

Table S1. The following is a summary of the total shrimp trawlers (MFO, 2019**). Number of interviews and participants, as well as in parenthesis, Focus Group Discussions (FGDs) are shown.

Sl. No.	Name of Trawler	Dimension (m ³)	Name of Company	Gross Tonnage (MT)	Capacity (BHP*)	Interviews (FGDs) No.	Participants No. in Interview (FGDs)	Total Key Informants Interview (KII)
1.	FT SRL-6 (Heartford-6)	24.95x7.44x3.91	Sea Resources Ltd.	155	500	1 (1)	5 (5)	5
2.	FT SRL-3 (Heartford-10)	35x8.40x4.50	Sea Resources Ltd.	230	960	1	5	
3.	FV Fisher-1	36x8.50x4.50	Sea Fishers Ltd.	250	960	1 (1)	5 (5)	
4.	FV Fisher-2	36x8.50x4.50	Sea Fishers Ltd.	239	960	1 (1)	5 (5)	
5.	FV Fisher-3	36x8.50x4.50	Sea Fishers Ltd.	250	960	1 (1)	5 (5)	
6.	FV Deep Sea-4 (Fisher-4)	36x8.50x4.50	Sea Fishers Ltd.	239	960	1	5	
7.	FV Fisher-4 (Deep Sea-1)	24.95x7.44x3.91	Deep Sea Fishers Ltd.	155	500	1	5 (5)	
8.	FV Deep Sea-3	35x8.50x4.50	Deep Sea Fishers Ltd.	230	960	1 (1)	5	
9.	F.V. Zanjabil	22.40x6.41x2.94	M/S. Ali & Brothers	127	520			
10.	F. V. Imam-1	23.30x6.50x3.90	C & A Agro Ltd.	185	410			
11.	F. V. Imam-2	24.30x6.50x3.90	M/S. Sultana Enterprise	185	410	1	5	
12.	F. V. Imam-3	36.66x7.40x3.15	Meenhar Sea Foods Ltd.	195	720	1	5	
13.	F. V. RSR-1 (Meenhar-1)	30.71x7.20x2.60	C & A Agro Ltd.	200	900			
14.	F. V. Meenhar-2	39.30x6.60x2.70	Meenhar Sea Foods Ltd.	193	660	1	5	
15.	F. V. Mita	29.17x7.21x2.71	Bengal Fisheries Ltd.	193	560			
16.	F. V. Joutha Jatra	29.17x7.21x2.71	Bengal Fisheries Ltd.	193	750			
17.	F. V. Joutha Udyam	29.17x7.21x2.71	Bengal Fisheries Ltd.	193	560			
18.	F. V. Shah Jalal-1	21.67x3.41x2.70	Sirajul Islam Chowdhury Trawlers Ltd.	115	400			
19.	F. V. Hasikin-10	25.20x6.80x3.00	Hasikin Bangladesh Ltd.	152	335	1	5	
20.	F. V. Nabi	30.69x6.30x2.85	Bangladesh Marine Food (Export) Ltd.	128	800	1	5	
21.	F. V. Moin	30.44x6.30x2.85	Bangladesh Marine Food (Export) Ltd.	125	700	1	5	
22.	F. V. Mahishowar-1	27.50x7.00x3.60	C & A Agro Ltd.	160	410			
23.	F. V. Mahishowar-2	27.50x7.00x3.60	C & A Agro Ltd.	160	410			

24.	F. V. Moitri-S	30.73x7.25x4.70	Shimizu Specialized Fishing Pvt. Ltd.	148	700	1 (1)	5 (5)
25.	F. V. Moitri-T	42.65x7.60x3.30	Shimizu Specialized Fishing Pvt. Ltd.	273	1100	1 (1)	5 (5)
26.	F. V. Rupchanda	28.51x7.24x4.70	Bangladesh Fisheries Development Corporation	181	840		
27.	F. V. Seyam	29.81x6.80x3.00	Rancon Oceana Ltd.	226	520	1	5
28.	F. V. Najat	29.81x6.80x3.00	Rancon Oceana Ltd.	223	480	1 (1)	5 (5)
29.	F. V. Rahmat	29.81x7.48x3.52	Rancon Oceana Ltd.	234	900	1 (1)	5 (5)
30.	F. V. Magferat	29.81x6.80x3.00	Rancon Oceana Ltd.	220	520	1 (1)	5 (5)
31.	F. V. Katla	30.78x6.91x3.09	Bangladesh Fisheries Development Corporation	211	660		
32.	F. V. Datina	30.78x6.90x3.45	Bangladesh Fisheries Development Corporation	214	660		

* 1 kW = 1.34 BHP

** MFO, 2019. Progress report on different activities of Marine Fisheries Office. Marine Fisheries Office, Department of Fisheries, Bangladesh, pp. 139.

Table S2. Species market value (SMV), species market demand (SMD), selectivity to Shrimp trawl net (SSTN), exploitation rate (*E*) data are shown. Catch trend (CT), catch trend score (CTS) and catch trend categories (CTC) of the listed species are also displayed. [1–16]

Species	FAO Code	SMV* (USD/kg) 1 USD = 85 BDT	SMD*	SSTN	Ref.	<i>E</i>	Ref	CT* (N*=50)			CTS**	CTC**
								Increasing (1)	Stable (2)	Decreasing (3)		
<i>Penaeus monodon</i>	GIT	9.41	High	High	3; FGD	0.65	6	7	9	34	-1	D
<i>Penaeus indicus</i>	PNI	7.65	High	High	3; FGD	0.74	7	10	8	32	-1	D
<i>Penaeus merguensis</i>	PBA	7.06	High	High	3; FGD	0.68	8	16	19	15	1	S
<i>Penaeus semisulcatus</i>	TIP	7.65	High	High	3; FGD	0.6	6	10	9	31	-1	D
<i>Metapenaeus monoceros</i>	MPN	6.47	High	High	3; 4; FGD	0.62	6	6	8	36	-1	D
<i>Metapenaeus affinis</i>	MTJ	5.88	High	High	3; FGD			12	24	14	1	S
<i>Metapenaeus brevicornis</i>	MPB	5.88	High	High	3; FGD	0.81	7	7	12	31	-1	D
<i>Mierspenaeopsis sculptilis</i>	NAP	4.12	Moderate	High	3; FGD	0.55	9	17	25	8	1	S
<i>Parapenaeopsis hardwickii</i>	NAW	4.12	Moderate	High	3; FGD			14	24	12	1	S
<i>Parapenaeopsis stylifera</i>	NAY	4.12	Moderate	High	3; FGD			17	23	10	1	S
<i>Portunus pelagicus</i>	SCD	2.06	Low	High	3; FGD			16	23	11	1	S
<i>Scylla serrata</i>	MUD	2.35	Low	High	3; FGD	0.39	10	15	21	14	1	S
<i>Sepia aculeata</i>	EJA	2.94	Low	High	5; FGD			15	28	7	1	S
<i>Uroteuthis duvaucelii</i>	OJD	2.59	Low	High	5; FGD			14	21	15	1	S
<i>Himantura uarnak</i>	DHV	2.35	Low	Low	1; 2; FGD			15	23	12	1	S
<i>Rhinobatos annandalei</i>	RHD	2.12	Low	Low	1; 2; FGD			11	24	15	1	S
<i>Arius arius</i>	AUI	2.47	Moderate	High	1; 2; FGD			5	10	35	-1	D
<i>Arius maculatus</i>	CAO	2.47	Moderate	High	1; 2; FGD			8	9	33	-1	D
<i>Plicofollis layardi</i>	UKY	2.35	Moderate	High	1; 2; FGD			5	8	37	-1	D
<i>Ariomma indicum</i>	DRI	4.47	High	High	2; FGD	0.62	11	7	11	32	-1	D
<i>Alepes djedaba</i>	LSJ	2.94	Moderate	High	2; FGD			13	22	15	1	S
<i>Atropus atropos</i>	TUP	2.76	Moderate	High	2; FGD			14	25	11	1	S
<i>Parastrumateus niger</i>	POB	4.71	High	High	1; 2; FGD	0.52	15	7	6	37	-1	D
<i>Selar crumenophthalmus</i>	BIS	3.18	High	High	2; FGD			4	5	41	-1	D
<i>Conger cinereus</i>	COI	4.12	High	High	2; FGD			6	8	36	-1	D

