Lampiran 1

Tabel 5.1 PENGULANGAN 1 (Jumlah nyamuk yang mati)

Pengulangan 1	25%	20%	15%	K+	K-
Jam ke 1	15	11	10	25	0
Jam ke 2	17	13	12	25	0
Jam ke 3	19	15	14	25	0
Jam ke 4	21	17	15	25	0
Jam ke 5	23	19	17	25	0
Jam ke 6	24	21	18	25	0
Jam ke 24	25	24	23	25	0

Tabel 5.2 PENGULANGAN 2 (Jumlah nyamuk yang mati)

Pengulangan 2	25%	20%	15%	K+	K-
Jam ke 1	14	11	10	25	0
Jam ke 2	16	14	11	25	0
Jam ke 3	18	16	13	25	0
Jam ke 4	21	17	14	25	0
Jam ke 5	23	19	17	25	0
Jam ke 6	24	21	18	25	0
Jam ke 24	25	24	22	25	0

Tabel 5.3 PENGULANGAN 3 (Jumlah nyamuk yang mati)

Pengulangan 3	25%	20%	15%	K+	K-
Jam ke 1	14	12	11	25	0
Jam ke 2	16	14	13	25	0
Jam ke 3	17	15	15	25	0
Jam ke 4	19	17	16	25	0
Jam ke 5	21	17	16	25	0
Jam ke 6	23	20	18	25	0
Jam ke 24	25	24	23	25	0

Tabel 5.4 PENGULANGAN 4 (Jumlah nyamuk yang mati)

Pengulangan 4	25%	20%	15%	K+	K-
Jam ke 1	14	11	10	25	0
Jam ke 2	17	15	12	25	0
Jam ke 3	18	16	13	25	0
Jam ke 4	20	17	15	25	0
Jam ke 5	22	18	17	25	0
Jam ke 6	23	19	18	25	0
Jam ke 24	25	24	22	25	0

Tabel 5.5 Potensi Insektisida Ekstrak Daun Ceremai pada Beberapa Konsentrasi dan Interval Waktu

Waktu	Ulangan	25%	20%	15%	kontrol (-)	kontrol (+)
1 jam	1	60	44	40	0	100
	2	56	44	40	0	100
	3	56	48	44	0	100
	4	56	44	40	0	100
Rata-rata		57±2	45±2	41±2	0±0	100±0
2 jam	1	68	52	48	0	100
	2	64	56	44	0	100
	3	64	56	52	0	100
	4	68	60	48	0	100
Rata-rata		66±2.31	56±3.27	48±3.27	0±0	100±0
3 jam	1	76	60	56	0	100
	2	72	64	52	0	100
	3	68	60	60	0	100
	4	72	64	52	0	100
Rata-rata		72±3.27	62±2.31	55±3.83	0±0	100±0
4 jam	1	84	68	60	0	100
	2	84	68	56	0	100
	3	76	68	64	0	100
	4	80	68	60	0	100
Rata-rata		81±3.83	68±0	60±3.27	0±0	100±0
5 jam	1	92	76	68	0	100
	2	92	76	68	0	100
	3	84	68	64	0	100
	4	88	72	68	0	100
Rata-rata		89±3.83	73±3.83	67±2.0	0±0	100±0
6 jam	1	96	84	72	0	100
	2	96	84	72	0	100
	3	92	80	72	0	100
	4	92	76	72	0	100
Rata-rata		94±2.31	81±3.83	72±0	0±0	100±0
24 jam	1	100	96	92	0	100
	2	100	96	88	0	100
	3	100	96	92	0	100
	4	100	96	88	0	100
Rata-rata		100±0	96±0	90±2.31	0±0	100±0

Lampiran 2

Tabel 5.6

Uji Homogenitas

Test of Homogeneity of Variances

Jumlah Nyamuk yang mati

Levene Statistic	df1	df2	Sig.
.025	2	81	.975

Lampiran 3

Tabel 5.7

Uji Normalitas

One-Sample Kolmogorov-Smirnov Test

		Jumlah Nyamuk yang mati
N		84
Normal Parameters[a,b]	Mean	17.5357
	Std. Deviation	4.25808
Most Extreme Differences	Absolute	.098
	Positive	.098
	Negative	-.091
Kolmogorov-Smirnov Z		.895
Asymp. Sig. (2-tailed)		.399

a. Test distribution is Normal.

b. Calculated from data.

