

Lampiran 1

Tabel 5.2 Rerata jumlah lalat yang mati

Waktu (Jam)	Ulangan	Konsentrasi Esktrak Daun Ceremai		
		32,5%	35%	37,5%
1	1	5	6	6
	2	5	6	7
	3	4	5	6
	4	4	5	6
	Rerata	4,5	5,5	6,25
2	1	6	7	7
	2	5	6	7
	3	5	6	7
	4	4	5	6
	Rerata	5	6	6,75
3	1	6	8	8
	2	6	7	8
	3	5	6	8
	4	5	6	7
	Rerata	5,5	6,75	7,75
4	1	7	8	9
	2	7	7	8
	3	6	7	9
	4	6	6	7
	Rerata	6,5	7	8,25
5	1	7	9	9
	2	8	9	9
	3	6	8	9
	4	7	8	9
	Rerata	7	8,5	9
6	1	8	9	10
	2	8	9	10
	3	7	9	10
	4	8	9	10
	Rerata	7,75	9	10
24	1	9	10	10
	2	9	10	10
	3	8	10	10
	4	9	10	10
	Rerata	8,75	10	10

Lampiran 2

Data Potensi Jumlah Lalat yang Mati dengan Esktrak Daun Ceremai

Waktu (Jam)	Ulangan	Konsentrasi Esktrak Daun Ceremai		
		32,5%	35%	37,5%
1	1	50	60	60
	2	50	60	70
	3	40	50	60
	4	40	50	60
	Rerata	45	55	62,5
2	1	60	70	70
	2	50	60	70
	3	50	60	70
	4	40	50	60
	Rerata	50	60	67,5
3	1	60	80	80
	2	60	70	80
	3	50	60	80
	4	50	60	70
	Rerata	55	67,5	77,5
4	1	70	80	90
	2	70	70	80
	3	60	70	90
	4	60	60	70
	Rerata	65	70	82,5
5	1	70	90	90
	2	80	90	90
	3	60	80	90
	4	70	80	90
	Rerata	70	85	90
6	1	80	90	100
	2	80	90	100
	3	70	90	100
	4	80	90	100
	Rerata	77,5	90	100
24	1	90	100	100
	2	90	100	100
	3	80	100	100
	4	90	100	100
	Rerata	87,5	100	100

Lampiran 3

Tabel 1 : Uji Normalitas

One-Sample Kolmogorov-Smirnov Test		
		Potensi Insektisida
N		84
Normal Parameters ^{a,b}	Mean	74,17
	Std. Deviation	17,230
Most Extreme Differences	Absolute	,142
	Positive	,140
	Negative	-,142
Kolmogorov-Smirnov Z		1,305
Asymp. Sig. (2-tailed)		,066

a. Test distribution is Normal.

b. Calculated from data.

Nilai signifikansi (p) > 0,05 maka disimpulkan data berdistribusi normal

Tabel 2 : Uji Homogenitas Ragam

Test of Homogeneity of Variances			
Potensi Insektisida			
Levene Statistic	df1	df2	Sig.
,484	2	81	,618

