

# LAMPIRAN

PROBIT ANALYSIS

THE INSECT            *Ascaridia galli*  
 THE INSECTICIDE IS   NaCl 0,9% (LT)  
 REPLICATION NUMBER 3  
 DOSSAGE             14     15     16     17     18  
 THE HOURS AFTER EXPOSURE 18

SLOPE, OF LINE (B)= 21.57473 INTERSEPT(A)= -20.64216  
 HETEROGENETY SIG AT LEAST AT 5  
 CHI SQ= 17.57555 CHI SQ TABLE= 7.815 DF= 3

VARIANCE= 2.488519E-04  
 X= .1 LDX= 13.46228  
 95% LIMITS= 12.53717 AND 14.45565

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VARIANCE= 1.194271E-04  
 X= .25 LDX= 14.3641  
 95% LIMITS= 13.67285 AND 15.0903

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VARIANCE= 5.514675E-05  
 X= .5 LDX= 15.43575  
 95% LIMITS= 14.927 AND 15.96183

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VARIANCE= 1.631283E-04  
 X= .9 LDX= 17.69852  
 95% LIMITS= 16.70719 AND 18.74867

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VARIANCE= 2.486591E-04  
 X= .95 LDX= 18.39859  
 95% LIMITS= 17.13474 AND 19.75567

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PROBIT ANALYSIS

THE INSECT                    Ascaridia galli  
 THE INSECTICIDE IS       perasan nanas 5% (LT)  
 REPLICATION NUMBER 3  
 DOSAGE                       6       7       8       9       10       11       12       13  
                                   14  
 THE HOURS AFTER EXPOSURE 14

SLOPE, OF LINE (B)= 5.845616 INTERSEPT(A)= -.9160499  
 HETEROGENEITY SIG AT LEAST AT 5  
 CHI SQ= 14.36554 CHI SQ TABLE= 14.067 DF= 7

VARIANCE= 5.943174E-04  
 X= .1 LDX= 6.205611  
 95% LIMITS= 5.559074 AND 6.927344

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VARIANCE= 2.404238E-04  
 X= .25 LDX= 7.883439  
 95% LIMITS= 7.350633 AND 8.454866

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VARIANCE= 1.274691E-04  
 X= .5 LDX= 10.28132  
 95% LIMITS= 9.770578 AND 10.81877

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VARIANCE= 7.243618E-04  
 X= .9 LDX= 17.03388  
 95% LIMITS= 15.08559 AND 19.2338

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VARIANCE= 1.087239E-03  
 X= .95 LDX= 19.65595  
 95% LIMITS= 16.93817 AND 22.80982

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PROBIT ANALYSIS

THE INSECT                    *Ascaridia galli*  
 THE INSECTICIDE IS   perasan nanas 10% (LT)  
 REPLICATION NUMBER 3  
 DOSAGE                    6        7        8        9        10       11       12  
 THE HOURS AFTER EXPOSURE 12

SLOPE, OF LINE (B)= 7.627471 INTERSEPT(A)= -2.439822  
 HETEROGENETY INSIGNIFICANT, CHI SQUARE= 8.350205  
 DEGREES OF FREEDOM= 5

VARIANCE= 1.908611E-04  
 X= .1 LDX= 6.417357  
 95% LIMITS= 6.029457 AND 6.83021

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VARIANCE= 8.058294E-05  
 X= .25 LDX= 7.709176  
 95% LIMITS= 7.403098 AND 8.027908

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VARIANCE= 4.969965E-05  
 X= .5 LDX= 9.44927  
 95% LIMITS= 9.153362 AND 9.754746

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VARIANCE= 2.564211E-04  
 X= .9 LDX= 13.91363  
 95% LIMITS= 12.94358 AND 14.95637

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VARIANCE= 3.783606E-04  
 X= .95 LDX= 15.52726  
 95% LIMITS= 14.2223 AND 16.95196

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PROBIT ANALYSIS

THE INSECT                    *Ascaridia galli*  
 THE INSECTICIDE IS   perasan nanas 25% (LT)  
 REPLICATION NUMBER 3  
 DOSAGE                    5       6       7       8       9       10  
 THE HOURS AFTER EXPOSURE 10

SLOPE, OF LINE (B)= 5.533029 INTERSEPT(A)= .4494887  
 HETEROGENETY SIG AT LEAST AT 5  
 CHI SQ= 9.896972 CHI SQ TABLE= 9.488 DF= 4

