other scorpaenids Stocks v4.66 (Nov-03-2024)

Not present Present Preferred

	Time Series Types			
Stock	B/Bmsy	U/Umsy	B/Bmgt	U/Umgt
ARGREENNEMS [Arabesque greenling Nemuro Strait]	TB SSB	ER F	TB SSB	ER F
2. ARGREENNHOKK [Arabesque greenling North coast of Hokkaido]	TB SSB	ER F	TB SSB	ER F
3. ARGREENSHOKK [Arabesque greenling South coast of Hokkaido]	TB SSB	ER F	TB SSB	ER F
4. ATKABSAI [Atka mackerel Bering Sea and Aleutian Islands]	TB SSB	ER F	TB SSB	ER F
5. ATKAGA [Atka mackerel Gulf of Alaska]	TB SSB	ER F	TB SSB	ER F
6. CABEZNCAL [Cabezon Northern California]	TB SSB	ER F	TB SSB	ER F
7. CABEZORECOAST [Cabezon Oregon Coast]	TB SSB	ER F	TB SSB	ER F
8. CABEZSCAL [Cabezon Southern California]	TB SSB	ER F	TB SSB	ER F
9. CABEZWASH [Cabezon Washington]	TB SSB	ER F	TB SSB	ER F
10. CALSCORPSCAL [California scorpionfish Southern California]	TB SSB	ER F	TB SSB	ER F
11. DEEPFLATHEADSE [Deepwater flathead Southeast Australia]	TB SSB	ER F	TB SSB	ER F
12. GGURNIIIa-IV-VIId [Grey gurnard ICES 3a-4-7d]	TB SSB	ER F	TB SSB	ER F
13. KELPGREENLINGORECOAST [Kelp greenling Oregon Coast]	TB SSB	ER F	TB SSB	ER F
14. LINGCODNPCOAST [Lingcod Northern Pacific Coast]	TB SSB	ER F	TB SSB	ER F
15. LINGCODSOG [Lingcod Strait of Georgia]	TB SSB	ER F	TB SSB	ER F
16. LINGCODSPCOAST [Lingcod Southern Pacific Coast]	TB SSB	ER F	TB SSB	ER F
17. LUMP3Pn4RS [Lumpfish Northern Gulf of St. Lawrence]	TB SSB	ER F	TB SSB	ER F
18. PRGURNGUR3 [Pacific red gurnard New Zealand Area GUR 3]	TB SSB	ER F	TB SSB	ER F
19. PRGURNGUR7 [Pacific red gurnard New Zealand Area GUR 7]	TB SSB	ER F	TB SSB	ER F
20. RGURNNEATL [Red gurnard Northeast Atlantic]	TB SSB	ER F	TB SSB	ER F
21. SABLEFEBSAIGA [Sablefish Eastern Bering Sea / Aleutian Islands	TB SSB	ER F	TB SSB	ER F
/ Gulf of Alaska]				
22. SABLEFPCAN [Sablefish Pacific Coast of Canada]	TB SSB	ER F	TB SSB	ER F
23. SABLEFPCOAST [Sablefish Pacific Coast]	TB SSB	ER F	TB SSB	ER F
24. TIGERFLATSE [Tiger flathead Southeast Australia]	TB SSB	ER F	TB SSB	ER F

Metadata		
Scientific Name	Pleurogrammus azonus	
Current Assess ID	FAFRFJ-ARGREENNEMS-1985-2013-JPNIMP2016	
Area	Nemuro Strait	
Management Authority	Fisheries Agency of Japan	
Assessor	Fisheries Agency and Fisheries Research Agency of Japan	
Asmts in RAM	2013	

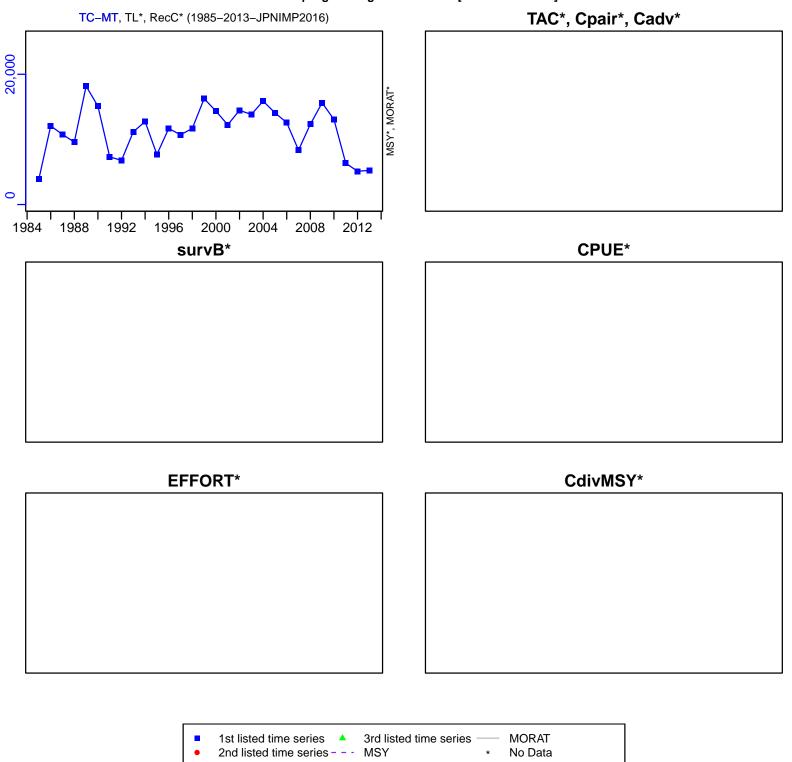
Reference Points			
Туре	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	-	-	-
Fmsy	-	-	-
ERmsy	-	-	-
TBmgt	-	-	-
SSBmgt	-	-	-
Fmgt	-	-	-
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	-	-	-
M	-	-	-
TBlim	-	-	-
SSBlim	-	-	-
Flim	-	-	-
ERlim	-	-	-

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	-	-	-	-	-
SSB	-	-	-	-	-
TN	-	-	-	-	-
R	-	-	-	-	-
F	-	-	-	-	-
ER	-	-	-	-	-
TC	TC-MT	2013	4090		
TL	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

Kobe MSY*	Kobe MGT*
Spawner Recruit*	Production*

◆ Start Year ◆ End Year * No Data

TB*	SSB*
TN *	F*
FD.	D 14 . W
ER*	Recruits*
■ Listed time series Ta	proof PPD —— Poc. Ect
Listed time series Ta	arget BRP — Rec–Est m BRP * No Data



Metadata		
Scientific Name	Pleurogrammus azonus	
Current Assess ID	FAFRFJ-ARGREENNHOKK-1980-2013-JPNIMP2016	
Area	North coast of Hokkaido	
Management Authority	Fisheries Agency of Japan	
Assessor	Fisheries Agency and Fisheries Research Agency of Japan	
Asmts in RAM	2013	

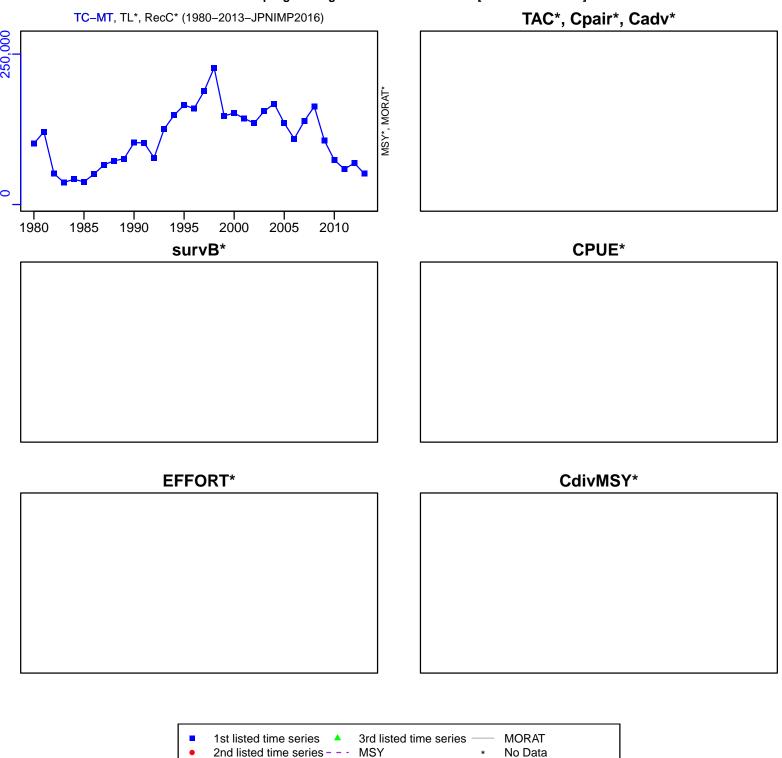
Reference Points			
Туре	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	-	-	-
Fmsy	-	-	-
ERmsy	-	-	-
TBmgt	-	-	-
SSBmgt	-	-	-
Fmgt	-	-	-
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	-	-	-
М	-		-
TBlim	-	-	-
SSBlim	-	-	-
Flim	-	-	-
ERlim	-	-	-

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	-	-	-	-	-
SSB	-	-	-	-	-
TN	-	-	-	-	-
R	-	-	-	-	-
F	-	-	-	-	-
ER	-	-	-	-	-
TC	TC-MT	2013	46,300		
TL	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

Kobe MSY*	Kobe MGT*
Spawner Recruit*	Production*
Opawner rectuit	1 Toddotton
Opawner Recordit	
Opawner recordit	
Opawner recordit	
Opawner receruit	
Opawner receruit	

◆ Start Year ◆ End Year ∗ No Data

TB*	SSB*
TN *	F*
ER*	Recruits*
■ Listed time series Ta	arget BRP — Rec-Est
Listed time series Ta	m BRP * No Data



Metadata		
Scientific Name	Pleurogrammus azonus	
Current Assess ID	FAFRFJ-ARGREENSHOKK-1975-2013-JPNIMP2016	
Area	South coast of Hokkaido	
Management Authority	Fisheries Agency of Japan	
Assessor	Fisheries Agency and Fisheries Research Agency of Japan	
Asmts in RAM	2013	

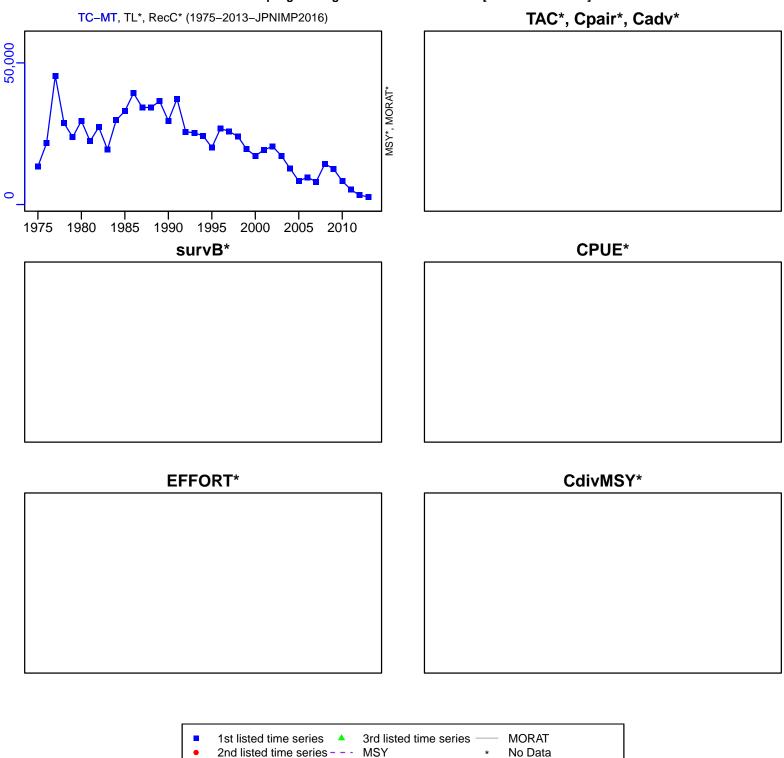
Reference Points			
Туре	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	-	-	-
Fmsy	-	-	-
ERmsy	-	-	-
TBmgt	-	-	-
SSBmgt	-	-	-
Fmgt	-	-	-
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	-	-	-
М	-		-
TBlim	-	-	-
SSBlim	-	-	-
Flim	-	-	-
ERlim	-	-	-

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	-	-	-	-	-
SSB	-	-	-	-	-
TN	-	-	-	-	-
R	-	-	-	-	-
F	-	-	-	-	-
ER	-	-	-	-	-
TC	TC-MT	2013	2300		
TL	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

Kobe MSY*	Kobe MGT*
Spawner Recruit*	Production*

◆ Start Year ◆ End Year * No Data

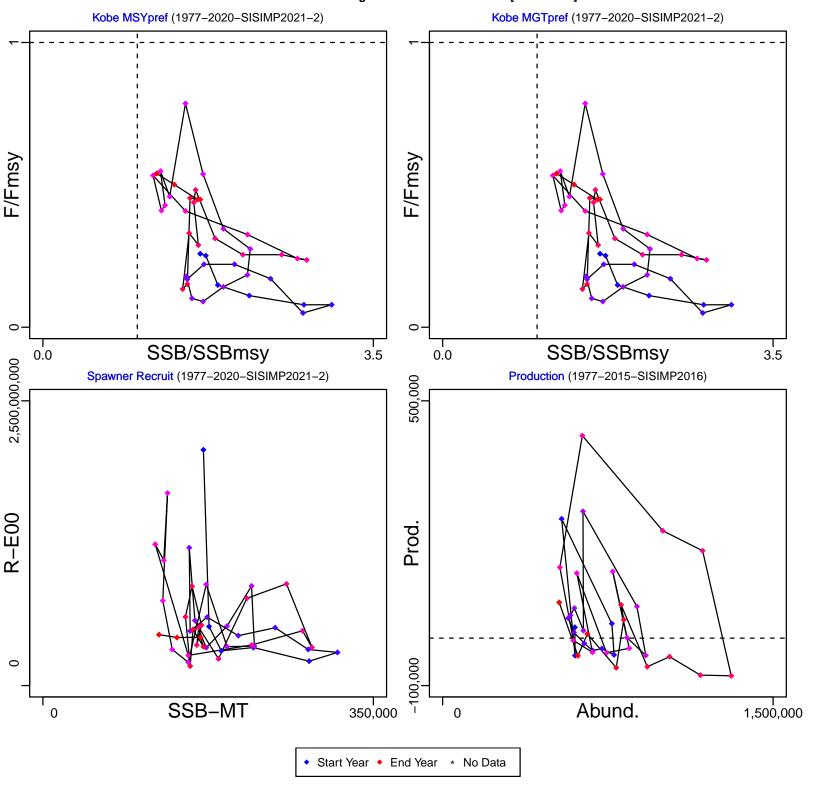
TB*	SSB*
TN *	F*
FD.	D 14 . W
ER*	Recruits*
■ Listed time series Ta	proof PPD —— Poc. Ect
Listed time series Ta	arget BRP — Rec–Est m BRP * No Data

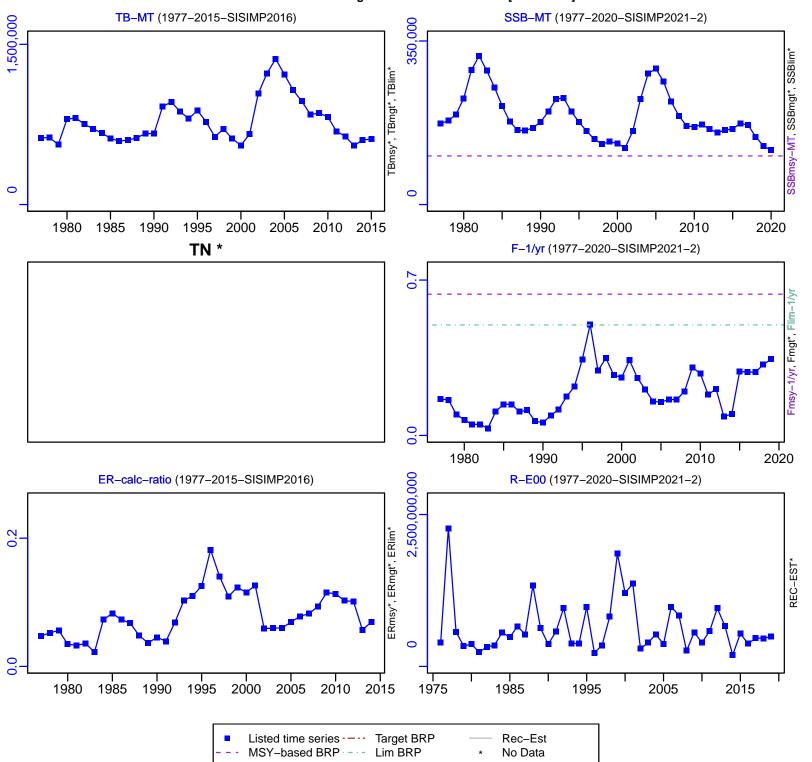


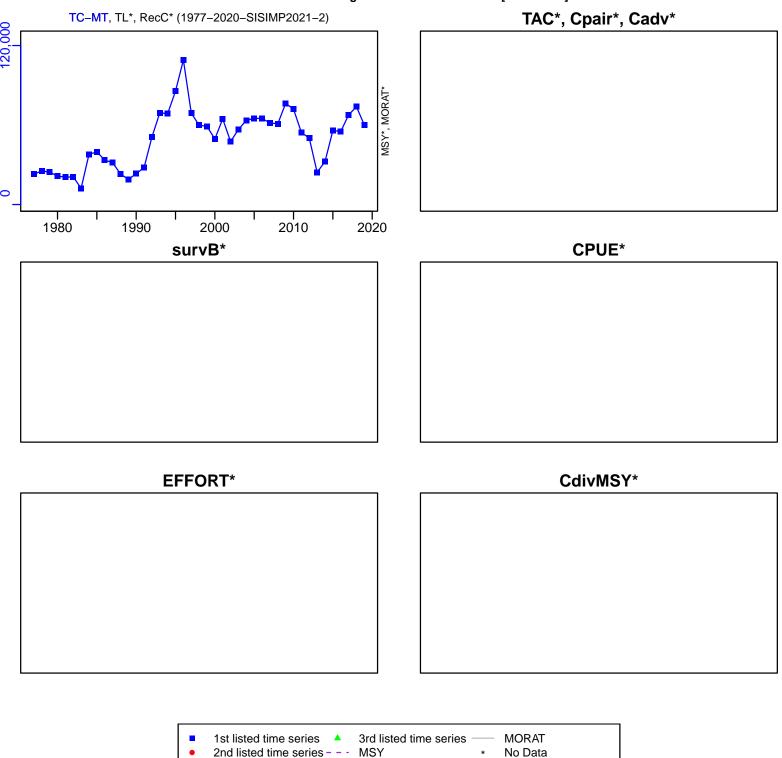
Metadata			
Scientific Name Pleurogrammus monopterygius			
Current Assess ID	AFSC-ATKABSAI-1977-2020-SISIMP2021-2		
Area	Area Bering Sea and Aleutian Islands		
Management Authority	National Marine Fisheries Service, US national management		
Assessor	Alaska Fisheries Science Center		
Asmts in RAM	2011, 2016, 2017, 2018, 2015, 2019, 2020		

Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	SSBmsy-MT	2020	102,000	
Fmsy	Fmsy-1/yr	2020	0.593	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	-	-	-	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	-	-	-	
MSY	-	-	-	
M	M-1/yr	2011	0.3	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	Flim-1/yr	2020	0.464	
ERlim	-	-	-	

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2015	589,000	-	1+
SSB	SSB-MT	2020	114,000	-	-
TN	-	-	-	-	-
R	R-E00	2020	4.47×10^{8}	-	1
F	F-1/yr	2020	0.32	-	-
ER	ER-calc-ratio	2015	0.053	-	-
TC	TC-MT	2020	57,200		
TL	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	SSB-MT/SSBmsy-MT	2020	1.118		
F/Fmsy	F-1/yr/Fmsy-1/yr	2020	0.54		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		







Metadata			
Scientific Name	Pleurogrammus monopterygius		
Current Assess ID AFSC-ATKAGA-1977-2015-SISIMP2021			
Area Gulf of Alaska			
Management Authority	ty National Marine Fisheries Service, US national management		
Assessor	Alaska Fisheries Science Center		
Asmts in RAM	2014, 2015		

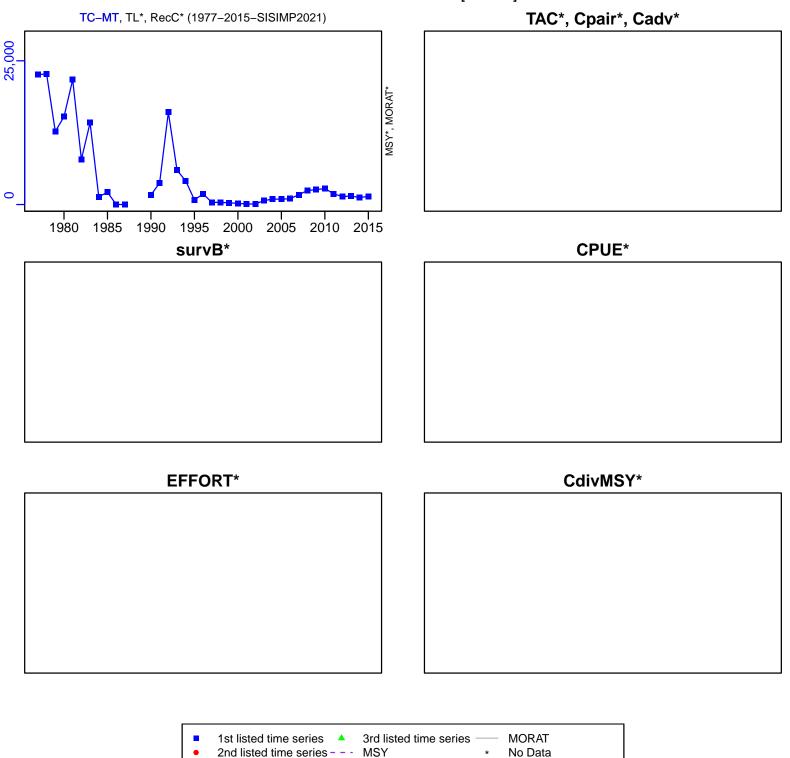
Reference Points			
Туре	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	-	-	-
Fmsy	-	-	-
ERmsy	-	-	-
TBmgt	-	-	-
SSBmgt	-	-	-
Fmgt	-	-	-
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	-	-	-
М	-	-	-
TBlim	-	-	-
SSBlim	-	-	-
Flim	-	-	-
ERlim	-	-	-

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	-	-	-	-	-
SSB	-	-	-	-	-
TN	-	-	-	-	-
R	-	-	-	-	-
F	-	-	-	-	-
ER	-	-	-	-	-
TC	TC-MT	2015	1228		
TL	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

Kobe MSY*	Kobe MGT*
Spawner Recruit*	Production*

◆ Start Year ◆ End Year * No Data

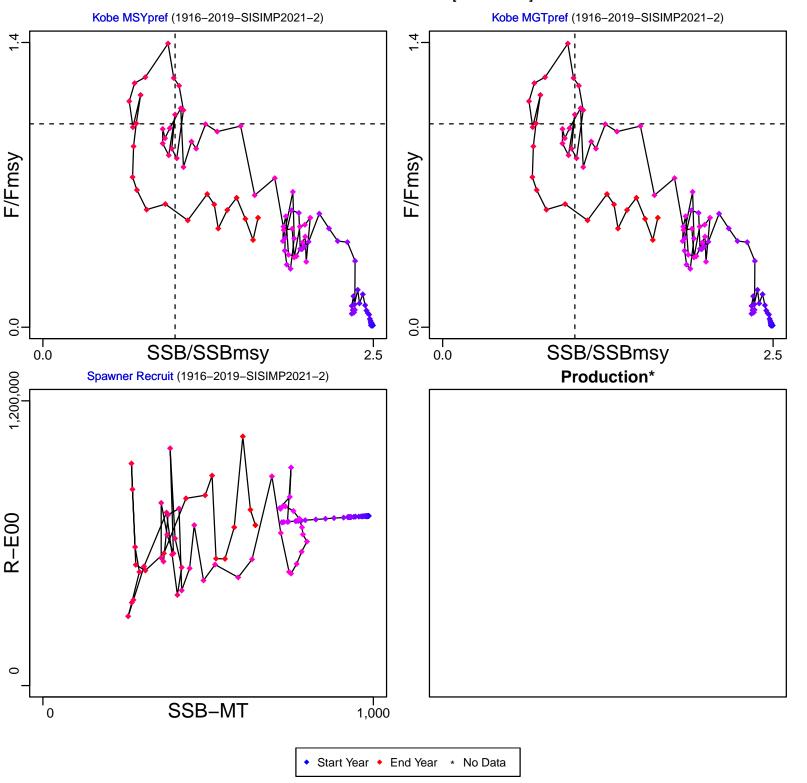
TB*	SSB*
TN *	F*
ER*	Recruits*
Listed time series Ta	arget BRP — Rec–Est im BRP * No Data

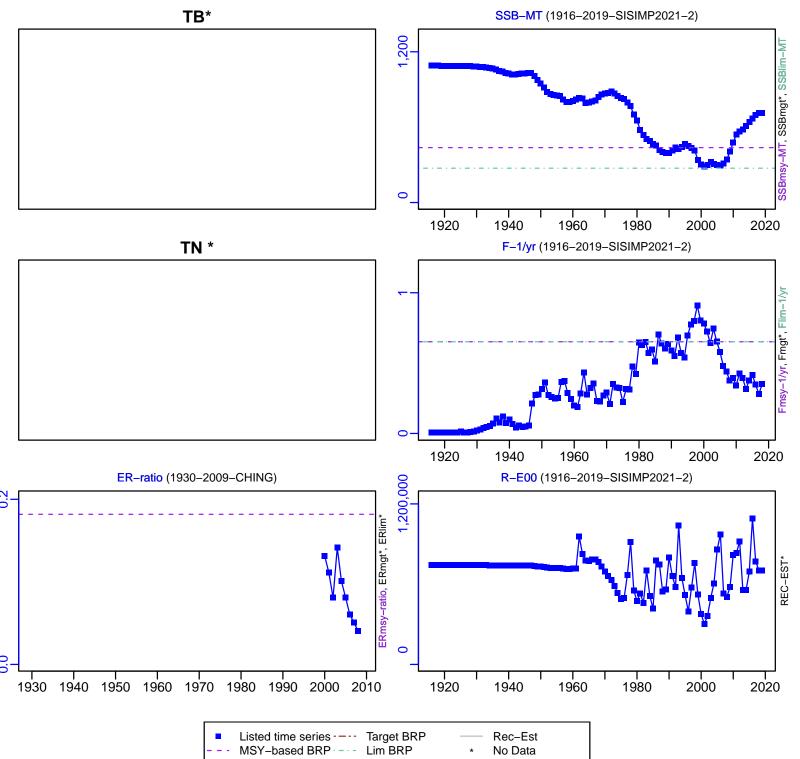


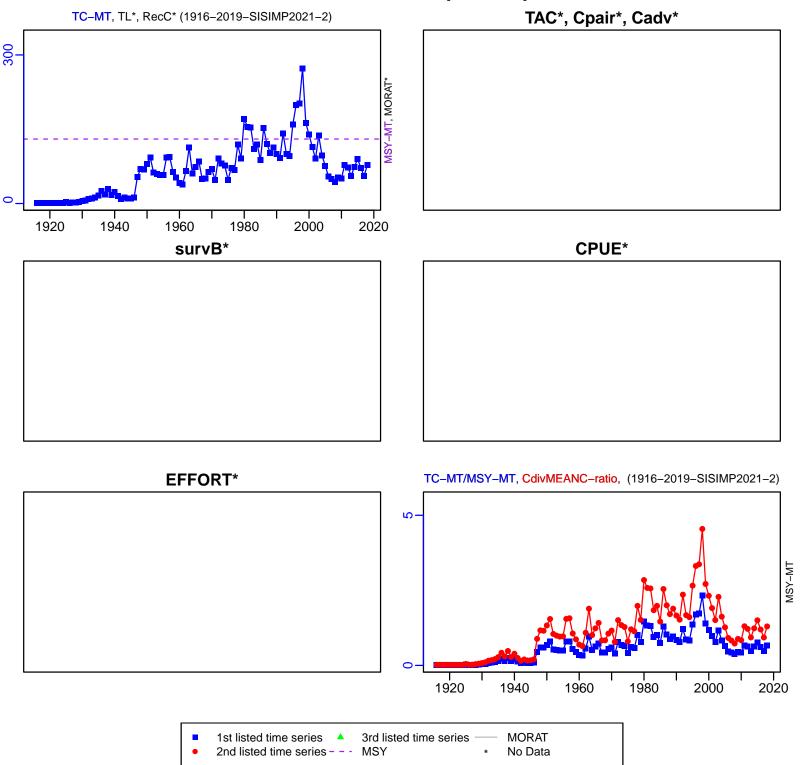
Metadata			
Scientific Name	Scorpaenichthys marmoratus		
Current Assess ID PFMC-CABEZNCAL-1916-2019-SISIMP2021-2			
Area Northern California			
Management Authority	National Marine Fisheries Service, US national management		
Assessor	Pacific Fishery Management Council		
Asmts in RAM	2019, 2009		

Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	TBmsy-calc-MT	2009	717	
SSBmsy	SSBmsy-MT	2019	395	
Fmsy	Fmsy-1/yr	2019	0.55	
ERmsy	ERmsy-ratio	2009	0.18	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	-	-	-	
ERmgt	-	-	-	
TB0	TB0-MT	2009	1835	
SSB0	SSB0-MT	2009	1036	
MSY	MSY-MT	2019	116	
М	-	-	-	
TBlim	-	-	-	
SSBlim	SSBlim-MT	2019	247	
Flim	Flim-1/yr	2019	0.55	
ERlim	-	-	-	

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	-	-	-	-	-
SSB	SSB-MT	2019	643	-	-
TN	-	-	-	-	-
R	R-E00	2019	676,000	-	0
F	F-1/yr	2019	0.296	-	-
ER	ER-ratio	2009	0.04	-	-
TC	TC-MT	2019	69		,
TL	TL-MT	2009	20		
TB/TBmsy	-	-	-		
SSB/SSBmsy	SSB-MT/SSBmsy-MT	2019	1.628		
F/Fmsy	F-1/yr/Fmsy-1/yr	2019	0.538		
ER/ERmsy	ER-ratio/ERmsy-ratio	2009	0.222		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		



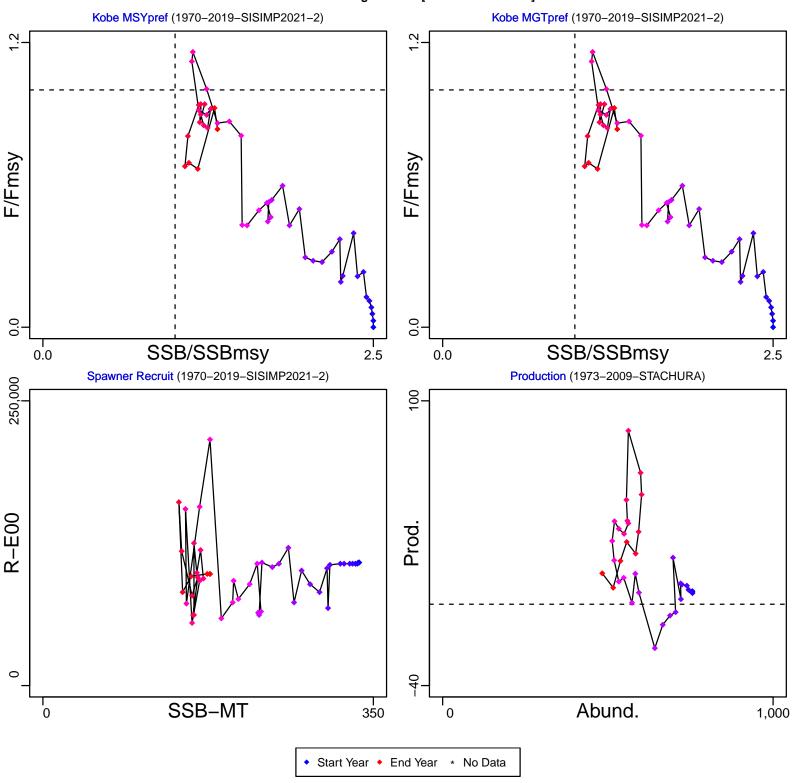


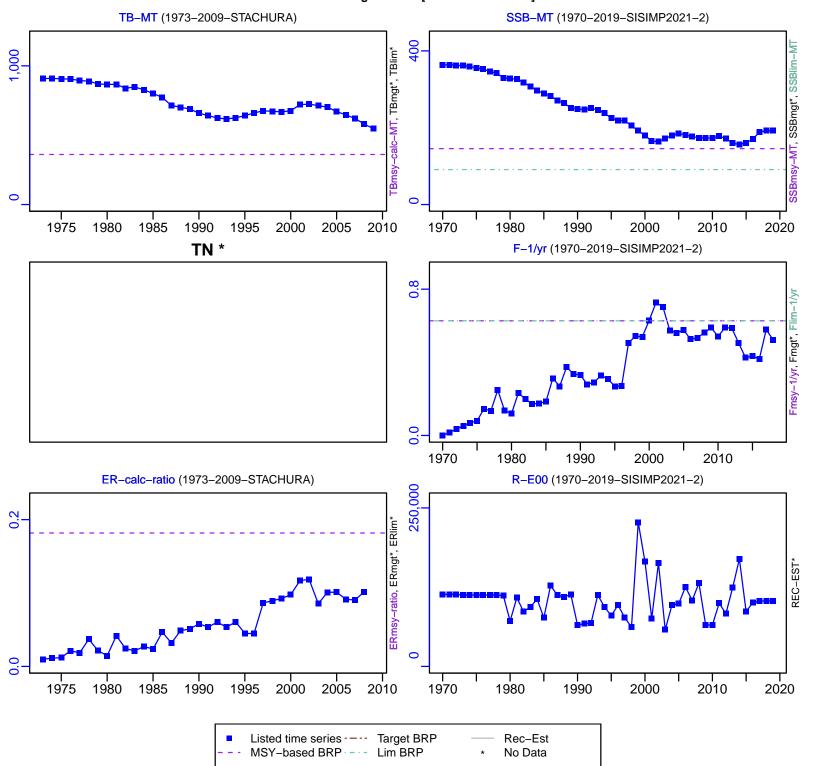


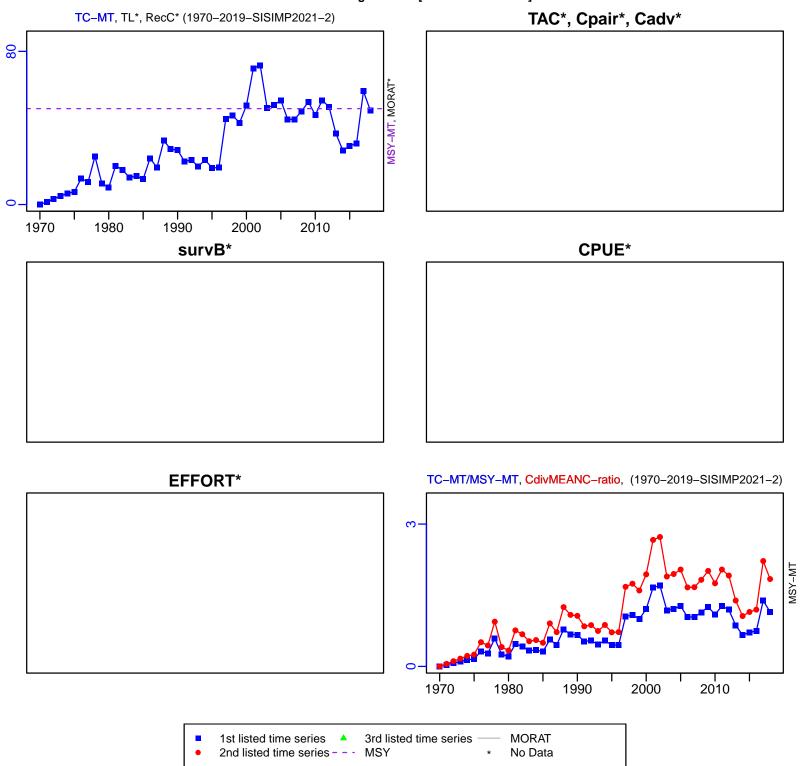
Metadata				
Scientific Name	Scorpaenichthys marmoratus			
Current Assess ID NWFSC-CABEZORECOAST-1970-2019-SISIMP2021-2				
Area Oregon Coast				
Management Authority	National Marine Fisheries Service, US national management			
Assessor	Assessor Northwest Fisheries Science Center			
Asmts in RAM	2019, 2009			

Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	TBmsy-calc-MT	2009	300	
SSBmsy	SSBmsy-MT	2019	134	
Fmsy	Fmsy-1/yr	2019	0.55	
ERmsy	ERmsy-ratio	2009	0.16	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	-	-	-	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	SSB0-MT	2009	409	
MSY	MSY-MT	2019	46	
M	M-1/yr	2009	0.25	
TBlim	-	-	-	
SSBlim	SSBlim-MT	2019	84	
Flim	Flim-1/yr	2019	0.55	
ERlim	-	-	-	

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2009	455	-	2+
SSB	SSB-MT	2019	177	-	-
TN	-	-	-	-	-
R	R-E00	2019	98,000	-	0
F	F-1/yr	2019	0.459	-	-
ER	ER-calc-ratio	2009	0.089	-	-
TC	TC-MT	2019	45		
TL	TL-MT	2009	43		
TB/TBmsy	TB-MT/TBmsy-calc-MT	2009	1.517		
SSB/SSBmsy	SSB-MT/SSBmsy-MT	2019	1.321		
F/Fmsy	F-1/yr/Fmsy-1/yr	2019	0.835		
ER/ERmsy	ER-calc-ratio/ERmsy-ratio	2009	0.559		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		



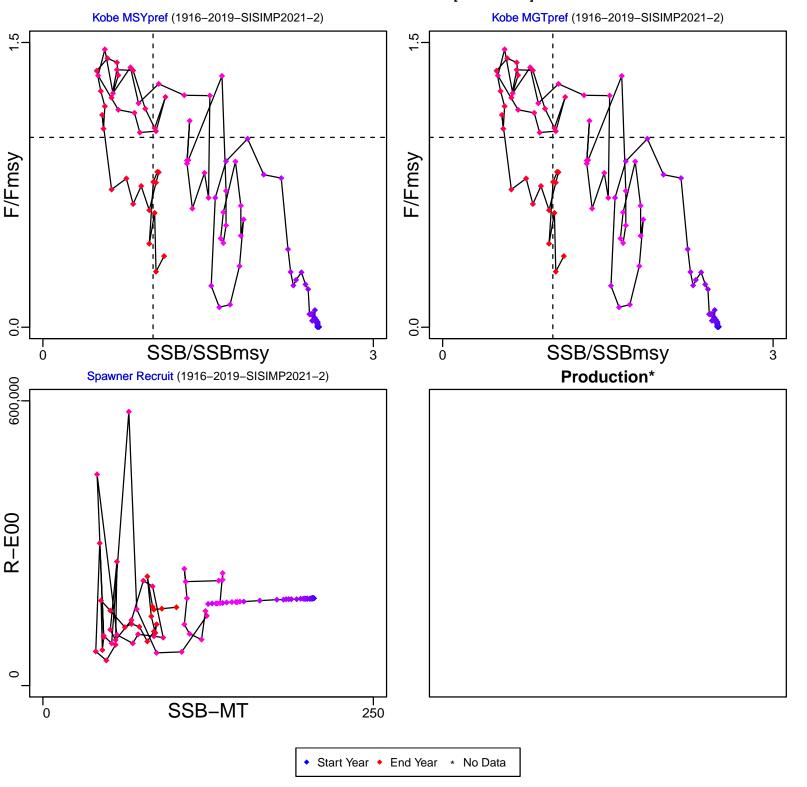


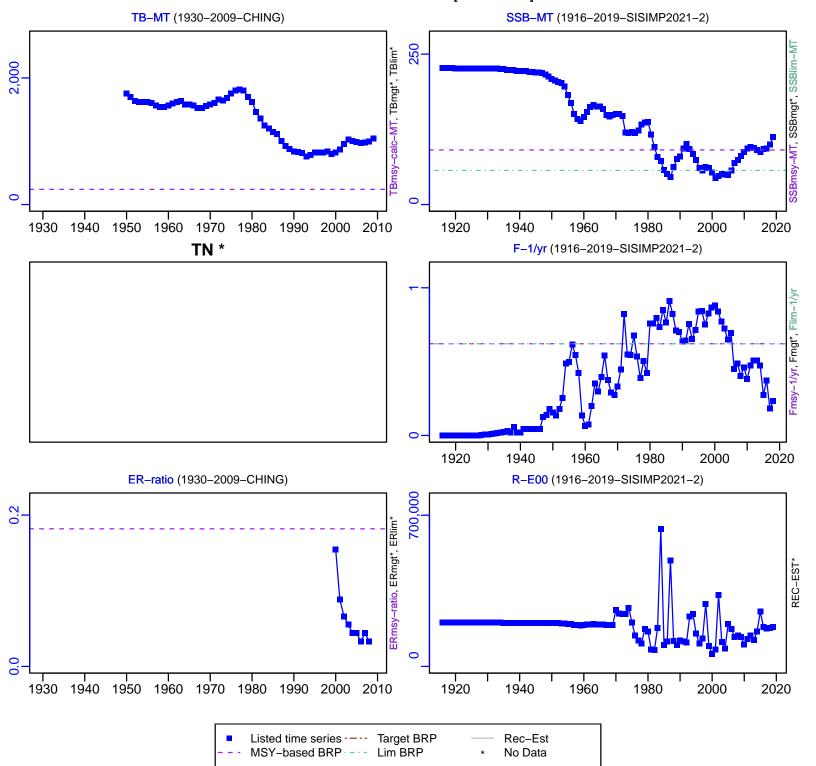


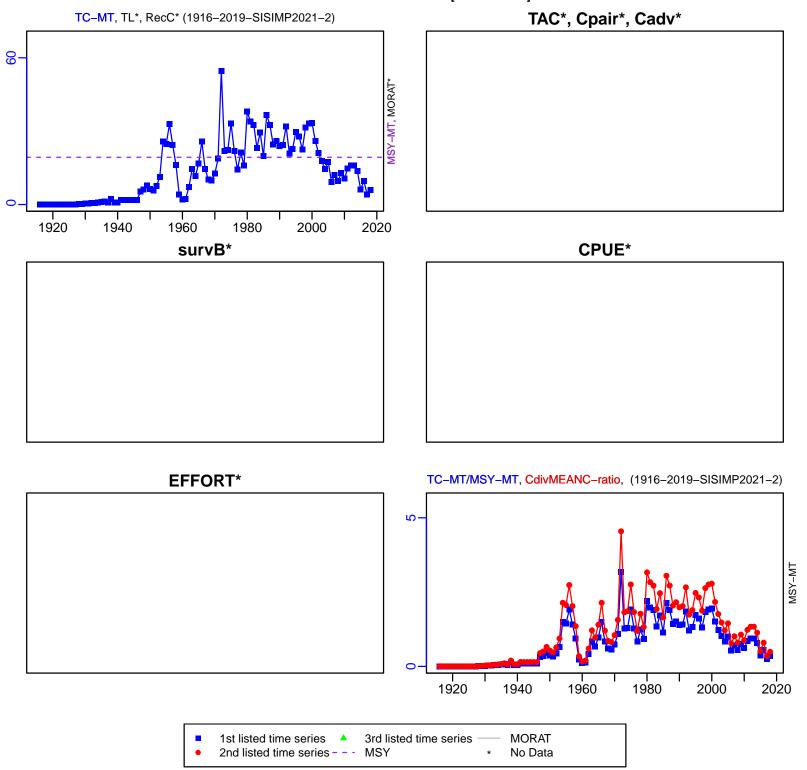
Metadata			
Scientific Name	Scorpaenichthys marmoratus		
Current Assess ID PFMC-CABEZSCAL-1916-2019-SISIMP2021-2			
Area Southern California			
Management Authority	National Marine Fisheries Service, US national management		
Assessor	Pacific Fishery Management Council		
Asmts in RAM	2019, 2009		

Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	TBmsy-calc-MT	2009	182	
SSBmsy	SSBmsy-MT	2019	82	
Fmsy	Fmsy-1/yr	2019	0.55	
ERmsy	ERmsy-ratio	2009	0.165	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	-	-	-	
ERmgt	-	-	-	
TB0	TB0-MT	2009	470	
SSB0	SSB0-MT	2009	263	
MSY	MSY-MT	2019	17	
М	-	-	-	
TBlim	-	-	-	
SSBlim	SSBlim-MT	2019	51	
Flim	Flim-1/yr	2019	0.55	
ERlim		-	-	

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2009	789	Both	2+
SSB	SSB-MT	2019	101	-	-
TN	-	-	-	-	-
R	R-E00	2019	165,000	-	0
F	F-1/yr	2019	0.206	-	-
ER	ER-ratio	2009	0.03	-	-
TC	TC-MT	2019	5		
TL	TL-MT	2009	3.9		
TB/TBmsy	TB-MT/TBmsy-calc-MT	2009	4.34		
SSB/SSBmsy	SSB-MT/SSBmsy-MT	2019	1.235		
F/Fmsy	F-1/yr/Fmsy-1/yr	2019	0.375		
ER/ERmsy	ER-ratio/ERmsy-ratio	2009	0.182		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		







Cabezon Washington [CABEZWASH]

Metadata			
Scientific Name	Scorpaenichthys marmoratus		
Current Assess ID NWFSC-CABEZWASH-1963-2018-SISIMP2021-2			
Area Washington			
Management Authority	National Marine Fisheries Service, US national management		
Assessor Northwest Fisheries Science Center			
Asmts in RAM	2016, 2018		

Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	-	-	-	
Fmsy	-	-	-	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	-	-	-	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	-	-	-	
MSY	-	-	-	
M	-	-	-	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	-	-	-	-	-
SSB	-	-	-	-	-
TN	-	-	-	-	-
R	-	-	-	-	-
F	-	-	-	-	-
ER	-	-	-	-	-
TC	TC-MT	2018	5		
TL	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

Cabezon Washington [CABEZWASH]

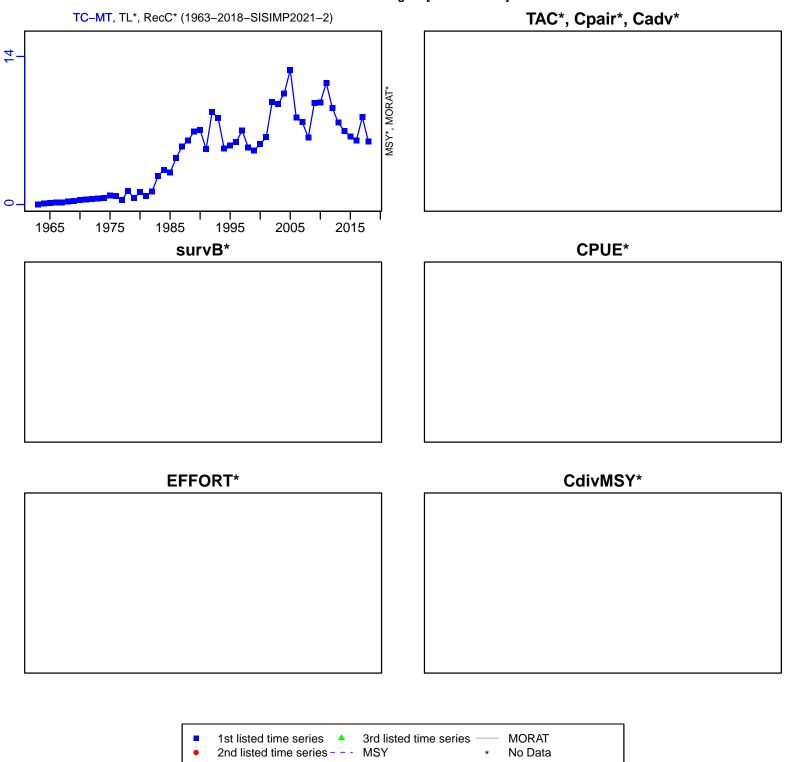
Kobe MGT*
Production*

◆ Start Year ◆ End Year * No Data

Cabezon Washington [CABEZWASH]

TB*	SSB*
TN *	F*
	·
ER*	Recruits*
Listed time series Target BRP — Rec-Est MSY-based BRP Lim BRP * No Data	
MSY-based BRP Li	m BRP * No Data

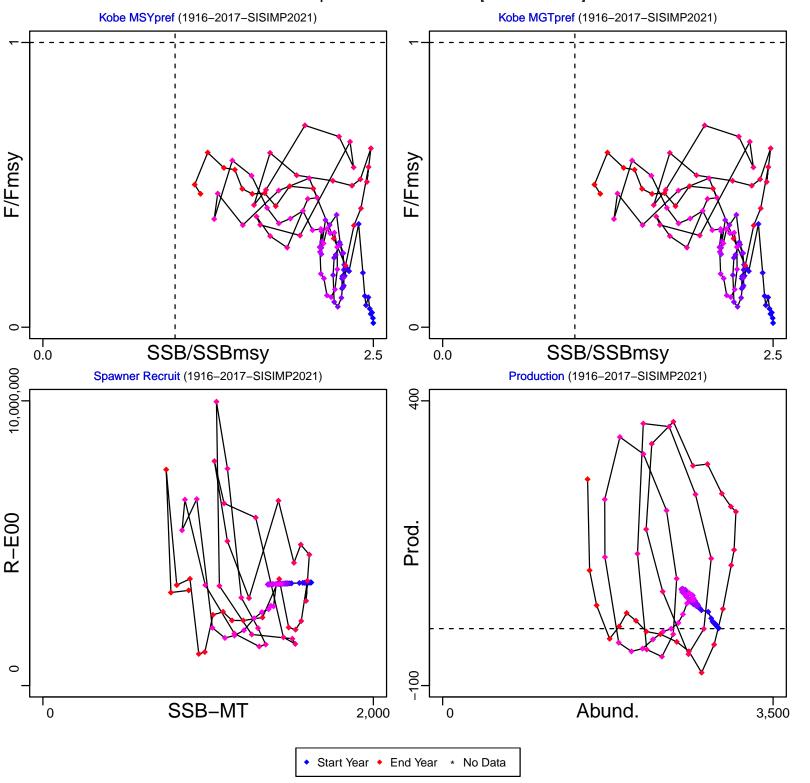
Cabezon Washington [CABEZWASH]

