

Lampiran 1 :

Perhitungan dosis :

Dosis 10 % =	10 gr biji sirsak kering dilarutkan dalam 100 ml akuades.
Dosis 7% =	7 gr biji sirsak kering dilarutkan dalam 100 ml akuades.
Dosis 5% =	5 gr biji sirsak kering dilarutkan dalam 100 ml akuades.
Dosis 3% =	3 g biji sirsak kering dilarutkan dalam 100 ml akuades.
Dosis 2% =	2 gr biji sirsak kering dilarutkan dalam 100 ml akuades.
Dosis 1% =	1 gr biji sirsak kering dilarutkan dalam 100 ml akuades.
Dosis 0,5% =	0,5 gr biji sirsak kering dilarutkan dalam 100 ml akuades.

Dosis Temephos 1 ppm yang digunakan dalam penelitian adalah 0,1mg temephos didalam 100ml air, didapat dari :

1 ppm = 1 mg temephos didalam 1.000 ml air.
Berarti didalam 100 ml dilarutkan 0,1 mg temephos
= 0,1 mg temephos didalam 100 ml air
= 1 mg temephos didalam 1.000 ml air.
= 1 ppm.

Lampiran 2 :

Oneway

Descriptives

Hasil

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
Akuades	3	.3333	.57735	.33333	-1.1009	1.7676	.00	1.00
Abate/temephos 1g	3	30.0000	.00000	.00000	30.0000	30.0000	30.00	30.00
Biji sirsak 0.5%	3	22.0000	2.64575	1.52753	15.4276	28.5724	20.00	25.00
Biji Sirsak 1%	3	25.6667	1.52753	.88192	21.8721	29.4612	24.00	27.00
biji sirsak 2%	3	27.0000	2.00000	1.15470	22.0317	31.9683	25.00	29.00
Biji sirsak 3%	3	28.3333	1.15470	.66667	25.4649	31.2018	27.00	29.00
Biji sirsak 5%	3	28.6667	.57735	.33333	27.2324	30.1009	28.00	29.00
Biji sirsak 7%	3	30.0000	.00000	.00000	30.0000	30.0000	30.00	30.00
Biji sirsak 10%	3	30.0000	.00000	.00000	30.0000	30.0000	30.00	30.00
Total	27	24.6667	9.18192	1.76706	21.0344	28.2989	.00	30.00

Test of Homogeneity of Variances

Hasil

Levene Statistic	df1	df2	Sig.
4.329	8	18	.005

ANOVA

Hasil

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	2161.333	8	270.167	158.576	.000
Within Groups	30.667	18	1.704		
Total	2192.000	26			

Lampiran 3 :

