LAMPIRAN

Lampiran 1. Hasil Pertumbuhan Ikan Nila Setiap Perlakuan.

perlakuan0	0	1	2	3	4
A1	1.5	2.9	3.8	4.4	4.8
A2	1.5	2.5	3.9	4.5	4.6
A3	1.5	2.7	3.8	4.6	4.7
Total	4.5	8.1	11.5	13.5	14.1
Rata-Rata	1.50	2.70	3.83	4.50	4.70
B1	1.4	2.9	3.9	4.6	4.8
B2	1.4	2.8	3.3	4.8	4.9
B3	1.4	2.8	3.6	4.7	4.7
Total	4.2	8.5	10.8	14.1	14.4
Rata-Rata	1.40	2.83	3.60	4.70	4.80
C1	1.5	2.9	3.8	4.4	6.2
C2	1.4	2.5	3.1	4.3	5.4
C3	1.4	2.7	3.4	4.3	5.8
Total	4.3	8.1	10.3	13	17.4
Rata-Rata	1.43	2.70	3.43	4.33	5.80
D1	1.5	3.7	4.9	5.5	8.8
D2	1.4	2.6	4.3	5.2	7.8
D3	1.4	3.1	4.6	5.3	8.3
Total	4.3	9.4	13.8	16	24.9
Rata-Rata	1.43	3.13	4.60	5.33	8.30

Lampiran 2. Hasil analisis ragam (ANOVA) Pertumbuhan Ikan Nila .

						95% Confidence Interval for Mean			
		N	Mean	Std. Deviation	Std. Error	Lower Bound	Upper Bound	Minimum	Maximum
pertumbuhan	10 Cm	5	3.440	1.3372	.5980	1.780	5.100	1.5	4.7
	30 Cm	5	3.560	1.5323	.6853	1.657	5.463	1.4	5.0
	50 Cm	5	3.520	1.6574	.7412	1.462	5.578	1.4	5.8

	70 Cm	5	4.540	2.5813	1.1544	1.335	7.745	1.4	8.3
	Total	20	3.765	1.7506	.3914	2.946	4.584	1.4	8.3

B. Homogenesis Data

Test of Homogeneity of Variances				
	Levene Statistic	df1	df2	Sig.
Pertumbuhan	.547	3	16	.657

C. Analisa Ragam

ANOVA						
		Sum of Squares	df	Mean Square	F	Sig.
pertumbuhan	Between Groups	4.042	3	1.347	.398	.756
	Within Groups	54.184	16	3.387		
	Total	58.226	19			

D. Post Hot Test

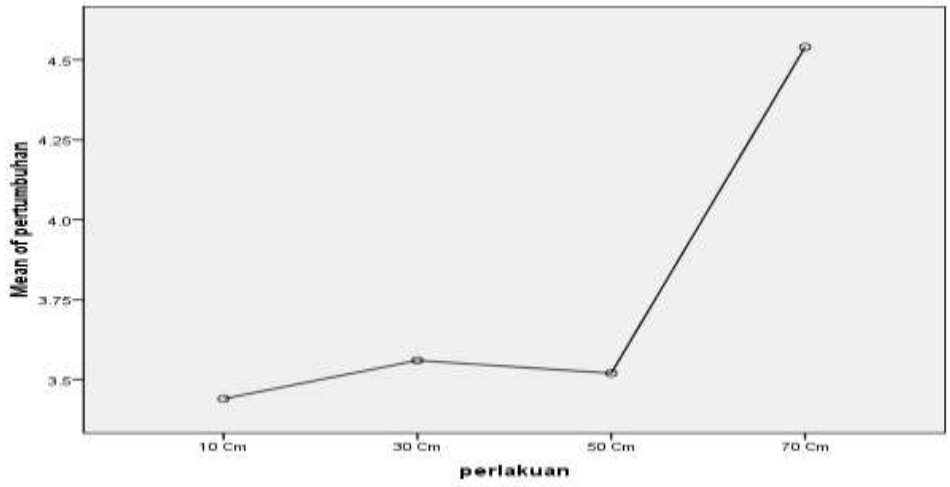
Dependent Variable		(I) perlakuan	(J) perlakuan	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
							Lower Bound	Upper Bound
pertumbuhan	Tukey HSD	10 Cm	30 Cm	-.1200	1.1639	1.000	-3.450	3.210
			50 Cm	-.0800	1.1639	1.000	-3.410	3.250
			70 Cm	-1.1000	1.1639	.781	-4.430	2.230
		30 Cm	10 Cm	.1200	1.1639	1.000	-3.210	3.450
			50 Cm	.0400	1.1639	1.000	-3.290	3.370
			70 Cm	-.9800	1.1639	.834	-4.310	2.350
		50 Cm	10 Cm	.0800	1.1639	1.000	-3.250	3.410
			30 Cm	-.0400	1.1639	1.000	-3.370	3.290
			70 Cm	-1.0200	1.1639	.817	-4.350	2.310
		70 Cm	10 Cm	1.1000	1.1639	.781	-2.230	4.430
			30 Cm	.9800	1.1639	.834	-2.350	4.310
			50 Cm	1.0200	1.1639	.817	-2.310	4.350
	LSD	10 Cm	30 Cm	-.1200	1.1639	.919	-2.587	2.347
			50 Cm	-.0800	1.1639	.946	-2.547	2.387
			70 Cm	-1.1000	1.1639	.359	-3.567	1.367

