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ONEWAY Inhibition BY Trace
  /STATISTICS DESCRIPTIVES EFFECTS
  /MISSING ANALYSIS
  /POSTHOC=DUNCAN LSD ALPHA(0.05) .
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Oneway

Notes		
Output Created		27-APR-2024 13:48:51
Comments		
Input	Active Dataset	DataSet0
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	16
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics for each analysis are based on cases with no missing data for any variable in the analysis.
Syntax		ONEWAY Inhibition BY Trace /STATISTICS DESCRIPTIVES EFFECTS /MISSING ANALYSIS /POSTHOC=DUNCAN LSD ALPHA(0.05).
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.06

[DataSet0]

Descriptives

Inhibition

	N	Mean	Std. Deviation	Std. Error	95% Confidence ...
					Lower Bound
FeSO4	2	.0000	.00000	.00000	.0000
MgSO4	2	33.6700	1.41421	1.00000	20.9638
CaCO3	2	33.6700	.82024	.58000	26.3004
K2HPO4	2	.0000	.00000	.00000	.0000
KH2PO4	2	19.0000	.82024	.58000	11.6304
KCl	2	.0000	.00000	.00000	.0000
KNO3	2	.0000	.00000	.00000	.0000
No supplement	2	33.6700	.82024	.58000	26.3004
Total	16	15.0013	16.18112	4.04528	6.3789
Model			.70873	.17718	14.5927
Fixed Effects					
Random Effects				5.91865	1.0059

Descriptives

Inhibition

	95% Confidence Interval for Mean	Minimum	Maximum	Between-Component Variance
	Upper Bound			
FeSO4	.0000	.00	.00	
MgSO4	46.3762	32.67	34.67	
CaCO3	41.0396	33.09	34.25	
K2HPO4	.0000	.00	.00	
KH2PO4	26.3696	18.42	19.58	
KCl	.0000	.00	.00	
KNO3	.0000	.00	.00	
No supplement	41.0396	33.09	34.25	
Total	23.6236	.00	34.67	
Model	15.4098			
Fixed Effects				
Random Effects	28.9966			279.99266

ANOVA

Inhibition

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	3923.413	7	560.488	1115.842	.000
Within Groups	4.018	8	.502		
Total	3927.432	15			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: Inhibition

			Mean Difference (I-J)	Std. Error	Sig.	95% ...
(I) Trace	(J) Trace	Lower Bound				
LSD	FeSO4	MgSO4	-33.67000 [*]	.70873	.000	-35.3043
		CaCO3	-33.67000 [*]	.70873	.000	-35.3043
		K2HPO4	.00000	.70873	1.000	-1.6343
		KH2PO4	-19.00000 [*]	.70873	.000	-20.6343
		KCl	.00000	.70873	1.000	-1.6343
		KNO3	.00000	.70873	1.000	-1.6343
		No supplement	-33.67000 [*]	.70873	.000	-35.3043
	MgSO4	FeSO4	33.67000 [*]	.70873	.000	32.0357
		CaCO3	.00000	.70873	1.000	-1.6343
		K2HPO4	33.67000 [*]	.70873	.000	32.0357
		KH2PO4	14.67000 [*]	.70873	.000	13.0357
		KCl	33.67000 [*]	.70873	.000	32.0357
		KNO3	33.67000 [*]	.70873	.000	32.0357
		No supplement	.00000	.70873	1.000	-1.6343
	CaCO3	FeSO4	33.67000 [*]	.70873	.000	32.0357
		MgSO4	.00000	.70873	1.000	-1.6343
		K2HPO4	33.67000 [*]	.70873	.000	32.0357
		KH2PO4	14.67000 [*]	.70873	.000	13.0357
		KCl	33.67000 [*]	.70873	.000	32.0357
		KNO3	33.67000 [*]	.70873	.000	32.0357
		No supplement	.00000	.70873	1.000	-1.6343
	K2HPO4	FeSO4	.00000	.70873	1.000	-1.6343
		MgSO4	-33.67000 [*]	.70873	.000	-35.3043
		CaCO3	-33.67000 [*]	.70873	.000	-35.3043
		KH2PO4	-19.00000 [*]	.70873	.000	-20.6343
		KCl	.00000	.70873	1.000	-1.6343
		KNO3	.00000	.70873	1.000	-1.6343
		No supplement	-33.67000 [*]	.70873	.000	-35.3043
	KH2PO4	FeSO4	19.00000 [*]	.70873	.000	17.3657
		MgSO4	-14.67000 [*]	.70873	.000	-16.3043
		CaCO3	-14.67000 [*]	.70873	.000	-16.3043
		K2HPO4	19.00000 [*]	.70873	.000	17.3657
		KCl	19.00000 [*]	.70873	.000	17.3657
		KNO3	19.00000 [*]	.70873	.000	17.3657
		No supplement	-14.67000 [*]	.70873	.000	-16.3043

Multiple Comparisons

Dependent Variable: Inhibition

			95% Confidence
			Upper Bound
LSD	FeSO4	MgSO4	-32.0357
		CaCO3	-32.0357
		K2HPO4	1.6343
		KH2PO4	-17.3657
		KCl	1.6343
		KNO3	1.6343
		No supplement	-32.0357
	MgSO4	FeSO4	35.3043
		CaCO3	1.6343
		K2HPO4	35.3043
		KH2PO4	16.3043
		KCl	35.3043
		KNO3	35.3043
		No supplement	1.6343
	CaCO3	FeSO4	35.3043
		MgSO4	1.6343
		K2HPO4	35.3043
		KH2PO4	16.3043
		KCl	35.3043
		KNO3	35.3043
		No supplement	1.6343
	K2HPO4	FeSO4	1.6343
		MgSO4	-32.0357
		CaCO3	-32.0357
		KH2PO4	-17.3657
		KCl	1.6343
		KNO3	1.6343
		No supplement	-32.0357
	KH2PO4	FeSO4	20.6343
		MgSO4	-13.0357
		CaCO3	-13.0357
		K2HPO4	20.6343
		KCl	20.6343
		KNO3	20.6343
		No supplement	-13.0357

Multiple Comparisons

Dependent Variable: Inhibition

(I) Trace	(J) Trace	Mean Difference (I-J)	Std. Error	Sig.	95% ...
					Lower Bound
KCl	FeSO4	.00000	.70873	1.000	-1.6343
	MgSO4	-33.67000*	.70873	.000	-35.3043
	CaCO3	-33.67000*	.70873	.000	-35.3043
	K2HPO4	.00000	.70873	1.000	-1.6343
	KH2PO4	-19.00000*	.70873	.000	-20.6343
	KNO3	.00000	.70873	1.000	-1.6343
	No supplement	-33.67000*	.70873	.000	-35.3043
KNO3	FeSO4	.00000	.70873	1.000	-1.6343
	MgSO4	-33.67000*	.70873	.000	-35.3043
	CaCO3	-33.67000*	.70873	.000	-35.3043
	K2HPO4	.00000	.70873	1.000	-1.6343
	KH2PO4	-19.00000*	.70873	.000	-20.6343
	KCl	.00000	.70873	1.000	-1.6343
	No supplement	-33.67000*	.70873	.000	-35.3043
No supplement	FeSO4	33.67000*	.70873	.000	32.0357
	MgSO4	.00000	.70873	1.000	-1.6343
	CaCO3	.00000	.70873	1.000	-1.6343
	K2HPO4	33.67000*	.70873	.000	32.0357
	KH2PO4	14.67000*	.70873	.000	13.0357
	KCl	33.67000*	.70873	.000	32.0357
	KNO3	33.67000*	.70873	.000	32.0357

Multiple Comparisons

Dependent Variable: Inhibition

		95% Confidence
(I) Trace	(J) Trace	Upper Bound
KCl	FeSO4	1.6343
	MgSO4	-32.0357
	CaCO3	-32.0357
	K2HPO4	1.6343
	KH2PO4	-17.3657
	KNO3	1.6343
	No supplement	-32.0357
KNO3	FeSO4	1.6343
	MgSO4	-32.0357
	CaCO3	-32.0357
	K2HPO4	1.6343
	KH2PO4	-17.3657
	KCl	1.6343
	No supplement	-32.0357
No supplement	FeSO4	35.3043
	MgSO4	1.6343
	CaCO3	1.6343
	K2HPO4	35.3043
	KH2PO4	16.3043
	KCl	35.3043
	KNO3	35.3043

*. The mean difference is significant at the 0.05 level.

Homogeneous Subsets

Inhibition

Trace		N	Subset for alpha = 0.05		
			1	2	3
Duncan ^a	FeSO4	2	.0000		
	K2HPO4	2	.0000		
	KCl	2	.0000		
	KNO3	2	.0000		
	KH2PO4	2		19.0000	
	MgSO4	2			33.6700
	CaCO3	2			33.6700
	No supplement	2			33.6700
	Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 2.000.