Lampiran 6

UJI SPSS

Explore

Notes		
Output Created		22-DEC-2018 00:13:29
Comments		
Input	Data	C:\Users\DIAN ANGGRAINI\Documents\skripsi\FILE SIDANG SKRIPSI DIAN\FILE SPSS\Untitled1(spssDian).sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	7
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=Sebelum_1 Sesudah_1 Selisih_1 Sebelum_2 Sesudah_2 Selisih_2 /PLOT BOXPLOT STEMLEAF NPPLOT /COMPARE GROUPS /STATISTICS DESCRIPTIVES /CINTERVAL 95 /MISSING LISTWISE /NOTOTAL.
Resources	Processor Time	00:00:06,17

	Elapsed Time	00:00:03,17

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Sebelum_1	7	100.0%	0	0.0%	7	100.0%
Sesudah_1	7	100.0%	0	0.0%	7	100.0%
Selisih_1	7	100.0%	0	0.0%	7	100.0%
Sebelum_2	7	100.0%	0	0.0%	7	100.0%
Sesudah_2	7	100.0%	0	0.0%	7	100.0%
Selisih_2	7	100.0%	0	0.0%	7	100.0%

Descriptives

			Statistic	Std. Error
Sebelum_1	Mean		22.4029	.39015
	95% Confidence Interval for Mean	Lower Bound	21.4482	
		Upper Bound	23.3575	
	5% Trimmed Mean		22.4187	
	Median		22.4400	
	Variance		1.066	
	Std. Deviation		1.03224	
	Minimum		20.90	
	Maximum		23.62	
	Range		2.72	
	Interquartile Range		2.24	
	Skewness		-.195	.794
	Kurtosis		-1.057	1.587
Sesudah_1	Mean		19.4386	.58558
	95% Confidence Interval for Mean	Lower Bound	18.0057	
		Upper Bound	20.8714	
	5% Trimmed Mean		19.4790	
	Median		19.8100	
	Variance		2.400	
	Std. Deviation		1.54931	
	Minimum		16.78	
	Maximum		21.37	

	Range		4.59	
	Interquartile Range		2.20	
	Skewness		-.724	.794
	Kurtosis		.091	1.587
Selisih_1	Mean		2.9643	.26169
	95% Confidence Interval for Mean	Lower Bound	2.3240	
		Upper Bound	3.6046	
	5% Trimmed Mean		2.9403	
	Median		3.1400	
	Variance		.479	
	Std. Deviation		.69236	
	Minimum		2.24	
	Maximum		4.12	
	Range		1.88	
	Interquartile Range		1.06	
	Skewness		.540	.794
	Kurtosis		-.547	1.587
Sebelum_2	Mean		21.7714	.64964
	95% Confidence Interval for Mean	Lower Bound	20.1818	
		Upper Bound	23.3610	
	5% Trimmed Mean		21.8205	
	Median		22.1500	
	Variance		2.954	
	Std. Deviation		1.71878	
	Minimum		19.16	
	Maximum		23.50	
	Range		4.34	
	Interquartile Range		3.01	
	Skewness		-.437	.794
	Kurtosis		-1.570	1.587
Sesudah_2	Mean		19.5529	.69874
	95% Confidence Interval for Mean	Lower Bound	17.8431	
		Upper Bound	21.2626	
	5% Trimmed Mean		19.5715	
	Median		19.5700	
	Variance		3.418	
	Std. Deviation		1.84869	
	Minimum		16.95	

	Maximum		21.82	
	Range		4.87	
	Interquartile Range		3.36	
	Skewness		-.093	.794
	Kurtosis		-1.628	1.587
Selisih_2	Mean		2.2186	.12580
	95% Confidence Interval for Mean	Lower Bound	1.9107	
		Upper Bound	2.5264	
	5% Trimmed Mean		2.2317	
	Median		2.2100	
	Variance		.111	
	Std. Deviation		.33284	
	Minimum		1.62	
	Maximum		2.58	
	Range		.96	
	Interquartile Range		.46	
	Skewness		-.896	.794
	Kurtosis		.520	1.587

Tests of Normality

	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Sebelum_1	.165	7	.200*	.934	7	.589
Sesudah_1	.166	7	.200*	.957	7	.788
Selisih_1	.229	7	.200*	.898	7	.318
Sebelum_2	.212	7	.200*	.890	7	.275
Sesudah_2	.183	7	.200*	.939	7	.626
Selisih_2	.204	7	.200*	.922	7	.483

Oneway

Notes

Output Created	22-DEC-2018 00:16:46
Comments	

Input	Data	C:\Users\DIAN ANGGRAINI\Documents\skripsi\FILE SIDANG SKRIPSI DIAN\FILE SPSS\Untitled2homogen .....sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	14
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics for each analysis are based on cases with no missing data for any variable in the analysis.
Syntax		ONEWAY Sebelum BY Kelompok /STATISTICS HOMOGENEITY /MISSING ANALYSIS.
Resources	Processor Time	00:00:00,00
	Elapsed Time	00:00:00,19

Test of Homogeneity of Variances

Sebelum

Levene Statistic	df1	df2	Sig.
4.034	1	12	.068

ANOVA

Sebelum

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	1.395	1	1.395	.694	.421
Within Groups	24.118	12	2.010		
Total	25.514	13			

