

LAMPIRAN

Lampiran 1. Statistika Deskriptif

Descriptives

Rerata dan standar deviasi Jumlah lalat dan nyamuk yang mati

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval		Minimum	Maximum
					for Mean			
					Lower Bound	Upper Bound		
L1	5	1.4000	.89443	.40000	.2894	2.5106	1.00	3.00
L2	5	2.6000	1.14018	.50990	1.1843	4.0157	1.00	4.00
L3	5	3.8000	.44721	.20000	3.2447	4.3553	3.00	4.00
L4	5	4.8000	.44721	.20000	4.2447	5.3553	4.00	5.00
L5	5	5.6000	.89443	.40000	4.4894	6.7106	5.00	7.00
N1	5	7.6000	.89443	.40000	6.4894	8.7106	7.00	9.00
N2	5	10.8000	1.30384	.58310	9.1811	12.4189	9.00	12.00
N3	5	13.2000	2.04939	.91652	10.6553	15.7447	10.00	15.00
N4	5	15.0000	1.22474	.54772	13.4793	16.5207	13.00	16.00
N5	5	17.4000	1.34164	.60000	15.7341	19.0659	16.00	19.00
Total	50	8.2200	5.42966	.76787	6.6769	9.7631	1.00	19.00



Asumsi Normalitas

One-Sample Kolmogorov-Smirnov Test

		jumlah_lalat_nyamuk_mati
N		50
Normal Parameters ^{a,b}	Mean	8.2200
	Std. Deviation	5.42966
Most Extreme Differences	Absolute	.183
	Positive	.183
	Negative	-.114
Test Statistic		.183
Asymp. Sig. (2-tailed)		.000 ^c

- a. Test distribution is Normal.
 b. Calculated from data.
 c. Lilliefors Significance Correction.

Asumsi Homogenitas

Test of Homogeneity of Variances

jumlah_lalat_nyamuk_mati			
Levene Statistic	df1	df2	Sig.
1.510	9	40	.178

Kruskal Wallis

Test Statistics^{a,b}

jumlah_lalat_nyamuk_mati	
Chi-Square	47.499
df	9
Asymp. Sig.	.000

- a. Kruskal Wallis Test
 b. Grouping Variable: kelompok

Multiple Comparisons

Dependent Variable: Potensi ekstrak kayu manis terhadap lalat dan nyamuk

Bonferroni

(I) kelompok	(J) kelompok	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
L1	L2	-1.20000	.72938	1.000	-3.7633	1.3633
	L3	-2.40000	.72938	.094	-4.9633	.1633
	L4	-3.40000 [*]	.72938	.002	-5.9633	-.8367
	L5	-4.20000 [*]	.72938	.000	-6.7633	-1.6367
	N1	-6.20000 [*]	.72938	.000	-8.7633	-3.6367
	N2	-9.40000 [*]	.72938	.000	-11.9633	-6.8367
	N3	-11.80000 [*]	.72938	.000	-14.3633	-9.2367
	N4	-13.60000 [*]	.72938	.000	-16.1633	-11.0367
	N5	-16.00000 [*]	.72938	.000	-18.5633	-13.4367
L2	L1	1.20000	.72938	1.000	-1.3633	3.7633
	L3	-1.20000	.72938	1.000	-3.7633	1.3633
	L4	-2.20000	.72938	.199	-4.7633	.3633
	L5	-3.00000 [*]	.72938	.008	-5.5633	-.4367
	N1	-5.00000 [*]	.72938	.000	-7.5633	-2.4367
	N2	-8.20000 [*]	.72938	.000	-10.7633	-5.6367
	N3	-10.60000 [*]	.72938	.000	-13.1633	-8.0367
	N4	-12.40000 [*]	.72938	.000	-14.9633	-9.8367
	N5	-14.80000 [*]	.72938	.000	-17.3633	-12.2367
L3	L1	2.40000	.72938	.094	-.1633	4.9633
	L2	1.20000	.72938	1.000	-1.3633	3.7633
	L4	-1.00000	.72938	1.000	-3.5633	1.5633
	L5	-1.80000	.72938	.809	-4.3633	.7633
	N1	-3.80000 [*]	.72938	.000	-6.3633	-1.2367
	N2	-7.00000 [*]	.72938	.000	-9.5633	-4.4367
	N3	-9.40000 [*]	.72938	.000	-11.9633	-6.8367
	N4	-11.20000 [*]	.72938	.000	-13.7633	-8.6367
	N5	-13.60000 [*]	.72938	.000	-16.1633	-11.0367
L4	L1	3.40000 [*]	.72938	.002	.8367	5.9633
	L2	2.20000	.72938	.199	-.3633	4.7633
	L3	1.00000	.72938	1.000	-1.5633	3.5633
	L5	-.80000	.72938	1.000	-3.3633	1.7633
	N1	-2.80000 [*]	.72938	.019	-5.3633	-.2367



