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Nombre del profesora: Dr.

Nombre del trabajo:

Materia: inmunología .

Grado: 4 Grupo: "A"



|           | Melicos | Algodones | Muebles | Amis de Casa | Total |
|-----------|---------|-----------|---------|--------------|-------|
| Felices   | 283     | 376       | 487     | 687          | 1834  |
| Infelices | 263     | 524.40    | 284.551 | 745.28       | 1531  |
| Total     | 550     | 595       | 773     | 1456         | 3371  |

$287 \rightarrow (1834 \times 550) / 3373 = 299.86$   
 $376 \rightarrow (1834 \times 595) / 3373 = 324.40$   
 $489 \rightarrow (1834 \times 773) / 3373 = 421.44$   
 $687 \rightarrow (1834 \times 1455) / 3373 = 793.28$   
 $263 \rightarrow (1534 \times 550) / 3373 = 250.13$   
 $219 \rightarrow (1534 \times 595) / 3373 = 276.54$

Paralel

$$\chi^2 \sum = \frac{(287 - 299.86)^2}{299.86} + \frac{(376 - 324.40)^2}{324.40} + \frac{(489 - 421.44)^2}{421.44}$$

$$\chi^2 \sum = \frac{(-12.86)^2}{299.86} + \frac{(51.6)^2}{324.40} + \frac{(67.56)^2}{421.44}$$

$$\chi^2 \sum = \frac{165.37}{299.86} + \frac{2662.56}{324.40}$$

$$+ \frac{4564.35}{421.44}$$

$$+ \frac{11295.93}{793.28}$$

$$+ \frac{165.63}{250.13}$$

$$+ \frac{2661.52}{270.59}$$

$$+ \frac{4563.00}{351.55}$$

$$+ \frac{11149}{661.71}$$

$$\frac{(-106.28)^2}{793.28}$$

$$+ \frac{(12.87)^2}{250.13}$$

$$+ \frac{(-51.59)^2}{270.59}$$

$$+ \frac{(67.55)^2}{351.55}$$

$$+ \frac{(107)^2}{661.71}$$

$$\frac{(687 - 793.28)^2}{793.28}$$

$$+ \frac{(263 - 250.13)^2}{250.13}$$

$$+ \frac{(219 - 270.59)^2}{270.59}$$

$$+ \frac{(284 - 351.55)^2}{351.55}$$

$$+ \frac{(768 - 661.71)^2}{661.71}$$

$$\chi^2 \sum = 0.55 + 8.20 + 10.83 + 11.23 + 0.66 + 9.83 + 12.97 + 17.30$$

$$\chi^2 \sum = 74.57$$

28/10/2021

|         | Paraleloul          | Naproxen            | Diclofenac          | Nimesulida      | Olac                | Total   |
|---------|---------------------|---------------------|---------------------|-----------------|---------------------|---------|
| Aciones | 876<br>396.82       | 189<br>728.13       | 245<br>191.00       | 78<br>144.25    | 246<br>171.78       | 1.632   |
| Olac    | 25.698<br>26.177.17 | 48.572<br>48.032.86 | 12.546<br>12.599.99 | 9584<br>9515.74 | 11.258<br>11.332.21 | 107.658 |
| Total   | 26.574              | 48.761              | 12.791              | 9660            | 11.504              | 109.290 |

$$f_{876} \rightarrow (1.632 \times 26.574) / 109.290 = 396.82$$

$$f_{189} \rightarrow (1.632 \times 48.761) / 109.290 = 728.13$$

$$f_{245} \rightarrow (1.632 \times 12.791) / 109.290 = 191.00$$

$$f_{78} \rightarrow (1.632 \times 9660) / 109.290 = 144.25$$

$$f_{246} \rightarrow (1.632 \times 11.504) / 109.290 = 171.78$$

$$f_{25698} \rightarrow (107.658 \times 26.574) / 109.290 = 26.177.17$$

$$f_{48572} \rightarrow (107.658 \times 48.761) / 109.290 = 48.032.86$$

$$f_{12546} \rightarrow (107.658 \times 12.791) / 109.290 = 12.599.99$$

$$f_{9584} \rightarrow (107.658 \times 9660) / 109.290 = 9515.74$$

$$f_{11258} \rightarrow (107.658 \times 11.504) / 109.290 = 11.332.21$$