Indian Ocean Stocks

v4.61 (Apr-02-2023)

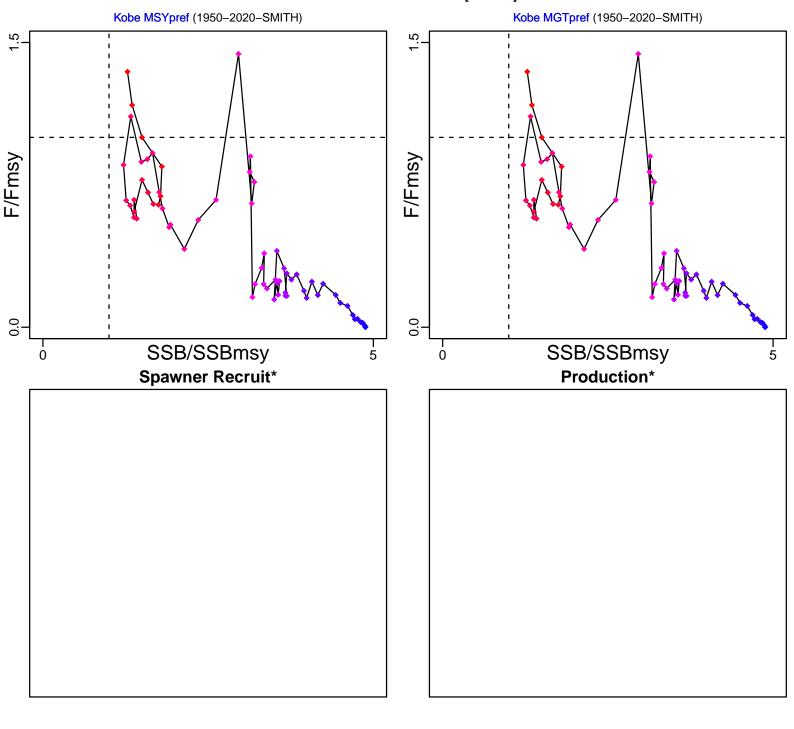
Not present Present Preferred

		Time Series Types		
Stock	B/Bmsy	U/Umsy	B/Bmgt	U/Umgt
1. ALBAIO [Albacore tuna Indian Ocean]	TB SSB	ER F	TB SSB	ER F
2. BIGEYEIO [Bigeye tuna Indian Ocean]	TB SSB	ER F	TB SSB	ER F
3. BLKMARLINIO [Black marlin Indian Ocean]	TB SSB	ER F	TB SSB	ER F
4. BLSHARIO [Blue shark Indian Ocean]	TB SSB	ER F	TB SSB	ER F
5. BMARLINIO [Indo Pacific blue marlin Indian Ocean]	TB SSB	ER F	TB SSB	ER F
6. IPSAILIO [Indo-Pacific sailfish Indian Ocean]	TB SSB	ER F	TB SSB	ER F
7. SBT [Southern bluefin tuna Southern Oceans]	TB SSB	ER F	TB SSB	ER F
8. SKJCIO [Skipjack tuna Indian Ocean]	TB SSB	ER F	TB SSB	ER F
9. STMARLINIO [Striped marlin Indian Ocean]	TB SSB	ER F	TB SSB	ER F
10. SWORDIO [Swordfish Indian Ocean]	TB SSB	ER F	TB SSB	ER F
11. YFINEIO [Yellowfin tuna Indian Ocean]	TB SSB	ER F	TB SSB	ER F

