

d	0,00	0,43	0,57	0,38	0,00	0,00	0,43	0,57	0,19	0,33	0,38	0,00	0,29
SD	k	k	k	k	c	c	c	c	k	k	k	k	c
m	0	7	6	4	0	0	3	6	8	9	4	10	2

Nama	14	15	16	17	18	19	20	21	22	23	24	RS	Kel.
SB	1	0	0	0	1	1	1	1	1	0	1	17	T
ER	1	1	0	1	1	0	1	0	1	1	1	16	T
AL	1	0	0	0	1	0	0	1	1	0	1	15	T
CS	0	1	0	0	1	0	1	1	1	0	0	9	R
SL	0	0	0	0	1	1	0	1	1	0	0	8	R
PT	1	1	0	1	1	1	1	1	1	1	1	17	T
MD	1	1	0	0	1	1	0	0	1	0	1	15	T
CL	0	1	0	0	1	0	1	1	1	1	1	14	R
ML	0	0	1	0	1	1	1	1	0	0	0	11	R
SS	0	1	0	0	0	0	0	1	0	1	1	10	R

n	5	6	1	2	9	5	6	8	8	4	7
N	10	10	10	10	10	10	10	10	10	10	10
p	0,50	0,60	0,10	0,20	0,90	0,50	0,60	0,80	0,80	0,40	0,70
Q	0,50	0,40	0,90	0,80	0,10	0,50	0,40	0,20	0,20	0,60	0,30
nt	5	4	0	2	7	4	4	5	7	2	5
nr	0	2	1	0	2	1	2	3	1	2	2
Nt	7	7	7	7	7	7	7	7	7	7	7
Nr	3	3	3	3	3	3	3	3	3	3	3
d	0,71	-	-	0,29	0,33	0,24	-	-	0,67	-	0,05

			0,10	0,33				0,10	0,29		0,38	
		c	c	c	k	k	k	k	c	c	c	c
SD												
m		5	4	9	8	1	5	4	2	2	6	3

LAMPIRAN B

KR-20

No Aitem	P	Q	PQ
2	0,30	0,70	0,21
3	0,40	0,60	0,24
4	0,60	0,40	0,24
8	0,40	0,60	0,24
11	0,60	0,40	0,24
13	0,80	0,20	0,16
14	0,50	0,50	0,25
17	0,20	0,80	0,16
22	0,80	0,20	0,16
24	0,70	0,30	0,21
		ΣPQ	2,11

Sx^2	11,5111
k	11
k-1	10
$k/(k-1)$	1,1
$\Sigma PQ/Sx^2$	0,183301
KR-20	0,898369
KR-20	0,90

reliabilitas baik karena KR-20 di atas 0.70

LAMPIRAN C

T-Test

Notes

Output Created		13-Jun-2010 14:51:47
Comments		
Input	Data	C:\Skripsiku\Buat Bu Agnes\Data Uji Homogenitas+Uji t.sav
	Active Dataset	DataSet5
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	10
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=kelompok(1 2) /MISSING=ANALYSIS /VARIABLES=gainscore /CRITERIA=CI(.9500).
Resources	Processor Time	00:00:00.062
	Elapsed Time	00:00:00.029

[DataSet5] C:\Skripsiku\Buat Bu Agnes\Data Uji Homogenitas+Uji t.sav

Group Statistics

kelompok	N	Mean	Std. Deviation	Std. Error Mean
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gainscore	kelompok eksperimen	5	3.00	2.646	1.183
	kelompok kontrol	5	1.60	2.881	1.288

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
gains core	.143	.715	.800	8	.447	1.400	1.749	-2.634	5.434
Equal variances assumed									
			.800	7.943	.447	1.400	1.749	-2.639	5.439
			Equal variances not assumed						

Explore

Notes

Output Created		13-Jun-2010 14:37:35
Comments		
Input	Data	C:\Skripsiku\Buat Bu Agnes\Data Uji Normalitas Xper.sav
	Active Dataset	DataSet3
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	5
Missing Value Handling	Definition of Missing	User-defined missing values for dependent variables are treated as missing.
	Cases Used	Statistics are based on cases with no missing values for any dependent variable or factor used.

