LAMPIRAN

Lampiran 1. Rata-rata Nyamuk Yang Jatuh (Knockdown (%))

Waktu (Menit)	K(-)	Konsentrasi 2.5%	Konsentrasi 5%	Konsentrasi 7.5%
0	0%	0%	0%	0%
5	0%	48.33%	71.67%	755
10	0%	56.67%	73.33%	83.33%
15	0%	61.67%	78.33%	90%
20	0%	66.67%	86.67%	93.33%
25	0%	71.67%	95%	100%
30	0%	78.33%	98.33%	100%
35	0%	90%	100%	100%
40	0%	95%	100%	100%
45	0%	98.33%	100%	100%
50	0%	100%	100%	100%
55	0%	100%	100%	100%
60	0%	100%	100%	100%

Lampiran 2. Uji Normalitas Pada Jumlah Nyamuk yang Jatuh

One-Sample Kolmogorov-Smirnov Test

		Unstandardized Residual
N		39
	[a,b] Mean	0E-7
	Std. Deviation	3.55472753
Most Extreme Differences	Absolute	.190
	Positive	.154
	Negative	-.190
Kolmogorov-Smirnov Z		1.189
Asymp. Sig. (2-tailed)		.118

a. Test distribution is Normal.

b. Calculated from data.

Lampiran 3. Uji Normalitas Pada Jumlah Nyamuk yang Jatuh

One-Sample Kolmogorov-Smirnov Test

		Unstandardized Residual
N		39
	[a,b] Mean	0E-7
	Std. Deviation	.17744247
Most Extreme Differences	Absolute	.188
	Positive	.153
	Negative	-.188
Kolmogorov-Smirnov Z		1.172
Asymp. Sig. (2-tailed)		.128

a. Test distribution is Normal.

b. Calculated from data.

Lampiran 3. Output Hasil Analisis Anova

Levene's Test of Equality of Error Variances[a]

Dependent Variable: Jumlah_nyamuk

F	df1	df2	Sig.
.	38	0	.

Tests the null hypothesis that the error variance of the dependent variable is equal across groups.

Design: Intercept + Perlakuan + Kelompok + Perlakuan * Kelompok

Tests of Between-Subjects Effects

Dependent Variable: Jumlah_nyamuk

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	[a]	14	81.489	43.727	.000
Intercept	10581.481	1	10581.481	5678.010	.000
Perlakuan	52.361	2	26.180	14.048	.000
Kelompok	1088.492	12	90.708	48.674	.000
Error	44.726	24	1.864		
Total	11767.060	39			
Corrected Total	1185.579	38			

R Squared = .962 (Adjusted R Squared = .940)

Lampiran 4. Post Hoc Tests

Multiple Comparisons

Dependent Variable: Jumlah_nyamuk

Tukey HSD

(I) Kelompok	(J) Kelompok	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
0menit	5menit	-13.0000*	1.11463	.000	-17.0815	-8.9185
	10menit	-14.2333*	1.11463	.000	-18.3148	-10.1518
	15menit	-15.3333*	1.11463	.000	-19.4148	-11.2518

	20menit	-16.4333*	1.11463	.000	-20.5148	-12.3518
	25menit	-17.7667*	1.11463	.000	-21.8482	-13.6852
	30menit	-18.4667*	1.11463	.000	-22.5482	-14.3852
	35menit	-19.3333*	1.11463	.000	-23.4148	-15.2518
	40menit	-19.6667*	1.11463	.000	-23.7482	-15.5852
	45menit	-19.9000*	1.11463	.000	-23.9815	-15.8185
	50menit	-20.0000*	1.11463	.000	-24.0815	-15.9185
	55menit	-20.0000*	1.11463	.000	-24.0815	-15.9185
	60menit	-20.0000*	1.11463	.000	-24.0815	-15.9185
	0menit	13.0000*	1.11463	.000	8.9185	17.0815
	10menit	-1.2333	1.11463	.994	-5.3148	2.8482
	15menit	-2.3333	1.11463	.667	-6.4148	1.7482
	20menit	-3.4333	1.11463	.162	-7.5148	.6482
	25menit	-4.7667*	1.11463	.013	-8.8482	-.6852
	30menit	-5.4667*	1.11463	.003	-9.5482	-1.3852
5menit	35menit	-6.3333*	1.11463	.000	-10.4148	-2.2518
	40menit	-6.6667*	1.11463	.000	-10.7482	-2.5852
	45menit	-6.9000*	1.11463	.000	-10.9815	-2.8185
	50menit	-7.0000*	1.11463	.000	-11.0815	-2.9185
	55menit	-7.0000*	1.11463	.000	-11.0815	-2.9185
	60menit	-7.0000*	1.11463	.000	-11.0815	-2.9185
	0menit	14.2333*	1.11463	.000	10.1518	18.3148
	5menit	1.2333	1.11463	.994	-2.8482	5.3148
10menit	15menit	-1.1000	1.11463	.998	-5.1815	2.9815
	20menit	-2.2000	1.11463	.739	-6.2815	1.8815