Post Hoc Tests

Multiple Comparisons

Dependent Variable: Hasil
Tukey HSD

(I) Perlakuan	(J) Perlakuan	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
Akuades	Abate/temephos 1g	-29.66667*	1.06574	.000	-33.4009	-25.9325
	Biji sirsak 0.5%	-21.66667*	1.06574	.000	-25.4009	-17.9325
	Biji Sirsak 1%	-25.33333*	1.06574	.000	-29.0675	-21.5991
	biji sirsak 2%	-26.66667*	1.06574	.000	-30.4009	-22.9325
	Biji sirsak 3%	-28.00000*	1.06574	.000	-31.7342	-24.2658
	Biji sirsak 5%	-28.33333*	1.06574	.000	-32.0675	-24.5991
	Biji sirsak 7%	-29.66667*	1.06574	.000	-33.4009	-25.9325
	Biji sirsak 10%	-29.66667*	1.06574	.000	-33.4009	-25.9325
Abate/temephos 1g	Akuades	29.66667*	1.06574	.000	25.9325	33.4009
	Biji sirsak 0.5%	8.00000*	1.06574	.000	4.2658	11.7342
	Biji Sirsak 1%	4.33333*	1.06574	.016	.5991	8.0675
	biji sirsak 2%	3.00000	1.06574	.178	-.7342	6.7342
	Biji sirsak 3%	1.66667	1.06574	.811	-2.0675	5.4009
	Biji sirsak 5%	1.33333	1.06574	.933	-2.4009	5.0675
	Biji sirsak 7%	.00000	1.06574	1.000	-3.7342	3.7342
	Biji sirsak 10%	.00000	1.06574	1.000	-3.7342	3.7342
Biji sirsak 0.5%	Akuades	21.66667*	1.06574	.000	17.9325	25.4009
	Abate/temephos 1g	-8.00000*	1.06574	.000	-11.7342	-4.2658
	Biji Sirsak 1%	-3.66667	1.06574	.057	-7.4009	.0675
	biji sirsak 2%	-5.00000*	1.06574	.004	-8.7342	-1.2658
	Biji sirsak 3%	-6.33333*	1.06574	.000	-10.0675	-2.5991
	Biji sirsak 5%	-6.66667*	1.06574	.000	-10.4009	-2.9325
	Biji sirsak 7%	-8.00000*	1.06574	.000	-11.7342	-4.2658
	Biji sirsak 10%	-8.00000*	1.06574	.000	-11.7342	-4.2658
Biji Sirsak 1%	Akuades	25.33333*	1.06574	.000	21.5991	29.0675
	Abate/temephos 1g	-4.33333*	1.06574	.016	-8.0675	-.5991
	Biji sirsak 0.5%	3.66667	1.06574	.057	-.0675	7.4009
	biji sirsak 2%	-1.33333	1.06574	.933	-5.0675	2.4009
	Biji sirsak 3%	-2.66667	1.06574	.293	-6.4009	1.0675
	Biji sirsak 5%	-3.00000	1.06574	.178	-6.7342	.7342
	Biji sirsak 7%	-4.33333*	1.06574	.016	-8.0675	-.5991
	Biji sirsak 10%	-4.33333*	1.06574	.016	-8.0675	-.5991
biji sirsak 2%	Akuades	26.66667*	1.06574	.000	22.9325	30.4009
	Abate/temephos 1g	-3.00000	1.06574	.178	-6.7342	.7342
	Biji sirsak 0.5%	5.00000*	1.06574	.004	1.2658	8.7342
	Biji Sirsak 1%	1.33333	1.06574	.933	-2.4009	5.0675
	biji sirsak 3%	-1.33333	1.06574	.933	-5.0675	2.4009
	Biji sirsak 5%	-1.66667	1.06574	.811	-5.4009	2.0675
	Biji sirsak 7%	-3.00000	1.06574	.178	-6.7342	.7342
	Biji sirsak 10%	-3.00000	1.06574	.178	-6.7342	.7342
Biji sirsak 3%	Akuades	28.00000*	1.06574	.000	24.2658	31.7342
	Abate/temephos 1g	-1.66667	1.06574	.811	-5.4009	2.0675
	Biji sirsak 0.5%	6.33333*	1.06574	.000	2.5991	10.0675
	Biji Sirsak 1%	2.66667	1.06574	.293	-1.0675	6.4009
	biji sirsak 2%	1.33333	1.06574	.933	-2.4009	5.0675
	Biji sirsak 5%	-.33333	1.06574	1.000	-4.0675	3.4009
	Biji sirsak 7%	-1.66667	1.06574	.811	-5.4009	2.0675
	Biji sirsak 10%	-1.66667	1.06574	.811	-5.4009	2.0675
Biji sirsak 5%	Akuades	28.33333*	1.06574	.000	24.5991	32.0675
	Abate/temephos 1g	-1.33333	1.06574	.933	-5.0675	2.4009
	Biji sirsak 0.5%	6.66667*	1.06574	.000	2.9325	10.4009
	Biji Sirsak 1%	3.00000	1.06574	.178	-.7342	6.7342
	biji sirsak 2%	1.66667	1.06574	.811	-2.0675	5.4009
	Biji sirsak 3%	.33333	1.06574	1.000	-3.4009	4.0675
	Biji sirsak 7%	-1.33333	1.06574	.933	-5.0675	2.4009
	Biji sirsak 10%	-1.33333	1.06574	.933	-5.0675	2.4009
Biji sirsak 7%	Akuades	29.66667*	1.06574	.000	25.9325	33.4009
	Abate/temephos 1g	.00000	1.06574	1.000	-3.7342	3.7342
	Biji sirsak 0.5%	8.00000*	1.06574	.000	4.2658	11.7342
	Biji Sirsak 1%	4.33333*	1.06574	.016	.5991	8.0675
	biji sirsak 2%	3.00000	1.06574	.178	-.7342	6.7342
	Biji sirsak 3%	1.66667	1.06574	.811	-2.0675	5.4009
	Biji sirsak 5%	1.33333	1.06574	.933	-2.4009	5.0675
	Biji sirsak 10%	.00000	1.06574	1.000	-3.7342	3.7342
Biji sirsak 10%	Akuades	29.66667*	1.06574	.000	25.9325	33.4009
	Abate/temephos 1g	.00000	1.06574	1.000	-3.7342	3.7342
	Biji sirsak 0.5%	8.00000*	1.06574	.000	4.2658	11.7342
	Biji Sirsak 1%	4.33333*	1.06574	.016	.5991	8.0675
	biji sirsak 2%	3.00000	1.06574	.178	-.7342	6.7342
	Biji sirsak 3%	1.66667	1.06574	.811	-2.0675	5.4009
	Biji sirsak 5%	1.33333	1.06574	.933	-2.4009	5.0675
	Biji sirsak 7%	.00000	1.06574	1.000	-3.7342	3.7342

