

LAMPIRAN 1. Lokasi Karamba dan Pemilik Karamba Ikan di Rawa Pening

1. Budidaya karamba ikan yang diberi pakan pellet buatan sendiri

Nama pemilik : Susilo
Alamat : Kebondowo RT 01/ X
Lokasi karamba : Taleng Alit

2. Budidaya Karamba ikan yang diberi pakan pellet komersial

Nama pemilik : Zamrodin
Alamat : Kalibeji, Sukodono
Lokasi karamba : Taleng Alit

3. Budidaya Karamba ikan yang diberi pakan cethul

Nama pemilik : Siswanto
Alamat : Kebondowo
Lokasi karamba : Puteran

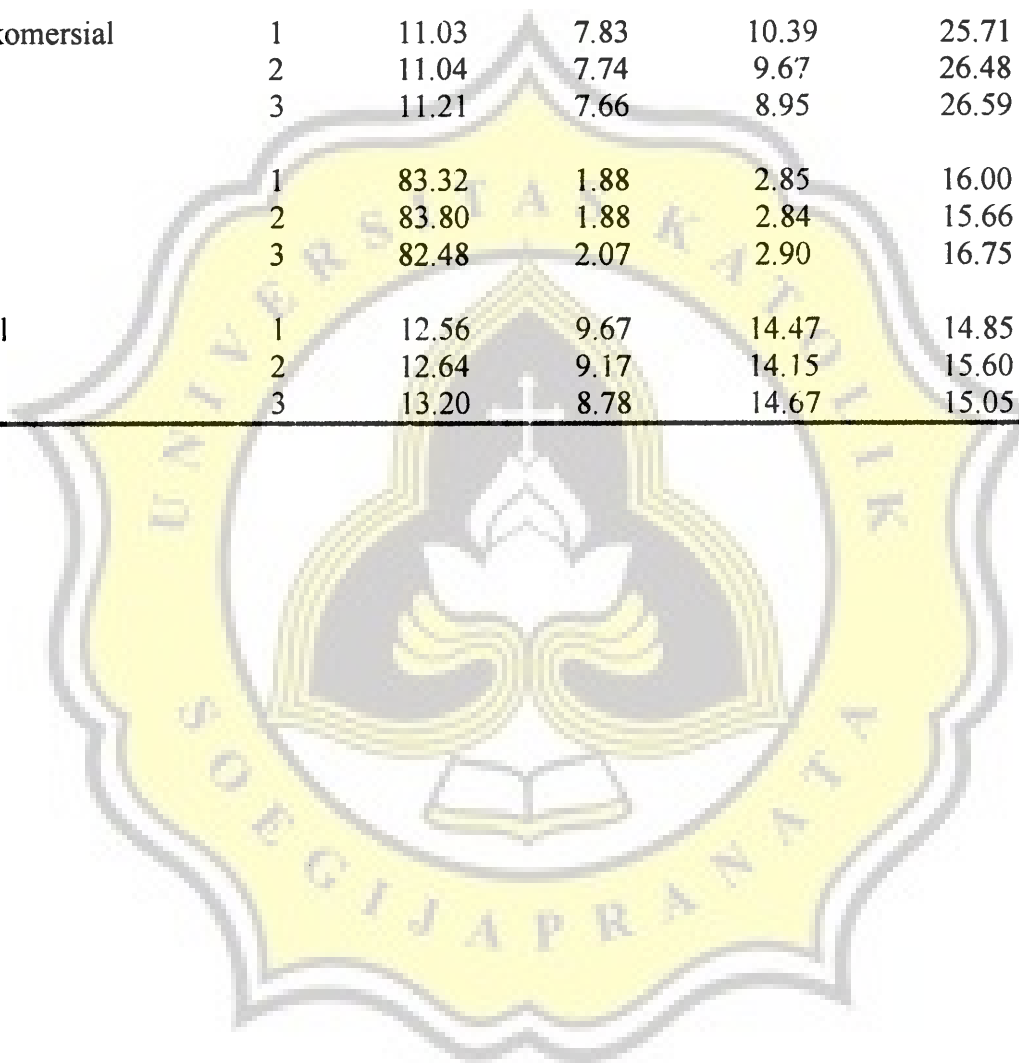
4. Budidaya Karamba ikan yang diberi pakan bekatul

Nama pemilik : Hartono
Alamat : Kebondowo RT 03/ XI
Lokasi karamba : Puteran



LAMPIRAN 2. Data Analisa Kimia Pakan Ikan

Jenis	Ulangan	Parameter			
		Kdr. Air (%)	Kdr. Abu (%)	Kdr. Lemak (%)	Kdr. Protein (%)
Pellet buatan sendiri	1	10.90	11.44	10.08	18.10
	2	10.86	11.44	10.39	18.89
	3	11.28	11.30	9.50	19.11
Pellet komersial	1	11.03	7.83	10.39	25.71
	2	11.04	7.74	9.67	26.48
	3	11.21	7.66	8.95	26.59
Cethul	1	83.32	1.88	2.85	16.00
	2	83.80	1.88	2.84	15.66
	3	82.48	2.07	2.90	16.75
Bekatul	1	12.56	9.67	14.47	14.85
	2	12.64	9.17	14.15	15.60
	3	13.20	8.78	14.67	15.05



LAMPIRAN 3. Hasil Anova Satu Arah Analisa Kimia Pakan Ikan

KADAR AIR

Descriptives

KADR_AIR

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
Pellet buatan sendiri	3	11.0133	.2318	.1338	10.4375	11.5892	10.86	11.28
Pellet komersial	3	11.0933	.1012	5.840E-02	10.8420	11.3446	11.03	11.21
cethul	3	12.9900	1.2275	.7087	9.9408	16.0392	12.16	14.40
bekatul	3	12.8000	.3487	.2013	11.9338	13.6662	12.56	13.20
Total	12	11.9742	1.1129	.3213	11.2671	12.6813	10.86	14.40

