Safiah, I., Degeng, I.N.S., Setyosari, P., & Ulfa, S. (2020).
Design and development of seamless learning to improving learning outcome of Islamic economic course: a case study in Indonesia.
Journal of e-Learning and Knowledge Society, 16(3), 60-67.
https://doi.org/10.20368/1971-8829/1135249

VALIDATION INSTRUMENTS OF LEARNING EXPERT
(Seamless Learning Design)

Questionnaire Filling Instructions
Please give a checklist (√) on alternative answers 1, 2,3, and 4 that you think are the most appropriate.
(1) Strongly Disagree
(2) Disagree
(3) Quite Agree
(4) Strongly Agree

No	Statement	1	2	3	4
1	Steps in classroom learning (formal)				
2	Steps outside the classroom learning (informal)				
3	Independent learning activities is clearly seen				
4	The collaboration between students is clearly visible				
5	It is clearly visible that learning activities are continuous and sustainable.				
6	Online learning resources re easily accessed				
7	Offline learning resources are easily accessed				
8	Online learning activities is visible				
9	Offline learning activities is visible				
10	The media used in learning is appropriate				
11	The media used are in accordance with the learning material				
12	The media used are easily accessed by students				
13	The flow in completing assignments in and outside the class is clear				
14	The flow of learning in completing assignments needs student analysis				
15	There is an involvement of the community in completing tasks				
16	The learning step supports increased knowledge				
17	The learning step supports the creation of experience both inside and outside the classroom				
18	The learning step supports the improvement of communication skills				
19	Use various strategies in learning activities				
20	The overall design flow is clear and systematic				

Conclusion:
In general, the design of the Seamless Learning Model:

Can not be used	Can be used with many improvements	Can be used with a little improvement	Can be used without repair

Date,

……
Expert

© Italian e-Learning Association

Safiah, I., Degeng, I.N.S., Setyosari, P., & Ulfa, S. (2020).
Design and development of seamless learning to improving learning outcome of Islamic economic course:
a case study in Indonesia.
Journal of e-Learning and Knowledge Society, 16(3), 60-67.
https://doi.org/10.20368/1971-8829/1135249

Data Analysis

```
EXAMINE VARIABLES=Hasil BY Group
  /PLOT BOXPLOT STEMLEAF NPPLOT
  /COMPARE GROUPS
  /STATISTICS DESCRIPTIVES
  /CINTERVAL 95
  /MISSING LISTWISE
  /NOTOTAL.
```

Explore

Notes

Output Created		13-APR-2020 17:35:50
Comments		
Input	Data	D:\1. KULIAH S3\1. DISERTASI 2\Artikel Untuk Scopus\Artikel 11. Desain PBSL\Data Penelitian\Data uji T.sav
	Active Dataset	DataSet2
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	75
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=Hasil BY Group /PLOT BOXPLOT STEMLEAF NPPLOT /COMPARE GROUPS /STATISTICS DESCRIPTIVES /CINTERVAL 95 /MISSING LISTWISE /NOTOTAL.
Resources	Processor Time	00:00:10.00
	Elapsed Time	00:00:07.74

[DataSet2]

Group

Case Processing Summary

		Cases					
		Valid		Missing		Total	
	Group	N	Percent	N	Percent	N	Percent
Outcome	Control	38	100.0%	0	0.0%	38	100.0%
	Eksperiment	37	100.0%	0	0.0%	37	100.0%

© Italian e-Learning Association

Safiah, I., Degeng, I.N.S., Setyosari, P., & Ulfa, S. (2020).
Design and development of seamless learning to improving learning outcome of Islamic economic course: a case study in Indonesia.
Journal of e-Learning and Knowledge Society, 16(3), 60-67.
https://doi.org/10.20368/1971-8829/1135249

Descriptives

	Group			Statistic	Std. Error
Outcome	Control	Mean		68.5526	.87761
		95% Confidence Interval for Mean	Lower Bound	66.7744	
			Upper Bound	70.3308	
		5% Trimmed Mean		68.6696	
		Median		68.7500	
		Variance		29.267	
		Std. Deviation		5.40994	
		Minimum		57.50	
		Maximum		77.50	
		Range		20.00	
		Interquartile Range		7.50	
		Skewness		-.292	.383
		Kurtosis		-.353	.750
	Eksperiment	Mean		77.9054	1.26126
		95% Confidence Interval for Mean	Lower Bound	75.3474	
			Upper Bound	80.4634	
		5% Trimmed Mean		78.0893	
		Median		77.5000	
		Variance		58.859	
		Std. Deviation		7.67195	
		Minimum		62.50	
		Maximum		90.00	
		Range		27.50	
		Interquartile Range		10.00	
		Skewness		-.168	.388
		Kurtosis		-.701	.759