Syntax	EXAMINE VARIABLES=EKSPERIMEN /PLOT BOXPLOT STEMLEAF NPLOT /COMPARE GROUP /STATISTICS DESCRIPTIVES /INTERVAL 95 /MISSING LISTWISE /NOTOTAL.	
Resources	Processor Time	00:00:03.572
	Elapsed Time	00:00:03.238

[DataSet3] C:\Skripsiku\Buat Bu Agnes\Data Uji Normalitas Xper.sav

Case Processing Summary

	Cases		
	Valid	Missing	Total

	N	Percent	N	Percent	N	Percent
EKSPERIMEN	5	100.0%	0	.0%	5	100.0%

Descriptives

		Statistic	Std. Error
EKSPERIMEN	Mean	3.00	1.183
	95% Confidence Interval for Mean		
		Lower Bound	-.29
		Upper Bound	6.29
	5% Trimmed Mean	2.94	
	Median	2.00	
	Variance	7.000	
	Std. Deviation	2.646	
	Minimum	0	

Maximum	7	
Range	7	
Interquartile Range	4	
Skewness	.810	.913
Kurtosis	.673	2.000

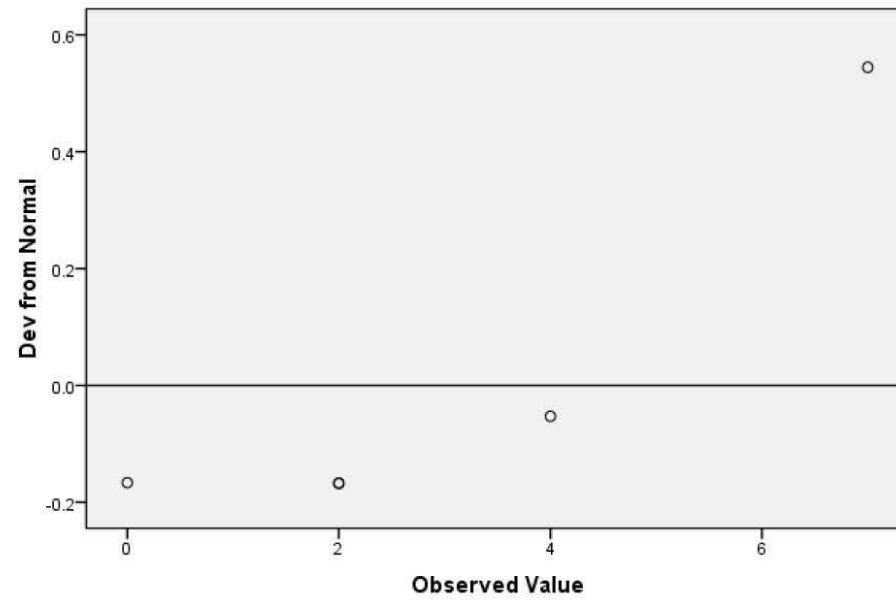
Tests of Normality

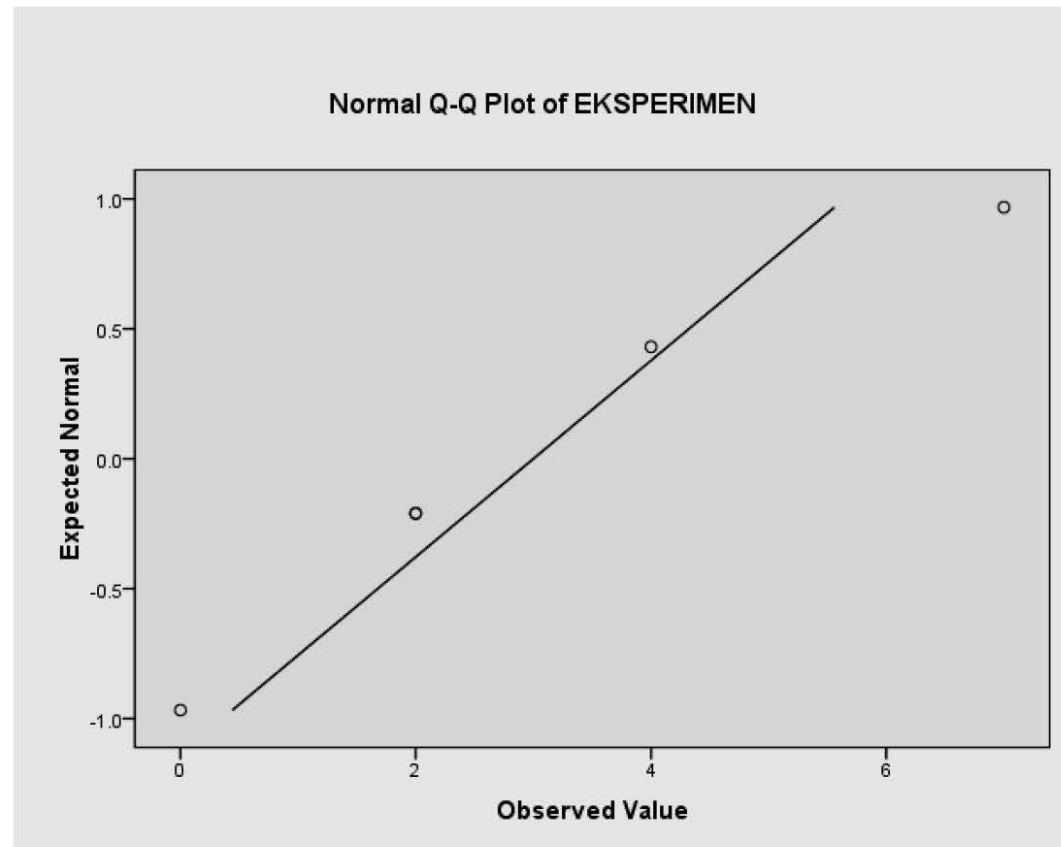
	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
EKSPERIMEN	.247	5	.200*	.942	5	.679

