

LAMPIRAN

Lampiran 1. Data Hasil Uji Statistik

a. Uji Normalitas Data

Kelompok	Kolmogorov-Smirnov ^a			Shapiro-Wilk			
	Statistic	df	Sig.	Statistic	df	Sig.	
Pre Test	1	,367	5	,026	,684	5	,006
	2	,367	5	,026	,684	5	,006
	3	,367	5	,026	,684	5	,006
		,473	5	,001	,552	5	,000
Post Test	1	,349	5	,046	,771	5	,046
	2	,367	5	,026	,684	5	,006
	3	,367	5	,026	,684	5	,006
		,367	5	,026	,684	5	,006

a. Lilliefors Significance Correction

b. Post Test is constant when Kelompok = 1 It has been omitted.

Explore

Descriptives

			Statistic	Std. Error
Pre Test 1	Mean		,002740	,0001470
	95% Confidence Interval for Mean	Lower Bound	,002332	
		Upper Bound	,003148	
	5% Trimmed Mean		,002733	
	Median		,002500	
	Variance		,000	
	Std. Deviation		,0003286	
	Minimum		,0025	
	Maximum		,0031	
	Range		,0006	
	Interquartile Range		,0006	
	Skewness		,609	,913
	Kurtosis		-3,333	2,000
	2	Mean		,002860
95% Confidence Interval for Mean		Lower Bound	,002452	
		Upper Bound	,003268	
5% Trimmed Mean			,002867	
Median			,003100	
Variance			,000	
Std. Deviation			,0003286	
Minimum			,0025	
Maximum			,0031	
Range			,0006	
Interquartile Range			,0006	
Skewness			-,609	,913
Kurtosis			-3,333	2,000
3		Mean		,002740
	95% Confidence Interval for Mean	Lower Bound	,002332	
		Upper Bound	,003148	
	5% Trimmed Mean		,002733	
	Median		,002500	
	Variance		,000	
	Std. Deviation		,0003286	
	Minimum		,0025	
	Maximum		,0031	
	Range		,0006	
	Interquartile Range		,0006	
	Skewness		,609	,913
	Kurtosis		-3,333	2,000

Explore

Descriptives

			Statistic	Std. Error
Post Test 1	Mean		,002620	,0001200
	95% Confidence Interval for Mean	Lower Bound	,002287	
		Upper Bound	,002953	
	5% Trimmed Mean		,002600	
	Median		,002500	
	Variance		,000	
	Std. Deviation		,0002683	
	Minimum		,0025	
	Maximum		,0031	
	Range		,0006	
	Interquartile Range		,0003	
	Skewness		2,236	,913
	Kurtosis		5,000	2,000
	2	Mean		,000852
95% Confidence Interval for Mean		Lower Bound	,000458	
		Upper Bound	,001246	
5% Trimmed Mean			,000846	
Median			,000620	
Variance			,000	
Std. Deviation			,0003177	
Minimum			,0006	
Maximum			,0012	
Range			,0006	
Interquartile Range			,0006	
Skewness			,609	,913
Kurtosis			-3,333	2,000
3		Mean		,003340
	95% Confidence Interval for Mean	Lower Bound	,002674	
		Upper Bound	,004006	
	5% Trimmed Mean		,003367	
	Median		,003700	
	Variance		,000	
	Std. Deviation		,0005367	
	Minimum		,0025	
	Maximum		,0037	
	Range		,0012	
	Interquartile Range		,0009	
	Skewness		-1,258	,913
	Kurtosis		,312	2,000

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Descriptive Statistics

	N	Minimum	Maximum	Mean	Std.	Skewness		Kurtosis	
	Statistic	Statistic	Statistic	Statistic	Statistic	Statistic	Std. Error	Statistic	Std. Error
Kelompok	20	1	4	2,50	1,147	,000	,512	-1,401	,992
Pre Test	20	,0025	,0031	,002740	,0003016	,442	,512	-2,018	,992
Post Test	20	,0006	,0037	,002358	,0009995	-,606	,512	-,527	,992
Valid N (listwise)	20								

b. Uji Parametrik Paired Sampel T-Test

Explore

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	Pre Test - Post Test	,0002400	,0003286	,0001470	-,0001681	,0006481	1,633	4	,178

Explore

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	Pre Test - Post Test	-,0006000	,0004243	,0001897	-,0011268	-,0000732	-3,162	4	,034

Explore

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	Pre Test - Post Test	,0020080	,0002640	,0001181	,0016801	,0023359	17,005	4	,000

Explore

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	Pre Test - Post Test	-,0001200	,0002683	,0001200	-,0004532	,0002132	-1,000	4	,374

c. Uji Parametrik One Way Anova

Explore

Test of Homogeneity of Variances

Selisih

Levene Statistic	df 1	df 2	Sig.
,268	3	16	,847

Explore

ANOVA

Selisih

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	,000	3	,000	66,464	,000
Within Groups	,000	16	,000		
Total	,000	19			

Lampiran 2. Keterangan Selesai Penelitian
Lampiran 3. Kelayakan Uji Etik