ANOVA

KADR_AIR

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	10.239	3	3.413	8.067	.008
Within Groups	3.385	8	.423		
Total	13.623	11			

Post Hoc Tests Homogeneous Subsets

KADR_AIR

Duncan^a

PERLAKUA	N	Subset for alpha = .05	
		1	2
Pellet buatan sendiri	3	11.0133	
Pellet komersial	3	11.0933	
bekatul	3		12.8000
cethul	3		12.9900
Sig.		.884	.730

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

LANJUTAN LAMPIRAN 3

KADAR ABU

Descriptives

KDR_ABU

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
Pellet buatan sendiri	3	11.3933	8.083E-02	1.667E-02	11.1925	11.5941	11.30	11.44
Pellet komersial	3	7.7433	8.505E-02	1.910E-02	7.5321	7.9546	7.66	7.83
cethul	3	1.9433	.1097	6.333E-02	1.6708	2.2158	1.88	2.07
bekatul	3	9.2067	.4461	.2576	8.0984	10.3149	8.78	9.67
Total	12	7.5717	3.6607	1.0568	5.2458	9.8976	1.88	11.44

ANOVA

KDR_ABU

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	146.958	3	48.986	871.507	.000
Within Groups	.450	8	5.621E-02		
Total	147.408	11			

Post Hoc Tests Homogeneous Subsets

KDR_ABU

Duncan^a

PERLAKUA	N	Subset for alpha = .05			
		1	2	3	4
cethul	3	1.9433			
Pellet komersial	3		7.7433		
bekatul	3			9.2067	
Pellet buatan sendiri	3				11.3933
Sig.		1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

LANJUTAN LAMPIRAN 3

KADAR LEMAK

Descriptives

KDR_LMK

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
Pellet buatan sendiri	3	9.9900	.4518	.2608	8.8677	11.1123	9.50	10.39
Pellet komersial	3	9.6700	.7200	.4157	7.8814	11.4586	8.95	10.39
cethul	3	2.8633	3.215E-02	1.856E-02	2.7835	2.9432	2.84	2.90
bekatul	3	14.4300	.2623	.1514	13.7784	15.0816	14.15	14.67
Total	12	9.2383	4.3340	1.2511	6.4846	11.9920	2.84	14.67

ANOVA

KDR_LMK

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	205.036	3	68.345	345.033	.000
Within Groups	1.585	8	.198		
Total	206.621	11			

Post Hoc Tests Homogeneous Subsets

KDR_LMK

Duncan^a

PERLAKUA	N	Subset for alpha = .05		
		1	2	3
cethul	3	2.8633		
Pellet komersial	3		9.6700	
Pellet buatan sendiri	3		9.9900	
bekatul	3			14.4300
Sig.		1.000	.404	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

LANJUTAN LAMPIRAN 3

KADAR PROTEIN

Descriptives

KDR_PROT

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
Pellet buatan sendiri	3	18.7000	.5311	.3066	17.3806	20.0194	18.10	19.11
Pellet komersial	3	26.2567	.4852	.2801	25.0513	27.4620	25.70	26.59
cethul	3	16.4700	1.1215	.6475	13.6841	19.2559	15.66	17.75
bekatul	3	15.1667	.3884	.2242	14.2019	16.1314	14.85	15.60
Total	12	19.1483	4.5239	1.3059	16.2740	22.0227	14.85	26.59

ANOVA

KDR_PROT

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	221.270	3	73.757	153.175	.000
Within Groups	3.852	8	.482		
Total	225.122	11			

Post Hoc Tests Homogeneous Subsets

KDR_PROT

Duncan^a

PERLAKUA	N	Subset for alpha = .05		
		1	2	3
bekatul	3	15.1667		
cethul	3	16.4700		
Pellet buatan sendiri	3		18.7000	
Pellet komersial	3			26.2567
Sig.		.050	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

LAMPIRAN 4. Data Analisa Kimia Ikan

Jenis Ikan	Ulangan	Parameter			
		Kdr. Air (%)	Kdr. Abu (%)	Kdr. Lemak (%)	Kdr. Protein (%)
A	1	79.71	1.07	3.31	12.01
	2	78.36	1.15	3.67	11.82
	3	81.69	0.92	3.26	12.05
B	1	83.87	0.86	2.44	11.47
	2	80.60	1.34	2.93	12.91
	3	82.87	1.07	2.60	12.29
C	1	77.74	1.20	4.25	9.59
	2	76.97	1.17	4.97	9.28
	3	76.97	1.08	4.89	10.39
D	1	78.55	1.06	2.42	9.39
	2	78.47	0.80	2.16	8.37
	3	78.12	0.91	2.46	9.27
E	1	82.09	0.78	1.94	11.04
	2	82.43	0.86	1.84	11.20
	3	82.89	0.82	1.56	10.97

Keterangan

ABCDE adalah pengelompokan ikan berdasarkan jenis pakannya: A (pellet buatan sendiri), B (pellet komersial), C (cethul), D (bekatul).