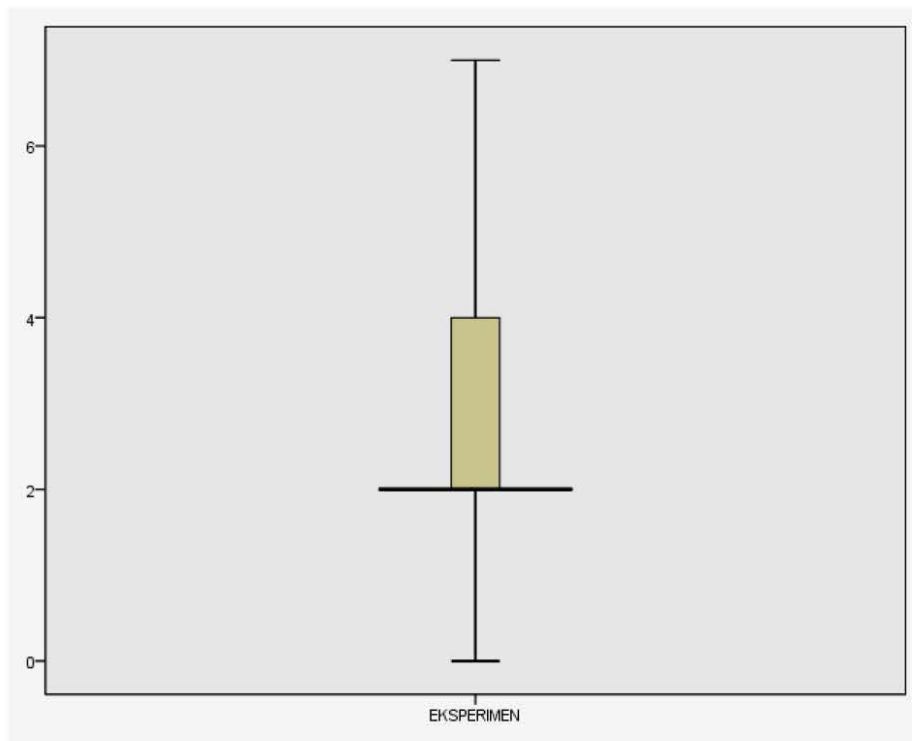
a. Lilliefors Significance Correction

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

Detrended Normal Q-Q Plot of EKSPERIMEN







LAMPIRAN D

Explore

Notes

Output Created		13-Jun-2010 14:26:43
Comments		
Input	Data	C:\Skripsiku\Buat Bu Agnes\Data Uji Normalitas Kontrol.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	5
Missing Value Handling	Definition of Missing	User-defined missing values for dependent variables are treated as missing.
	Cases Used	Statistics are based on cases with no missing values for any dependent variable or factor used.