Nilai signifikansi (p) > 0,05 maka disimpulkan data mempunyai ragam yang homogen

Lampiran 4

Tabel 3

Oneway

Descriptives

		N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
						Lower Bound	Upper Bound		
60 menit	32,5%	4	45,00	5,774	2,887	35,81	54,19	40	50
	35%	4	55,00	5,774	2,887	45,81	64,19	50	60
	37,5%	4	62,50	5,000	2,500	54,54	70,46	60	70
	Total	12	54,17	9,003	2,599	48,45	59,89	40	70
120 menit	32,5%	4	50,00	8,165	4,082	37,01	62,99	40	60
	35%	4	60,00	8,165	4,082	47,01	72,99	50	70
	37,5%	4	67,50	5,000	2,500	59,54	75,46	60	70
	Total	12	59,17	9,962	2,876	52,84	65,50	40	70
180 menit	32,5%	4	55,00	5,774	2,887	45,81	64,19	50	60
	35%	4	67,50	9,574	4,787	52,27	82,73	60	80
	37,5%	4	77,50	5,000	2,500	69,54	85,46	70	80
	Total	12	66,67	11,547	3,333	59,33	74,00	50	80
240 menit	32,5%	4	65,00	5,774	2,887	55,81	74,19	60	70
	35%	4	70,00	8,165	4,082	57,01	82,99	60	80
	37,5%	4	82,50	9,574	4,787	67,27	97,73	70	90
	Total	12	72,50	10,553	3,046	65,80	79,20	60	90
300 menit	32,5%	4	70,00	8,165	4,082	57,01	82,99	60	80
	35%	4	85,00	5,774	2,887	75,81	94,19	80	90
	37,5%	4	90,00	,000	,000	90,00	90,00	90	90
	Total	12	81,67	10,299	2,973	75,12	88,21	60	90
360 menit	32,5%	4	77,50	5,000	2,500	69,54	85,46	70	80
	35%	4	90,00	,000	,000	90,00	90,00	90	90
	37,5%	4	100,00	,000	,000	100,00	100,00	100	100
	Total	12	89,17	9,962	2,876	82,84	95,50	70	100
1440 menit	32,5%	4	87,50	5,000	2,500	79,54	95,46	80	90
	35%	4	100,00	,000	,000	100,00	100,00	100	100
	37,5%	4	100,00	,000	,000	100,00	100,00	100	100
	Total	12	95,83	6,686	1,930	91,59	100,08	80	100

Tabel 4

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
60 menit	Between Groups	616,667	2	308,333	10,091	,005
	Within Groups	275,000	9	30,556		
	Total	891,667	11			
120 menit	Between Groups	616,667	2	308,333	5,842	,024
	Within Groups	475,000	9	52,778		
	Total	1091,667	11			
180 menit	Between Groups	1016,667	2	508,333	10,167	,005
	Within Groups	450,000	9	50,000		
	Total	1466,667	11			
240 menit	Between Groups	650,000	2	325,000	5,087	,033
	Within Groups	575,000	9	63,889		
	Total	1225,000	11			
300 menit	Between Groups	866,667	2	433,333	13,000	,002
	Within Groups	300,000	9	33,333		
	Total	1166,667	11			
360 menit	Between Groups	1016,667	2	508,333	61,000	,000
	Within Groups	75,000	9	8,333		
	Total	1091,667	11			
1440 menit	Between Groups	416,667	2	208,333	25,000	,000
	Within Groups	75,000	9	8,333		
	Total	491,667	11			

Lampiran 5

Tabel 5

Post Hoc Tests

Multiple Comparisons

Tukey HSD

Dependent Variable	(I) Perlakuan	(J) Perlakuan	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
60 menit	32,5%	35%	-10,000	3,909	,072	-20,91	,91
		37,5%	-17,500*	3,909	,004	-28,41	-6,59
	35%	32,5%	10,000	3,909	,072	-,91	20,91
		37,5%	-7,500	3,909	,189	-18,41	3,41
120 menit	37,5%	32,5%	17,500*	3,909	,004	6,59	28,41
		35%	7,500	3,909	,189	-3,41	18,41
	32,5%	35%	-10,000	5,137	,181	-24,34	4,34
		37,5%	-17,500*	5,137	,019	-31,84	-3,16
180 menit	35%	32,5%	10,000	5,137	,181	-4,34	24,34
		37,5%	-7,500	5,137	,353	-21,84	6,84
	37,5%	32,5%	17,500*	5,137	,019	3,16	31,84
		35%	7,500	5,137	,353	-6,84	21,84
240 menit	32,5%	35%	-12,500*	5,000	,079	-26,46	1,46
		37,5%	-22,500*	5,000	,004	-36,46	-8,54
	35%	32,5%	12,500	5,000	,079	-1,46	26,46
		37,5%	-10,000	5,000	,168	-23,96	3,96
300 menit	37,5%	32,5%	22,500*	5,000	,004	8,54	36,46
		35%	10,000	5,000	,168	-3,96	23,96
	32,5%	35%	-5,000	5,652	,663	-20,78	10,78
		37,5%	-17,500*	5,652	,031	-33,28	-1,72
360 menit	35%	32,5%	5,000	5,652	,663	-10,78	20,78
		37,5%	-12,500	5,652	,122	-28,28	3,28
	37,5%	32,5%	17,500*	5,652	,031	1,72	33,28
		35%	12,500	5,652	,122	-3,28	28,28
1440 menit	32,5%	35%	-15,000*	4,082	,013	-26,40	-3,60
		37,5%	-20,000*	4,082	,002	-31,40	-8,60
	35%	32,5%	15,000	4,082	,013	3,60	26,40
		37,5%	-5,000	4,082	,469	-16,40	6,40
360 menit	37,5%	32,5%	20,000*	4,082	,002	8,60	31,40
		35%	5,000	4,082	,469	-6,40	16,40
	32,5%	35%	-12,500*	2,041	,000	-18,20	-6,80
		37,5%	-22,500*	2,041	,000	-28,20	-16,80
1440 menit	35%	32,5%	12,500*	2,041	,000	6,80	18,20
		37,5%	-10,000*	2,041	,002	-15,70	-4,30
	37,5%	32,5%	22,500*	2,041	,000	16,80	28,20
		35%	10,000*	2,041	,002	4,30	15,70
360 menit	32,5%	35%	-12,500*	2,041	,000	-18,20	-6,80
		37,5%	-12,500*	2,041	,000	-18,20	-6,80
	35%	32,5%	12,500*	2,041	,000	6,80	18,20
		37,5%	,000	2,041	1,000	-5,70	5,70
360 menit	37,5%	32,5%	12,500*	2,041	,000	6,80	18,20
		35%	,000	2,041	1,000	-5,70	5,70

