

DAFTAR LAMPIRAN

Lampiran 1 Warna

Univariate Analysis of Variance

Notes

<p>Output Created</p> <p>Comments</p> <p>Input</p> <p>Missing Value Handling</p> <p>Syntax</p> <p>Resources</p>	<p style="text-align: right;">29-AUG-2021 18:41:56</p> <p>DataSet0</p> <p><none></p> <p><none></p> <p><none></p> <p style="text-align: right;">16</p> <p>User-defined missing values are treated as missing.</p> <p>Statistics are based on all cases with valid data for all variables in the model.</p> <p>UNIANOVA Warna BY Perlakuan /METHOD=SSTYPE(3) /INTERCEPT=INCLUDE /POSTHOC=Perlakuan(DUNCAN) /PLOT=PROFILE(Perlakuan) /EMMEANS=TABLES(Perlakuan) /PRINT=HOMOGENEITY</p> <p>DESCRIPTIVE /CRITERIA=ALPHA(.05) /DESIGN=Perlakuan.</p> <p style="text-align: right;">00:00:00,31</p> <p style="text-align: right;">00:00:00,31</p>
<p>Active Dataset</p> <p>Filter</p> <p>Weight</p> <p>Split File</p> <p>N of Rows in Working Data File</p> <p>Definition of Missing</p> <p>Cases Used</p> <p>Processor Time</p> <p>Elapsed Time</p>	

[DataSet0]

Between-Subjects Factors

		N
Perlakuan	Kontrol (R0)	4
	R1	4
	R2	4
	R3	4

Descriptive Statistics

Dependent Variable: Warna

Perlakuan	Mean	Std. Deviation	N
Kontrol (R0)	9,3500	,10000	4
R1	5,5500	,31091	4
R2	5,7000	,18257	4
R3	5,9750	,09574	4
Total	6,6438	1,63053	16

Levene's Test of Equality of Error Variances^a

Dependent Variable: Warna

F	df1	df2	Sig.
5,280	3	12	,015

Tests the null hypothesis that the error variance of the dependent variable is equal across groups.

a. Design: Intercept + Perlakuan

Tests of Between-Subjects Effects

Dependent Variable: Warna

Source	Type III Sum of Squares	Df	Mean Square	F	Sig.
Corrected Model	39,432 ^a	3	13,144	352,464	,000
Intercept	706,231	1	706,231	18938,028	,000
Perlakuan	39,432	3	13,144	352,464	,000
Error	,448	12	,037		
Total	746,110	16			
Corrected Total	39,879	15			

a. R Squared = ,989 (Adjusted R Squared = ,986)

Estimated Marginal Means

Perlakuan

Dependent Variable: Warna

Perlakuan	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
Kontrol (R0)	9,350	,097	9,140	9,560
R1	5,550	,097	5,340	5,760
R2	5,700	,097	5,490	5,910
R3	5,975	,097	5,765	6,185

Post Hoc Tests

Perlakuan

Homogeneous Subsets

Warna

Duncan^{a,b}

Perlakuan	N	Subset		
		1	2	3

R1	4	5,5500		
R2	4	5,7000	5,7000	
R3	4		5,9750	
Kontrol (R0)	4			9,3500
Sig.		,294	,067	1,000

Means for groups in homogeneous subsets are displayed.

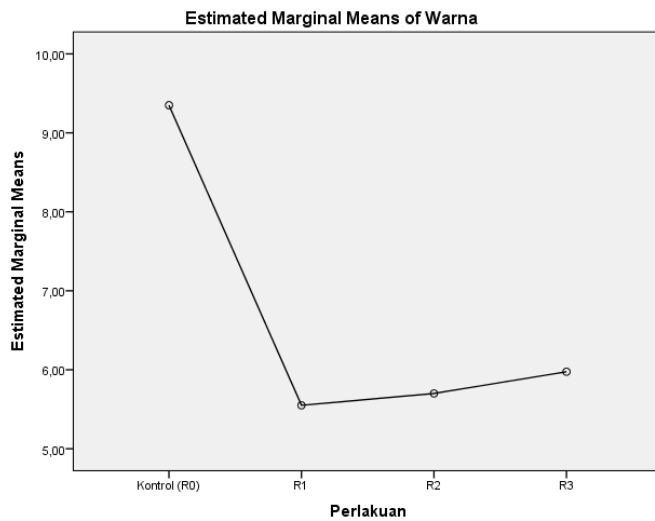
Based on observed means.

