

## I. LAMPIRAN

Lampiran 1. Data rata-rata nisbah±standar deviasi morfometrik *Kryptopterus apogon* dan *Kryptopterus cryptopterus* antar stasiun penelitian

Nisbah Morfometrik <i>Kryptopterus apogon</i>	Rata-rata±STDEV			
	Mentulik	Buluh Cina	Langgam	Kampung Pulau
N1 = PDSP/PT	0	0	0	0
N2 = PDSDb/PT	29.9±2.2	30.7±1.09	30.3±0.75	29.8±2.48
N3 = PDSPr/PT	26.3±2.35	25.7±0.88	25.4±0.95	25.4±2.11
N4 = PDSD/PT	19.2±1.5	20±0.93	19.6±0.92	19.2±1.73
N5 = PSP/PT	0	0	0	0
N6 = PSDb/PT	60.1±5.11	60.6±1.92	60.3±2.1	58.5±4.79
N7 = PSPr/PT	4.7±1.3	5.5±0.4	5.4±0.3	5.4±0.4
N8 = PSD/PT	14.4±1.2	14.9±1.14	14.6±1	14.6±1.31
N9 = PDrSD/PT	9.29±0.74	9.61±0.37	9.42±0.47	9.2±0.8
N10 = PSE/PT	10.8±1.07	10.1±0.69	10.4±1.37	11.3±0.9
N11 = TBE/PT	3±0.3	3.1±0.2	3.1±0.2	2.9±0.2
N12 = TT/PT	14.8±0.87	14.7±0.75	15.1±0.49	14.5±1.2
N13 = PK/PT	17.1±1.35	17.8±0.81	17.1±0.39	17±1.39
N14 = LK/PT	7.23±0.59	7.25±0.52	7.06±0.45	7.3±0.6
N15 = TK/PT	6.89±0.42	7.01±0.39	6.89±0.35	6.9±0.5
N16 = PMC/PK	44±2.46	42.9±2.08	45.3±1.85	43±2.37
N17 = JIO/PK	45±2.74	44.6±2.93	44.8±2.62	46.2±2.79
N18 = DM/PK	11.4±2.97	11.3±2.78	11±3.08	12.8±1.95
N19 = SRA/PK	34.36±2.44	34.21±3	35.86±2.91	33.98±2.92
N20 = SRB/PK	0	0	0	0



Lampiran 1 lanjutan.

Nisbah Morfometrik <i>Kryptopterus cryptopterus</i>	Rata-rata±STDEV	
	Mentulik	Langgam
N1 = PDSP/PT	0	0
N2 = PDSDb/PT	31.3±1.44	31.3±1.76
N3 = PDSPr/PT	26.4±0.75	26.5±1.1
N4 = PDSD/PT	13.2±5.05	14.6±4.44
N5 = PSP/PT	0	0
N6 = PSDb/PT	49.6±0.69	49.4±0.62
N7 = PSPr/PT	3±0.2	2.9±0.4
N8 = PSD/PT	17.6±0.78	17.8±0.77
N9 = PD <sub>r</sub> SD/PT	15±0.7	15±1
N10 = PSE/PT	16.5±1.29	17.2±0.7
N11 = TBE/PT	6.8±0.3	6.9±0.3
N12 = TT/PT	14.4±0.67	14.4±0.53
N13 = PK/PT	13.9±0.34	13.7±0.54
N14 = LK/PT	9±0.6	8.9±0.4
N15 = TK/PT	6.8±0.6	6.7±0.6
N16 = PMC/PK	52.2±3.89	52.8±3.5
N17 = JIO/PK	54.5±2.54	55.2±3.24
N18 = DM/PK	17.7±2.71	18.6±2.71
N19 = SRA/PK	106.3±5.64	104.5±6.12
N20 = SRB/PK	0	0

Lampiran 2. *Principal component analysis* terhadap karakter morfometrik  
*Kryptopterus* spp.

