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## LAMPIRAN

Lampiran.1 Produksi Susu  
 UNIANOVA Produksi BY Ulangan Perlakuan  
 /METHOD=SSTYPE(3)  
 /INTERCEPT=INCLUDE  
 /POSTHOC=Ulangan Perlakuan(DUNCAN LSD)  
 /PRINT DESCRIPTIVE HOMOGENEITY  
 /CRITERIA=ALPHA(.05)

### Univariate Analysis of Variance

#### Notes

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### Between-Subjects Factors

		Value Label	N
Ulangan	1.00	P1	50
	2.00	P2	50
	3.00	P3	50
Perlakuan	1.00	P1	30
	2.00	P2	30
	3.00	P3	30
	4.00	P4	30
	5.00	P5	30

### Descriptive Statistics

Dependent Variable: Produksi

Ulangan	Perlakuan	Mean	Std. Deviation	N
P1	P1	10.9100	1.39080	10
	P2	11.7600	.68670	10
	P3	9.3900	3.09496	10
	P4	11.3500	1.86085	10
	P5	13.8600	1.12862	10
	Total		11.4540	2.28117
P2	P1	14.1600	.80028	10
	P2	12.0900	.94569	10
	P3	11.8000	1.11255	10
	P4	11.5500	.89722	10
	P5	14.2900	5.17933	10
	Total		12.7780	2.65332
P3	P1	11.5500	1.02225	10
	P2	11.4900	.64541	10
	P3	10.0600	.77057	10
	P4	8.9000	.69121	10
	P5	11.3600	.54610	10
	Total		10.6720	1.27584
Total	P1	12.2067	1.77976	30
	P2	11.7800	.78451	30
	P3	10.4167	2.14670	30
	P4	10.6000	1.72467	30
	P5	13.1700	3.24645	30

Total	11.6347	2.30704	150
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### Levene's Test of Equality of Error Variances<sup>a,b</sup>

		Levene Statistic	df1	df2	Sig.
Produksi	Based on Mean	3.069	14	135	.000
	Based on Median	1.678	14	135	.067
	Based on Median and with adjusted df	1.678	14	21.482	.136
	Based on trimmed mean	2.445	14	135	.004

Tests the null hypothesis that the error variance of the dependent variable is equal across groups.<sup>a,b</sup>

a. Dependent variable: Produksi

b. Design: Intercept + Ulangan + Perlakuan + Ulangan \* Perlakuan

### Tests of Between-Subjects Effects

Dependent Variable: Produksi

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	343.440 <sup>a</sup>	14	24.531	7.366	.000
Intercept	20304.820	1	20304.820	6096.866	.000
Ulangan	113.329	2	56.664	17.014	.000
Perlakuan	157.788	4	39.447	11.845	.000
Ulangan * Perlakuan	72.322	8	9.040	2.715	.008
Error	449.600	135	3.330		
Total	21097.860	150			
Corrected Total	793.040	149			

a. R Squared = .433 (Adjusted R Squared = .374)

### Post Hoc Tests Ulangan

#### Multiple Comparisons

Dependent Variable: Produksi

				Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval Lower Bound
		(I) Ulangan	(J) Ulangan				
LSD	P1	P2		-1.3240 <sup>*</sup>	.36499	.000	-2.0458
		P3		.7820 <sup>*</sup>	.36499	.034	.0602
	P2	P1		1.3240 <sup>*</sup>	.36499	.000	.6022

	P3	2.1060*	.36499	.000	1.3842
P3	P1	-.7820*	.36499	.034	-1.5038
	P2	-2.1060*	.36499	.000	-2.8278

### Multiple Comparisons

Dependent Variable: Produksi

				95% Confidence Interval
		(I) Ulangan	(J) Ulangan	Upper Bound
LSD	P1	P2		-.6022
		P3		1.5038
	P2	P1		2.0458
		P3		2.8278
	P3	P1		-.0602
		P2		-1.3842

Based on observed means.

The error term is Mean Square(Error) = 3.330.

