

H0: No existe relación entre la sobre medicación con el grupo etario

H1: Si existe relación entre la Sobremedicación con el grupo etario

	Paracetamol	Naproxeno	Diclofenaco	Nimesulida	Otros	Total
Antiguos	876 396.82	189 728.13	245 191.00	76 144.25	246 171.78	1,632
Otros	25,698 26,177.17	48,572 48,732.86	12,546 12,579.99	9,584 9,515.79	11,258 11,332	107,658
Total	26,574	48,761	12,791	9,660	11,504	109,290

- ff 876 $(1,632 \cdot 26,574) / 109,290 = 396.82$
- ff 189 $(1,632 \cdot 48,761) / 109,290 = 728.13$
- ff 245 $(1,632 \cdot 12,791) / 109,290 = 191.00$
- ff 76 $(1,632 \cdot 9,660) / 109,290 = 144.25$
- ff 246 $(1,632 \cdot 11,504) / 109,290 = 171.78$
- ff 25,698 $(107,658 \cdot 26,574) / 109,290 = 26,177.17$
- ff 48,572 $(48,761 \cdot 107,658) / 109,290 = 48,732.86$
- ff 12,546 $(12,791 \cdot 107,658) / 109,290 = 12,579.99$
- ff 9,584 $(9,660 \cdot 107,658) / 109,290 = 9,515.79$
- ff 11,258 $(11,504 \cdot 107,658) / 109,290 = 11,332$

$$\chi_{1,2}^2 = \sum \frac{(876 - 396.82)^2}{396.82}$$

$$\chi_{1,2}^2 = \sum \frac{(479.18)^2}{396.82}$$

$$\chi_{1,2}^2 = \frac{(229,613.47)}{396.82}$$

$$\chi_{1,2}^2 = 578.63$$

$$\chi_{1,2}^2 = \sum \frac{(76 - 144.25)^2}{144.25}$$

$$\chi_{1,2}^2 = \sum \frac{(68.25)^2}{144.25}$$

$$\chi_{1,2}^2 = \frac{9,658.06}{144.25}$$

$$\chi_{1,2}^2 = 32.29$$

$$\chi_{1,2}^2 = \sum \frac{(189 - 728.13)^2}{728.13}$$

$$\chi_{1,2}^2 = \sum \frac{(539.13)^2}{728.13}$$

$$\chi_{1,2}^2 = \frac{270,661.15}{728.13}$$

$$\chi_{1,2}^2 = 399.18$$

$$\chi_{1,2}^2 = \sum \frac{(245 - 191)^2}{191}$$

$$\chi_{1,2}^2 = \sum \frac{(54)^2}{191}$$

$$\chi_{1,2}^2 = 399$$

$$\chi_{1,2}^2 = 1078.43$$