The error term is Mean Square(Error) = ,037.

a. Uses Harmonic Mean Sample Size = 4,000.

b. Alpha = ,05.

Profile Plots



Lampiran 2 Tekstur
Univariate Analysis of Variance

Notes

Output Created		29-AUG-2021 18:43:01
Comments		
Input	Active Dataset	DataSet0
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data	16
	File	
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.
Syntax		UNIANOVA Tekstur BY Perlakuan /METHOD=SSTYPE(3) /INTERCEPT=INCLUDE /POSTHOC=Perlakuan(DUNCAN) /PLOT=PROFILE(Perlakuan) /EMMEANS=TABLES(Perlakuan) /PRINT=HOMOGENEITY DESCRIPTIVE /CRITERIA=ALPHA(.05) /DESIGN=Perlakuan.
Resources	Processor Time	00:00:00,27
	Elapsed Time	00:00:00,28

[DataSet0]

Between-Subjects Factors

		N
Perlakuan	Kontrol (R0)	4
	R1	4
	R2	4
	R3	4

Descriptive Statistics

Dependent Variable: Tekstur

Perlakuan	Mean	Std. Deviation	N
Kontrol (R0)	5,3000	,08165	4
R1	7,1250	,05000	4
R2	7,4250	,22174	4
R3	7,7750	,05000	4
Total	6,9063	,99295	16

Levene's Test of Equality of Error Variances^a

Dependent Variable: Tekstur

F	df1	df2	Sig.
3,180	3	12	,063

Tests the null hypothesis that the error variance of the dependent variable is equal across groups.

a. Design: Intercept + Perlakuan

Tests of Between-Subjects Effects

Dependent Variable: Tekstur

Source	Type III Sum of Squares	Df	Mean Square	F	Sig.
Corrected Model	14,607 ^a	3	4,869	320,151	,000
Intercept	763,141	1	763,141	50179,110	,000
Perlakuan	14,607	3	4,869	320,151	,000
Error	,183	S12	,015		
Total	777,930	16			
Corrected Total	14,789	15			

a. R Squared = ,988 (Adjusted R Squared = ,985)

Estimated Marginal Means

Perlakuan

Dependent Variable: Tekstur

Perlakuan	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
Kontrol (R0)	5,300	,062	5,166	5,434
R1	7,125	,062	6,991	7,259
R2	7,425	,062	7,291	7,559
R3	7,775	,062	7,641	7,909

Post Hoc Tests

Perlakuan

Homogeneous Subsets

Tekstur

Duncan^{a,b}

Perlakuan	N	Subset

		1	2	3	4
Kontrol (R0)	4	5,3000			
R1	4		7,1250		
R2	4			7,4250	
R3	4				7,7750
Sig.		1,000	1,000	1,000	1,000

Means for groups in homogeneous subsets are displayed.

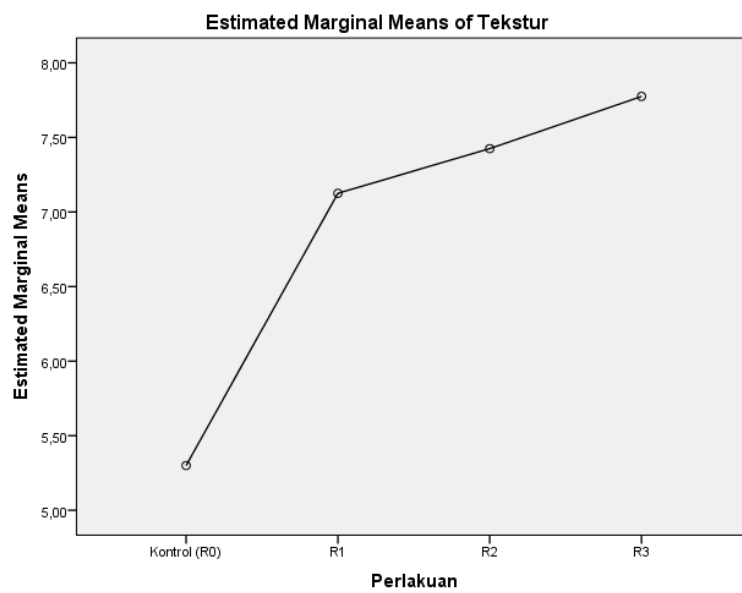
Based on observed means.

