

# Tarea no. 07

| LA     | XS    | f  | fXS     | 101X-X1 | (d)    | 1X-X1/2 | f1X-X1/2 | 1X-X1/3   |
|--------|-------|----|---------|---------|--------|---------|----------|-----------|
| 59-68  | 63.5  | 4  | 254     | 21.08   | 84.32  | 444.37  | 1,777.48 | 9,367.24  |
| 69-78  | 73.5  | 8  | 588     | 11.08   | 88.64  | 122.77  | 982.16   | 10882.0   |
| 79-88  | 83.5  | 18 | 1,503   | 1.08    | 19.44  | 1.17    | 21.06    | 1.26      |
| 89-98  | 93.5  | 11 | 1,028.5 | -8.92   | -98.12 | 79.57   | 875.27   | -709.73   |
| 99-108 | 103.5 | 5  | 517.5   | -18.92  | -94.6  | 352.97  | 1789.85  | -6,772.73 |
|        |       | 46 | 3,891   |         | -0.32  |         | 5,445.82 |           |

| f1X-X1/3   | 1X-X1/4      | 61X-X1/4   | 1X-X1/5       | f1X-X1/5       |
|------------|--------------|------------|---------------|----------------|
| 37,468.96  | 197,461.49   | 789,895.96 | 4,162,488.36  | 16,609,933.44  |
| 10,882.00  | 15071.58     | 120,572.64 | 166,993.21    | 1,335,945.68   |
| 22.68      | 1.36         | 24.48      | 1.46          | 26.28          |
| -7,807.63  | 6,330.81     | 69,638.91  | -56,470.84    | -621,179.24    |
| -33,863.65 | 128,139.95   | 640,699.75 | -2,424,407.73 | -12,122,098.65 |
|            | 1,620,781.74 |            |               | 5,240,207.51   |

Verbo

## Momentos

$$M_2 = \frac{5,445.82}{46} = R/118.38$$

$$M_3 = \frac{6,702.96}{46} = R/145.72$$

$$M_4 = \frac{1,620,781.74}{46} = R/35,234.38$$

$$M_5 = \frac{5,240,707.51}{46} = R/113,928.43$$

## Coefficientes

$$B_1 = \frac{145.72^2}{118.38^3} = \frac{21,234.32}{1,658,956.53} = R/0.01$$

$$B_2 = \frac{35,234.38}{118.38^2} = \frac{35,234.38}{14,013.82} = R/2.52$$

R/ 2.52 la Corón es es  
Plástico

Aritmética Media.

$$\frac{3,891}{46} = \text{PM } 84.58$$

Desviación Media.

$$\text{DM} = \frac{0.32}{46} = \text{PM } 0.006$$

Desviación Estándar.

$$S\sqrt{\frac{5,445.82}{46}} \quad S\sqrt{118.38} \quad \text{PM } 10.88$$

$$V = \frac{S}{X} \cdot 100$$

$$V = \frac{10.88}{84.58} \cdot 100$$

$$V = 0.13 \cdot 100$$

PM 13% la media es bastante representativa.