RIWAYAT HIDUP

Nama	:	Hengky Fernando D
Tempat tanggal lahir	:	Curup, 18 Januari 1985
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Pendidikan :

1. 1996, lulus SD Xaverius 20 Curup
2. 1999, lulus SMP Xaverius 20 Curup
3. 2002, lulus SMUN 1 Curup
4. 2002, Mahasiswa Fakultas Kedokteran Universitas Kristen Maranatha Bandung

Lampiran 1 :

Perhitungan dosis :

Dosis 5% = 5 gr daun leunca kering dilarutkan dalam 100 ml akuades.
Dosis 3% = 3 gr daun leunca kering dilarutkan dalam 100 ml akuades.
Dosis 2% = 2 gr daun leunca kering dilarutkan dalam 100 ml akuades.
Dosis 1% = 1 gr daun leunca kering dilarutkan dalam 100 ml akuades.
Dosis 0,5% = 0,5 gr daun leunca kering dilarutkan dalam 100 ml akuades.

Dosis Temephos 1g :
Dosis efektif temephos 1g adalah sebesar 1 ppm dimana biasanya digunakan 10 gr bubuk temephos didalam 100 liter air.
1 ppm = 1 gr temephos 1g didalam 1.000.000 ml air.
Sedangkan didalam kemasan bubuk temephos 1g 10 gr kandungan temephosnya hanya 1%, jadi didalam 10 gr hanya ada 0,1 gr temephos.
Artinya didalam 100 liter air dilarutkan 0,1 gr temephos
= 1 gr temephos 1g didalam 1.000 liter air.
= 1 gr temephos 1g didalam 1.000.000 ml air.
= 1 ppm.

Dan didalam percobaan yang dilakukan disini dosis 1 ppm Temephos didapat dari :
= 10 mg Temephos 1g didalam 100 ml akuades.

Lampiran 2 :

ONEWAY

ANOVA

VAR00001

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	3695,943	6	615,990	255,144	,000
Within Groups	67,600	28	2,414		
Total	3763,543	34			

Lampiran 3 :

Post Hoc Tests

Multiple Comparisons

Dependent Variable: VAR00001

	(I) VAR00002	(J) VAR00002	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Tukey HSD	air ledeng	abate	-28,60*	,983	,000	-31,72	-25,48
		leunca	-3,00	,983	,065	-6,12	,12
		1%	-13,00*	,983	,000	-16,12	-9,88
		2%	-15,80*	,983	,000	-18,92	-12,68
		3%	-21,20*	,983	,000	-24,32	-18,08
		5%	-27,00*	,983	,000	-30,12	-23,88
	abate	air ledeng	28,60*	,983	,000	25,48	31,72
		leunca	25,60*	,983	,000	22,48	28,72
		1%	15,60*	,983	,000	12,48	18,72
		2%	12,80*	,983	,000	9,68	15,92
		3%	7,40*	,983	,000	4,28	10,52
		5%	1,60	,983	,666	-1,52	4,72
	leunca	air ledeng	3,00	,983	,065	-,12	6,12
		abate	-25,60*	,983	,000	-28,72	-22,48
		1%	-10,00*	,983	,000	-13,12	-6,88
		2%	-12,80*	,983	,000	-15,92	-9,68
		3%	-18,20*	,983	,000	-21,32	-15,08
		5%	-24,00*	,983	,000	-27,12	-20,88
	1%	air ledeng	13,00*	,983	,000	9,88	16,12
		abate	-15,60*	,983	,000	-18,72	-12,48
		leunca	10,00*	,983	,000	6,88	13,12
		2%	-2,80	,983	,100	-5,92	,32
		3%	-8,20*	,983	,000	-11,32	-5,08
		5%	-14,00*	,983	,000	-17,12	-10,88
	2%	air ledeng	15,80*	,983	,000	12,68	18,92
		abate	-12,80*	,983	,000	-15,92	-9,68
		leunca	12,80*	,983	,000	9,68	15,92
		1%	2,80	,983	,100	-,32	5,92
		3%	-5,40*	,983	,000	-8,52	-2,28
		5%	-11,20*	,983	,000	-14,32	-8,08
	3%	air ledeng	21,20*	,983	,000	18,08	24,32
		abate	-7,40*	,983	,000	-10,52	-4,28
		leunca	18,20*	,983	,000	15,08	21,32
		1%	8,20*	,983	,000	5,08	11,32
		2%	5,40*	,983	,000	2,28	8,52
		5%	-5,80*	,983	,000	-8,92	-2,68
	5%	air ledeng	27,00*	,983	,000	23,88	30,12
		abate	-1,60	,983	,666	-4,72	1,52
		leunca	24,00*	,983	,000	20,88	27,12
		1%	14,00*	,983	,000	10,88	17,12
		2%	11,20*	,983	,000	8,08	14,32
		3%	5,80*	,983	,000	2,68	8,92