		30 Cm	10 Cm	.1200	1.1639	.919	-2.347	2.587
			50 Cm	.0400	1.1639	.973	-2.427	2.507
			70 Cm	-.9800	1.1639	.412	-3.447	1.487
		50 Cm	10 Cm	.0800	1.1639	.946	-2.387	2.547
			30 Cm	-.0400	1.1639	.973	-2.507	2.427
			70 Cm	-1.0200	1.1639	.394	-3.487	1.447
		70 Cm	10 Cm	1.1000	1.1639	.359	-1.367	3.567
			30 Cm	.9800	1.1639	.412	-1.487	3.447
			50 Cm	1.0200	1.1639	.394	-1.447	3.487

E. HOMOGENESIS SUBJEK

Pertumbuhan			
			Subset for alpha = 0.05
	perlakuan	N	1
Tukey HSD[a]	10 Cm	5	3.440
	50 Cm	5	3.520
	30 Cm	5	3.560
	70 Cm	5	4.540
	Sig.		.781
Duncan[a]	10 Cm	5	3.440
	50 Cm	5	3.520

	30 Cm	5	3.560
	70 Cm	5	4.540
	Sig.		.398
Means for groups in homogeneous subsets are displayed.			
a. Uses Harmonic Mean Sample Size = 5.000.			



Lampiran 3. Hasil Biomassa Pertumbuhan Pada Ikan Nila Setiap Perlakuan.

	minggu				
Perlakuan	0	1	2	3	4
A1	0.3	0.6	1	2.1	5.8
A2	0.3	0.6	1	2.1	5.9
A3	0.3	0.6	1	2.1	5.8
Total	0.9	1.8	3	6.3	17.5
Rata-Rata	0.3	0.6	1.0	2.1	5.8
B1	0.3	0.6	0.7	1.9	5.4
B2	0.3	0.6	0.7	2	6.5
B3	0.3	0.6	0.7	1.9	5.9
Total	0.9	1.8	2.1	5.8	17.8
Rata-Rata	0.3	0.6	0.7	1.9	5.9
C1	0.3	0.8	1.1	2	6.2
C2	0.4	0.8	1.1	2	6.4
C3	0.3	0.8	1.1	2	6.3
Total	1	2.4	3.3	6	18.9
Rata-Rata	0.3	0.8	1.1	2.0	6.3
D1	0.4	1.2	2.1	3.8	8
D2	0.3	1	1.9	3.1	7.5
D3	0.3	1	2	3.4	7.7
Total	1	3.2	6	10.3	23.2
Rata-Rata	0.3	1.1	2.0	3.4	7.7

Lampiran 3. Hasil Analisis Ragam (ANOVA) biomassa

A. Deskripsi Data

Descriptives

						95% Confidence Interval for Mean			
		N	Mean	Std. Deviation	Std. Error	Lower Bound	Upper Bound	Minimum	Maximum
Biomassa	10 Cm	5	1.9600	2.25233	1.00727	-.8366	4.7566	.30	5.80
	30 Cm	5	1.8800	2.32852	1.04135	-1.0112	4.7712	.30	5.90

	50 Cm	5	2.1000	2.42796	1.08582	-.9147	5.1147	.30	6.30
	70 Cm	5	2.9000	2.91976	1.30576	-.7254	6.5254	.30	7.70
	Total	20	2.2100	2.32784	.52052	1.1205	3.2995	.30	7.70

B. Homogenesis Data

Test of Homogeneity of Variances				
	Levene Statistic	df1	df2	Sig.
Biomassa	.132	3	16	.940

C. Analisa Ragam

ANOVA						
		Sum of Squares	df	Mean Square	F	Sig.
Biomassa	Between Groups	3.298	3	1.099	.176	.911
	Within Groups	99.660	16	6.229		
	Total	102.958	19			

D. POST THE TEST

Multiple Comparisons								
Dependent Variable		(I) perlakuan	(J) perlakuan	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
							Lower Bound	Upper Bound
Biomassa	Tukey	10 Cm	30 Cm	.08000	1.57845	1.000	-4.4360	4.5960