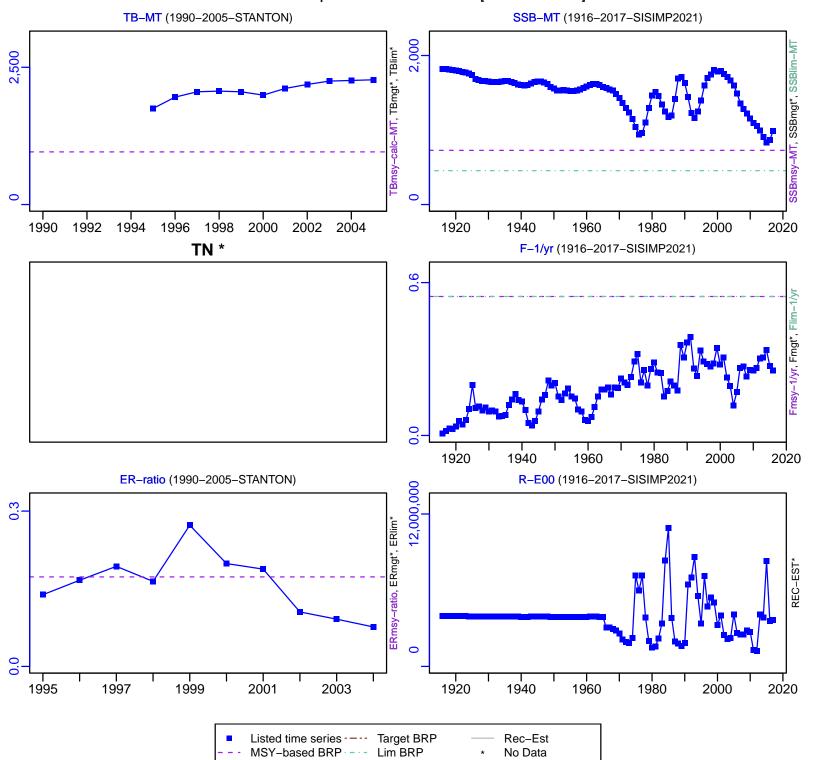


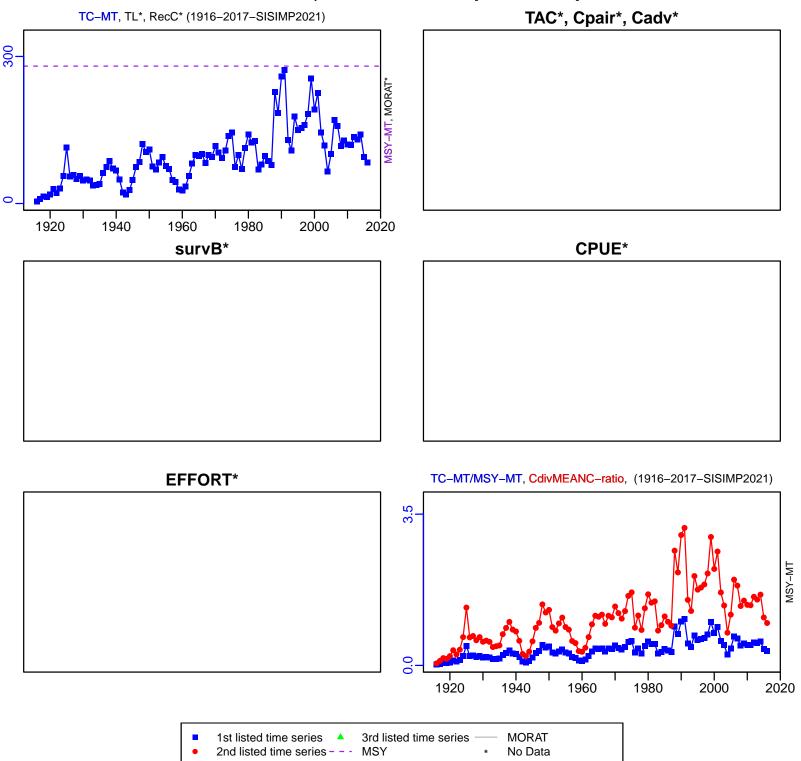
Metadata		
Scientific Name	Scorpaena guttata	
Current Assess ID	SWFSC-CALSCORPSCAL-1916-2017-SISIMP2021	
Area Southern California		
Management Authority National Marine Fisheries Service, US national management		
Assessor	sessor Southwest Fisheries Science Center	
Asmts in RAM	2015, 2017, 2005	

Reference Points			
Туре	ID	Asmt Year	Value
TBmsy	TBmsy-calc-MT	2005	789
SSBmsy	SSBmsy-MT	2017	650
Fmsy	Fmsy-1/yr	2017	0.5
ERmsy	ERmsy-ratio	2005	0.161
TBmgt	-	-	-
SSBmgt		-	-
Fmgt	-	-	-
ERmgt	-	-	-
TB0	TB0-MT	2005	2007
SSB0	SSB0-MT	2005	1024
MSY	MSY-MT	2017	247
М	M-1/yr	2005	0.25
TBlim	-	-	-
SSBlim	SSBlim-MT	2017	406
Flim	Flim-1/yr	2017	0.5
ERlim	-	-	-

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2017	1915	-	-
SSB	SSB-MT	2017	882	-	-
TN	-	-	-	-	-
R	R-E00	2017	3,343,810	-	0
F	F-1/yr	2017	0.234	-	-
ER	ER-calc-ratio	2017	0.043	-	-
TC	TC-MT	2017	74		
TL	TL-MT	2005	81		
TB/TBmsy	TB-MT/TBmsy-calc-MT	2005	2.371		
SSB/SSBmsy	SSB-MT/SSBmsy-MT	2017	1.358		
F/Fmsy	F-1/yr/Fmsy-1/yr	2017	0.469		
ER/ERmsy	ER-ratio/ERmsy-ratio	2005	0.441		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		



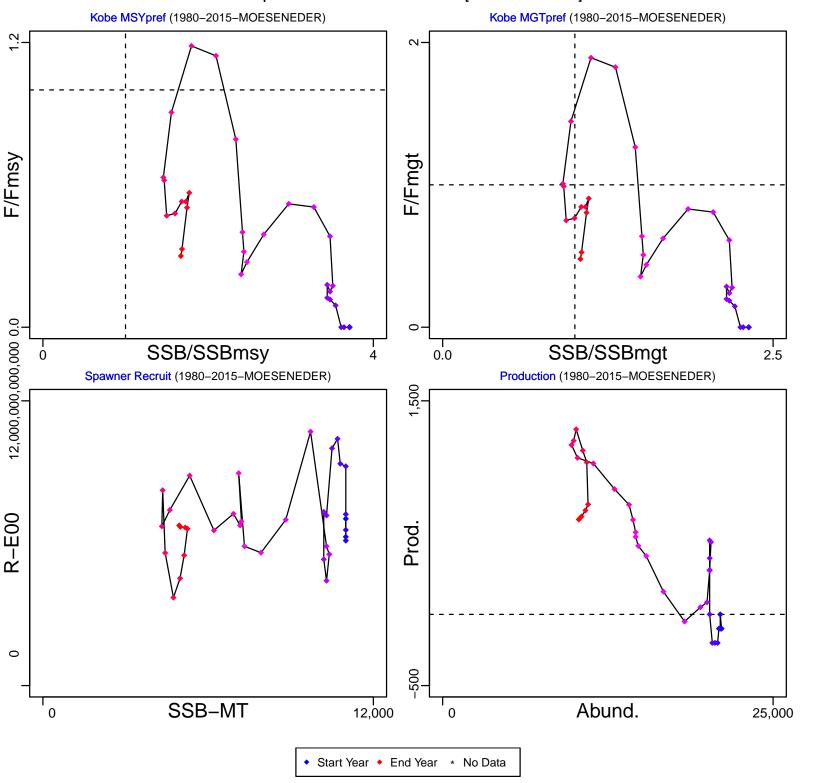


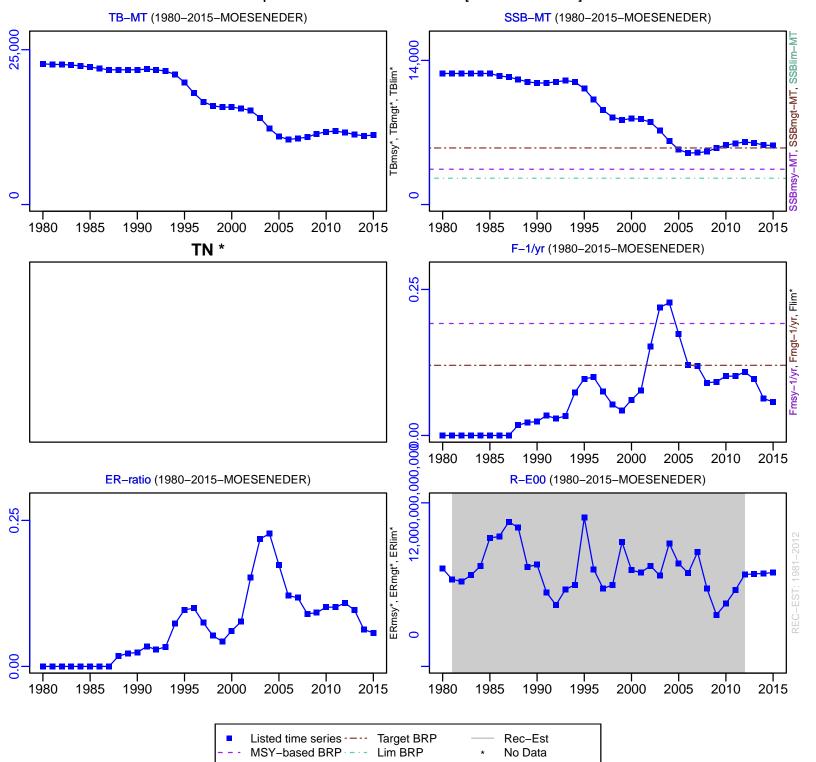


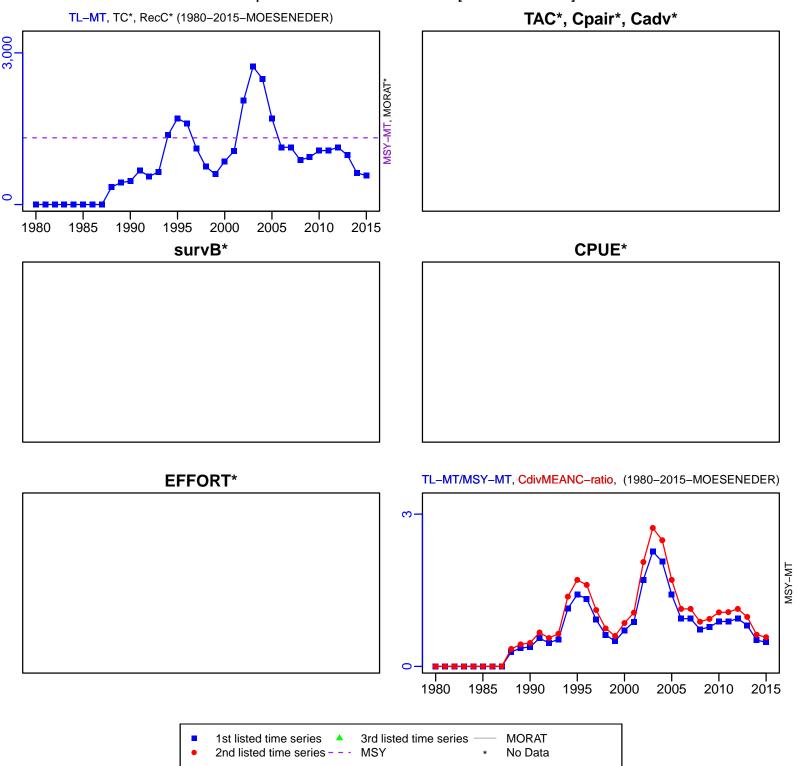
Metadata		
Scientific Name	Platycephalus conatus	
Current Assess ID	CSIRO-DEEPFLATHEADSE-1980-2015-MOESENEDER	
Area	Southeast Australia	
Management Authority		
	management	
Assessor	Commonwealth Scientific and Industrial Research Organization	
Asmts in RAM	2007, 2015	

Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	SSBmsy-MT	2015	2963	
Fmsy	Fmsy-1/yr	2015	0.168	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	SSBmgt-MT	2015	4750	
Fmgt	Fmgt-1/yr	2015	0.105	
ERmgt	-	-	-	
TB0	TB0-MT	2015	21,058	
SSB0	SSB0-MT	2015	11,046	
MSY	MSY-MT	2015	1200	
М	M-1/yr	2015	0.191	
TBlim	TBlim-MT	2007	1369	
SSBlim	SSBlim-MT	2015	2209	
Flim	-	-	-	
ERlim	-	-	-	

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2015	10,400	-	-
SSB	SSB-MT	2015	4950	-	-
TN	-	-	-	-	-
R	R-E00	2015	6.75×10^{12}	-	-
F	F-1/yr	2015	0.05	-	-
ER	ER-ratio	2015	0.05	-	-
TC	-	-	-		
TL	TL-MT	2015	523		
TB/TBmsy	-	-	-		
SSB/SSBmsy	SSB-MT/SSBmsy-MT	2015	1.67		
F/Fmsy	F-1/yr/Fmsy-1/yr	2015	0.3		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2015	1.042		
F/Fmgt	F-1/yr/Fmgt-1/yr	2015	0.479		
ER/ERmgt	-	-	-		







Metadata		
Scientific Name	Eutrigla gurnardus	
Current Assess ID	WGNSSK-GGURNIIIa-IV-VIId-1983-2020-ICESIMP2021-2	
Area	ICES 3a-4-7d	
Management Authority International Council for the Exploration of the Sea		
Assessor	Working Group on the Assessment of Demersal Stocks in the North Sea	
and Skagerrak		
Asmts in RAM	2016, 2017, 2020	

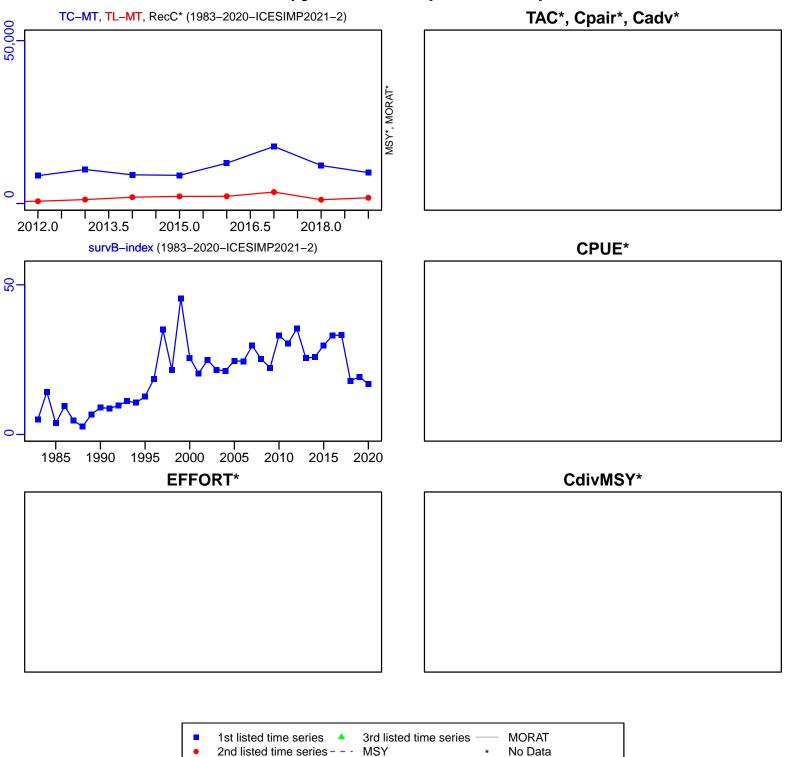
Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	-	-	-	
Fmsy	-	-	-	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	-	-	-	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	-	-	-	
MSY	-	-	-	
М	-	-	-	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	-	-	-	-	-
SSB	-	-	-	-	-
TN	-	-	-	-	-
R	-	-	-	-	-
F	-	-	-	-	-
ER	-	-	-	-	-
TC	TC-MT	2020	9280		
TL	TL-MT	2020	1710		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

Kobe MSY*	Kobe MGT*
Spawner Recruit*	Production*

◆ Start Year ◆ End Year * No Data

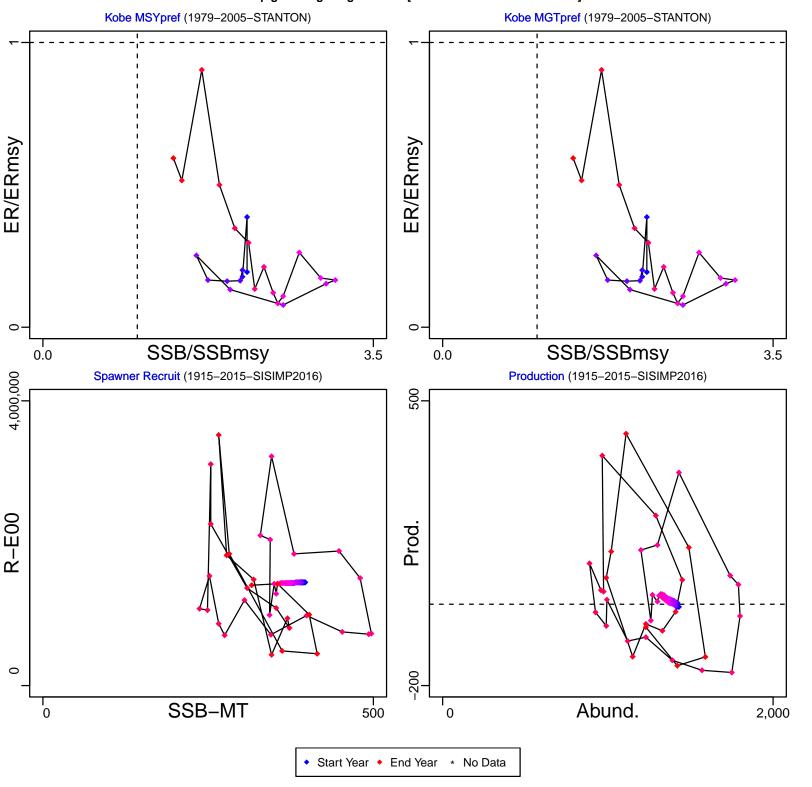
TB*	SSB*
TN *	F*
ED*	Doowito*
ER*	Recruits*
	J
■ Listed time series Ta	arget BRP — Rec-Est
Listed time series Ta	im BRP * No Data

