

AUTOMATIC REPORT

INFORME AUTOMÁTICO

EFFECT OF TREATMENT / EFECTO DEL TRATAMIENTO

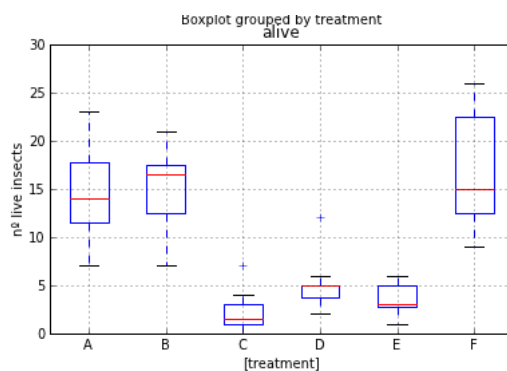
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DESCRIPTIVE

DESCRIPTIVAS

factor	n	mean	sd	cv	se	min	max
A	12	14.50	4.72	32.55	1.36	7	23
B	12	15.33	4.27	27.86	1.23	7	21
C	12	2.08	1.98	94.81	0.57	0	7
D	12	4.92	2.50	50.91	0.72	2	12
E	12	3.50	1.73	49.49	0.50	1	6
F	12	16.67	6.21	37.28	1.79	9	26

*factor: the treatment, n: number of observations, sd: standart desvi-
ation, cv: coefficient of variation, se: standart error*



ANALISYS OF VARIANCE

ANALISIS DE LA VARIANZA

Analysis of variance (ANOVA I) to determine whether there are significant differences between treatments

Analisis de la varianza (ANOVA I) para determinar si existen diferencias significativas entre tratamientos

	df	sum_sq	mean_sq	F	PR(>F)
Treatment	5	2668.83	533.77	34.7	3.18e-17
Residual	66	1015.17	15.38		

df: degree of freedom,, PR(>F): Probability of true hypothesis (no statistically significant difference)

[Because the PR (p) is below 0.05, we can say that at least exist one treatment that is statistically different]

MULTIPLE COMPARASION TEST - TUKEY HSD

TEST DE COMPARACIÓN MÚLTIPLE

Tukey test HSD (Honestly Significant Difference) is done to compare between different treatments together.

Se realiza el test de Tukey HSD (Honestly Significant Difference) que permite comparar entre los diferentes tratamientos entre si.

group1	group2	meandiff	lower	upper	reject
A	B	0.8333	-3.8659	5.5326	False
	C	-12.4167	-17.1159	-7.7174	True
	D	-9.5833	-14.2826	-4.8841	True
	E	-11.0	-15.6992	-6.3008	True
	F	2.1667	-2.5326	6.8659	False
B	C	-13.25	-17.9492	-8.5508	True
	D	-10.4167	-15.1159	-5.7174	True
	E	-11.8333	-16.5326	-7.1341	True
	F	1.3333	-3.3659	6.0326	False
C	D	2.8333	-1.8659	7.5326	False
	E	1.4167	-3.2826	6.1159	False
	F	14.5833	9.8841	19.2826	True
D	E	-1.4167	-6.1159	3.2826	False
	F	11.75	7.0508	16.4492	True
E	F	13.1667	8.4674	17.8659	True

reject column means that the two treatment are statistically different between self.

[We can see that exist statistically difference between A,B and F (in the same static group) with more insect lives and the treatment C,D and E (in the same group) with less insects lives]