

## LAMPIRAN

Lampiran A : Perhitungan Konsentrasi Bahan Uji

Daun sendok 20 % = 80 g daun sendok + 320 ml aquadest

Daun sendok 30% = 120 g daun sendok + 280 ml aquadest

Daun sendok 40% = 160 g daun sendok + 240 ml aquadest

Daun sendok 50% = 200 g daun sendok + 200 ml aquadest

## Lampiran B : Perhitungan Data

## Analisis Data : Statistik nonparametrik Chi Kuadrat

## Hasil Percobaan

Kelompok Perlakuan	Jumlah Cacing		
	n	Hidup	Paralisis& Mati
1. Lrt NaCl 0,9%	30	30	0
2. Lrt.Piperazine 20%	30	16	14
3. Jus dn. Sendok 20%	30	24	6
4. Jus dn. Sendok 30%	30	21	9
5. Jus dn. Sendok 40%	30	17	13
6. Jus dn. Sendok 50%	30	11	19

Kelompok Perlakuan	Jumlah Cacing	Hidup (xi)	Peluang (pi)	xi.pi
1. Lrt NaCl 0,9%	30	30	1	30
2. Lrt.Piperazine 20%	30	16	0,533	8,528
3. Jus dn. Sendok 20%	30	24	0,8	19,2
4. Jus dn. Sendok 30%	30	21	0,7	14,7
5. Jus dn. Sendok 40%	30	17	0,567	9,639
6. Jus dn. Sendok 50%	30	11	0,367	4,037

$$n = 180 \quad \sum xi = 119 \quad \sum pi = 3,967 \quad \sum xi.pi = 86,104$$

$$\begin{aligned}
 p &= \frac{\sum xi}{n} \\
 &= \frac{119}{180} \\
 &= 0,661
 \end{aligned}$$

$$\begin{aligned}
 q &= 1 - p \\
 &= 1 - 0,661 \\
 &= 0,339
 \end{aligned}$$

$$\begin{aligned}
 \chi^2 \text{ hitung} &= \frac{(\sum x_i \cdot p_i - p \sum x_i)^2}{pq} \\
 &= \frac{(86,104 - 0,661 \cdot 119)^2}{0,661 \cdot 0,339} \\
 &= \frac{(86,104 - 78,659)^2}{0,224} \\
 &= 33,23
 \end{aligned}$$

$$df = \sum \text{perlakuan} - 1 = 6 - 1 = 5$$

$$\chi^2 \text{ tabel} = \chi^2(0,05;5) = 11,071$$

$$\chi^2 \text{ hitung} > \chi^2 \text{ tabel} \longrightarrow \text{tolak } H_0$$

## Analysis of Single Table

+ Disease -

30	0	30
16	14	30
24	6	30
21	9	30
17	13	30
11	19	30
119	61	180

← exposure →

Chi Square = 33,15

degrees of freedom

 $p$  value = 0,0000035 $p$  output < 0,05 →  $H_0$  ditolak

## **RIWAYAT HIDUP**

Nama : Titiek Indah Wulaningsih  
Nomor Pokok Mahasiswa : 0110101  
Alamat : Jl. Sukamekar 1 no 9 Bandung  
Riwayat Pendidikan :  
SDN Jati 1, Sragen, 1995  
SLTPN 1, Surakarta, 1998  
SMUN 3, Surakarta, 2001  
Mahasiswa Fakultas Kedokteran Universitas Kristen Maranatha, 2001-  
sekarang