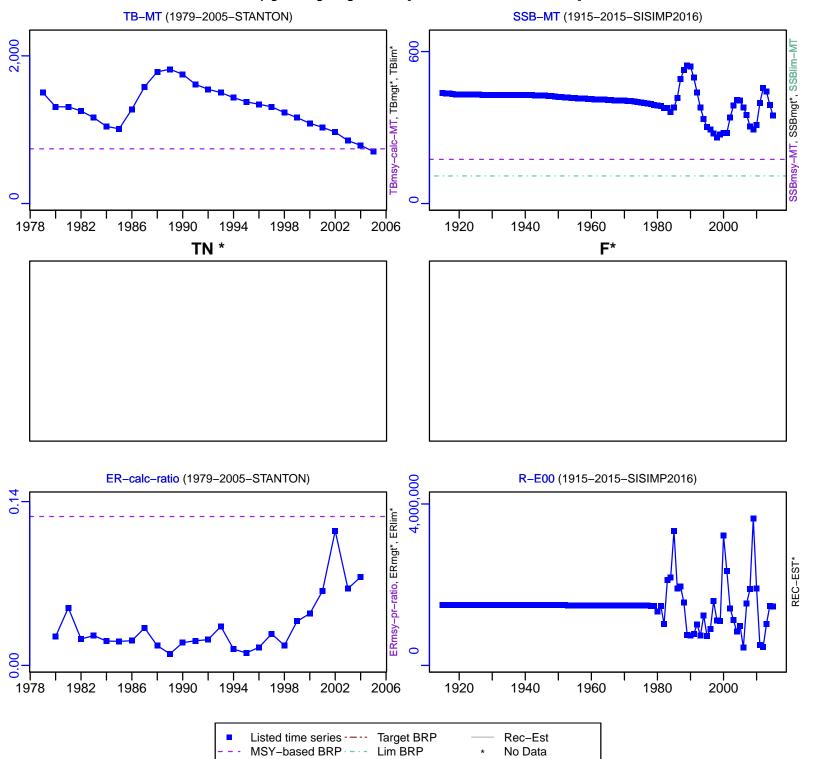


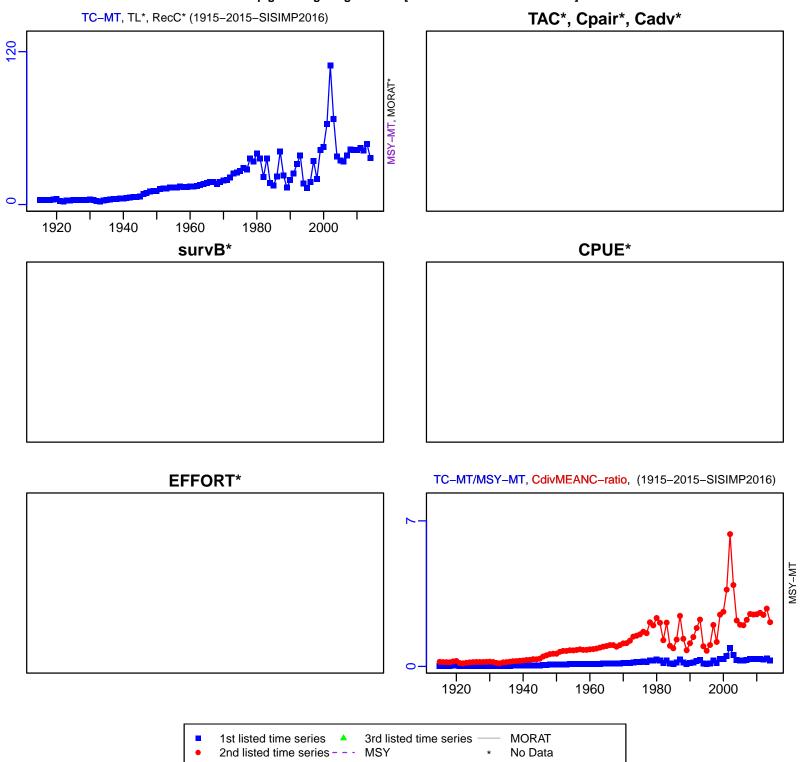
Metadata		
Scientific Name	Hexagrammos decagrammus	
Current Assess ID	NWFSC-KELPGREENLINGORECOAST-1915-2015-SISIMP2016	
Area Oregon Coast		
Management Authority	National Marine Fisheries Service, US national management	
Assessor	Northwest Fisheries Science Center	
Asmts in RAM	2015, 2005	

Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	TBmsy-calc-MT	2005	656	
SSBmsy	SSBmsy-MT	2015	159	
Fmsy	-	-	-	
ERmsy	ERmsy-pr-ratio	2005	0.125	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	-	-	-	
ERmgt	-	-	-	
TB0	TB0-MT	2005	1295	
SSB0	SSB0-MT	2005	321	
MSY	MSY-MT	2015	130	
М	M-1/yr	2005	0.26	
TBlim	-	-	-	
SSBlim	SSBlim-MT	2015	99	
Flim	-	-	-	
ERlim	-	-	-	

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2015	1130	-	0+
SSB	SSB-MT	2015	316	Females	-
TN	-	-	-	-	-
R	R-E00	2015	1,410,000	-	0
F	-	-	-	-	-
ER	ER-calc-ratio	2015	0.03	-	-
TC	TC-MT	2015	33		
TL	TL-MT	2005	52		
TB/TBmsy	TB-MT/TBmsy-calc-MT	2005	0.951		
SSB/SSBmsy	SSB-MT/SSBmsy-MT	2015	1.99		
F/Fmsy	-	-	-		
ER/ERmsy	ER-calc-ratio/ERmsy-pr-ratio	2005	0.594		
TB/TBmgt	-	-	-	1	
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		



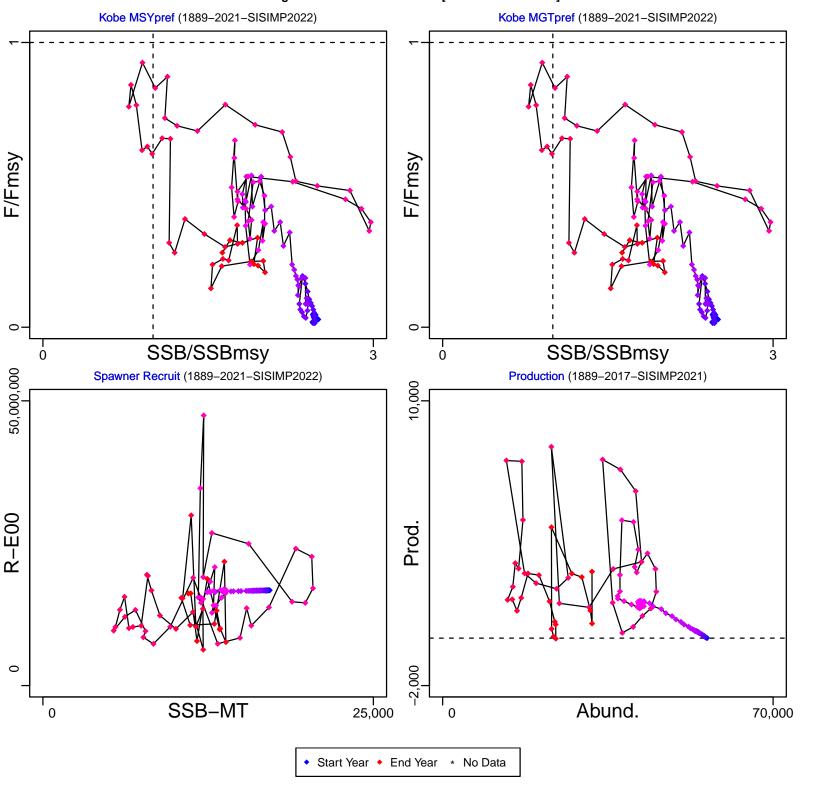


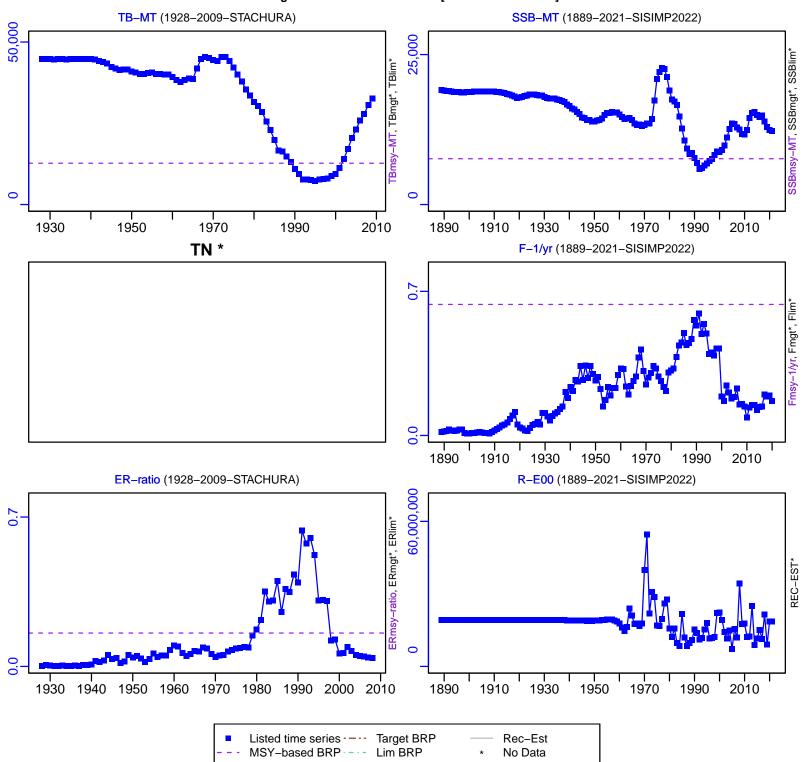


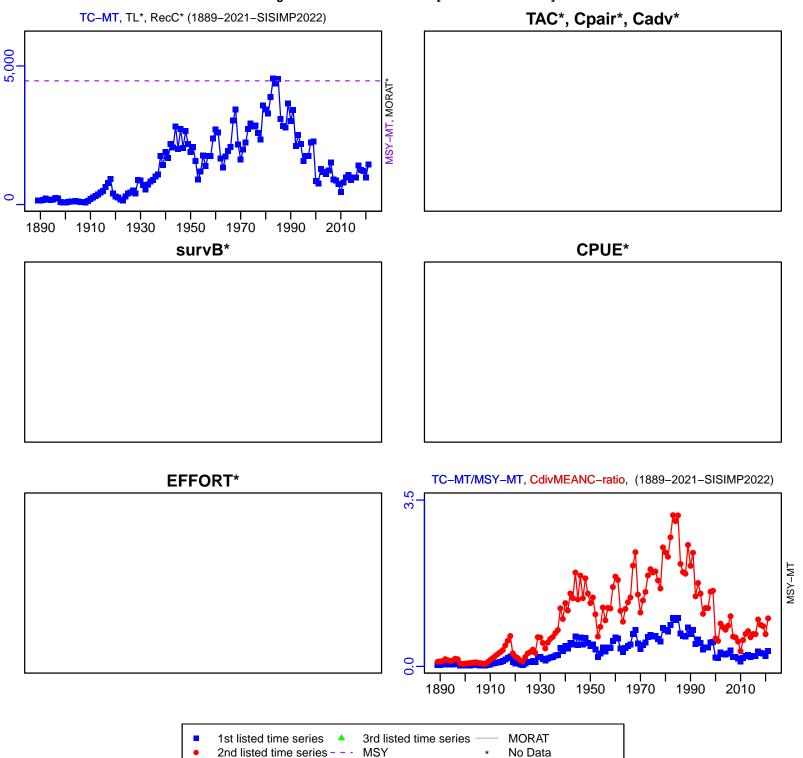
Metadata			
Scientific Name	Ophiodon elongatus		
Current Assess ID	NWFSC-LINGCODNPCOAST-1889-2021-SISIMP2022		
Area Northern Pacific Coast			
Management Authority	National Marine Fisheries Service, US national management		
Assessor	Northwest Fisheries Science Center		
Asmts in RAM	2017, 2019, 2021, 2009		

Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	TBmsy-MT	2009	12,386	
SSBmsy	SSBmsy-MT	2021	6864	
Fmsy	Fmsy-1/yr	2021	0.55	
ERmsy	ERmsy-ratio	2009	0.14	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	-	-	-	
ERmgt	-	-	-	
TB0	TB0-MT	2009	44,536	
SSB0	SSB0-MT	2009	33,075	
MSY	MSY-MT	2021	3708	
M	M-1/yr	2009	0.18	
TBlim	-	-	-	
SSBlim	SSBlim-MT	2019	9490	
Flim	Flim-1/yr	2019	0.55	
ERlim	-	-	-	

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2017	34,064	-	-
SSB	SSB-MT	2021	11,010	-	-
TN	-	-	-	-	-
R	R-E00	2021	16,174,800	-	0
F	F-1/yr	2021	0.144	-	-
ER	ER-calc-ratio	2017	0.021	-	-
TC	TC-MT	2021	1200		
TL	TL-MT	2009	350		
TB/TBmsy	TB-MT/TBmsy-MT	2009	2.567		
SSB/SSBmsy	SSB-MT/SSBmsy-MT	2021	1.604		
F/Fmsy	F-1/yr/Fmsy-1/yr	2021	0.262		
ER/ERmsy	ER-ratio/ERmsy-ratio	2009	0.253		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		







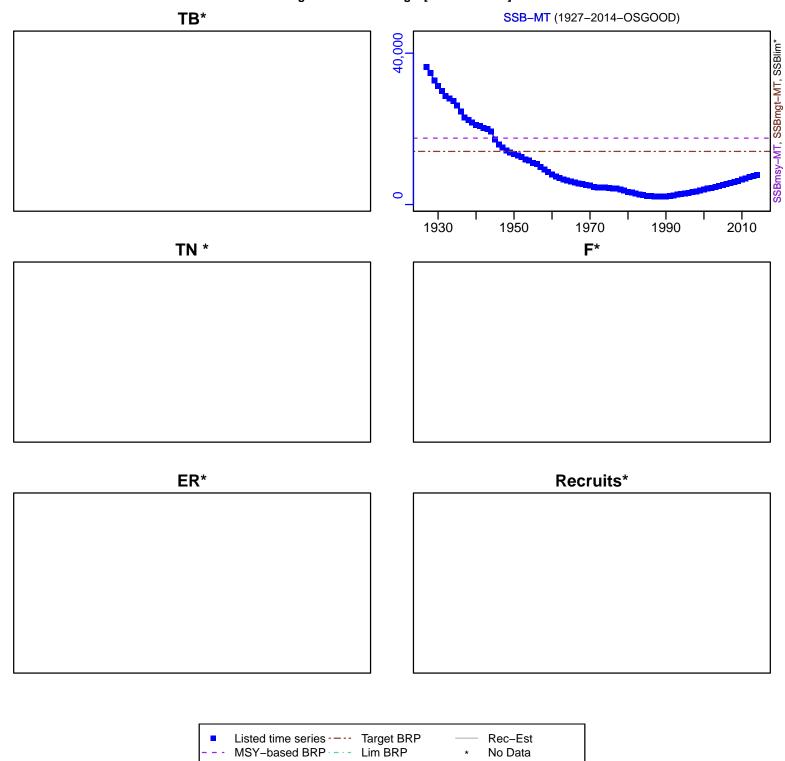
Metadata			
Scientific Name	Ophiodon elongatus		
Current Assess ID	DFO-PAC-LINGCODSOG-1927-2014-OSGOOD		
Area Strait of Georgia			
Management Authority	Department of Fisheries and Oceans, Canada national management		
Assessor Department of Fisheries and Oceans - Pacific Region			
Asmts in RAM	2014		

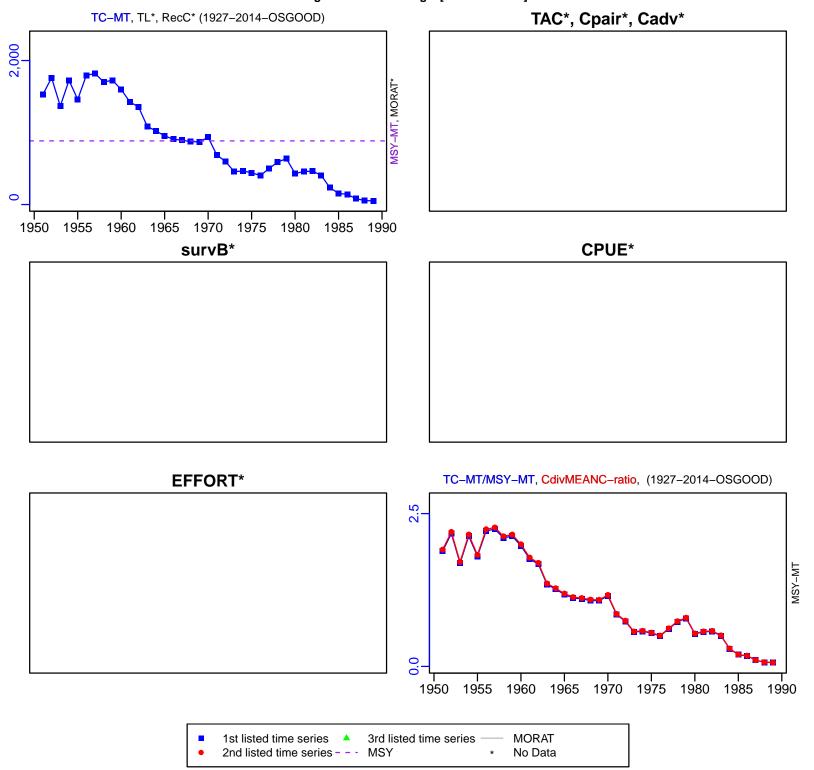
Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	SSBmsy-MT	2014	15,924	
Fmsy	-	-	-	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	SSBmgt-MT	2014	12,739	
Fmgt	-	-	-	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	-	-	-	
MSY	MSY-MT	2014	763	
М	-	-	-	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	-	-	-	-	-
SSB	SSB-MT	2014	7120	-	-
TN	-	-	-	-	-
R	-	-	-	-	-
F	-	-	-	-	-
ER	-	-	-	-	-
TC	TC-MT	2014	44		
TL	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	SSB-MT/SSBmsy-MT	2014	0.447		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2014	0.559		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

