

```

GET
  FILE='C:\Documents and Settings\Tito\Ambiente de
trabalho\ALMAS\dadosTodoscomResiduos.sav'.
DATASET NAME DataSet1 WINDOW=FRONT.
PRESERVE.
SET RNG=MT MTINDEX=2000000.
SHOW RNG.

```

SHOW

Notes		
Output Created		22-DEC-2013 14:55:02
Comments		
	Data	C:\Documents and Settings\Tito\Ambiente de trabalho\ALMAS\dadosTodoscomResiduos.s av
Input	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
Syntax		SHOW RNG.
Resources	Processor Time	00:00:00,00
	Elapsed Time	00:00:00,00

```

[DataSet1] C:\Documents and Settings\Tito\Ambiente de
trabalho\ALMAS\dadosTodoscomResiduos.sav

```

System Settings		
Keyword	Description	Setting
RNG	Random number generator	MT (Mersenne Twister)

```

BOOTSTRAP
  /SAMPLING METHOD=SIMPLE
  /VARIABLES TARGET=deltaNI INPUT=post
  /CRITERIA CILEVEL=95 CITYPE=PERCENTILE NSAMPLES=1000
  /MISSING USERMISSING=EXCLUDE.

```

Bootstrap

Notes

Output Created	22-DEC-2013 14:55:03	
Comments		
	Data	C:\Documents and Settings\Tito\Ambiente de trabalho\ALMAS\dadosTodoscomResiduos.sav
Input	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	BOOTSTRAP	
	/SAMPLING METHOD=SIMPLE	
	/VARIABLES TARGET=deltaNI	
Syntax	INPUT=post	
	/CRITERIA CILEVEL=95	
	CITYPE=PERCENTILE NSAMPLES=1000	
	/MISSING USERMISSING=EXCLUDE.	
Resources	Processor Time	00:00:00,16
	Elapsed Time	00:00:00,16

[DataSet1] C:\Documents and Settings\Tito\Ambiente de trabalho\ALMAS\dadosTodoscomResiduos.sav

Bootstrap Specifications

Sampling Method	Simple
Number of Samples	1000
Confidence Interval Level	95,0%
Confidence Interval Type	Percentile

```
EXAMINE VARIABLES=deltaNI BY post
  /PLOT BOXPLOT NPLOT
  /COMPARE GROUPS
  /STATISTICS DESCRIPTIVES
  /CINTERVAL 95
  /MISSING LISTWISE
  /NOTOTAL.
```

Explore

Notes			
Output Created		22-DEC-2013 14:55:04	
Comments			
Input	Data	C:\Documents and Settings\Tito\Ambiente de trabalho\ALMAS\dadosTodoscomResiduos.sav	
	Active Dataset	DataSet1	
	Filter	<none>	
	Weight	<none>	
	Split File	<none>	
	N of Rows in Working Data File	4871233	
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.	
		EXAMINE VARIABLES=deltaNI BY post /PLOT BOXPLOT NPLOT /COMPARE GROUPS /STATISTICS DESCRIPTIVES /INTERVAL 95 /MISSING LISTWISE /NOTOTAL.	
Syntax			
Resources	Processor Time	00:47:05,59	
	Elapsed Time	00:50:40,77	

[DataSet1] C:\Documents and Settings\Tito\Ambiente de trabalho\ALMAS\dadosTodoscomResiduos.sav

post

Case Processing Summary							
	post	Cases					
		Valid		Missing		Total	
		N	Percent	N	Percent	N	Percent
deltaNI	0	3814	100,0%	0	0,0%	3814	100,0%
	1	3882	100,0%	0	0,0%	3882	100,0%

Descriptives									
	post			Statistic	Std. Error	Bootstrap ^a			
						Bias	Std. Error	95% Confidence Interval	
								Lower	Upper
deltaNI	0	Mean		,0434	,02221	-,0005	,0219	-,0022	,0834
		95% Confidence Interval for Mean	Lower Bound	-,0002					
			Upper Bound	,0869					
		5% Trimmed Mean		,0023		,0001	,0044	-,0056	,0113
		Median		,0000		,0000	,0000	,0000	,0000
		Variance		1,882		,026	,526	1,052	3,103
		Std. Deviation		1,37169		-,00353	,18833	1,02586	1,76141
		Minimum		-37,62					
		Maximum		15,17					
		Range		52,79					
	Interquartile Range		,07		,00	,00	,07	,08	
	Skewness		-7,988	,040	1,347	4,528	-12,869	5,311	
	Kurtosis		282,613	,079	-31,652	75,654	73,491	379,778	
	1	Mean		,4083	,16309	,0070	,1602	,0383	,6611
		95% Confidence Interval for Mean	Lower Bound	,0886					
			Upper Bound	,7281					
		5% Trimmed Mean		,3831		,0011	,0178	,3499	,4203
		Median		,0220		,0000	,0041	,0150	,0300
		Variance		103,259		-3,365	79,710	12,189	268,143
		Std. Deviation		10,16164		-1,00698	4,01279	3,49134	16,37508
		Minimum		-551,52					
		Maximum		140,59					
		Range		692,11					
		Interquartile Range		,55		,01	,03	,50	,63
		Skewness		-41,623	,039	17,525	19,447	-50,307	14,389
		Kurtosis		2271,446	,079	-950,334	831,336	315,041	2906,008

a. Unless otherwise noted, bootstrap results are based on 1000 bootstrap samples

Tests of Normality							
	post	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
deltaNI	0	,345	3814	,000	,272	3814	,000
	1	,424	3882	,000	,069	3882	,000

a. Lilliefors Significance Correction

```

RESTORE.
PRESERVE.
SET RNG=MT MTINDEX=2000000.
SHOW RNG.

