

IPRAM

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Grado y Carrera: 5.to Admón

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ESTADÍSTICA II

Actividad #7

11/06/2021

Puntos en legislación fiscal

L. A	XS	F	F XS	d = XS - $\bar{x}$	(XS - $\bar{x}$) ²	F(XS - $\bar{x}$) ²
59 - 68	63.5	4	254	-21.09	444.79	1,779.16
69 - 78	73.5	8	588	-11.09	122.99	983.02
79 - 88	83.5	18	1,503	-1.09	1.19	21.42
89 - 98	93.5	11	1,028.5	8.91	79.39	873.29
99 - 108	103.5	5	517.5	18.91	357.59	1,787.95
		46	3891		5,445.74	

(XS - $\bar{x}$) ³	F(XS - $\bar{x}$) ³	(XS - $\bar{x}$) ⁴	F(XS - $\bar{x}$) ⁴	(XS - $\bar{x}$) ⁵	F(XS - $\bar{x}$) ⁵
-9,381.58	-37,522.32	197,836.45	791,345.80	-4,172,370.81	-16,689,483.24
-1,363.94	-10,911.52	15,126.07	121,008.56	-167,748.15	-1,341,985.20
-1.30	-23.40	1.41	25.38	-1.54	-27.72
707.35	7,780.85	6,302.47	69,327.17	56,155.01	617,705.11
6,761.99	33,809.95	127,819.25	639,346.25	2,418,007.50	12,090,037.50
	-6,866.44		1,621,053.16		-5,323,753.55

$$\bar{x} = \frac{3891}{46} = 84.59$$

$$U2 = \frac{5,445.74}{46} = 118.39$$

$$U3 = \frac{-6,866.44}{46} = -149.27$$

$$U4 = \frac{1,621,053.16}{46} = 35,240.29$$

$$U5 = \frac{-5,323,753.55}{46} = -115,733.77$$

$$B1 = \frac{U3^2}{U2^3} = \frac{-149.27^2}{118.39^3} = \frac{22,281.53}{14,016.19} = 0.01$$

$$B2 = \frac{U4}{U2^2} = \frac{35,240.29}{118.39^2} = \frac{35,240.29}{14,016.19} = 2.51$$

Aplicar momentos de orden h=2 hasta h=5 y relacionar el tipo de sustitución

Shirley Alvarado

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11 06 21

sin porcentaje