

## Bradford analyses

### Summary

<i>Groups</i>	<i>Count</i>	<i>Sum</i>	<i>Average</i>	<i>Variance</i>
Column 1	15	432833.3	28855.55556	7.42E^08
Column 2	15	412666.7	27511.11111	4.15E^08
Column 3	15	620333.3	41355.55556	1.04E^08
Column 4	15	617583.3	41172.22222	59085780

### ANOVA

<i>Source of variation</i>	<i>SS</i>	<i>df</i>	<i>MS</i>	<i>F</i>	<i>P-value</i>	<i>F crit</i>
Between Groups	2.58E^09	3	860107523.1	2.605489	0.060694	2.769431
Within Groups	1.85E^10	56	330113657.4			
Total	2.11E^10	59				

### Completely randomized design

Data:

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Treatments   1ª Rep.   2ª Rep.   3ª Rep.   4ª Rep.   5ª Rep.
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Treatment 1  -66250.000  21833.0000  34750.0000  36583.0000  33167.0000
Treatment 2  -43917.000  25333.0000  32833.0000  37250.0000  37750.0000
Treatment 3   66417.0000  34083.0000  59417.0000  26500.0000  40583.0000
Treatment 4   33917.0000  46250.0000  45083.0000  45833.0000  39250.0000
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Treatments   6ª Rep.   7ª Rep.   8ª Rep.   9ª Rep.   10ª Rep.
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Treatment 1   35417.0000  50500.0000  39000.0000  36167.0000  29917.0000
Treatment 2   40917.0000  41167.0000  30250.0000  29917.0000  28583.0000
Treatment 3   34167.0000  41500.0000  29750.0000  45500.0000  43750.0000
Treatment 4   40333.0000  38500.0000  44083.0000  44500.0000  38250.0000
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Treatments   11ª Rep.  12ª Rep.  13ª Rep.  14ª Rep.  15ª Rep.
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Treatment 1   40000.0000  40167.0000  23250.0000  41333.0000  37000.0000
    
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Treatment 2	29083.0000	34333.0000	25500.0000	29667.0000	34000.0000
Treatment 3	41333.0000	37167.0000	41083.0000	39333.0000	39750.0000
Treatment 4	60250.0000	35667.0000	29667.0000	30083.0000	45917.0000

Descriptive treatments statistics :

Treatments	Average	Variance	SD	SEM
Treatment 1	28855.6000	741574703	27231.8693	7031.23841
Treatment 2	27511.0667	415369254	20380.6097	5262.25081
Treatment 3	41355.5333	104432032	10219.1992	2638.58588
Treatment 4	41172.2000	59084872.0	7686.66846	1984.68926

Analysis of variance.

	df	SS	MQ	F	P
Treatments	3	2580315641.7	860105213.91	2.61NS	0.0607
Residual	56	18486452045	330115215.08	-	-
Total	59	21066767686	-	-	-

Average.....: 34723.600  
SD.....: 18169.073  
standard error .....: 4691.2345  
coefficient of variation: 52.324854

Teste de Tukey

Treatment	Variable 1
Treatment 3	41355.533 a
Treatment 4	41172.200 a
Treatment 1	28855.600 a
Treatment 2	27511.067 a

Significant difference (5%) = 17567.1630