Lampiran 1. Pengukuran Berat Rata-rata Benih Ikan Baung selama Penelitian

Perlakuan/ Ulangan		Sampling minggu ke ..... (gram)					Pertambahan Berat
		0	1	2	3	4	
P_{100}	1	1,5	2,74	3,34	4,62	5,76	4,26
	2	1,5	2,66	3,28	4,64	5,84	4,34
	3	1,5	2,62	3,32	4,46	5,84	4,34
Jumlah		4,5	8,02	9,94	13,72	17,44	12,94
Rata-rata		1,5	2,67	3,31	4,57	5,81	4,31*
$KP_{25}D_{75}$	1	1,5	2,16	2,28	4,50	6,04	4,54
	2	1,5	2,08	2,82	4,44	5,94	4,44
	3	1,5	2,06	2,92	4,36	6,10	4,60
Jumlah		4,5	6,3	8,62	13,3	18,08	13,58
Rata-rata		1,5	2,1	2,87	4,43	6,03	4,53
$KP_{50}D_{50}$	1	1,5	2,28	3,40	4,76	6,48	4,98
	2	1,5	2,32	3,24	4,74	6,32	4,82
	3	1,5	2,36	3,38	4,82	6,38	4,88
Jumlah		4,5	6,96	10,02	14,32	19,18	14,68
Rata-rata		1,5	2,32	3,34	4,77	6,39	4,89
$KP_{75}D_{25}$	1	1,5	2,26	3,18	4,90	6,84	5,34
	2	1,5	2,28	3,22	4,96	6,78	5,28
	3	1,5	2,16	3,28	5,04	6,92	5,42
Jumlah		4,5	6,7	9,68	14,9	20,54	16,04
Rata-rata		1,5	2,23	3,23	4,97	6,85	5,35**

Lampiran 2. Pengukuran Panjang Rata-rata Benih Ikan Baung selama Penelitian

Perlakuan/ Ulangan		Sampling minggu ke ..... (gram)					Pertambahan Panjang
		0	1	2	3	4	
P_{100}	1	4,0	5,50	6,44	7,02	7,60	3,60
	2	4,0	5,52	6,36	7,04	7,68	3,68
	3	4,0	5,40	6,40	6,98	7,68	3,68
Rata-rata		4,0	5,47	6,40	7,01	7,65	3,65
$KP_{25}D_{75}$	1	4,0	5,32	6,44	7,10	7,86	3,86
	2	4,0	5,38	6,38	7,08	7,88	3,88
	3	4,0	5,20	6,40	7,08	8,08	4,08
Rata-rata		4,0	5,30	6,41	7,09	7,94	3,94
$KP_{50}D_{50}$	1	4,0	5,42	6,68	7,18	8,32	4,32
	2	4,0	5,44	6,44	7,18	8,20	4,20
	3	4,0	5,38	6,54	7,14	8,22	4,22
Rata-rata		4,0	5,41	6,55	7,17	8,25	4,25
$KP_{75}D_{25}$	1	4,0	5,38	6,50	7,22	8,60	4,60
	2	4,0	5,40	6,40	7,14	8,64	4,64
	3	4,0	5,30	6,48	7,22	8,76	4,76
Rata-rata		4,0	5,36	6,46	7,19	8,67	4,67

Lampiran 3. Rata-rata Tingkat Kelulushidupan Benih Ikan Baung pada Tiap Perlakuan

Perlakuan	Ulangan	Pengamatan ke-				
		0	1	2	3	4
P_{100}	1	1	-	1	-	1
	2	-	1	1	-	2
	3	1	-	-	1	-
$KP_{25}D_{75}$	1	1	-	-	1	1
	2	-	-	-	1	1
	3	-	1	-	2	-
$KP_{50}D_{50}$	1	-	1	-	-	1
	2	-	-	-	1	-
	3	-	-	-	1	1
$KP_{75}D_{25}$	1	-	-	-	1	-
	2	-	-	-	-	1
	3	-	-	1	-	1