Syntax		EXAMINE VARIABLES=KONTROL /PLOT BOXPLOT STEMLEAF NPLOT /COMPARE GROUP /STATISTICS DESCRIPTIVES /CINTERVAL 95 /MISSING LISTWISE /NOTOTAL.
Resources	Processor Time	00:00:04.072
	Elapsed Time	00:00:04.090

[DataSet1] C:\Skripsiku\Buat Bu Agnes\Data Uji Normalitas Kontrol.sav

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
KONTROL	5	100.0%	0	.0%	5	100.0%

Descriptives

		Statistic	Std. Error
KONTROL	Mean	1.60	1.288
	95% Confidence Interval for Mean		
	Lower Bound	-1.98	
	Upper Bound	5.18	
	5% Trimmed Mean	1.50	
	Median	.00	
	Variance	8.300	
	Std. Deviation	2.881	
	Minimum	-1	
	Maximum	6	
	Range	7	
	Interquartile Range	5	
	Skewness	1.083	.913
	Kurtosis	-.062	2.000

Tests of Normality

	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
KONTRO L	.311	5	.129	.871	5	.269

a. Lilliefors Significance Correction

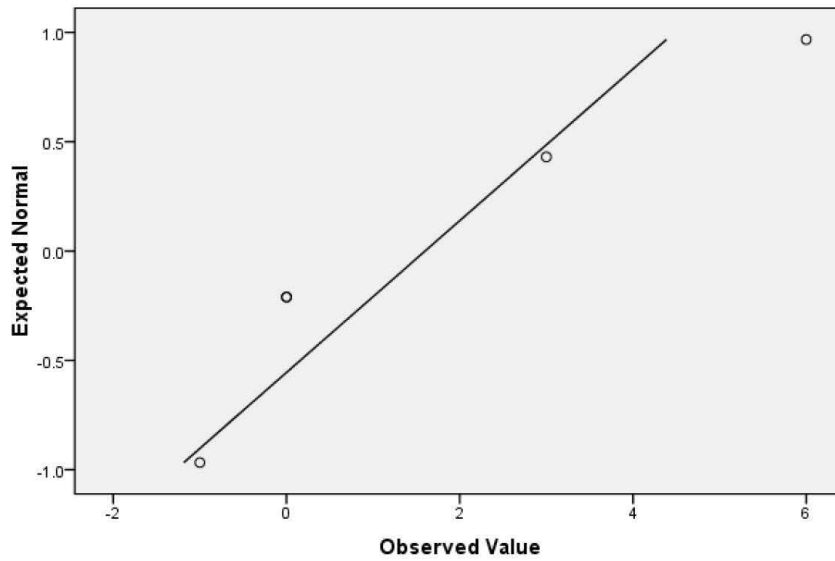
KONTROL

KONTROL Stem-and-Leaf Plot

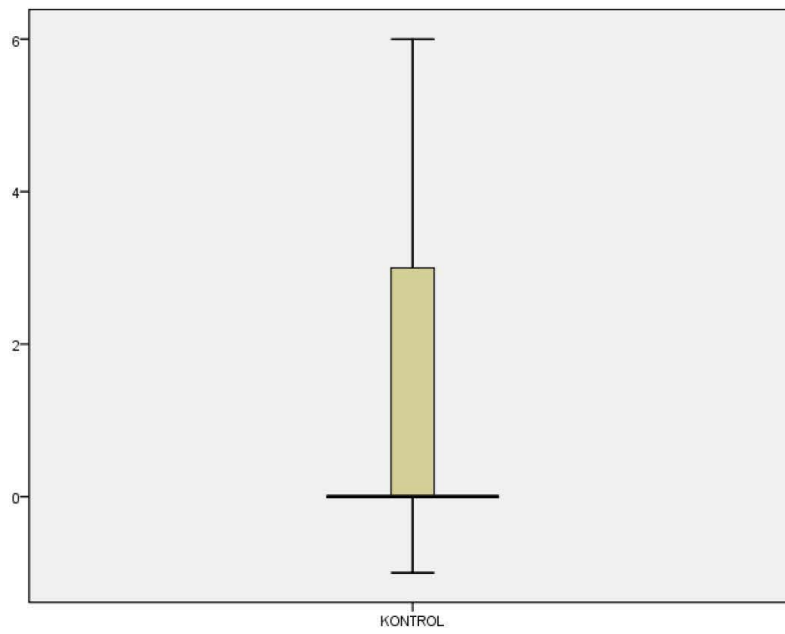
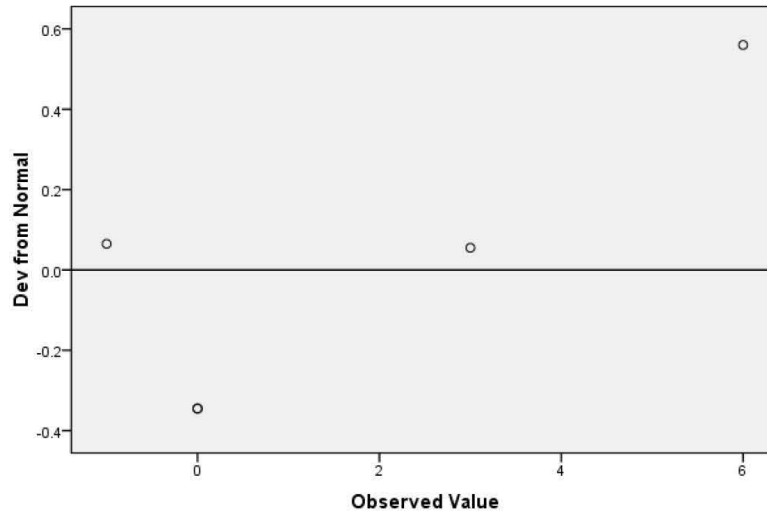
Frequency	Stem &	Leaf
1,00	-0 .	1
3,00	0 .	003
1,00	0 .	6

