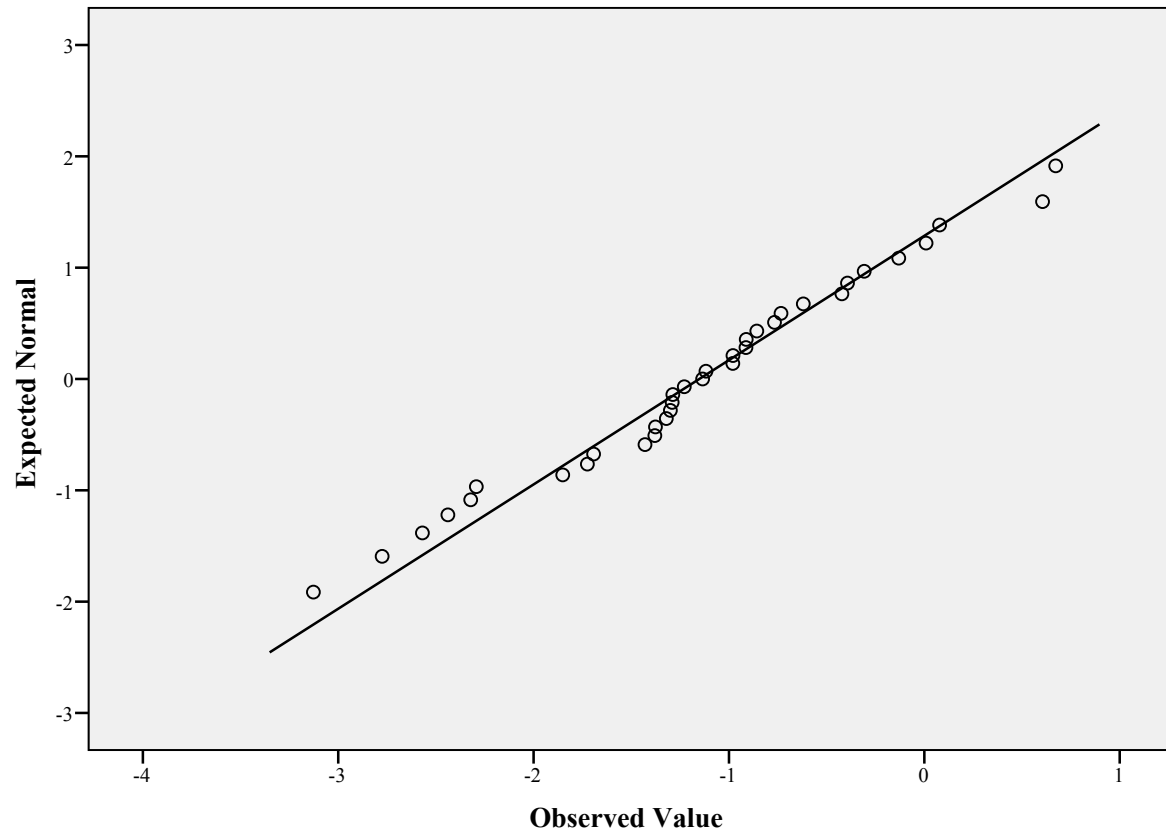
## Normal Q-Q Plots

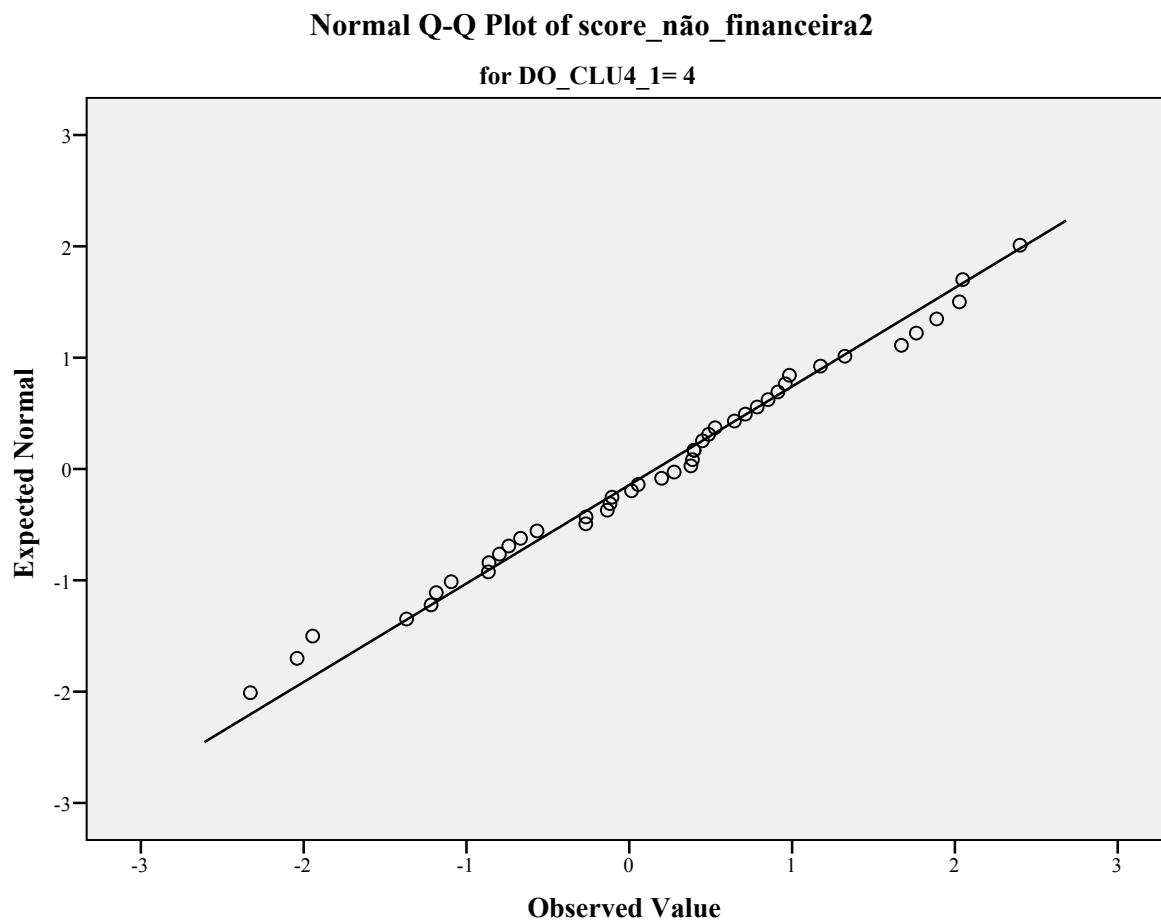


**Normal Q-Q Plot of score\_não\_financeira2**  
