Lampiran 23. Analisis Kadar Lemak

Univariate Analysis of Variance

Between-Subjects Factors

		Value Label	N
lama_fermentasi	1	0 hari	9
	2	3 hari	9
	3	6 hari	9
	4	9 hari	9
	5	12 hari	9
volume_molase	1	100 mL	15
	2	200 mL	15
	3	300 mL	15

Descriptive Statistics

Dependent Variable:kadar_lemak

lama_fermentasi	volume_molase	Mean	Std, Deviation	N
0 hari	100 mL	2,4701	,13432	3
	200 mL	1,8349	,22320	3
	300 mL	1,6805	,13076	3
	Total	1,9952	,39065	9
3 hari	100 mL	2,4339	,37402	3
	200 mL	2,4060	,10137	3
	300 mL	1,4403	,18873	3
	Total	2,0934	,53527	9
6 hari	100 mL	3,3563	,24634	3
	200 mL	2,8757	,11118	3
	300 mL	2,6630	,12075	3
	Total	2,9650	,34135	9
9 hari	100 mL	4,5081	,28269	3
	200 mL	3,7038	,29089	3
	300 mL	3,3080	,43061	3
	Total	3,8400	,60659	9
12 hari	100 mL	5,0269	,79195	3
	200 mL	2,7175	,24511	3
	300 mL	3,5434	,49002	3
	Total	3,7626	1,12200	9
Total	100 mL	3,5591	1,14942	15
	200 mL	2,7076	,65762	15
	300 mL	2,5270	,91274	15
	Total	2,9312	1,01498	45

Tests of Between-Subjects Effects

Dependent Variable:kadar_lemak

Source	Type III Sum of Squares	df	Mean Square	F	Sig,
Corrected Model	42,056[a]	14	3,004	27,548	,000
Intercept	386,642	1	386,642	3,546E3	,000
lama_fermentasi	27,868	4	6,967	63,890	,000
volume_molase	9,114	2	4,557	41,787	,000
lama_fermentasi * volume_molase	5,075	8	,634	5,817	,000
Error	3,271	30	,109		
Total	431,970	45			
Corrected Total	45,328	44			

a, R Squared = ,928 (Adjusted R Squared = ,894)

Estimated Marginal Means

lama_fermentasi * volume_molase

Dependent Variable:kadar_lemak

lama_fermentasi	volume_molase	Mean	Std, Error	95% Confidence Interval	
				Lower Bound	Upper Bound
0 hari	100 mL	2,470	,191	2,081	2,860
	200 mL	1,835	,191	1,445	2,224
	300 mL	1,680	,191	1,291	2,070
3 hari	100 mL	2,434	,191	2,044	2,823
	200 mL	2,406	,191	2,017	2,795
	300 mL	1,440	,191	1,051	1,830
6 hari	100 mL	3,356	,191	2,967	3,746
	200 mL	2,876	,191	2,486	3,265
	300 mL	2,663	,191	2,274	3,052
9 hari	100 mL	4,508	,191	4,119	4,897
	200 mL	3,704	,191	3,314	4,093
	300 mL	3,308	,191	2,919	3,697
12 hari	100 mL	5,027	,191	4,638	5,416
	200 mL	2,718	,191	2,328	3,107
	300 mL	3,543	,191	3,154	3,933

Post Hoc Tests

lama_fermentasi

Homogeneous Subsets

kadar_lemak

Duncan

lama_fermentasi	N	Subset 1	Subset 2	Subset 3
0 hari	9	1,9952		
3 hari	9	2,0934		
6 hari	9		2,9650	
12 hari	9			3,7626
9 hari	9			3,8400
Sig,		,533	1,000	,623

Means for groups in homogeneous subsets are displayed,
Based on observed means,
The error term is Mean Square(Error) = ,109,

volume_molase

Homogeneous Subsets

kadar_lemak

Duncan

volume_molase	N	Subset 1	Subset 2
300 mL	15	2,5270	
200 mL	15	2,7076	
100 mL	15		3,5591
Sig,		,145	1,000

Means for groups in homogeneous subsets are displayed,
Based on observed means,
The error term is Mean Square(Error) = ,109,

Oneway

Descriptives

kadar_lemak

	N	Mean	Std, Deviation	Std, Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
0 hari - 100 mL	3	2,4701	,13432	,07755	2,1365	2,8038	2,32	2,56
0 hari - 200 mL	3	1,8349	,22320	,12887	1,2804	2,3893	1,58	1,99
0 hari - 300 mL	3	1,6805	,13076	,07549	1,3556	2,0053	1,54	1,80
3 hari - 100 mL	3	2,4339	,37402	,21594	1,5048	3,3630	2,17	2,86
3 hari - 200 mL	3	2,4060	,10137	,05853	2,1541	2,6578	2,35	2,52
3 hari - 300 mL	3	1,4403	,18873	,10896	,9714	1,9091	1,22	1,57
6 hari - 100 mL	3	3,3563	,24634	,14222	2,7443	3,9682	3,17	3,63
6 hari - 200 mL	3	2,8757	,11118	,06419	2,5995	3,1519	2,78	3,00
6 hari - 300 mL	3	2,6630	,12075	,06972	2,3630	2,9629	2,59	2,80
9 hari - 100 mL	3	4,5081	,28269	,16321	3,8059	5,2103	4,19	4,73
9 hari - 200 mL	3	3,7038	,29089	,16794	2,9812	4,4264	3,43	4,01
9 hari - 300 mL	3	3,3080	,43061	,24861	2,2383	4,3777	2,82	3,62
12 hari - 100 mL	3	5,0269	,79195	,45723	3,0596	6,9942	4,26	5,85
12 hari - 200 mL	3	2,7175	,24511	,14151	2,1086	3,3264	2,43	2,87
12 hari - 300 mL	3	3,5434	,49002	,28291	2,3262	4,7607	3,02	3,99
Total	45	2,9312	1,01498	,15130	2,6263	3,2362	1,22	5,85

ANOVA

kadar_lemak

	Sum of Squares	df	Mean Square	F	Sig,
Between Groups	42,056	14	3,004	27,548	,000
Within Groups	3,271	30	,109		
Total	45,328	44			

Post Hoc Tests

Homogeneous Subsets

kadar_lemak

Duncan

interaksi	N	Subset for alpha = 0,05				
		1	2	3	4	5
3 hari - 300 mL	3	1,4403				
0 hari - 300 mL	3	1,6805				
0 hari - 200 mL	3	1,8349				
3 hari - 200 mL	3		2,4060			
3 hari - 100 mL	3		2,4339			
0 hari - 100 mL	3		2,4701			
6 hari - 300 mL	3		2,6630			
12 hari - 200 mL	3		2,7175			
6 hari - 200 mL	3		2,8757	2,8757		
9 hari - 300 mL	3			3,3080	3,3080	
6 hari - 100 mL	3			3,3563	3,3563	
12 hari - 300 mL	3				3,5434	
9 hari - 200 mL	3				3,7038	
9 hari - 100 mL	3					4,5081
12 hari - 100 mL	3					5,0269
Sig,		,177	,135	,101	,190	,064

Means for groups in homogeneous subsets are displayed,