

LAMPIRAN

Case Summaries<sup>a</sup>

			Jumlah Koloni Bakteri Klebsiella pneumoniae	Log Jumlah Koloni Bakteri Klebsiella pneumoniae	
Konsentrasi daun Beluntas	Konsentrasi 0%	1	5213970.0	6.717	
		2	3687930.0	6.567	
		3	4196610.0	6.623	
		4	4450950.0	6.648	
		Total	N	4	4
			Mean	4387365.000	6.63883
			Maximum	5213970.0	6.717
			Minimum	3687930.0	6.567
			Std. Deviation	635850.0000	.062381
	Konsentrasi 15%	1		130.0	2.114
		2		101.0	2.004
		3		105.0	2.021
		4		93.0	1.968
		Total	N	4	4
			Mean	107.250	2.02698
			Maximum	130.0	2.114
			Minimum	93.0	1.968
			Std. Deviation	15.9661	.061999
	Konsentrasi 17,5%	1		52.0	1.716
		2		59.0	1.771
3			55.0	1.740	
4			29.0	1.462	
	Total	N	4	4	
		Mean	48.750	1.67240	
		Maximum	59.0	1.771	
		Minimum	29.0	1.462	
		Std. Deviation	13.4753	.141791	
Konsentrasi 20%	1		18.0	1.255	
	2		19.0	1.279	
	3		35.0	1.544	
	4		44.0	1.643	
	Total	N	4	4	
		Mean	29.000	1.43039	
		Maximum	44.0	1.643	
		Minimum	18.0	1.255	
		Std. Deviation	12.6754	.193199	
Konsentrasi 22,5%	1		3.0	.477	
	2		8.0	.903	
	3		5.0	.699	
	4		9.0	.954	
	Total	N	4	4	
		Mean	6.250	.75836	
		Maximum	9.0	.954	
		Minimum	3.0	.477	
		Std. Deviation	2.7538	.217516	
Konsentrasi 25%	1		Konsentrasi 0%	.000	
	2		Konsentrasi 0%	.000	
	3		Konsentrasi 0%	.000	
	4		Konsentrasi 0%	.000	
	Total	N	4	4	
		Mean	.000	.00000	
		Maximum	Konsentrasi 0%	.000	
		Minimum	Konsentrasi 0%	.000	
		Std. Deviation	.0000	.000000	
Total		N	24	24	
		Mean	731259.375	2.08783	
		Maximum	5213970.0	6.717	
		Minimum	Konsentrasi 0%	.000	
		Std. Deviation	1685939.755	2.188149	

a. Limited to first 100 cases.



**Uji Normalitas data**

**a. Data asli**

**One-Sample Kolmogorov-Smirnov Test**

		Jumlah Koloni Bakteri Klebsiella pneumoniae
N		24
Normal Parameters <sup>a,b</sup>	Mean	731259.375
	Std. Deviation	1685939.7552
	Absolute	.501
Most Extreme Differences	Positive	.501
	Negative	-.332
Kolmogorov-Smirnov Z		2.455
Asymp. Sig. (2-tailed)		.000

a. Test distribution is Normal.

b. Calculated from data.

Oleh karena data tidak berdistribusi normal dengan nilai signifikansi 0.000 ( $p < 0.05$ ), maka data perlu dilakukan transformasi. Alat transformasi yang digunakan pada data adalah logaritma. Kemudian dilakukan uji normalitas kembali untuk mengecek distribusi data yang telah di transformasi tersebut.

**Data setelah ditransformasi logaritma**

**One-Sample Kolmogorov-Smirnov Test**

		Log Jumlah Koloni Bakteri Klebsiella pneumoniae
N		24
Normal Parameters <sup>a,b</sup>	Mean	2.19083
	Std. Deviation	2.198301
	Absolute	.242
Most Extreme Differences	Positive	.242
	Negative	-.159
Kolmogorov-Smirnov Z		1.188
Asymp. Sig. (2-tailed)		.119

a. Test distribution is Normal.

b. Calculated from data.



### Uji Homogenitas ragam data

#### Test of Homogeneity of Variance<sup>a</sup>

	Levene Statistic	df1	df2	Sig.	
Log Jumlah Koloni Bakteri Klebsiella pneumoniae	Based on Mean	2.648	4	15	.075
	Based on Median	1.759	4	15	.190
	Based on Median and with adjusted df	1.759	4	8.755	.223
	Based on trimmed mean	2.551	4	15	.082

a. Log Jumlah Koloni Bakteri Klebsiella pneumoniae is constant when Konsentrasi daun Beluntas = Konsentrasi 25%. It has been omitted.

Jika nilai signifikansi  $>0.05$  = data mempunyai varians yang homogeny

### Output Hasil Analisis ANOVA

#### Oneway

##### ANOVA

Log Jumlah Koloni Bakteri Klebsiella pneumoniae

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	110.759	5	22.152	1024.006	.000
Within Groups	.389	18	.022		
Total	111.148	23			

#### Multiple Comparisons

Dependent Variable: Log Jumlah Koloni Bakteri Klebsiella pneumoniae

Tukey HSD

(I) Konsentrasi daun Beluntas	(J) Konsentrasi daun Beluntas	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
Konsentrasi 0%	Konsentrasi 15%	3.993840 <sup>*</sup>	.104001	.000	3.66332	4.32436
	Konsentrasi 17,5%	4.966422 <sup>*</sup>	.104001	.000	4.63590	5.29694
	Konsentrasi 20%	5.208439 <sup>*</sup>	.104001	.000	4.87792	5.53896
	Konsentrasi 22,5%	5.880470 <sup>*</sup>	.104001	.000	5.54995	6.21099
Konsentrasi 15%	Konsentrasi 0%	-3.993840 <sup>*</sup>	.104001	.000	-4.32436	-3.66332

