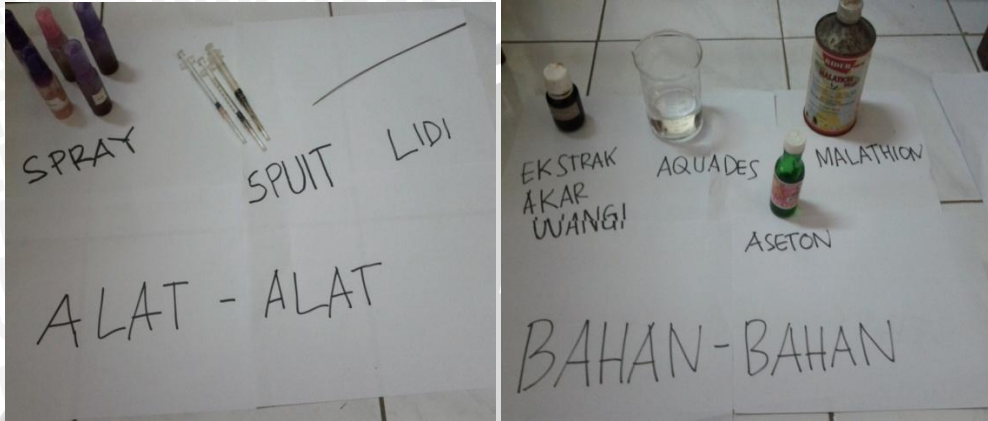


Lampiran1 :Gambar-gambar Penelitian



Keterangan :Alat dan Bahan instrument penelitian

Ekstrak akar wangi dengan konsentrasi 20%, 30%, dan 40%



Keterangan: Kandang Penelitian

Keterangan: Proses Penelitian

Lampiran 2. Hasil Data Penelitian jumlah Nyamuk *Aedes sp.* Mati pada beberapa kosentrasi dan interval waktu

Tabel Jumlah Nyamuk *Aedes sp.* yang mati pada penggulangan 1

Perlakuan	Aquadest	Malathion	20%	30%	40%
30Menit	-	5	-	2	3
1jam	-	9	-	5	7
1,5jam	-	11	1	6	9
2jam	-	13	2	7	10
2,5jam	-	15	4	8	12
3jam	-	17	8	10	15
24jam	5	25	22	23	25

Tabel Jumlah Nyamuk *Aedes sp.* yang mati pada penggulangan 2

Perlakuan	Aquadest	Malathion	20%	30%	40%
30Menit	-	4	-	2	3
1jam	-	8	1	6	8
1,5jam	-	12	3	7	9
2jam	-	14	4	9	11
2,5jam	-	16	6	11	14
3jam	-	18	9	12	15
24jam	6	25	21	23	25

Tabel Jumlah Nyamuk *Aedes sp* yang mati pada pengulangan 3

Perlakuan	Aquadest	Malathion	20%	30%	40%
30Menit	-	5	-	2	3
1jam	-	8	2	5	7
1,5jam	-	11	4	8	8
2jam	-	13	6	10	12
2,5jam	-	15	8	12	15
3jam	-	19	10	14	17
24jam	6	25	22	23	25