LAMPIRAN 5. Hasil Anova Satu Arah Analisa Kimia Ikan

KADAR AIR

Descriptives

KDR_AIR

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
A	3	79.9200	1.6749	.9670	75.7593	84.0807	78.36	81.69
B	3	82.4467	1.6756	.9674	78.2842	86.6091	80.60	83.87
C	3	76.9933	.7353	.4245	75.1668	78.8199	76.27	77.74
D	3	78.3800	.2287	.1320	77.8119	78.9481	78.12	78.55
E	3	82.4700	.4015	.2318	81.4726	83.4674	82.09	82.89
Total	15	80.0420	2.4492	.6324	78.6857	81.3983	76.27	83.87

ANOVA

KDR_AIR

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	71.247	4	17.812	13.987	.000
Within Groups	12.734	10	1.273		
Total	83.981	14			

Post Hoc Tests Homogeneous Subsets

KDR_AIR

Duncan^a

JNS IKAN	N	Subset for alpha = .05		
		1	2	3
C	3	76.9933		
D	3	78.3800	78.3800	
A	3		79.9200	
B	3			82.4467
E	3			82.4700
Sig.		.163	.126	.980

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

LANJUTAN LAMPIRAN 5

KADAR ABU

Descriptives

KDR_ABU

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
A	3	1.0467	.1168	6.741E-02	.7566	1.3367	.92	1.15
B	3	1.0900	.2406	.1389	.4923	1.6877	.86	1.34
C	3	1.1500	6.245E-02	3.606E-02	.9949	1.3051	1.08	1.20
D	3	.9233	.1305	7.535E-02	.5991	1.2475	.80	1.06
E	3	.8200	4.000E-02	2.309E-02	.7206	.9194	.78	.86
Total	15	1.0060	.1692	4.369E-02	.9123	1.0997	.78	1.34

ANOVA

KDR_ABU

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	.213	4	5.316E-02	2.825	.083
Within Groups	.188	10	1.881E-02		
Total	.401	14			

Post Hoc Tests Homogeneous Subsets

KDR_ABU

Duncan^a

JNS_IKAN	N	Subset for alpha = .05	
		1	2
E	3	.8200	
D	3	.9233	.9233
A	3	1.0467	1.0467
B	3		1.0900
C	3		1.1500
Sig.		.082	.088

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean; Sample Size = 3.000.

LANJUTAN LAMPIRAN 5

KADAR LEMAK

Descriptives

KDR_LMK

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
A	3	3.4133	.2237	.1291	2.8577	3.9690	3.26	3.67
B	3	2.6567	.2499	.1443	2.0360	3.2774	2.44	2.93
C	3	4.7033	.3946	.2278	3.7230	5.6837	4.25	4.97
D	3	2.3467	.1629	9.404E-02	1.9420	2.7513	2.16	2.46
E	3	1.7800	.1970	.1137	1.2907	2.2693	1.56	1.94
Total	15	2.9800	1.0683	.2758	2.3884	3.5716	1.56	4.97

ANOVA

KDR_LMK

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	15.310	4	3.827	57.378	.000
Within Groups	.667	10	6.671E-02		
Total	15.977	14			

Post Hoc Tests Homogeneous Subsets

KDR_LMK

Duncan^a

JNS IKAN	N	Subset for alpha = .05			
		1	2	3	4
E	3	1.7800			
D	3		2.3467		
B	3		2.6567		
A	3			3.4133	
C	3				4.7033
Sig.		1.000	.172	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

LANJUTAN LAMPIRAN 5

KADAR PROTEIN

Descriptives

KDR_PROT

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
A	3	11.9600	.1229	7.095E-02	11.6547	12.2653	11.82	12.05
B	3	12.2233	.7223	.4170	10.4290	14.0177	11.47	12.91
C	3	9.7533	.5727	.3307	8.3306	11.1761	9.28	10.39
D	3	9.0100	.5575	.3219	7.6251	10.3949	8.37	9.39
E	3	11.0700	.1179	6.807E-02	10.7771	11.3629	10.97	11.20
Total	15	10.8033	1.3525	.3492	10.0543	11.5523	8.37	12.91

ANOVA

KDR_PROT

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	23.232	4	5.808	24.412	.000
Within Groups	2.379	10	.238		
Total	25.611	14			

Post Hoc Tests
Homogeneous Subsets

KDR_PROT

Duncan^a

JNS IKAN	N	Subset for alpha = .05		
		1	2	3
D	3	9.0100		
C	3	9.7533		
E	3		11.0700	
A	3			11.9600
B	3			12.2233
Sig.		.092	1.000	.523

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

LAMPIRAN 6. Hasil Analisa Korelasi antara Sifat Kimia Pakan Ikan dengan Kimia Ikan

Kadar Abu Pakan dengan Kadar Abu, Lemak dan Protein ikan

Correlations

Descriptive Statistics

	Mean	Std. Deviation	N
KDR_ABU	7.5717	3.6607	12
KADR_ABU	1.0525	.1560	12
KADR_LMK	3.2800	.9770	12
KADR_PRO	10.7367	1.5171	12

Correlations

		KDR_PROT	KADR_ABU	KADR_LMK	KADR_PRO
KDR_PROT	Pearson Correlation	1.000	.190	-.276	.795**
	Sig. (2-tailed)	.	.555	.385	.002
	N	12	12	12	12
KADR_ABU	Pearson Correlation	.190	1.000	.519	.350
	Sig. (2-tailed)	.555	.	.084	.265
	N	12	12	12	12
KADR_LMK	Pearson Correlation	-.276	.519	1.000	-.069
	Sig. (2-tailed)	.385	.084	.	.832
	N	12	12	12	12
KADR_PRO	Pearson Correlation	.795**	.350	-.069	1.000
	Sig. (2-tailed)	.002	.265	.832	.
	N	12	12	12	12

** . Correlation is significant at the 0.01 level (2-tailed).

Kadar Lemak Pakan dengan Kadar Abu, Lemak dan Protein Ikan

Correlations

Descriptive Statistics

	Mean	Std. Deviation	N
KDR_LMK	9.2383	4.3340	12
KADR_ABU	1.0525	.1560	12
KADR_LMK	3.2800	.9770	12
KADR_PRO	10.7367	1.5171	12

