

LAMPIRAN

Lampiran 1 Hasil Uji Kolmogorov Smirnov, Uji Homogeneity of Variance, Uji One-Way Anova, dan Uji Post Hoc Tukey HSD pada Jam Pertama

Hasil uji normalitas

One-Sample Kolmogorov-Smirnov Test			Unstandardized Residual
N			25
Normal Parameters ^a	Mean		.0000000
	Std. Deviation		2.83842679
Most Extreme Differences	Absolute		.115
	Positive		.105
	Negative		-.115
Kolmogorov-Smirnov Z			.573
Asymp. Sig. (2-tailed)			.898
a. Test distribution is Normal.			

Hasil uji homogenitas

Test of Homogeneity of Variances			
Kematan			
Levene Statistic	df1	df2	Sig.
2.417	4	20	.083

Hasil uji one-way ANOVA

ANOVA					
Kematan					
	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	328.160	4	82.040	60.324	.000

Within Groups	27.200	20	1.360		
Total	355.360	24			

Hasil uji *post hoc* Tukey HSD

Multiple Comparisons

Kematian
Tukey HSD

(I) Perlakuan	(J) Perlakuan	Mean Difference (I- J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
1	2	-.600	.738	.923	-2.81	1.61
	3	-1.400	.738	.350	-3.61	.81
	4	.200	.738	.999	-2.01	2.41
	5	-9.400*	.738	.000	-11.61	-7.19
2	1	.600	.738	.923	-1.61	2.81
	3	-.800	.738	.812	-3.01	1.41
	4	.800	.738	.812	-1.41	3.01
	5	-8.800*	.738	.000	-11.01	-6.59
3	1	1.400	.738	.350	-.81	3.61
	2	.800	.738	.812	-1.41	3.01
	4	1.600	.738	.231	-.61	3.81
	5	-8.000*	.738	.000	-10.21	-5.79
4	1	-.200	.738	.999	-2.41	2.01
	2	-.800	.738	.812	-3.01	1.41
	3	-1.600	.738	.231	-3.81	.61
	5	-9.600*	.738	.000	-11.81	-7.39
5	1	9.400*	.738	.000	7.19	11.61
	2	8.800*	.738	.000	6.59	11.01
	3	8.000*	.738	.000	5.79	10.21
	4	9.600*	.738	.000	7.39	11.81

*. The mean difference is significant at the 0.05 level.

Homogeneous Subsets

Kematan			
Tukey HSD			
Perlakuan	N	Subset for alpha = 0.05	
		1	2
4	5	.40	
1	5	.60	
2	5	1.20	
3	5	2.00	
5	5		10.00
Sig.		.231	1.000

Means for groups in homogeneous subsets are displayed.



Lampiran 2 Hasil Uji Kolmogorov Smirnov, Uji Homogeneity of Variance, Uji Kruskal-Wallis dan Uji Mann Withney pada Jam Ke-2

Hasil uji normalitas

One-Sample Kolmogorov-Smirnov Test

		Unstandardized Residual
N		25
Normal Parameters ^a	Mean	.0000000
	Std. Deviation	3.06757233
Most Extreme Differences	Absolute	.129
	Positive	.120
	Negative	-.129
Kolmogorov-Smirnov Z		.644
Asymp. Sig. (2-tailed)		.802
a. Test distribution is Normal.		

Hasil uji homogenitas

Test of Homogeneity of Variances

Kematian

Levene Statistic	df1	df2	Sig.
6.318	4	20	.002

Hasil uji kruskal-wallis

Ranks

	Perlakuan	N	Mean Rank
Kematian	1	5	8.40
	2	5	11.60
	3	5	16.30
	4	5	5.70
	5	5	23.00

Ranks

	Perlakuan	N	Mean Rank
Kematian	1	5	8.40
	2	5	11.60
	3	5	16.30
	4	5	5.70
	5	5	23.00
	Total	25	

Test Statistics^{a,b}

	Kematian
Chi-Square	17.866
Df	4
Asymp. Sig.	.001

a. Kruskal Wallis Test

b. Grouping Variable: Perlakuan

Hasil uji Mann-Whitney

Konsentrasi 15% - Konsentrasi 30%

Test Statistics^b

	Kematian
Mann-Whitney U	8.000
Wilcoxon W	23.000
Z	-.964
Asymp. Sig. (2-tailed)	.335
Exact Sig. [2*(1-tailed Sig.)]	.421 ^a

a. Not corrected for ties.

b. Grouping Variable: Perlakuan

Konsentrasi 15% - Konsentrasi 45%

Test Statistics^b

	Kematian
Mann-Whitney U	4.500
Wilcoxon W	19.500
Z	-1.708
Asymp. Sig. (2-tailed)	.088
Exact Sig. [2*(1-tailed Sig.)]	.095 ^a

a. Not corrected for ties.