Tabel Jumlah Nyamuk *Aedes sp.* yang mati pada pengulangan 4

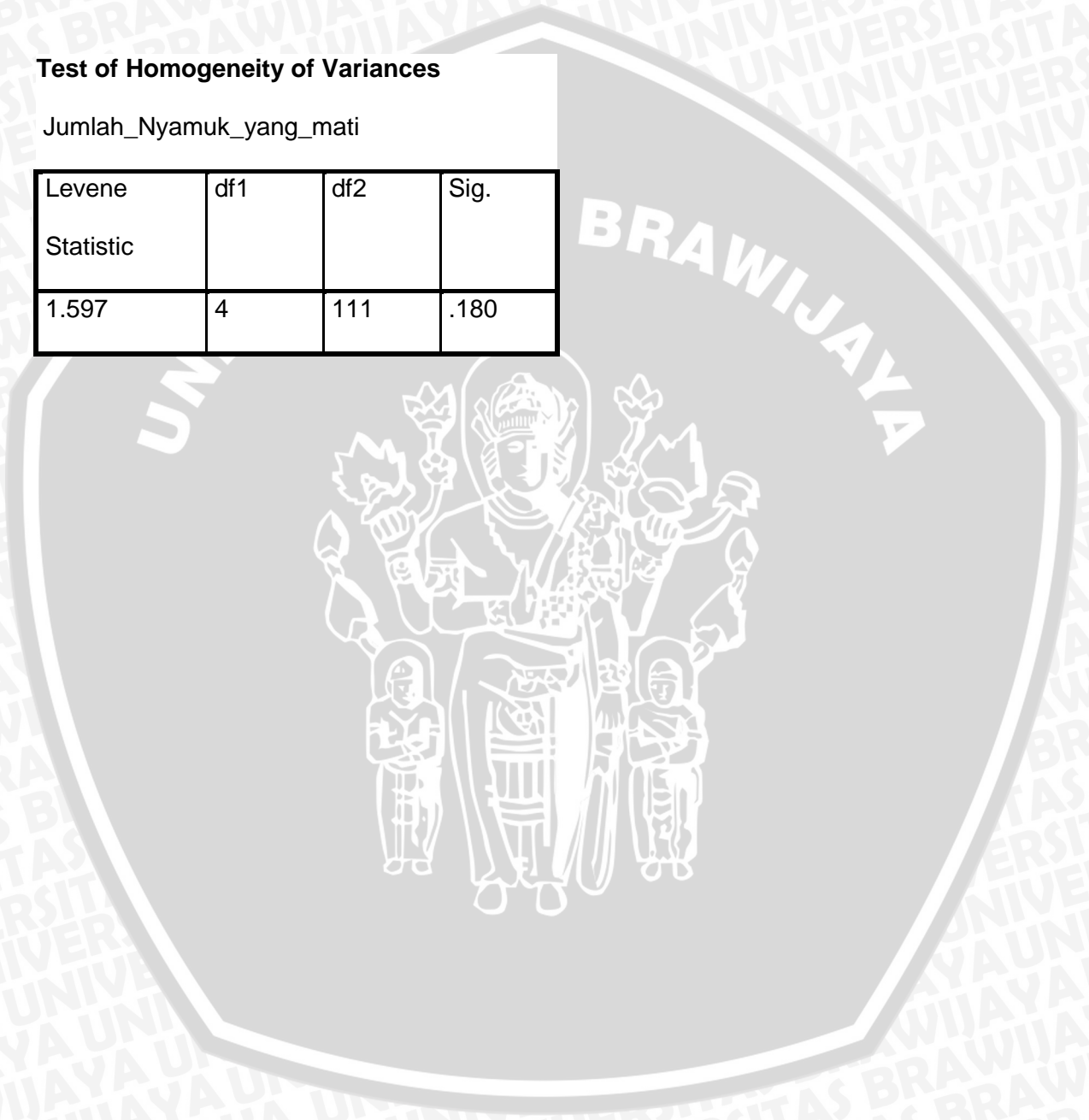
Perlakuan	Aquadest	Malathion	20%	30%	40%
30Menit	-	4	-	1	3
1jam	-	7	2	4	6
1,5jam	-	12	5	7	8
2jam	-	16	7	12	14
2,5jam	-	19	11	15	18
3jam	-	20	12	16	19
24jam	6	25	21	23	25

Lampiran 3. Uji Homogenitas Levene's

Test of Homogeneity of Variances

Jumlah_Nyamuk_yang_mati

Levene	df1	df2	Sig.
Statistic			
1.597	4	111	.180



Lampiran 4. Uji Normalitas

One-Sample Kolmogorov-Smirnov Test

		Jumlah_Nya muk_yang_ mati
N		116
Normal Parameters ^{a,b}	Mean	10.6379
	Std. Deviation	7.14739
Most Extreme Differences	Absolute Positive	.118
	Absolute Negative	-.068
	Kolmogorov-Smirnov Z	1.272
Asymp. Sig. (2-tailed)		.079

a. Test distribution is Normal.

b. Calculated from data.