Correlations

		KDR_LMK	KADR_ABU	KADR_LMK	KADR_PRO
KDR_LMK	Pearson Correlation	1.000	-.518	-.904**	-.052
	Sig. (2-tailed)	.	.084	.000	.871
	N	12	12	12	12
KADR_ABU	Pearson Correlation	-.518	1.000	.519	.350
	Sig. (2-tailed)	.084	.	.084	.265
	N	12	12	12	12
KADR_LMK	Pearson Correlation	-.904**	.519	1.000	-.069
	Sig. (2-tailed)	.000	.084	.	.832
	N	12	12	12	12
KADR_PRO	Pearson Correlation	-.052	.350	-.069	1.000
	Sig. (2-tailed)	.871	.265	.832	.
	N	12	12	12	12

** . Correlation is significant at the 0.01 level (2-tailed).

Kadar Protein Pakan dengan Kadar abu, lemak dan Protein Ikan

Correlations

Descriptive Statistics

	Mean	Std. Deviation	N
KDR_PROT	19.1483	4.5239	12
KADR_ABU	1.0525	.1560	12
KADR_LMK	3.2800	.9770	12
KADR_PRO	10.7367	1.5171	12

Correlations

		KDR_PROT	KADR_ABU	KADR_LMK	KADR_PRO
KDR_PROT	Pearson Correlation	1.000	.190	-.276	.795**
	Sig. (2-tailed)	.	.555	.385	.002
	N	12	12	12	12
KADR_ABU	Pearson Correlation	.190	1.000	.519	.350
	Sig. (2-tailed)	.555	.	.084	.265
	N	12	12	12	12
KADR_LMK	Pearson Correlation	-.276	.519	1.000	-.069
	Sig. (2-tailed)	.385	.084	.	.832
	N	12	12	12	12
KADR_PRO	Pearson Correlation	.795**	.350	-.069	1.000
	Sig. (2-tailed)	.002	.265	.832	.
	N	12	12	12	12

** . Correlation is significant at the 0.01 level (2-tailed).

LAMPIRAN 7. Data Analisa Fisik Ikan

Jenis Ikan	Ulangan	Parameter				
		Panjang (cm)	Lebar (cm)	Tebal (cm)	Berat (gram)	<i>Edible portion (%)</i>
A	1	18.85	6.47	2.72	134.23	44.27
	2	19.36	6.80	2.91	152.65	44.85
	3	19.58	6.79	2.88	144.18	45.93
	4	20.10	7.25	3.00	160.92	43.74
	5	19.20	6.70	2.80	142.52	43.84
	6	19.28	6.50	2.75	140.73	44.27
B	1	20.10	7.95	2.73	169.66	44.74
	2	21.42	7.41	2.64	151.05	46.65
	3	22.45	7.82	2.87	164.32	44.95
	4	20.30	7.40	2.56	132.04	49.52
	5	20.04	7.50	2.66	143.99	49.02
	6	19.91	7.31	2.58	138.71	46.53
C	1	20.28	7.78	3.25	203.21	42.29
	2	22.15	7.80	2.99	190.85	42.14
	3	20.00	7.45	2.85	150.57	46.84
	4	21.50	7.40	2.75	162.42	46.19
	5	21.40	7.82	3.36	210.04	42.58
D	1	19.05	6.45	2.70	131.91	43.51
	2	18.76	6.40	2.59	127.17	43.85
	3	18.45	6.30	2.50	123.97	42.48
	4	18.72	6.35	2.53	124.42	42.19
	5	18.80	6.39	2.56	126.74	43.34
	6	19.00	6.47	2.65	130.48	43.38
	7	18.95	6.49	2.70	130.90	43.46
E	1	20.84	7.55	2.93	173.42	43.14
	2	19.40	6.87	2.86	149.98	40.34
	3	16.05	4.80	2.05	56.85	35.57
	4	19.10	6.41	2.70	135.92	41.02
	5	18.75	6.40	2.69	131.71	41.36
	6	19.25	6.73	2.80	143.87	41.95
	7	16.96	5.39	2.23	85.75	39.81

Keterangan

ABCDE adalah pengelompokan ikan berdasarkan jenis pakannya: A (pellet buatan sendiri), B (pellet komersial), C (cethul), D (bekatul).

LAMPIRAN 8. Hasil Anova Satu Arah Analisa Fisik Ikan

Descriptives

PANJANG

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
A	6	19.3950	.4197	.1713	18.9545	19.8355	18.85	20.10
B	6	20.7033	1.0159	.4148	19.6372	21.7695	19.91	22.45
C	5	21.0660	.8985	.4018	19.9504	22.1816	20.00	22.15
D	7	18.8186	.2054	7.763E-02	18.6286	19.0085	18.45	19.05
E	7	18.6214	1.6094	.6083	17.1330	20.1099	16.05	20.84
Total	31	19.6129	1.3459	.2417	19.1192	20.1066	16.05	22.45

PANJANG

ANOVA

PANJANG

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	29.274	4	7.319	7.592	.000
Within Groups	25.065	26	.964		
Total	54.339	30			

Post Hoc Tests Homogeneous Subsets

PANJANG

Duncan^{a,b}

PERLAKUA	N	Subset for alpha = .05	
		1	2
Ikan pakan alami	7	18.6214	
Ikan pakan bekatul	7	18.8186	
Ikan pkn pellet buatan sendiri	6	19.3950	
Ikan pakan pellet toko	6		20.7033
Ikan pakan cethul	5		21.0660
Sig.		.205	.524

Means for groups in homogeneous subsets are displayed.

- Uses Harmonic Mean Sample Size = 6.105.
- The group sizes are unequal. The harmonic mean of the group sizes is used. Type I error levels are not guaranteed.