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

Lampiran 4 :

Homogeneous Subsets

VAR00001

	VAR00002	N	Subset for alpha = .05					
			1	2	3	4	5	6
Tukey HSD[a]	air ledeng	5	,60					
	leunca	5	3,60					
	1%	5		13,60				
	2%	5		16,40				
	3%	5			21,80			
	5%	5				27,60		
	abate	5				29,20		
	Sig.		,065	,100	1,000	,666		
Tukey B[a]	air ledeng	5	,60					
	leunca	5		3,60				
	1%	5			13,60			
	2%	5				16,40		
	3%	5					21,80	
	5%	5						27,60
	abate	5						29,20

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5,000.

Lampiran 5 :

Rumus uji Regresi :

Y = a + bx

Keterangan : Y = Variabel yang dipengaruhi (jumlah kematian).

X = Variabel yang mempengaruhi (dosis).

a = Intersep / perpotongan dengan sumbu y.

b = Slope / gradien / kemiringan.

	Dosis (X)	Jumlah Kematian (Y)	X^2	Y^2	X.Y
1	0,005	3,6	0,000025	12,96	0,018
2	0,01	13,6	0,0001	184,96	0,136
3	0,02	16,4	0,0004	268,96	0,328
4	0,03	21,8	0,0009	475,24	0,654
5	0,05	27,6	0,0025	761,76	1,38
Jumlah	0,115	83	0,003925	1703,88	2,516

$$b = \frac{n\Sigma xy - (\Sigma x)(\Sigma y)}{n\Sigma x^2 - (\Sigma x)^2}$$

$$b = \frac{(5)(2,516) - (0,115)(83)}{(5)(0,003925) - (0,115)^2} = \frac{3,035}{0,0064}$$

$$= 474,2188$$

$$a = \frac{\Sigma y - b\Sigma x}{n} = \frac{83 - (474,2188)(0,115)}{5}$$

$$= \frac{28,46484}{5}$$

$$= 5,693$$

maka Y = a + bx

= 5,693 + 474,2188x

jika jumlah kematian (y) = 15 maka dosisnya yaitu :

y = 5,693 + 474,2188x

15 = 5,693 + 474,2188x

9,307 = 474,2188x

$x = \frac{9,307}{474,2188}$

= 0,0196

= 1,96%

Dengan menggunakan program SPSS :

Descriptive Statistics

	Mean	Std. Deviation	N
JML_KMTN	16,6000	9,02884	5
DOSIS	,02300	,017889	5

Correlations

		JML_KMTN	DOSIS
Pearson Correlation	JML_KMTN	1,000	,940
	DOSIS	,940	1,000
Sig. (1-tailed)	JML_KMTN	,	,009
	DOSIS	,009	,
N	JML_KMTN	5	5
	DOSIS	5	5

Variables Entered/Removed(b)

Model	Variables Entered	Variables Removed	Method
1	DOSIS(a)	,	Enter

a All requested variables entered.
b Dependent Variable: JML_KMTN

Model Summary(b)

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Change Statistics				
					R Square Change	F Change	df 1	df 2	Sig. F Change
1	,940(a)	,883	,844	3,56974	,883	22,589	1	3	,018

a Predictors: (Constant), DOSIS
b Dependent Variable: JML_KMTN

ANOVA(b)

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	287,851	1	287,851	22,589	,018(a)
	Residual	38,229	3	12,743		
	Total	326,080	4			

a Predictors: (Constant), DOSIS
b Dependent Variable: JML_KMTN

Coefficients(a)