```

SHOW

Notes

Output Created	22-DEC-2013 15:45:45	
Comments		
	Data	C:\Documents and Settings\Tito\Ambiente de trabalho\ALMAS\dadosTodoscomResiduos.sav
Input	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
Syntax	SHOW RNG.	
Resources	Processor Time	00:00:00,00
	Elapsed Time	00:00:00,02

[DataSet1] C:\Documents and Settings\Tito\Ambiente de trabalho\ALMAS\dadosTodoscomResiduos.sav

System Settings

Keyword	Description	Setting
RNG	Random number generator	MT (Mersenne Twister)

```
BOOTSTRAP
  /SAMPLING METHOD=SIMPLE
  /VARIABLES TARGET=deltaNI_RES INPUT=post
  /CRITERIA CILEVEL=95 CITYPE=PERCENTILE NSAMPLES=1000
  /MISSING USERMISSING=EXCLUDE.
```

Bootstrap

Notes

Output Created	22-DEC-2013 15:45:45	
Comments		
	Data	C:\Documents and Settings\Tito\Ambiente de trabalho\ALMAS\dadosTodoscomResiduos.sav
Input	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
Syntax	BOOTSTRAP /SAMPLING METHOD=SIMPLE /VARIABLES TARGET=deltaNI_RES INPUT=post /CRITERIA CILEVEL=95 CITYPE=PERCENTILE NSAMPLES=1000 /MISSING USERMISSING=EXCLUDE.	
Resources	Processor Time	00:00:00,08
	Elapsed Time	00:00:00,23

[DataSet1] C:\Documents and Settings\Tito\Ambiente de trabalho\ALMAS\dadosTodoscomResiduos.sav

Bootstrap Specifications

Sampling Method	Simple
Number of Samples	1000
Confidence Interval Level	95,0%
Confidence Interval Type	Percentile

```
EXAMINE VARIABLES=deltaNI_RES BY post
  /PLOT BOXPLOT NPLOT
  /COMPARE GROUPS
  /STATISTICS DESCRIPTIVES
  /CINTERVAL 95
  /MISSING LISTWISE
  /NOTOTAL.
```

Explore

Notes		
Output Created		22-DEC-2013 15:45:45
Comments		
	Data	C:\Documents and Settings\Tito\Ambiente de trabalho\ALMAS\dadosTodoscomResiduos.sav
Input	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	4645745
	Definition of Missing	User-defined missing values for dependent variables are treated as missing.
Missing Value Handling	Cases Used	Statistics are based on cases with no missing values for any dependent variable or factor used.
		EXAMINE VARIABLES=deltaNI_RES BY post
		/PLOT BOXPLOT NPLOT
		/COMPARE GROUPS
		/STATISTICS DESCRIPTIVES
		/INTERVAL 95
		/MISSING LISTWISE
		/NOTOTAL.
Syntax		
	Processor Time	00:39:45,83
Resources	Elapsed Time	00:39:54,59

[DataSet1] C:\Documents and Settings\Tito\Ambiente de trabalho\ALMAS\dadosTodoscomResiduos.sav

post

Case Processing Summary

	post	Cases					
		Valid		Missing		Total	
		N	Percent	N	Percent	N	Percent
delta NI Unstandardized Residual	0	3646	100,0%	0	0,0%	3646	100,0%
	1	3693	100,0%	0	0,0%	3693	100,0%

Descriptives

	post		Statistic	Std. Error	Bootstrap ^a			
					Bias	Std. Error	95% Confidence Interval	
							Lower	Upper
delta NI Unstandardized Residual	0	Mean	,0000000	,01923821	-,0001193	,0194553	-,0389876	,0352197
		Lower Bound	-,0377187					
		95% Confidence Interval for Mean						
		Upper Bound	,0377187					
		5% Trimmed Mean	-,0519059		-,0001069	,0047612	-,0611443	-,0420986
		Median	,0019038		,0000952	,0030818	-,0040916	,0078268
		Variance	1,349		,009	,458	,686	2,453
		Std. Deviation	1,16164369		-,01178506	,19077403	,82828883	1,56620014
		Minimum	-37,56166					
		Maximum	13,54081					
	Range	51,10247						
	Interquartile Range	,21461		,00024	,00668	,20157	,22880	
	Skewness	-8,226	,041	2,775	6,859	-14,863	7,121	
	Kurtosis	366,614	,081	-78,027	142,969	72,297	527,997	
	1	Mean	,0000000	,05261125	-,0028182	,0540358	-,1009828	,1032253
		Lower Bound	-,1031500					
		95% Confidence Interval for Mean						
		Upper Bound	,1031500					
		5% Trimmed Mean	,0934005		-,0003252	,0146274	,0648841	,1225357
		Median	,2925866		-,0001163	,0059930	,2803507	,3040304
		Variance	10,222		-,197	5,707	2,385	22,894
		Std. Deviation	3,19718867		-,16009117	,89533452	1,54450539	4,78471755
		Minimum	-79,65387					
		Maximum	140,90721					
		Range	220,56109					
		Interquartile Range	,47691		,00022	,01291	,45439	,51117
		Skewness	17,804	,040	-10,364	18,532	-20,672	35,330
		Kurtosis	1146,806	,081	-321,038	435,656	70,605	1802,132