LANJUTAN LAMPIRAN 8

Descriptives

LEBAR

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
A	6	6.7517	.2820	.1151	6.4558	7.0476	6.47	7.25
B	6	7.5650	.2584	.1055	7.2939	7.8361	7.31	7.95
C	5	7.6500	.2066	9.241E-02	7.3934	7.9066	7.40	7.82
D	7	6.4071	6.800E-02	2.570E-02	6.3443	6.4700	6.30	6.49
E	7	6.3071	.9285	.3509	5.4485	7.1658	4.80	7.55
Total	31	6.8758	.7267	.1305	6.6093	7.1424	4.80	7.95

LEBAR

ANOVA

LEBAR

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	9.740	4	2.435	10.376	.000
Within Groups	6.102	26	.235		
Total	15.842	30			

Post Hoc Tests Homogeneous Subsets

LEBAR

Duncan^{a,b}

PERLAKUA	N	Subset for alpha = .05	
		1	2
Ikan pakan alami	7	6.3071	
Ikan pakan bekatul	7	6.4071	
Ikan pkn pellet buatan sendiri	6	6.7517	
Ikan pakan pellet toko	6		7.5650
Ikan pakan cethul	5		7.6500
Sig.		.141	.762

Means for groups in homogeneous subsets are displayed.

- Uses Harmonic Mean Sample Size = 6.105.
- The group sizes are unequal. The harmonic mean of the group sizes is used. Type I error levels are not guaranteed.

LANJUTAN LAMPIRAN 8

Descriptives

TEBAL

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
A	6	2.8433	.1060	4.326E-02	2.7321	2.9545	2.72	3.00
B	6	2.6733	.1138	4.645E-02	2.5539	2.7927	2.56	2.87
C	5	3.0400	.2594	.1160	2.7179	3.3621	2.75	3.36
D	7	2.6043	8.059E-02	3.046E-02	2.5297	2.6788	2.50	2.70
E	7	2.6086	.3350	.1266	2.2987	2.9184	2.05	2.93
Total	31	2.7352	.2512	4.511E-02	2.6430	2.8273	2.05	3.36

TEBAL

ANOVA

TEBAL

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	.790	4	.197	4.657	.006
Within Groups	1.103	26	4.240E-02		
Total	1.892	30			

Post Hoc Tests Homogeneous Subsets

TEBAL

Duncan^{a,b}

PERLAKUA	N	Subset for alpha = .05	
		1	2
Ikan pakan bekatul	7	2.6043	
Ikan pakan alami	7	2.6086	
Ikan pakan pellet toko	6	2.6733	
Ikan pkn pellet buatan sendiri	6	2.8433	2.8433
Ikan pakan cethul	5		3.0400
Sig.		.073	.107

Means for groups in homogeneous subsets are displayed.

- Uses Harmonic Mean Sample Size = 6.105.
- The group sizes are unequal. The harmonic mean of the group sizes is used. Type I error levels are not guaranteed.

LANJUTAN LAMPIRAN 8

Descriptives

BERAT

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
A	6	145.8717	9.4706	3.8663	135.9329	155.8104	134.23	160.92
B	6	149.9617	14.6889	5.9967	134.5466	165.3767	132.04	159.66
C	5	183.4180	25.8631	11.5663	151.3047	215.5313	150.57	210.04
D	7	127.9414	3.1927	1.2067	124.9887	130.8941	123.97	131.91
E	7	138.2271	26.7272	10.1019	113.5086	162.9457	85.75	173.42
Total	31	146.9442	24.7137	4.4387	137.8791	156.0092	85.75	210.04

BERAT

ANOVA

BERAT

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	12241.153	4	3060.288	5.709	.002
Within Groups	13936.967	26	536.037		
Total	26178.120	30			

Post Hoc Tests Homogeneous Subsets

BERAT

Duncan^{a,b}

PERLAKUA	N	Subset for alpha = .05	
		1	2
Ikan pakan alami	7	125.3571	
Ikan pakan bekatul	7	127.9414	
Ikan pkn pellet buatan sendiri	6	145.8717	
Ikan pakan pellet toko	6	149.9617	
Ikan pakan cethul	5		183.4180
Sig.		.100	1.000

Means for groups in homogeneous subsets are displayed.

- Uses Harmonic Mean Sample Size = 6.105.
- The group sizes are unequal. The harmonic mean of the group sizes is used. Type I error levels are not guaranteed.

LANJUTAN LAMPIRAN 8

Descriptives

E.P

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
A	6	44.4833	.8105	.3309	43.6327	45.3339	43.74	45.93
B	6	46.9017	2.0013	.8170	44.8014	49.0019	44.74	49.52
C	5	44.0080	2.3055	1.0311	41.1453	46.8707	42.14	46.84
D	7	43.1729	.6016	.2274	42.6165	43.7292	42.19	43.85
E	7	40.4557	2.4109	.9112	38.2260	42.6854	35.57	43.14
Total	31	43.6694	2.7256	.4895	42.6696	44.6691	35.57	49.52

EDIBLE PORTION

ANOVA

E.P

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	141.254	4	35.313	11.249	.000
Within Groups	81.619	26	3.139		
Total	222.873	30			

Post Hoc Tests Homogeneous Subsets

E.P

Duncan^{a,b}

PERLAKUA	N	Subset for alpha = .05		
		1	2	3
Ikan pakan alami	7	40.4557		
Ikan pakan bekatul	7		43.1729	
Ikan pakan cethul	5		44.0080	
Ikan pkn pellet buatan sendiri	6		44.4833	
Ikan pakan pellet toko	6			46.9017
Sig.		1.000	.233	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.105.

b. The group sizes are unequal. The harmonic mean of the group sizes is used. Type I error levels are not guaranteed.