b. Grouping Variable: Perlakuan

Konsentrasi 15% - Kontrol (-)

Test Statistics ^b	
	Kematian
Mann-Whitney U	10.500
Wilcoxon W	25.500
Z	-.472
Asymp. Sig. (2-tailed)	.637
Exact Sig. [2*(1-tailed Sig.)]	.690 ^a

a. Not corrected for ties.

b. Grouping Variable: Perlakuan

Konsentrasi 30% - Kontrol (-)

Test Statistics ^b	
	Kematian
Mann-Whitney U	3.000
Wilcoxon W	18.000
Z	-2.147
Asymp. Sig. (2-tailed)	.032
Exact Sig. [2*(1-tailed Sig.)]	.056 ^a

a. Not corrected for ties.

b. Grouping Variable: Perlakuan

Konsentrasi 15% - Kontrol (+)

Test Statistics ^b	
	Kematian
Mann-Whitney U	.000
Wilcoxon W	15.000
Z	-2.825
Asymp. Sig. (2-tailed)	.005
Exact Sig. [2*(1-tailed Sig.)]	.008 ^a

a. Not corrected for ties.

b. Grouping Variable: Perlakuan

Konsentrasi 30% - Kontrol (+)

Test Statistics ^b	
	Kematian
Mann-Whitney U	.000
Wilcoxon W	15.000
Z	-2.825
Asymp. Sig. (2-tailed)	.005
Exact Sig. [2*(1-tailed Sig.)]	.008 ^a

a. Not corrected for ties.

b. Grouping Variable: Perlakuan

Konsentrasi 30% - Konsentrasi 45%

Test Statistics ^b	
	Kematian
Mann-Whitney U	4.000
Wilcoxon W	19.000
Z	-1.844
Asymp. Sig. (2-tailed)	.065
Exact Sig. [2*(1-tailed Sig.)]	.095 ^a

a. Not corrected for ties.

b. Grouping Variable: Perlakuan

Konsentrasi 45% - Kontrol (-)

Test Statistics ^b	
	Kematian
Mann-Whitney U	.000
Wilcoxon W	15.000
Z	-2.668
Asymp. Sig. (2-tailed)	.008
Exact Sig. [2*(1-tailed Sig.)]	.008 ^a

a. Not corrected for ties.

b. Grouping Variable: Perlakuan

Konsentrasi 45% - Kontrol (+)

Test Statistics ^b	
	Kematian
Mann-Whitney U	.000
Wilcoxon W	15.000
Z	-2.805
Asymp. Sig. (2-tailed)	.005
Exact Sig. [2*(1-tailed Sig.)]	.008 ^a

a. Not corrected for ties.

b. Grouping Variable: Perlakuan

Kontrol (-) - Kontrol (+)

Test Statistics ^b	
	Kematian
Mann-Whitney U	.000
Wilcoxon W	15.000
Z	-2.835
Asymp. Sig. (2-tailed)	.005
Exact Sig. [2*(1-tailed Sig.)]	.008 ^a

a. Not corrected for ties.

b. Grouping Variable: Perlakuan



Lampiran 3 Hasil Uji Kolmogorov Smirnov, Uji *Homogeneity of Variance*, Uji *Kruskal-Wallis* dan Uji *Mann Withney* pada Jam Ke-3

Hasil uji normalitas

One-Sample Kolmogorov-Smirnov Test

		Unstandardized Residual
N		25
Normal Parameters ^a	Mean	.0000000
	Std. Deviation	3.12409987
Most Extreme Differences	Absolute	.146
	Positive	.135
	Negative	-.146
Kolmogorov-Smirnov Z		.732
Asymp. Sig. (2-tailed)		.658
a. Test distribution is Normal.		

Hasil uji homogenitas

Test of Homogeneity of Variances

Kematian

Levene Statistic	df1	df2	Sig.
4.163	4	20	.013

Hasil uji kruskal-wallis

Ranks

	Perlakuan	N	Mean Rank
Kematian	1	5	9.10
	2	5	12.70
	3	5	16.30
	4	5	3.90
	5	5	23.00
Total		25	

Test Statistics^{a,b}

	Kematian
Chi-Square	19.857
df	4
Asymp. Sig.	.001

a. Kruskal Wallis Test

b. Grouping Variable:
Perlakuan

Hasil uji Mann-Whitney

Konsentrasi 15% - Konsentrasi 30%Konsentrasi 15% - Kontrol (-)**Test Statistics^b**

	Kematian
Mann-Whitney U	6.000
Wilcoxon W	21.000
Z	-1.392
Asymp. Sig. (2-tailed)	.164
Exact Sig. [2*(1-tailed Sig.)]	.222 ^a

a. Not corrected for ties.