a. Unless otherwise noted, bootstrap results are based on 1000 bootstrap samples

Tests of Normality

	post	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
delta NI Unstandardized Residual	0	,353	3646	,000	,300	3646	,000
	1	,312	3693	,000	,201	3693	,000

a. Lilliefors Significance Correction

RESTORE.
PRESERVE.
SET RNG=MT MTINDEX=2000000.
SHOW RNG.

SHOW

Notes

Output Created	22-DEC-2013 16:25:40
Comments	
Data	C:\Documents and Settings\Tito\Ambiente de trabalho\ALMAS\dadosTodoscomResiduos.sav
Input	Active Dataset DataSet1
Filter	<none>
Weight	<none>
Split File	<none>
Syntax	SHOW RNG.
Resources	Processor Time 00:00:00,00
Elapsed Time	00:00:00,00

[DataSet1] C:\Documents and Settings\Tito\Ambiente de trabalho\ALMAS\dadosTodoscomResiduos.sav

System Settings

Keyword	Description	Setting
RNG	Random number generator	MT (Mersenne Twister)

```
BOOTSTRAP
/SAMPLING METHOD=SIMPLE
/VARIABLES TARGET=deltaCF_RES INPUT=post
/CRITERIA CILEVEL=95 CITYPE=PERCENTILE NSAMPLES=1000
/MISSING USERMISSING=EXCLUDE.
```

Bootstrap

Notes

Output Created	22-DEC-2013 16:25:40	
Comments		
	Data	C:\Documents and Settings\Tito\Ambiente de trabalho\ALMAS\dadosTodoscomResiduos.sav
Input	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	BOOTSTRAP	
	/SAMPLING METHOD=SIMPLE	
	/VARIABLES TARGET=deltaCF_RES	
Syntax	INPUT=post	
	/CRITERIA CILEVEL=95	
	CITYPE=PERCENTILE NSAMPLES=1000	
	/MISSING USERMISSING=EXCLUDE.	
Resources	Processor Time	00:00:00,06
	Elapsed Time	00:00:00,16

[DataSet1] C:\Documents and Settings\Tito\Ambiente de trabalho\ALMAS\dadosTodoscomResiduos.sav

Bootstrap Specifications

Sampling Method	Simple
Number of Samples	1000
Confidence Interval Level	95,0%
Confidence Interval Type	Percentile

```
EXAMINE VARIABLES=deltaCF_RES BY post
/PLOT BOXPLOT NPLOT
/COMPARE GROUPS
/STATISTICS DESCRIPTIVES
/CINTERVAL 95
/MISSING LISTWISE
/NOTOTAL.
```

Explore

Notes

Output Created		22-DEC-2013 16:25:40
Comments		
	Data	C:\Documents and Settings\Tito\Ambiente de trabalho\ALMAS\dadosTodoscomResiduos.sav
Input	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	3610085
	Definition of Missing	User-defined missing values for dependent variables are treated as missing.
Missing Value Handling	Cases Used	Statistics are based on cases with no missing values for any dependent variable or factor used.
		EXAMINE VARIABLES=deltaCF_RES BY post
		/PLOT BOXPLOT NPLOT
		/COMPARE GROUPS
		/STATISTICS DESCRIPTIVES
		/INTERVAL 95
		/MISSING LISTWISE
		/NOTOTAL.
	Processor Time	00:30:51,47
Resources	Elapsed Time	00:30:55,16

[DataSet1] C:\Documents and Settings\Tito\Ambiente de trabalho\ALMAS\dadosTodoscomResiduos.sav

post

Case Processing Summary

	post	Cases					
		Valid		Missing		Total	
		N	Percent	N	Percent	N	Percent
delta CF Unstandardized Residual	0	3646	100,0%	0	0,0%	3646	100,0%
	1	2057	100,0%	0	0,0%	2057	100,0%