\*. The mean difference is significant at the ,05 level.

### Homogeneous Subsets

#### Produksi

		Ulangan	N	Subset		
				1	2	3
Duncan <sup>a,b</sup>	P3		50	10.6720		
	P1		50		11.4540	
	P2		50			12.7780
	Sig.			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) = 3.330.

a. Uses Harmonic Mean Sample Size = 50.000.

b. Alpha = ,05.

### Perlakuan

#### Multiple Comparisons

Dependent Variable: Produksi

				Mean Difference	Std. Error	Sig.	95% Confidence Interval
		(I) Perlakuan	(J) Perlakuan	(I-J)			Lower Bound
LSD	P1	P2		.4267	.47119	.367	-.5052

	P3	1.7900*	.47119	.000	.8581
	P4	1.6067*	.47119	.001	.6748
	P5	-.9633*	.47119	.043	-1.8952
P2	P1	-.4267	.47119	.367	-1.3585
	P3	1.3633*	.47119	.004	.4315
	P4	1.1800*	.47119	.013	.2481
	P5	-1.3900*	.47119	.004	-2.3219
P3	P1	-1.7900*	.47119	.000	-2.7219
	P2	-1.3633*	.47119	.004	-2.2952
	P4	-.1833	.47119	.698	-1.1152
	P5	-2.7533*	.47119	.000	-3.6852
P4	P1	-1.6067*	.47119	.001	-2.5385
	P2	-1.1800*	.47119	.013	-2.1119
	P3	.1833	.47119	.698	-.7485
	P5	-2.5700*	.47119	.000	-3.5019
P5	P1	.9633*	.47119	.043	.0315
	P2	1.3900*	.47119	.004	.4581
	P3	2.7533*	.47119	.000	1.8215
	P4	2.5700*	.47119	.000	1.6381

### Multiple Comparisons

Dependent Variable: Produksi

		95% Confidence Interval	
	(I) Perlakuan	(J) Perlakuan	Upper Bound
LSD	P1	P2	1.3585
		P3	2.7219
		P4	2.5385
		P5	-.0315
		P2	.5052
	P2	P1	2.2952
		P3	2.1119
		P4	-.4581
		P5	-.8581
		P3	-.4315
	P3	P1	.7485
		P2	-1.8215
		P4	-.6748
		P5	-.2481
		P4	1.1152
	P4	P1	-1.6381
		P2	
		P3	
		P5	
		P5	

P5	P1	1.8952
	P2	2.3219
	P3	3.6852
	P4	3.5019

Based on observed means.

The error term is Mean Square(Error) = 3.330.

\*. The mean difference is significant at the ,05 level.

## Homogeneous Subsets

### Produksi

	Perlakuan	N	Subset		
			1	2	3
Duncan <sup>a,b</sup>	P3	30	10.4167		
	P4	30	10.6000		
	P2	30		11.7800	
	P1	30		12.2067	
	P5	30			13.1700
	Sig.			.698	.367

Means for groups in homogeneous subsets are displayed.

Based on observed means.

The error term is Mean Square(Error) = 3.330.

a. Uses Harmonic Mean Sample Size = 30.000.

b. Alpha = ,05.

## Lampiran.2 Bahan Kering Hijauan

### ONEWAY BKH BY PERLAKUAN

/STATISTICS DESCRIPTIVES HOMOGENEITY

/MISSING ANALYSIS

## Oneway

### Notes

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### Descriptives

BKH

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		
					Lower Bound	Upper Bound	Minimum
1	3	2.23333	.015275	.008819	2.19539	2.27128	2.220
2	3	2.22000	.026458	.015275	2.15428	2.28572	2.190
3	3	2.22000	.020000	.011547	2.17032	2.26968	2.200

4	3	2.18000	.121244	.070000	1.87881	2.48119	2.040
5	3	2.25000	.000000	.000000	2.25000	2.25000	2.250
Total	15	2.22067	.053515	.013817	2.19103	2.25030	2.040

