

Hasil analisis SAS jambu biji 'Crystal' dengan uji BNP pada  $\alpha$  5%

The SAS System 1  
 03:25 Wednesday, January 1, 1997  
 General Linear Models Procedure  
 Class Level Information

Class	Levels	Values
PELAPIS	3	K0 K1 K2
KONS	3	A0 A1 A2

Number of observations in data set = 27

The SAS System 2  
 03:25 Wednesday, January 1, 1997  
 General Linear Models Procedure

Dependent Variable: SIMPAN

Source	DF	Sum of Squares	F Value	Pr > F
Model	8	200.00000000	12.50	0.0001
Error	18	36.00000000		
Corrected Total	26	236.00000000		

R-Square	C.V.	SIMPAN Mean
0.847458	18.44626	7.66666667

Source	DF	Type I SS	F Value	Pr > F
PELAPIS	2	189.55555556	47.39	0.0001
KONS	2	1.55555556	0.39	0.6834
PELAPIS*KONS	4	8.88888889	1.11	0.3818

Source	DF	Type III SS	F Value	Pr > F
PELAPIS	2	189.55555556	47.39	0.0001
KONS	2	1.55555556	0.39	0.6834
PELAPIS*KONS	4	8.88888889	1.11	0.3818

The SAS System 3  
03:25 Wednesday, January 1, 1997

General Linear Models Procedure  
Tukey's Studentized Range (HSD) Test for variable: SIMPAN

NOTE: This test controls the type I experimentwise error rate, but generally has a higher type II error rate than REGWQ.

Alpha= 0.05 df= 18 MSE= 2  
Critical Value of Studentized Range= 3.609  
Minimum Significant Difference= 1.7014  
Means with the same letter are not significantly different.

Tukey Grouping	Mean	N	PELAPIS
A	10.6667	9	K2
B	8.1111	9	K0
C	4.2222	9	K1

The SAS System 4  
03:25 Wednesday, January 1, 1997

General Linear Models Procedure  
Tukey's Studentized Range (HSD) Test for variable: SIMPAN

NOTE: This test controls the type I experimentwise error rate, but generally has a higher type II error rate than REGWQ.

Alpha= 0.05 df= 18 MSE= 2  
Critical Value of Studentized Range= 3.609  
Minimum Significant Difference= 1.7014  
Means with the same letter are not significantly different.

Tukey Grouping	Mean	N	KONS
A	7.8889	9	A0
A			
A	7.7778	9	A2
A			
A	7.3333	9	A1

The SAS System 5  
03:25 Wednesday, January 1, 1997

## General Linear Models Procedure

Level of PELAPIS	Level of KONS	-----SIMPAN-----		
		N	Mean	SD
K0	A0	3	9.0000000	1.0000000
K0	A1	3	8.0000000	1.73205081
K0	A2	3	7.3333333	0.57735027
K1	A0	3	4.0000000	0.0000000
K1	A1	3	4.3333333	0.57735027
K1	A2	3	4.3333333	0.57735027
K2	A0	3	10.6666667	1.52752523
K2	A1	3	9.6666667	1.52752523
K2	A2	3	11.6666667	2.88675135

The SAS System

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General Linear Models Procedure

Class Level Information

Class	Levels	Values
TREAT	9	K0A0 K0A1 K0A2 K1A0 K1A1 K1A2 K2A0 K2A1 K2A2

Number of observations in data set = 27

The SAS System

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General Linear Models Procedure

Dependent Variable: SIMPAN

Source	DF	Sum of Squares	F Value	Pr > F
Model	8	200.0000000	12.50	0.0001
Error	18	36.0000000		
Corrected Total	26	236.0000000		
R-Square	C.V.	SIMPAN Mean		
0.847458	18.44626	7.66666667		
Source	DF	Type I SS	F Value	Pr > F
TREAT	8	200.0000000	12.50	0.0001

Source	DF	Type III SS	F Value	Pr > F
TREAT	8	200.00000000	12.50	0.0001

The SAS System 8  
03:25 Wednesday, January 1, 1997

### General Linear Models Procedure

Tukey's Studentized Range (HSD) Test for variable: SIMPAN

NOTE: This test controls the type I experimentwise error rate, but generally has a higher type II error rate than REGWQ.

Alpha= 0.05 df= 18 MSE= 2

Critical Value of Studentized Range= 4.955

Minimum Significant Difference= 4.0459

Means with the same letter are not significantly different.

Tukey Grouping	Mean	N	TREAT
A	11.667	3	K2A2
A			
B A	10.667	3	K2A0
B A			
B A	9.667	3	K2A1
B A			
B A	9.000	3	K0A0
B A			
B A C	8.000	3	K0A1
B C			
B C	7.333	3	K0A2
C			
C	4.333	3	K1A2
C			
C	4.333	3	K1A1
C			
C	4.000	3	K1A0

The SAS System 9  
03:25 Wednesday, January 1, 1997  
General Linear Models Procedure

Dependent Variable: SIMPAN				
Contrast	DF	Contrast SS	F Value	Pr > F
Asam asetat vs kitos	1	66.66666667	33.33	0.0001
IAA perendaman vs ce	1	87.11111111	43.56	0.0001
Tanpa IAA vs dengan	1	0.66666667	0.33	0.5709
IAA saja vs IAA dala	1	33.33333333	16.67	0.0007