Descriptives								
	post		Statistic	Std. Error	Bootstrap ^a			
					Bias	Std. Error	95% Confidence Interval	
							Lower	Upper
delta CF Unstandardized Residual	0	Mean	,0000000	,00367787	,0000361	,0035682	-,0069130	,0066195
		95% Confidence Interval for Mean						
		Lower Bound	-,0072109					
		Upper Bound	,0072109					
		5% Trimmed Mean	,0155837		,0000487	,0024326	,0107790	,0201352
		Median	,0576948		-,0000586	,0005351	,0563824	,0586344
		Variance	,049		,000	,004	,042	,057
		Std. Deviation	,22207772		,00003134	,00829595	,20599526	,23888564
		Minimum	-1,90554					
		Maximum	,76681					
		Range	2,67235					
		Interquartile Range	,08153		-,00015	,00400	,07250	,08879
		Skewness	-2,651	,041	,018	,274	-3,108	-2,060
		Kurtosis	18,656	,081	-,189	1,863	14,526	22,087
	1	Mean	,0000000	,00240282	-,0000929	,0023239	-,0049837	,0045585
		95% Confidence Interval for Mean						
		Lower Bound	-,0047122					
		Upper Bound	,0047122					
		5% Trimmed Mean	,0129088		-,0000190	,0001686	,0125362	,0131969
		Median	,0134121		,0000034	,0000220	,0133810	,0134631
		Variance	,012		,000	,003	,007	,017
		Std. Deviation	,10897799		-,00031629	,01273119	,08160346	,13212717
		Minimum	-1,46396					
		Maximum	,45867					
		Range	1,92263					
		Interquartile Range	,00262		,00001	,00011	,00241	,00285
		Skewness	-10,368	,054	-,091	1,134	-13,156	-8,750
		Kurtosis	115,004	,108	4,087	29,285	79,931	193,518

a. Unless otherwise noted, bootstrap results are based on 1000 bootstrap samples

Tests of Normality							
	post	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
delta CF Unstandardized Residual	0	,231	3646	,000	,672	3646	,000
	1	,432	2057	,000	,127	2057	,000

a. Lilliefors Significance Correction

RESTORE.
 PRESERVE.
 SET RNG=MT MTINDEX=2000000.
 SHOW RNG.

SHOW

Notes

Output Created	22-DEC-2013 17:09:44	
Comments		
	Data	C:\Documents and Settings\Tito\Ambiente de trabalho\ALMAS\dadosTodoscomResiduos.sav
Input	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
Syntax	SHOW RNG.	
Resources	Processor Time	00:00:00,00
	Elapsed Time	00:00:00,00

[DataSet1] C:\Documents and Settings\Tito\Ambiente de trabalho\ALMAS\dadosTodoscomResiduos.sav

System Settings

Keyword	Description	Setting
RNG	Random number generator	MT (Mersenne Twister)

```
BOOTSTRAP
  /SAMPLING METHOD=SIMPLE
  /VARIABLES TARGET=deltaNI_RES INPUT=post
  /CRITERIA CILEVEL=95 CITYPE=PERCENTILE NSAMPLES=1000
  /MISSING USERMISSING=EXCLUDE.
```

Bootstrap

Notes

Output Created	22-DEC-2013 17:09:44	
Comments		
	Data	C:\Documents and Settings\Tito\Ambiente de trabalho\ALMAS\dadosTodoscomResiduos.sav
Input	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
Syntax	BOOTSTRAP /SAMPLING METHOD=SIMPLE /VARIABLES TARGET=deltaNI_RES INPUT=post /CRITERIA CILEVEL=95 CITYPE=PERCENTILE NSAMPLES=1000 /MISSING USERMISSING=EXCLUDE.	
Resources	Processor Time	00:00:00,09
	Elapsed Time	00:00:00,13

[DataSet1] C:\Documents and Settings\Tito\Ambiente de trabalho\ALMAS\dadosTodoscomResiduos.sav

Bootstrap Specifications

Sampling Method	Simple
Number of Samples	1000
Confidence Interval Level	95,0%
Confidence Interval Type	Percentile

```
T-TEST GROUPS=post (0 1)
  /MISSING=ANALYSIS
  /VARIABLES=deltaNI_RES
  /CRITERIA=CI (.95) .
```

T-Test

Notes

Output Created	22-DEC-2013 17:09:45	
Comments		
Input	Data	C:\Documents and Settings\Tito\Ambiente de trabalho\ALMAS\dadosTodoscomResiduos.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	4645745
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=post(0 1) /MISSING=ANALYSIS /VARIABLES=deltaNI_RES /CRITERIA=CI(.95).
Resources	Processor Time	00:02:34,28
	Elapsed Time	00:02:36,47

[DataSet1] C:\Documents and Settings\Tito\Ambiente de trabalho\ALMAS\dadosTodoscomResiduos.sav

Group Statistics

Group Statistics							
	post	Statistic	Bootstrap ^a				
			Bias	Std. Error	95% Confidence Interval		
					Lower	Upper	
delta NI Unstandardized Residual	0	N	3646				
		Mean	,0000000	-,0001193	,0194553	-,0389876	,0352197
		Std. Deviation	1,16164369	-,01178506	,19077403	,82828883	1,56620014
		Std. Error Mean	,01923821				
	1	N	3693				
		Mean	,0000000	-,0028182	,0540358	-,1009828	,1032253
		Std. Deviation	3,19718867	-,16009117	,89533452	1,54450539	4,78471755
		Std. Error Mean	,05261125				

a. Unless otherwise noted, bootstrap results are based on 1000 bootstrap samples

Independent Samples Test										
		Levene's Test for Equality of Variances		t-test for Equality of Means						
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
delta NI Unstandardized Residual	Equal variances assumed	82,809	,000	,000	7337	1,000	,00000000	,05629411	-,11035264	,11035264
	Equal variances not assumed			,000	4660,935	1,000	,00000000	,05601832	-,10982241	,10982241

