



Mi Universidad

Ensayo

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Nombre del tema: VALOR DE CHI

Parcial: CUARTO PARCIAL

Nombre de la Materia: BIOESTADISTICA

Nombre del profesor: ANDRES ALEJANDRO REYES MOLINA

Nombre de la Licenciatura: LIC. ENFERMERIA

Cuatrimestre: CUARTO CUATRIMSTRE

	Mucha reaccion	Poca reaccion	Nada reaccion	Total
Paracetamol	23	5	25	53
Ibu Profeno	15	10	26	51
ketorolaco	10	3	30	43
Naproxeno	10	20	20	50
Total	58	38	101	197

$$\frac{53 \times 58}{197} = \frac{3.074}{197} = 15.60$$

$$\frac{51 \times 58}{197} = \frac{2.958}{197} = 15.01$$

$$\frac{43 \times 58}{197} = \frac{2.494}{197} = 12.65$$

$$\frac{50 \times 58}{197} = \frac{2.900}{197} = 14.72$$

$$\frac{53 \times 38}{197} = \frac{2.014}{197} = 10.22$$

$$\frac{51 \times 38}{197} = \frac{1.938}{197} = 9.83$$

$$\frac{43 \times 38}{197} = \frac{1.634}{197} = 8.29$$

$$\frac{50 \times 38}{197} = \frac{1.900}{197} = 9.64$$

$$R = \frac{(23-15.60)^2}{15.60} + \frac{(5-15.01)^2}{15.01} + \frac{(10-12.65)^2}{12.65} + \frac{(10-14.72)^2}{14.72}$$

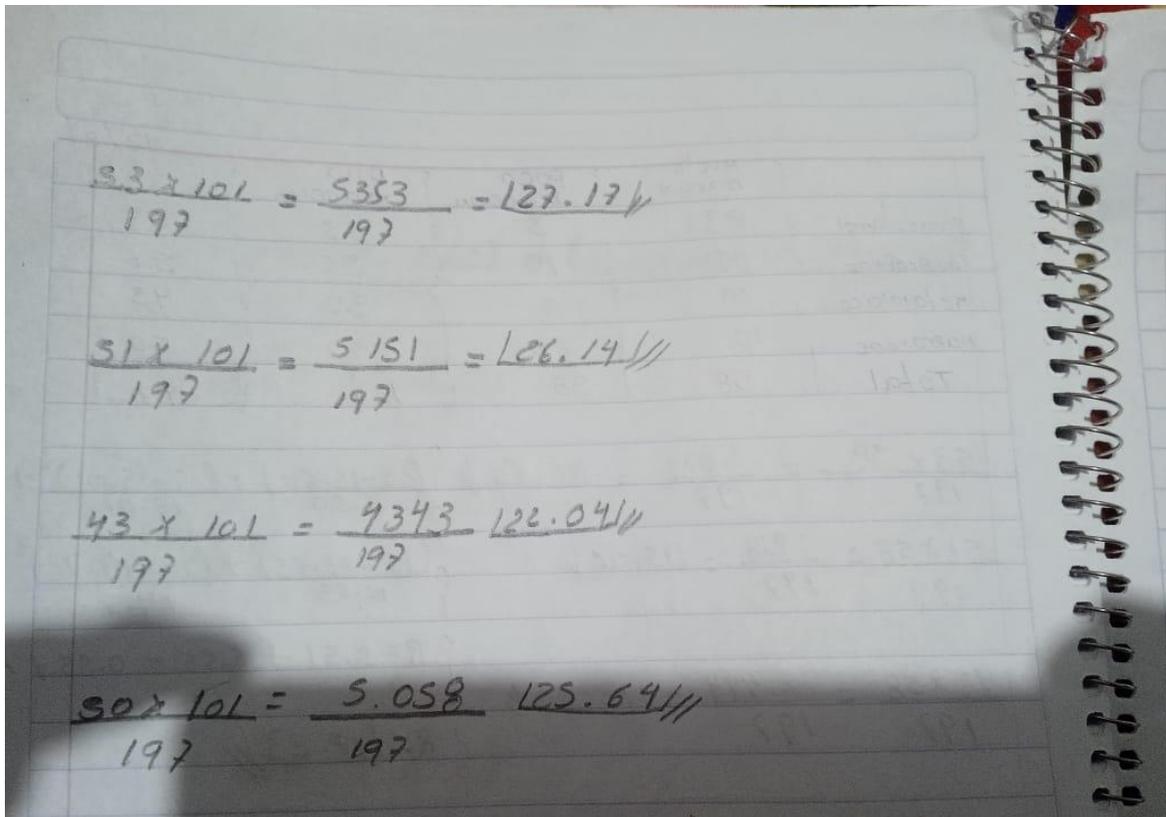
$$R = 3.51 + 6.66 + 0.55 + 1.51$$

$$R = 12.23$$

$$R = \frac{(5-10.22)^2}{10.22} + \frac{(10-9.83)^2}{9.83} + \frac{(3-8.29)^2}{8.29} + \frac{(20-9.64)^2}{9.64}$$

$$R = 2.66 + 0.02 + 3.37 + 11.13$$

$$R = 17.16$$



$$\chi^2 = \frac{(23-15.60)^2}{15.60} + \frac{(5-10.22)^2}{10.22} + \frac{(25-27.17)^2}{27.17} + \frac{(15-15.01)^2}{15.01} + \frac{(10-14.72)^2}{14.72}$$

$$\frac{(26-26.14)^2}{26.14} + \frac{(10-12.65)^2}{12.65} + \frac{(3-8.29)^2}{8.29} + \frac{(30-22.04)^2}{22.04} +$$

$$\frac{(10-14.72)^2}{14.72} + \frac{(20-9.64)^2}{9.64} + \frac{(20-25.63)^2}{25.63} =$$

$$\chi^2 = 3.51 + 2.66 + 0.17 + 0.00 + 0.02 + 0.07 + 0.55 + 3.37 + 2.87 + 14.04 + 11.13 + 1.23 = \underline{39.62}$$

$$v = (3-1)(4-1)$$

$$v = 2 \cdot 3$$

$$v = 6, 0, 05 \quad \chi^2 \text{ tabla } 12, 592$$

H1