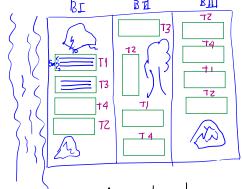
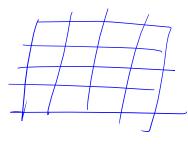
Trat > drocs, choc2, choc3, choc4 A la aleatorización es dentos 2 3 BIII BIL 4 trat





DBCA con submisstreo

$$\begin{array}{c}
(1) \\
x \downarrow_{0}: \mathcal{U}_{a} = \mathcal{U}_{b} = \dots = \mathcal{U}_{e} \\
+ \downarrow_{a}: Algun \mathcal{U}_{i} \neq \mathcal{U}_{j}
\end{array}$$

$$\begin{array}{c}
x \downarrow_{0}: \mathcal{C}_{a} = \mathcal{C}_{b} = \dots = \mathcal{C}_{e} = 0 \\
+ \downarrow_{a}: \mathcal{C}_{i} \neq 0$$

× Ho: No enste efecto de las diferentes Gonolinas sobre el rendamiento de los Vehiculos (Km/ntho) Ha: Si exesto efecto de las diferentes Gonolinas sobre el Rendamiento de los rehientos (Km//ntho)

Rob de cometer ever to po I

| Nesponse: rendimiento | 0.01 < Pralor < 0.05 | 1.840 | 1.840 | 2.7669 | 0.003(8 Pralor < 0.001 | 1.840 | 1.840 | 2.7669 | 0.003(8 Pralor < 0.001 | 1.840 | 1.840 | 2.7669 | 0.003(8 Pralor < 0.001 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 | 1.840 |

F = 5.0226, pvalor = P(F > F) = 0.008138 < 0.05por toute se rechaza la Ho como Verdadem.

Conclusion: Con una significancia del 5% se puede asegurar que SI exesto e/exto delas diferentes Ganolinas sobre el Rendunicato de la rehiculas (Km//ita)

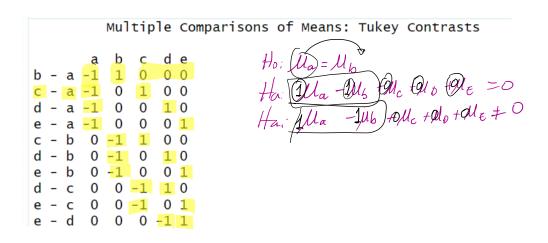
Calculando la Efiziencia Relativa

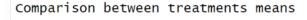
 $\frac{7.36 + 5(5-1)0.665}{5\times 5 - 1}$ SCBlog + b(t-1)CME= 1.29

$$ER = \frac{tb-1}{CME} = \frac{5 \times 5 - 1}{0.665} = 1.29$$

La Efricación de considerar en DBCA es mayor que si se hubiese considerado solo un DCA.

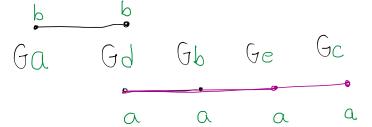
## -> PRUEBAS DE COMPARACIONES MUTIPLES





```
difference pvalue signif.
                                 LCL
                                          UCL
          a - b
a - c
          -1.2 0.1870 NS -2.7800951 0.3800951
(a) - (d)
a - e
          -1.8 0.0218
                     * -3.3800951 -0.2199049
          -0.2 0.9947 N.5 ✓
b - c
                          -1.7800951 1.3800951
           0.6 0.7712 N.S V
b - d
                           -0.9800951 2.1800951
           0.0 1.0000 N.S V
                           -1.5800951 1.5800951
          0.8 0.5467 MS V
                           -0.7800951 2.3800951
          0.2 0.9947 NS V
с – е
                           -1.3800951 1.7800951
d - e
          -0.6 0.7712 NS 🗸
                          -2.1800951 0.9800951
```

aditivo, means



Nueva sección 43 págir

Gasolina	from Dupos	
Gc	a	h Recomendación
Ge /	/ $a$	
G b	a	
Gd	ab	
Ga	/ b	

\$groups
rendimiento groups

_ I Cliu ili	Henco	groups	
C	8.8	a	ciertas Similatudes
b	8.6	a	Gertas similitivees
е	8.6	)a/	
d	8.0	ab	
a	6.8	b	
	b e d	8.8 b 8.6 e 8.6 d 8.0	8.8 a a a a a a a a a a a a a a a a a a