Kobe MSY*	Kobe MGT*
Spawner Recruit*	Production*

◆ Start Year ◆ End Year * No Data

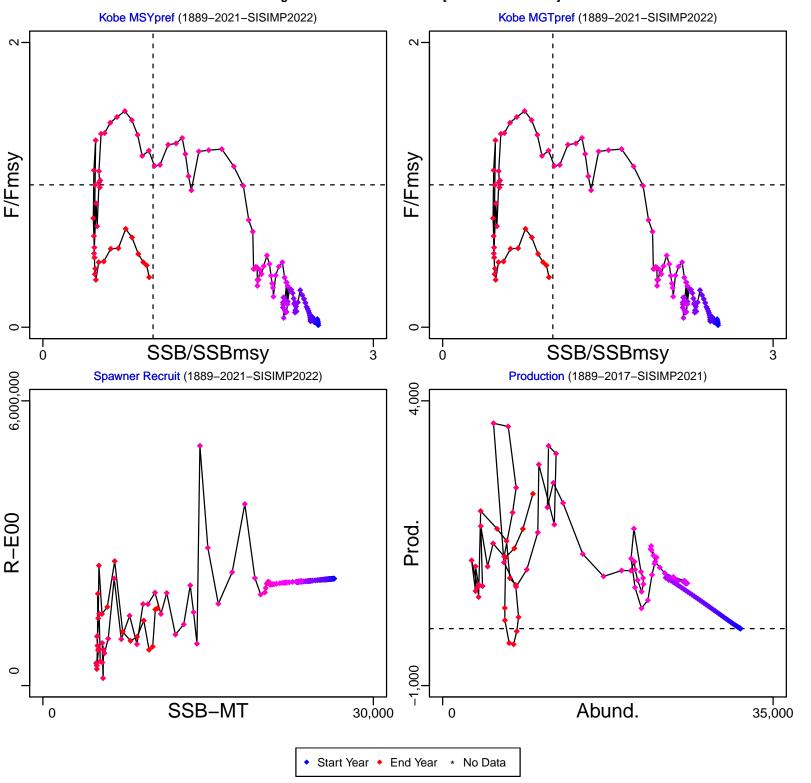


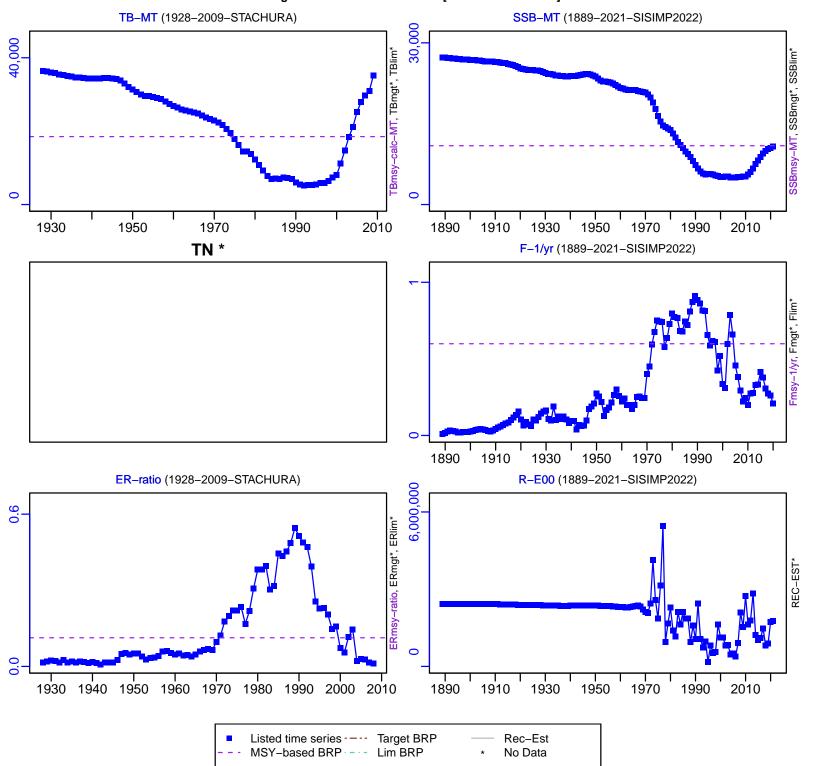


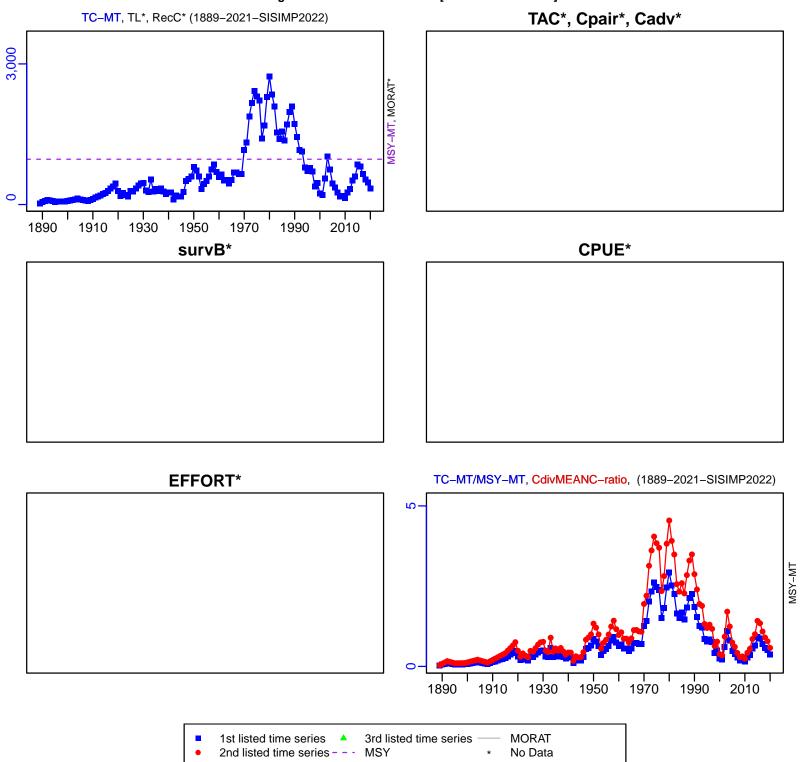
Metadata			
Scientific Name	Ophiodon elongatus		
Current Assess ID	NWFSC-LINGCODSPCOAST-1889-2021-SISIMP2022		
Area Southern Pacific Coast			
Management Authority National Marine Fisheries Service, US national managen			
Assessor Northwest Fisheries Science Center			
Asmts in RAM	2017, 2019, 2021, 2009		

Reference Points				
Type	ID	Asmt Year	Value	
TBmsy	TBmsy-calc-MT	2009	16,291	
SSBmsy	SSBmsy-MT	2021	10,577	
Fmsy	Fmsy-1/yr	2021	0.55	
ERmsy	ERmsy-ratio	2009	0.103	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	-	-	-	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	SSB0-MT	2009	25,311	
MSY	MSY-MT	2021	815	
М	M-1/yr	2009	0.18	
TBlim	-	-	-	
SSBlim	SSBlim-MT	2019	5060	
Flim	Flim-1/yr	2019	0.55	
ERlim	-	-	-	

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2017	11,610	-	-
SSB	SSB-MT	2021	10,415	Females	-
TN	-	-	-	-	-
R	R-E00	2021	1,630,130	-	0
F	F-1/yr	2021	0.193	-	-
ER	ER-calc-ratio	2017	0.07	-	-
TC	TC-MT	2021	292		
TL	TL-MT	2009	171		
TB/TBmsy	TB-MT/TBmsy-calc-MT	2009	1.897		
SSB/SSBmsy	SSB-MT/SSBmsy-MT	2021	0.985		
F/Fmsy	F-1/yr/Fmsy-1/yr	2021	0.351		
ER/ERmsy	ER-ratio/ERmsy-ratio	2009	0.093		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		







Lumpfish Northern Gulf of St. Lawrence [LUMP3Pn4RS]

Metadata		
Scientific Name	Cyclopterus lumpus	
Current Assess ID	DFO-QUE-LUMP3Pn4RS-1970-2015-ASHBROOK	
Area	Northern Gulf of St. Lawrence	
Management Authority	Department of Fisheries and Oceans, Canada national management	
Assessor	Department of Fisheries and Oceans - Quebec Region	
Asmts in RAM	2015	

Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	-	-	-	
Fmsy	-	-	-	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	-	-	-	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	-	-	-	
MSY	-	-	-	
M	-	-	-	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	-	-	-	-	-
SSB	-	-	-	-	-
TN	-	-	-	-	-
R	-	-	-	-	-
F	-	-	-	-	-
ER	-	-	-	-	-
TC	-	-	-		
TL	TL-MT	2015	36		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

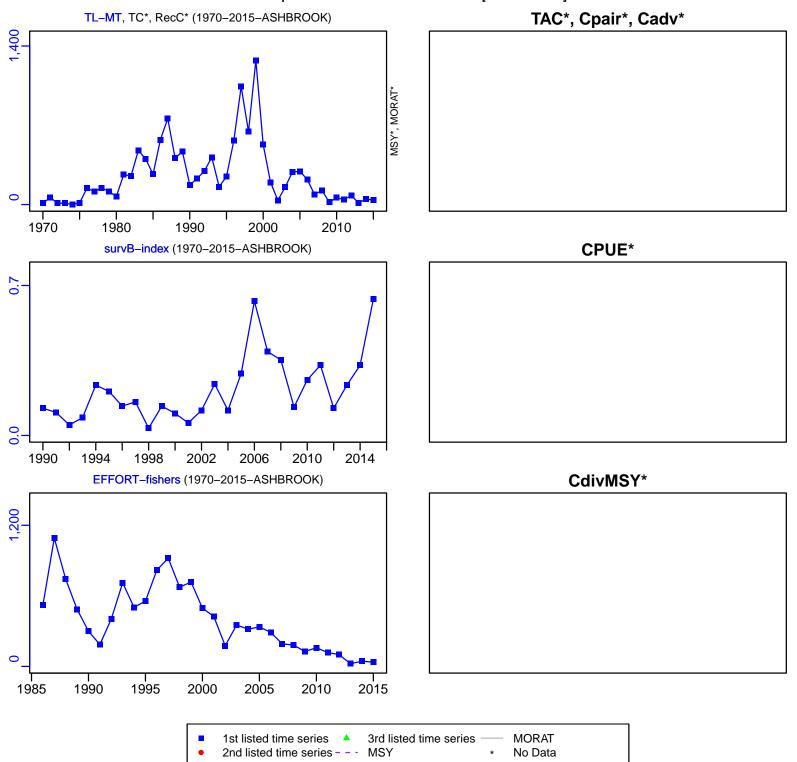
Lumpfish Northern Gulf of St. Lawrence [LUMP3Pn4RS]

Kobe MSY*	Kobe MGT*
Spawner Recruit*	Production*

◆ Start Year ◆ End Year * No Data

Lumpfish Northern Gulf of St. Lawrence [LUMP3Pn4RS]

TB*	SSB*
TN *	F*
ER*	Recruits*
Listed time series Ta	arget BRP — Rec-Est m BRP * No Data



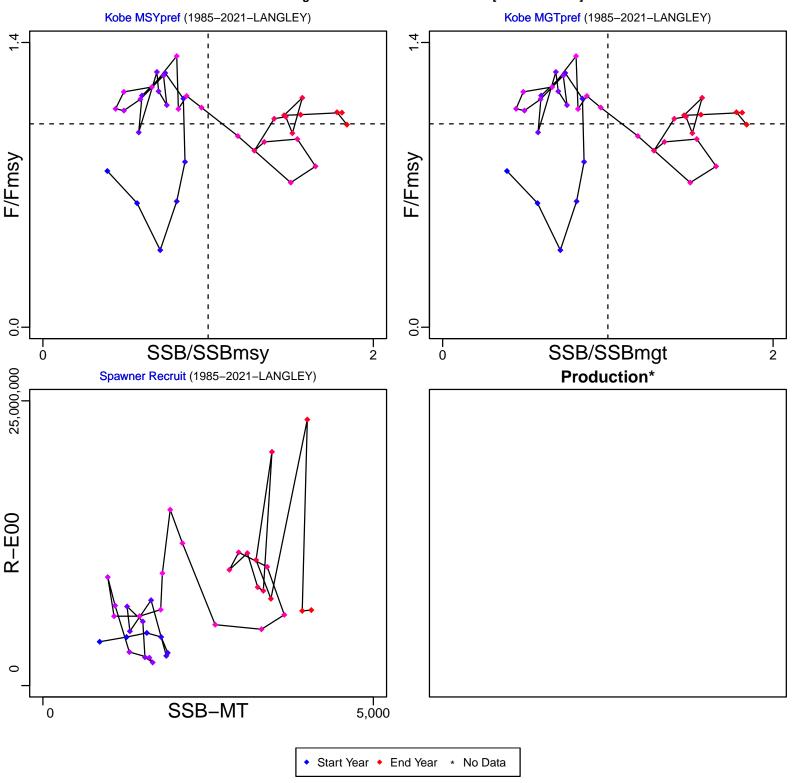
Pacific red gurnard New Zealand Area GUR 3 [PRGURNGUR3]

Metadata		
Scientific Name	Chelidonichthys kumu	
Current Assess ID	NZMFishINSHOREWG-PRGURNGUR3-1985-2021-LANGLEY	
Area	New Zealand Area GUR 7	
Management Authority	Ministry of Fisheries, New Zealand national management	
Assessor	Inshore Working Group	
Asmts in RAM	2021	

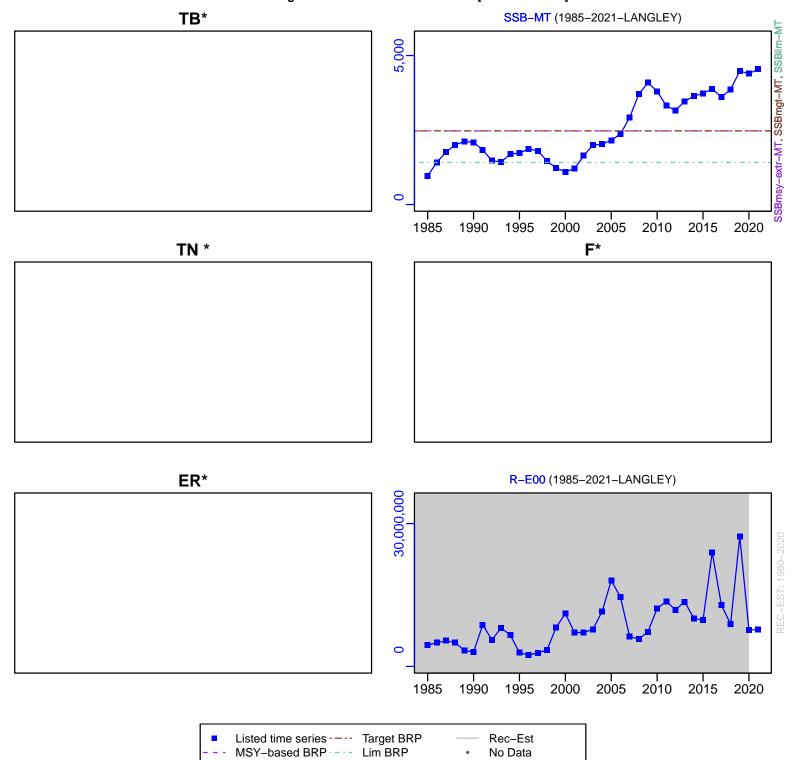
Reference Points				
Type	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	SSBmsy-extr-MT	2021	2208	
Fmsy	-	-	-	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	SSBmgt-MT	2021	2207	
Fmgt	-	-	-	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	-	-	-	
MSY	MSY-MT	2021		
M	M-1/yr	2021	0.29	
TBlim	-	-	-	
SSBlim	SSBlim-MT	2021	1261	
Flim	-	-	-	
ERlim	-	-	-	

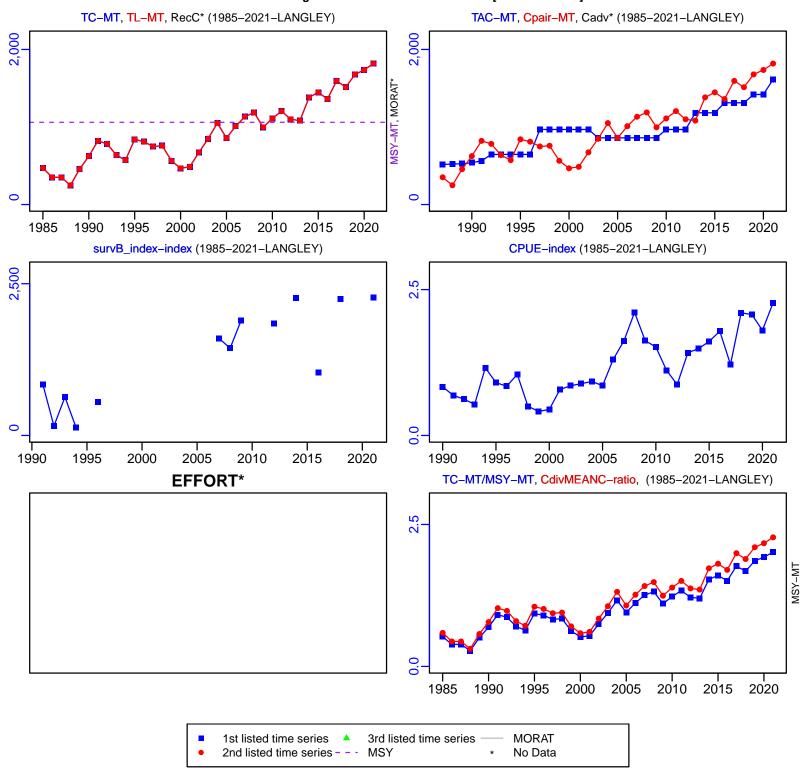
Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	-	-	-	-	-
SSB	SSB-MT	2021	4061	Females	-
TN	-	-	-	-	-
R	R-E00	2021	6,626,810	Both	-
F	-	-	-	-	-
ER	-	-	-	-	-
TC	TC-MT	2021	1691		
TL	TL-MT	2021	1691		
TB/TBmsy	-	-	-]	
SSB/SSBmsy	SSBdivSSBmsy-dimensionless	2021	1.84		
F/Fmsy	FdivFmsy-dimensionless	2021	0.996		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2021	1.84		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

Pacific red gurnard New Zealand Area GUR 3 [PRGURNGUR3]



Pacific red gurnard New Zealand Area GUR 3 [PRGURNGUR3]

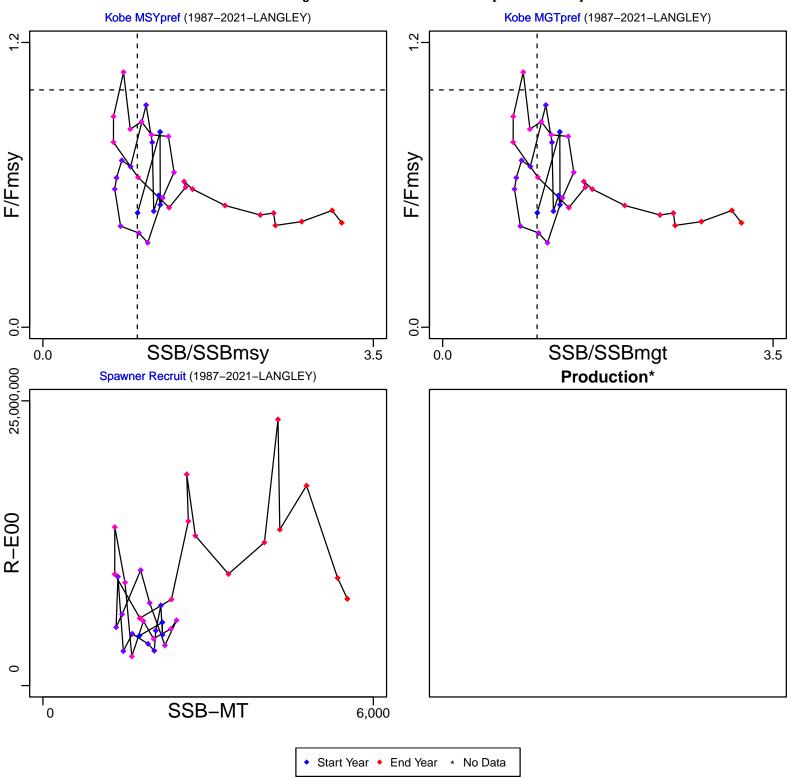


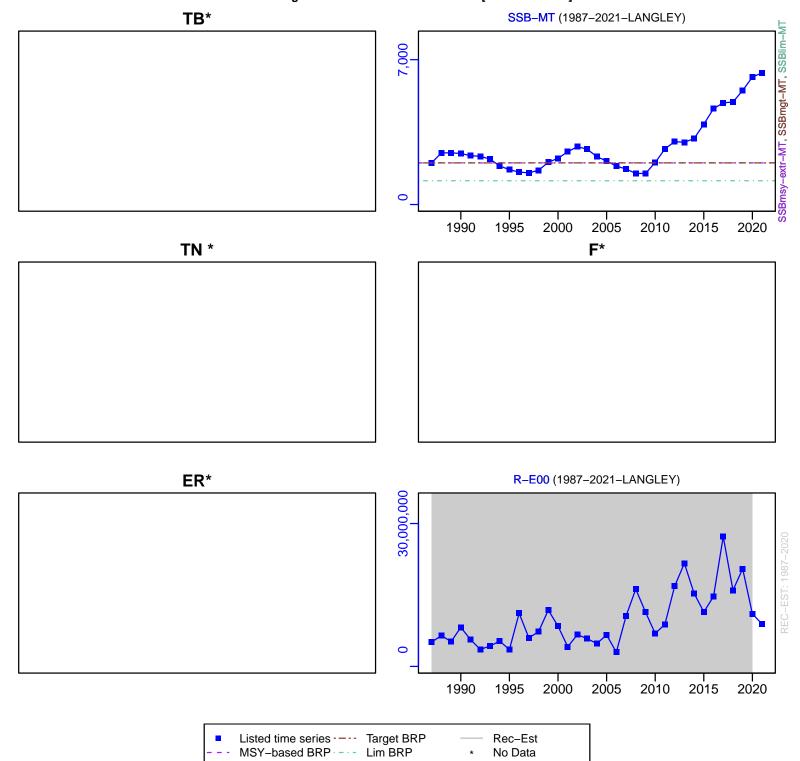


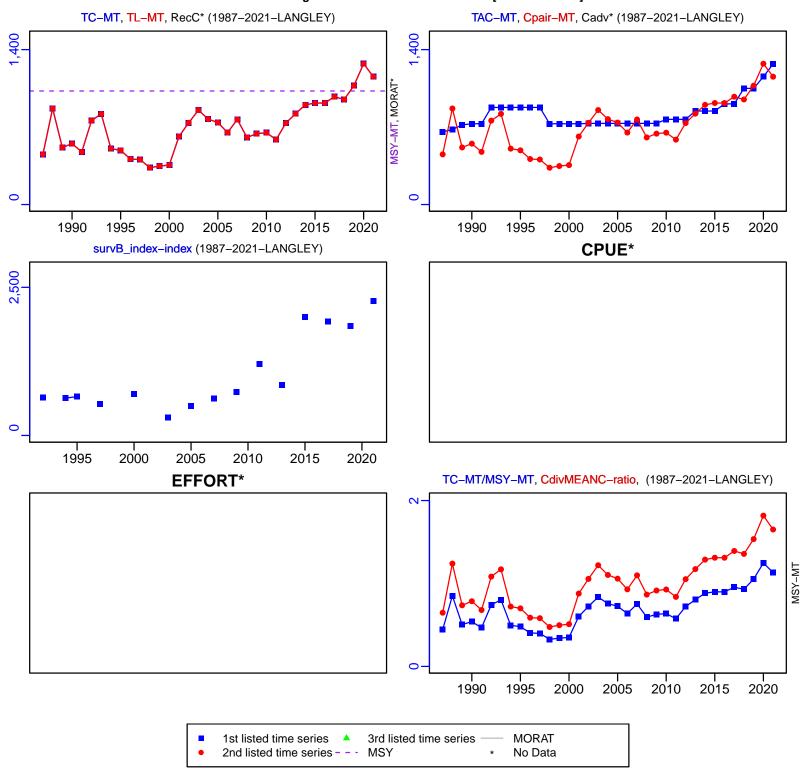
Metadata		
Scientific Name	Chelidonichthys kumu	
Current Assess ID	NZMFishINSHOREWG-PRGURNGUR7-1987-2021-LANGLEY	
Area	New Zealand Area GUR 7	
Management Authority	Ministry of Fisheries, New Zealand national management	
Assessor	Inshore Working Group	
Asmts in RAM	2021	

Reference Points			
Type	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	SSBmsy-extr-MT	2021	1746
Fmsy	-	-	-
ERmsy	-	-	-
TBmgt	-	-	-
SSBmgt	SSBmgt-MT	2021	1747
Fmgt	-	-	-
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	MSY-MT	2021	953
М	M-1/yr	2021	0.31
TBlim	-	-	-
SSBlim	SSBlim-MT	2021	998
Flim	-	-	-
ERlim	-	-	-

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	-	-	-	-	-
SSB	SSB-MT	2021	5528	Females	-
TN	-	-	-	-	-
R	R-E00	2021	7,614,530	Both	-
F	-	-	-	-	-
ER	-	-	-	-	-
TC	TC-MT	2021	1073		
TL	TL-MT	2021	1073		
TB/TBmsy	-	-	-		
SSB/SSBmsy	SSBdivSSBmsy-dimensionless	2021	3.165		
F/Fmsy	FdivFmsy-dimensionless	2021	0.44		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2021	3.164		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		







Metadata		
Scientific Name	Chelidonichthys cuculus	
Current Assess ID	WGWIDE-RGURNNEATL-2006-2018-ICESIMP2021	
Area	Northeast Atlantic	
Management Authority	International Council for the Exploration of the Sea	
Assessor	Working Group on Widely Distributed Stocks	
Asmts in RAM	2014, 2016, 2018	

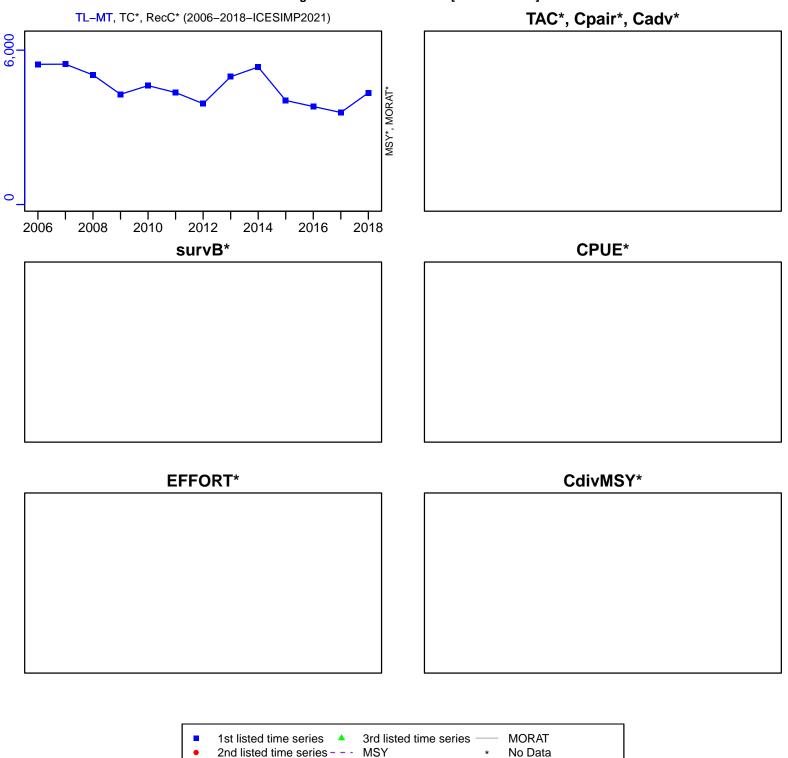
Reference Points			
Туре	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	-	-	-
Fmsy	-	-	-
ERmsy	-	-	-
TBmgt	-	-	-
SSBmgt	-	-	-
Fmgt	-	-	-
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	-	-	-
M	-	-	-
TBlim	-	-	-
SSBlim	-	-	-
Flim	-	-	-
ERlim	-	-	-

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	-	-	-	-	-
SSB	-	-	-	-	-
TN	-	-	-	-	-
R	-	-	-	-	-
F	-	-	-	-	-
ER	-	-	-	-	-
TC	-	-	-		
TL	TL-MT	2018	4018		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

Kobe MSY*	Kobe MGT*
Spawner Recruit*	Production*

◆ Start Year ◆ End Year * No Data

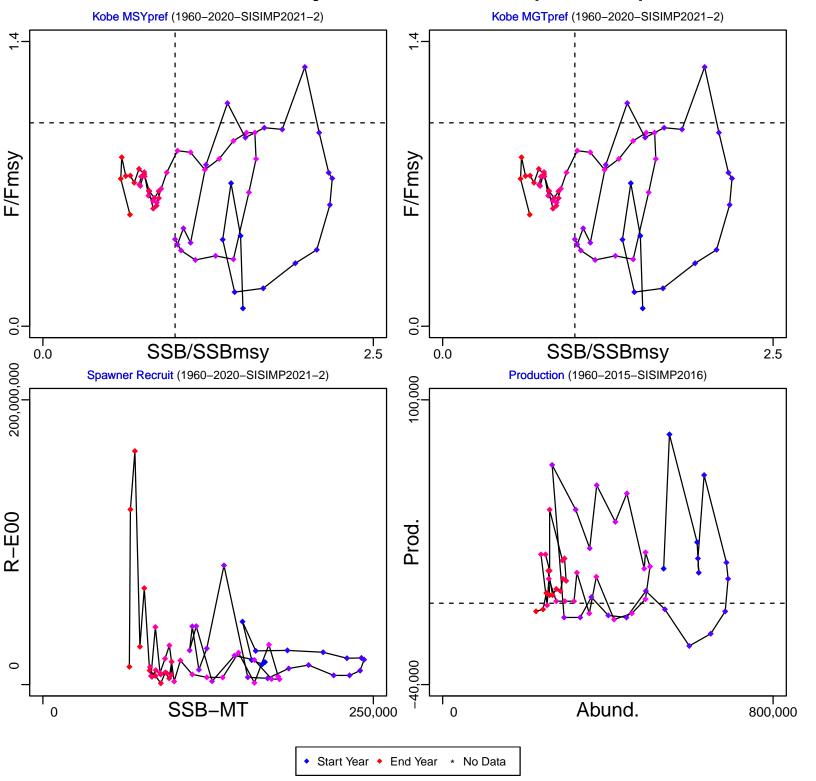
TB*	SSB*
TN *	F*
ER*	Recruits*
Listed time series Ta	arget BRP — Rec-Est
MSY-based BRP Li	im BRP * No Data

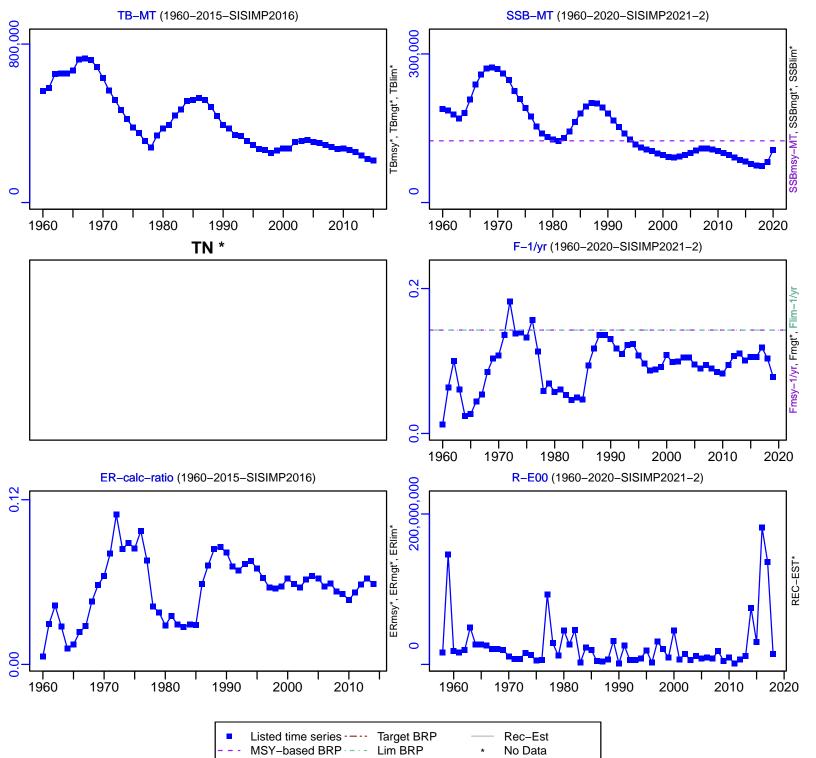


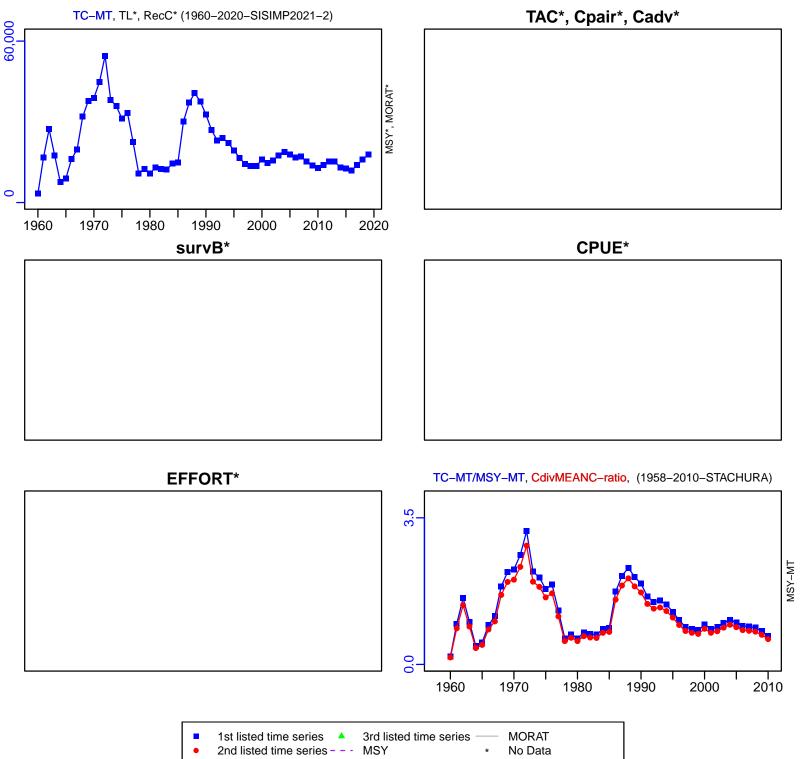
Metadata		
Scientific Name	Anoplopoma fimbria	
Current Assess ID	AFSC-SABLEFEBSAIGA-1960-2020-SISIMP2021-2	
Area	Eastern Bering Sea / Aleutian Islands / Gulf of Alaska	
Management Authority	National Marine Fisheries Service, US national management	
Assessor	Alaska Fisheries Science Center	
Asmts in RAM	2010, 2016, 2017, 2018, 2015, 2019, 2020	

Reference Points			
Туре	ID	Asmt Year	Value
TBmsy	TBmsy-calc-MT	2010	96,345
SSBmsy	SSBmsy-MT	2020	111,000
Fmsy	Fmsy-1/yr	2020	0.124
ERmsy	ERmsy-ratio	2010	0.197
TBmgt	-	-	-
SSBmgt	-	-	-
Fmgt	-	-	-
ERmgt	-	-	-
TB0	-	-	-
SSB0	SSB0-MT	2010	275,270
MSY	MSY-MT	2010	18,950
М	M-1/yr	2010	0.1
TBlim	-	-	-
SSBlim	SSBlim-MT	2019	46,400
Flim	Flim-1/yr	2020	0.124
ERlim	-	-	-