The error term is Mean Square(Error) = ,015.

a. Uses Harmonic Mean Sample Size = 4,000.

b. Alpha = ,05.

Profile Plots



Lampiran 3 Aroma
Univariate Analysis of Variance

Notes

Output Created		29-AUG-2021 18:43:45
Comments		
Input	Active Dataset	DataSet0
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data	16
	File	
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.
Syntax		UNIANOVA Aroma BY Perlakuan /METHOD=SSTYPE(3) /INTERCEPT=INCLUDE /POSTHOC=Perlakuan(DUNCAN) /PLOT=PROFILE(Perlakuan) /EMMEANS=TABLES(Perlakuan) /PRINT=HOMOGENEITY DESCRIPTIVE /CRITERIA=ALPHA(.05) /DESIGN=Perlakuan.
Resources	Processor Time	00:00:00,28
	Elapsed Time	00:00:00,30

[DataSet0]

Between-Subjects Factors

		N
Perlakuan	Kontrol (R0)	4
	R1	4
	R2	4
	R3	4

Descriptive Statistics

Dependent Variable: Aroma

Perlakuan	Mean	Std. Deviation	N
Kontrol (R0)	9,1750	,20616	4
R1	5,2750	,23629	4
R2	5,3750	,20616	4
R3	5,4250	,26300	4
Total	6,3125	1,72003	16

Levene's Test of Equality of Error Variances^a

Dependent Variable: Aroma

F	df1	df2	Sig.
,015	3	12	,997

Tests the null hypothesis that the error variance of the dependent variable is equal across groups.

a. Design: Intercept + Perlakuan

Tests of Between-Subjects Effects

Dependent Variable: Aroma

Source	Type III Sum of Squares	Df	Mean Square	F	Sig.
Corrected Model	43,748 ^a	3	14,583	277,762	,000
Intercept	637,563	1	637,563	12144,048	,000
Perlakuan	43,748	3	14,583	277,762	,000
Error	,630	12	,053		
Total	681,940	16			
Corrected Total	44,378	15			

a. R Squared = ,986 (Adjusted R Squared = ,982)

Estimated Marginal Means

Perlakuan

Dependent Variable: Aroma

Perlakuan	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
Kontrol (R0)	9,175	,115	8,925	9,425
R1	5,275	,115	5,025	5,525
R2	5,375	,115	5,125	5,625
R3	5,425	,115	5,175	5,675

Post Hoc Tests

Perlakuan

Homogeneous Subsets

Aroma

Duncan^{a,b}

Perlakuan	N	Subset	
		1	2
R1	4	5,2750	
R2	4	5,3750	
R3	4	5,4250	
Kontrol (R0)	4		9,1750
Sig.		,396	1,000

Means for groups in homogeneous subsets are displayed.

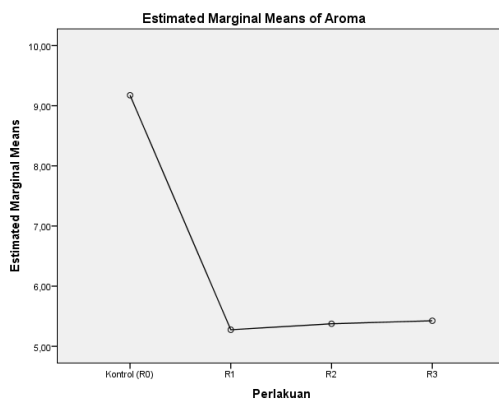
Based on observed means.

The error term is Mean Square(Error) = ,053.

a. Uses Harmonic Mean Sample Size = 4,000.

b. Alpha = ,05.