LAMPIRAN 9. Lembar Kuisioner

Kuisioner

Nama :
Umur :
Tanggal :

Di hadapan anda tersedia 5 macam ikan nila yang sudah dikukus. Anda diminta untuk memberikan penilaian terhadap ikan tersebut dengan memberi skor pada kolom yang tersedia di bawah ini !

Keterangan :

Sangat Tidak Suka Tidak Suka Biasa Suka Sangat Suka

1 2 3 4 5

Parameter Kode	Aroma	Tekstur	Rasa	Keterangan
210				
112				
346				
189				
330				

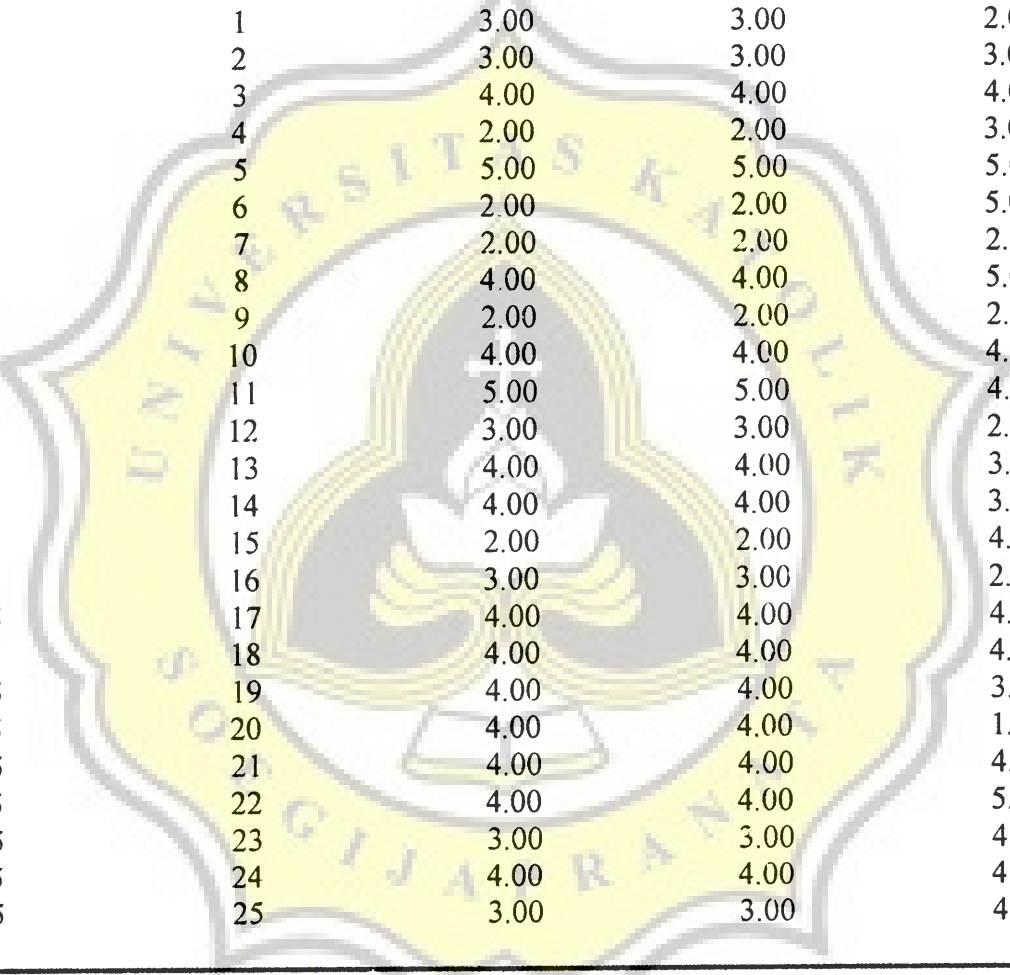
Terima kasih atas partisipasinya

LAMPIRAN 10. Data Analisa Sensori Ikan

Jenis Ikan	ulangan	Parameter		
		Aroma	Tekstur	Rasa
1	1	3.00	3.00	4.00
1	2	5.00	5.00	1.00
1	3	3.00	3.00	3.00
1	4	3.00	3.00	3.00
1	5	3.00	3.00	2.00
1	6	4.00	4.00	4.00
1	7	2.00	2.00	3.00
1	8	3.00	3.00	2.00
1	9	2.00	2.00	4.00
1	10	4.00	4.00	3.00
1	11	4.00	4.00	4.00
1	12	2.00	2.00	3.00
1	13	2.00	2.00	3.00
1	14	3.00	3.00	2.00
1	15	3.00	3.00	3.00
1	16	3.00	3.00	2.00
1	17	3.00	3.00	2.00
1	18	4.00	4.00	4.00
1	19	4.00	4.00	4.00
1	20	3.00	3.00	3.00
1	21	4.00	4.00	2.00
1	22	2.00	2.00	4.00
1	23	3.00	3.00	2.00
1	24	2.00	2.00	4.00
1	25	4.00	4.00	3.00
2	1	3.00	3.00	3.00
2	2	2.00	2.00	2.00
2	3	3.00	3.00	4.00
2	4	2.00	2.00	2.00
2	5	4.00	4.00	3.00
2	6	5.00	5.00	3.00
2	7	3.00	3.00	2.00
2	8	4.00	4.00	5.00
2	9	4.00	4.00	3.00
2	10	3.00	3.00	2.00
2	11	4.00	4.00	4.00
2	12	2.00	2.00	2.00
2	13	4.00	4.00	3.00
2	14	4.00	4.00	1.00
2	15	5.00	5.00	4.00
2	16	2.00	2.00	3.00
2	17	3.00	3.00	3.00

