

LAMPIRAN

Lampiran 1. Data Hasil Uji Statistik

a. Uji Normalitas Data

Explore

Tests of Normality^b

Kelompok	Kolmogorov-Smirnov ^a			Shapiro-Wilk			
	Statistic	df	Sig.	Statistic	df	Sig.	
Pre Test	37°C	,367	5	,026	,684	5	,006
	15°C	,367	5	,026	,684	5	,006
	65°C	,367	5	,026	,684	5	,006
	15°C65°C	,473	5	,001	,552	5	,000
Post Test	15°C	,349	5	,046	,771	5	,046
	65°C	,367	5	,026	,684	5	,006
	15°C65°C	,367	5	,026	,684	5	,006

a. Lilliefors Significance Correction

b. Post Test is constant when Kelompok = 37°C. It has been omitted.

Explore

Descriptives

Temperatur				Statistic	Std. Error
Pre Test	37°C	Mean		,002740	,0001470
		95% Confidence	Lower Bound	,002332	
		Interval for Mean	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
		15°C	15°C	Mean	
95% Confidence	Lower Bound			,002452	
Interval for Mean	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
65°C	65°C			Mean	
		95% Confidence	Lower Bound	,002332	
		Interval for Mean	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
		15°C65°C	15°C65°C	Mean	
95% Confidence	Lower Bound			,002287	
Interval for Mean	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

Descriptives

Temperatur				Statistic	Std. Error
Post Test	37°C	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
		15°C	15°C	Mean	
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
65°C	65°C			Mean	
		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
		15°C65°C	15°C65°C	Mean	
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**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			

Explore**Multiple Comparisons**

Dependent Variable: Selisih

LSD

(I) Temperatur	(J) Temperatur	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
37°C	15°C	,0018880*	,0001984	,000	,001467	,002309
	65°C	-,0007200*	,0001984	,002	-,001141	-,000299
	15°C65°C	-,0002400	,0001984	,244	-,000661	,000181
15°C	37°C	-,0018880*	,0001984	,000	-,002309	-,001467
	65°C	-,0026080*	,0001984	,000	-,003029	-,002187
	15°C65°C	-,0021280*	,0001984	,000	-,002549	-,001707
65°C	37°C	,0007200*	,0001984	,002	,000299	,001141
	15°C	,0026080*	,0001984	,000	,002187	,003029
	15°C65°C	,0004800*	,0001984	,028	,000059	,000901
15°C65°C	37°C	,0002400	,0001984	,244	-,000181	,000661
	15°C	,0021280*	,0001984	,000	,001707	,002549
	65°C	-,0004800*	,0001984	,028	-,000901	-,000059

*. The mean difference is significant at the .05 level.