Profile Plots



Lampiran 4 Jamur
Univariate Analysis of Variance

Notes

Output Created		29-AUG-2021 18:44:12
Comments		
Input	Active Dataset	DataSet0
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data	16
	File	
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.
Syntax		UNIANOVA Jamur BY Perlakuan /METHOD=SSTYPE(3) /INTERCEPT=INCLUDE /POSTHOC=Perlakuan(DUNCAN) /PLOT=PROFILE(Perlakuan) /EMMEANS=TABLES(Perlakuan) /PRINT=HOMOGENEITY DESCRIPTIVE /CRITERIA=ALPHA(.05) /DESIGN=Perlakuan.
Resources	Processor Time	00:00:00,27
	Elapsed Time	00:00:00,30

[DataSet0]

Between-Subjects Factors

		N
Perlakuan	Kontrol (R0)	4
	R1	4
	R2	4
	R3	4

Descriptive Statistics

Dependent Variable: Jamur

Perlakuan	Mean	Std. Deviation	N
Kontrol (R0)	7,7250	,42720	4
R1	9,3250	,12583	4
R2	9,6000	,24495	4
R3	9,4500	,28868	4
Total	9,0250	,82422	16

Levene's Test of Equality of Error Variances^a

Dependent Variable: Jamur

F	df1	df2	Sig.
1,794	3	12	,202

Tests the null hypothesis that the error variance of the dependent variable is equal across groups.

a. Design: Intercept + Perlakuan

Tests of Between-Subjects Effects

Dependent Variable: Jamur

Source	Type III Sum of Squares	Df	Mean Square	F	Sig.
Corrected Model	9,165 ^a	3	3,055	35,766	,000
Intercept	1303,210	1	1303,210	15257,093	,000
Perlakuan	9,165	3	3,055	35,766	,000
Error	1,025	12	,085		
Total	1313,400	16			
Corrected Total	10,190	15			

a. R Squared = ,899 (Adjusted R Squared = ,874)

Estimated Marginal Means

Perlakuan

Dependent Variable: Jamur

Perlakuan	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
Kontrol (R0)	7,725	,146	7,407	8,043
R1	9,325	,146	9,007	9,643
R2	9,600	,146	9,282	9,918
R3	9,450	,146	9,132	9,768

Post Hoc Tests

Perlakuan

Homogeneous Subsets

Jamur

Duncan^{a,b}

Perlakuan	N	Subset	
		1	2
Kontrol (R0)	4	7,7250	
R1	4		9,3250
R3	4		9,4500
R2	4		9,6000
Sig.		1,000	,229

Means for groups in homogeneous subsets are displayed.

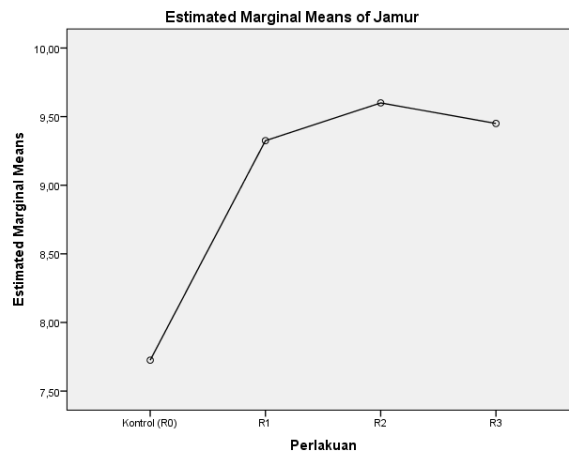
Based on observed means.

The error term is Mean Square(Error) = ,085.

a. Uses Harmonic Mean Sample Size = 4,000.

b. Alpha = ,05.

Profile Plots



La,piran 5 pH

Univariate Analysis of Variance

Notes

Output Created		29-AUG-2021 18:44:44
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 are based on all cases with valid data for all variables in the model.
Syntax		UNIANOVA pH BY Perlakuan /METHOD=SSTYPE(3) /INTERCEPT=INCLUDE /POSTHOC=Perlakuan(DUNCAN) /PLOT=PROFILE(Perlakuan) /EMMEANS=TABLES(Perlakuan) /PRINT=HOMOGENEITY DESCRIPTIVE /CRITERIA=ALPHA(.05) /DESIGN=Perlakuan.
Resources	Processor Time	00:00:00,28
	Elapsed Time	00:00:00,28

[DataSet0]

Between-Subjects Factors

		N
Perlakuan	Kontrol (R0)	4
	R1	4
	R2	4
	R3	4

Descriptive Statistics

Dependent Variable: pH

Perlakuan	Mean	Std. Deviation	N
Kontrol (R0)	6,2000	,32660	4
R1	5,4250	,51235	4
R2	4,8500	,47258	4
R3	4,6000	,42426	4
Total	5,2688	,74719	16