Tests of Normality

		Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Group	Statistic	df	Sig.	Statistic	df	Sig.
Outcome	Control	.107	38	.200*	.957	38	.147
	Eksperiment	.111	37	.200*	.959	37	.194

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

a. Lilliefors Significance Correction

© Italian e-Learning Association

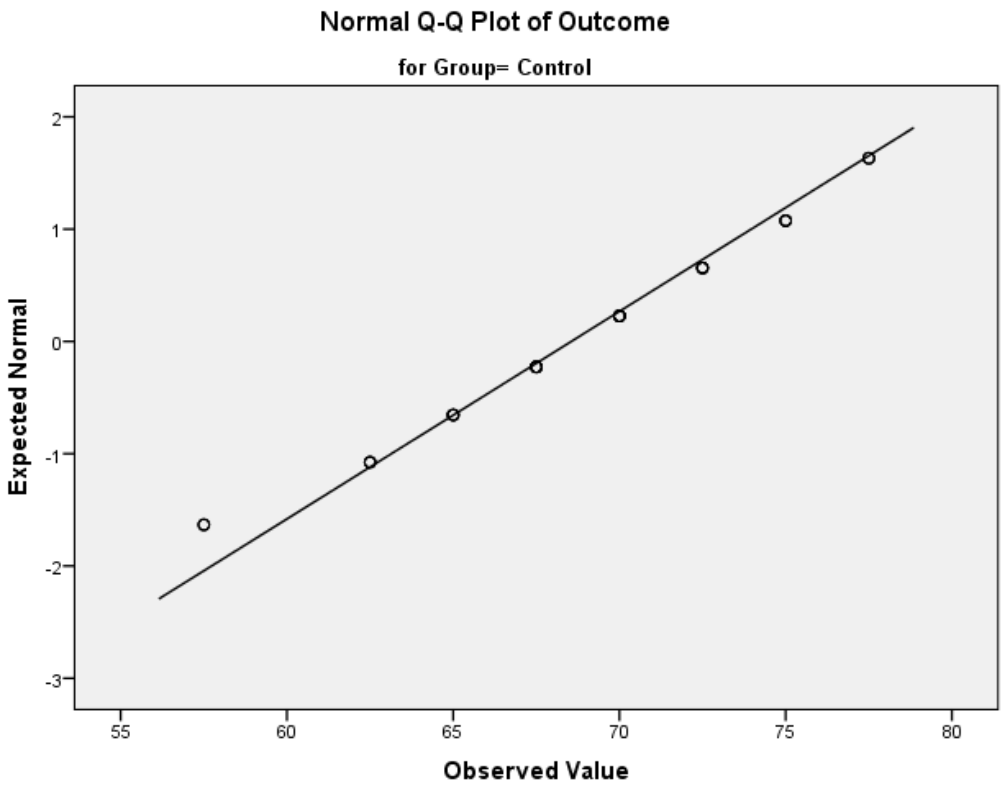
Safiah, I., Degeng, I.N.S., Setyosari, P., & Ulfa, S. (2020).
Design and development of seamless learning to improving learning outcome of Islamic economic course:
a case study in Indonesia.
Journal of e-Learning and Knowledge Society, 16(3), 60-67.
https://doi.org/10.20368/1971-8829/1135249