<i>Cynoglossus bilineatus</i>	YOB	1.41	Low	High	1; 2; FGD			8	8	34	-1	D
<i>Cynoglossus lingua</i>	YOG	1.53	Low	High	1; FGD			7	10	33	-1	D
<i>Dussumieria acuta</i>	RAS	2.94	Moderate	High	1; 2; FGD			15	24	11	1	S
<i>Coilia dussumieri</i>	ECD	1.47	Low	High	1; 2; FGD	0.48	12	15	22	13	1	S
<i>Stolephorus tri</i>	ESJ	1.53	Moderate	High	1; 2; FGD	0.85	7	17	20	13	1	S
<i>Thryssa mystax</i>	EYY	1.65	Moderate	High	1; 2; FGD			25	17	8	1	S
<i>Gerres filamentosus</i>	GEF	3.71	High	High	2; FGD			16	20	14	1	S
<i>Aurigequula fasciata</i>	LGS	3.53	High	High	2; FGD			16	27	7	1	S
<i>Eubleekeria splendens</i>	LGP	3.53	High	High	2; FGD			33	12	5	2	I
<i>Lobotes surinamensis</i>	LOB	3.65	High	Moderate	1; FGD			18	24	8	1	S
<i>Lutjanus johnii</i>	LJH	4.94	High	High	2; FGD	0.78	14	6	9	35	-1	D
<i>Lutjanus lutjanus</i>	LJL	4.94	High	High	2; FGD			8	10	32	-1	D
<i>Congresox talabonoides</i>	MCG	3.76	High	High	1; FGD			5	7	38	-1	D
<i>Nemipterus japonicus</i>	NNJ	2.35	Moderate	High	1; 2; FGD	0.59	15	17	8	25	0	NS
<i>Nemipterus randalli</i>	NNZ	2.47	Moderate	High	1; 2; FGD			10	14	26	0	NS
<i>Parascopopsis aspinosa</i>	NPS	2.47	Moderate	High	1; 2; FGD			21	22	7	1	S
<i>Plotosus lineatus</i>	PII	3.18	Moderate	High	1; 2; FGD			15	28	7	1	S
<i>Eleutheronema tetradactylum</i>	FOT	5.88	High	High	1; 2; FGD			5	6	39	-1	D
<i>Leptomelanosoma indicum</i>	OYD	6.47	High	Moderate	1; 2; FGD			3	6	41	-1	D
<i>Polydactylus sextarius</i>	OAX	5.53	High	High	1; 2; FGD			9	8	33	-1	D
<i>Rachycentron canadum</i>	CBA	3.65	Moderate	Moderate	1; 2; FGD			23	18	9	1	S
<i>Johnius dussumieri</i>	JOU	3.59	Moderate	High	1; 2; FGD			16	27	7	1	S
<i>Otolithoides biauritus</i>	OTB	3.59	Moderate	Moderate	1; 2; FGD			18	20	12	1	S
<i>Epinephelus lanceolatus</i>	EEN	3.29	High	Moderate	2; FGD			17	25	8	1	S
<i>Epinephelus malabaricus</i>	MAR	3.12	High	Moderate	2; FGD			14	26	10	1	S
<i>Siganus canaliculatus</i>	SCN	2.35	Moderate	High	2; FGD			20	19	11	1	S
<i>Sillago sihama</i>	ILS	3.29	High	High	2; FGD	0.75	7	16	25	9	1	S
<i>Argyrops spinifer</i>	KBR	2.71	Moderate	High	1; 2; FGD			8	8	34	-1	D
<i>Sphyraena obtusata</i>	YRB	4.00	High	High	2; FGD			13	9	28	0	NS
<i>Pampus argenteus</i>	SIP	7.65	High	High	1; 2; FGD	0.4	15	15	22	13	1	S
<i>Pampus chinensis</i>	CPO	7.06	High	High	1; 2; FGD	0.39	15	21	19	10	1	S
<i>Harpadon nehereus</i>	BUC	1.29	High	High	1; 2; FGD	0.38	7	19	22	9	1	S
<i>Saurida tumbil</i>	LIG	1.53	Moderate	High	1; 2; FGD	0.35	16	32	10	8	2	I

<i>Terapon jarbua</i>	TJB	2.59	Moderate	High	2; FGD			22	18	10	1	S
<i>Lepturacanthus savala</i>	SVH	1.76	High	High	1; 2; FGD	0.43	13	16	23	11	1	S

* Data for SMV, SMD and CT are collected from Focus Group Discussions (FGDs). N represents number of participants.

** CTS and CTC represents, D = decreasing (-1); S = stable (1); NS = not significant (0); and I = increasing (2).

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Table S3. Twelve productivity (P) attributes of the listed species (scientific names and 3-alpha FAO codes), i.e., maximum age (t_{max}), maximum size (L_{max}), von Bertalanffy growth coefficient (K), estimated natural mortality (M), measured fecundity (MF), breeding strategy (BS), age at first maturity (t_{mat}), size at first maturity (L_{mat}), mean trophic level (MTL), breeding cycle (BC), age at first maturity/maximum age (t_{mat}/t_{max}), size at first maturity/maximum size (L_{mat}/L_{max}) are shown in below with respective scores (P score), data quality (DQ) and references (Ref.). [1–209]

Species	FAO Code	t_{max} (yr*)	P score	DQ	Ref.	L_{max} (cm*)	P score	DQ	Ref.	K (yr ⁻¹)	P score	DQ	Ref.
<i>Penaeus monodon</i>	GIT	2	3	4	153	35	2	4	154	0.97	3	2	155
<i>Penaeus indicus</i>	PNI	2	3	4	163	23	3	4	154	0.55	2	2	27
<i>Penaeus merguensis</i>	PBA	2	3	4	167	25	3	4	154	1.235	3	2	168
<i>Penaeus semisulcatus</i>	TIP	1.8	3	4	160	23	3	4	154	0.9	2	2	155
<i>Metapenaeus monoceros</i>	MPN	2.5	3	4	171	11	3	4	154	1.52	3	2	155
<i>Metapenaeus affinis</i>	MTJ	3	2	4	180	19	3	1	177	1.7	3	4	181
<i>Metapenaeus brevicornis</i>	MPB	3	2	4	176	15.2	3	1	177	0.31	1	2	27
<i>Mierspenaeopsis sculptilis</i>	NAP	3	2	4	184	17	3	4	154	1.25	3	2	185
<i>Parapenaeopsis hardwickii</i>	NAW	3	2	4	184	13.5	3	4	154	1.1	3	4	189
<i>Parapenaeopsis stylifera</i>	NAY	2.5	3	4	188	14.5	3	4	154	1.66	3	2	27
<i>Portunus pelagicus</i>	SCD	3	2	4	191	20	3	4	192	1.4	3	4	193
<i>Scylla serrata</i>	MUD	4	2	4	196	28	2	4	192	0.36	1	2	197
<i>Sepia aculeata</i>	EJA	2	3	4	201	23	3	4	202	0.67	2	4	203
<i>Uroteuthis duvaucelii</i>	OJD	3	2	4	202	40	2	4	206	0.9	2	4	203
<i>Himantura uarnak</i>	DHV	25	1	4	1	450	1	1	2	0.12	1	4	1
<i>Rhinobatos annandalei</i>	RHD	24	1	4	11	270	1	3	2	0.29	1	4	12
<i>Arius arius</i>	AUI	6	2	4	36	60	1	4	37	0.33	1	3	38
<i>Arius maculatus</i>	CAO	8	1	4	40	80	1	4	41	0.28	1	4	42
<i>Plicofollis layardi</i>	UKY	8.48	1	4	44	45	1	4	45	0.35	1	4	44
<i>Ariomma indicum</i>	DRI	2.68	3	4	3	23	3	2	5	1.12	3	2	80
<i>Alepes djedaba</i>	LSJ	10.2	1	4	67	29	2	1	4	1	3	4	68
<i>Atropus atropos</i>	TUP	3	2	4	71	26.5	2	4	72	1.4	3	4	73