Bootstrap for Independent Samples Test							
		Mean Difference	Bootstrap ^a				
			Bias	Std. Error	Sig. (2-tailed)	95% Confidence Interval	
						Lower	Upper
delta NI Unstandardized Residual	Equal variances assumed	,00000000	,00269890	,05750707	1,000	-,11565215	,10866169
	Equal variances not assumed	,00000000	,00269890	,05750707	1,000	-,11565215	,10866169

a. Unless otherwise noted, bootstrap results are based on 1000 bootstrap samples

```
RESTORE.
PRESERVE.
SET RNG=MT MTINDEX=2000000.
SHOW RNG.
```

SHOW

Notes		
Output Created	22-DEC-2013 17:16:00	
Comments	C:\Documents and Settings\Tito\Ambiente de trabalho\ALMAS\dadosTodoscomResiduos.sav	
Input	Data	
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
Syntax	SHOW RNG.	
Resources	Processor Time	00:00:00,00
	Elapsed Time	00:00:00,00

```
[DataSet1] C:\Documents and Settings\Tito\Ambiente de
trabalho\ALMAS\dadosTodoscomResiduos.sav
```

System Settings

Keyword	Description	Setting
RNG	Random number generator	MT (Mersenne Twister)

```

BOOTSTRAP
  /SAMPLING METHOD=SIMPLE
  /VARIABLES TARGET=deltaCF_RES INPUT=post
  /CRITERIA CILEVEL=95 CITYPE=PERCENTILE NSAMPLES=1000
  /MISSING USERMISSING=EXCLUDE.

```

Bootstrap

Notes

Output Created	22-DEC-2013 17:16:00
Comments	
Data	C:\Documents and Settings\Tito\Ambiente de trabalho\ALMAS\dadosTodoscomResiduos.sav
Input	Active Dataset Filter Weight Split File
Syntax	DataSet1 <none> <none> <none> BOOTSTRAP /SAMPLING METHOD=SIMPLE /VARIABLES TARGET=deltaCF_RES INPUT=post /CRITERIA CILEVEL=95 CITYPE=PERCENTILE NSAMPLES=1000 /MISSING USERMISSING=EXCLUDE.
Resources	Processor Time Elapsed Time
	00:00:00,06 00:00:00,09

```

[DataSet1] C:\Documents and Settings\Tito\Ambiente de
trabalho\ALMAS\dadosTodoscomResiduos.sav

```

Bootstrap Specifications

Sampling Method	Simple
Number of Samples	1000
Confidence Interval Level	95,0%
Confidence Interval Type	Percentile

```
T-TEST GROUPS=post(0 1)
/MISSING=ANALYSIS
/VARIABLES=deltaCF_RES
/CRITERIA=CI(.95).
```

T-Test

Notes

Output Created	22-DEC-2013 17:16:00
Comments	
Input	C:\Documents and Settings\Tito\Ambiente de trabalho\ALMAS\dadosTodoscomResiduos.sav
Data	
Active Dataset	DataSet1
Filter	<none>
Weight	<none>
Split File	<none>
N of Rows in Working Data File	3610085
Definition of Missing	User defined missing values are treated as missing.
Missing Value Handling	Statistics for each analysis are based on the cases with no missing or out-of-range data for any variable in the analysis.
Cases Used	T-TEST GROUPS=post(0 1)
Syntax	/MISSING=ANALYSIS /VARIABLES=deltaCF_RES /CRITERIA=CI(.95).
Resources	
Processor Time	00:01:14,20
Elapsed Time	00:01:14,86

```
[DataSet1] C:\Documents and Settings\Tito\Ambiente de trabalho\ALMAS\dadosTodoscomResiduos.sav
```

Group Statistics						
	post	Statistic	Bootstrap ^a			
			Bias	Std. Error	95% Confidence Interval	
					Lower	Upper
delta CF Unstandardized Residual	0	N	3646			
		Mean	,0000000	,0000361	,0035682	-,0069130
		Std. Deviation	,22207772	,00003134	,00829595	,20599526
		Std. Error Mean	,00367787			,23888564
	1	N	2057			
		Mean	,0000000	-,0000929	,0023239	-,0049837
		Std. Deviation	,10897799	-,00031629	,01273119	,08160346
		Std. Error Mean	,00240282			,13212717

a. Unless otherwise noted, bootstrap results are based on 1000 bootstrap samples

Independent Samples Test									
		Levene's Test for Equality of Variances		t-test for Equality of Means					
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference
									Lower Upper
delta CF Unstandardized Residual	Equal variances assumed	513,820	,000	,000	5701	1,000	,00000000	,00521868	-,01023060 ,01023060
	Equal variances not assumed			,000	5609,008	1,000	,00000000	,00439321	-,00861239 ,00861239

Bootstrap for Independent Samples Test							
		Mean Difference	Bootstrap ^a				
			Bias	Std. Error	Sig. (2-tailed)	95% Confidence Interval	
						Lower	Upper
delta CF Unstandardized Residual	Equal variances assumed	,00000000	,00012898	,00429022	1,000	-,00859687	,00878662
	Equal variances not assumed	,00000000	,00012898	,00429022	1,000	-,00859687	,00878662

a. Unless otherwise noted, bootstrap results are based on 1000 bootstrap samples

RESTORE.
 PRESERVE.
 SET RNG=MT MTINDEX=2000000.
 SHOW RNG.