Lampiran 4

Tabel 5.8

Analisis ragam

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
1 jam	Between Groups	34.667	2	17.333	69.333	.000
	Within Groups	2.250	9	.250		
	Total	36.917	11			
2 jam	Between Groups	40.667	2	20.333	36.600	.000
	Within Groups	5.000	9	.556		
	Total	45.667	11			
3 jam	Between Groups	36.500	2	18.250	28.565	.000
	Within Groups	5.750	9	.639		
	Total	42.250	11			
4 jam	Between Groups	56.167	2	28.083	53.211	.000
	Within Groups	4.750	9	.528		
	Total	60.917	11			
5 jam	Between Groups	64.667	2	32.333	46.560	.000
	Within Groups	6.250	9	.694		
	Total	70.917	11			
6 jam	Between Groups	61.167	2	30.583	73.400	.000
	Within Groups	3.750	9	.417		
	Total	64.917	11			
24 jam	Between Groups	12.667	2	6.333	57.000	.000
	Within Groups	1.000	9	.111		
	Total	13.667	11			

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
Konsentrasi 25%	Between Groups	366.714	6	61.119	125.220	.000
	Within Groups	10.250	21	.488		
	Total	376.964	27			
Konsentrasi 20%	Between Groups	420.857	6	70.143	159.243	.000
	Within Groups	9.250	21	.440		
	Total	430.107	27			
Konsentrasi 15%	Between Groups	399.714	6	66.619	151.243	.000
	Within Groups	9.250	21	.440		
	Total	408.964	27			

Tabel 5.10

Waktu	Konsentrasi (1)	Konsentrasi (2)	Mean Difference (I-J)	Sig.	Keterangan
1 jam	25%	20%	3.000	0.000	Berbeda nyata
		15%	4.000	0.000	Berbeda nyata
	20%	25%	-3.000	0.000	Berbeda nyata
		15%	1.000	0.047	Berbeda nyata
	15%	25%	-4.000	0.000	Berbeda nyata
		20%	-1.000	0.047	Berbeda nyata
2 jam	25%	20%	2.500	0.003	Berbeda nyata
		15%	4.500	0.000	Berbeda nyata
	20%	25%	-2.500	0.003	Berbeda nyata
		15%	2.000	0.011	Berbeda nyata
	15%	25%	-4.500	0.000	Berbeda nyata
		20%	-2.000	0.011	Berbeda nyata
3 jam	25%	20%	2.500	0.004	Berbeda nyata
		15%	4.250	0.000	Berbeda nyata
	20%	25%	-2.500	0.004	Berbeda nyata
		15%	1.750	0.031	Berbeda nyata
	15%	25%	-4.250	0.000	Berbeda nyata
		20%	-1.750	0.031	Berbeda nyata
4 jam	25%	20%	3.250	0.000	Berbeda nyata
		15%	5.250	0.000	Berbeda nyata
	20%	25%	-3.250	0.000	Berbeda nyata
		15%	2.000	0.009	Berbeda nyata
	15%	25%	-5.250	0.000	Berbeda nyata

		20%	-2.000	0.009	Berbeda nyata
5 jam	25%	20%	4.000	0.000	Berbeda nyata
		15%	5.500	0.000	Berbeda nyata
	20%	25%	-4.000	0.000	Berbeda nyata
		15%	1.500	0.073	Berbeda tidak nyata
	15%	25%	-5.500	0.000	Berbeda nyata
		20%	-1.500	0.073	Berbeda tidak nyata
6 jam	25%	20%	3.250	0.000	Berbeda nyata
		15%	5.500	0.000	Berbeda nyata
	20%	25%	-3.250	0.000	Berbeda nyata
		15%	2.250	0.002	Berbeda nyata
	15%	25%	-5.500	0.000	Berbeda nyata
		20%	-2.250	0.002	Berbeda nyata
24 jam	25%	20%	1.000	0.006	Berbeda nyata
		15%	2.500	0.000	Berbeda nyata
	20%	25%	-1.000	0.006	Berbeda nyata
		15%	1.500	0.000	Berbeda nyata
	15%	25%	-2.500	0.000	Berbeda nyata
		20%	-1.500	0.000	Berbeda nyata