*Eigenanalysis of the Correlation Matrix :*

<i>Eigenvalue</i>	9.9867	3.9247	2.5181	1.0219	0.3829	0.2867	0.1981	0.1550
<i>Proportion</i>	0.526	0.207	0.133	0.054	0.020	0.015	0.010	0.008
<i>Cumulative</i>	0.526	0.732	0.865	0.918	0.939	0.954	0.964	0.972
<i>Eigenvalue</i>	0.1386	0.0891	0.0783	0.0523	0.0455	0.0434	0.0320	0.0233
<i>Proportion</i>	0.007	0.005	0.004	0.003	0.002	0.002	0.002	0.001
<i>Cumulative</i>	0.980	0.984	0.988	0.991	0.994	0.996	0.998	0.999
<i>Eigenvalue</i>	0.0137	0.0074	0.0023					
<i>Proportion</i>	0.001	0.000	0.000					
<i>Cumulative</i>	0.999	1.000	1.000					

*Principal Component Factor Analysis of the Correlation Matrix*

*Sorted Rotated Factor Loadings and Communalities :*

<i>Variable</i>	<i>Factor1</i>	<i>Factor2</i>	<i>Factor3</i>	<i>Factor4</i>	<i>Communality</i>
DM	0.924	0.285	0.098	0.005	0.945
PSE	0.912	-0.270	-0.153	0.042	0.930
LK	0.883	-0.338	0.107	-0.186	0.940
TK	0.874	-0.241	0.280	-0.089	0.908
TT	0.862	-0.450	0.032	0.111	0.959
JIO	0.827	-0.454	0.150	-0.134	0.931
PSD	0.795	-0.191	0.384	-0.222	0.866
TBE	0.725	-0.337	-0.226	-0.482	0.922
PSPr	0.024	-0.917	0.135	-0.044	0.861
PS	0.194	-0.876	0.295	-0.236	0.947
PSDb	0.390	-0.873	0.182	0.140	0.968
PT	0.363	-0.853	0.238	-0.219	0.964
SRA	0.521	-0.749	-0.391	0.033	0.986
PDS	0.127	0.041	0.920	0.232	0.918
PK	0.183	-0.221	0.858	-0.225	0.869
PDSPr	0.154	-0.293	0.836	-0.132	0.826
PDSDb	0.164	-0.503	0.788	0.151	0.923
PMC	-0.336	0.184	0.761	-0.423	0.904
PDrSD	0.583	-0.184	0.216	-0.681	0.884
<i>Variance</i>	6.9613	4.9998	4.2214	1.2689	17.4514
<i>% Var</i>	0.366	0.263	0.222	0.067	0.918



Lampiran 3. *Principal component analysis* keterkaitan faktor fisika kimia perairan terhadap karakter morfometrik diameter mata *Kryptopterus* spp.

*Eigenanalysis of the Correlation Matrix :*

<i>Eigenvalue</i>	4.1018	0.4588	0.3132	0.1046	0.0217
<i>Proportion</i>	0.820	0.092	0.063	0.021	0.004
<i>Cumulative</i>	0.820	0.912	0.975	0.996	1.000

*Principal Component Factor Analysis of the Correlation Matrix*

*Sorted Rotated Factor Loadings and Communalities :*

<i>Variable</i>	<i>Factor1</i>	<i>Factor2</i>	<i>Communality</i>
Suhu	-0.886	-0.241	0.843
pH	0.832	0.402	0.855
Kekeruhan	0.826	0.463	0.896
Kecepatan Arus	0.775	0.614	0.978
DM	0.337	0.936	0.989
<i>Variance</i>	2.8738	1.6868	4.5606
<i>% Var</i>	0.575	0.337	0.912

Lampiran 4. *Principal component analysis* keterkaitan faktor fisika kimia perairan terhadap karakter morfometrik panjang sirip ekor *Kryptopterus* spp.

*Eigenanalysis of the Correlation Matrix :*

Eigenvalue	4.0241	0.5525	0.2910	0.0981	0.0343
Proportion	0.805	0.110	0.058	0.020	0.007
Cumulative	0.805	0.915	0.974	0.993	1.000

*Principal Component Factor Analysis of the Correlation Matrix*

*Sorted Rotated Factor Loadings and Communalities :*

Variable	Factor1	Factor2	Communality
Suhu	-0.908	-0.195	0.863
Kekeruhan	0.876	0.360	0.897
Kecepatan Arus	0.821	0.532	0.957
pH	0.738	0.582	0.883
PSE	0.284	0.946	0.975
Variance	2.8921	1.6845	4.5766
% Var	0.578	0.337	0.915