2	18	4.00	4.00	4.00
2	19	4.00	4.00	4.00
2	20	5.00	5.00	4.00
2	21	5.00	5.00	4.00
2	22	3.00	3.00	1.00
2	23	3.00	3.00	4.00
2	24	4.00	4.00	3.00
2	25	3.00	3.00	3.00
3	1	3.00	3.00	4.00
3	2	2.00	2.00	2.00
3	3	3.00	3.00	3.00
3	4	2.00	2.00	2.00
3	5	4.00	4.00	5.00
3	6	3.00	3.00	4.00
3	7	3.00	3.00	3.00
3	8	2.00	2.00	3.00
3	9	3.00	3.00	3.00
3	10	3.00	3.00	2.00
3	11	4.00	4.00	4.00
3	12	3.00	3.00	4.00
3	13	3.00	3.00	3.00
3	14	4.00	4.00	4.00
3	15	5.00	5.00	4.00
3	16	4.00	4.00	3.00
3	17	4.00	4.00	4.00
3	18	3.00	3.00	3.00
3	19	4.00	4.00	4.00
3	20	5.00	5.00	5.00
3	21	2.00	2.00	5.00
3	22	4.00	4.00	4.00
3	23	3.00	3.00	3.00
3	24	2.00	2.00	3.00
3	25	3.00	3.00	3.00
4	1	3.00	3.00	2.00
4	2	4.00	4.00	4.00
4	3	4.00	4.00	3.00
4	4	4.00	4.00	4.00
4	5	4.00	4.00	4.00
4	6	1.00	1.00	3.00
4	7	3.00	3.00	1.00
4	8	5.00	5.00	4.00
4	9	5.00	5.00	5.00
4	10	4.00	4.00	5.00
4	11	4.00	4.00	5.00
4	12	3.00	3.00	2.00
4	13	3.00	3.00	3.00

4	14	3.00	3.00	2.00
4	15	3.00	3.00	3.00
4	16	4.00	4.00	3.00
4	17	3.00	3.00	3.00
4	18	2.00	2.00	1.00
4	19	4.00	4.00	4.00
4	20	5.00	5.00	2.00
4	21	3.00	3.00	3.00
4	22	4.00	4.00	4.00
4	23	3.00	3.00	4.00
4	24	4.00	4.00	4.00
4	25	3.00	3.00	3.00
5	1	3.00	3.00	2.00
5	2	3.00	3.00	3.00
5	3	4.00	4.00	4.00
5	4	2.00	2.00	3.00
5	5	5.00	5.00	5.00
5	6	2.00	2.00	5.00
5	7	2.00	2.00	2.00
5	8	4.00	4.00	5.00
5	9	2.00	2.00	2.00
5	10	4.00	4.00	4.00
5	11	5.00	5.00	4.00
5	12	3.00	3.00	2.00
5	13	4.00	4.00	3.00
5	14	4.00	4.00	3.00
5	15	2.00	2.00	4.00
5	16	3.00	3.00	2.00
5	17	4.00	4.00	4.00
5	18	4.00	4.00	4.00
5	19	4.00	4.00	3.00
5	20	4.00	4.00	1.00
5	21	4.00	4.00	4.00
5	22	4.00	4.00	5.00
5	23	3.00	3.00	4.00
5	24	4.00	4.00	4.00
5	25	3.00	3.00	4.00



LAMPIRAN 11. Tabulasi Silang Antara Penerimaan Panelis dan Sensoris Ikan

Crosstabs

PERLAKUA * AROMA Crosstabulation

		AROMA					Total
		1.00	2.00	3.00	4.00	5.00	
PERLAKUA A	Count	0	11	7	6	1	25
	Expected Count	.2	6.6	8.0	7.8	2.4	25.0
	% within PERLAKUA	.0%	44.0%	28.0%	24.0%	4.0%	100.0%
	% within AROMA	.0%	33.3%	17.5%	15.4%	8.3%	20.0%
	% of Total	.0%	8.8%	5.6%	4.8%	.8%	20.0%
B	Count	0	8	6	9	2	25
	Expected Count	.2	6.6	8.0	7.8	2.4	25.0
	% within PERLAKUA	.0%	32.0%	24.0%	36.0%	8.0%	100.0%
	% within AROMA	.0%	24.2%	15.0%	23.1%	16.7%	20.0%
	% of Total	.0%	6.4%	4.8%	7.2%	1.6%	20.0%
C	Count	1	6	7	10	1	25
	Expected Count	.2	6.6	8.0	7.8	2.4	25.0
	% within PERLAKUA	4.0%	24.0%	28.0%	40.0%	4.0%	100.0%
	% within AROMA	100.0%	18.2%	17.5%	25.6%	8.3%	20.0%
	% of Total	.8%	4.8%	5.6%	8.0%	.8%	20.0%
D	Count	0	4	11	6	4	25
	Expected Count	.2	6.6	8.0	7.8	2.4	25.0
	% within PERLAKUA	.0%	16.0%	44.0%	24.0%	16.0%	100.0%
	% within AROMA	.0%	12.1%	27.5%	15.4%	33.3%	20.0%
	% of Total	.0%	3.2%	8.8%	4.8%	3.2%	20.0%
E	Count	0	4	9	8	4	25
	Expected Count	.2	6.6	8.0	7.8	2.4	25.0
	% within PERLAKUA	.0%	16.0%	36.0%	32.0%	16.0%	100.0%
	% within AROMA	.0%	12.1%	22.5%	20.5%	33.3%	20.0%
	% of Total	.0%	3.2%	7.2%	6.4%	3.2%	20.0%
Total	Count	1	33	40	39	12	125
	Expected Count	1.0	33.0	40.0	39.0	12.0	125.0
	% within PERLAKUA	.8%	26.4%	32.0%	31.2%	9.6%	100.0%
	% within AROMA	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
	% of Total	.8%	26.4%	32.0%	31.2%	9.6%	100.0%