VARIANCE= 2.029587E-03  
 X= .1 LDX= 3.8974  
 95% LIMITS= 3.180352 AND 4.776117

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VARIANCE= 8.601287E-04  
 X= .25 LDX= 5.018544  
 95% LIMITS= 4.396377 AND 5.728759

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VARIANCE= 2.742487E-04  
 X= .5 LDX= 6.643957  
 95% LIMITS= 6.165501 AND 7.159544

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VARIANCE= 1.22567E-03  
 X= .9 LDX= 11.32606  
 95% LIMITS= 9.670745 AND 13.2647

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VARIANCE= 1.988122E-03  
 X= .95 LDX= 13.17565  
 95% LIMITS= 10.77405 AND 16.11259

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PROBIT ANALYSIS

THE INSECT                    *Ascaridia galli*  
 THE INSECTICIDE IS   perasan nanas 50% (LT)  
 REPLICATION NUMBER 3  
 DOSAGE                    3        4        5        6        7  
 THE HOURS AFTER EXPOSURE 7

SLOPE, OF LINE (B)= 6.814307 INTERSEPT(A)= .5547967  
 HETEROGENETY SIG AT LEAST AT 5  
 CHI SQ= 22.16406 CHI SQ TABLE= 7.815 DF= 3

VARIANCE= 2.895226E-03  
 X= .1 LDX= 2.91232  
 95% LIMITS= 2.284424 AND 3.712798  
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VARIANCE= 1.417084E-03  
 X= .25 LDX= 3.575986  
 95% LIMITS= 3.017263 AND 4.238171  
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VARIANCE= 6.992137E-04  
 X= .5 LDX= 4.490906  
 95% LIMITS= 3.985716 AND 5.060129  
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VARIANCE= 2.010562E-03  
 X= .9 LDX= 6.925143  
 95% LIMITS= 5.656448 AND 8.478398  
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VARIANCE= .0030208  
 X= .95 LDX= 7.83015  
 95% LIMITS= 6.110053 AND 10.03449  
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PROBIT ANALYSIS

THE INSECT                    Ascaridia galli  
 THE INSECTICIDE IS       perasan nanas 75% (LT)  
 REPLICATION NUMBER 3  
 DOSAGE            2       3       4       5       6  
 THE HOURS AFTER EXPOSURE 6

SLOPE, OF LINE (B)= 5.098117 .INTERSEPT(A)= 2.457518  
 HETEROGENETY SIG AT LEAST AT 5  
 CHI SQ= 15.10704 CHI SQ TABLE= 7.815 DF= 3

VARIANCE= 4.083022E-03  
 X= .1 LDX= 1.767243  
 95% LIMITS= 1.32451 AND 2.357966

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VARIANCE= 2.038426E-03  
 X= .25 LDX= 2.325231  
 95% LIMITS= 1.896593 AND 2.850743

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VARIANCE= 9.318986E-04  
 X= .5 LDX= 3.152899  
 95% LIMITS= 2.747117 AND 3.618621

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VARIANCE= 2.200461E-03  
 X= .9 LDX= 5.625016  
 95% LIMITS= 4.551787 AND 6.95129

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VARIANCE= 3.364611E-03  
 X= .95 LDX= 6.628594  
 95% LIMITS= 5.10189 AND 8.612153

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PROBIT ANALYSIS

THE INSECT            *Ascaridia galli*  
 THE INSECTICIDE IS perasan nanas 100% (LT)  
 REPLICATION NUMBER 3  
 DOSAGE                1        2        3  
 THE HOURS AFTER EXPOSURE 3

SLOPE, OF LINE (B)= 4.703 INTERSEPT(A)= 4.210195  
 HETEROGENETY SIG AT LEAST AT 5  
 CHI SQ= 13.51051 CHI SQ TABLE= 3.841 DF= 1

VARIANCE= 1.815966E-02  
 X= .1 LDX= .7859601  
 95% LIMITS= .427834 AND 1.443862

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VARIANCE= 9.639399E-03  
 X= .25 LDX= 1.058235  
 95% LIMITS= .679436 AND 1.648223

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VARIANCE= 4.824144E-03  
 X= .5 LDX= 1.472097  
 95% LIMITS= 1.075976 AND 2.01405

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VARIANCE= 9.130252E-03  
 X= .9 LDX= 2.757225  
 95% LIMITS= 1.791388 AND 4.243799