b. Grouping Variable: Perlakuan

Konsentrasi 15% - Konsentrasi 45%**Test Statistics^b**

	Kematian
Mann-Whitney U	4.000
Wilcoxon W	19.000
Z	-1.844
Asymp. Sig. (2-tailed)	.065
Exact Sig. [2*(1-tailed Sig.)]	.095 ^a

a. Not corrected for ties.

b. Grouping Variable: Perlakuan

Test Statistics^b

	Kematian
Mann-Whitney U	4.500
Wilcoxon W	19.500
Z	-1.890
Asymp. Sig. (2-tailed)	.059
Exact Sig. [2*(1-tailed Sig.)]	.095 ^a

a. Not corrected for ties.

b. Grouping Variable: Perlakuan

Konsentrasi 15% - Kontrol (+)**Test Statistics^b**

	Kematian
Mann-Whitney U	.000
Wilcoxon W	15.000
Z	-2.825
Asymp. Sig. (2-tailed)	.005
Exact Sig. [2*(1-tailed Sig.)]	.008 ^a

a. Not corrected for ties.

b. Grouping Variable: Perlakuan

Konesntrasi 30% - Konsentrasi 45%

Test Statistics ^b	
	Kematian
Mann-Whitney U	4.500
Wilcoxon W	19.500
Z	-1.735
Asymp. Sig. (2-tailed)	.083
Exact Sig. [2*(1-tailed Sig.)]	.095 ^a

a. Not corrected for ties.

b. Grouping Variable: Perlakuan

Konsentrasi 45% - Kontrol (-)

Test Statistics ^b	
	Kematian
Mann-Whitney U	.000
Wilcoxon W	15.000
Z	-2.694
Asymp. Sig. (2-tailed)	.007
Exact Sig. [2*(1-tailed Sig.)]	.008 ^a

a. Not corrected for ties.

b. Grouping Variable: Perlakuan

Konsentrasi 30% - Kontrol (-)

Test Statistics ^b	
	Kematian
Mann-Whitney U	.000
Wilcoxon W	15.000
Z	-2.660
Asymp. Sig. (2-tailed)	.008
Exact Sig. [2*(1-tailed Sig.)]	.008 ^a

a. Not corrected for ties.

b. Grouping Variable: Perlakuan

Konsentrasi 45% - Kontrol (+)

Test Statistics ^b	
	Kematian
Mann-Whitney U	.000
Wilcoxon W	15.000
Z	-2.835
Asymp. Sig. (2-tailed)	.005
Exact Sig. [2*(1-tailed Sig.)]	.008 ^a

a. Not corrected for ties.

b. Grouping Variable: Perlakuan

Konsentrasi 30% - Kontrol (+)

Test Statistics ^b	
	Kematian
Mann-Whitney U	.000
Wilcoxon W	15.000
Z	-2.795
Asymp. Sig. (2-tailed)	.005
Exact Sig. [2*(1-tailed Sig.)]	.008 ^a

a. Not corrected for ties.

b. Grouping Variable: Perlakuan

Kontrol (-) - Kontrol (+)

Test Statistics ^b	
	Kematian
Mann-Whitney U	.000
Wilcoxon W	15.000
Z	-2.835
Asymp. Sig. (2-tailed)	.005
Exact Sig. [2*(1-tailed Sig.)]	.008 ^a

a. Not corrected for ties.

b. Grouping Variable: Perlakuan

Lampiran 4 Hasil Uji Kolmogorov Smirnov, Uji *Homogeneity of Variance*, Uji *Kruskal-Wallis* dan Uji *Mann Withney* pada Jam Ke-4

Hasil uji normalitas

One-Sample Kolmogorov-Smirnov Test

		Unstandardized Residual
N		25
Normal Parameters ^a	Mean	.0000000
	Std. Deviation	3.14788289
Most Extreme Differences	Absolute	.175
	Positive	.147
	Negative	-.175
Kolmogorov-Smirnov Z		.875
Asymp. Sig. (2-tailed)		.428

a. Test distribution is Normal.