LANJUTAN LAMPIRAN 11

PERLAKUA * TEKSTUR Crosstabulation

		TEKSTUR					Total
		1.00	2.00	3.00	4.00	5.00	
PERLAKUA A	Count	0	6	11	7	1	25
	Expected Count	.2	4.2	9.2	9.0	2.4	25.0
	% within PERLAKUA	.0%	24.0%	44.0%	28.0%	4.0%	100.0%
	% within TEKSTUR	.0%	28.6%	23.9%	15.6%	8.3%	20.0%
	% of Total	.0%	4.8%	8.8%	5.6%	.8%	20.0%
B	Count	0	4	8	9	4	25
	Expected Count	.2	4.2	9.2	9.0	2.4	25.0
	% within PERLAKUA	.0%	16.0%	32.0%	36.0%	16.0%	100.0%
	% within TEKSTUR	.0%	19.0%	17.4%	20.0%	33.3%	20.0%
	% of Total	.0%	3.2%	6.4%	7.2%	3.2%	20.0%
C	Count	0	5	11	7	2	25
	Expected Count	.2	4.2	9.2	9.0	2.4	25.0
	% within PERLAKUA	.0%	20.0%	44.0%	28.0%	8.0%	100.0%
	% within TEKSTUR	.0%	23.8%	23.9%	15.6%	16.7%	20.0%
	% of Total	.0%	4.0%	8.8%	5.6%	1.6%	20.0%
D	Count	1	1	10	10	3	25
	Expected Count	.2	4.2	9.2	9.0	2.4	25.0
	% within PERLAKUA	4.0%	4.0%	40.0%	40.0%	12.0%	100.0%
	% within TEKSTUR	100.0%	4.8%	21.7%	22.2%	25.0%	20.0%
	% of Total	.8%	.8%	8.0%	8.0%	2.4%	20.0%
E	Count	0	5	6	12	2	25
	Expected Count	.2	4.2	9.2	9.0	2.4	25.0
	% within PERLAKUA	.0%	20.0%	24.0%	48.0%	8.0%	100.0%
	% within TEKSTUR	.0%	23.8%	13.0%	26.7%	16.7%	20.0%
	% of Total	.0%	4.0%	4.8%	9.6%	1.6%	20.0%
Total	Count	1	21	46	45	12	125
	Expected Count	1.0	21.0	46.0	45.0	12.0	125.0
	% within PERLAKUA	.8%	16.8%	36.8%	36.0%	9.6%	100.0%
	% within TEKSTUR	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
	% of Total	.8%	16.8%	36.8%	36.0%	9.6%	100.0%

LANJUTAN LAMPIRAN 11

PERLAKUA * RASA Crosstabulation

			RASA					Total
			1.00	2.00	3.00	4.00	5.00	
PERLAKUA A	Count	0	6	11	7	1	25	
	Expected Count	.2	4.2	9.2	9.0	2.4	25.0	
	% within PERLAKUA	.0%	24.0%	44.0%	28.0%	4.0%	100.0%	
	% within RASA	.0%	28.6%	23.9%	15.6%	8.3%	20.0%	
	% of Total	.0%	4.8%	8.8%	5.6%	.8%	20.0%	
B	Count	0	4	8	9	4	25	
	Expected Count	.2	4.2	9.2	9.0	2.4	25.0	
	% within PERLAKUA	.0%	16.0%	32.0%	36.0%	16.0%	100.0%	
	% within RASA	.0%	19.0%	17.4%	20.0%	33.3%	20.0%	
	% of Total	.0%	3.2%	6.4%	7.2%	3.2%	20.0%	
C	Count	0	5	11	7	2	25	
	Expected Count	.2	4.2	9.2	9.0	2.4	25.0	
	% within PERLAKUA	.0%	20.0%	44.0%	28.0%	8.0%	100.0%	
	% within RASA	.0%	23.8%	23.9%	15.6%	16.7%	20.0%	
	% of Total	.0%	4.0%	8.8%	5.6%	1.6%	20.0%	
D	Count	1	1	10	10	3	25	
	Expected Count	.2	4.2	9.2	9.0	2.4	25.0	
	% within PERLAKUA	4.0%	4.0%	40.0%	40.0%	12.0%	100.0%	
	% within RASA	100.0%	4.8%	21.7%	22.2%	25.0%	20.0%	
	% of Total	.8%	.8%	8.0%	8.0%	2.4%	20.0%	
E	Count	0	5	6	12	2	25	
	Expected Count	.2	4.2	9.2	9.0	2.4	25.0	
	% within PERLAKUA	.0%	20.0%	24.0%	48.0%	8.0%	100.0%	
	% within RASA	.0%	23.8%	13.0%	26.7%	16.7%	20.0%	
	% of Total	.0%	4.0%	4.8%	9.6%	1.6%	20.0%	
Total	Count	1	21	46	45	12	125	
	Expected Count	1.0	21.0	46.0	45.0	12.0	125.0	
	% within PERLAKUA	.8%	16.8%	36.8%	36.0%	9.6%	100.0%	
	% within RASA	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	
	% of Total	.8%	16.8%	36.8%	36.0%	9.6%	100.0%	

LAMPIRAN 12. Data Prosentase Kesukaan Panelis Terhadap Aroma, Tekstur dan Rasa Ikan

Jenis Ikan	Parameter		
	Aroma (%)	Tekstur (%)	Rasa (%)
A	28	32	32
B	44	52	36
C	44	36	48
D	40	52	44
E	48	56	56