	25menit	-3.5333	1.11463	.136	-7.6148	.5482
	30menit	-4.2333*	1.11463	.037	-8.3148	-.1518
	35menit	-5.1000*	1.11463	.006	-9.1815	-1.0185
	40menit	-5.4333*	1.11463	.003	-9.5148	-1.3518
	45Menit	-5.6667*	1.11463	.002	-9.7482	-1.5852
	50menit	-5.7667*	1.11463	.001	-9.8482	-1.6852
	55menit	-5.7667*	1.11463	.001	-9.8482	-1.6852
	60menit	-5.7667*	1.11463	.001	-9.8482	-1.6852
	0menit	15.3333*	1.11463	.000	11.2518	19.4148
	5menit	2.3333	1.11463	.667	-1.7482	6.4148
	10menit	1.1000	1.11463	.998	-2.9815	5.1815
	20menit	-1.1000	1.11463	.998	-5.1815	2.9815
	25menit	-2.4333	1.11463	.611	-6.5148	1.6482
	30menit	-3.1333	1.11463	.259	-7.2148	.9482
15menit	35menit	-4.0000	1.11463	.058	-8.0815	.0815
	40menit	-4.3333*	1.11463	.030	-8.4148	-.2518
	45menit	-4.5667*	1.11463	.019	-8.6482	-.4852
	50menit	-4.6667*	1.11463	.015	-8.7482	-.5852
	55menit	-4.6667*	1.11463	.015	-8.7482	-.5852
	60_menit	-4.6667*	1.11463	.015	-8.7482	-.5852
	0menit	16.4333*	1.11463	.000	12.3518	20.5148
	5menit	3.4333	1.11463	.162	-.6482	7.5148
	10menit	2.2000	1.11463	.739	-1.8815	6.2815
20menit	15menit	1.1000	1.11463	.998	-2.9815	5.1815
	25menit	-1.3333	1.11463	.989	-5.4148	2.7482
	30menit	-2.0333	1.11463	.820	-6.1148	2.0482

	35menit	-2.9000	1.11463	.360	-6.9815	1.1815
	40menit	-3.2333	1.11463	.223	-7.3148	.8482
	45menit	-3.4667	1.11463	.153	-7.5482	.6148
	50menit	-3.5667	1.11463	.129	-7.6482	.5148
	55menit	-3.5667	1.11463	.129	-7.6482	.5148
	60menit	-3.5667	1.11463	.129	-7.6482	.5148
	0menit	17.7667*	1.11463	.000	13.6852	21.8482
	5menit	4.7667*	1.11463	.013	.6852	8.8482
	10menit	3.5333	1.11463	.136	-.5482	7.6148
	15menit	2.4333	1.11463	.611	-1.6482	6.5148
	20menit	1.3333	1.11463	.989	-2.7482	5.4148
	30menit	-.7000	1.11463	1.000	-4.7815	3.3815
25menit	35menit	-1.5667	1.11463	.963	-5.6482	2.5148
	40menit	-1.9000	1.11463	.874	-5.9815	2.1815
	45menit	-2.1333	1.11463	.773	-6.2148	1.9482
	50menit	-2.2333	1.11463	.721	-6.3148	1.8482
	55menit	-2.2333	1.11463	.721	-6.3148	1.8482
	60menit	-2.2333	1.11463	.721	-6.3148	1.8482
	0menit	18.4667*	1.11463	.000	14.3852	22.5482
	5menit	5.4667*	1.11463	.003	1.3852	9.5482
	10menit	4.2333*	1.11463	.037	.1518	8.3148
	15menit	3.1333	1.11463	.259	-.9482	7.2148
30menit	20menit	2.0333	1.11463	.820	-2.0482	6.1148
	25menit	.7000	1.11463	1.000	-3.3815	4.7815
	35menit	-.8667	1.11463	1.000	-4.9482	3.2148
	40menit	-1.2000	1.11463	.996	-5.2815	2.8815

