LSD = $T\frac{\alpha}{2}, N(Grados\ de\ libertad\ del\ error) - k\ \frac{\sqrt{2cme}}{n(cantidad\ de\ valores\ \ por\ entratamientos)}$

N = Total -1

K = Total trat – 1

1. $N1^2 + N2^2+N3^2$… **= Suma.cuadrados(B2:G5),** **= Sumsq(B2:G5)**
2. $(N1+N2+N3…)^2$ / total **= Suma(B2:G5)^2 / Contar(B2:G5)**
3. **SSTotal** = paso1 – paso2
4. **$Trat_n$** = $(N1+N2+N3…)^2$ / Total num en el trat **= Suma(B2:G5)^2 / Contar(B2:g2)**
5. ($Trat_1$ + $Trat_2$…)
6. **SSTrat =** punto 5 – punto 2
7. **Fcrit =** Inv.F(0.95, glbTrat, glbError), **F.inv(0.95, glbTrat, glbError)**

FV	SC	GL	CM	F_0	Valor-p
Tratamientos	$SC_{TRAT} = \sum_{i=1}^{k} \frac{Y_{i\bullet}^2}{n_i} - \frac{Y_{\bullet\bullet}^2}{N}$	$k-1$	$CM_{TRAT} = \frac{SC_{TRAT}}{k-1}$	$\frac{CM_{TRAT}}{CM_E}$	$P(F > F_0)$
Error	$SC_E = SC_T - SC_{TRAT}$	$N-k$	$CM_E = \frac{SC_E}{N-k}$		
Total	$SC_T = \sum_{i=1}^{k} \sum_{j=1}^{n_i} Y_{ij}^2 - \frac{Y_{\bullet\bullet}^2}{N}$	$N-1$			

Se rechaza la Ho si el $p - valor < \alpha$

PValor = 1- Distr.F.n (F, glbTrat, glbError,1) **1-F.Dist(f, glbTrat, glbError, 1)**

Nivel de confianza = 1- p valor