

Danilo Martínez- Tarea 2- Bloque 2- Estadística

Tarea 2 - Bloque 2 - DANILLO MARTÍNEZ

Calcular el $\bar{x}$ y DM de las tablas.

X	F	FA	Fx	$ d = x - \bar{x} $	F $ d $
15	4	4	60	1.81	7.24
16	10	14	160	0.81	8.1
17	14	28	238	0.19	2.66
18	7	35	126	1.19	8.33
19	2	37	38	2.19	4.38

$\sum N = 37$ $\sum Fx = 622$ $\sum F|d| = 30.71$

$\bar{x} = \frac{622}{37} = 16.81$ $DM = \frac{30.71}{37} = 0.83$

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Tabla 2

X	F	FA	XS	Fxs	$ d = x - \bar{x} $	F $ d $
61-70	5	5	66	330	17.06	85.3
71-80	10	15	75.5	755	7.56	75.6
81-90	15	30	85.5	1282.5	2.44	36.6
91-100	10	40	95.5	955	12.44	124.4

$\sum F = 40$ $\sum Fxs = 3322.5$ $\sum F|d| = 321.9$

$\bar{x} = \frac{3322.5}{40} = 83.06$ $DM = \frac{321.9}{40} = 8.05$