Lampiran 1 : Uji Asumsi Normalitas Sebaran Data untuk Diameter Zona Inhibisi dan Uji Asumsi Homogenitas Variansi Data untuk Diameter Zona Inhibisi.

Untuk menguji apakah sampel penelitian mempunyai sebaran data yang normal, maka dalam penelitian ini digunakan pengujian Kolmogorov-Smirnov Goodness of Fit Test terhadap tiap-tiap variabel.

One-Sample Kolmogorov-Smirnov Test

			Diameter_ Zona_Inhibisi
N			24
Normal Parameters	a,b	Mean	7.3625
		Std. Deviation	1.01887
Most Extreme Differences		Absolute	.235
		Positive	.235
		Negative	-.144
Kolmogorov-Smirnov Z			1.153
Asymp. Sig. (2-tailed)			.140

a. Test distribution is Normal.

b. Calculated from data.

Nilai signifikansi (p)>0,05 = data berdistribusi normal.

Test of Homogeneity of Variances

Diameter_Zona_Inhibisi

Levene Statistic	df1	df2	Sig.
1.611	5	18	.208

Nilai signifikansi (p)>0,05 = data mempunyai ragam (variasi) yang relatif homogen.

Lampiran 2: Uji Analisis Varience (ANOVA)

Oneway

Descriptives

Diameter_Zona_Inhibisi

	N	Mean	td. Deviatio	Std. Error	% Confidence Interval f Mean		Minimum	Maximum
					ower Boun	pper Boun		
25%	4	6.4750	.32016	.16008	5.9656	6.9844	6.00	6.70
30%	4	7.0000	.32660	.16330	6.4803	7.5197	6.60	7.40
35%	4	7.0750	.09574	.04787	6.9227	7.2273	7.00	7.20
40%	4	7.1250	.15000	.07500	6.8863	7.3637	7.00	7.30
45%	4	7.4250	.87702	.43851	6.0295	8.8205	6.30	8.30
50%	4	9.0750	1.27377	.63689	7.0481	11.1019	8.00	10.50
Total	24	7.3625	1.01887	.20798	6.9323	7.7927	6.00	10.50

ANOVA

Diameter_Zona_Inhibisi

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	15.979	5	3.196	7.284	.001
Within Groups	7.898	18	.439		
Total	23.876	23			

Nilai signifikansi (p)<0,05 = ada perbedaan yang signifikan antar tiap perlakuan

Multiple Comparisons

Dependent Variable: Diameter_Zona_Inhibisi

Tukey HSD

(I) Kelompok	(J) Kelompok	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
25%	30%	-.52500	.46837	.866	-2.0135	.9635
	35%	-.60000	.46837	.791	-2.0885	.8885
	40%	-.65000	.46837	.734	-2.1385	.8385
	45%	-.95000	.46837	.365	-2.4385	.5385
	50%	-2.60000*	.46837	.000	-4.0885	-1.1115
30%	25%	.52500	.46837	.866	-.9635	2.0135
	35%	-.07500	.46837	1.000	-1.5635	1.4135
	40%	-.12500	.46837	1.000	-1.6135	1.3635
	45%	-.42500	.46837	.940	-1.9135	1.0635
	50%	-2.07500*	.46837	.004	-3.5635	-.5865
35%	25%	.60000	.46837	.791	-.8885	2.0885
	30%	.07500	.46837	1.000	-1.4135	1.5635
	40%	-.05000	.46837	1.000	-1.5385	1.4385
	45%	-.35000	.46837	.973	-1.8385	1.1385
	50%	-2.00000*	.46837	.005	-3.4885	-.5115
40%	25%	.65000	.46837	.734	-.8385	2.1385
	30%	.12500	.46837	1.000	-1.3635	1.6135
	35%	.05000	.46837	1.000	-1.4385	1.5385
	45%	-.30000	.46837	.986	-1.7885	1.1885
	50%	-1.95000*	.46837	.007	-3.4385	-.4615
45%	25%	.95000	.46837	.365	-.5385	2.4385
	30%	.42500	.46837	.940	-1.0635	1.9135
	35%	.35000	.46837	.973	-1.1385	1.8385
	40%	.30000	.46837	.986	-1.1885	1.7885
	50%	-1.65000*	.46837	.025	-3.1385	-.1615
50%	25%	2.60000*	.46837	.000	1.1115	4.0885
	30%	2.07500*	.46837	.004	.5865	3.5635
	35%	2.00000*	.46837	.005	.5115	3.4885
	40%	1.95000*	.46837	.007	.4615	3.4385
	45%	1.65000*	.46837	.025	.1615	3.1385

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

Nilai signifikansi (p)<0,05 = ada perbedaan yang signifikan antar tiap perlakuan.

