DAFTAR PUSTAKA

Ainurrohmah, S. .2017. Dinamika Populasi Ikan Kurisi (*Nemipterus nematophorus* Bleeker, 1853) Yang Didaratkan Di Unit Pelaksana Teknis Pelabuhan Dan Pengelolaan Sumberdaya Kelautan Dan Perikanan (UPT P2SKP) Mayangan. Universitas Brawijaya.

Amira, F.S. , Rahman, M.M. , Kamaruzzaman, B.Y., Jalal, K.C.A., Hossain, M.Y. & Khan, N.S. 2016. Relative abundance and growth of male and female Nemipterus furcosus population. Sains Malaysiana.

Andy Omar, S. Bin, M.T. Umar, M.A. Dahlan, S. Kune, dan M.N. 2016. Hubungan panjang-bobot dan faktor kondisi nisbi ikan layang *Decapterus macrosoma* Bleeker, 1851 di perairan Teluk Mandar dan Teluk Bone. Prosiding Seminar Nasional Ikan ke-9. Jilid 2: 623-636.

Andy Omar, S. BIN 2013. Buku Ajar Biologi Perikanan. Universitas Hasanuddin. Makassar.

Andy Omar, S. BIN 2016. Dunia Ikan. Cetakan Kedua. Gadjah Mada University Press, Yogyakarta.

Anibeze, C.I.P. 2000. Length-weight relationship and relative condition of Heterobranchus longifilis (Valenciennes) from Idodo River, Nigeria. Naga.

Blueweiss, L., Fox, H., Kudzma, V., Nakashima, D., Peters, R. & Sams, S. 1978. Relationships between body size and some life history parameters. Oecologia. 37(2):257–272.

Bostanci, D., Polat, N. & Akyürek, M. 2007. Some Biological Aspects of the Crucian Carp, Carassius gibelio Bloch, 1782 Inhabiting in Eğirdir Lake. International Journal of Natural & Engineering Sciences. 1(3).

Brojo, M., & Sari, R.P. 2002. Biologi reproduksi ikan kurisi (*Nemipterus tambuloides* Blkr.) uang didaratkan di Tempat Pelelangan Ikan Labuan, Pandeglang. Jurnol Iktiologi Indonesia. 2 (I).

Dessy Ramadhani, 2017. Biologi Reproduksi Ikan Kurisi (*Nemipterus japonicus* Bloch, 1791) di Perairan Selat Sunda. Institut Pertanian Bogor. Bogor.

Effendi, M.I. 1992. Metode Biologi Perikanan, Penerbit Yayasan Agromedia. Bogor.

Effendie, M.I. 2002. Biologi Perikanan (Edisi Revisi). vol. 163. cod. Penerbit Yayasan Pustaka Nusantara Yogyakarta.

ElHaweet, A.E.A. 2013. Biological studies of the invasive species *Nemipterus japonicus* (Bloch, 1791) as a Red Sea immigrant into the Mediterranean. Egyptian Journal of Aquatic Research.

Febriani, L. 2010. Studi Makanan dan Pertumbuhan Ikan Bilih (Mystacoleucus padangensis) di Danau Singkarak, Sumatera Barat.[Skripsi]. IPB. Bogor.

Froese, R. 2006. Cube law, condition factor and weight–length relationships: history, meta-analysis and recommendations. Journal of applied ichthyology. 22(4):241–

253.

Froese, R. & Pauly, D. .2020. Fishbase. World Wide Web electronic publication. FishBase.

Giyanto, 2013. Membandingkan Dua Persamaan Regresi Linear Sederhana. Oseana, Volume XXVIII, Nomor 1, 2003 : 19 - 31.

Gonzales, B.J. , Palla, H.P. & Mishina, H. 2000. Length-Weight Relationship of Five Serranids from Palawan Island, Philippines. The ICLARM Quarterly.

Kkp, 2012. Statistik Perikanan Tangkap Indonesia, 2011. Kementrian Kelautan dan Perikanan. 12 (I).

Lizama, M.D.L.A.P. & Ambrosio, A.M. 2002. Condition factor in nine species of fish of the Characidae family in the upper Paraná River floodplain, Brazil. Brazilian Journal of Biology.

M.T Umar, Suwarni, Raodah Salam, Andy Omar, S. BIN 2012. Kajian Pertumbuhan Ikan Bonti-Bonti (Paratherina striata Aurich, 1935) Di Danau Towuti, Sulawesi Selatan. Prosiding Seminar Nasional Tahunan IX Hasil Penelitian Perikanan dan Kelautan Tahun 2013:

Mosriula, M. 2019. Analysis of land suitability, carrying capacity, and development strategies for seaweed cultivation in Labakkang District, Pangkep Regency, Indonesia. Akuatikisle: Jurnal Akuakultur, Pesisir dan Pulau-Pulau Kecil.