Lampiran 4. Rata-rata Parameter Kualitas Air selama Penelitian

Perlakuan / Parameter	Pengamatan / Hari																			
	0	3	6	9	12	15	18	21	24	27	30	33	36	39	42	45	48	51	54	57
P_{100} (suhu ^{0}C)	28	27	27	27	27	27	28,5	27	27	26	27	27	27	26	27	27	27	28	27	27
PH	5,0	5,0	5,0	5,0	5,0	5,0	5,5	5,5	5,5	5,5	5,5	5,5	5,5	6,0	6,0	6,0	6,0	6,0	6,0	6,0
$KP_{25}D_{75}$ (suhu ^{0}C)	28	28	27	27	28,5	27	28	27	27	26	27	27	27	26	27	27	27	28	27	27
PH	5,0	5,0	5,0	5,0	5,5	5,5	5,5	6,0	6,0	6,0	6,0	6,0	6,5	7	7	7	7	7	7	7
$KP_{50}D_{50}$ (suhu ^{0}C)	28	28	27	27	28	27	28	27	27	26	27	27	27	26	27	27	27	28	27	27
PH	5,0	5,0	5,0	5,5	5,5	5,5	6,0	6,0	6,0	6,5	6,5	7	7	7	7	7	7	7	7	7
$KP_{75}D_{25}$ (suhu ^{0}C)	28	27	27	27	28	27	28	27	27	26	27	27	27	26	27	27	27	28	27	27
PH	5,0	5,0	5,0	5,5	5,5	5,5	5,5	6,0	6,0	6,5	7	7	7	7	7	7	7	7	7	7,5

Perlakuan / Parameter		Pengamatan ke ..... (ppm)		
		Awal	Tengah	Akhir
P_{100}	DO	5,7	5,0	4,6
	CO_2	6,4	8,1	9,8
	Amoniak	0,011	0,458	0,686
$KP_{25}D_{75}$	DO	5,4	5,3	4,0
	CO_2	6,2	7,4	8,2
	Amoniak	0,067	0,389	0,547
$KP_{50}D_{50}$	DO	5,8	5,6	4,4
	CO_2	6,8	7,4	8,1
	Amoniak	0,043	0,113	0,480
$KP_{75}D_{25}$	DO	5,9	5,4	4,2
	CO_2	6,7	7,9	8,2
	Amoniak	0,047	0,251	0,464

Lampiran 5. Analisa Variansi (ANAVA) Rata-rata Bobot Mutlak Ikan Baung dan Uji Rentang Newman Keuls Terhadap Rata-rata Bobot Mutlak ikan Baung

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std.	Skewness	
	Statistic	Statistic	Statistic	Statistic	Statistic	Statistic	Std. Error
Data	12	4.26	5.42	4.7700	.41416	.397	.637
Valid N (listwise)	12						

Anava

Descriptives

Data

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
P100	3	4.3133	.04619	.02667	4.1986	4.4281	4.26	4.34
KP25D75	3	4.5267	.08083	.04667	4.3259	4.7275	4.44	4.60
KP50D50	3	4.8933	.08083	.04667	4.6925	5.0941	4.82	4.98
KP75D25	3	5.3467	.07024	.04055	5.1722	5.5211	5.28	5.42
Total	12	4.7700	.41416	.11956	4.5069	5.0331	4.26	5.42

Test of Homogeneity of Variances

Data

Levene Statistic	df1	df2	Sig.
.286	3	8	.835

ANOVA

Data

			Sum of Squares	df	Mean Square	F	Sig.
Between Groups	(Combined)		1.847	3	.616	122.287	.000
	Linear Term	Contrast	1.803	1	1.803	358.146	.000
		Deviation	.044	2	.022	4.358	.052
Within Groups			.040	8	.005		
Total			1.887	11			

Uji Lanjut Newman Keuls

Data

Student-Newman-Keuls[a]

Perlakuan	N	Subset for alpha = .05			
		1	2	3	4
P100	3	4.3133			
KP25D75	3		4.5267		
KP50D50	3			4.8933	
KP75D25	3				5.3467
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.

Keputusan :

Perlakuan $KP_{75}D_{25}$ berbeda nyata terhadap perlakuan $KP_{50}D_{50}$, $KP_{25}D_{75}$ dan P_{100}, perlakuan $KP_{50}D_{50}$ tidak berbeda nyata dengan perlakuan $KP_{25}D_{75}$, P_{100}, sedangkan perlakuan $KP_{25}D_{75}$ tidak berbeda nyata dengan perlakuan P_{100}.

Lampiran 6. Analisa Variansi (ANAVA) Rata-rata Panjang Mutlak Benih Ikan Baung dan Uji Rentang Newman Keuls Terhadap Rata-rata Panjang Mutlak Benih Ikan Baung

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std.	Skewness	
	Statistic	Statistic	Statistic	Statistic	Statistic	Statistic	Std. Error
Data	12	3.60	4.76	4.1267	.39894	.250	.637
Valid N (listwise)	12						

Anava

Descriptives

Data

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
P100	3	3.6533	.04619	.02667	3.5386	3.7681	3.60	3.68
KP25D75	3	3.9400	.12166	.07024	3.6378	4.2422	3.86	4.08
KP50D50	3	4.2467	.06429	.03712	4.0870	4.4064	4.20	4.32
KP75D25	3	4.6667	.08327	.04807	4.4598	4.8735	4.60	4.76
Total	12	4.1267	.39894	.11516	3.8732	4.3801	3.60	4.76