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2015	202,000	Both	2+
SSB	SSB-MT	2020	94,400	-	-
TN	-	-	-	-	-
R	R-E00	2020	12,500,000	-	2
F	F-1/yr	2020	0.068	-	-
ER	ER-calc-ratio	2015	0.058	-	-
TC	TC-MT	2020	17,300		
TL	-	-	-		
TB/TBmsy	TB-MT/TBmsy-calc-MT	2010	2.283		
SSB/SSBmsy	SSB-MT/SSBmsy-MT	2020	0.85		
F/Fmsy	F-1/yr/Fmsy-1/yr	2020	0.548		
ER/ERmsy	ER-calc-ratio/ERmsy-ratio	2010	0.261		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		



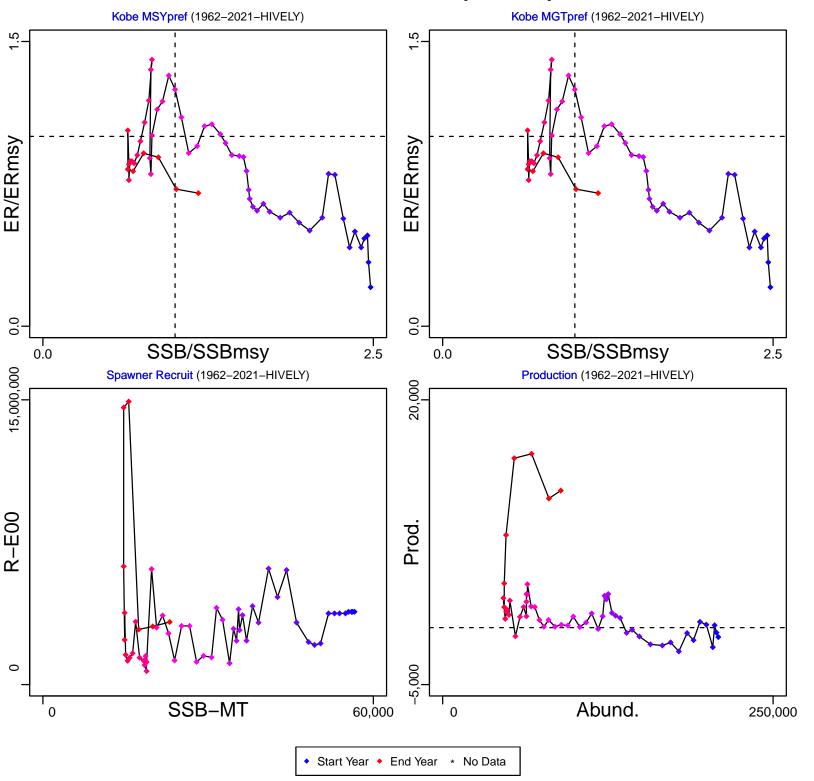


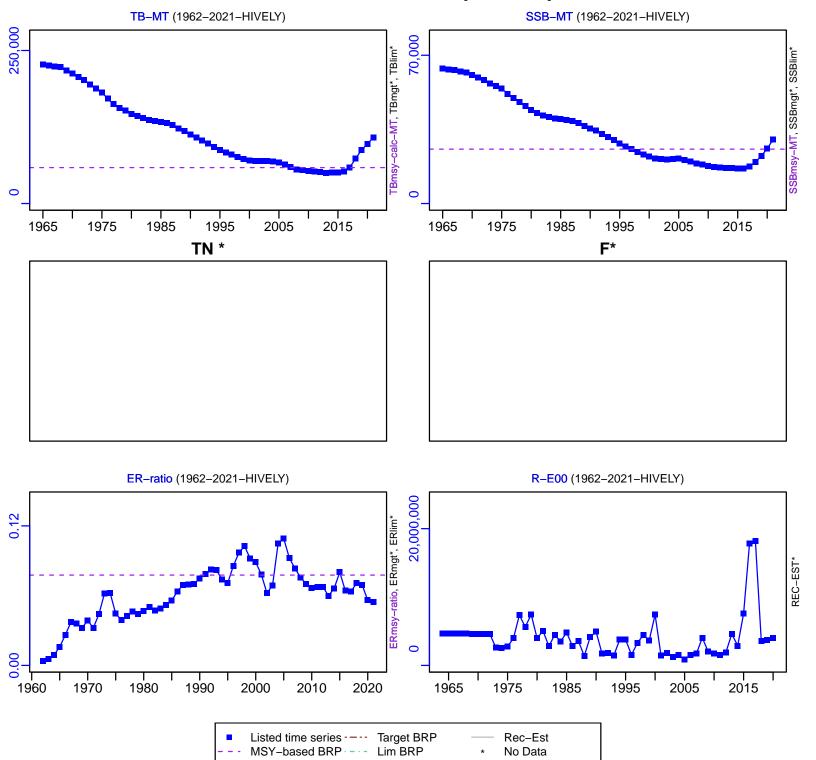


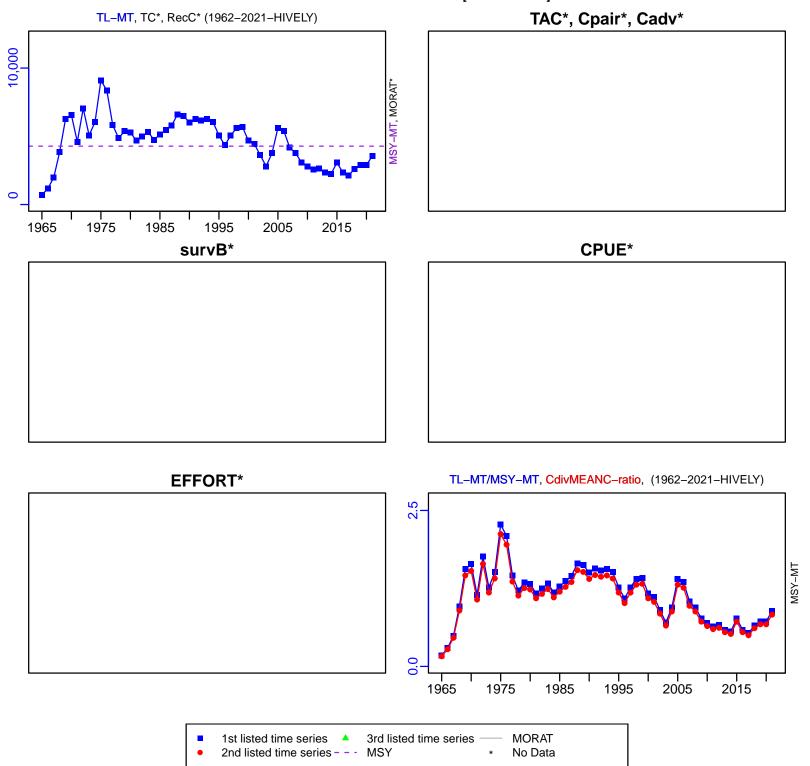
Metadata		
Scientific Name	Anoplopoma fimbria	
Current Assess ID	DFO-PAC-SABLEFPCAN-1962-2021-HIVELY	
Area	Pacific Coast of Canada	
Management Authority	Department of Fisheries and Oceans, Canada national management	
Assessor	Department of Fisheries and Oceans - Pacific Region	
Asmts in RAM	2010, 2021	

Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	TBmsy-calc-MT	2021	53,846	
SSBmsy	SSBmsy-MT	2021	22,820	
Fmsy	-	-	-	
ERmsy	ERmsy-ratio	2021	0.065	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	-	-	-	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	SSB0-MT	2010	114,770	
MSY	MSY-MT	2021	3500	
М	M-1/yr	2010	0.06	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2021	99,032	-	-
SSB	SSB-MT	2021	26,840	Females	-
TN	-	-	-	-	-
R	R-E00	2021	3,295,935	-	1
F	-	-	-	-	-
ER	ER-ratio	2021	0.046	-	-
TC	-	-	-		
TL	TL-MT	2021	2910		
TB/TBmsy	TB-MT/TBmsy-calc-MT	2021	1.839		
SSB/SSBmsy	SSB-MT/SSBmsy-MT	2021	1.176		
F/Fmsy	-	-	-		
ER/ERmsy	ER-ratio/ERmsy-ratio	2021	0.701		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		



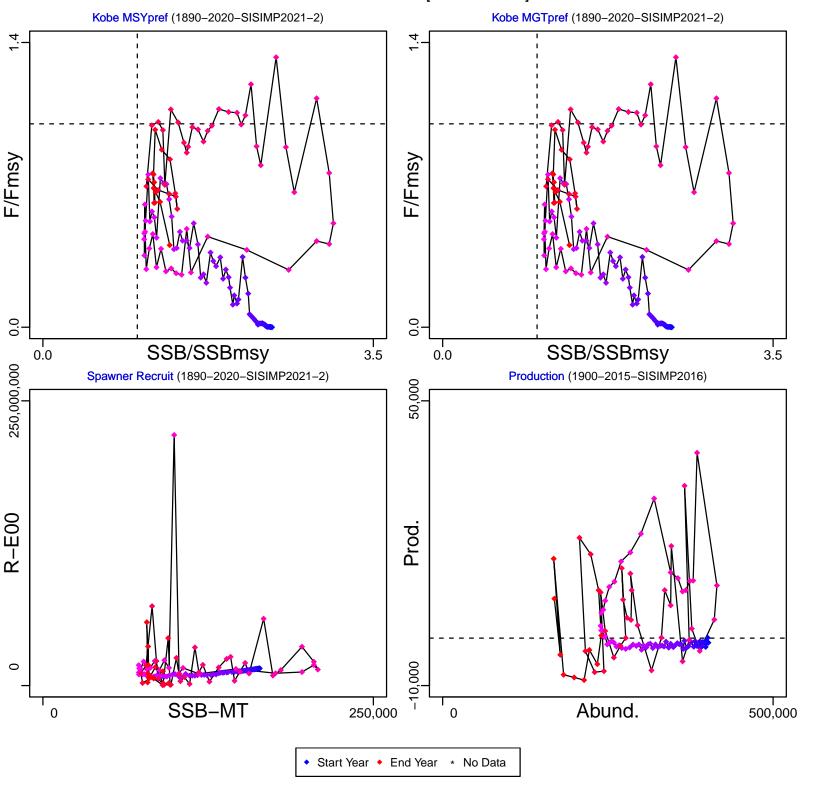


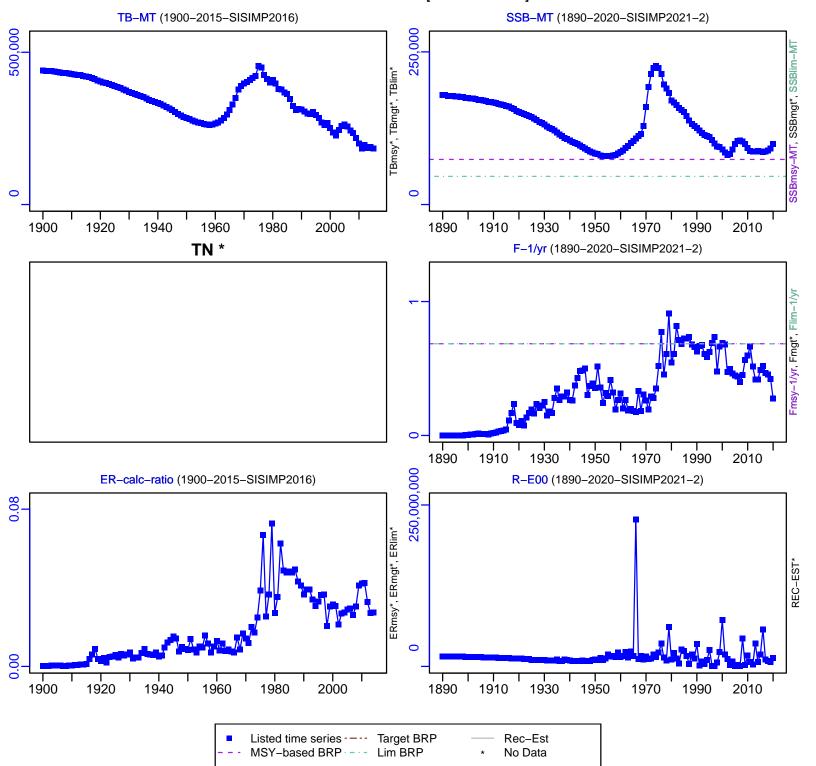


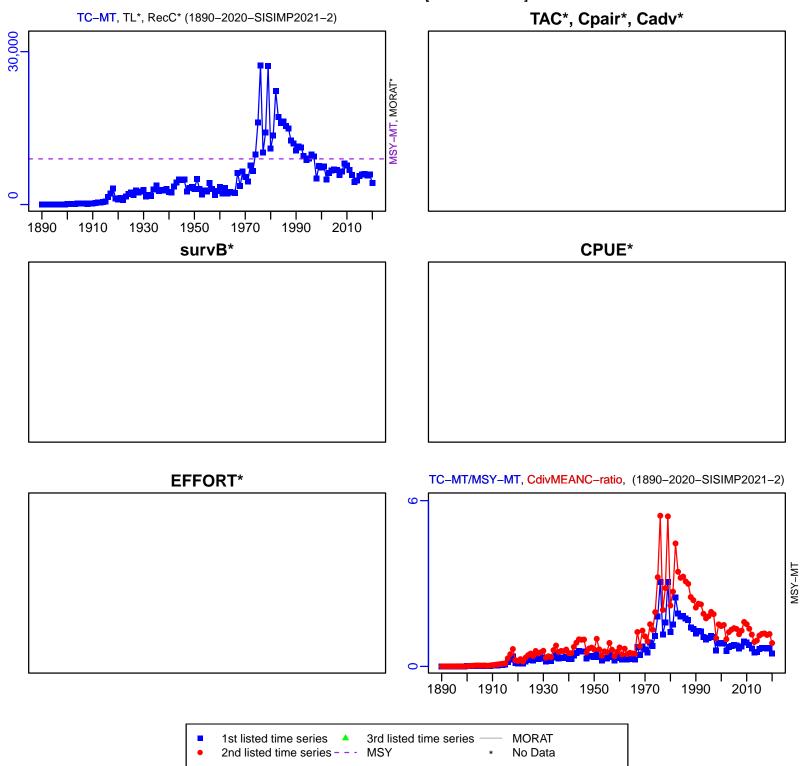
Metadata			
Scientific Name	Anoplopoma fimbria		
Current Assess ID	NWFSC-SABLEFPCOAST-1890-2020-SISIMP2021-2		
Area Pacific Coast			
Management Authority National Marine Fisheries Service, US national management			
Assessor	Northwest Fisheries Science Center		
Asmts in RAM	2019, 2020, 2011, 2015		

Reference Points					
Туре	ID	Asmt Year	Value		
TBmsy	-	-	-		
SSBmsy	SSBmsy-MT	2020	67,600		
Fmsy	Fmsy-1/yr	2020	0.55		
ERmsy	-	-	-		
TBmgt	-	-	-		
SSBmgt	-	-	-		
Fmgt	-	-	-		
ERmgt	-	-	-		
TB0	TB0-MT	2011	537,893		
SSB0	SSB0-MT	2011	182,136		
MSY	MSY-MT	2020	8210		
M	M-1/yr	2011	0.08		
TBlim	-	-	-		
SSBlim	SSBlim-MT	2020	42,200		
Flim	Flim-1/yr	2020	0.55		
ERlim	-	-	-		

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2015	168,000	-	4+
SSB	SSB-MT	2020	90,800	-	-
TN	-	-	-	-	-
R	R-E00	2020	12,500,000	-	0
F	F-1/yr	2020	0.222	-	-
ER	ER-calc-ratio	2015	0.026	-	-
TC	TC-MT	2020	3880		,
TL	TL-MT	2011	6820		
TB/TBmsy	-	-	-		
SSB/SSBmsy	SSB-MT/SSBmsy-MT	2020	1.343		
F/Fmsy	F-1/yr/Fmsy-1/yr	2020	0.404		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		







Metadata				
Scientific Name	Neoplatycephalus richardsoni			
Current Assess ID	CSIRO-TIGERFLATSE-1915-2015-MOESENEDER			
Area Southeast Australia				
Management Authority				
	management			
Assessor	Commonwealth Scientific and Industrial Research Organization			
Asmts in RAM	2006, 2015			

Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	SSBmsy-MT	2015	7181	
Fmsy	Fmsy-1/yr	2015	0.163	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	SSBmgt-MT	2015	9240	
Fmgt	Fmgt-1/yr	2015	0.754	
ERmgt	-	-	-	
TB0	TB0-MT	2015	45,431	
SSB0	SSB0-MT	2015	23,100	
MSY	MSY-MT	2015	2854	
М	M-1/yr	2015	0.27	
TBlim	TBlim-MT	2006	2546	
SSBlim	SSBlim-MT	2015	4620	
Flim	-	-	-	
ERlim	-	-	-	

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2015	23,400	-	-
SSB	SSB-MT	2015	9820	-	-
TN	-	-	-	-	-
R	R-E00	2015	1.72×10^{13}	-	-
F	F-1/yr	2015	0.853	-	-
ER	ER-ratio	2015	0.14	-	-
TC	-	-	-		
TL	TL-MT	2015	3070		
TB/TBmsy	-	-	-		
SSB/SSBmsy	SSB-MT/SSBmsy-MT	2015	1.368		
F/Fmsy	F-1/yr/Fmsy-1/yr	2015	5.238		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2015	1.063		
F/Fmgt	F-1/yr/Fmgt-1/yr	2015	1.131		
ER/ERmgt	-	-	-		