Hasil uji homogenitas

Test of Homogeneity of Variances

Kematian

Levene Statistic	df1	df2	Sig.
3.853	4	20	.018

Ranks

	Perlakuan	N	Mean Rank
Kematian	1	5	9.30
	2	5	12.20
	3	5	17.10
	4	5	3.40
	5	5	23.00
Total		25	

Hasil uji kruskal-wallis

Test Statistics^{a,b}

	Kematian
Chi-Square	21.074
Df	4
Asymp. Sig.	.000

a. Kruskal Wallis Test

b. Grouping Variable:
Perlakuan

Hasil uji Mann-Withney

Konsentrasi 15% - Konsentrasi 30%

Test Statistics^b

	Kematian
Mann-Whitney U	6.000
Wilcoxon W	21.000
Z	-1.383
Asymp. Sig. (2-tailed)	.167
Exact Sig. [2*(1-tailed Sig.)]	.222 ^a

a. Not corrected for ties.

b. Grouping Variable: Perlakuan

Konsentrasi 15% - Konsentrasi 45%

Test Statistics^b

	Kematian
Mann-Whitney U	2.500
Wilcoxon W	17.500
Z	-2.115
Asymp. Sig. (2-tailed)	.034
Exact Sig. [2*(1-tailed Sig.)]	.032 ^a

a. Not corrected for ties.

b. Grouping Variable: Perlakuan

Konsentrasi 15% - Kontrol (-)

Test Statistics^b

	Kematian
Mann-Whitney U	2.000
Wilcoxon W	17.000
Z	-2.348
Asymp. Sig. (2-tailed)	.019
Exact Sig. [2*(1-tailed Sig.)]	.032 ^a

a. Not corrected for ties.

b. Grouping Variable: Perlakuan

Konsentrasi 15% - Kontrol (+)

Test Statistics^b

	Kematian
Mann-Whitney U	.000
Wilcoxon W	15.000
Z	-2.795
Asymp. Sig. (2-tailed)	.005
Exact Sig. [2*(1-tailed Sig.)]	.008 ^a

a. Not corrected for ties.

b. Grouping Variable: Perlakuan

Konesntrasi 30% - Konsentrasi 45%

Test Statistics ^b	
	Kematian
Mann-Whitney U	2.000
Wilcoxon W	17.000
Z	-2.278
Asymp. Sig. (2-tailed)	.023
Exact Sig. [2*(1-tailed Sig.)]	.032 ^a

a. Not corrected for ties.

b. Grouping Variable: Perlakuan

Konsentrasi 45% - Kontrol (-)

Test Statistics ^b	
	Kematian
Mann-Whitney U	.000
Wilcoxon W	15.000
Z	-2.712
Asymp. Sig. (2-tailed)	.007
Exact Sig. [2*(1-tailed Sig.)]	.008 ^a

a. Not corrected for ties.

b. Grouping Variable: Perlakuan
Konsentrasi 45% - Kontrol (+)Konsentrasi 30% - Kontrol (-)

Test Statistics ^b	
	Kematian
Mann-Whitney U	.000
Wilcoxon W	15.000
Z	-2.712
Asymp. Sig. (2-tailed)	.007
Exact Sig. [2*(1-tailed Sig.)]	.008 ^a

a. Not corrected for ties.

b. Grouping Variable: Perlakuan

Test Statistics ^b	
	Kematian
Mann-Whitney U	.000
Wilcoxon W	15.000
Z	-2.805
Asymp. Sig. (2-tailed)	.005
Exact Sig. [2*(1-tailed Sig.)]	.008 ^a

a. Not corrected for ties.

b. Grouping Variable: Perlakuan

Konsentrasi 30% - Kontrol (+)

Test Statistics ^b	
	Kematian
Mann-Whitney U	.000
Wilcoxon W	15.000
Z	-2.805
Asymp. Sig. (2-tailed)	.005
Exact Sig. [2*(1-tailed Sig.)]	.008 ^a

a. Not corrected for ties.

b. Grouping Variable: Perlakuan

Kontrol (-) - Kontrol (+)

Test Statistics ^b	
	Kematian
Mann-Whitney U	.000
Wilcoxon W	15.000
Z	-2.887
Asymp. Sig. (2-tailed)	.004
Exact Sig. [2*(1-tailed Sig.)]	.008 ^a

a. Not corrected for ties.

b. Grouping Variable: Perlakuan

Lampiran 5 Hasil Uji Kolmogorov Smirnov, Uji *Homogeneity of Variance*, Uji *Kruskal-Wallis* dan Uji *Mann Withney* pada Jam Ke-5

Hasil uji normalitas

One-Sample Kolmogorov-Smirnov Test

		Unstandardized Residual
N		25
Normal Parameters ^a	Mean	.0000000
	Std. Deviation	3.20104150
Most Extreme Differences	Absolute	.193
	Positive	.118
	Negative	-.193
Kolmogorov-Smirnov Z		.965
Asymp. Sig. (2-tailed)		.309
a. Test distribution is Normal.		