Lampiran 5. Anova Analisis Ragam

ANOVA						
		Sum of Squares	Df	Mean Square	F	Sig.
Menit_30	Between Groups	60.800	4	15.200	130.286	.000
	Within Groups	1.750	15	.117		
	Total	62.550	19			
Jam_1	Between Groups	197.000	4	49.250	84.429	.000
	Within Groups	8.750	15	.583		
	Total	205.750	19			
Jam_1.5	Between Groups	324.200	4	81.050	95.353	.000
	Within Groups	12.750	15	.850		
	Total	336.950	19			
Jam_2	Between Groups	507.500	4	126.875	44.779	.000
	Within Groups	42.500	15	2.833		
	Total	550.000	19			
Jam_2.5	Between Groups	685.700	4	171.425	31.648	.000
	Within Groups	81.250	15	5.417		
	Total	766.950	19			
Jam_3	Between Groups	846.200	4	211.550	70.911	.000
	Within Groups	44.750	15	2.983		
	Total	890.950	19			
Jam_24	Between Groups	1057.200	4	264.300	2265.429	.000
	Within Groups	1.750	15	.117		
	Total	1058.950	19			



Keterangan

Jika karena signifikansi lebih dari alfa (5%) maka perlakuan tidak berpengaruh terhadap respon yang diamati dan jika signifikansi kurang dari alfa (0.05) maka perlakuan berpengaruh terhadap respon yang diamati dan bisa dilakukan uji lanjutan.

UNIVERSITAS BRAWIJAYA



Lampiran 6. One Way Anova Kosentrasi

Descriptives									
		N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Min	Max
						Lower Bound	Upper Bound		
						Menit_30	Aquadest		
Malathion	4	4.5000	.57735	.28868	3.5813		5.4187	4.00	5.00
20%	4	.0000	.00000	.00000	.0000		.0000	.00	.00
30%	4	1.7500	.50000	.25000	.9544		2.5456	1.00	2.00
40%	4	3.0000	.00000	.00000	3.0000		3.0000	3.00	3.00
Total	20	1.8500	1.81442	.40572	1.0008		2.6992	.00	5.00
Jam_1	Aquadest	4	.0000	.00000	.00000	.0000	.0000	.00	.00
	Malathion	4	8.0000	.81650	.40825	6.7008	9.2992	7.00	9.00
	20%	4	1.2500	.95743	.47871	-.2735	2.7735	.00	2.00
	30%	4	5.0000	.81650	.40825	3.7008	6.2992	4.00	6.00

	40%	4	7.0000	.81650	.40825	5.7008	8.2992	6.00	8.00
	Total	20	4.2500	3.29074	.73583	2.7099	5.7901	.00	9.00
Jam_1.5	Aquadest	4	.0000	.00000	.00000	.0000	.0000	.00	.00
	Malathion	40	11.500	.57735	.28868	10.5813	12.4187	11.00	12.00
	20%	4	3.2500	1.70783	.85391	.5325	5.9675	1.00	5.00
	30%	4	7.0000	.81650	.40825	5.7008	8.2992	6.00	8.00
	40%	4	8.5000	.57735	.28868	7.5813	9.4187	8.00	9.00
	Total	20	6.0500	4.21120	.94165	4.0791	8.0209	.00	12.00
Jam_2	Aquadest	4	.0000	.00000	.00000	.0000	.0000	.00	.00
	Malathion	40	14.000	1.41421	.70711	11.7497	16.2503	13.00	16.00
	20%	4	4.7500	2.21736	1.10868	1.2217	8.2783	2.00	7.00
	30%	4	9.5000	2.08167	1.04083	6.1876	12.8124	7.00	12.00
	40%	40	11.750	1.70783	.85391	9.0325	14.4675	10.00	14.00
	Total	20	8.0000	5.38028	1.20307	5.4820	10.5180	.00	16.00