	Konsentrasi 17,5%	.972582 <sup>*</sup>	.104001	.000	.64206	1.30310
	Konsentrasi 20%	1.214599 <sup>*</sup>	.104001	.000	.88408	1.54512
	Konsentrasi 22,5%	1.886630 <sup>*</sup>	.104001	.000	1.55611	2.21715
	Konsentrasi 25%	2.644986 <sup>*</sup>	.104001	.000	2.31447	2.97550
	Konsentrasi 0%	-4.966422 <sup>*</sup>	.104001	.000	-5.29694	-4.63590
	Konsentrasi 15%	-.972582 <sup>*</sup>	.104001	.000	-1.30310	-.64206
Konsentrasi 17,5%	Konsentrasi 20%	.242017	.104001	.234	-.08850	.57254
	Konsentrasi 22,5%	.914048 <sup>*</sup>	.104001	.000	.58353	1.24457
	Konsentrasi 25%	1.672404 <sup>*</sup>	.104001	.000	1.34189	2.00292
	Konsentrasi 0%	-5.208439 <sup>*</sup>	.104001	.000	-5.53896	-4.87792
	Konsentrasi 15%	-1.214599 <sup>*</sup>	.104001	.000	-1.54512	-.88408
Konsentrasi 20%	Konsentrasi 17,5%	-.242017	.104001	.234	-.57254	.08850
	Konsentrasi 22,5%	.672031 <sup>*</sup>	.104001	.000	.34151	1.00255
	Konsentrasi 25%	1.430387 <sup>*</sup>	.104001	.000	1.09987	1.76091
	Konsentrasi 0%	-5.880470 <sup>*</sup>	.104001	.000	-6.21099	-5.54995
	Konsentrasi 15%	-1.886630 <sup>*</sup>	.104001	.000	-2.21715	-1.55611
Konsentrasi 22,5%	Konsentrasi 17,5%	-.914048 <sup>*</sup>	.104001	.000	-1.24457	-.58353
	Konsentrasi 20%	-.672031 <sup>*</sup>	.104001	.000	-1.00255	-.34151
	Konsentrasi 25%	.758356 <sup>*</sup>	.104001	.000	.42784	1.08887
	Konsentrasi 0%	-6.638826 <sup>*</sup>	.104001	.000	-6.96934	-6.30831
	Konsentrasi 15%	-2.644986 <sup>*</sup>	.104001	.000	-2.97550	-2.31447
Konsentrasi 25%	Konsentrasi 17,5%	-1.672404 <sup>*</sup>	.104001	.000	-2.00292	-1.34189
	Konsentrasi 20%	-1.430387 <sup>*</sup>	.104001	.000	-1.76091	-1.09987
	Konsentrasi 22,5%	-.758356 <sup>*</sup>	.104001	.000	-1.08887	-.42784

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

#### Homogeneous Subsets

##### Log Jumlah Koloni Bakteri Klebsiella pneumoniae

Tukey HSD

Konsentrasi daun	N	Subset for alpha = 0.05				
		1	2	3	4	5
Beluntas						
Konsentrasi 25%	4	.00000				
Konsentrasi 22,5%	4		.75836			
Konsentrasi 20%	4			1.43039		
Konsentrasi 17,5%	4			1.67240		
Konsentrasi 15%	4				2.64499	
Konsentrasi 0%	4					6.63883
Sig.		1.000	1.000	.234	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 4.000.

**HASIL UJI REGRESI LINIER****Regression****Variables Entered/Removed<sup>a</sup>**

Model	Variables Entered	Variables Removed	Method
1	Konsentrasi daun Beluntas <sup>b</sup>	.	Enter

a. Dependent Variable: Jumlah Koloni Bakteri Klebsiella pneumoniae

b. All requested variables entered.

**Model Summary**

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.996 <sup>a</sup>	.992	.992	.197643

a. Predictors: (Constant), Konsentrasi daun Beluntas

**ANOVA<sup>a</sup>**

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	110.289	1	110.289	2823.369	.000 <sup>b</sup>
	Residual	.859	22	.039		
	Total	111.148	23			

a. Dependent Variable: Log Jumlah Koloni Bakteri Klebsiella pneumoniae

b. Predictors: (Constant), Konsentrasi daun Beluntas

**Coefficients<sup>a</sup>**

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.	95.0% Confidence Interval for B	
		B	Std. Error				Lower Bound	Upper Bound
		1	(Constant)	6.590	.092		71.555	.000
	Konsentrasi daun Beluntas	-.264	.005	-.996	-53.135	.000	-.274	-.254

a. Dependent Variable: Log Jumlah Koloni Bakteri Klebsiella pneumonia

**Residuals Statistics<sup>a</sup>**

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	-.09	6.45	2.09	2.171	24
Residual	-.557	.427	.000	.295	24
Std. Predicted Value	-1.004	2.009	.000	1.000	24
Std. Residual	-1.843	1.412	.000	.978	24

a. Dependent Variable: Jumlah Koloni Bakteri Klebsiella pneumoniae

**UJI KORELASI**

**Correlations**

		Konsentrasi daun Beluntas	Log Jumlah Koloni Bakteri Klebsiella pneumoniae
Konsentrasi daun Beluntas	Pearson Correlation	1	-.996**
	Sig. (1-tailed)		.000
	N	24	24
Log Jumlah Koloni Bakteri Klebsiella pneumoniae	Pearson Correlation	-.996**	1
	Sig. (1-tailed)	.000	
	N	24	24

\*\* . Correlation is significant at the 0.01 level (1-tailed).