Hasil uji homogenitas

Test of Homogeneity of Variances

Kematian

Levene Statistic	df1	df2	Sig.
3.058	4	20	.041

Hasil uji kruskal-wallis

Ranks

	Perlakuan	N	Mean Rank
Kematian	1	5	8.70
	2	5	13.50
	3	5	16.10
	4	5	3.70
	5	5	23.00
	Total	25	

Test Statistics^{a,b}

	Kematian
Chi-Square	20.157
Df	4
Asymp. Sig.	.000

a. Kruskal Wallis Test

b. Grouping Variable:
PerlakuanHasil uji Mann-WhitneyKonsentrasi 15% - Konsentrasi 30%**Test Statistics^b**

	Kematian
Mann-Whitney U	4.000
Wilcoxon W	19.000
Z	-1.792
Asymp. Sig. (2-tailed)	.073
Exact Sig. [2*(1-tailed Sig.)]	.095 ^a

a. Not corrected for ties.

b. Grouping Variable: Perlakuan

Konsentrasi 15% - Konsentrasi 45%**Test Statistics^b**

	Kematian
Mann-Whitney U	3.000
Wilcoxon W	18.000
Z	-2.022
Asymp. Sig. (2-tailed)	.043
Exact Sig. [2*(1-tailed Sig.)]	.056 ^a

a. Not corrected for ties.

b. Grouping Variable: Perlakuan

Konsentrasi 15% - Kontrol (-)**Test Statistics^b**

	Kematian
Mann-Whitney U	3.500
Wilcoxon W	18.500
Z	-1.915
Asymp. Sig. (2-tailed)	.055
Exact Sig. [2*(1-tailed Sig.)]	.056 ^a

a. Not corrected for ties.

b. Grouping Variable: Perlakuan

Konsentrasi 15% - Kontrol (+)**Test Statistics^b**

	Kematian
Mann-Whitney U	.000
Wilcoxon W	15.000
Z	-2.795
Asymp. Sig. (2-tailed)	.005
Exact Sig. [2*(1-tailed Sig.)]	.008 ^a

a. Not corrected for ties.

b. Grouping Variable: Perlakuan

Konesntrasi 30% - Konsentrasi 45%

Test Statistics ^b	
	Kematian
Mann-Whitney U	6.500
Wilcoxon W	21.500
Z	-1.306
Asymp. Sig. (2-tailed)	.192
Exact Sig. [2*(1-tailed Sig.)]	.222 ^a

a. Not corrected for ties.

b. Grouping Variable: Perlakuan

Konsentrasi 45% - Kontrol (-)

Test Statistics ^b	
	Kematian
Mann-Whitney U	.000
Wilcoxon W	15.000
Z	-2.635
Asymp. Sig. (2-tailed)	.008
Exact Sig. [2*(1-tailed Sig.)]	.008 ^a

a. Not corrected for ties.

b. Grouping Variable: Perlakuan

Konsentrasi 30% - Kontrol (-)

Test Statistics ^b	
	Kematian
Mann-Whitney U	.000
Wilcoxon W	15.000
Z	-2.635
Asymp. Sig. (2-tailed)	.008
Exact Sig. [2*(1-tailed Sig.)]	.008 ^a

a. Not corrected for ties.

b. Grouping Variable: Perlakuan

Konsentrasi 45% - Kontrol (+)

Test Statistics ^b	
	Kematian
Mann-Whitney U	.000
Wilcoxon W	15.000
Z	-2.805
Asymp. Sig. (2-tailed)	.005
Exact Sig. [2*(1-tailed Sig.)]	.008 ^a

a. Not corrected for ties.

b. Grouping Variable: Perlakuan

Konsentrasi 30% - Kontrol (+)

Test Statistics ^b	
	Kematian
Mann-Whitney U	.000
Wilcoxon W	15.000
Z	-2.805
Asymp. Sig. (2-tailed)	.005
Exact Sig. [2*(1-tailed Sig.)]	.008 ^a

a. Not corrected for ties.

b. Grouping Variable: Perlakuan

Kontrol (-) - Kontrol (+)

Test Statistics ^b	
	Kematian
Mann-Whitney U	.000
Wilcoxon W	15.000
Z	-2.795
Asymp. Sig. (2-tailed)	.005
Exact Sig. [2*(1-tailed Sig.)]	.008 ^a

a. Not corrected for ties.

b. Grouping Variable: Perlakuan

Lampiran 6 Hasil Uji Kolmogorov Smirnov, Uji *Homogeneity of Variance*, Uji *Kruskal-Wallis* dan Uji *Mann Withney* pada Jam Ke-6

Hasil uji normalitas

One-Sample Kolmogorov-Smirnov Test

		Unstandardized Residual
N		25
Normal Parameters ^a	Mean	.0000000
	Std. Deviation	3.26330609
Most Extreme Differences	Absolute	.248
	Positive	.146
	Negative	-.248
Kolmogorov-Smirnov Z		1.240
Asymp. Sig. (2-tailed)		.092
a. Test distribution is Normal.		

