



**Nombre de alumno: César Abraham Morales Pérez**

**Nombre del profesor: Jorge Enrique Albores**

**Nombre del trabajo: EJERCICIOS DE BIOESTADÍSTICA**

**Materia: Bioestadística**

**Grado: 4 cuatrimestre**

**Grupo: B**

Comitán de Domínguez Chiapas a 01 de noviembre del 2020.

50 49 25 50 47  
 29 46 34 48 25  
 20 33 49 40 33  
 31 39 43 43 35  
 28 23 20 44 31

• Rango =  $\frac{\text{No. Mayor} - \text{No. Menor}}{\text{No. Intervalos}}$

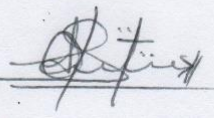
Rango =  $\frac{50 - 20}{6} = \frac{30}{6} = 5 //$

Intervalo	$f_i$	% $f_i$	$f_{ia}$	% $f_{ia}$	$\bar{x}_i$	$f_i \bar{x}_i$
20 - 25	## 3	12%	3	12%	22.5	67.5
25 - 30	### 4	16%	7	28%	27.5	110
30 - 35	#### 5	20%	12	48%	32.5	162.5
35 - 40	# 2	8%	14	56%	37.5	75
40 - 45	### 4	16%	18	72%	42.5	170
45 - 50	##### 7	28%	25	100%	47.5	332.5

$\sum f_i = 25$

$\sum f_i \bar{x}_i = 917.5$

$\bar{x}_i^2$	$f_i \bar{x}_i^2$
506.25	1,518.75
756.25	3,025
1,056.25	5,281.25
1,406.25	2,812.5
1,806.25	7,225
2,256.25	15,793.75

César Abraham Morales Pérez 



80 75 71 80 71 44  
 38 56 80 42 68 45  
 70 40 75 44 53 54  
 78 42 66 45 64 58  
 55 56 73 56 41 64  
 38 67 79 49 44 38

$$\text{Rango} = \frac{\text{No. Mayor} - \text{No. menor}}{\text{No. Intervalos}}$$

$$\text{Rango} = \frac{80 - 38}{7} = \frac{42}{7} = 6 //$$

Intervalo	f <sub>i</sub>	% f <sub>i</sub>	f <sub>ia</sub>	% f <sub>ia</sub>	$\bar{x}_i$	f <sub>i</sub> $\bar{x}_i$
38 - 44	##### 8	22.22%	8	22.22%	41	328
44 - 50	#### 5	13.88%	13	36.11%	47	235
50 - 56	### 3	8.33%	16	44.44%	53	159
56 - 62	### 4	11.11%	20	55.55%	59	236
62 - 68	### 4	11.11%	24	66.66%	65	260
68 - 74	#### 5	13.88%	29	80.55%	71	355
74 - 80	##### 7	19.44%	36	100%	77	539

$$\sum f_i = 36$$

$$\sum f_i \bar{x}_i = 2,112$$

$\bar{x}_i^2$	f <sub>i</sub> $\bar{x}_i^2$
1,681	13,448
2,209	11,045
2,809	8,427
3,481	13,924
4,225	16,900
5,041	25,205
5,929	41,503

César Abraham Morales Pérez 