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.	95% Confidence Interval for B		Correlations			Collinearity Statistics	
		B	Std. Error	Beta			Lower Bound	Upper Bound	Zero-order	Partial	Part	Tolerance	VIF
1	(Constant)	5,693	2,796		2,036	,135	-3,204	14,590					
	DOSIS	474,219	99,777	,940	4,753	,018	156,683	791,755	,940	,940	,940	1,000	1,000

a Dependent Variable: JML_KMTN

Coefficient Correlations(a)

Model			DOSIS
1	Correlations	DOSIS	1,000
	Covariances	DOSIS	9955,526

a Dependent Variable: JML_KMTN

Collinearity Diagnostics(a)

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions	
				(Constant)	DOSIS
1	1	1,821	1,000	,09	,09
	2	,179	3,189	,91	,91

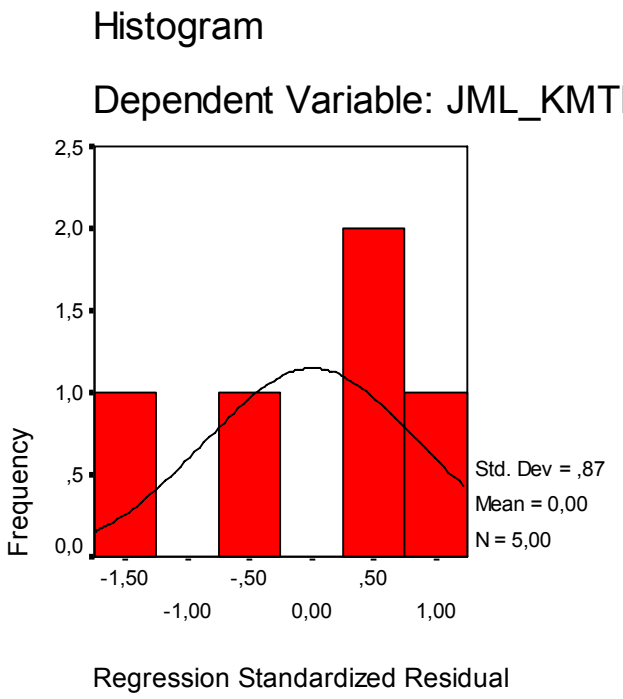
a Dependent Variable: JML_KMTN

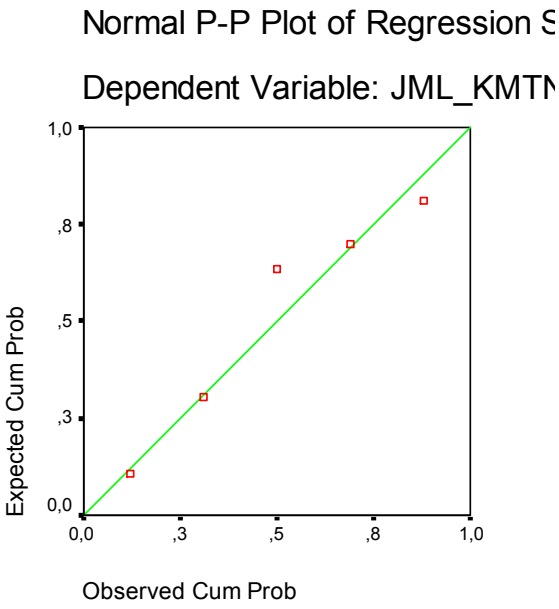
Residuals Statistics(a)