Nelson, J.S. , Grande, T.C. & Wilson, M.V.H. 2016. Fishes of the World. John Wiley & Sons.

Oktaviyani, S. , Boer, M. & Yonvitner, Y. 2016. Aspek Biologi Ikan Kurisi (*Nemipterus Japonicus*) Di Perairan Teluk Banten. BawaL Widya Riset Perikanan Tangkap.

Putra, E.D. .2011. Potensi Pengembangan Kawasan Minapolitan di Kecamatan Labakkang Kabupaten Pangkep. Universitas Islam Negeri Alauddin Makassar.

Rahardjo, M. & Simanjuntak, C. 2008. Hubungan Panjang Bobot Dan Faktor Kondisi Ikan Tetet, Johnius Belangerii Cuvier (Pisces: Sciaenidae) Di Perairan Pantai Mayangan, Jawa Barat. Jurnal Ilmu-Ilmu Perairan dan Perikanan Indonesia.

Rahardjo, M.F. , Sjafei, D.S. & Affandi, R. .2011. *Ikhtiologi*. Jakarta: Lubuk Agung.

Russell, B.C. 1990. Nemipterid fishes of the world. FAO Fisheries Synopsis. 12(125):I.

Russell, B.C. 1993. A review of the threadfin breams of the genus *Nemipterus* (Nemipteridae) from Japan and Taiwan, with description of a new species. Japanese Journal of Ichthyology. 39(4):295–310.

Saranga, R. , Setyohadi, D., Arifin, M.Z., Wiadnya, D.G.R. & Herawati, E.Y. 2018. Pola Pertumbuhan, Nisbah Kelamin, Faktor Kondisi, Dan Struktur Ukuran Ikan Selar, Selar Boops (Cuvier, 1833) Yang Tertangkap Di Perairan Sekitar Bitung. JFMR (Journal of Fisheries and Marine Research). 2(2):86–94.

Sari, M.& B.R.P. 2002. Biologi reproduksi ikan kurisi (*Nemipterus tambuloides* Blkr.) uang didaratkan di Tempat Pelelangan Ikan Labuan, Pandeglang. Jurnol Iktiologi Indonesia, Vol. 2, No. l.

Soumakil, A. .1996. Telah beberapa parameter populasi ikan moma putih (*Decapterus rasselli*) di perairan Kecamatan Amahai, Maluku Tengah, dan alternatif pengelolaanya. Tesis]. Program Pasca Sarjana. Institut Pertanian Bogor.

Utami, S.T. 2016. Pola Pertumbuhan dan Reproduksi Ikan Kurisi (*Nemipterus virgatus* Htyn, 1782) di Perairan Teluk Lampung.

Uyan, U., Filiz, H., Tarkan, A.S., Çelik, M. & Top, N. 2019. Age and growth of *Nemipterus randalli* in the southern Aegean Sea, Turkey. Age. 7:26.

Wujdi, A. , Suwarso, & Wudianto., 2012. Hubungan Panjang – Bobot, Faktor Kondisi, dan Struktur Ukuran Ikan Lemuru (*Sardinella lemuru* Bleeker, 1853) di Perairan Selat Bali. J. Bawal:83-89. J. Bawal : 83-89.

Yunus, M. 2015. Status Stok Sumberdaya Ikan Kurisi (*Nemipterus japonicus* Bloch, 1791) Di Perairan Selat Sunda Muhamad Yunus. Departemen Manajemen Sumberdaya Perairan. Fakultas Perikanan dan Ilmu Kelautan. Institut Pertanian Bogor.

LAMPIRAN

Lampiran 1. Analisis regresi hubungan panjang bobot ikan Kurisi (*Nemipterus japonicus*) jantan di Pangkalan Pendaratan Ikan Maccini Baji'

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0,957186
R Square	0,916204
Adjusted R Square	0,915799
Standard Error	0,063698
Observations	209

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	9,183116	9,183116	2263,2935	2,1E-113
Residual	207	0,839884	0,004057		
Total	208	10,023			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95,0%*	*Upper 95,0%*
Intercept	-4,3675	0,1318	-33,1315	0,0000	-4,6274	-4,1076	-4,6274	-4,1076
X Variable 1	2,7918	0,0587	47,5741	0,0000	2,6761	2,9075	2,6761	2,9075

Lampiran 2. Analisis regresi hubungan panjang bobot ikan Kurisi (*Nemipterus* betina di Pangkalan Pendaratan Ikan Maccini Baji'

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0,9485
R Square	0,8996
Adjusted R Square	0,8988
Standard Error	0,0600
Observations	121

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	3,833482	3,833482	1066,314	3,07E-61
Residual	119	0,427814	0,003595		
Total	120	4,261296			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95,0%*	*Upper 95,0%*
Intercept	-4,5083	0,1934	-23,3156	0,0000	-4,8912	-4,1255	-4,8912	-4,1255
X Variable 1	2,8556	0,0875	32,6545	0,0000	2,6825	3,0288	2,6825	3,0288

Lampiran 3. Analisis regresi hubungan panjang bobot gabungan ikan Kurisi (*Nemipterus japonicus*) di Pangkalan Pendaratan Ikan Maccini Baji'

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0,9369
R Square	0,8778
Adjusted R Square	0,8774
Standard Error	0,0757
Observations	330

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	13,4880	13,4880	2356,4259	0,0000
Residual	328	1,8774	0,0057		
Total	329	15,3654			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95,0%*	*Upper 95,0%*
Intercept	-4,3503	0,1280	-33,9742	0,0000	-4,6022	-4,0984	-4,6022	-4,0984
X Variable 1	2,7830	0,0573	48,5430	0,0000	2,6702	2,8958	2,6702	2,8958

Lampiran 4. Analisis regresi hubungan panjang bobot ikan Kurisi (*Nemipterus japonicus*) jantan pada bulan Maret di Pangkalan Pendaratan Ikan Maccini Baji'

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0,9573
R Square	0,9164
Adjusted R Square	0,9146
Standard Error	0,0640
Observations	49

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	2,1100	2,1100	515,2036	0,0000
Residual	47	0,1925	0,0041		
Total	48	2,3025			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95,0%*	*Upper 95,0%*
Intercept	-4,6313	0,2934	-15,7866	0,0000	-5,2215	-4,0411	-5,2215	-4,0411
X Variable 1	2,8941	0,1275	22,6981	0,0000	2,6376	3,1506	2,6376	3,1506

Lampiran 5. Analisis regresi hubungan panjang bobot ikan Kurisi (*Nemipterus japonicus*) betina pada bulan Maret di Pangkalan Pendaratan Ikan Maccini Baji'

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0,9109
R Square	0,8298
Adjusted R Square	0,8237
Standard Error	0,0469
Observations	30

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	0,3000	0,3000	136,5041	0,0000
Residual	28	0,0615	0,0022		
Total	29	0,3616			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95,0%*	*Upper 95,0%*
Intercept	-3,9777	0,5049	-7,8778	0,0000	-5,0120	-2,9434	-5,0120	-2,9434
X Variable 1	2,6107	0,2235	11,6835	0,0000	2,1530	3,0685	2,1530	3,0685

Lampiran 6. Analisis regresi hubungan panjang bobot ikan Kurisi (*Nemipterus japonicus*) jantan pada bulan Juni di Pangkalan Pendaratan Ikan Maccini Baji'

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0,9119
R Square	0,8316
Adjusted R Square	0,8273
Standard Error	0,0786
Observations	41

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	1,191107	1,191107	192,6538	1,13E-16
Residual	39	0,241123	0,006183		
Total	40	1,43223			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95,0%*	*Upper 95,0%*
Intercept	-3,6084	0,3950	-9,1361	0,0000	-4,4073	-2,8095	-4,4073	-2,8095
X Variable 1	2,4587	0,1771	13,8800	0,0000	2,1004	2,8170	2,1004	2,8170

Lampiran 7. Analisis regresi hubungan panjang bobot ikan Kurisi (*Nemipterus japonicus*) betina pada bulan Juni di Pangkalan Pendaratan Ikan Maccini Baji'

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0,9789
R Square	0,9583
Adjusted R Square	0,9561
Standard Error	0,0361
Observations	21

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	0,5676	0,5676	436,6964	0,0000
Residual	19	0,0247	0,0013		
Total	20	0,5923			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95,0%*	*Upper 95,0%*
Intercept	-4,9239	0,3203	-15,3751	0,0000	-5,5942	-4,2536	-5,5942	-4,2536
X Variable 1	3,0585	0,1464	20,8973	0,0000	2,7521	3,3648	2,7521	3,3648

Lampiran 8. Analisis regresi hubungan panjang bobot ikan Kurisi (*Nemipterus japonicus*) jantan pada bulan Juli di Pangkalan Pendaratan Ikan Maccini Baji'

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0,9602
R Square	0,9219
Adjusted R Square	0,9209
Standard Error	0,0551
Observations	79

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	2,7611	2,7611	909,4588	0,0000
Residual	77	0,2338	0,0030		
Total	78	2,994907			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95,0%*	*Upper 95,0%*
Intercept	-4,9818	0,2288	-21,7776	0,0000	-5,4374	-4,5263	-5,4374	-4,5263
X Variable 1	3,0702	0,1018	30,1572	0,0000	2,8675	3,2730	2,8675	3,2730

Lampiran 9. Analisis regresi hubungan panjang bobot ikan Kurisi (*Nemipterus japonicus*) betina pada bulan Juli di Pangkalan Pendaratan Ikan Maccini Baji'

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0,7141
R Square	0,5100
Adjusted R Square	0,5004
Standard Error	0,1516
Observations	53

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	1,2197	1,2197	53,0769	0,0000
Residual	51	1,1719	0,0230		
Total	52	2,3916			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95,0%*	*Upper 95,0%*
Intercept	-3,4242	0,7123	-4,8075	0,0000	-4,8542	-1,9943	-4,8542	-1,9943
X Variable 1	2,3561	0,3234	7,2854	0,0000	1,7069	3,0054	1,7069	3,0054

Lampiran 10. Analisis regresi hubungan panjang bobot ikan Kurisi (*Nemipterus japonicus*) jantan pada bulan Agustus di Pangkalan Pendaratan Maccini Baji'

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0,9824
R Square	0,9650
Adjusted R Square	0,9641
Standard Error	0,0383
Observations	40

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	1,5381	1,5381	1048,4633	0,0000
Residual	38	0,0557	0,0015		
Total	39	1,5939			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95,0%*	*Upper 95,0%*
Intercept	-4,8418	0,2037	-23,7705	0,0000	-5,2542	-4,4295	-5,2542	-4,4295
X Variable 1	3,0062	0,0928	32,3800	0,0000	2,8183	3,1942	2,8183	3,1942

Lampiran 11. Analisis regresi hubungan panjang bobot ikan Kurisi (*Nemipterus japonicus*) betina pada bulan Agustus di Pangkalan Pendaratan Ikan Maccini Baji'

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0,9523
R Square	0,9069
Adjusted R Square	0,9007
Standard Error	0,0559
Observations	17

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	0,4558	0,4558	146,0873	0,0000
Residual	15	0,0468	0,0031		
Total	16	0,5026			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95,0%*	*Upper 95,0%*
Intercept	-5,4659	0,5947	-9,1918	0,0000	-6,7334	-4,1984	-6,7334	-4,1984
X Variable 1	3,2977	0,2728	12,0867	0,0000	2,7161	3,8792	2,7161	3,8792

Lampiran 12. Uji statistik koefisien regresi keseluruhanikan Kurisi (*Nemipterus japonicus*) di Pangkalan Pendaratan Ikan Maccini Baji'

$$t = \frac{(b_1 - b_2)}{\sqrt{Var\ (b_{1-}b_2)}}$$

$= \frac{(2{,}8556-2{,}7918)}{\sqrt{0{,}0116}}$

= 0,5935

$$var(b_1 - b_2) = \frac{S_p^2}{\sum(X_1 - \bar{X}_1)^2} + \frac{S_p^2}{\sum(X_2 - \bar{X}_2)^2}$$

$= \frac{0{,}0039}{0{,}4701} + \frac{0{,}0039}{1{,}1782}$

= 0.0116

$$S_P^2 = \frac{JKS_1 + JKS_2}{(n_1 - 2) + (n_2 - 2)}$$

$= \frac{0{,}4278+0{,}8399}{(121-2)+(209-2)}$

= 0,0039

$$JKS_1 = \sum(Y_1 - \bar{Y}_1)^2 - \frac{\sum(X_1 - \bar{X}_1)\ (Y_1 - \bar{Y}_1)}{\sum(X_1 - \bar{X}_1)^2}$$

$= \sum(4{,}2613) - \frac{\sum(1{,}3424)}{\sum(0{,}4701)}$

= 0,4278

$$JKS_2 = \sum(Y_2 - \bar{Y}_2)^2 - \frac{(\sum(X_2 - \bar{X}_2)(Y_2 - \bar{Y}_2))^2}{\sum(X_2 - \bar{X}_2)^2}$$

$= \sum(10{,}0230) - \frac{\sum(3{,}2893)}{\sum(1{,}1782)}$

= 0,8399

$t_{0.05(330)}$= 1,9673