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

Lampiran 6

Homogeneous Subsets

60 menit

Tukey HSD

Perlakuan	N	Subset for alpha = 0.05	
		1	2
32,5%	4	45,00	
35%	4	55,00	55,00
37,5%	4		62,50
Sig.		,072	,189

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 4,000.

120 menit

Tukey HSD

Perlakuan	N	Subset for alpha = 0.05	
		1	2
32,5%	4	50,00	
35%	4	60,00	60,00
37,5%	4		67,50
Sig.		,181	,353

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 4,000.

180 menit

Tukey HSD

Perlakuan	N	Subset for alpha = 0.05	
		1	2
32,5%	4	55,00	
35%	4	67,50	67,50
37,5%	4		77,50
Sig.		,079	,168

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 4,000.

240 menit

Tukey HSD

Perlakuan	N	Subset for alpha = 0.05	
		1	2
32,5%	4	65,00	
35%	4	70,00	70,00
37,5%	4		82,50
Sig.		,663	,122

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 4,000.

300 menit

Tukey HSD

Perlakuan	N	Subset for alpha = 0.05	
		1	2
32,5%	4	70,00	
35%	4		85,00
37,5%	4		90,00
Sig.		1,000	,469

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 4,000.

360 menit

Tukey HSD

Perlakuan	N	Subset for alpha = 0.05		
		1	2	3
32,5%	4	77,50		
35%	4		90,00	
37,5%	4			100,00
Sig.		1,000	1,000	1,000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 4,000.