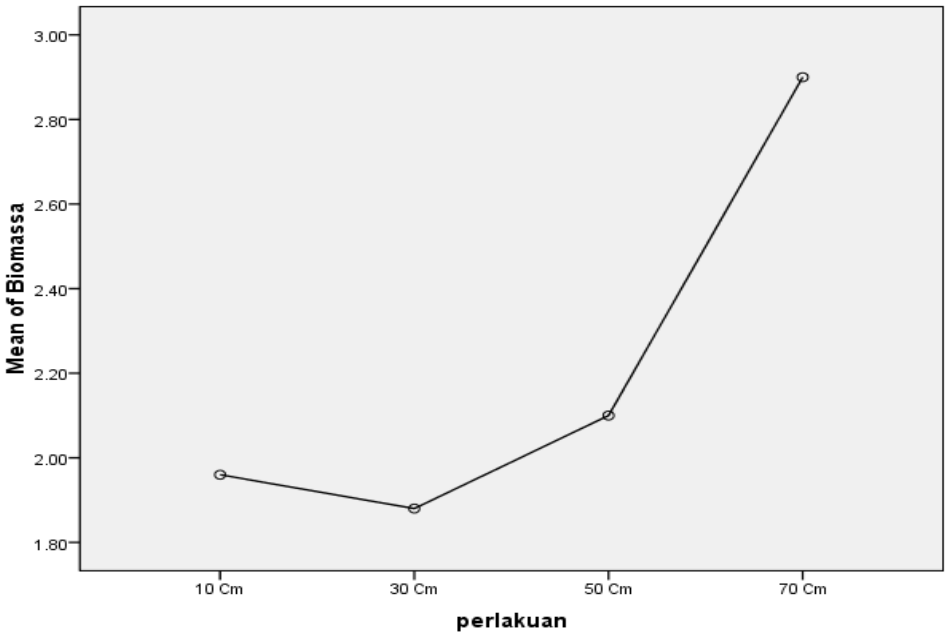
	HSD		50 Cm	-.14000	1.57845	1.000	-4.6560	4.3760
			70 Cm	-.94000	1.57845	.932	-5.4560	3.5760
		30 Cm	10 Cm	-.08000	1.57845	1.000	-4.5960	4.4360
			50 Cm	-.22000	1.57845	.999	-4.7360	4.2960
			70 Cm	-1.02000	1.57845	.915	-5.5360	3.4960
		50 Cm	10 Cm	.14000	1.57845	1.000	-4.3760	4.6560
			30 Cm	.22000	1.57845	.999	-4.2960	4.7360
			70 Cm	-.80000	1.57845	.956	-5.3160	3.7160
		70 Cm	10 Cm	.94000	1.57845	.932	-3.5760	5.4560
			30 Cm	1.02000	1.57845	.915	-3.4960	5.5360
			50 Cm	.80000	1.57845	.956	-3.7160	5.3160
	LSD	10 Cm	30 Cm	.08000	1.57845	.960	-3.2662	3.4262
			50 Cm	-.14000	1.57845	.930	-3.4862	3.2062
			70 Cm	-.94000	1.57845	.560	-4.2862	2.4062
		30 Cm	10 Cm	-.08000	1.57845	.960	-3.4262	3.2662
			50 Cm	-.22000	1.57845	.891	-3.5662	3.1262
			70 Cm	-1.02000	1.57845	.527	-4.3662	2.3262
		50 Cm	10 Cm	.14000	1.57845	.930	-3.2062	3.4862
			30 Cm	.22000	1.57845	.891	-3.1262	3.5662
			70 Cm	-.80000	1.57845	.619	-4.1462	2.5462
		70 Cm	10 Cm	.94000	1.57845	.560	-2.4062	4.2862

			30 Cm	1.02000	1.57845	.527	-2.3262	4.3662
			50 Cm	.80000	1.57845	.619	-2.5462	4.1462

E. Homogeneous Subsest

Biomassa			
			Subset for alpha = 0.05
	perlakuan	N	1
Tukey HSD[a]	30 Cm	5	1.8800
	10 Cm	5	1.9600
	50 Cm	5	2.1000
	70 Cm	5	2.9000
	Sig.		.915
Duncan[a]	30 Cm	5	1.8800
	10 Cm	5	1.9600
	50 Cm	5	2.1000
	70 Cm	5	2.9000
	Sig.		.561
Means for groups in homogeneous subsets are displayed.			
a. Uses Harmonic Mean Sample Size = 5.000.			

Mend post





Persiapan kolam




Penebaran benih ikan




Pengukuran benih

RIWAYAT HIDUP



AINUL QURRATA AYYUN lahir di Desa Padali Kec.Mario-riawaKabupaten Soppeng pada tanggal 15 Desember 1998.Putra ke dua daritiga bersaudara pasangan bapak Saddi dan ibu Suarni. Penulis menyelesaikan pendidikan di Sekolah Dasar Negeri (SDN) 160 attangsalo pada tahun 2005 sampai 2011. Kemudian setelah lulus sekolah dasar penulis melanjutkan pendidikan di SMP 2 Mario-riawa pada tahun 2011 sampai 2014.

Setelah itu pada tahun 2014 sampai 2017 penulis melanjutkan pendidikan di SMK 1 mario-riawa yang kini berubah menjadi SMK 5 Soppeng. Berikutnya yaitu pada tahun 2017 penulis melanjutkan pendidikan di Universitas Muhammadiyah PARE-PARE dengan memilih jurusan atau program studi budidaya perairan Fakultas Pertanian, peternakan, dan perikanan dengan judul **SKRIPSI "PENGARUH KEDALAMAN AIR PADA METODE SIRKULASI TERHADAP PERTUMBUHAN SINTASAN DAN PRODUKSI BIOMASSA BENIH IKAN NILA (Oreochromis niloticus)"**