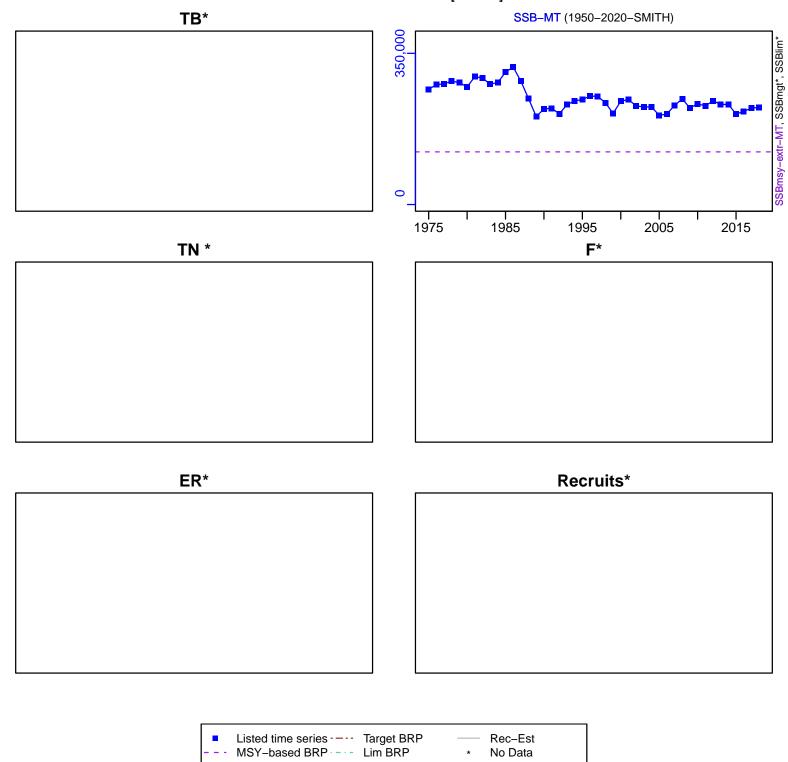
Metadata			
Scientific Name	Thunnus alalunga		
Current Assess ID IOTC-ALBAIO-1950-2020-SMITE			
Area Indian Ocean			
Management Authority	Indian Ocean Tuna Commission		
Assessor Indian Ocean Tuna Commission			
Asmts in RAM	2014, 2016, 2020		

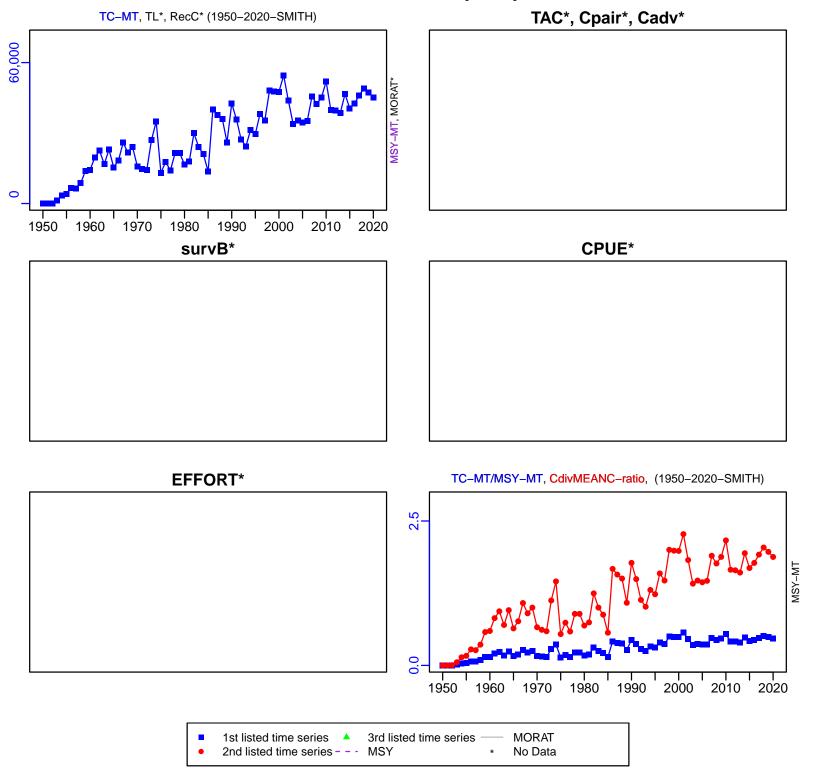
	Reference Points				
Туре	ID	Asmt Year	Value		
TBmsy	-	-	-		
SSBmsy	SSBmsy-extr-MT	2020	110,491		
Fmsy	Fmsy-1/yr	2014	0.06		
ERmsy	-	-	-		
TBmgt	-	-	-		
SSBmgt	-	-	-		
Fmgt	-	-	-		
ERmgt	-	-	-		
TB0	-	-	-		
SSB0	SSB0-MT	2014	187,325		
MSY	MSY-MT	2020	93,933		
М	M-1/yr	2014	0.3		
TBlim	-	-	-		
SSBlim	-	-	-		
Flim	-	-	-		
ERlim	-	-	-		