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VARIANCE= 1.356226E-02  
 X= .95 LDX= 3.294275  
 95% LIMITS= 1.947619 AND 5.572062

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PROBIT ANALYSIS

THE INSECT            *Ascaridia galli*  
 THE INSECTICIDE IS   PIRANTEL PAMOATE 0.236%  
 REPLICATION NUMBER 3  
 DOSAGE                30       60       90       120  
 THE HOURS AFTER EXPOSURE 120

SLOPE, OF LINE (B)= 2.714725 INTERSEPT(A)= 7.445526E-02  
 HETEROGENETY SIG AT LEAST AT 5  
 CHI SQ= 12.95163 CHI SQ TABLE= 5.991 DF= 2

VARIANCE= 1.858544E-02  
 X= .1 LDX= 21.99067  
 95% LIMITS= 11.88598 AND 40.68574

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VARIANCE= 9.833949E-03  
 X= .25 LDX= 36.81573  
 95% LIMITS= 23.53247 AND 57.59693

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VARIANCE= 5.395255E-03  
 X= .5 LDX= 65.22001  
 95% LIMITS= 46.81815 AND 90.85474

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VARIANCE= 1.225415E-02  
 X= .9 LDX= 193.4296  
 95% LIMITS= 117.3692 AND 318.7807

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VARIANCE= 1.784826E-02  
 X= .95 LDX= 263.2791  
 95% LIMITS= 144.0673 AND 481.1352

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PROBIT ANALYSIS

THE INSECT                    *Ascaridia galli*  
 THE INSECTICIDE IS   PERASAN NANAS (LD)  
 REPLICATION NUMBER 3  
 DOSAGE                    5        10        25        50        75        100  
 THE HOURS AFTER EXPOSURE 6

SLOPE OF LINE (B)= 2.665287 INTERSEPT(A)= 1.344664  
 HETEROGENETY SIG AT LEAST AT 5  
 CHI SQ= 60.21659 CHI SQ TABLE= 9.488 DF= 4

VARIANCE= 2.936697E-02  
 X= .1 LDX= 7.772505  
 95% LIMITS= 3.586574 AND 16.84388

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VARIANCE= 1.651316E-02  
 X= .25 LDX= 13.13732  
 95% LIMITS= 7.35597 AND 23.46248

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VARIANCE= 9.911168E-03  
 X= .5 LDX= 23.52128  
 95% LIMITS= 15.00837 AND 36.86281

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VARIANCE= 1.958843E-02  
 X= .9 LDX= 71.18049  
 95% LIMITS= 37.8479 AND 133.869

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VARIANCE= 2.763513E-02  
 X= .95 LDX= 97.44011  
 95% LIMITS= 46.01623 AND 206.331

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ONE WAY ANOVA

## DATA BEING LOADED

Trt. 1	Trt. 2	Trt. 3	Trt. 4	Trt. 5	Trt. 6
1	16	15	11	11	6
2	18	14	13	10	7
2	17	14	12	10	7

  

Trt. 7	Trt. 8
5	2
4	3
4	3

Treatment 1	Mean= 1.666667	Std.Dev.= .5773504
Treatment 2	Mean= 17	Std.Dev.= 1
Treatment 3	Mean= 14.33333	Std.Dev.= .5773591
Treatment 4	Mean= 12	Std.Dev.= 1
Treatment 5	Mean= 10.33333	Std.Dev.= .5773459
Treatment 6	Mean= 6.666667	Std.Dev.= .5773525
Treatment 7	Mean= 4.333334	Std.Dev.= .5773508
Treatment 8	Mean= 2.666667	Std.Dev.= .57735

Treatment Sum of Squares	: 669.6248
Degrees of freedom (trt)	: 7
Treatment Mean Squares	: 95.66068

Error Sum of Squares	: 8.000244
Degrees of Freedom (Err)	: 16
Error Mean Squares	: .5000153

The F-value is : 191.3155 with 7 / 16 deg. freedom

Prob > F : <0.0001

## Observations In Treatments Are Equal

Treatment 2	17	1
Treatment 3	14.33333	2
Treatment 4	12	3
Treatment 5	10.33333	4
Treatment 6	6.666667	5
Treatment 7	4.333334	6
Treatment 8	2.666667	7
Treatment 1	1.666667	7

Means which are not significantly different are followed by the same number.  
(Significance level = 0.05)

The LSD at the 5% level is : 1.224001

The LSD at the 1% level is : 1.686466