### Descriptives

BKH

Maximum	
1	2.250
2	2.240
3	2.240
4	2.250
5	2.250
Total	2.250

### Test of Homogeneity of Variances

		Levene Statistic	df1	df2	Sig.
BKH	Based on Mean	10.998	4	10	.001
	Based on Median	.741	4	10	.585
	Based on Median and with adjusted df	.741	4	2.183	.639
	Based on trimmed mean	8.844	4	10	.003

### ANOVA

BKH

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	.008	4	.002	.626	.655
Within Groups	.032	10	.003		
Total	.040	14			

Lampiran.3 Bahan Kering Konsentrat  
 ONEWAY BKK BY PERLAKUAN  
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### Oneway

#### Notes

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### Descriptives

BKK

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum
					Lower Bound	Upper Bound	
1	3	2.64000	.000000	.000000	2.64000	2.64000	2.640
2	3	2.61000	.051962	.030000	2.48092	2.73908	2.550
3	3	2.64000	.000000	.000000	2.64000	2.64000	2.640
4	3	2.64000	.000000	.000000	2.64000	2.64000	2.640
5	3	2.64000	.000000	.000000	2.64000	2.64000	2.640
Total	15	2.63400	.023238	.006000	2.62113	2.64687	2.550

### Descriptives

BKK

Maximum

1	2.640
2	2.640
3	2.640
4	2.640
5	2.640
Total	2.640

### Test of Homogeneity of Variances

		Levene Statistic	df1	df2	Sig.
BKK	Based on Mean	16.000	4	10	.000
	Based on Median	1.000	4	10	.452
	Based on Median and with adjusted df	1.000	4	2.000	.556
	Based on trimmed mean	12.602	4	10	.001

### ANOVA

BKK

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	.002	4	.001	1.000	.452
Within Groups	.005	10	.001		
Total	.008	14			

Lampiran.4 Total Konsumsi

ONEWAY TOTAL\_konsumsi BY PERLAKUAN  
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### Oneway

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### Descriptives

TOTAL\_konsumsi

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum
					Lower Bound	Upper Bound	
1	3	4.87333	.015275	.008819	4.83539	4.91128	4.860
2	3	4.83000	.040000	.023094	4.73063	4.92937	4.790
3	3	4.86000	.020000	.011547	4.81032	4.90968	4.840
4	3	4.82000	.121244	.070000	4.51881	5.12119	4.680
5	3	4.89000	.000000	.000000	4.89000	4.89000	4.890
Total	15	4.85467	.056172	.014503	4.82356	4.88577	4.680

### Descriptives

TOTAL\_konsumsi

	Maximum
1	4.890
2	4.870
3	4.880
4	4.890
5	4.890

### Test of Homogeneity of Variances

		Levene Statistic	df1	df2	Sig.
TOTAL_konsumsi	Based on Mean	8.864	4	10	.003
	Based on Median	.730	4	10	.592
	Based on Median and with adjusted df	.730	4	2.211	.643
	Based on trimmed mean	7.391	4	10	.005

### ANOVA

TOTAL\_konsumsi

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	.010	4	.003	.761	.574
Within Groups	.034	10	.003		
Total	.044	14			

Lampiran.5 Berat Jenis Susu

ONEWAY BJ\_SUSU BY PERLAKUAN

/STATISTICS DESCRIPTIVES HOMOGENEITY

/MISSING ANALYSIS

### Oneway

#### Notes

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### Descriptives

BJ\_SUSU

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum
					Lower Bound	Upper Bound	
1	3	1.02403	.006307	.003641	1.00837	1.03970	1.019
2	3	1.02050	.002685	.001550	1.01383	1.02717	1.018
3	3	1.02263	.000737	.000426	1.02080	1.02446	1.022
4	3	1.02770	.007451	.004302	1.00919	1.04621	1.022
5	3	1.02430	.002615	.001510	1.01780	1.03080	1.021
Total	15	1.02383	.004652	.001201	1.02126	1.02641	1.018