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

Lampiran 4 :

Homogeneous Subsets

Hasil

Tukey HSD^a

Perlakuan	N	Subset for alpha = .05			
		1	2	3	4
Akuades	3	.3333			
Biji sirsak 0.5%	3		22.0000		
Biji Sirsak 1%	3		25.6667	25.6667	
biji sirsak 2%	3			27.0000	27.0000
Biji sirsak 3%	3			28.3333	28.3333
Biji sirsak 5%	3			28.6667	28.6667
Abate/temephos 1g	3				30.0000
Biji sirsak 7%	3				30.0000
Biji sirsak 10%	3				30.0000
Sig.		1.000	.057	.178	.178

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

Lampiran 5 :

PROBIT ANALISIS

DATA Information

24 unweighted cases accepted.
3 cases rejected because of missing data.
3 cases are in the control group.

MODEL Information

ONLY Normal Sigmoid is requested.

* * * * * P R O B I T A N A L Y S I S * * * * *
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>Warning # 13527

>Parameter estimates did not converge in maximum number of iterations.

Number of iterations = 20
Optimal solution not found.

Parameter Estimates (PROBIT model: (PROBIT(p)) = Intercept + BX):

	Regression Coeff.	Standard Error	Coeff./S.E.
dosis	62,98283	6,10300	10,31998

Intercept	Standard Error	Intercept/S.E.
-,25138	,09413	-2,67041

Pearson Goodness-of-Fit Chi Square = 197,118 DF = 22 P = ,000

Since Goodness-of-Fit Chi square is significant, a heterogeneity factor is used in the calculation of confidence limits.