Lampiran 5

One Way ANOVA

Descriptives

		N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
						Lower Bound	Upper Bound		
1 jam	25%	4	14.2500	.50000	.25000	13.4544	15.0456	14.00	15.00
	20%	4	11.2500	.50000	.25000	10.4544	12.0456	11.00	12.00
	15%	4	10.2500	.50000	.25000	9.4544	11.0456	10.00	11.00
	Total	12	11.9167	1.83196	.52884	10.7527	13.0806	10.00	15.00
2 jam	25%	4	16.5000	.57735	.28868	15.5813	17.4187	16.00	17.00
	20%	4	14.0000	.81650	.40825	12.7008	15.2992	13.00	15.00
	15%	4	12.0000	.81650	.40825	10.7008	13.2992	11.00	13.00
	Total	12	14.1667	2.03753	.58818	12.8721	15.4612	11.00	17.00
3 jam	25%	4	18.0000	.81650	.40825	16.7008	19.2992	17.00	19.00
	20%	4	15.5000	.57735	.28868	14.5813	16.4187	15.00	16.00
	15%	4	13.7500	.95743	.47871	12.2265	15.2735	13.00	15.00
	Total	12	15.7500	1.95982	.56575	14.5048	16.9952	13.00	19.00
4 jam	25%	4	20.2500	.95743	.47871	18.7265	21.7735	19.00	21.00
	20%	4	17.0000	.00000	.00000	17.0000	17.0000	17.00	17.00
	15%	4	15.0000	.81650	.40825	13.7008	16.2992	14.00	16.00
	Total	12	17.4167	2.35327	.67933	15.9215	18.9119	14.00	21.00
5 jam	25%	4	22.2500	.95743	.47871	20.7265	23.7735	21.00	23.00
	20%	4	18.2500	.95743	.47871	16.7265	19.7735	17.00	19.00
	15%	4	16.7500	.50000	.25000	15.9544	17.5456	16.00	17.00
	Total	12	19.0833	2.53909	.73297	17.4701	20.6966	16.00	23.00
6 jam	25%	4	23.5000	.57735	.28868	22.5813	24.4187	23.00	24.00
	20%	4	20.2500	.95743	.47871	18.7265	21.7735	19.00	21.00
	15%	4	18.0000	.00000	.00000	18.0000	18.0000	18.00	18.00
	Total	12	20.5833	2.42930	.70128	19.0398	22.1268	18.00	24.00
24 jam	25%	4	25.0000	.00000	.00000	25.0000	25.0000	25.00	25.00
	20%	4	24.0000	.00000	.00000	24.0000	24.0000	24.00	24.00
	15%	4	22.5000	.57735	.28868	21.5813	23.4187	22.00	23.00
	Total	12	23.8333	1.11464	.32177	23.1251	24.5415	22.00	25.00

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
1 jam	Between Groups	34.667	2	17.333	69.333	.000
	Within Groups	2.250	9	.250		
	Total	36.917	11			
2 jam	Between Groups	40.667	2	20.333	36.600	.000
	Within Groups	5.000	9	.556		
	Total	45.667	11			
3 jam	Between Groups	36.500	2	18.250	28.565	.000
	Within Groups	5.750	9	.639		
	Total	42.250	11			
4 jam	Between Groups	56.167	2	28.083	53.211	.000
	Within Groups	4.750	9	.528		
	Total	60.917	11			
5 jam	Between Groups	64.667	2	32.333	46.560	.000
	Within Groups	6.250	9	.694		
	Total	70.917	11			
6 jam	Between Groups	61.167	2	30.583	73.400	.000
	Within Groups	3.750	9	.417		
	Total	64.917	11			
24 jam	Between Groups	12.667	2	6.333	57.000	.000
	Within Groups	1.000	9	.111		
	Total	13.667	11			

Lampiran 6

Post Hoc Test

1 jam

Tukey HSD[a]

Perlakuan	N	Subset for alpha = .05		
		1	2	3
15%	4	10.2500		
20%	4		11.2500	
25%	4			14.2500
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 4.000.