Hasil uji homogenitas

Test of Homogeneity of Variances

Kematian

Levene Statistic	df1	df2	Sig.
3.939	4	20	.016

Hasil uji kruskal-wallis

Ranks

Perlakuan	N	Mean Rank
Kematian 1	5	8.00
2	5	13.60
3	5	17.30
4	5	3.60
5	5	22.50
Total	25	

Test Statistics^{a,b}

	Kematian
Chi-Square	21.070
Df	4
Asymp. Sig.	.000

a. Kruskal Wallis Test

b. Grouping Variable:
Perlakuan

Hasil uji Mann-Whitney

Konsentrasi 15% - Konsentrasi 30%Konsentrasi 15% - Kontrol (-)**Test Statistics^b**

	Kematian
Mann-Whitney U	2.500
Wilcoxon W	17.500
Z	-2.108
Asymp. Sig. (2-tailed)	.035
Exact Sig. [2*(1-tailed Sig.)]	.032 ^a

a. Not corrected for ties.

b. Grouping Variable: Perlakuan

Konsentrasi 15% - Konsentrasi 45%**Test Statistics^b**

	Kematian
Mann-Whitney U	.500
Wilcoxon W	15.500
Z	-2.546
Asymp. Sig. (2-tailed)	.011
Exact Sig. [2*(1-tailed Sig.)]	.008 ^a

a. Not corrected for ties.

b. Grouping Variable: Perlakuan

Test Statistics^b

	Kematian
Mann-Whitney U	3.000
Wilcoxon W	18.000
Z	-2.022
Asymp. Sig. (2-tailed)	.043
Exact Sig. [2*(1-tailed Sig.)]	.056 ^a

a. Not corrected for ties.

b. Grouping Variable: Perlakuan

Konsentrasi 15% - Kontrol (+)**Test Statistics^b**

	Kematian
Mann-Whitney U	.000
Wilcoxon W	15.000
Z	-2.785
Asymp. Sig. (2-tailed)	.005
Exact Sig. [2*(1-tailed Sig.)]	.008 ^a

a. Not corrected for ties.

b. Grouping Variable: Perlakuan

Konesntrasi 30% - Konsentrasi 45%

Test Statistics ^b	
	Kematian
Mann-Whitney U	5.500
Wilcoxon W	20.500
Z	-1.571
Asymp. Sig. (2-tailed)	.116
Exact Sig. [2*(1-tailed Sig.)]	.151 ^a

a. Not corrected for ties.

b. Grouping Variable: Perlakuan

Konsentrasi 45% - Kontrol (-)

Test Statistics ^b	
	Kematian
Mann-Whitney U	.000
Wilcoxon W	15.000
Z	-2.677
Asymp. Sig. (2-tailed)	.007
Exact Sig. [2*(1-tailed Sig.)]	.008 ^a

a. Not corrected for ties.

b. Grouping Variable: Perlakuan

Konsentrasi 30% - Kontrol (-)

Test Statistics ^b	
	Kematian
Mann-Whitney U	.000
Wilcoxon W	15.000
Z	-2.660
Asymp. Sig. (2-tailed)	.008
Exact Sig. [2*(1-tailed Sig.)]	.008 ^a

a. Not corrected for ties.

b. Grouping Variable: Perlakuan

Konsentrasi 45% - Kontrol (+)

Test Statistics ^b	
	Kematian
Mann-Whitney U	2.500
Wilcoxon W	17.500
Z	-2.390
Asymp. Sig. (2-tailed)	.017
Exact Sig. [2*(1-tailed Sig.)]	.032 ^a

a. Not corrected for ties.

b. Grouping Variable: Perlakuan

Konsentrasi 30% - Kontrol (+)

Test Statistics ^b	
	Kematian
Mann-Whitney U	.000
Wilcoxon W	15.000
Z	-2.805
Asymp. Sig. (2-tailed)	.005
Exact Sig. [2*(1-tailed Sig.)]	.008 ^a

a. Not corrected for ties.

b. Grouping Variable: Perlakuan

Kontrol (-) - Kontrol (+)

Test Statistics ^b	
	Kematian
Mann-Whitney U	.000
Wilcoxon W	15.000
Z	-2.825
Asymp. Sig. (2-tailed)	.005
Exact Sig. [2*(1-tailed Sig.)]	.008 ^a

a. Not corrected for ties.

b. Grouping Variable: Perlakuan

Lampiran 7 Hasil Uji Kolmogorov Smirnov, Uji *Homogeneity of Variance*, Uji *Kruskal-Wallis* dan Uji *Mann Withney* pada Jam Ke-24

Hasil uji normalitas

One-Sample Kolmogorov-Smirnov Test

		Unstandardized Residual
N		25
Normal Parameters ^a	Mean	.0000000
	Std. Deviation	3.11126984
Most Extreme Differences	Absolute	.341
	Positive	.232
	Negative	-.341
Kolmogorov-Smirnov Z		1.706
Asymp. Sig. (2-tailed)		.006
a. Test distribution is Normal.		