Outcome

Stem-and-Leaf Plots

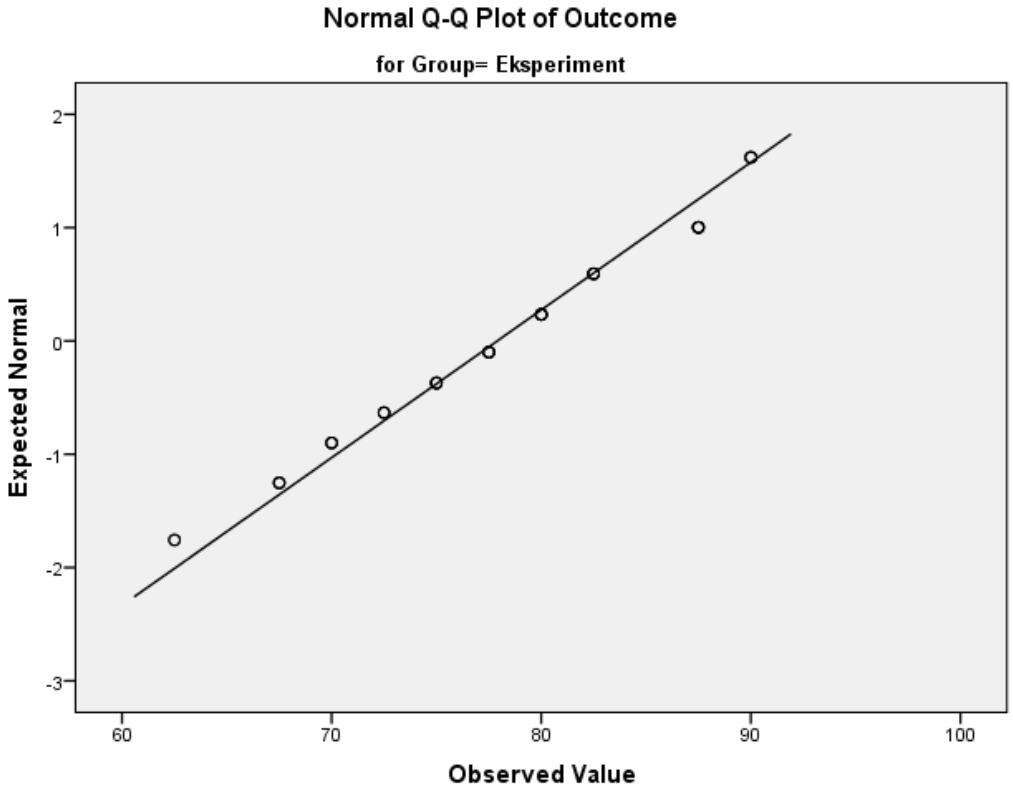
```
Outcome Stem-and-Leaf Plot for
Group= Control

 Frequency    Stem &  Leaf

     3.00        5 .  777
     4.00        6 .  2222
    12.00        6 .  555557777777
    12.00        7 .  000000022222
     7.00        7 .  5555777

 Stem width:     10.00
 Each leaf:        1 case(s)

Outcome Stem-and-Leaf Plot for
Group= Eksperiment

 Frequency    Stem &  Leaf

     2.00        6 .  22
     3.00        6 .  777
     6.00        7 .  000222
     8.00        7 .  55557777
    10.00        8 .  0000002222
     5.00        8 .  77777
     3.00        9 .  000

 Stem width:     10.00
 Each leaf:        1 case(s)
```