Stem width: 10
Each leaf: 1 case(s)

Normal Q-Q Plot of KONTROL



Detrended Normal Q-Q Plot of KONTROL



LAMPIRAN E

T-Test

Notes

Output Created		13-Jun-2010 14:52:54
Comments		
Input	Data	C:\Skripsiku\Buat Bu Agnes\Data Uji Homogenitas+Uji t.sav
	Active Dataset	DataSet5
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	10
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=kelompok(1 2) /MISSING=ANALYSIS /VARIABLES=gainscore /CRITERIA=C(.9500).
Resources	Processor Time	00:00:00.062

Notes

Output Created		13-Jun-2010 14:52:54
Comments		
Input	Data	C:\Skripsiku\Buat Bu Agnes\Data Uji Homogenitas+Uji t.sav
	Active Dataset	DataSet5
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	10
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=kelompok(1 2) /MISSING=ANALYSIS /VARIABLES=gainscore /CRITERIA=CI(.9500).
	Processor Time	00:00:00.062
	Elapsed Time	00:00:00.031

[DataSet5] C:\Skripsiku\Buat Bu Agnes\Data Uji Homogenitas+Uji t.sav

Group Statistics

kelompok	N	Mean	Std. Deviation	Std. Error Mean
gainscore kelompok eksperimen	5	3.00	2.646	1.183
kelompok kontrol	5	1.60	2.881	1.288

LAMPIRAN F

T-Test

Notes

Output Created		13-Jun-2010 15:16:27
Comments		
Input	Active Dataset	DataSet8
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data	5
	File	
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 PAIRS=pretest WITH posttest (PAIRED) /CRITERIA=CI(.9500) /MISSING=ANALYSIS.
Resources	Processor Time	00:00:00.078
	Elapsed Time	00:00:00.051

[DataSet8]

Paired Samples Statistics

	Mean	N	Std. Deviation	Std. Error Mean
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Paired Samples Test

	Paired Differences					t	df	Sig. (2-tailed)
	Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
				Lower	Upper			
Pair 1 pretest - posttest	-3.000	2.646	1.183	-6.285	.285	-2.535	4	.064

LAMPIRAN G

T-Test

Notes

Output Created		13-Jun-2010 15:29:04
Comments		
Input	Active Dataset	DataSet9
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data	5
	File	
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 PAIRS=pretest WITH posttest (PAIRED) /CRITERIA=CI(.9500) /MISSING=ANALYSIS.
Resources	Processor Time	00:00:00.031
	Elapsed Time	00:00:00.025

[DataSet9]

Paired Samples Statistics

	Mean	N	Std. Deviation	Std. Error Mean
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Paired Samples Test

		Paired Differences				t	df	Sig. (2-tailed)	
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
					Lower				Upper
Pair 1	pretest - posttest	-1.600	2.881	1.288	-5.177	1.977	-1.242	4	.282