Hasil uji homogenitas

Test of Homogeneity of Variances

Kematian

Levene Statistic	df1	df2	Sig.
21.545	4	20	.000

Hasil uji kruskal-wallis

Ranks

	Perlakuan	N	Mean Rank
Kematian	1	5	8.10
	2	5	15.40
	3	5	19.00
	4	5	3.50
	5	5	19.00
	Total	25	

Test Statistics^{a,b}

	Kematian
Chi-Square	20.815
Df	4
Asymp. Sig.	.000

a. Kruskal Wallis Test

b. Grouping Variable:
PerlakuanHasil uji Mann-WhitneyKonsentrasi 15% - Konsentrasi 30%**Test Statistics^b**

	Kematian
Mann-Whitney U	3.000
Wilcoxon W	18.000
Z	-2.147
Asymp. Sig. (2-tailed)	.032
Exact Sig. [2*(1-tailed Sig.)]	.056 ^a

a. Not corrected for ties.

b. Grouping Variable: Perlakuan

Konsentrasi 15% - Konsentrasi 45%**Test Statistics^b**

	Kematian
Mann-Whitney U	.000
Wilcoxon W	15.000
Z	-2.825
Asymp. Sig. (2-tailed)	.005
Exact Sig. [2*(1-tailed Sig.)]	.008 ^a

a. Not corrected for ties.

b. Grouping Variable: Perlakuan

Konsentrasi 15% - Kontrol (-)**Test Statistics^b**

	Kematian
Mann-Whitney U	2.500
Wilcoxon W	17.500
Z	-2.128
Asymp. Sig. (2-tailed)	.033
Exact Sig. [2*(1-tailed Sig.)]	.032 ^a

a. Not corrected for ties.

b. Grouping Variable: Perlakuan

Konsentrasi 15% - Kontrol (+)**Test Statistics^b**

	Kematian
Mann-Whitney U	.000
Wilcoxon W	15.000
Z	-2.825
Asymp. Sig. (2-tailed)	.005
Exact Sig. [2*(1-tailed Sig.)]	.008 ^a

a. Not corrected for ties.

b. Grouping Variable: Perlakuan

Konesntrasi 30% - Konsentrasi 45%

Test Statistics ^b	
	Kematian
Mann-Whitney U	7.500
Wilcoxon W	22.500
Z	-1.500
Asymp. Sig. (2-tailed)	.134
Exact Sig. [2*(1-tailed Sig.)]	.310 ^a

a. Not corrected for ties.

b. Grouping Variable: Perlakuan

Konsentrasi 45% - Kontrol (-)

Test Statistics ^b	
	Kematian
Mann-Whitney U	.000
Wilcoxon W	15.000
Z	-2.795
Asymp. Sig. (2-tailed)	.005
Exact Sig. [2*(1-tailed Sig.)]	.008 ^a

a. Not corrected for ties.

b. Grouping Variable: Perlakuan

Konsentrasi 30% - Kontrol (-)

Test Statistics ^b	
	Kematian
Mann-Whitney U	.000
Wilcoxon W	15.000
Z	-2.660
Asymp. Sig. (2-tailed)	.008
Exact Sig. [2*(1-tailed Sig.)]	.008 ^a

a. Not corrected for ties.

b. Grouping Variable: Perlakuan

Konsentrasi 45% - Kontrol (+)

Test Statistics ^b	
	Kematian
Mann-Whitney U	12.500
Wilcoxon W	27.500
Z	.000
Asymp. Sig. (2-tailed)	1.000
Exact Sig. [2*(1-tailed Sig.)]	1.000 ^a

a. Not corrected for ties.

b. Grouping Variable: Perlakuan

Konsentrasi 30% - Kontrol (+)

Test Statistics ^b	
	Kematian
Mann-Whitney U	7.500
Wilcoxon W	22.500
Z	-1.500
Asymp. Sig. (2-tailed)	.134
Exact Sig. [2*(1-tailed Sig.)]	.310 ^a

a. Not corrected for ties.

b. Grouping Variable: Perlakuan

Kontrol (-) - Kontrol (+)

Test Statistics ^b	
	Kematian
Mann-Whitney U	.000
Wilcoxon W	15.000
Z	-2.795
Asymp. Sig. (2-tailed)	.005
Exact Sig. [2*(1-tailed Sig.)]	.008 ^a

a. Not corrected for ties.