	45menit	-1.4333	1.11463	.981	-5.5148	2.6482
	50menit	-1.5333	1.11463	.968	-5.6148	2.5482
	55menit	-1.5333	1.11463	.968	-5.6148	2.5482
	60menit	-1.5333	1.11463	.968	-5.6148	2.5482
	0menit	19.3333*	1.11463	.000	15.2518	23.4148
	5menit	6.3333*	1.11463	.000	2.2518	10.4148
	10menit	5.1000*	1.11463	.006	1.0185	9.1815
	15menit	4.0000	1.11463	.058	-.0815	8.0815
	20menit	2.9000	1.11463	.360	-1.1815	6.9815
	25menit	1.5667	1.11463	.963	-2.5148	5.6482
35menit	30menit	.8667	1.11463	1.000	-3.2148	4.9482
	40menit	-.3333	1.11463	1.000	-4.4148	3.7482
	45enit	-.5667	1.11463	1.000	-4.6482	3.5148
	50menit	-.6667	1.11463	1.000	-4.7482	3.4148
	55menit	-.6667	1.11463	1.000	-4.7482	3.4148
	60menit	-.6667	1.11463	1.000	-4.7482	3.4148
	0menit	19.6667*	1.11463	.000	15.5852	23.7482
	5menit	6.6667*	1.11463	.000	2.5852	10.7482
	10menit	5.4333*	1.11463	.003	1.3518	9.5148
	15menit	4.3333*	1.11463	.030	.2518	8.4148
	20menit	3.2333	1.11463	.223	-.8482	7.3148
40menit	25menit	1.9000	1.11463	.874	-2.1815	5.9815
	30menit	1.2000	1.11463	.996	-2.8815	5.2815
	35menit	.3333	1.11463	1.000	-3.7482	4.4148
	45menit	-.2333	1.11463	1.000	-4.3148	3.8482
	50menit	-.3333	1.11463	1.000	-4.4148	3.7482

	55menit	-.3333	1.11463	1.000	-4.4148	3.7482
	60menit	-.3333	1.11463	1.000	-4.4148	3.7482
	0menit	19.9000*	1.11463	.000	15.8185	23.9815
	5menit	6.9000*	1.11463	.000	2.8185	10.9815
	10menit	5.6667*	1.11463	.002	1.5852	9.7482
	15menit	4.5667*	1.11463	.019	.4852	8.6482
	20menit	3.4667	1.11463	.153	-.6148	7.5482
	25menit	2.1333	1.11463	.773	-1.9482	6.2148
45menit	30menit	1.4333	1.11463	.981	-2.6482	5.5148
	35menit	.5667	1.11463	1.000	-3.5148	4.6482
	40menit	.2333	1.11463	1.000	-3.8482	4.3148
	50_menit	-.1000	1.11463	1.000	-4.1815	3.9815
	55_menit	-.1000	1.11463	1.000	-4.1815	3.9815
	60_menit	-.1000	1.11463	1.000	-4.1815	3.9815
	0menit	20.0000*	1.11463	.000	15.9185	24.0815
	5menit	7.0000*	1.11463	.000	2.9185	11.0815
	10menit	5.7667*	1.11463	.001	1.6852	9.8482
	15menit	4.6667*	1.11463	.015	.5852	8.7482
	20menit	3.5667	1.11463	.129	-.5148	7.6482
	25menit	2.2333	1.11463	.721	-1.8482	6.3148
50menit	30menit	1.5333	1.11463	.968	-2.5482	5.6148
	35menit	.6667	1.11463	1.000	-3.4148	4.7482
	40menit	.3333	1.11463	1.000	-3.7482	4.4148
	45menit	.1000	1.11463	1.000	-3.9815	4.1815
	55menit	.0000	1.11463	1.000	-4.0815	4.0815
	60menit	.0000	1.11463	1.000	-4.0815	4.0815