Jam_2.5	Aquadest	4	.0000	.00000	.00000	.0000	.0000	.00	.00
	Malathion	4	16.2500	1.89297	.94648	13.2379	19.2621	15.00	19.00
	20%	4	7.2500	2.98608	1.49304	2.4985	12.0015	4.00	11.00
	30%	4	11.5000	2.88675	1.44338	6.9065	16.0935	8.00	15.00
	40%	4	14.7500	2.50000	1.25000	10.7719	18.7281	12.00	18.00
	Total	20	9.9500	6.35341	1.42067	6.9765	12.9235	.00	19.00
Jam_3	Aquadest	4	.0000	.00000	.00000	.0000	.0000	.00	.00
	Malathion	4	18.5000	1.29099	.64550	16.4457	20.5543	17.00	20.00
	20%	4	9.7500	1.70783	.85391	7.0325	12.4675	8.00	12.00
	30%	4	13.0000	2.58199	1.29099	8.8915	17.1085	10.00	16.00
	40%	4	16.5000	1.91485	.95743	13.4530	19.5470	15.00	19.00
	Total	200	11.5500	6.84778	1.53121	8.3451	14.7549	.00	20.00
Jam_24	Aquadest	4	5.7500	.50000	.25000	4.9544	6.5456	5.00	6.00
	Malathion	4	25.0000	.00000	.00000	25.0000	25.0000	25.00	25.00

20%	4	21.500 0	.57735	.2886 8	20.5813	22.4187	21.00	22.00
30%	4	23.000 0	.00000	.0000 0	23.0000	23.0000	23.00	23.00
40%	4	25.000 0	.00000	.0000 0	25.0000	25.0000	25.00	25.00
Total	2 0	20.050 0	7.46553	1.669 34	16.5560	23.5440	5.00	25.00



**Lampiran 7. Post Hoc Test
Homogeneous Subsets**

Menit_30

Tukey HSD

Perlakuan	N	Subset for alpha = 0.05			
		1	2	3	4
Aquadest	4	.0000			
20%	4	.0000			
30%	4		1.7500		
40%	4			3.0000	
Malathion	4				4.5000
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.

Jam_1

Tukey HSD

Perlakuan	N	Subset for alpha = 0.05		
		1	2	3
Aquadest	4	.0000		
20%	4	1.2500		
30%	4		5.0000	
40%	4			7.0000
Malathion	4			8.0000
Sig.		.194	1.000	.382

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 4.000.

Jam_1.5

Tukey HSD

Perlakuan	N	Subset for alpha = 0.05			
		1	2	3	4
Aquadest	4	.0000			
20%	4		3.2500		
30%	4			7.0000	
40%	4			8.5000	
Malathion	4				11.5000
Sig.		1.000	1.000	.198	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 4.000.

Jam_2

Tukey HSD

Perlakuan	N	Subset for alpha = 0.05			
		1	2	3	4
aquadest	4	.0000			
20%	4		4.7500		
30%	4			9.5000	
40%	4			11.7500	11.7500
malathion	4				14.0000
Sig.		1.000	1.000	.363	.363

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 4.000.

Jam_2.5

Tukey HSD

Perlakuan	N	Subset for alpha = 0.05		
		1	2	3
Aquadest	4	.0000		
20%	4		7.2500	
30%	4		11.5000	11.5000
40%	4			14.7500
Malathion	4			16.2500
Sig.		1.000	.124	.072

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 4.000.

Jam_3

Tukey HSD

Perlakuan	N	Subset for alpha = 0.05			
		1	2	3	4
Aquadest	4	.0000			
20%	4		9.7500		
30%	4		13.0000	13.0000	
40%	4			16.5000	16.5000
Malathion	4				18.5000
Sig.		1.000	.108	.075	.498

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 4.000.

Jam_24

Tukey HSD

Perlakuan	N	Subset for alpha = 0.05			
		1	2	3	4
Aquadest	4	5.7500			
20%	4		21.5000		
30%	4			23.0000	
Malathion	4				25.0000
40%	4				25.0000
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.