**for DO\_CLU4\_1= 2**



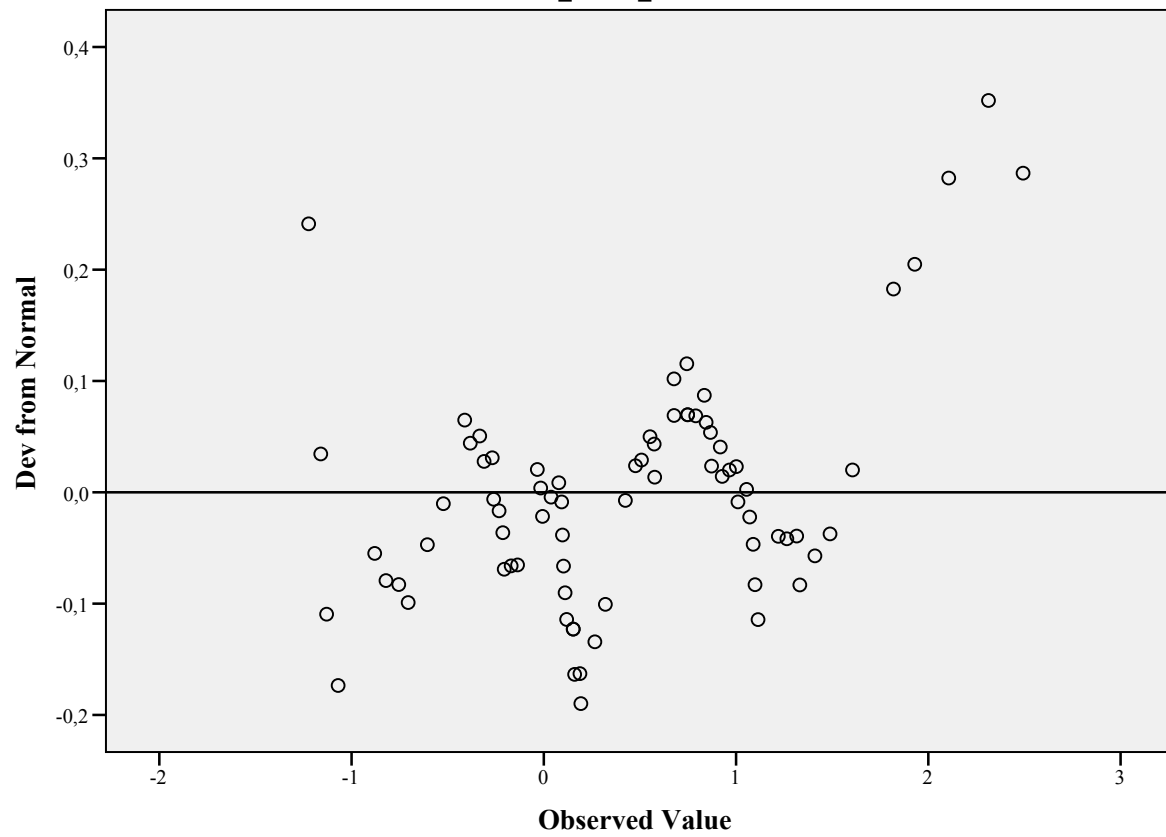
**Normal Q-Q Plot of score\_não\_financeira2**  
**for DO\_CLU4\_1= 3**