	N2	-6.00000 ⁺	.72938	.000	-8.5633	-3.4367
	N3	-8.40000 ⁺	.72938	.000	-10.9633	-5.8367
	N4	-10.20000 ⁺	.72938	.000	-12.7633	-7.6367
	N5	-12.60000 ⁺	.72938	.000	-15.1633	-10.0367
	L1	4.20000 ⁺	.72938	.000	1.6367	6.7633
	L2	3.00000 ⁺	.72938	.008	.4367	5.5633
	L3	1.80000	.72938	.809	-.7633	4.3633
	L4	.80000	.72938	1.000	-1.7633	3.3633
L5	N1	-2.00000	.72938	.409	-4.5633	.5633
	N2	-5.20000 ⁺	.72938	.000	-7.7633	-2.6367
	N3	-7.60000 ⁺	.72938	.000	-10.1633	-5.0367
	N4	-9.40000 ⁺	.72938	.000	-11.9633	-6.8367
	N5	-11.80000 ⁺	.72938	.000	-14.3633	-9.2367
	L1	6.20000 ⁺	.72938	.000	3.6367	8.7633
	L2	5.00000 ⁺	.72938	.000	2.4367	7.5633
	L3	3.80000 ⁺	.72938	.000	1.2367	6.3633
	L4	2.80000 ⁺	.72938	.019	.2367	5.3633
N1	L5	2.00000	.72938	.409	-.5633	4.5633
	N2	-3.20000 ⁺	.72938	.004	-5.7633	-.6367
	N3	-5.60000 ⁺	.72938	.000	-8.1633	-3.0367
	N4	-7.40000 ⁺	.72938	.000	-9.9633	-4.8367
	N5	-9.80000 ⁺	.72938	.000	-12.3633	-7.2367
	L1	9.40000 ⁺	.72938	.000	6.8367	11.9633
	L2	8.20000 ⁺	.72938	.000	5.6367	10.7633
	L3	7.00000 ⁺	.72938	.000	4.4367	9.5633
	L4	6.00000 ⁺	.72938	.000	3.4367	8.5633
N2	L5	5.20000 ⁺	.72938	.000	2.6367	7.7633
	N1	3.20000 ⁺	.72938	.004	.6367	5.7633
	N3	-2.40000	.72938	.094	-4.9633	.1633
	N4	-4.20000 ⁺	.72938	.000	-6.7633	-1.6367
	N5	-6.60000 ⁺	.72938	.000	-9.1633	-4.0367
N3	L1	11.80000 ⁺	.72938	.000	9.2367	14.3633
	L2	10.60000 ⁺	.72938	.000	8.0367	13.1633
	L3	9.40000 ⁺	.72938	.000	6.8367	11.9633
	L4	8.40000 ⁺	.72938	.000	5.8367	10.9633
	L5	7.60000 ⁺	.72938	.000	5.0367	10.1633
	N1	5.60000 ⁺	.72938	.000	3.0367	8.1633
	N2	2.40000	.72938	.094	-.1633	4.9633
	N4	-1.80000	.72938	.809	-4.3633	.7633
	N5	-4.20000 ⁺	.72938	.000	-6.7633	-1.6367

