

## LAMPIRAN

### Perhitungan Data

#### Hasil Percobaan

Kelompok Perlakuan	N	Jumlah Cacing hidup	Paralisis & mati
Larutan NaCl 0,9%	30	30	-
Larutan Piperazin 20%	30	3	27
Infusa daun pare 10%	30	29	1
Infusa daun pare 15%	30	28	2
Infusa daun pare 20%	30	26	4
Infusa daun pare 40%	30	27	3
Infusa daun pare 80%	30	28	2

#### Analisis Data

	Hidup	Mati	n
10	29 $\frac{138 \times 30}{150}$ = 27,6	1 $\frac{30 \times 12}{150}$ = 2,4	30
15	28 $\frac{138 \times 30}{150}$ = 27,6	2 $\frac{30 \times 12}{150}$ = 2,4	30
20	26 $\frac{138 \times 30}{150}$ = 27,6	4 $\frac{30 \times 12}{150}$ = 2,4	30
40	27 $\frac{138 \times 30}{150}$ = 27,6	3 $\frac{30 \times 12}{150}$ = 2,4	30

80	28	$\frac{138 \times 30}{150}$ = 27,6	2	$\frac{30 \times 12}{150}$ = 2,4	30
		138		12	150

$$\chi^2 \text{ hitung} = \sum \frac{(O - E)^2}{E} =$$

$$\begin{aligned} \chi^2 &= \frac{(29 - 27,6)^2}{27,6} + \frac{(1 - 2,4)^2}{2,4} + \frac{(28 - 27,6)^2}{27,6} + \frac{(2 - 2,4)^2}{2,4} + \frac{(26 - 27,6)^2}{27,6} + \frac{(4 - 2,4)^2}{2,4} + \\ &\quad \frac{(27 - 27,6)^2}{27,6} + \frac{(3 - 2,4)^2}{2,4} + \frac{(28 - 27,6)^2}{27,6} + \frac{(2 - 2,4)^2}{2,4} \\ &= 0,071 + 0,817 + 0,006 + 0,067 + 0,093 + 1,067 + 0,013 + 0,15 + 0,006 + \\ &\quad 0,067 \\ &= 2,357 \end{aligned}$$

$$df = (r - 1) (c - 1) = (5 - 1) (2 - 1) = 4$$

$$\chi^2 \text{ tabel} = \chi^2 (0,05 ; 4) = 9,488$$

$$\chi^2 \text{ hitung} < \chi^2 \text{ tabel} = \text{terima } H_0$$