



Nombre del Alumno: Andrea Ochoa Alvarado

Nombre del tema: CHI cuadrado

Parcial: 4

Nombre de la Materia: Bioestadística

Nombre del profesor: Andrés Alejandro Reyes Molina

Nombre de la Licenciatura: Enfermería

Cuatrimestre: 4

	Mucha reaccion	Poca reaccion	Nada reaccion
Paracetamol	22	5	25
Ibuprofeno	15	10	26
Ketorolaco	10	3	30
Naproxeno	10	20	20
Total:	58	38	101

Datos esperados:

$\frac{53 \times 58}{197}$	$= \frac{3074}{197}$	$= 15.601$	$\frac{53 \times 38}{197}$	$= \frac{2014}{197}$	$= 10.22$
$\frac{51 \times 58}{197}$	$= \frac{2958}{197}$	$= 15.011$	$\frac{51 \times 38}{197}$	$= \frac{1938}{197}$	$= 9.83$
$\frac{43 \times 58}{197}$	$= \frac{2497}{197}$	$= 12.651$	$\frac{43 \times 38}{197}$	$= \frac{1634}{197}$	$= 8.29$
$\frac{50 \times 58}{197}$	$= \frac{2900}{197}$	$= 14.721$	$\frac{50 \times 38}{197}$	$= \frac{1900}{197}$	$= 9.64$

$$\frac{53 \times 101}{197} = \frac{5353}{197} = 27.17$$

$$\frac{51 \times 101}{197} = \frac{5151}{197} = 26.14$$

$$\frac{43 \times 101}{197} = \frac{4343}{197} = 22.04$$

$$\frac{50 \times 101}{197} = \frac{5050}{197} = 25.63$$

$$11.13 + 0.17 + 0.00$$

$$2.87 + 1.23 = 2.71$$

$$X^2 = 25$$

$$Y_1 = 0.05$$

$$X^2 + 9.610 = 12.5921$$

χ^2

$$(23 - 15.60)^2 + (15 - 15.01)^2$$

$$\frac{15.60}{15.01}$$

$$(10 - 12.65)^2 + (10 - 14.72)^2$$

$$\frac{12.65}{14.72}$$

$$(5 - 10.22)^2 + (10 - 9.83)^2$$

$$\frac{10.22}{9.83}$$

$$(3 - 8.29)^2 + (20 - 9.64)^2$$

$$\frac{8.29}{9.64}$$

$$(25 - 27.17)^2 + (26 - 26.14)^2$$

$$\frac{27.17}{26.14}$$

$$(30 - 22.04)^2 + (20 - 25.63)^2$$

$$\frac{22.04}{25.63}$$

$$X^2 = 3.51 + 0.00 + 0.55 +$$

$$1.51 + 2.66 + 0.00 + 3.37$$

$X^2 > X^2 = H_1$

$$v = (C-1) \cdot (F-1)$$

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

$$v = 2 \cdot 3$$

$$v = 6$$

$$R = (6,005)$$

$$X^2 > X^2 + 9.610 = H_0$$