### Descriptives

BJ\_SUSU

	Maximum
1	1.031
2	1.023
3	1.023
4	1.036
5	1.026
Total	1.036

### Test of Homogeneity of Variances

		Levene Statistic	df1	df2	Sig.
BJ_SUSU	Based on Mean	3.646	4	10	.044
	Based on Median	.757	4	10	.576
	Based on Median and with adjusted df	.757	4	4.549	.598
	Based on trimmed mean	3.299	4	10	.057

## ANOVA

BJ\_SUSU

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	.000	4	.000	.947	.476
Within Groups	.000	10	.000		
Total	.000	14			

Lampiran.6 pH Susu

ONEWAY PH BY PERLAKUAN

/STATISTICS DESCRIPTIVES HOMOGENEITY

/MISSING ANALYSIS

## Oneway

### Notes

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Syntax	ONEWAY PH BY PERLAKUAN /STATISTICS DESCRIPTIVES HOMOGENEITY /MISSING ANALYSIS /POSTHOC=DUNCAN LSD ALPHA(0.05).
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### Descriptives

PH

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum
					Lower Bound	Upper Bound	
1	3	6.60000	.000000	.000000	6.60000	6.60000	6.600
2	3	6.53333	.057735	.033333	6.38991	6.67676	6.500
3	3	6.56667	.057735	.033333	6.42324	6.71009	6.500
4	3	6.56667	.057735	.033333	6.42324	6.71009	6.500
5	3	6.53333	.057735	.033333	6.38991	6.67676	6.500
Total	15	6.56000	.050709	.013093	6.53192	6.58808	6.500

### Descriptives

PH

	Maximum
1	6.600
2	6.600
3	6.600
4	6.600
5	6.600
Total	6.600

### Test of Homogeneity of Variances

		Levene Statistic	df1	df2	Sig.
PH	Based on Mean	4.000	4	10	.034
	Based on Median	.250	4	10	.903
	Based on Median and with adjusted df	.250	4	8.000	.902
	Based on trimmed mean	3.151	4	10	.064

### ANOVA

PH

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	.009	4	.002	.875	.512
Within Groups	.027	10	.003		
Total	.036	14			

Lampiran. 7 Dokumentasi Penelitian



Ket. Proses Pencampuran Ransum



Ket. Proses Pemasukan Ransum ke Mesin

Ket. Proses Penimbangan



Ket. Proses Pemasukan Ransum

Ket. Proses Pengumpulan Susu



Ket. Proses Pengukuran pH



Ket. Proses Pengukuran Lakto



Ket. Proses Pengukuran Susu



Ket. Proses Pengukuran Lakto



Ket. Proses Pemerahan Susu



Ket. Proses Foto Bersama

## RIWAYAT HIDUP



**Silvi** lahir di Pinrang pada tanggal 21 Mei 2000, sebagai anak pertama dari empat bersaudara, dari pasangan Bapak Sahi dan Ibu Hasna. Pendidikan formal yang telah ditempuh oleh penulis yakni sebagai murid di SDN 225 Lembang pada Tahun 2006-2012, kemudian melanjutkan Sekolah Menengah Pertama di SMP Negeri 1 Lembang Tahun 2012-2015; dan melanjutkan Sekolah Menengah Pertama di SMA Negeri 8 Pinrang Tahun 2015-2018. Setelah menyelesaikan Sekolah Menengah Atas, pada tahun yang sama penulis diterima di Perguruan Tinggi Negeri (PTN) Fakultas Peternakan Universitas Hasanuddin (Unhas) Makassar. Saat ini penulis mengikuti beberapa organisasi yaitu Himpunan Mahasiswa Produksi Ternak (HIMAPROTEK-UH), Komunitas Olahraga Mahasiswa Peternakan (KOMPAS-UH), dan UKM Tenis Lapangan (UTILMA) Universitas Hasanuddin. Penulis berharap kedepannya bisa menyelesaikan studi S1 dengan tepat waktu yaitu 4 tahun dan mendapatkan pekerjaan dan dapat membahagiakan serta membantu orang tua untuk membiayai adik melanjutkan Pendidikan.