Homogeneous Subsets

Diameter_Zona_Inhibisi

Tukey HSD [a]

Kelompok	N	Subset for alpha = .05	
		1	2
25%	4	6.4750	
30%	4	7.0000	
35%	4	7.0750	
40%	4	7.1250	
45%	4	7.4250	
50%	4		9.0750
Sig.		.365	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 4.000.

Lampiran 3 : Uji Korelasi dan Regresi Linier Sederhana

Correlations

Correlations

		Konsentrasi	Diameter_ Zona_Inhibisi
Konsentrasi	Pearson Correlation	1	.701**
	Sig. (2-tailed)	.	.000
	N	24	24
Diameter_Zona_Inhibisi	Pearson Correlation	.701**	1
	Sig. (2-tailed)	.000	.
	N	24	24

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

Regression

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.701[a]	.491	.468	.74316

a. Predictors: (Constant), Konsentrasi

ANOVA[b]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	11.726	1	11.726	21.232	.000[a]
	Residual	12.150	22	.552		
	Total	23.876	23			

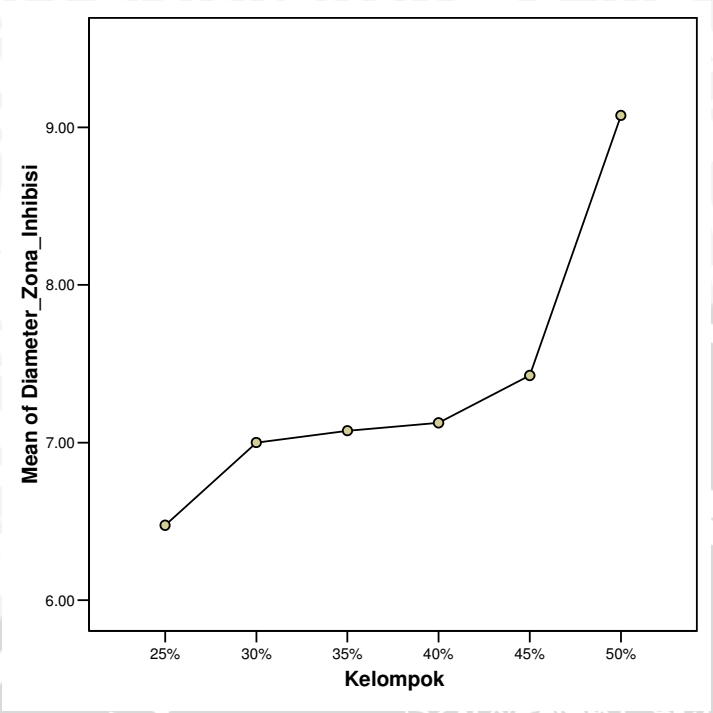
a. Predictors: (Constant), Konsentrasi

b. Dependent Variable: Diameter_Zona_Inhibisi

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	4.293	.683		6.283	.000
	Konsentrasi	.082	.018	.701	4.608	.000

a. Dependent Variable: Diameter_Zona_Inhibisi


Mean of Diameter_Zona_Inhibisi
9.00
8.00
7.00
6.00
25%
30%
35%
40%
45%
50%
Kelompok

Lampiran 4 : Alat dan Bahan Penelitian

1. Alat

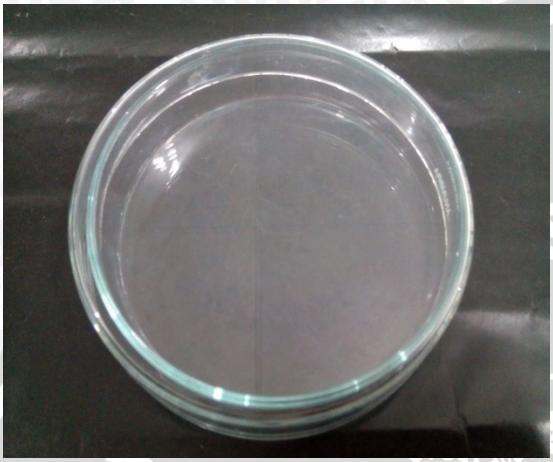


Plate kosong dan steril

Mikropipet 1 ml

Inkubator

Lampu Spirtus

ERROR: undefined
OFFENDING COMMAND: f‘~

STACK: