



LAMPIRAN

Lampiran 1. Pengukuran Karakteristik Morfometri Ukuran 10

Berat Badan



Panjang Total



Panjang Standar



Tinggi Badan



Lebar Badan



Panjang Operkulum

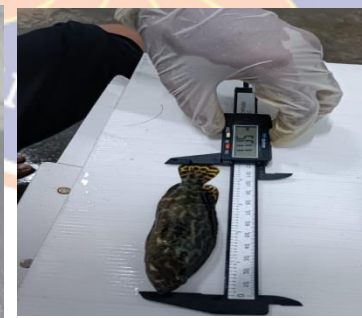


Lampiran 2. Pengukuran Karakteristik Morfometri Ukuran 11

Berat Badan



Panjang Total



Panjang Standar



Tinggi Badan



Lebar Badan



Panjang Operkulum





Lampiran 3. Pengukuran Karakteristik Morfometri Ukuran 12

Berat Badan

Panjang Total

Panjang Standar



Tinggi Badan

Lebar Badan

Panjang Operkulum



Lampiran 4. Analisis Descriptive Statistics SPSS Versi 22

Descriptives

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
BB Ukuran 10 cm	30	20,5050	1,39563	,25481	19,9839	21,0261	17,73	22,53

	Ukuran 11 cm	30	31,6300	1,41972	,25920	31,0999	32,1601	28,60	34,76
	Ukuran 12 cm	30	35,9980	2,79342	,51001	34,9549	37,0411	29,11	43,42
	Total	90	29,3777	6,84500	,72153	27,9440	30,8113	17,73	43,42
PT	Ukuran 10 cm	30	106,6267	1,16499	,21270	106,1917	107,0617	105,00	109,60
	Ukuran 11 cm	30	117,7067	1,01910	,18606	117,3261	118,0872	115,60	119,10
	Ukuran 12 cm	30	126,0933	2,13992	,39069	125,2943	126,8924	122,20	129,10
	Total	90	116,8089	8,15772	,85990	115,1003	118,5175	105,00	129,10
PS	Ukuran 10 cm	30	85,6400	1,41777	,25885	85,1106	86,1694	82,10	88,20
	Ukuran 11 cm	30	98,1367	,98207	,17930	97,7700	98,5034	96,00	99,70
	Ukuran 12 cm	30	111,6067	1,45031	,26479	111,0651	112,1482	109,00	114,30
	Total	90	98,4611	10,74004	1,13210	96,2117	100,7106	82,10	114,30
TB	Ukuran 10 cm	30	30,4767	1,49613	,27315	29,9180	31,0353	27,10	33,50
	Ukuran 11 cm	30	32,0833	1,60023	,29216	31,4858	32,6809	29,60	34,90
	Ukuran 12 cm	30	34,4733	1,10826	,20234	34,0595	34,8872	32,60	36,70
	Total	90	32,3444	2,16578	,22829	31,8908	32,7981	27,10	36,70
LB	Ukuran 10 cm	30	17,2333	1,02598	,18732	16,8502	17,6164	15,30	18,70
	Ukuran 11 cm	30	19,4967	1,06009	,19354	19,1008	19,8925	18,00	21,50
	Ukuran 12 cm	30	19,5533	1,46281	,26707	19,0071	20,0996	16,00	22,60

Total	90	18,7611	1,60845	,16955	18,4242	19,0980	15,30	22,60	
PO	Ukuran 10 cm	30	22,4100	1,27856	,23343	21,9326	22,8874	19,30	24,60
	Ukuran 11 cm	30	25,5033	,57204	,10444	25,2897	25,7169	24,50	26,80
	Ukuran 12 cm	30	24,6467	3,93470	,71838	23,1774	26,1159	15,70	32,50
	Total	90	24,1867	2,72096	,28681	23,6168	24,7566	15,70	32,50

Lampiran 5. Analisis Uji Normalitas dan Homogenitas

➤ Uji Normalitas



Tests of Normality

	Ukuran Ikan	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	Df	Sig.	Statistic	df	Sig.
BB	Ukuran 10 cm	,100	30	,200*	,949	30	,161
	Ukuran 11 cm	,097	30	,200*	,983	30	,895
	Ukuran 12 cm	,106	30	,200*	,976	30	,718
PT	Ukuran 10 cm	,109	30	,200*	,952	30	,188
	Ukuran 11 cm	,120	30	,200*	,937	30	,077
	Ukuran 12 cm	,131	30	,200*	,927	30	,041
PS	Ukuran 10 cm	,139	30	,141	,942	30	,106
	Ukuran 11 cm	,133	30	,188	,958	30	,270
	Ukuran 12 cm	,123	30	,200*	,963	30	,369
TB	Ukuran 10 cm	,126	30	,200*	,961	30	,335
	Ukuran 11 cm	,132	30	,193	,933	30	,060
	Ukuran 12 cm	,148	30	,094	,966	30	,447
LB	Ukuran 10 cm	,131	30	,197	,936	30	,072
	Ukuran 11 cm	,126	30	,200*	,937	30	,075
	Ukuran 12 cm	,131	30	,198	,950	30	,170

PO	Ukuran 10 cm	,117	30	,200*	,964	30	,398
	Ukuran 11 cm	,100	30	,200*	,980	30	,826
	Ukuran 12 cm	,119	30	,200*	,961	30	,327

*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

➤ Uji Homogenitas

Test of Homogeneity of Variances

		Levene Statistic	df1	df2	Sig.
BB	Based on Mean	8,137	2	87	,001
	Based on Median	8,067	2	87	,001
	Based on Median and with adjusted df	8,067	2	57,307	,001
	Based on trimmed mean	8,148	2	87	,001
PT	Based on Mean	12,257	2	87	,000
	Based on Median	11,280	2	87	,000
	Based on Median and with adjusted df	11,280	2	61,256	,000
	Based on trimmed mean	12,054	2	87	,000
PS	Based on Mean	2,881	2	87	,061
	Based on Median	2,848	2	87	,063
	Based on Median and with adjusted df	2,848	2	78,152	,064
	Based on trimmed mean	2,965	2	87	,057
TB	Based on Mean	2,860	2	87	,063
	Based on Median	2,350	2	87	,101
	Based on Median and with adjusted df	2,350	2	78,862	,102

	Based on trimmed mean	2,823	2	87	,065
LB	Based on Mean	,785	2	87	,459
	Based on Median	,550	2	87	,579
	Based on Median and with adjusted df	,550	2	62,932	,579
	Based on trimmed mean	,727	2	87	,486
PO	Based on Mean	19,520	2	87	,000
	Based on Median	18,727	2	87	,000
	Based on Median and with adjusted df	18,727	2	36,010	,000
	Based on trimmed mean	19,129	2	87	,000

Lampiran 6. Hasil Uji Varians (ANOVA)

ANOVA

		Sum of Squares	Df	Mean Square	F	Sig.
BB	Between Groups	3828,781	2	1914,390	488,092	,000
	Within Groups	341,231	87	3,922		
	Total	4170,012	89			
PT	Between Groups	5720,537	2	2860,268	1230,217	,000
	Within Groups	202,276	87	2,325		
	Total	5922,813	89			
PS	Between Groups	10118,754	2	5059,377	2989,032	,000
	Within Groups	147,260	87	1,693		
	Total	10266,014	89			
TB	Between Groups	242,668	2	121,334	60,391	,000
	Within Groups	174,794	87	2,009		
	Total	417,462	89			
LB	Between Groups	105,083	2	52,541	36,519	,000

	Within Groups	125,171	87	1,439		
	Total	230,254	89			
	Between Groups	153,053	2	76,526	13,161	,000
PO	Within Groups	505,871	87	5,815		
	Total	658,924	89			

Lampiran 7. Hasil Uji Kruskal Wallis

Ranks			
	Ukuran Ikan	N	Mean Rank
BB	Ukuran 10 cm	30	15,50
	Ukuran 11 cm	30	47,63
	Ukuran 12 cm	30	73,37
	Total	90	
PT	Ukuran 10 cm	30	15,50
	Ukuran 11 cm	30	45,50
	Ukuran 12 cm	30	75,50
	Total	90	
PS	Ukuran 10 cm	30	15,50
	Ukuran 11 cm	30	45,50
	Ukuran 12 cm	30	75,50
	Total	90	
TB	Ukuran 10 cm	30	23,00
	Ukuran 11 cm	30	42,40
	Ukuran 12 cm	30	71,10
	Total	90	
LB	Ukuran 10 cm	30	20,48
	Ukuran 11 cm	30	57,32
	Ukuran 12 cm	30	58,70

	Total	90	
PO	Ukuran 10 cm	30	22,75
	Ukuran 11 cm	30	62,45
	Ukuran 12 cm	30	51,30
	Total	90	

Test Statistics^{a,b}

	BB	PT	PS	TB	LB	PO
Kruskal-Wallis H	73,896	79,154	79,141	51,522	41,362	36,878
Df	2	2	2	2	2	2
Asymp. Sig.	,000	,000	,000	,000	,000	,000

a. Kruskal Wallis Test

b. Grouping Variable: Ukuran Ikan



RIWAYAT HIDUP



Dicky Ananda Wahyudi lahir di Singaraja pada 26 November 2001 dari pasangan Bapak Johar Wahyudi dan Ibu Novi Mariyana. Penulis merupakan anak ke satu dari dua bersaudara yang beralamat di Jalan Wr. Supratman gang kopi desa banyuning Kecamatan Buleleng Kabupaten Buleleng Provinsi Bali. Penulis menyelesaikan pendidikan pada tahun 2015 di MIN Negeri 2 Buleleng dan 2017 di

SMP Negeri 2 Singaraja yang kemudian melanjutkan pendidikan ke SMK Negeri 3 Singaraja dan Lulus pada tahun 2020. Selanjutnya penulis melanjutkan pendidikan ke perguruan tinggi Negeri Universitas Pendidikan Ganesha (UNDIKSHA) pada Fakultas Matematika dan Ilmu Pengetahuan Alam (FMIPA) Jurusan Biologi dan Perikanan Kelautan Program Studi S1 Akuakultur. Penulis melaksanakan penelitian untuk menyelesaikan skripsi ini di desa penyabangan dengan alat seadanya. Dengan ketekunan dan mempunyai motivasi yang tinggi untuk terus belajar dan berusaha, penulis telah berhasil menyelesaikan pengerjaan tugas akhir skripsi ini. Semoga dengan penulisan skripsi ini mampu memberikan kontribusi positif bagi dunia Perikanan terutama dibidang budidaya. Akhir kata penulis mengucapkan rasa syukur yang sebesar-besarnya atas terselesaikannya skripsi yang berjudul **“ANALISA MORFOMETRI JUVENIL IKAN KERAPU CANTANG (*Epinephelus fuscoguttatus* x *Epinephelus lanceolatus*) UKURAN 10 CM HINGGA 12 CM”**.