

# ANEXO UNO

Análisis estadístico de las poblaciones iniciales de Pseudomonas solanacea-  
rum E.F. Smith (0 horas).

Tratamiento	1	2	3	$\bar{x}$	Total
I	1.6	4.3	2.9	2.96	8.88
II.1	3.2	2.8	3.1	3.03	9.10
II.2	7.5	4.1	6.3	5.96	17.90
II.3	4.6	6.1	3.7	4.80	14.40
II.4	9.4	5.6	6.7	7.30	21.70
					71.98

$$SC_{total} = \frac{1.6^2}{1} + \dots + \frac{6.7^2}{1} - \frac{71.98^2}{15} = 398.06 - 344.94 = 53.12$$

$$SC_{entre\ trat.} = \frac{8.88^2}{3} + \dots + \frac{21.70^2}{3} - \frac{71.98^2}{15} = 386.77 - 344.94 = 41.83$$

$$SC_{error} = 53.12 - 41.83 = 11.29$$

## ANALISIS DE LA VARIANCIA

Fuente de Variación	S.C.	C.M.	G.L.
Entre tratamientos	41.83	10.45	4
Dentro (Error)	11.29	6.66	10
Total	53.12	3.79	14

$$S_x = \sqrt{\frac{CMe}{No. \text{ repl.}}} = \sqrt{\frac{6.66}{3}} = 1.49$$

P	2	3	4	5
A.E.S.	3.93	4.01	4.02	4.02
$\bar{x}$				
Sx				
A.L.S.	5.85	5.97	5.98	5.98
I	II.1	II.3	II.2	II.4
2.96	3.03	4.80	5.96	7.30