Normal Q-Q Plots

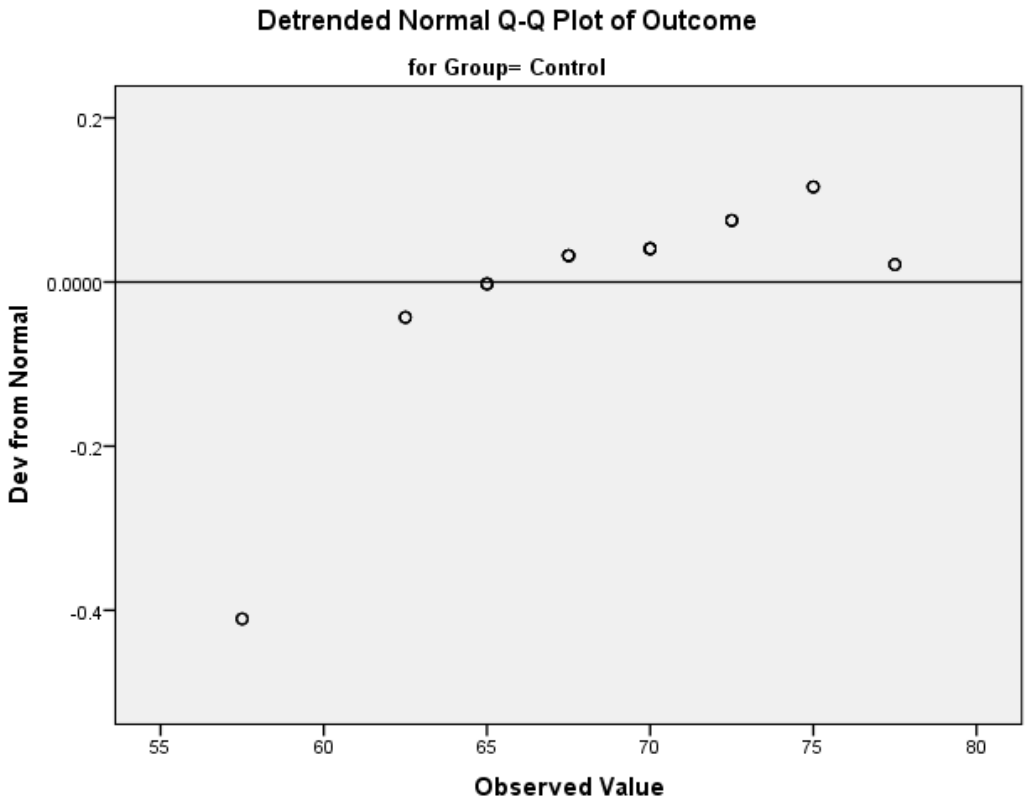


© Italian e-Learning Association

Safiah, I., Degeng, I.N.S., Setyosari, P., & Ulfa, S. (2020).
Design and development of seamless learning to improving learning outcome of Islamic economic course: a case study in Indonesia.
Journal of e-Learning and Knowledge Society, 16(3), 60-67.
https://doi.org/10.20368/1971-8829/1135249

