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MIXED Observasi BY Produsen Kelompok
  /CRITERIA=DFMETHOD(SATTERTHWAITE) CIN(95) MXITER(100) MXSTEP(10) SCORING(1)
    SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE)
PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=Produsen Kelompok(Produsen) | SSTYPE(3)
  /METHOD=REML
  /PRINT=CPS DESCRIPTIVES
  /EMMEANS=TABLES(OVERALL)
  /EMMEANS=TABLES(Produsen) COMPARE ADJ(LSD).

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Mixed Model Analysis

Notes

Output Created		06-MAR-2021 21:15:33
Comments		
Input	Data	D:\ELEX2020\2020-2021\Data\ata\Input\Data 7.2.sav
	Active Dataset	DataSet1
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	N of Rows in Working Data File	36
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	<pre> MIXED Observasi BY Produsen Kelompok /CRITERIA=DFMETHOD(SA TTERTHWAITE) CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=Produsen Kelompok(Produsen) SSTYPE(3) /METHOD=REML /PRINT=CPS DESCRIPTIVES /EMMEANS=TABLES(OVER ALL) /EMMEANS=TABLES(Produ sen) COMPARE ADJ(LSD). </pre>	
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.02

Case Processing Summary

		Label	Count	Marginal Percentage
Produsen	1	1	12	33.3%
	2	2	12	33.3%
	3	3	12	33.3%
Kelompok	1	1	9	25.0%
	2	2	9	25.0%
	3	3	9	25.0%
	4	4	9	25.0%
Valid			36	100.0%

Excluded		0
Total		36

Descriptive Statistics

Observasi

Produsen	Kelompok	Count	Mean	Standard Deviation	Coefficient of Variation
1	1	3	28.67	2.309	8.1%
	2	3	22.67	4.619	20.4%
	3	3	16.67	.577	3.5%
	4	3	17.00	1.000	5.9%
	Total	12	21.25	5.594	26.3%
2	1	3	11.67	8.737	74.9%
	2	3	21.67	1.155	5.3%
	3	3	18.67	2.082	11.2%
	4	3	29.00	5.292	18.2%
	Total	12	20.25	7.887	38.9%
3	1	3	16.67	2.887	17.3%
	2	3	26.67	7.371	27.6%
	3	3	47.33	8.327	17.6%
	4	3	34.33	12.858	37.5%
	Total	12	31.25	13.818	44.2%
Total	1	9	19.00	8.930	47.0%
	2	9	23.67	4.950	20.9%
	3	9	27.56	15.469	56.1%
	4	9	26.78	10.378	38.8%
	Total	36	24.25	10.713	44.2%

Model Dimension^a

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	Produsen	3	2
	Kelompok(Produsen)	12	9
Residual			1
Total		16	13

a. Dependent Variable: Observasi.

Information Criteria^a

-2 Restricted Log Likelihood	167.481
Akaike's Information Criterion (AIC)	169.481
Hurvich and Tsai's Criterion (AICC)	169.663
Bozdogan's Criterion (CAIC)	171.659
Schwarz's Bayesian Criterion (BIC)	170.659

The information criteria are displayed in smaller-is-better form.^a

a. Dependent Variable: Observasi.

Fixed Effects

Type III Tests of Fixed Effects^a

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	24	583.560	.000
Produsen	2	24	12.239	.000
Kelompok(Produsen)	9	24	6.916	.000

a. Dependent Variable: Observasi.

Covariance Parameters

Estimates of Covariance Parameters^a

Parameter	Estimate	Std. Error
Residual	36.277778	10.472492

a. Dependent Variable: Observasi.

Estimated Marginal Means

1. Grand Mean^a

Mean	Std. Error	df	95% Confidence Interval	
			Lower Bound	Upper Bound
24.250	1.004	24	22.178	26.322

a. Dependent Variable: Observasi.

2. Produsen

Estimates^a

Produsen	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1	21.250	1.739	24	17.661	24.839
2	20.250	1.739	24	16.661	23.839
3	31.250	1.739	24	27.661	34.839

a. Dependent Variable: Observasi.

Pairwise Comparisons^a

(I) Produsen	(J) Produsen	Mean Difference (I-J)	Std. Error	df	Sig. ^c	95% Confidence Interval for Difference ^c		
						Lower Bound	Upper Bound	
1	2	1.000	2.459	24	.688	-4.075		
	3	-10.000*	2.459	24	.000	-15.075		
2	1	-1.000	2.459	24	.688	-6.075		
	3	-11.000*	2.459	24	.000	-16.075		

3	1	10.000*	2.459	24	.000	4.925	
	2	11.000*	2.459	24	.000	5.925	

Univariate Tests^a

Numerator df	Denominator df	F	Sig.
2	24	12.239	.000

The F tests the effect of Produsen. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.^a

a. Dependent Variable: Observasi.

Graph

Notes

Output Created	06-MAR-2021 21:26:01
Comments	
Input	Data
	D:\ELEX2020\2020-2021\DATA\Input\Data 7.2.sav
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	Weight
	<none>
	Split File
	<none>
	N of Rows in Working Data File
	36
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