2 jam

Tukey HSD[a]

Perlakuan	N	Subset for alpha = .05		
		1	2	3
15%	4	12.0000		
20%	4		14.0000	
25%	4			16.5000
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 4.000.

3 jam

Tukey HSD[a]

Perlakuan	N	Subset for alpha = .05		
		1	2	3
15%	4	13.7500		
20%	4		15.5000	
25%	4			18.0000
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 4.000.

Jam ke-3

Tukey HSD[a]

Konsentrasi	N	Subset for alpha = .05			
		1	2	3	4
15%	4	2.0000			
20%	4		3.5000		
25%	4			5.2500	
K+	4				6.7500
Sig.		1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 4.000.

4 jam

Tukey HSD[a]

Perlakuan	N	Subset for alpha = .05		
		1	2	3
15%	4	15.0000		
20%	4		17.0000	
25%	4			20.2500
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 4.000.

5 jam

Tukey HSD[a]

Perlakuan	N	Subset for alpha = .05	
		1	2
15%	4	16.7500	
20%	4	18.2500	
25%	4		22.2500
Sig.		.073	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 4.000.

6 jam

Tukey HSD[a]

Perlakuan	N	Subset for alpha = .05		
		1	2	3
15%	4	18.0000		
20%	4		20.2500	
25%	4			23.5000
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 4.000.

24 jam

Tukey HSD[a]

Perlakuan	N	Subset for alpha = .05		
		1	2	3
15%	4	22.5000		
20%	4		24.0000	
25%	4			25.0000
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 4.000.

Lampiran 7

Analisis Regresi

Regression

Descriptive Statistics

	Mean	Std. Deviation	N
Y	17.5357	4.29555	21
X1	6.4286	7.52709	21
X2	20.0000	4.18330	21

Correlations

		X1	X2	Y
X1	Pearson Correlation	1	.000	.738**
	Sig. (2-tailed)		1.000	.000
	N	21	21	21
X2	Pearson Correlation	.000	1	.438*
	Sig. (2-tailed)	1.000		.047
	N	21	21	21
Y	Pearson Correlation	.738**	.438*	1
	Sig. (2-tailed)	.000	.047	
	N	21	21	21

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

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

Variables Entered/Removed[b]

Model	Variables Entered	Variables Removed	Method
1	X2, X1[a]	.	Enter

a. All requested variables entered.

b. Dependent Variable: Y

ANOVA[b]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	271.609	2	135.805	25.091	.000[a]
	Residual	97.426	18	5.413		
	Total	369.036	20			

a. Predictors: (Constant), X2, X1

b. Dependent Variable: Y

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	5.830	2.577		2.262	.036
	X1	.421	.069	.738	6.090	.000
	X2	.450	.124	.438	3.619	.002

a. Dependent Variable: Y

Lampiran 8

Uji Korelasi *Pearson*

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.858[a]	.736	.707	2.32649

a. Predictors: (Constant), X2, X1

Korelasi waktu dan konsentrasi terhadap jumlah nyamuk yang mati

Korelasi	Jumlah nyamuk mati	P Value	Keterangan
Waktu	0.738	0,000	Signifikan
Konsentrasi	0.438	0,047	Signifikan

Lampiran 9

Uji F/Serempak

ANOVA[b]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	271.609	2	135.805	25.091	.000[a]
	Residual	97.426	18	5.413		
	Total	369.036	20			

a. Predictors: (Constant), X2, X1

b. Dependent Variable: Y

PERNYATAAN KEASLIAN TULISAN

Saya yang bertanda tangan dibawah ini:

Nama : Ambar Prastyowati

NIM : 115070100111050

Program Studi : Program Studi Kedokteran Umum

Fakultas Kedokteran Universitas Brawijaya,

menyatakan dengan sebenar-benarnya bahwa Tugas Akhir yang saya tulis ini benar-benar hasil karya saya sendiri, bukan merupakan pengambilalihan tulisan atau pikiran orang lain yang saya akui sebagai tulisan atau pikiran saya sendiri.

Apabila dikemudian hari terbukti atau dapat dibuktikan Tugas Akhir ini hasil jiplakan, saya bersedia menerima sanksi atas perbuatan tersebut.

Malang, 13 Januari 2015

Yang membuat pernyataan,

Ambar Prastyowati
NIM. 115070100111050