

Lampiran 3

Hail Uji Statistik

1. Uji Normolitas dan Homogenitas

Tests of Normality

	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Zona Inhibisi	.113	28	.200*	.978	28	.811

*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

Test of Homogeneity of Variances

Zona Inhibisi

Levene Statistic	df1	df2	Sig.
2.055	6	21	.103

2. One-Way ANOVA

Descriptives

Zona Inhibisi

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
					K Neg	4		
20%	4	6.5625	.23936	.11968	6.1816	6.9434	6.25	6.75
40%	4	10.3125	.55434	.27717	9.4304	11.1946	9.50	10.75
60%	4	10.9375	.55434	.27717	10.0554	11.8196	10.50	11.75
80%	4	12.3750	.82916	.41458	11.0556	13.6944	11.75	13.50
100%	4	14.1875	.47324	.23662	13.4345	14.9405	13.50	14.50
Amoxicillin	4	39.2500	.54006	.27003	38.3906	40.1094	38.50	39.75
Total	28	13.3750	11.63140	2.19813	8.8648	17.8852	.00	39.75

ANOVA

Zona Inhibisi

	Sum of Squares	df	Mean Square	F	Sig.
Betw een Groups	3647.188	6	607.865	2269.361	.000
Within Groups	5.625	21	.268		
Total	3652.813	27			

3. Post Hoc Tukey Test

Multiple Comparisons

Dependent Variable: Zona Inhibisi
Tukey HSD

(I) Kelompok	(J) Kelompok	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
K Neg	20%	-6.5625*	.36596	.000	-7.7522	-5.3728
	40%	-10.3125*	.36596	.000	-11.5022	-9.1228
	60%	-10.9375*	.36596	.000	-12.1272	-9.7478
	80%	-12.3750*	.36596	.000	-13.5647	-11.1853
	100%	-14.1875*	.36596	.000	-15.3772	-12.9978
	Amoxicillin	-39.2500*	.36596	.000	-40.4397	-38.0603
20%	K Neg	6.5625*	.36596	.000	5.3728	7.7522
	40%	-3.7500*	.36596	.000	-4.9397	-2.5603
	60%	-4.3750*	.36596	.000	-5.5647	-3.1853
	80%	-5.8125*	.36596	.000	-7.0022	-4.6228
	100%	-7.6250*	.36596	.000	-8.8147	-6.4353
	Amoxicillin	-32.6875*	.36596	.000	-33.8772	-31.4978
40%	K Neg	10.3125*	.36596	.000	9.1228	11.5022
	20%	3.7500*	.36596	.000	2.5603	4.9397
	60%	-.6250	.36596	.619	-1.8147	.5647
	80%	-2.0625*	.36596	.000	-3.2522	-.8728
	100%	-3.8750*	.36596	.000	-5.0647	-2.6853
	Amoxicillin	-28.9375*	.36596	.000	-30.1272	-27.7478
60%	K Neg	10.9375*	.36596	.000	9.7478	12.1272
	20%	4.3750*	.36596	.000	3.1853	5.5647
	40%	.6250	.36596	.619	-.5647	1.8147
	80%	-1.4375*	.36596	.012	-2.6272	-.2478
	100%	-3.2500*	.36596	.000	-4.4397	-2.0603
	Amoxicillin	-28.3125*	.36596	.000	-29.5022	-27.1228
80%	K Neg	12.3750*	.36596	.000	11.1853	13.5647
	20%	5.8125*	.36596	.000	4.6228	7.0022
	40%	2.0625*	.36596	.000	.8728	3.2522
	60%	1.4375*	.36596	.012	.2478	2.6272
	100%	-1.8125*	.36596	.001	-3.0022	-.6228
	Amoxicillin	-26.8750*	.36596	.000	-28.0647	-25.6853
100%	K Neg	14.1875*	.36596	.000	12.9978	15.3772
	20%	7.6250*	.36596	.000	6.4353	8.8147
	40%	3.8750*	.36596	.000	2.6853	5.0647
	60%	3.2500*	.36596	.000	2.0603	4.4397
	80%	1.8125*	.36596	.001	.6228	3.0022
	Amoxicillin	-25.0625*	.36596	.000	-26.2522	-23.8728
Amoxicillin	K Neg	39.2500*	.36596	.000	38.0603	40.4397
	20%	32.6875*	.36596	.000	31.4978	33.8772
	40%	28.9375*	.36596	.000	27.7478	30.1272
	60%	28.3125*	.36596	.000	27.1228	29.5022
	80%	26.8750*	.36596	.000	25.6853	28.0647
	100%	25.0625*	.36596	.000	23.8728	26.2522

Zona Inhibisi

Tukey HSD^a

Kelompok	N	Subset for alpha = .05					
		1	2	3	4	5	6
K Neg	4	.0000					
20%	4		6.5625				
40%	4			10.3125			
60%	4			10.9375			
80%	4				12.3750		
100%	4					14.1875	
Amoxicillin	4						39.2500
Sig.		1.000	1.000	.619	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 4.000.

4. Uji korelasi pearson

Correlations

		Konsentrasi	Zona Inhibisi
Konsentrasi	Pearson Correlation	1	.926**
	Sig. (2-tailed)	.	.000
	N	24	24
Zona Inhibisi	Pearson Correlation	.926**	1
	Sig. (2-tailed)	.000	.
	N	24	24

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

5. Uji Regresi

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.926 ^a	.858	.852	1.84517

a. Predictors: (Constant), Konsentrasi

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	452.629	1	452.629	132.944	.000 ^a
	Residual	74.903	22	3.405		
	Total	527.531	23			

a. Predictors: (Constant), Konsentrasi

b. Dependent Variable: Zona Inhibisi

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	2.705	.668		4.052	.001
	Konsentrasi	.127	.011	.926	11.530	.000

a. Dependent Variable: Zona Inhibisi

6. Means Plot