55menit	0menit	20.0000*	1.11463	.000	15.9185	24.0815
	5menit	7.0000*	1.11463	.000	2.9185	11.0815
	10menit	5.7667*	1.11463	.001	1.6852	9.8482
	15menit	4.6667*	1.11463	.015	.5852	8.7482
	20menit	3.5667	1.11463	.129	-.5148	7.6482
	25menit	2.2333	1.11463	.721	-1.8482	6.3148
	30menit	1.5333	1.11463	.968	-2.5482	5.6148
	35menit	.6667	1.11463	1.000	-3.4148	4.7482
	40menit	.3333	1.11463	1.000	-3.7482	4.4148
	45menit	.1000	1.11463	1.000	-3.9815	4.1815
	50menit	.0000	1.11463	1.000	-4.0815	4.0815
	60menit	.0000	1.11463	1.000	-4.0815	4.0815
60menit	0menit	20.0000*	1.11463	.000	15.9185	24.0815
	5menit	7.0000*	1.11463	.000	2.9185	11.0815
	10menit	5.7667*	1.11463	.001	1.6852	9.8482
	15menit	4.6667*	1.11463	.015	.5852	8.7482
	20menit	3.5667	1.11463	.129	-.5148	7.6482
	25menit	2.2333	1.11463	.721	-1.8482	6.3148
	30menit	1.5333	1.11463	.968	-2.5482	5.6148
	35menit	.6667	1.11463	1.000	-3.4148	4.7482
	40menit	.3333	1.11463	1.000	-3.7482	4.4148
	45menit	.1000	1.11463	1.000	-3.9815	4.1815
	50menit	.0000	1.11463	1.000	-4.0815	4.0815
	55menit	.0000	1.11463	1.000	-4.0815	4.0815

Based on observed means.

The error term is Mean Square(Error) = 1.864.

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

Jumlah_nyamuk

Tukey HSD

Kelompok	N	Subset				
		1	2	3	4	5
0menit	3	.0000				
5menit	3		13.0000			
10menit	3		14.2333	14.2333		
15menit	3		15.3333	15.3333	15.3333	
20menit	3		16.4333	16.4333	16.4333	16.4333
25menit	3			17.7667	17.7667	17.7667
30menit	3				18.4667	18.4667
35menit	3				19.3333	19.3333
40menit	3					19.6667
45menit	3					19.9000
50menit	3					20.0000
55menit	3					20.0000
60menit	3					20.0000
Sig.		1.000	.162	.136	.058	.129

Means for groups in homogeneous subsets are displayed.

Based on observed means.

The error term is Mean Square(Error) = 1.864.

a. Uses Harmonic Mean Sample Size = 3.000.

b. Alpha = .05.

Multiple Comparisons

Dependent Variable: Jumlah_nyamuk

Tukey HSD

(I) Perlakuan	(J) Perlakuan	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
Kosentrasi_2,5%	Kosentrasi_5%	-2.1077*	.53545	.002	-3.4449	-.7705
	Kosentrasi_7,5%	-2.7000*	.53545	.000	-4.0372	-1.3628
Kosentrasi_5%	Kosentrasi_2,5%	2.1077*	.53545	.002	.7705	3.4449
	Kosentrasi_7,5%	-.5923	.53545	.520	-1.9295	.7449
Kosentrasi_7,5%	Kosentrasi_2,5%	2.7000*	.53545	.000	1.3628	4.0372
	Kosentrasi_5%	.5923	.53545	.520	-.7449	1.9295

Based on observed means.

The error term is Mean Square(Error) = 1.864.

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

Jumlah_nyamuk

Tukey HSD

Perlakuan	N	Subset	
		1	2
Kosentrasi_2,5 %	13	14.8692	
Kosentrasi_5%	13		16.9769
Kosentrasi_7,5 %	13		17.5692
Sig.		1.000	.520

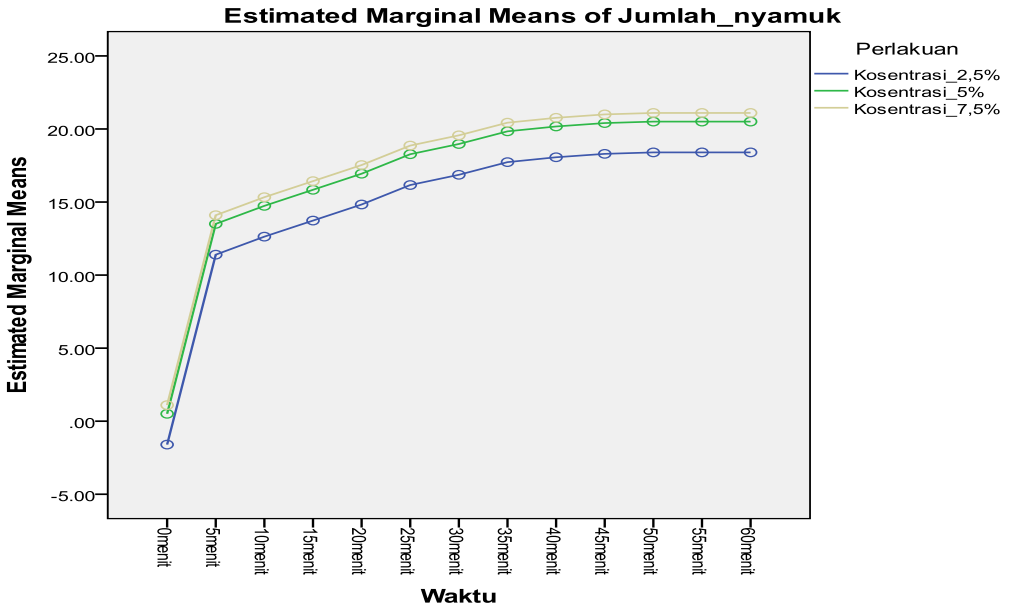
Means for groups in homogeneous subsets are displayed.

Based on observed means.

The error term is Mean Square(Error) = 1.864.

a. Uses Harmonic Mean Sample Size = 13.000.

b. Alpha = .05.



Lampiran 5. Korelasi Dan regresi

Correlations

		Waktu	Respon(2,5%
Waktu	Pearson Correlation	1	.902**
	Sig. (2-tailed)		.000
	N	13	13
Respon(2,5%)	Pearson Correlation	.902**	1
	Sig. (2-tailed)	.000	
	N	13	13

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

Correlations

		waktu	Respon(5%)
waktu	Pearson Correlation	1	.730**
	Sig. (2-tailed)		.005
	N	13	13
Respon(5%)	Pearson Correlation	.730**	1
	Sig. (2-tailed)	.005	
	N	13	13

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

Correlations

		Waktu	Respon(7,5%)
Waktu	Pearson Correlation	1	.650*
	Sig. (2-tailed)		.016
	N	13	13
Respon(7,5%)	Pearson Correlation	.650*	1
	Sig. (2-tailed)	.016	
	N	13	13

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

Model Summary[b]

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.772[a]	.595	.573	.18230

a. Predictors: (Constant), Kelompok, Perlakuan

b. Dependent Variable: Presentase_Nyamuk

ANOVA[a]

Model		Sum of Squares	Df	Mean Square	F	Sig.
1	Regression	1.760	2	.880	26.484	.000[b]
	Residual	1.196	36	.033		
	Total	2.957	38			

a. Dependent Variable: Presentase_Nyamuk

b. Predictors: (Constant), Kelompok, Perlakuan

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	.305	.095		3.228	.003
	Perlakuan	.067	.036	.198	1.872	.069
	Kelompok	.055	.008	.746	7.033	.000

a. Dependent Variable: Presentase_Nyamuk

PERNYATAAN KEASLIAN TULISAN

Saya yang bertanda tangan di bawah ini:

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NIM : 115070107111078

Program Studi : Program Studi Pendidikan Dokter

Fakultas Kedokteran Universitas Brawijaya,

menyatakan dengan sebenar-benarnya bahwa Tugas Akhir yang saya tulis ini adalah hasil karya saya sendiri, bukan merupakan pengambilalihan tulisan atau pikiran orang lain yang saya akui sebagai tulisan atau pikiran saya sendiri. Apabila di kemudian hari dapat dibuktikan bahwa Tugas Akhir ini adalah hasil jiplakan, maka saya bersedia menerima sanksi atas perbuatan tersebut.

Malang, 09 desember 2014

Yang membuat pernyataan,

Maria Natalia Putri

NIM. 115070107111078