

Universidad Católica de Honduras
Campus “Sagrado Corazón de Jesús”



Control Estadístico de la Calidad

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Tabla # 1

5.0	5.4	7.1	7.0	5.5	4.4	5.4	6.6	7.1	4.2
4.1	3.0	5.7	6.7	6.8	4.7	7.1	3.2	5.7	4.1
5.5	7.9	2.0	5.4	2.9	5.3	7.4	5.1	6.9	7.5
3.2	3.9	5.9	3.6	4.0	2.3	8.9	5.8	5.8	6.4
7.7	3.9	5.8	5.9	1.7	3.2	6.8	7.0	5.4	5.6
4.5	6.5	4.1	7.5	6.8	4.3	5.9	3.1	8.3	5.4
4.7	6.3	6.0	3.1	4.8					

$$\bar{x} = 5.3661 \approx \underline{5.37} \quad \sigma = 1.6059 \approx \underline{1.61}$$

Tabla # 2

78	78	82	85	81	86	80	73	84	78
68	84	75	78	76	76	82	85	91	80
70	87	77	82	84	48	49	39	39	43
35	42	34	44	49	34	30	43	31	34
41	42	45	42	35	38	39	42	43	29

$$\bar{x} = 59.8/ \quad \sigma = 20.9131 \approx \underline{20.91}$$

Tabla # 3

3.49	3.59	3.69	3.42	3.31	3.6	3.58	3.52
3.04	3.69	3.48	3.66	3.57	3.51	3.61	4.0
3.4	3.53	3.61	3.61	3.24	3.63	3.61	3.51
3.5	3.57	3.53	3.67	3.51	3.24	3.70	3.70
3.50	4.40	3.58	3.20	3.15	3.60	3.50	3.60
3.08	3.28	3.60	3.35	3.32	3.20		

$$\bar{x} = 3.5147 \approx \underline{3.51} \quad \sigma = 0.2273 \approx \underline{0.23}$$

Tabla # 4

740	759	740	751	751	751	750	757	744	752
738	743	748	742	761	765	754	733	753	752
751	758	747	753	746	753	766	751	750	744

$$\bar{x} = 750.1$$

$$s = 7.5248 \approx 7.52$$