Oneway

Notes		
Output Created		22-DEC-2018 00:17:34
Comments		
Input	Data	C:\Users\DIAN ANGGRAINI\Documents\skripsi\FILE SIDANG SKRIPSI DIAN\FILE SPSS\hipotesis 3 pake setelah.sav
	Active Dataset	DataSet2
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	14
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics for each analysis are based on cases with no missing data for any variable in the analysis.
Syntax		ONEWAY Setelah BY Kelompok /STATISTICS HOMOGENEITY /MISSING ANALYSIS.
Resources	Processor Time	00:00:00,00
	Elapsed Time	00:00:00,00

Test of Homogeneity of Variances

Setelah

Levene Statistic	df1	df2	Sig.
.461	1	12	.510

ANOVA

Setelah

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	.046	1	.046	.016	.902
Within Groups	34.908	12	2.909		

Total	34.954	13			

Oneway

Notes		
Output Created		22-DEC-2018 00:18:52
Comments		
Input	Data	C:\Users\DIAN ANGGRAINI\Documents\skripsi\FILE SIDANG SKRIPSI DIAN\FILE SPSS\Hipotesis 3.sav
	Active Dataset	DataSet3
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	14
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics for each analysis are based on cases with no missing data for any variable in the analysis.
Syntax		ONEWAY Selisih BY Kelompok /STATISTICS HOMOGENEITY /MISSING ANALYSIS.
Resources	Processor Time	00:00:00,00
	Elapsed Time	00:00:00,00

Test of Homogeneity of Variances			
Selisih			
Levene Statistic	df1	df2	Sig.
4.502	1	12	.055

ANOVA					
Selisih					
	Sum of Squares	df	Mean Square	F	Sig.

Between Groups	1.946	1	1.946	6.596	.025
Within Groups	3.541	12	.295		
Total	5.487	13			

T-Test

Notes		
Output Created		22-DEC-2018 00:19:23
Comments		
Input	Data	C:\Users\DIAN ANGGRAINI\Documents\skripsi\FILE SIDANG SKRIPSI DIAN\FILE SPSS\Hipotesis 1.sav
	Active Dataset	DataSet4
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	7
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=Sebelum_1 WITH Sesudah_1 (PAIRED) /CRITERIA=CI(.9500) /MISSING=ANALYSIS.
Resources	Processor Time	00:00:00,02
	Elapsed Time	00:00:00,02

Paired Samples Statistics					
		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	Sebelum_1	22.4029	7	1.03224	.39015
	Sesudah_1	19.4386	7	1.54931	.58558

Paired Samples Correlations				
		N	Correlation	Sig.
Pair 1	Sebelum_1 & Sesudah_1	7	.934	.002

Paired Samples Test						
		Paired Differences				
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference	
					Lower	
Pair 1	Sebelum_1 - Sesudah_1	2.96429	.69236	.26169	2.32396	

Paired Samples Test					
		Paired Differences			
		95% Confidence Interval of the Difference			
		Upper	t	df	Sig. (2-tailed)
Pair 1	Sebelum_1 - Sesudah_1	3.60461	11.328	6	.000

T-Test

Notes		
Output Created		22-DEC-2018 00:19:49
Comments		
Input	Data	C:\Users\DIAN ANGGRAINI\Documents\skripsi\FILE SIDANG SKRIPSI DIAN\FILE SPSS\Hipotesis 2.sav
	Active Dataset	DataSet5
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	7
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=Sebelum_2 WITH Sesudah_2 (PAIRED) /CRITERIA=CI(.9500) /MISSING=ANALYSIS.
Resources	Processor Time	00:00:00,03
	Elapsed Time	00:00:00,03

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	Sebelum_2	21.7714	7	1.71878	.64964
	Sesudah_2	19.5529	7	1.84869	.69874

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	Sebelum_2 & Sesudah_2	7	.985	.000

Paired Samples Test

		Paired Differences			
					95% Confidence Interval of the Difference
		Mean	Std. Deviation	Std. Error Mean	Lower
Pair 1	Sebelum_2 - Sesudah_2	2.21857	.33284	.12580	1.91075

Paired Samples Test

		Paired Differences				
		95% Confidence Interval of the Difference				
		Upper	t	df	Sig. (2-tailed)	
Pair 1	Sebelum_2 - Sesudah_2	2.52639	17.636	6	.000	

T-Test

Notes		
Output Created		22-DEC-2018 00:20:20
Comments		
Input	Data	C:\Users\DIAN ANGGRAINI\Documents\skripsi\FILE SIDANG SKRIPSI DIAN\FILE SPSS\Hipotesis 3.sav
	Active Dataset	DataSet6
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	14
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=Selisih /CRITERIA=CI(.95).
Resources	Processor Time	00:00:00,03
	Elapsed Time	00:00:00,03

Group Statistics					
	Kelompok	N	Mean	Std. Deviation	Std. Error Mean
Selisih	1.00	7	2.9643	.69236	.26169
	2.00	7	2.2186	.33284	.12580

Independent Samples Test					
		Levene's Test for Equality of Variances		t-test for Equality of Means	
		F	Sig.	t	df
Selisih	Equal variances assumed	4.502	.055	2.568	12
	Equal variances not assumed			2.568	8.633

Independent Samples Test				
		t-test for Equality of Means		
		Sig. (2-tailed)	Mean Difference	Std. Error Difference
Selisih	Equal variances assumed	.025	.74571	.29036
	Equal variances not assumed	.031	.74571	.29036

Independent Samples Test			
		t-test for Equality of Means	
		95% Confidence Interval of the Difference	
		Lower	Upper
Selisih	Equal variances assumed	.11308	1.37834
	Equal variances not assumed	.08460	1.40683