Dependent Variable: pH

F	df1	df2	Sig.
,731	3	12	,553

Tests the null hypothesis that the error variance of the dependent variable is equal across groups.

a. Design: Intercept + Perlakuan

Tests of Between-Subjects Effects

Dependent Variable: pH

Source	Type III Sum of Squares	Df	Mean Square	F	Sig.
Corrected Model	6,057 ^a	3	2,019	10,454	,001
Intercept	444,156	1	444,156	2299,835	,000
Perlakuan	6,057	3	2,019	10,454	,001
Error	2,318	12	,193		
Total	452,530	16			
Corrected Total	8,374	15			

a. R Squared = ,723 (Adjusted R Squared = ,654)

Estimated Marginal Means

Perlakuan

Dependent Variable: pH

Perlakuan	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
Kontrol (R0)	6,200	,220	5,721	6,679
R1	5,425	,220	4,946	5,904
R2	4,850	,220	4,371	5,329
R3	4,600	,220	4,121	5,079

**Post Hoc Tests
Perlakuan
Homogeneous Subsets**

pH

Duncan^{a,b}

Perlakuan	N	Subset		
		1	2	3
R3	4	4,6000		
R2	4	4,8500	4,8500	
R1	4		5,4250	
Kontrol (R0)	4			6,2000
Sig.		,437	,089	1,000

Means for groups in homogeneous subsets are displayed.

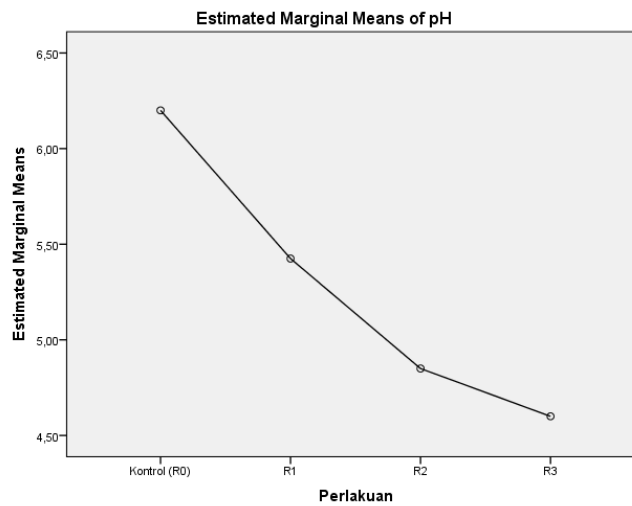
Based on observed means.

The error term is Mean Square(Error) = ,193.

a. Uses Harmonic Mean Sample Size = 4,000.

b. Alpha = ,05.

Profile Plots



DAFTAR GAMBAR



Pengambilan cairan rumen sapi



Pengukuran suhu termos setelah diisi air dengan suhu 40⁰c



Pembuatan inoculum cairan rumen sapi



Proses pencacahan jerami padi



Proses pembuatan fermentasi jerami padi



Proses pencampuran bahan



Proses pengecekan jamur

RIWAYAT HIDUP



Penulis adalah putri bungsu dari 7 bersaudara, buah cinta pasangan bapak Quido Mau (Alm) dan Ibu Maria Fatima Kati. Penulis dilahirkan di Debubot, 7 September 1993. Penulis mengikuti pendidikan Sekolah Dasar Inpres (SDI) Wedomu pada tahun 2001-2006. Dan menamatkan pendidikan pada tahun 2006. Penulis melanjutkan pendidikan di SMPN 1 FASITETO TIMUR tamat dan berijazah pada tahun 2009. Penulis melanjutkan pendidikan SMA Kristen Atambua pada tahun 2009 tamat dan berijazah tahun 2012. Pada tahun 2018 mendaftarkan diri pada Fakultas Pertanian (FAPERTA) Program Studi Peternakan Universitas Timor – TTU lewat jalur MANDIRI hingga selesai penyusunan skripsi ini dengan Motto “*UT SINT VOBIS IN EXACTORIS*”.

Kefamenanu, Agustus 2022

Regina Juane Mau