Test of Homogeneity of Variances

Data

Levene Statistic	df1	df2	Sig.
2.016	3	8	.190

ANOVA

Data

			Sum of Squares	df	Mean Square	F	Sig.
Between Groups	(Combined)		1.695	3	.565	80.698	.000
	Linear Term	Contrast	1.680	1	1.680	240.004	.000
		Deviation	.015	2	.007	1.046	.395
Within Groups			.056	8	.007		
Total			1.751	11			

Uji Lanjut Newman Keuls

Data

Student-Newman-Keuls [a]

Perlakuan	N	Subset for alpha = .05			
		1	2	3	4
P100	3	3.6533			
KP25D75	3		3.9400		
KP50D50	3			4.2467	
KP75D25	3				4.6667
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.

Keputusan :

Perlakuan $KP_{75}D_{25}$ berbeda nyata terhadap perlakuan $KP_{50}D_{50}$, $KP_{25}D_{75}$ dan P_{100}, perlakuan $KP_{50}D_{50}$ berbeda nyata dengan perlakuan $KP_{25}D_{75}$, P_{100}, sedangkan perlakuan $KP_{25}D_{75}$ tidak berbeda nyata dengan perlakuan P_{100}.

Lampiran 7. Analisa Variansi (ANAVA) Rata-rata Laju Pertumbuhan Spesifik Benih Ikan Baung dan Uji Rentang Newman Keuls Terhadap Rata-rata Laju Pertumbuhan Benih Ikan Baung

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std.	Skewness	
	Statistic	Statistic	Statistic	Statistic	Statistic	Statistic	Std. Error
Data	12	2.24	2.55	2.3792	.11074	.310	.637
Valid N (listwise)	12						

Anava

Descriptives

Data

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
P100	3	2.2533	.01155	.00667	2.2246	2.2820	2.24	2.26
KP25D75	3	2.3167	.02517	.01453	2.2542	2.3792	2.29	2.34
KP50D50	3	2.4167	.02082	.01202	2.3650	2.4684	2.40	2.44
KP75D25	3	2.5300	.02000	.01155	2.4803	2.5797	2.51	2.55
Total	12	2.3792	.11074	.03197	2.3088	2.4495	2.24	2.55

Test of Homogeneity of Variances

Data

Levene Statistic	df1	df2	Sig.
.458	3	8	.719

ANOVA

Data

			Sum of Squares	df	Mean Square	F	Sig.
Between Groups	(Combined)		.132	3	.044	109.743	.000
	Linear Term	Contrast	.130	1	.130	324.337	.000
		Deviation	.002	2	.001	2.446	.148
Within Groups			.003	8	.000		
Total			.135	11			

Uji Lanjut Newman Keuls

Data

Student-Newman-Keuls [a]

Perlakuan	N	Subset for alpha = .05			
		1	2	3	4
P100	3	2.2533			
KP25D75	3		2.3167		
KP50D50	3			2.4167	
KP75D25	3				2.5300
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.

Keputusan :

Perlakuan $KP_{75}D_{25}$ berbeda nyata terhadap perlakuan P_{100}, tetapi tidak berbeda nyata dengan perlakuan $KP_{50}D_{50}$ dan perlakuan $KP_{25}D_{75}$, sedangkan perlakuan P_{100} tidak berbeda nyata dengan perlakuan $KP_{50}D_{50}$ dan perlakuan $KP_{27}D_{75}$.

Lampiran 8. Analisa Variansi (ANAVA) Rata-rata Kelulushidupan Individu Benih Ikan Baung

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std.	Skewness	
	Statistic	Statistic	Statistic	Statistic	Statistic	Statistic	Std. Error
Data	12	60	90	79.17	9.962	-.470	.637
Valid N (listwise)	12						

Anava

Descriptives

Data

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
P100	3	73.33	15.275	8.819	35.38	111.28	60	90
KP25D75	3	73.33	5.774	3.333	58.99	87.68	70	80
KP50D50	3	83.33	5.774	3.333	68.99	97.68	80	90
KP75D25	3	86.67	5.774	3.333	72.32	101.01	80	90
Total	12	79.17	9.962	2.876	72.84	85.50	60	90

Test of Homogeneity of Variances

Data

Levene Statistic	df1	df2	Sig.
2.250	3	8	.160

ANOVA

Data

			Sum of Squares	df	Mean Square	F	Sig.
Between Groups	(Combined)		425.000	3	141.667	1.700	.244
	Linear Term	Contrast	375.000	1	375.000	4.500	.067
		Deviation	50.000	2	25.000	.300	.749
Within Groups			666.667	8	83.333		
Total			1091.667	11			