***** P R O B I T A N A L Y S I S *****

Observed and Expected Frequencies

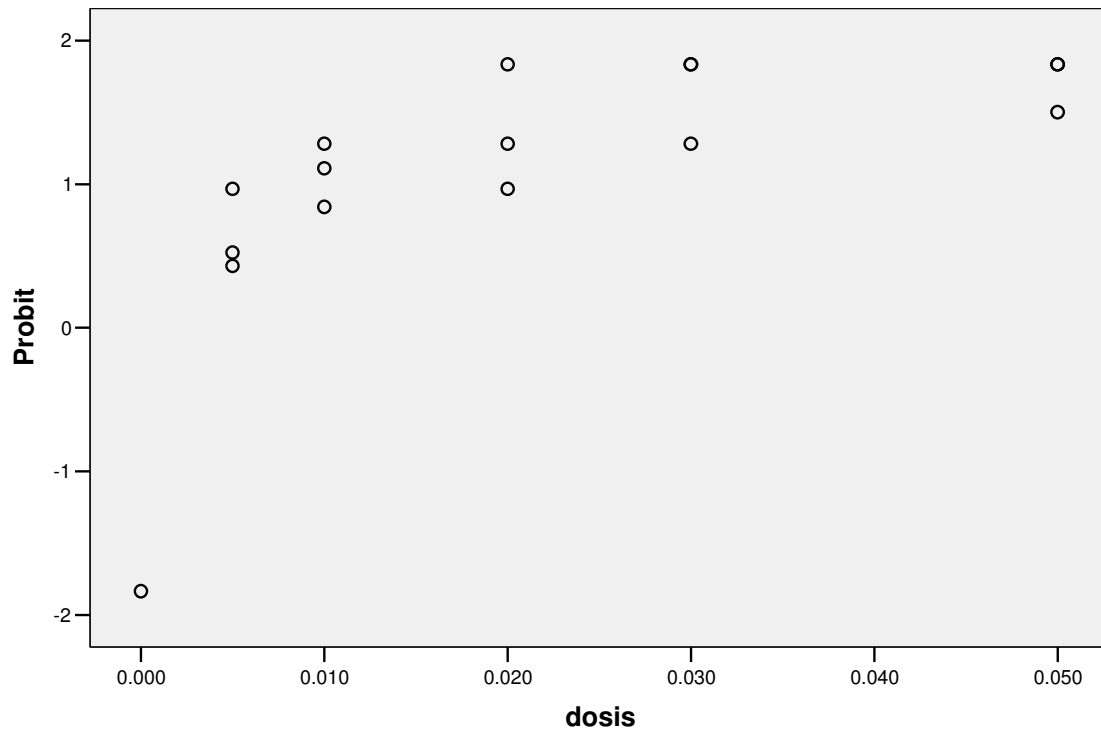
dosis	Number of Subjects	Observed Responses	Expected Responses	Residual	Prob
,01	30,0	25,0	15,760	9,240	,52533
,01	30,0	21,0	15,760	5,240	,52533
,01	30,0	20,0	15,760	4,240	,52533
,01	30,0	26,0	19,424	6,576	,64745
,01	30,0	24,0	19,424	4,576	,64745
,01	30,0	27,0	19,424	7,576	,64745
,02	30,0	25,0	25,300	-,300	,84334
,02	30,0	27,0	25,300	1,700	,84334
,02	30,0	29,0	25,300	3,700	,84334
,03	30,0	27,0	28,479	-1,479	,94930
,03	30,0	29,0	28,479	,521	,94930
,03	30,0	29,0	28,479	,521	,94930
,05	30,0	29,0	29,944	-,944	,99812
,05	30,0	28,0	29,944	-1,944	,99812
,05	30,0	29,0	29,944	-,944	,99812
,07	30,0	30,0	30,000	,000	,99998
,07	30,0	30,0	30,000	,000	,99998
,07	30,0	30,0	30,000	,000	,99998
,10	30,0	30,0	30,000	,000	1,00000
,10	30,0	30,0	30,000	,000	1,00000
,10	30,0	30,0	30,000	,000	1,00000
,00	30,0	,0	12,023	-12,023	,40076
,00	30,0	,0	12,023	-12,023	,40076
,00	30,0	1,0	12,023	-11,023	,40076

***** P R O B I T A N A L Y S I S *****

Confidence Limits for Effective dosis

Prob	dosis	95% Confidence Limits	
		Lower	Upper
,01	-,03294	-,09986	-,01568
,02	-,02862	-,08909	-,01289
,03	-,02587	-,08226	-,01111
,04	-,02381	-,07713	-,00976
,05	-,02212	-,07297	-,00866
,06	-,02069	-,06943	-,00772
,07	-,01944	-,06632	-,00690
,08	-,01832	-,06355	-,00615
,09	-,01730	-,06103	-,00547
,10	-,01636	-,05871	-,00484
,15	-,01246	-,04915	-,00221
,20	-,00937	-,04160	-,00007
,25	-,00672	-,03517	,00182
,30	-,00433	-,02946	,00358
,35	-,00213	-,02423	,00527
,40	-,00003	-,01936	,00697
,45	,00200	-,01476	,00872
,50	,00399	-,01038	,01059
,55	,00599	-,00621	,01268
,60	,00801	-,00227	,01509
,65	,01011	,00140	,01799
,70	,01232	,00478	,02153
,75	,01470	,00786	,02592
,80	,01735	,01075	,03134
,85	,02045	,01364	,03815
,90	,02434	,01682	,04716
,91	,02528	,01754	,04939
,92	,02630	,01831	,05182
,93	,02742	,01915	,05450
,94	,02868	,02006	,05752
,95	,03011	,02108	,06098
,96	,03179	,02226	,06507
,97	,03385	,02369	,07011
,98	,03660	,02556	,07685
,99	,04093	,02845	,08752

Probit Transformed Responses



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