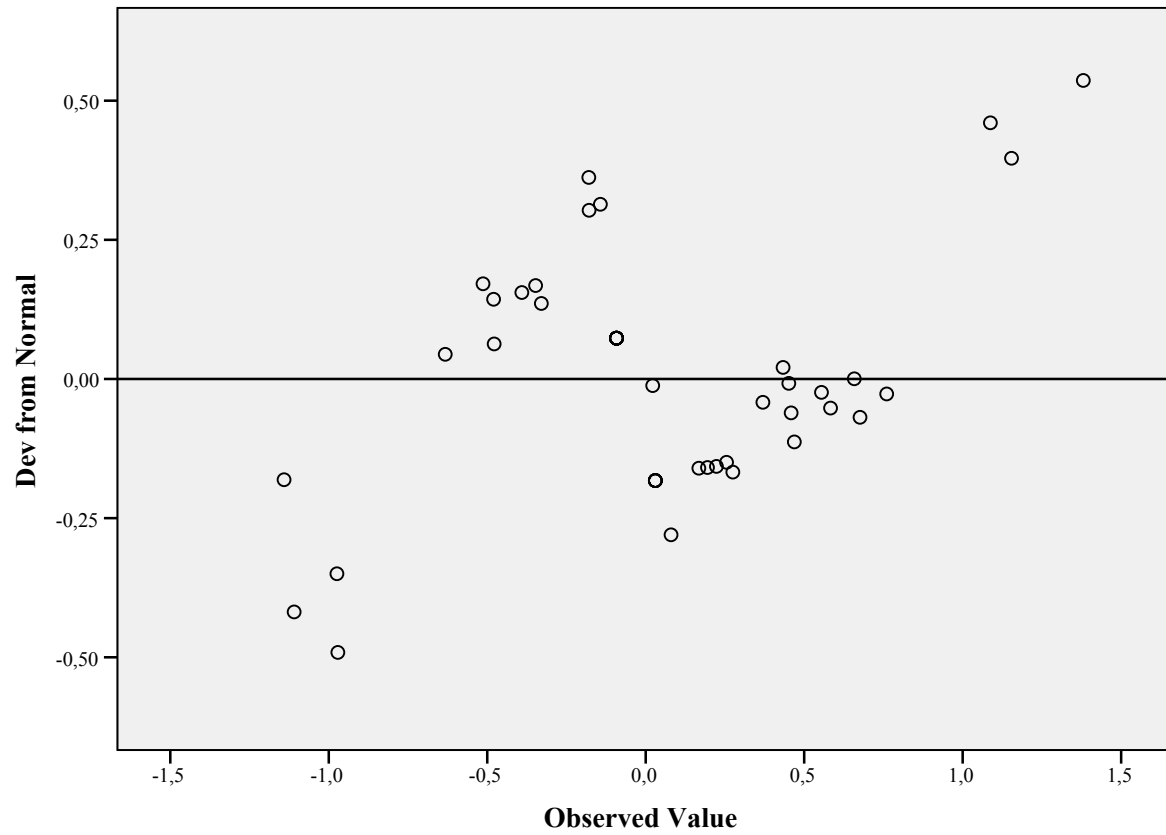


### Detrended Normal Q-Q Plots

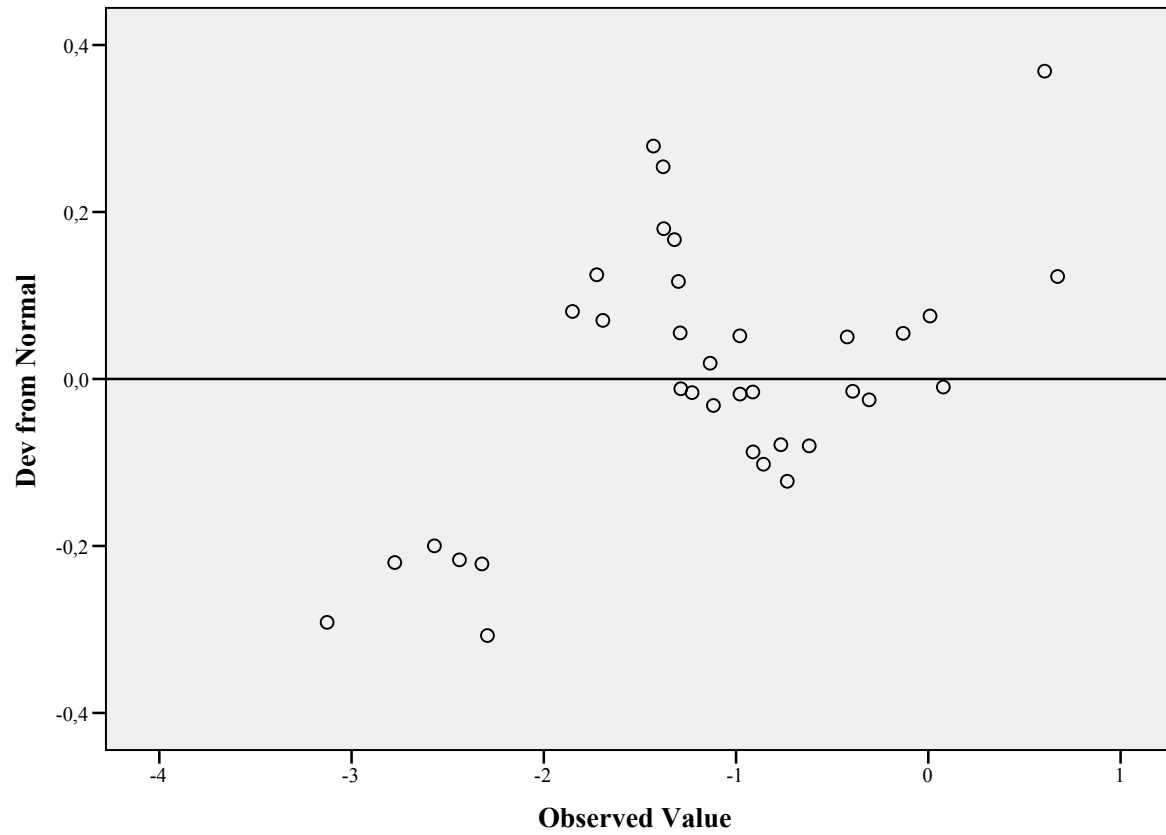
**Detrended Normal Q-Q Plot of score\_não\_financeira2**  
**for DO\_CLU4\_1= 1**



**Detrended Normal Q-Q Plot of score\_não\_financeira2**  
**for DO\_CLU4\_1= 2**



**Detrended Normal Q-Q Plot of score\_não\_financeira2**  
**for DO\_CLU4\_1= 3**



**Detrended Normal Q-Q Plot of score\_não\_financeira2**  
**for DO\_CLU4\_1= 4**