SHOW

		Notes
Output Created		22-DEC-2013 17:19:52
Comments		
	Data	C:\Documents and Settings\Tito\Ambiente de trabalho\ALMAS\dadosTodoscomResiduos.sav
Input	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
Syntax		SHOW RNG.
Resources	Processor Time	00:00:00,02
	Elapsed Time	00:00:00,02

[DataSet1] C:\Documents and Settings\Tito\Ambiente de trabalho\ALMAS\dadosTodoscomResiduos.sav

System Settings

Keyword	Description	Setting
RNG	Random number generator	MT (Mersenne Twister)

```
BOOTSTRAP
/SAMPLING METHOD=SIMPLE
/VARIABLES INPUT=deltaNI_RES
/CRITERIA CILEVEL=95 CITYPE=PERCENTILE NSAMPLES=1000
/MISSING USERMISSING=EXCLUDE.
```

Bootstrap

Notes	
Output Created	22-DEC-2013 17:19:52
Comments	
Data	C:\Documents and Settings\Tito\Ambiente de trabalho\ALMAS\dadosTodoscomResiduos.sav
Input	DataSet1
Filter	<none>
Weight	<none>
Split File	<none>
Syntax	BOOTSTRAP /SAMPLING METHOD=SIMPLE /VARIABLES INPUT=deltaNI_RES /CRITERIA CILEVEL=95 CITYPE=PERCENTILE NSAMPLES=1000 /MISSING USERMISSING=EXCLUDE.
Resources	
Processor Time	00:00:00,08
Elapsed Time	00:00:00,17

[DataSet1] C:\Documents and Settings\Tito\Ambiente de trabalho\ALMAS\dadosTodoscomResiduos.sav

Bootstrap Specifications

Sampling Method	Simple
Number of Samples	1000
Confidence Interval Level	95,0%
Confidence Interval Type	Percentile

DESCRIPTIVES VARIABLES=deltaNI_RES
 /STATISTICS=STDDEV VARIANCE.

Descriptives

Notes

Output Created	22-DEC-2013 17:19:53	
Comments		
Input	Data	C:\Documents and Settings\Tito\Ambiente de trabalho\ALMAS\dadosTodoscomResiduos.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	4645745
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=deltaNI_RES /STATISTICS=STDDEV VARIANCE.	
Resources	Processor Time	00:01:18,84
	Elapsed Time	00:01:19,34

[DataSet1] C:\Documents and Settings\Tito\Ambiente de trabalho\ALMAS\dadosTodoscomResiduos.sav

Descriptive Statistics

		Statistic	Bootstrap ^a			
			Bias	Std. Error	95% Confidence Interval	
					Lower	Upper
	N	7339	0	0	7339	7339
delta NI Unstandardized Residual	Std. Deviation	2,41108727	-,09311576	,59116735	1,34459468	3,50899262
	Variance	5,813	-,091	2,876	1,808	12,313
Valid N (listwise)	N	7339	0	0	7339	7339

a. Unless otherwise noted, bootstrap results are based on 1000 bootstrap samples

```
RESTORE.
PRESERVE.
SET RNG=MT MTINDEX=2000000.
SHOW RNG.
```

SHOW

Notes		
Output Created		22-DEC-2013 17:21:12
Comments		
	Data	C:\Documents and Settings\Tito\Ambiente de trabalho\ALMAS\dadosTodoscomResiduos.sav
Input	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
Syntax		SHOW RNG.
Resources	Processor Time	00:00:00,00
	Elapsed Time	00:00:00,00

[DataSet1] C:\Documents and Settings\Tito\Ambiente de trabalho\ALMAS\dadosTodoscomResiduos.sav

System Settings		
Keyword	Description	Setting
RNG	Random number generator	MT (Mersenne Twister)

```
BOOTSTRAP
  /SAMPLING METHOD=SIMPLE
  /VARIABLES INPUT=deltaCF_RES
  /CRITERIA CILEVEL=95 CITYPE=PERCENTILE NSAMPLES=1000
  /MISSING USERMISSING=EXCLUDE.
```

Bootstrap

Notes	
Output Created	22-DEC-2013 17:21:12
Comments	
Data	C:\Documents and Settings\Tito\Ambiente de trabalho\ALMAS\dadosTodoscomResiduos.sav
Input	DataSet1
Filter	<none>
Weight	<none>
Split File	<none>
Syntax	BOOTSTRAP /SAMPLING METHOD=SIMPLE /VARIABLES INPUT=deltaCF_RES /CRITERIA CILEVEL=95 CITYPE=PERCENTILE NSAMPLES=1000 /MISSING USERMISSING=EXCLUDE.
Resources	Processor Time 00:00:00,06
	Elapsed Time 00:00:00,09

[DataSet1] C:\Documents and Settings\Tito\Ambiente de trabalho\ALMAS\dadosTodoscomResiduos.sav

Bootstrap Specifications

Sampling Method	Simple
Number of Samples	1000
Confidence Interval Level	95,0%
Confidence Interval Type	Percentile

DESCRIPTIVES VARIABLES=deltaCF_RES
 /STATISTICS=STDDEV VARIANCE.