b. Grouping Variable: Perlakuan

Lampiran 8 Hasil Uji Korelasi *Pearson* Antara Konsentrasi dan Kematian Tiap JamJam Pertama

Correlations			
		Perlakuan	Kematian
Perlakuan	Pearson Correlation	1	.675**
	Sig. (2-tailed)		.000
	N	25	25
Kematian	Pearson Correlation	.675**	1
	Sig. (2-tailed)	.000	
	N	25	25

** . Correlation is significant at the 0.01 level (2-tailed).

Jam Ke-2

Correlations			
		Perlakuan	Kematian
Perlakuan	Pearson Correlation	1	.571**
	Sig. (2-tailed)		.003
	N	25	25
Kematian	Pearson Correlation	.571**	1
	Sig. (2-tailed)	.003	
	N	25	25

** . Correlation is significant at the 0.01 level (2-tailed).

Jam Ke-3

Correlations			
		Perlakuan	Kematian
Perlakuan	Pearson Correlation	1	.485*
	Sig. (2-tailed)		.014

	N	25	25
Kematian	Pearson Correlation	.485*	1
	Sig. (2-tailed)	.014	
	N	25	25

*. Correlation is significant at the 0.05 level (2-tailed).

Jam Ke-4

Correlations

		Perlakuan	Kematian
Perlakuan	Pearson Correlation	1	.424*
	Sig. (2-tailed)		.035
	N	25	25
Kematian	Pearson Correlation	.424*	1
	Sig. (2-tailed)	.035	
	N	25	25

*. Correlation is significant at the 0.05 level (2-tailed).

Correlations

		Perlakuan	Kematian
Perlakuan	Pearson Correlation	1	.309
	Sig. (2-tailed)		.133
	N	25	25
Kematian	Pearson Correlation	.309	1
	Sig. (2-tailed)	.133	
	N	25	25

Jam Ke-5

Correlations

		Perlakuan	Kematian
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Perlakuan	Pearson Correlation	1	.232
	Sig. (2-tailed)		.264
	N	25	25
Kematian	Pearson Correlation	.232	1
	Sig. (2-tailed)	.264	
	N	25	25

Jam Ke-6**Correlations**

		Perlakuan	Kematian
Perlakuan	Pearson Correlation	1	-.037
	Sig. (2-tailed)		.860
	N	25	25
Kematian	Pearson Correlation	-.037	1
	Sig. (2-tailed)	.860	
	N	25	25

Jam Ke-24**Correlations**

		Waktu	Potensi
Waktu	Pearson Correlation	1	.627**
	Sig. (2-tailed)		.000
	N	35	35
Potensi	Pearson Correlation	.627**	1
	Sig. (2-tailed)	.000	
	N	35	35

** . Correlation is significant at the 0.01 level (2-tailed).

Lampiran 9 Hasil Uji Korelasi *Pearson* Antara Waktu dan Kematian Tiap PerlakuanKonsentrasi 15%

Correlations			
		Waktu	Potensi
Waktu	Pearson Correlation	1	.627**
	Sig. (2-tailed)		.000
	N	35	35
Potensi	Pearson Correlation	.627**	1
	Sig. (2-tailed)	.000	
	N	35	35

** . Correlation is significant at the 0.01 level (2-tailed).

Konsentrasi 30%

Correlations			
		Waktu	Potensi
Waktu	Pearson Correlation	1	.720**
	Sig. (2-tailed)		.000
	N	35	35
Potensi	Pearson Correlation	.720**	1
	Sig. (2-tailed)	.000	
	N	35	35

** . Correlation is significant at the 0.01 level (2-tailed).

Konsentrasi 45%

Correlations			
		Waktu	Potensi
Waktu	Pearson Correlation	1	.670**
	Sig. (2-tailed)		.000

	N	35	35
Potensi	Pearson		
	Correlation	.670**	1
	Sig. (2-tailed)	.000	
	N	35	35

** . Correlation is significant at the 0.01 level (2-tailed).

Lampiran 10 Hasil Uji Regresi Linear

Coefficients ^a					
Model		Unstandardized Coefficients		Standardized Coefficients	Sig.
		B	Std. Error	Beta	
1	(Constant)	-.034	.591		.955
	Waktu	.264	.029	.608	.000
	Perlakuan	.111	.017	.427	.000

a. Dependent Variable: Potensi

Lampiran 11 Foto Penelitian

Sprayer yang digunakan



Kandang Experimen dengan Lalat *Chrysomya* sp. didalamnya



Hasil Ekstraksi Kulit Kayu Durian



Malathion yang digunakan untuk Kontrol (+)



Kandang Perlakuan