1440 menit

Tukey HSD

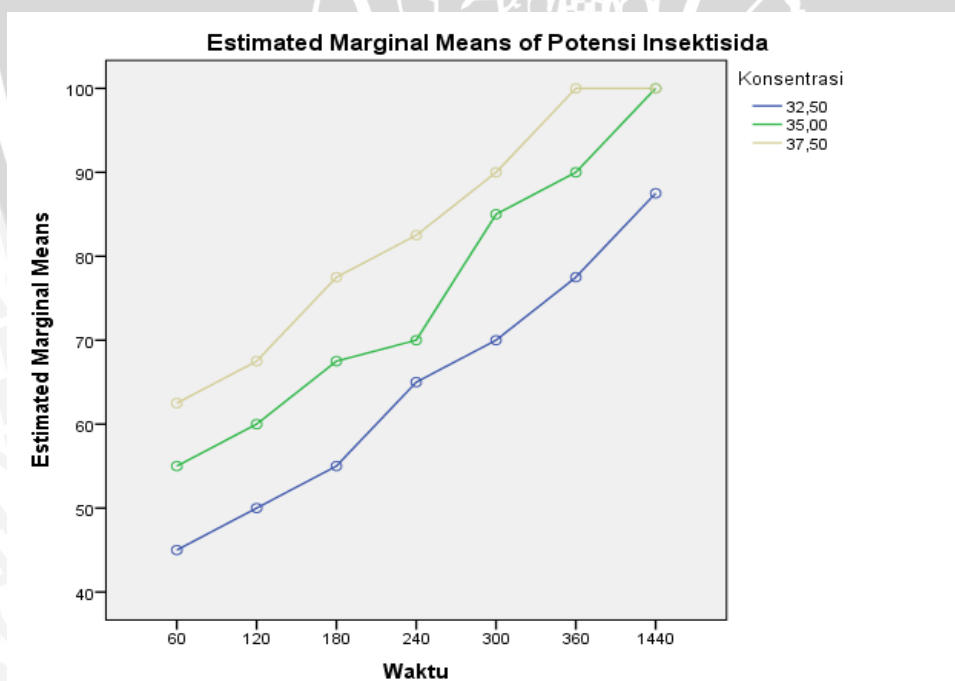
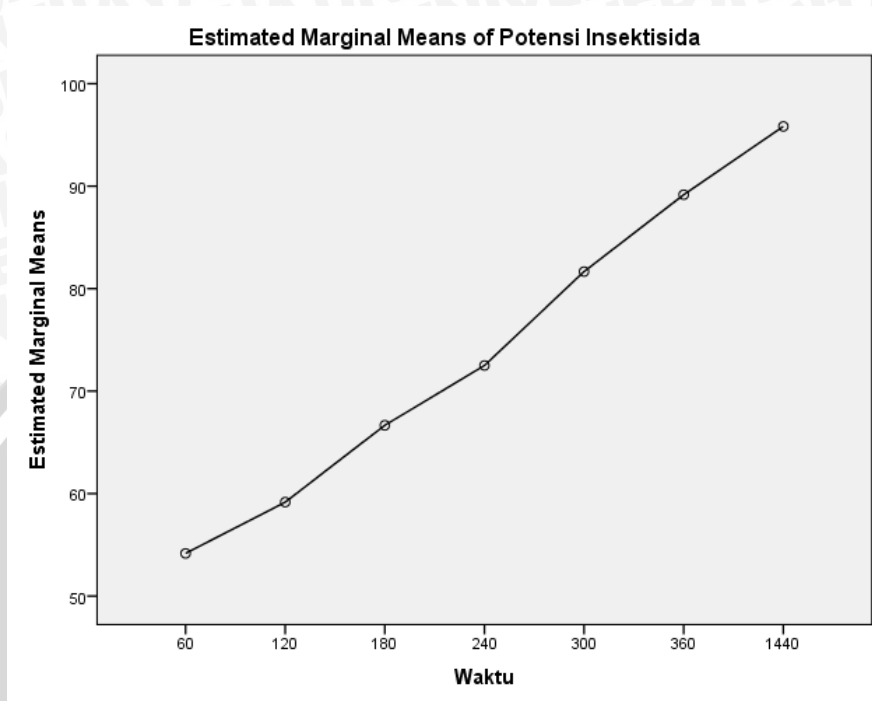
Perlakuan	N	Subset for alpha = 0.05	
		1	2
32,5%	4	87,50	
35%	4		100,00
37,5%	4		100,00
Sig.		1,000	1,000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 4,000.

Lampiran 7

Means Plots



Lampiran 8

Uji Korelasi Pearson

Correlations

		Potensi Insektisida	Konsentrasi
Potensi Insektisida	Pearson Correlation	1	,443**
	Sig. (2-tailed)		,000
	N	84	84
Konsentrasi	Pearson Correlation	,443**	1
	Sig. (2-tailed)	,000	
	N	84	84

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

Correlations

		Potensi Insektisida	Waktu
Potensi Insektisida	Pearson Correlation	1	,645**
	Sig. (2-tailed)		,000
	N	84	84
Waktu	Pearson Correlation	,645**	1
	Sig. (2-tailed)	,000	
	N	84	84

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

Lampiran 9

Uji Regresi

Variables Entered/Removed^a

Model	Variables Entered	Variables Removed	Method
1	Waktu, Konsentrasi ^b	.	Enter

a. Dependent Variable: Potensi Insektisida

b. All requested variables entered.

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,783 ^a	,612	,603	10,859

a. Predictors: (Constant), Waktu, Konsentrasi

ANOVA^a

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	15090,384	2	7545,192	63,987	,000 ^b
	Residual	9551,282	81	117,917		
	Total	24641,667	83			

a. Dependent Variable: Potensi Insektisida

b. Predictors: (Constant), Waktu, Konsentrasi

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	-65,506	20,376		-3,215	,002
	Konsentrasi	3,714	,580	,443	6,399	,000
	Waktu	,025	,003	,645	9,329	,000

a. Dependent Variable: Potensi Insektisida