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	-	-	-	-	-
SSB	SSB-MT	2020	203,400	-	-
TN	-	-	-	-	-
R	-	-	-	-	-
F	-	-	-	-	-
ER	-	-	-	-	-
TC	TC-MT	2020	38,082		
TL	TL-MT	2016	36,000		
TB/TBmsy	-	-	-		
SSB/SSBmsy	SSBdivSSBmsy-dimensionless	2020	1.28		
F/Fmsy	FdivFmsy-dimensionless	2020	1.346		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		



Start Year • End Year * No Data

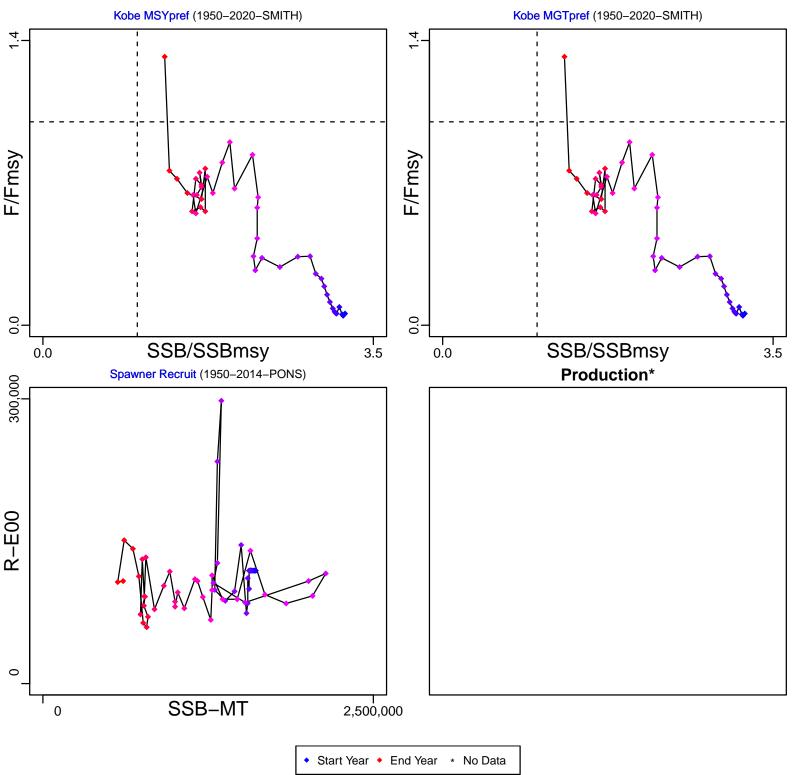


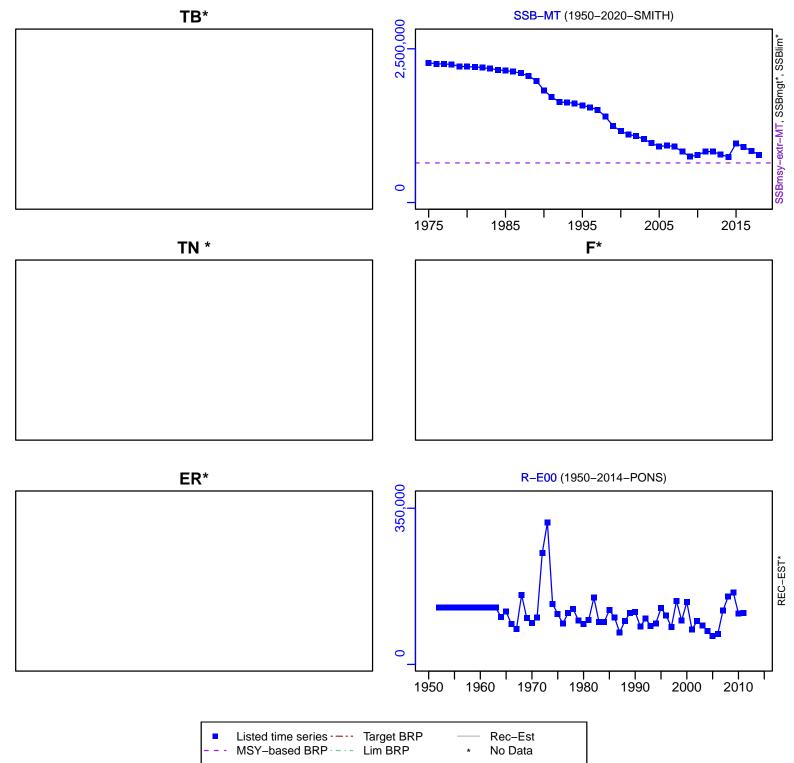


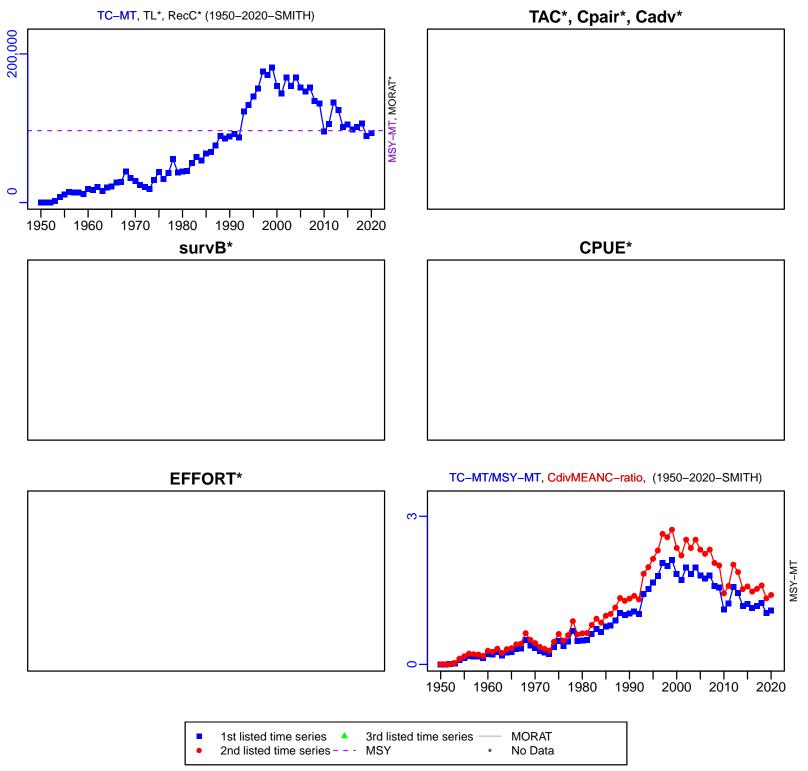
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Scientific Name	Thunnus obesus		
Current Assess ID	IOTC-BIGEYEIO-1950-2020-SMITH		
Area	Indian Ocean		
Management Authority	Indian Ocean Tuna Commission		
Assessor	Indian Ocean Tuna Commission		
Asmts in RAM	2014, 2016, 2020		

Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	SSBmsy-extr-MT	2020	593,381	
Fmsy	-	-	-	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	-	-	-	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	SSB0-MT	2014	1,674,570	
MSY	MSY-MT	2020	86,236	
M	-	-	-	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	-	-	-	-	-
SSB	SSB-MT	2020	714,158	-	-
TN	-	-	-	-	-
R	R-E00	2014	108,000	-	-
F	-	-	-	-	-
ER	-	-	-	-	-
TC	TC-MT	2020	83,498		
TL	TL-MT	2016	87,600		
TB/TBmsy	-	-	-		
SSB/SSBmsy	SSBdivSSBmsy-dimensionless	2020	1.29		
F/Fmsy	FdivFmsy-dimensionless	2020	1.32		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		



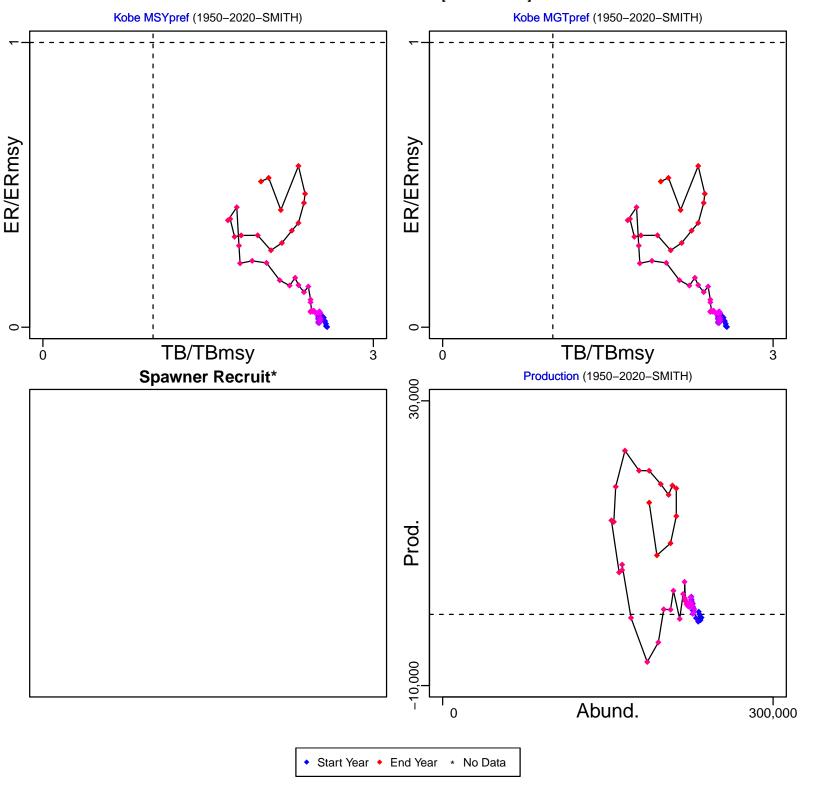


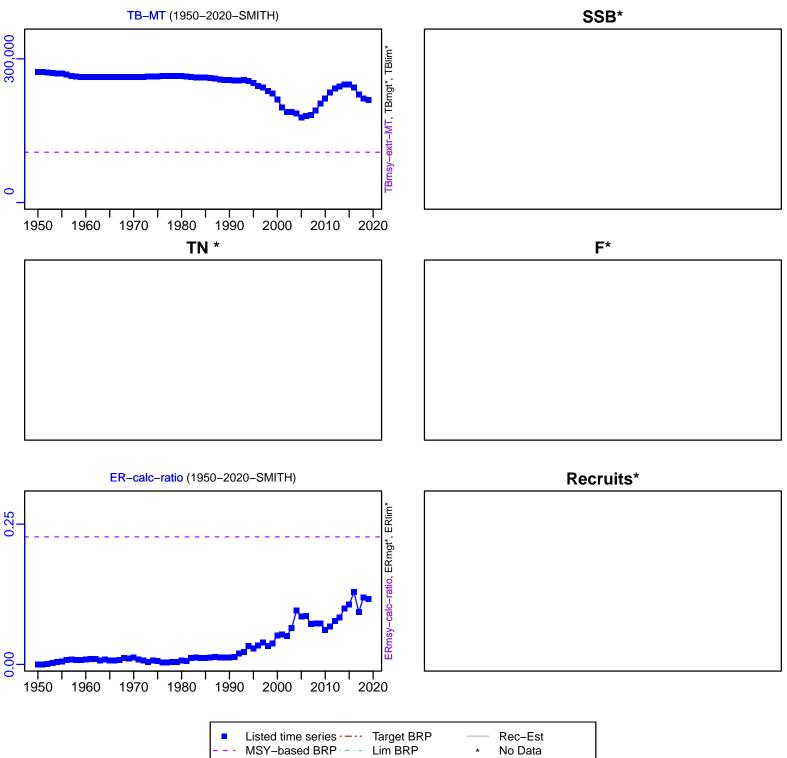