N4	L1	13.60000*	.72938	.000	11.0367	16.1633
	L2	12.40000*	.72938	.000	9.8367	14.9633
	L3	11.20000*	.72938	.000	8.6367	13.7633
	L4	10.20000*	.72938	.000	7.6367	12.7633
	L5	9.40000*	.72938	.000	6.8367	11.9633
	N1	7.40000*	.72938	.000	4.8367	9.9633
	N2	4.20000*	.72938	.000	1.6367	6.7633
	N3	1.80000	.72938	.809	-.7633	4.3633
	N5	-2.40000	.72938	.094	-4.9633	.1633
N5	L1	16.00000*	.72938	.000	13.4367	18.5633
	L2	14.80000*	.72938	.000	12.2367	17.3633
	L3	13.60000*	.72938	.000	11.0367	16.1633
	L4	12.60000*	.72938	.000	10.0367	15.1633
	L5	11.80000*	.72938	.000	9.2367	14.3633
	N1	9.80000*	.72938	.000	7.2367	12.3633
	N2	6.60000*	.72938	.000	4.0367	9.1633
	N3	4.20000*	.72938	.000	1.6367	6.7633
	N4	2.40000	.72938	.094	-.1633	4.9633

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



Lampiran 2

Foto-foto Penelitian

Gambar 1: Ekstrak Kayu Manis



Gambar 2 : Peyemprotan ekstrak kayu manis di kandang



Gambar 3: Kematian lalat dan nyamuk



Gambar 4 : Observasi efek penyempitan terhadap nyamuk dan lalat



Lampiran 3

Hasil penelitian, jumlah nyamuk dan lalat yang mati dalam 5 pengulangan

Pengulangan 1

Waktu pengamatan	Jumlah lalat yang mati		Jumlah nyamuk yang mati	
	Kayu manis 10%	Kontrol negatif aseton 1%	Kayu manis 10%	kontrol negatif aseton 10%
10 menit	3	0	9	0
20 menit	4	0	12	0
30 menit	4	0	15	0
40 menit	5	0	15	0
50 menit	6	0	19	0

Pengulangan 2

Waktu pengamatan	Jumlah lalat yang mati		Jumlah nyamuk yang mati	
	Kayu manis 10%	Kontrol negative aseton 1%	Kayu manis 10 %	kontrol negated aseton 1%
10 menit	1	0	7	0
20 menit	1	0	10	0
30 menit	4	0	10	0
40 menit	5	0	13	0
50 menit	5	0	18	0

Pengulangan 3

Waktu pengamatan	Jumlah lalat yang mati		Jumlah nyamuk yang mati	
	Kayu manis 10%	Kayu manis 10%	Kayu manis 10%	Kontrol negatif aseton 1%
10 menit	1	0	8	0
20 menit	2	0	12	0
30 menit	4	0	15	0
40 menit	4	0	16	0
50 menit	5	0	16	0

Pengulangan 4

Waktu pengamatan	Jumlah lalat yang mati		Jumlah nyamuk yang mati	
	Kayu manis 10%	Kontrol negative aseton 1%	Kayu manis 10%	Kontrol negative aseton 1%
10 menit	1	0	7	0
20 menit	3	0	11	0
30 menit	4	0	13	0
40 menit	5	0	16	0
50 menit	5	0	16	0

Pengulangan 5

Waktu pengamatan	Kayu manis 10%	Kontrol negatif aseton 1%	Kayu manis 10%	Kontrol negatif aseton 1%
10 menit	1	0	7	0
20 menit	3	0	9	0
30 menit	3	0	13	0
40 menit	5	0	15	0
50 menit	7	0	18	0

