



Universidad del Sureste
Licenciatura en Medicina Humana

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**Nombre del trabajo: Ejercicios de Chi² a
computadora**

Materia: Diseño Experimental

Grado: 4°

Grupo: "A"

Comitán de Domínguez Chiapas a 13 de mayo del 2021.

876 25,698 26,574
396.82 26,177.17

189 48,572 48,761
728.13 48,032.86

245 12,546 12,790
191 12,599.99

76 9,584 9,660
144.25 9,515.74

246 11,258 11,504
171.78 11,332.21

1632 107,658 109,290

Grado de
libertad = 4

$\chi^2 = 1,073.43$

$$\frac{(876 - 396.82)^2}{396.82} = 578.63$$

$$\frac{(25,698 - 26,177.17)^2}{26,177.17} = 8.77$$

$$\frac{(189 - 728.13)^2}{728.13} = 399.18$$

$$\frac{(48,572 - 48,032.86)^2}{48,032.86} = 6.05$$

$$\frac{(245 - 191)^2}{191} = 15.26$$

$$\frac{(12,546 - 12,599.99)^2}{12,599.99} = 0.23$$

$$\frac{(76 - 144.25)^2}{144.25} = 32.29$$

$$\frac{(9,584 - 9,515.74)^2}{9,515.74} = 0.48$$

$$\frac{(246 - 171.78)^2}{171.78} = 32.06$$

$$\frac{(11,258 - 11,332.21)^2}{11,332.21} = 0.48$$

	Médicos	Abogados	Maestros	Ames del C.	Total
Felices	263 236.92	219 256.31	284 332.98	687 626.77	1453
Infelices	287 313.07	376 338.68	489 440.01	768 828.22	1920
Total	550	595	773	1455	3373

$$\frac{(263 - 236.92)^2}{236.92} = 2.87$$

$$\frac{(287 - 313.07)^2}{313.07} = 2.17$$

$$\frac{(219 - 256.31)^2}{256.31} = 5.43$$

$$\frac{(376 - 338.68)^2}{338.68} = 4.11$$

$$\frac{(284 - 332.98)^2}{332.98} = 7.20$$

$$\frac{(489 - 440.01)^2}{440.01} = 5.45$$

$$\frac{(687 - 626.77)^2}{626.77} = 5.78$$

$$\frac{(768 - 828.22)^2}{828.22} = 4.37$$

$$\chi^2 = 37.38$$

Grado de Libertad = 2