<i>Parastromateus niger</i>	POB	6	2	4	84	54	1	1	85	0.59	2	2	86
<i>Selar crumenophthalmus</i>	BIS	4	2	4	75	30	2	2	5	1.4	3	4	76
<i>Conger cinereus</i>	COI	20	1	4	15	140	1	4	16	0.11	1	4	17
<i>Cynoglossus bilineatus</i>	YOB	12.5	1	4	3	35	2	2	5	0.24	1	4	133
<i>Cynoglossus lingua</i>	YOG	9.38	1	4	3	40	2	2	5	0.32	1	4	8
<i>Dussumieria acuta</i>	RAS	4.11	2	4	3	20	3	2	5	0.73	2	4	142
<i>Coilia dussumieri</i>	ECD	1.5	3	1	21	20	3	2	5	1.3	3	2	21
<i>Stolephorus tri</i>	ESJ	3.06	2	4	26	12	3	2	5	0.65	2	2	27
<i>Thryssa mystax</i>	EYY	4	2	4	30	24.8	3	4	31	1	3	4	32
<i>Gerres filamentosus</i>	GEF	2	3	4	3	30	2	4	4	1.5	3	4	94
<i>Aurigequula fasciata</i>	LGS	2.3	3	4	89	21	3	4	4	0.72	2	4	8
<i>Eubleekeria splendens</i>	LGP	2.3	3	4	89	17	3	1	4	0.52	2	4	91
<i>Lobotes surinamensis</i>	LOB	7	2	4	134	110	1	4	135	0.42	2	4	136
<i>Lutjanus johnii</i>	LJH	10	1	2	97	40	2	2	5	0.28	1	2	97
<i>Lutjanus lutjanus</i>	LJL	11	1	4	99	35	2	4	100	0.15	1	4	98
<i>Congresox talabonoides</i>	MCG	15.79	1	4	3	200	1	2	5	0.19	1	4	8
<i>Nemipterus japonicus</i>	NNJ	8	1	4	104	32	2	2	5	0.94	3	2	86
<i>Nemipterus randalli</i>	NNZ	3	2	4	106	25	3	4	107	0.32	1	4	107
<i>Parascolopsis aspinosa</i>	NPS	4.48	2	4	3	30.8	2	4	111	0.67	2	4	112
<i>Plotosus lineatus</i>	PII	2.19	3	4	47	30	2	1	4	1.37	3	4	47
<i>Eleutheronema tetradactylum</i>	FOT	20	1	4	3	90	1	2	4	0.15	1	4	120
<i>Leptomelanosoma indicum</i>	OYD	15.78	1	4	3	142	1	4	123	0.19	1	4	8
<i>Polydactylus sextarius</i>	OAX	8.11	1	4	3	30	2	1	4	0.37	1	4	8
<i>Rachycentron canadum</i>	CBA	12.48	1	4	145	200	1	1	4	0.24	1	4	145
<i>Johnius dussumieri</i>	JOU	3.13	2	4	3	18	3	2	5	0.96	3	4	113
<i>Otolithoides biauritus</i>	OTB	6	2	4	117	151.9	1	4	118	0.19	1	4	118
<i>Epinephelus lanceolatus</i>	EEN	5	2	4	3	106	1	1	4	0.6	2	4	56
<i>Epinephelus malabaricus</i>	MAR	3.75	2	4	3	150	1	2	4	0.8	2	4	60
<i>Siganus canaliculatus</i>	SCN	7.8	1	4	148	40	2	4	149	1.6	3	4	150
<i>Sillago sihama</i>	ILS	7	2	4	34	30	2	4	4	0.39	2	2	27
<i>Argyrops spinifer</i>	KBR	25	1	4	101	70	1	4	4	0.22	1	4	102
<i>Sphyræna obtusata</i>	YRB	4.23	2	4	3	35	2	1	4	0.71	2	4	144
<i>Pampus argenteus</i>	SIP	7	2	4	131	52	1	1	85	0.53	2	2	86

<i>Pampus chinensis</i>	CPO	4.5	2	4	3	50	1	1	85	0.67	2	2	86
<i>Harpadon nehereus</i>	BUC	2.6	3	4	52	40	2	2	5	0.42	2	2	27
<i>Saurida tumbil</i>	LIG	7	2	4	49	45	1	2	5	0.64	2	2	50
<i>Terapon jarbua</i>	TJB	4	2	4	61	30	2	2	5	0.62	2	4	62
<i>Lepturacanthus savala</i>	SVH	3.3	2	4	125	104	1	1	126	0.8	2	2	126

* yr = year and cm = centimeter

Table S3. (continued)

Species	FAO Code	<i>M</i> (yr ⁻¹)	<i>P</i> score	DQ	Ref.	MF	<i>P</i> score	DQ	Ref.	BS (<i>P</i> score)	DQ	Ref.
<i>Penaeus monodon</i>	GIT	1.72	3	2	155	120155	3	4	156	2	1	157
<i>Penaeus indicus</i>	PNI	1.303	2	2	27	40000	2	4	164	2	1	157
<i>Penaeus merguensis</i>	PBA	2.37	3	2	168	59449	2	4	169	2	1	157
<i>Penaeus semisulcatus</i>	TIP	1.72	3	2	155	51605	2	4	161	2	1	161
<i>Metapenaeus monoceros</i>	MPN	2.65	3	2	155	47930	2	4	172	2	1	173
<i>Metapenaeus affinis</i>	MTJ	2.61	3	4	181	88000	3	4	182	2	1	157
<i>Metapenaeus brevicornis</i>	MPB	0.997	2	2	27	47930	2	4	172	2	1	157
<i>Mierspenaeopsis sculptilis</i>	NAP	2.43	3	2	185	39500	2	4	186	2	1	187
<i>Parapenaeopsis hardwickii</i>	NAW	2.07	3	4	189	17250	2	4	190	2	1	157
<i>Parapenaeopsis stylifera</i>	NAY	3.062	3	2	27	39500	2	4	186	2	1	186
<i>Portunus pelagicus</i>	SCD	2.2	3	4	193	60000	2	4	194	2	1	157
<i>Scylla serrata</i>	MUD	0.58	1	2	197	2000000	3	2	154	2	1	198
<i>Sepia aculeata</i>	EJA	1.33	2	4	203	214	1	4	204	2	1	157
<i>Uroteuthis duvaucelii</i>	OJD	1.41	2	4	203	1500	1	4	207	2	1	157
<i>Himantura uarnak</i>	DHV	0.2	1	4	3	5	1	2	4	1	1	4, 5, 6
<i>Rhinobatos annandalei</i>	RHD	0.2	1	4	3	6	1	4	13	1	1	4, 6
<i>Arius arius</i>	AUI	0.7	1	4	3	66	1	4	39	1	1	4
<i>Arius maculatus</i>	CAO	0.86	1	4	42	47	1	4	43	1	1	4
<i>Plicofollis layardi</i>	UKY	0.54	1	4	44	29	1	4	46	1	1	4
<i>Ariomma indicum</i>	DRI	2.1	3	2	80	18234	2	4	81	3	1	82
<i>Alepes djedaba</i>	LSJ	1.8	3	4	68	59744	2	4	69	3	1	70

<i>Atropus atropus</i>	TUP	2.34	3	4	73	33298	2	4	74	3	1	70
<i>Parastromateus niger</i>	POB	1.16	2	2	86	112170	3	1	87	3	1	88
<i>Selar crumenophthalmus</i>	BIS	2.21	3	4	76	86760	3	4	77	3	1	4, 24
<i>Conger cinereus</i>	COI	0.25	1	4	18	3000000	3	4	19	3	1	20
<i>Cynoglossus bilineatus</i>	YOB	0.49	1	4	133	360	1	4	33	3	1	24
<i>Cynoglossus lingua</i>	YOG	0.64	1	4	8	360	1	4	33	3	1	24
<i>Dussumieria acuta</i>	RAS	1.59	2	4	142	12642	1	4	143	3	3	24
<i>Coilia dussumieri</i>	ECD	2.49	3	2	22	1000	1	4	23	3	1	24
<i>Stolephorus tri</i>	ESJ	1.59	2	2	27	2055	1	4	28	3	1	29
<i>Thryssa mystax</i>	EYY	1.03	2	4	32	1920	1	4	33	3	1	34
<i>Gerres filamentosus</i>	GEF	2.47	3	4	94	121700	3	4	95	3	1	96
<i>Aurigequula fasciata</i>	LGS	1.4	2	4	3	5397	1	4	90	3	1	24
<i>Eubleekeria splendens</i>	LGP	1.38	2	4	91	5715	1	4	92	3	1	93
<i>Lobotes surinamensis</i>	LOB	0.97	2	4	137	66843	2	4	138	3	1	139
<i>Lutjanus johnii</i>	LJH	0.59	1	2	97	149223	3	4	98	3	1	99
<i>Lutjanus lutjanus</i>	LJL	0.48	1	4	98	143264	3	4	98	3	1	99
<i>Congresox talabonoides</i>	MCG	0.3	1	4	3	306573	3	2	5	3	3	20
<i>Nemipterus japonicus</i>	NNJ	1.79	3	2	86	14212	2	4	105	3	1	4
<i>Nemipterus randalli</i>	NNZ	0.86	1	4	107	12548	1	4	108	3	1	109
<i>Parascolopsis aspinosa</i>	NPS	1.4	2	4	112	45823	2	4	111	3	3	109
<i>Plotosus lineatus</i>	PII	1.66	3	4	47	913	1	4	47	2	1	48
<i>Eleutheronema tetradactylum</i>	FOT	0.5	1	4	3	1005219	3	1	121	3	1	122
<i>Leptomelanosoma indicum</i>	OYD	0.4	1	4	3	1005219	3	3	121	3	3	122
<i>Polydactylus sextarius</i>	OAX	0.89	1	4	8	150000	3	3	124	3	3	122
<i>Rachycentron canadum</i>	CBA	0.42	1	4	145	1231630	3	4	146	3	1	4
<i>Johnius dussumieri</i>	JOU	2.02	3	4	113	93679	3	4	114	3	3	115
<i>Otolithoides biauritus</i>	OTB	0.37	1	4	118	182020	3	4	119	3	3	24
<i>Epinephelus lanceolatus</i>	EEN	0.5	1	4	3	51087	2	4	57	3	1	58
<i>Epinephelus malabaricus</i>	MAR	1.05	2	4	60	99000	3	4	59	3	1	58
<i>Siganus canaliculatus</i>	SCN	2.37	3	4	151	242000	3	4	152	3	1	24
<i>Sillago sihama</i>	ILS	0.99	2	2	27	12023	1	4	66	3	1	24
<i>Argyrops spinifer</i>	KBR	0.26	1	4	102	47000	2	4	103	3	1	103
<i>Sphyaena obtusata</i>	YRB	1.35	2	4	144	30175	2	4	4	3	1	4

<i>Pampus argenteus</i>	SIP	1.18	2	2	86	26109	2	1	129	3	1	24
<i>Pampus chinensis</i>	CPO	1.29	2	2	86	26109	2	3	129	3	1	24
<i>Harpadon nehereus</i>	BUC	0.94	2	2	27	89600	3	4	53	3	1	48
<i>Saurida tumbil</i>	LIG	1.66	3	2	50	24160	2	4	51	3	1	24
<i>Terapon jarbua</i>	TJB	1.23	2	4	62	13475	2	4	63	2	1	64
<i>Lepturacanthus savala</i>	SVH	1.08	2	2	126	10435	1	2	127	3	3	128

Table S3. (continued)

Species	FAO Code	t_{mat} (yr ^a)	P score	DQ	Ref.	L_{mat} (cm ^a)	P score	DQ	Ref.	MTL	P score	DQ	Ref.
<i>Penaeus monodon</i>	GIT	0.67	3	4	158	16.35	2	4	156	3.36	3	3	159
<i>Penaeus indicus</i>	PNI	0.372	3	4	165	14.86	2	4	166	3.32	3	3	159
<i>Penaeus merguensis</i>	PBA	0.416	3	4	169	16	2	4	169	3.77	2	3	159
<i>Penaeus semisulcatus</i>	TIP	0.5	3	4	162	15.7	2	4	162	2.92	3	3	159
<i>Metapenaeus monoceros</i>	MPN	0.58	3	4	174	7.4	3	4	175	3.35	3	3	159
<i>Metapenaeus affinis</i>	MTJ	0.5	3	4	181	8.86	3	4	182	3.93	1	3	159
<i>Metapenaeus brevicornis</i>	MPB	0.5	2	4	178	10	3	4	176	3.35	3	3	159
<i>Mierspenaeopsis sculptilis</i>	NAP	0.5	3	4	178	7.8	3	4	187	3.1	3	3	159
<i>Parapenaeopsis hardwickii</i>	NAW	0.5	3	4	178	7.3	3	4	190	3.1	3	3	159
<i>Parapenaeopsis styliifera</i>	NAY	0.5	3	4	188	7.5	3	4	188	2.66	3	3	159
<i>Portunus pelagicus</i>	SCD	1	2	4	154	10.5	3	4	195	3.54	2	3	159
<i>Scylla serrata</i>	MUD	1.5	2	4	154	10.98	3	4	199	3.5	2	3	159
<i>Sepia aculeata</i>	EJA	0.75	1	4	205	9.9	3	4	204	3.39	3	3	159
<i>Uroteuthis duvaucelii</i>	OJD	1	2	4	208	10.25	3	4	208	3.77	2	3	159
<i>Himantura uarnak</i>	DHV	4	1	4	7	202.2	1	4	3	3.6	2	3	8
<i>Rhinobatos annandalei</i>	RHD	2	2	4	12	128.7	1	4	3	3.8	2	3	8
<i>Arius arius</i>	AUI	2.41	1	4	3	34.1	1	4	3	3.5	2	3	8
<i>Arius maculatus</i>	CAO	3	1	4	40	44	1	4	3	3.4	2	3	8

<i>Plicofollis layardi</i>	UKY	2.1	1	4	44	26.4	1	4	3	4	1	3	8
<i>Ariomma indicum</i>	DRI	0.73	3	4	3	13.5	2	4	83	3.6	2	3	8
<i>Alepes djedaba</i>	LSJ	0.85	3	4	3	17.4	2	4	69	3.3	3	3	8
<i>Atropus atropus</i>	TUP	0.65	3	4	71	8	3	4	4	3.6	2	3	8
<i>Parastrumateus niger</i>	POB	1.3	2	4	3	30	1	4	5	2.9	3	3	8
<i>Selar crumenophthalmus</i>	BIS	0.55	3	4	3	17	2	4	78	3.8	2	3	8
<i>Conger cinereus</i>	COI	6.35	1	4	3	72	1	4	3	4.3	1	3	8
<i>Cynoglossus bilineatus</i>	YOB	3.61	1	4	3	21.2	2	4	3	3.5	2	3	8
<i>Cynoglossus lingua</i>	YOG	2.64	1	4	3	23.8	2	4	3	3.5	2	3	8
<i>Dussumieria acuta</i>	RAS	1.3	2	4	3	12.9	3	4	3	3.4	2	3	8
<i>Coilia dussumieri</i>	ECD	0.75	3	4	3	13.1	2	4	25	3.3	3	3	8
<i>Stolephorus tri</i>	ESJ	1.25	2	4	3	7.1	3	4	26	3.3	3	3	8
<i>Thryssa mystax</i>	EYY	0.69	3	4	3	13	2	4	35	3.6	2	3	8
<i>Gerres filamentosus</i>	GEF	0.38	3	4	3	13.7	2	4	95	3.3	3	3	8
<i>Aurigequula fasciata</i>	LGS	1.31	2	4	3	13.5	2	4	3	3.3	3	3	8
<i>Eubleekeria splendens</i>	LGP	1.04	2	4	3	7.5	3	4	92	2.9	3	3	8
<i>Lobotes surinamensis</i>	LOB	1	2	4	140	46.3	1	4	141	4	1	3	8
<i>Lutjanus johnii</i>	LJH	3.02	1	4	3	23.8	2	4	3	4.2	1	3	8
<i>Lutjanus lutjanus</i>	LJL	2.65	1	4	3	12	3	4	4	4.1	1	3	8
<i>Congresox talabonoides</i>	MCG	5.02	1	4	3	125	1	4	5	4.3	1	3	8
<i>Nemipterus japonicus</i>	NNJ	0.84	3	4	3	18.3	2	4	105	4.1	1	3	8
<i>Nemipterus randalli</i>	NNZ	1.7	2	4	3	11.02	3	4	110	3.8	2	3	8
<i>Parascolopsis aspinosa</i>	NPS	0.66	3	4	3	11.5	3	4	111	3.5	2	3	8
<i>Plotosus lineatus</i>	PII	0.65	3	4	3	18.5	2	4	3	3.6	2	3	8
<i>Eleutheronema tetradactylum</i>	FOT	2.77	1	4	3	31.5	1	4	120	4.1	1	3	8
<i>Leptomelanosoma indicum</i>	OYD	3.68	1	4	3	73	1	4	3	3.9	2	3	8
<i>Polydactylus sextarius</i>	OAX	2.39	1	4	3	18.5	2	4	3	3.8	2	3	8
<i>Rachycentron canadum</i>	CBA	1.77	2	4	147	72	1	4	147	4	1	3	8
<i>Johnius dussumieri</i>	JOU	0.901	3	4	3	11	3	4	116	4.1	1	3	8
<i>Otolithoides biauritus</i>	OTB	1.1	2	4	8	110.15	1	4	119	4.1	1	3	8
<i>Epinephelus lanceolatus</i>	EEN	1.21	2	4	3	56.3	1	4	3	4	1	3	8
<i>Epinephelus malabaricus</i>	MAR	0.87	3	4	3	76.6	1	4	3	4.2	1	3	8
<i>Siganus canaliculatus</i>	SCN	1.9	2	4	148	22.6	2	4	152	2.8	3	3	8

<i>Sillago sihama</i>	ILS	1.94	2	4	3	16.7	2	4	66	3.3	3	3	8
<i>Argyrops spinifer</i>	KBR	5.6	1	4	101	37.2	1	4	101	4.5	1	3	8
<i>Sphyraena obtusata</i>	YRB	1.22	2	4	3	21.2	2	4	3	4.5	1	3	8
<i>Pampus argenteus</i>	SIP	1.34	2	4	3	27.5	1	4	132	3.3	3	3	8
<i>Pampus chinensis</i>	CPO	1.22	2	4	3	29	1	4	3	3.6	2	3	8
<i>Harpadon nehereus</i>	BUC	0.96	3	4	54	23.79	2	4	52	4.2	1	3	8
<i>Saurida tumbil</i>	LIG	0.93	3	4	51	29.6	1	4	51	4.4	1	3	8
<i>Terapon jarbua</i>	TJB	1.74	2	4	3	20.8	2	4	65	3.9	2	3	8
<i>Lepturacanthus savala</i>	SVH	0.45	3	4	3	32.5	1	2	127	4.3	1	3	8

* yr = year and cm = centimeter

Table S3. (continued)

Species	FAO Code	BC (P score)	DQ	Ref.	t_{mat}/t_{max} (yr*)	P score	DQ	Ref.	L_{mat}/L_{max} (cm*)	P score	DQ	Ref.
<i>Penaeus monodon</i>	GIT	3	4	156	0.34	1	4	153; 158	0.47	3	4	154; 156
<i>Penaeus indicus</i>	PNI	3	4	166	0.19	3	4	163; 165	0.65	1	4	154; 166
<i>Penaeus merguensis</i>	PBA	3	4	170	0.21	2	4	167; 169	0.64	1	4	154; 169
<i>Penaeus semisulcatus</i>	TIP	3	4	161	0.28	2	4	160; 162	0.68	1	4	154; 162
<i>Metapenaeus monoceros</i>	MPN	3	4	172	0.23	2	4	171; 174	0.67	1	4	154; 175
<i>Metapenaeus affinis</i>	MTJ	3	4	183	0.17	3	4	180; 181	0.47	3	4	177; 182
<i>Metapenaeus brevicornis</i>	MPB	3	4	179	0.17	3	4	176; 178	0.66	1	4	176; 177
<i>Mierspenaeopsis sculptilis</i>	NAP	3	4	187	0.17	3	4	184; 178	0.46	3	4	154; 187
<i>Parapenaeopsis hardwickii</i>	NAW	3	4	190	0.17	3	4	184; 178	0.54	2	4	154; 190
<i>Parapenaeopsis stylifera</i>	NAY	3	4	186	0.20	2	4	188	0.52	2	4	154; 188
<i>Portunus pelagicus</i>	SCD	3	4	195	0.33	1	4	154; 191	0.53	2	4	192; 195
<i>Scylla serrata</i>	MUD	3	4	200	0.38	1	4	154; 196	0.39	3	4	192; 199
<i>Sepia aculeata</i>	EJA	3	4	201	0.38	1	4	201; 205	0.43	3	4	202; 204
<i>Uroteuthis duvaucelii</i>	OJD	3	4	209	0.33	1	4	202; 208	0.26	3	4	206; 208

<i>Himantura uarnak</i>	DHV	2	4	9, 10	0.16	3	4	1; 7	0.45	3	4	2; 3
<i>Rhinobatos annandalei</i>	RHD	2	4	14	0.08	3	4	11; 12	0.48	3	4	2; 3
<i>Arius arius</i>	AUI	2	3	4	0.40	1	4	3; 36	0.57	2	4	3; 37
<i>Arius maculatus</i>	CAO	2	2	4	0.38	1	4	40	0.55	2	4	3; 41
<i>Plicofollis layardi</i>	UKY	2	3	4	0.25	2	4	44	0.59	2	4	3; 45
<i>Ariomma indicum</i>	DRI	2	4	83	0.27	2	4	3	0.59	2	4	5; 83
<i>Alepes djedaba</i>	LSJ	2	4	69	0.08	3	4	3; 67	0.60	1	4	4; 69
<i>Atropus atropus</i>	TUP	3	4	74	0.22	2	4	71	0.30	3	4	4; 72
<i>Parastromateus niger</i>	POB	2	1	87	0.22	2	4	3; 84	0.56	2	4	5; 85
<i>Selar crumenophthalmus</i>	BIS	3	4	79	0.14	3	4	3; 75	0.57	2	4	5; 78
<i>Conger cinereus</i>	COI	1	4	20	0.32	1	4	3; 15	0.51	2	4	3; 16
<i>Cynoglossus bilineatus</i>	YOB	3	4	33	0.29	2	4	3	0.61	1	4	3; 5
<i>Cynoglossus lingua</i>	YOG	3	4	33	0.28	2	4	3	0.60	1	4	3; 5
<i>Dussumieria acuta</i>	RAS	2	4	143	0.32	1	4	3	0.65	1	4	3; 5
<i>Coilia dussumieri</i>	ECD	3	4	25	0.50	1	4	3; 21	0.66	1	4	5; 25
<i>Stolephorus tri</i>	ESJ	3	4	26	0.41	1	4	3; 26	0.59	2	4	5; 26
<i>Thryssa mystax</i>	EYY	2	4	33	0.17	3	4	3; 30	0.52	2	4	31; 35
<i>Gerres filamentosus</i>	GEF	3	4	95	0.19	3	4	3	0.46	3	4	4; 95
<i>Aurigequula fasciata</i>	LGS	2	4	90	0.57	1	4	3; 89	0.64	1	4	3; 4
<i>Eubleekeria splendens</i>	LGP	3	4	92	0.45	1	4	3; 89	0.44	3	4	4; 92
<i>Lobotes surinamensis</i>	LOB	3	4	139	0.14	3	4	134; 140	0.42	3	4	135; 141
<i>Lutjanus johnii</i>	LJH	3	4	98	0.30	1	4	3; 97	0.60	1	4	3; 5
<i>Lutjanus lutjanus</i>	LJL	3	4	98	0.24	2	4	3; 99	0.34	3	4	4; 100
<i>Congresox talabonoides</i>	MCG	2	2	5	0.32	1	4	3	0.63	1	4	5
<i>Nemipterus japonicus</i>	NNJ	3	4	105	0.11	3	4	3; 104	0.57	2	4	5; 105
<i>Nemipterus randalli</i>	NNZ	2	4	110	0.57	1	4	3; 106	0.44	3	4	107; 110
<i>Parascolopsis aspinosa</i>	NPS	3	4	111	0.15	3	4	3	0.37	3	4	111
<i>Plotosus lineatus</i>	PII	2	4	47	0.30	1	4	3; 47	0.62	1	4	3; 4
<i>Eleutheronema tetradactylum</i>	FOT	3	1	121	0.14	3	4	3	0.35	3	4	4; 120
<i>Leptomelanosoma indicum</i>	OYD	3	3	121	0.23	2	4	3	0.51	2	4	3; 123
<i>Polydactylus sextarius</i>	OAX	3	4	4	0.29	2	4	3	0.62	1	4	3; 4
<i>Rachycentron canadum</i>	CBA	3	4	147	0.14	3	4	145; 147	0.36	3	4	4; 147
<i>Johnius dussumieri</i>	JOU	2	4	114	0.29	2	4	3	0.61	1	4	5; 116

<i>Otolithoides biauritus</i>	OTB	3	4	119	0.18	3	4	8; 117	0.73	1	4	118; 119
<i>Epinephelus lanceolatus</i>	EEN	2	4	59	0.24	2	4	3	0.53	2	4	3; 4
<i>Epinephelus malabaricus</i>	MAR	2	4	59	0.23	2	4	3	0.51	2	4	3; 4
<i>Siganus canaliculatus</i>	SCN	3	4	152	0.24	2	4	148	0.57	2	4	149; 152
<i>Sillago sihama</i>	ILS	3	4	66	0.28	2	4	3; 34	0.56	2	4	4; 66
<i>Argyrops spinifer</i>	KBR	2	4	101	0.22	2	4	101	0.53	2	4	4; 101
<i>Sphyaena obtusata</i>	YRB	2	2	4	0.29	2	4	3	0.61	1	4	3; 4
<i>Pampus argenteus</i>	SIP	3	4	132	0.19	3	4	3; 131	0.53	2	4	85; 132
<i>Pampus chinensis</i>	CPO	2	4	130	0.27	2	4	3	0.58	2	4	3; 85
<i>Harpadon nehereus</i>	BUC	3	4	55	0.37	1	4	52; 54	0.59	2	4	5; 52
<i>Saurida tumbil</i>	LIG	2	4	51	0.13	3	4	49; 51	0.66	1	4	5; 51
<i>Terapon jarbua</i>	TJB	2	2	5	0.44	1	4	3; 61	0.69	1	4	5; 65
<i>Lepturacanthus savala</i>	SVH	3	1	127	0.14	3	4	3; 125	0.31	3	4	126; 127

* yr = year and cm = centimeter

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Table S4. Ten susceptibility (S) attributes of the listed species (scientific names and 3-alpha FAO codes), i.e., areal overlap (AO), vertical overlap (VO), seasonal migrations (SM), schooling, aggregation, and other behavioral responses (SABR), morphological characteristics affecting capture (MCAC), management strategy (MSt), survival after capture and release (SCR), species market value (SMV), species market demand (SMD), fishing rate relative to natural mortality (F/M) are shown in below with respective scores (S score), data quality (DQ) and references (Ref.). [1–40]

Species	FAO Code	AO (S score)	DQ	Ref.	VO (S score)	DQ	Ref.	SM (S score)	DQ	Ref.
<i>Penaeus monodon</i>	GIT	3	1	31 ; FGD	3	4	31 ; FGD	3	2	32; 33; FGD
<i>Penaeus indicus</i>	PNI	3	1	31 ; FGD	3	4	31 ; FGD	3	3	32; 33; FGD
<i>Penaeus merguensis</i>	PBA	2	1	31 ; FGD	2	4	31 ; FGD	2	2	31; 33; FGD
<i>Penaeus semisulcatus</i>	TIP	3	1	31 ; FGD	3	4	31 ; FGD	2	3	32; 33; FGD
<i>Metapenaeus monoceros</i>	MPN	3	1	31 ; FGD	3	4	31 ; FGD	2	2	31; 33; FGD
<i>Metapenaeus affinis</i>	MTJ	3	1	31 ; FGD	3	4	31 ; FGD	2	2	31; 33; FGD
<i>Metapenaeus brevicornis</i>	MPB	3	1	31 ; FGD	3	4	31 ; FGD	1	2	31; 33; FGD
<i>Mierspenaeopsis sculptilis</i>	NAP	3	1	31 ; FGD	3	4	31 ; FGD	2	2	31; 33; FGD
<i>Parapenaeopsis hardwickii</i>	NAW	2	1	31 ; FGD	2	4	31 ; FGD	1	3	31; 33; FGD
<i>Parapenaeopsis stylifera</i>	NAY	2	1	31 ; FGD	2	4	31 ; FGD	1	3	31; 33; FGD
<i>Portunus pelagicus</i>	SCD	2	1	31 ; FGD	2	4	31 ; FGD	2	3	32; 33; FGD
<i>Scylla serrata</i>	MUD	2	1	31 ; FGD	2	4	31 ; FGD	2	2	32; 33; FGD
<i>Sepia aculeata</i>	EJA	3	3	1; FGD	3	4	1; FGD	2	4	40; FGD
<i>Uroteuthis duvaucelii</i>	OJD	3	3	1; FGD	3	4	1; FGD	2	4	40; FGD
<i>Himantura uarnak</i>	DHV	1	3	1; FGD	1	4	1; FGD	1	4	2; 3; 4; FGD
<i>Rhinobatos annandalei</i>	RHD	1	3	1; FGD	1	4	1; FGD	1	4	2; 4; FGD
<i>Arius arius</i>	AUI	2	3	1; FGD	2	4	1; FGD	2	2	2; 3; 4; FGD

<i>Arius maculatus</i>	CAO	2	3	1; FGD	2	4	1; FGD	1	2	2; 3; 4; FGD
<i>Plicofollis layardi</i>	UKY	2	3	1; FGD	2	4	1; FGD	2	3	2; 3; 4; FGD
<i>Arionma indicum</i>	DRI	3	3	1; FGD	3	4	1; FGD	3	4	2; 4; FGD
<i>Alepes djedaba</i>	LSJ	3	3	1; FGD	3	4	1; FGD	2	4	2; 4; FGD
<i>Atropus atropus</i>	TUP	3	3	1; FGD	3	4	1; FGD	3	3	4; FGD
<i>Parastromateus niger</i>	POB	3	3	1; FGD	3	4	1; FGD	3	3	4; 9; FGD
<i>Selar crumenophthalmus</i>	BIS	3	3	1; FGD	3	4	1; FGD	3	4	4; FGD
<i>Conger cinereus</i>	COI	3	3	1; FGD	3	4	1; FGD	3	4	2; FGD
<i>Cynoglossus bilineatus</i>	YOB	3	3	10; FGD	3	4	1; FGD	2	3	4; 9; FGD
<i>Cynoglossus lingua</i>	YOG	3	1	10; FGD	3	4	1; FGD	3	2	4; 9; FGD
<i>Dussumieria acuta</i>	RAS	1	3	1; FGD	1	4	1; FGD	1	4	2; FGD
<i>Coilia dussumieri</i>	ECD	3	1	10; FGD	3	4	1; FGD	2	2	2; 4; 9; FGD
<i>Stolephorus tri</i>	ESJ	2	3	1; FGD	2	4	1; FGD	1	2	2; 3; 4; FGD
<i>Thryssa mystax</i>	EYY	2	3	1; FGD	2	4	1; FGD	2	4	4; 9; FGD
<i>Gerres filamentosus</i>	GEF	3	3	1; FGD	3	4	1; FGD	3	2	4; FGD
<i>Aurigequula fasciata</i>	LGS	2	3	1; FGD	2	4	1; FGD	1	4	2; 4; FGD
<i>Eubleekeria splendens</i>	LGP	2	3	1; FGD	2	4	1; FGD	1	4	2; 4; FGD
<i>Lobotes surinamensis</i>	LOB	2	3	1; FGD	2	4	1; FGD	1	2	4; 9; FGD
<i>Lutjanus johnii</i>	LJH	2	3	1; FGD	2	4	1; FGD	2	2	4; FGD
<i>Lutjanus lutjanus</i>	LJL	2	3	1; FGD	2	4	1; FGD	2	3	4; FGD
<i>Congresox talabonoides</i>	MCG	3	3	1; FGD	3	4	1; FGD	2	2	3; 4; 9; FGD
<i>Nemipterus japonicus</i>	NNJ	3	3	1; FGD	3	4	1; FGD	3	4	2; 23; FGD
<i>Nemipterus randalli</i>	NNZ	3	3	1; FGD	3	4	1; FGD	3	4	2; 23; FGD
<i>Parascolopsis aspinosa</i>	NPS	3	3	1; FGD	3	4	1; FGD	3	4	2; 23; FGD
<i>Plotosus lineatus</i>	PII	1	3	10; FGD	1	4	1; FGD	1	3	2; 4; FGD
<i>Eleutheronema tetradactylum</i>	FOT	2	3	1; FGD	2	4	1; FGD	2	2	2; 4; 9; FGD
<i>Leptomelanosoma indicum</i>	OYD	2	3	1; FGD	2	4	1; FGD	2	2	2; 4; 9; FGD
<i>Polydactylus sextarius</i>	OAX	2	3	1; FGD	2	4	1; FGD	2	3	4; FGD
<i>Rachycentron canadum</i>	CBA	3	3	1; FGD	3	4	1; FGD	2	3	4; FGD
<i>Johnius dussumieri</i>	JOU	1	3	1; FGD	1	4	1; FGD	1	3	4; FGD
<i>Otolithoides biauritus</i>	OTB	1	3	1; FGD	1	4	1; FGD	1	3	4; FGD
<i>Epinephelus lanceolatus</i>	EEN	2	3	1; FGD	2	4	1; FGD	1	3	4; FGD
<i>Epinephelus malabaricus</i>	MAR	2	3	1; FGD	2	4	1; FGD	2	2	4; FGD

<i>Siganus canaliculatus</i>	SCN	1	3	1; FGD	1	4	1; FGD	1	4	4; FGD
<i>Sillago sihama</i>	ILS	1	3	10; FGD	1	4	1; FGD	1	3	2; 4; FGD
<i>Argyrops spinifer</i>	KBR	1	3	1; FGD	1	4	1; FGD	1	3	2; FGD
<i>Sphyraena obtusata</i>	YRB	2	3	1; FGD	2	4	1; FGD	2	4	2; FGD
<i>Pampus argenteus</i>	SIP	2	3	1; FGD	2	4	1; FGD	1	2	2; 4; 9; FGD
<i>Pampus chinensis</i>	CPO	2	3	1; FGD	2	4	1; FGD	1	2	2; 4; 9; FGD
<i>Harpadon nehereus</i>	BUC	1	3	1; FGD	1	4	1; FGD	1	2	2; 3; 4; 9; FGD
<i>Saurida tumbil</i>	LIG	3	3	1; FGD	3	4	1; FGD	2	3	4; FGD
<i>Terapon jarbua</i>	TJB	2	3	1; FGD	2	4	1; FGD	1	2	4; 9; FGD
<i>Lepturacanthus savala</i>	SVH	2	3	1; FGD	2	4	1; FGD	2	2	2; 9; FGD

Table S4. (continued)

Species	FAO Code	SABR (S score)	DQ	Ref.	MCAC (S score)	DQ	Ref.	MSt (S score)	DQ	Ref.
<i>Penaeus monodon</i>	GIT	2	2	32; 34; FGD	3	4	32; FGD	2	1	6; 7; FGD
<i>Penaeus indicus</i>	PNI	2	4	32; 34; FGD	3	4	32; FGD	2	1	6; 7; FGD
<i>Penaeus merguensis</i>	PBA	3	2	32; 34; FGD	3	4	32; FGD	2	1	6; 7; FGD
<i>Penaeus semisulcatus</i>	TIP	2	2	32; 34; 36; FGD	3	4	32; FGD	2	1	6; 7; FGD
<i>Metapenaeus monoceros</i>	MPN	3	2	32; 34; FGD	3	4	31; FGD	2	1	6; 7; FGD
<i>Metapenaeus affinis</i>	MTJ	2	4	32; FGD	3	4	32; FGD	2	1	6; 7; FGD
<i>Metapenaeus brevicornis</i>	MPB	3	2	32; 34; FGD	3	4	32; FGD	2	1	6; 7; FGD
<i>Mierspenaeopsis sculptilis</i>	NAP	2	4	32; FGD	3	4	32; FGD	2	1	6; 7; FGD
<i>Parapenaeopsis hardwickii</i>	NAW	2	4	32; FGD	3	4	32; FGD	2	1	6; 7; FGD
<i>Parapenaeopsis stylifera</i>	NAY	2	4	32; FGD	3	4	32; FGD	2	1	6; 7; FGD
<i>Portunus pelagicus</i>	SCD	2	4	32; FGD	3	4	32; FGD	2	1	6; 7; FGD
<i>Scylla serrata</i>	MUD	2	4	32; FGD	3	4	32; FGD	2	1	6; 7; FGD
<i>Sepia aculeata</i>	EJA	2	4	40; FGD	3	4	40; FGD	2	1	6; 7; FGD
<i>Uroteuthis duvaucelii</i>	OJD	3	4	40; FGD	3	4	40; FGD	2	1	6; 7; FGD
<i>Himantura uarnak</i>	DHV	2	4	3; 5; FGD	1	4	2; 3; FGD	2	1	6; 7; FGD
<i>Rhinobatos annandalei</i>	RHD	2	4	8; FGD	1	4	2; 3; FGD	2	1	6; 7; FGD

<i>Arius arius</i>	AUI	3	3	2; FGD	3	4	2; 3; FGD	2	1	6; 7; FGD
<i>Arius maculatus</i>	CAO	2	1	2; 13; FGD	3	4	2; 3; FGD	2	1	6; 7; FGD
<i>Plicofollis layardi</i>	UKY	3	3	2; FGD	3	4	2; 3; FGD	2	1	6; 7; FGD
<i>Ariomma indicum</i>	DRI	2	1	2; FGD	3	4	2; FGD	2	1	6; 7; FGD
<i>Alepes djedaba</i>	LSJ	3	1	2; 18; FGD	3	4	2; FGD	2	1	6; 7; FGD
<i>Atropus atropos</i>	TUP	2	1	2; FGD	3	4	2; FGD	2	1	6; 7; FGD
<i>Parastrumateus niger</i>	POB	3	1	2; 13; FGD	3	4	2; 3; FGD	2	1	6; 7; FGD
<i>Selar crumenophthalmus</i>	BIS	3	1	2; FGD	3	4	2; FGD	2	1	6; 7; FGD
<i>Conger cinereus</i>	COI	2	4	2; FGD	3	4	2; FGD	2	1	6; 7; FGD
<i>Cynoglossus bilineatus</i>	YOB	2	4	2; FGD	3	4	2; 3; FGD	2	1	6; 7; FGD
<i>Cynoglossus lingua</i>	YOG	2	4	2; FGD	3	4	3; FGD	2	1	6; 7; FGD
<i>Dussumieria acuta</i>	RAS	2	4	2; FGD	3	4	2; 3; 28; FGD	2	1	6; 7; FGD
<i>Coilia dussumieri</i>	ECD	3	4	2; 3; FGD	3	4	2; 3; FGD	2	1	6; 7; FGD
<i>Stolephorus tri</i>	ESJ	2	1	2; FGD	3	4	2; 3; FGD	2	1	6; 7; FGD
<i>Thryssa mystax</i>	EYY	3	1	2; FGD	3	4	2; 3; FGD	2	1	6; 7; FGD
<i>Gerres filamentosus</i>	GEF	2	3	2; FGD	3	4	2; FGD	2	1	6; 7; FGD
<i>Aurigequula fasciata</i>	LGS	3	1	2; 18; FGD	3	4	2; FGD	2	1	6; 7; FGD
<i>Eubleekeria splendens</i>	LGP	3	1	2; 13; FGD	3	4	2; FGD	2	1	6; 7; FGD
<i>Lobotes surinamensis</i>	LOB	2	4	3; 27; FGD	2	4	3; FGD	2	1	6; 7; FGD
<i>Lutjanus johnii</i>	LJH	3	3	2; FGD	3	4	2; FGD	2	1	6; 7; FGD
<i>Lutjanus lutjanus</i>	LJL	3	1	2; 22; FGD	3	4	2; FGD	2	1	6; 7; FGD
<i>Congresox talabonoides</i>	MCG	2	4	3; FGD	3	4	3; FGD	2	1	6; 7; FGD
<i>Nemipterus japonicus</i>	NNJ	3	1	2; 13; FGD	3	4	2; 3; FGD	2	1	6; 7; FGD
<i>Nemipterus randalli</i>	NNZ	2	4	2; FGD	3	4	2; 3; FGD	2	1	6; 7; FGD
<i>Parascloopsis aspinosa</i>	NPS	2	4	2; FGD	3	4	2; 3; FGD	2	1	6; 7; FGD
<i>Plotosus lineatus</i>	PII	3	1	2; 14; FGD	3	4	2; 3; FGD	2	1	6; 7; FGD
<i>Eleutheronema tetradactylum</i>	FOT	2	2	2; 24; FGD	3	4	2; 3; FGD	2	1	6; 7; FGD
<i>Leptomelanosoma indicum</i>	OYD	2	4	2; FGD	2	4	2; 3; FGD	2	1	6; 7; FGD
<i>Polydactylus sextarius</i>	OAX	2	3	2; FGD	3	4	2; 3; FGD	2	1	6; 7; FGD
<i>Rachycentron canadum</i>	CBA	2	2	2; 30; FGD	2	4	2; 3; FGD	2	1	6; 7; FGD
<i>Johnius dussumieri</i>	JOU	3	3	2; FGD	3	3	2; 3; FGD	2	1	6; 7; FGD
<i>Otolithoides biauritus</i>	OTB	3	3	2; FGD	2	3	2; 3; FGD	2	1	6; 7; FGD
<i>Epinephelus lanceolatus</i>	EEN	2	4	2; FGD	2	4	2; FGD	2	1	6; 7; FGD

<i>Epinephelus malabaricus</i>	MAR	3	4	2; FGD	2	4	2; FGD	2	1	6; 7; FGD
<i>Siganus canaliculatus</i>	SCN	3	1	2; 13; FGD	3	4	2; FGD	2	1	6; 7; FGD
<i>Sillago sihama</i>	ILS	2	4	2; 13; FGD	3	4	2; FGD	2	1	6; 7; FGD
<i>Argyrops spinifer</i>	KBR	3	1	2; FGD	3	4	2; 3; FGD	2	1	6; 7; FGD
<i>Sphyræna obtusata</i>	YRB	3	2	2; 29; FGD	3	4	2; FGD	2	1	6; 7; FGD
<i>Pampus argenteus</i>	SIP	3	1	2; 13; FGD	3	4	2; 3; FGD	2	1	6; 7; FGD
<i>Pampus chinensis</i>	CPO	2	1	2; 13; FGD	3	4	2; 3; FGD	2	1	6; 7; FGD
<i>Harpadon nehereus</i>	BUC	3	1	2; 16; FGD	3	4	2; 3; FGD	2	1	6; 7; FGD
<i>Saurida tumbil</i>	LIG	3	4	2; 3; FGD	3	4	2; 3; FGD	2	1	6; 7; FGD
<i>Terapon jarbua</i>	TJB	3	1	2; 17; FGD	3	4	2; FGD	2	1	6; 7; FGD
<i>Lepturacanthus savala</i>	SVH	3	2	13; 25; FGD	3	4	2; 3; FGD	2	1	6; 7; FGD

Table S4. (continued)

Species	FAO Code	SCR (S score)	DQ	Ref.	SMV (S score) (USD/kg)	DQ	Ref.	SMD (S score)	DQ	Ref.	F/M (S score)	DQ	Ref.
<i>Penaeus monodon</i>	GIT	3	4	FGD	3	1	FGD	3	1	FGD	3	2	35
<i>Penaeus indicus</i>	PNI	3	4	FGD	3	1	FGD	3	1	FGD	3	2	12
<i>Penaeus merguensis</i>	PBA	3	4	FGD	3	1	FGD	3	1	FGD	3	2	37
<i>Penaeus semisulcatus</i>	TIP	3	4	FGD	3	1	FGD	3	1	FGD	3	2	35
<i>Metapenaeus monoceros</i>	MPN	3	4	FGD	3	1	FGD	3	1	FGD	3	2	35
<i>Metapenaeus affinis</i>	MTJ	3	4	FGD	3	1	FGD	3	1	FGD			
<i>Metapenaeus brevicornis</i>	MPB	3	4	FGD	3	1	FGD	3	1	FGD	3	2	12
<i>Mierspenaeopsis sculptilis</i>	NAP	3	4	FGD	3	1	FGD	2	1	FGD	3	2	38
<i>Parapenaeopsis hardwickii</i>	NAW	3	4	FGD	3	1	FGD	2	1	FGD			
<i>Parapenaeopsis stylifera</i>	NAY	3	4	FGD	3	1	FGD	2	1	FGD			
<i>Portunus pelagicus</i>	SCD	3	4	FGD	2	1	FGD	1	1	FGD			
<i>Scylla serrata</i>	MUD	3	4	FGD	2	1	FGD	1	1	FGD	2	2	39

<i>Sepia aculeata</i>	EJA	3	4	FGD	2	1	FGD	1	1	FGD			
<i>Uroteuthis duvaucelii</i>	OJD	3	4	FGD	2	1	FGD	1	1	FGD			
<i>Himantura uarnak</i>	DHV	2	4	FGD	2	1	FGD	1	1	FGD			
<i>Rhinobatos annandalei</i>	RHD	2	4	FGD	2	1	FGD	1	1	FGD			
<i>Arius arius</i>	AUI	3	4	FGD	2	1	FGD	2	1	FGD			
<i>Arius maculatus</i>	CAO	3	4	FGD	2	1	FGD	2	1	FGD			
<i>Plicofollis layardi</i>	UKY	3	4	FGD	2	1	FGD	2	1	FGD			
<i>Ariomma indicum</i>	DRI	3	4	FGD	3	1	FGD	3	1	FGD	3	2	19
<i>Alepes djedaba</i>	LSJ	3	4	FGD	2	1	FGD	2	1	FGD			
<i>Atropus atropus</i>	TUP	3	4	FGD	2	1	FGD	2	1	FGD			
<i>Parastromateus niger</i>	POB	3	4	FGD	3	1	FGD	3	1	FGD	3	2	20
<i>Selar crumenophthalmus</i>	BIS	3	4	FGD	2	1	FGD	3	1	FGD			
<i>Conger cinereus</i>	COI	2	4	FGD	3	1	FGD	3	1	FGD			
<i>Cynoglossus bilineatus</i>	YOB	3	4	FGD	1	1	FGD	1	1	FGD			
<i>Cynoglossus lingua</i>	YOG	3	4	FGD	1	1	FGD	1	1	FGD			
<i>Dussumieria acuta</i>	RAS	3	4	FGD	2	1	FGD	2	1	FGD			
<i>Coilia dussumieri</i>	ECD	3	4	FGD	1	1	FGD	1	1	FGD	2	2	11
<i>Stolephorus tri</i>	ESJ	3	4	FGD	1	1	FGD	2	1	FGD	3	2	12
<i>Thryssa mystax</i>	EYY	3	4	FGD	1	1	FGD	2	1	FGD			
<i>Gerres filamentosus</i>	GEF	3	4	FGD	2	1	FGD	3	1	FGD			
<i>Aurigequula fasciata</i>	LGS	3	4	FGD	2	1	FGD	3	1	FGD			
<i>Eubleekeria splendens</i>	LGP	3	4	FGD	2	1	FGD	3	1	FGD			
<i>Lobotes surinamensis</i>	LOB	2	4	FGD	2	1	FGD	3	1	FGD			
<i>Lutjanus johnii</i>	LJH	3	4	FGD	3	1	FGD	3	1	FGD	3	2	21
<i>Lutjanus lutjanus</i>	LJL	3	4	FGD	3	1	FGD	3	1	FGD			
<i>Congresox talabonoides</i>	MCG	2	4	FGD	2	1	FGD	3	1	FGD			
<i>Nemipterus japonicus</i>	NNJ	3	4	FGD	2	1	FGD	2	1	FGD	3	2	20
<i>Nemipterus randalli</i>	NNZ	3	4	FGD	2	1	FGD	2	1	FGD			
<i>Parascolopsis aspinosa</i>	NPS	3	4	FGD	2	1	FGD	2	1	FGD			
<i>Plotosus lineatus</i>	PII	3	4	FGD	2	1	FGD	2	1	FGD			
<i>Eleutheronema tetradactylum</i>	FOT	3	4	FGD	3	1	FGD	3	1	FGD			
<i>Leptomelanosoma indicum</i>	OYD	3	4	FGD	3	1	FGD	3	1	FGD			
<i>Polydactylus sextarius</i>	OAX	3	4	FGD	3	1	FGD	3	1	FGD			

<i>Rachycentron canadum</i>	CBA	2	4	FGD	2	1	FGD	2	1	FGD			
<i>Johnius dussumieri</i>	JOU	3	4	FGD	2	1	FGD	2	1	FGD			
<i>Otolithoides biauritus</i>	OTB	2	4	FGD	2	1	FGD	2	1	FGD			
<i>Epinephelus lanceolatus</i>	EEN	2	4	FGD	2	1	FGD	3	1	FGD			
<i>Epinephelus malabaricus</i>	MAR	2	4	FGD	2	1	FGD	3	1	FGD			
<i>Siganus canaliculatus</i>	SCN	3	4	FGD	2	1	FGD	2	1	FGD			
<i>Sillago sihama</i>	ILS	3	4	FGD	2	1	FGD	3	1	FGD	3	2	12
<i>Argyrops spinifer</i>	KBR	3	4	FGD	2	1	FGD	2	1	FGD			
<i>Sphyræna obtusata</i>	YRB	3	4	FGD	2	1	FGD	3	1	FGD			
<i>Pampus argenteus</i>	SIP	3	4	FGD	3	1	FGD	3	1	FGD	2	2	20
<i>Pampus chinensis</i>	CPO	3	4	FGD	3	1	FGD	3	1	FGD	2	2	20
<i>Harpadon nehereus</i>	BUC	3	4	FGD	1	1	FGD	3	1	FGD	2	2	12
<i>Saurida tumbil</i>	LIG	3	4	FGD	1	1	FGD	2	1	FGD	2	2	15
<i>Terapon jarbua</i>	TJB	3	4	FGD	2	1	FGD	2	1	FGD			
<i>Lepturacanthus savala</i>	SVH	3	4	FGD	1	1	FGD	3	1	FGD	2	2	26

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