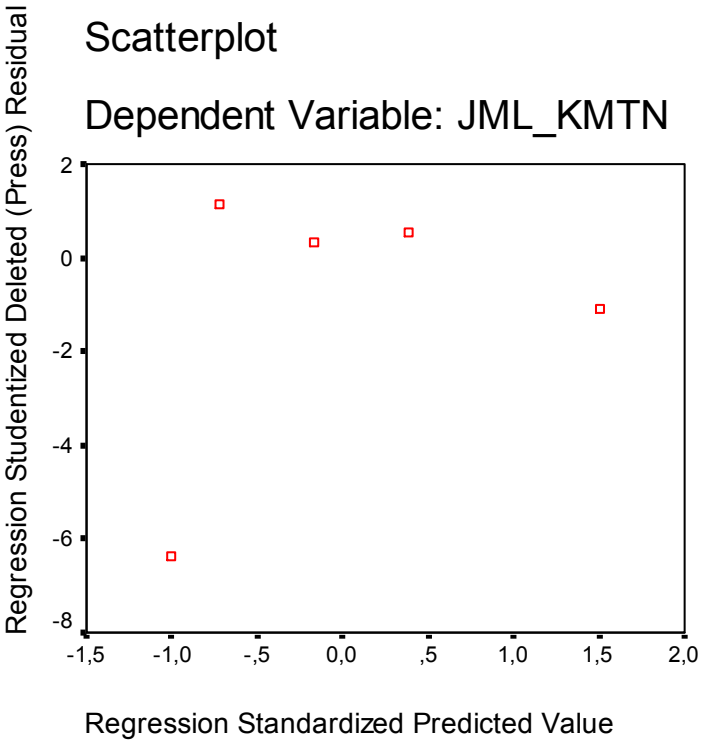
	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	8,0641	29,4039	16,6000	8,48308	5
Std. Predicted Value	-1,006	1,509	,000	1,000	5
Standard Error of Predicted Value	1,62426	3,13148	2,19164	,60616	5
Adjusted Predicted Value	8,8620	35,4271	18,0483	10,46114	5
Residual	-4,4641	3,1648	,0000	3,09149	5
Std. Residual	-1,251	,887	,000	,866	5
Stud. Residual	-1,691	1,085	-,134	1,180	5
Deleted Residual	-8,1629	4,7380	-1,4483	6,08952	5
Stud. Deleted Residual	-6,381	1,136	-1,096	3,064	5
Mahal. Distance	,028	2,278	,800	,911	5
Cook's Distance	,019	1,850	,681	,806	5
Centered Leverage Value	,007	,570	,200	,228	5

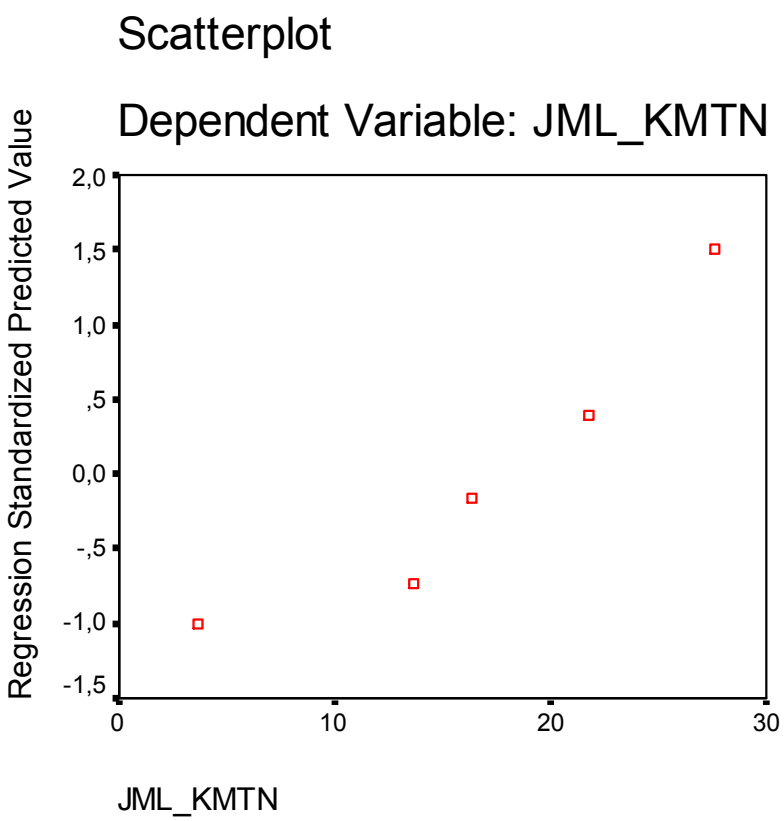
a Dependent Variable: JML_KMTN

Chart :




Normal P-P Plot of Regression S
Dependent Variable: JML_KMTN
Expected Cum Prob
Observed Cum Prob
0,0
,3
,5
,8
1,0


Scatterplot
Dependent Variable: JML_KMTN
Regression Studentized Deleted (Press) Residual
Regression Standardized Predicted Value
2
0
-2
-4
-6
-8
-1,5
-1,0
-,5
0,0
,5
1,0
1,5
2,0


Scatterplot
Dependent Variable: JML_KMTN
Regression Standardized Predicted Value
2,0
1,5
1,0
,5
0,0
-,5
-1,0
-1,5
0
10
20
30
JML_KMTN