Descriptives

Notes		
Output Created		22-DEC-2013 17:21:12
Comments		
	Data	C:\Documents and Settings\Tito\Ambiente de trabalho\ALMAS\dadosTodoscomResiduos.sav
Input	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	3610085
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=deltaCF_RES /STATISTICS=STDDEV VARIANCE.
Resources	Processor Time	00:00:59,91
	Elapsed Time	00:01:00,08

[DataSet1] C:\Documents and Settings\Tito\Ambiente de trabalho\ALMAS\dadosTodoscomResiduos.sav

Descriptive Statistics						
		Statistic	Bootstrap ^a			
			Bias	Std. Error	95% Confidence Interval	
					Lower	Upper
delta CF Unstandardized Residual	N	5703	0	0	5703	5703
	Std. Deviation	,18923291	,00008174	,00676982	,17595227	,20175243
	Variance	,036	,000	,003	,031	,041
Valid N (listwise)	N	5703	0	0	5703	5703

a. Unless otherwise noted, bootstrap results are based on 1000 bootstrap samples

```
RESTORE.
PRESERVE.
SET RNG=MT MTINDEX=2000000.
SHOW RNG.
```

SHOW

Notes		
Output Created		22-DEC-2013 17:22:12
Comments		
	Data	C:\Documents and Settings\Tito\Ambiente de trabalho\ALMAS\dadosTodoscomResiduos.sav
Input	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
Syntax		SHOW RNG.
Resources	Processor Time	00:00:00,00
	Elapsed Time	00:00:00,00

[DataSet1] C:\Documents and Settings\Tito\Ambiente de trabalho\ALMAS\dadosTodoscomResiduos.sav

System Settings		
Keyword	Description	Setting
RNG	Random number generator	MT (Mersenne Twister)

```
BOOTSTRAP
  /SAMPLING METHOD=SIMPLE
  /VARIABLES INPUT=CF_RES ACC_RES
  /CRITERIA CILEVEL=95 CITYPE=PERCENTILE NSAMPLES=1000
  /MISSING USERMISSING=EXCLUDE.
```

Bootstrap

		Notes
Output Created		22-DEC-2013 17:22:12
Comments		
	Data	C:\Documents and Settings\Tito\Ambiente de trabalho\ALMAS\dadosTodoscomResiduos.sav
Input	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
Syntax		BOOTSTRAP /SAMPLING METHOD=SIMPLE /VARIABLES INPUT=CF_RES ACC_RES /CRITERIA CILEVEL=95 CITYPE=PERCENTILE NSAMPLES=1000 /MISSING USERMISSING=EXCLUDE.
Resources	Processor Time	00:00:00,13
	Elapsed Time	00:00:00,14

[DataSet1] C:\Documents and Settings\Tito\Ambiente de trabalho\ALMAS\dadosTodoscomResiduos.sav

Bootstrap Specifications

Sampling Method	Simple
Number of Samples	1000
Confidence Interval Level	95,0%
Confidence Interval Type	Percentile

CORRELATIONS
 /VARIABLES=CF_RES ACC_RES
 /PRINT=TWOTAIL NOSIG
 /STATISTICS DESCRIPTIVES XPROD
 /MISSING=PAIRWISE.

Correlations

Notes

Output Created	22-DEC-2013 17:22:13	
Comments		
Input	Data	C:\Documents and Settings\Tito\Ambiente de trabalho\ALMAS\dadosTodoscomResiduos.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
Missing Value Handling	N of Rows in Working Data File	4645745
	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics for each pair of variables are based on all the cases with valid data for that pair.
Syntax	CORRELATIONS	
	/VARIABLES=CF_RES ACC_RES	
	/PRINT=TWOTAIL NOSIG	
Resources	/STATISTICS DESCRIPTIVES XPROD	
	/MISSING=PAIRWISE.	
	Processor Time	00:01:17,66
	Elapsed Time	00:01:17,06

[DataSet1] C:\Documents and Settings\Tito\Ambiente de trabalho\ALMAS\dadosTodoscomResiduos.sav

Descriptive Statistics

		Statistic	Bootstrap ^a			
			Bias	Std. Error	95% Confidence Interval	
					Lower	Upper
CF Unstandardized Residual	Mean	,0000000	,0000433	,0038989	-,0076612	,0075518
	Std. Deviation	,34106294	-,00019270	,00798784	,32531442	,35680676
	N	7339	0	0	7339	7339
ACC Unstandardized Residual	Mean	,0000000	3664,9466706	52577,4055458	-99281,8646890	113624,4179060
	Std. Deviation	4336143,9064112	-21446,06731823	441690,13465525	3428470,4228587	5152577,7706901
	N	8	0	0	2	0
		7339	0	0	7339	7339

a. Unless otherwise noted, bootstrap results are based on 1000 bootstrap samples

Correlations						
				CF	ACC	
				Unstandardized	Unstandardized	
				Residual	Residual	
CF Unstandardized Residual	Pearson Correlation			1	-,018	
	Sig. (2-tailed)				,126	
	Sum of Squares and Cross-products			853,585	-193609152,647	
	Covariance			,116	-26384,458	
	N			7339	7339	
	Bias			0	,001	
	Std. Error			0	,009	
	Bootstrap ^c	95% Confidence Interval		Lower	1	-,035
				Upper	1	-,001
	ACC Unstandardized Residual	Pearson Correlation			-,018	1
Sig. (2-tailed)			,126			
Sum of Squares and Cross-products			-193609152,647	137970132504016		
				304,000		
Covariance			-26384,458	18802143977107,		
				690		
N			7339	7339		
Bias			,001	0		
Std. Error			,009	0		
Bootstrap ^c		95% Confidence Interval		Lower	-,035	1
			Upper	-,001	1	

c. Unless otherwise noted, bootstrap results are based on 1000 bootstrap samples

RESTORE.
 PRESERVE.
 SET RNG=MT MTINDEX=2000000.
 SHOW RNG.

SHOW

Notes		
Output Created	22-DEC-2013 17:23:30	
Comments	C:\Documents and Settings\Tito\Ambiente de trabalho\ALMAS\dadosTodoscomResiduos.sav	
Data	v	
Input	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
Syntax	SHOW RNG.	
Resources	Processor Time	00:00:00,00
	Elapsed Time	00:00:00,00

[DataSet1] C:\Documents and Settings\Tito\Ambiente de trabalho\ALMAS\dadosTodoscomResiduos.sav

System Settings		
Keyword	Description	Setting
RNG	Random number generator	MT (Mersenne Twister)

```
BOOTSTRAP
/SAMPLING METHOD=SIMPLE
/VARIABLES INPUT=CF_RES ACC_RES
/CRITERIA CILEVEL=95 CITYPE=PERCENTILE NSAMPLES=1000
/MISSING USERMISSING=EXCLUDE.
```

Bootstrap

		Notes
Output Created		22-DEC-2013 17:23:30
Comments		
	Data	C:\Documents and Settings\Tito\Ambiente de trabalho\ALMAS\dadosTodoscomResiduos.sav
Input	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
Syntax		BOOTSTRAP /SAMPLING METHOD=SIMPLE /VARIABLES INPUT=CF_RES ACC_RES /CRITERIA CILEVEL=95 CITYPE=PERCENTILE NSAMPLES=1000 /MISSING USERMISSING=EXCLUDE.
Resources	Processor Time	00:00:00,09
	Elapsed Time	00:00:00,09

[DataSet1] C:\Documents and Settings\Tito\Ambiente de trabalho\ALMAS\dadosTodoscomResiduos.sav

Bootstrap Specifications

Sampling Method	Simple
Number of Samples	1000
Confidence Interval Level	95,0%
Confidence Interval Type	Percentile

NONPAR CORR
 /VARIABLES=CF_RES ACC_RES
 /PRINT=SPEARMAN TWOTAIL NOSIG
 /MISSING=PAIRWISE.

Nonparametric Correlations

Notes		
Output Created		22-DEC-2013 17:23:31
Comments		
	Data	C:\Documents and Settings\Tito\Ambiente de trabalho\ALMAS\dadosTodoscomResiduos.sav
Input	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	4645745
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics for each pair of variables are based on all the cases with valid data for that pair.
Syntax		NONPAR CORR /VARIABLES=CF_RES ACC_RES /PRINT=SPEARMAN TWOTAIL NOSIG /MISSING=PAIRWISE.
Resources	Processor Time	00:01:23,30
	Elapsed Time	00:01:23,64
	Number of Cases Allowed	174762 cases ^a

a. Based on availability of workspace memory

[DataSet1] C:\Documents and Settings\Tito\Ambiente de trabalho\ALMAS\dadosTodoscomResiduos.sav

Correlations						CF	ACC
						Unstandardized Residual	Unstandardized Residual
Spearman's rho	Correlation Coefficient					1,000	,102**
	Sig. (2-tailed)					.	,000
	N					7339	7339
	CF Unstandardized Residual	Bias				,000	,001
		Bootstrap ^b	Std. Error			,000	,011
			95% Confidence Interval	Lower		1,000	,081
				Upper		1,000	,123
			Correlation Coefficient				
	Sig. (2-tailed)					,000	.
	N					7339	7339
	ACC Unstandardized Residual	Bias				,001	,000
		Bootstrap ^b	Std. Error			,011	,000
			95% Confidence Interval	Lower		,081	1,000
				Upper		,123	1,000

** . Correlation is significant at the 0.01 level (2-tailed).

b . Unless otherwise noted, bootstrap results are based on 1000 bootstrap samples

RESTORE .