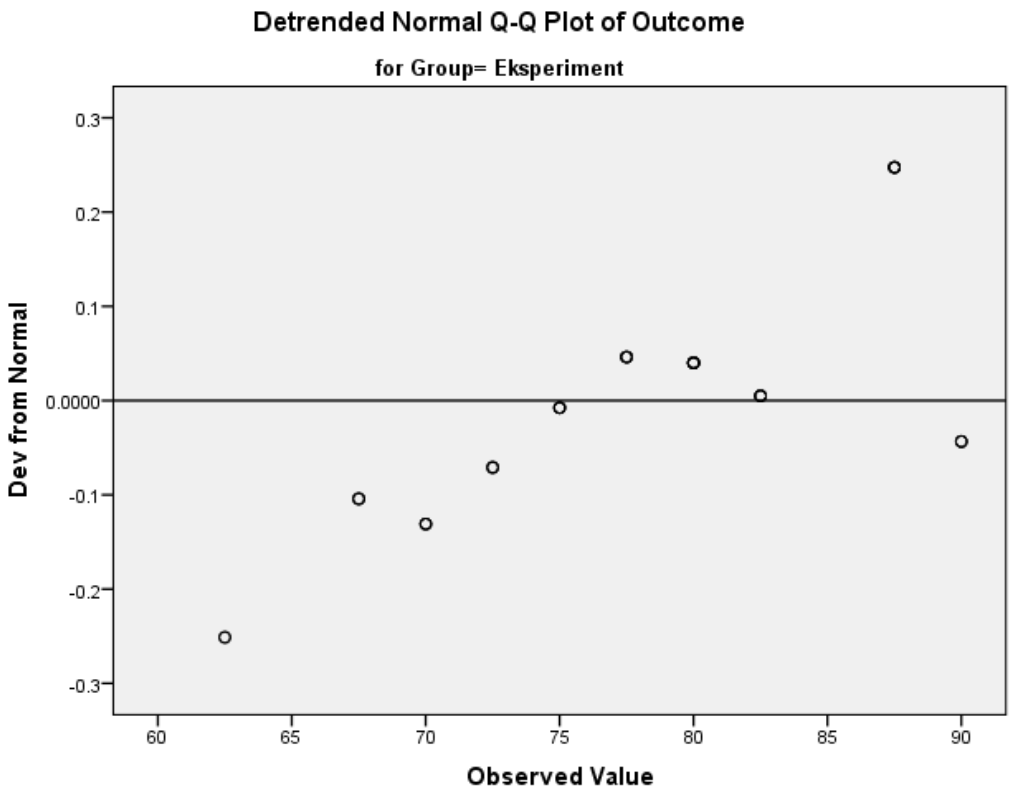


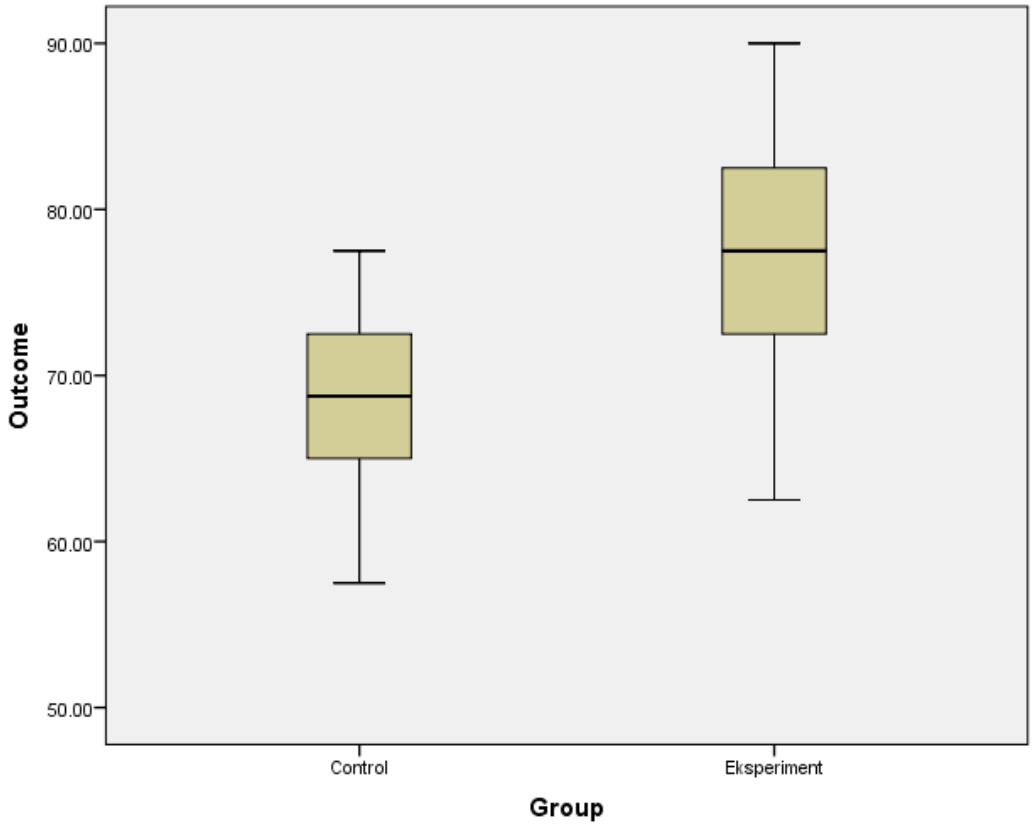
Detrended Normal Q-Q Plots



© Italian e-Learning Association

Safiah, I., Degeng, I.N.S., Setyosari, P., & Ulfa, S. (2020).
Design and development of seamless learning to improving learning outcome of Islamic economic course: a case study in Indonesia.
Journal of e-Learning and Knowledge Society, 16(3), 60-67.
https://doi.org/10.20368/1971-8829/1135249





© Italian e-Learning Association

Safiah, I., Degeng, I.N.S., Setyosari, P., & Ulfa, S. (2020).
Design and development of seamless learning to improving learning outcome of Islamic economic course:
a case study in Indonesia.
Journal of e-Learning and Knowledge Society, 16(3), 60-67.
https://doi.org/10.20368/1971-8829/1135249

```
T-TEST GROUPS=Group(1 2)
  /MISSING=ANALYSIS
  /VARIABLES=Hasil
  /CRITERIA=CI(.95).
```

T-Test

Notes

Output Created		29-DEC-2019 10:47:05
Comments		
Input	Active Dataset	DataSet0
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	75
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=Group(1 2) /MISSING=ANALYSIS /VARIABLES=Hasil /CRITERIA=CI(.95).
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.05

Group Statistics

	Group	N	Mean	Std. Deviation	Std. Error Mean
Outcome	Control	38	68.5526	5.40994	.87761
	Eksperiment	37	77.9054	7.67195	1.26126

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means						
									95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
Outcome	Equal variances assumed	4.629	.035	-6.115	73	.000	-9.35277	1.52959	-12.40124	-6.30431
	Equal variances not assumed			-6.087	64.571	.000	-9.35277	1.53655	-12.42186	-6.28369

© Italian e-Learning Association