Metadata			
Scientific Name	Istiompax indica		
Current Assess ID	IOTC-BLKMARLINIO-1950-2020-SMITH		
Area Indian Ocean			
Management Authority	Indian Ocean Tuna Commission		
Assessor	Indian Ocean Tuna Commission		
Asmts in RAM	2014, 2018, 2020		

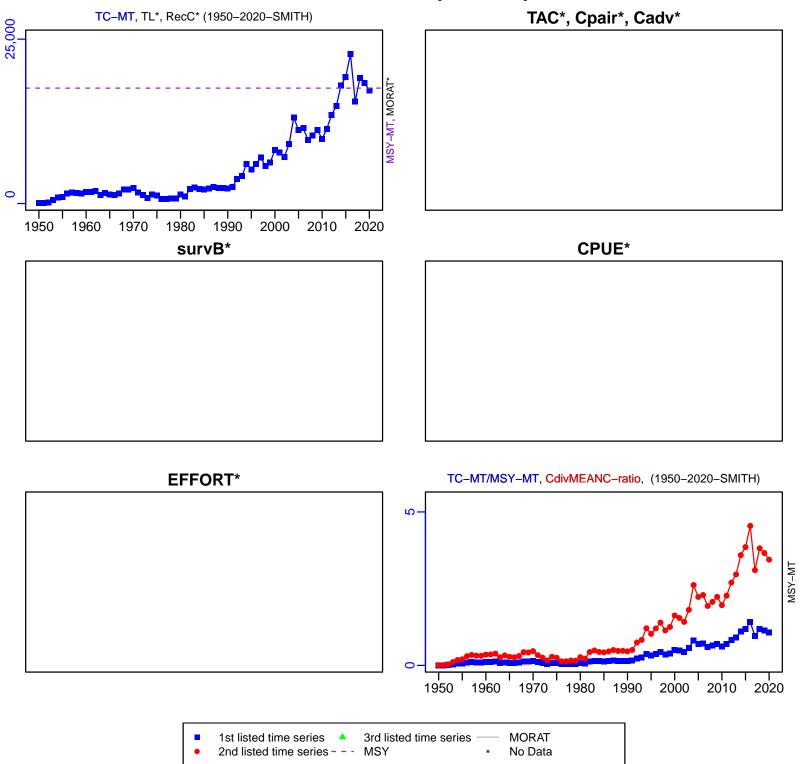
Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	TBmsy-extr-MT	2020	90,501	
SSBmsy	-	-	-	
Fmsy	-	-	-	
ERmsy	ERmsy-calc-ratio	2020	0.191	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	-	-	-	
ERmgt	-	-	-	
TB0	TB0-MT	2014	73,000	
SSB0	-	-	-	
MSY	MSY-MT	2020	17,301	
М	-	-	-	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2020	184,400	-	-
SSB	-	-	-	-	-
TN	-	-	-	-	-
R	-	-	-	-	-
F	-	-	-	-	-
ER	ER-calc-ratio	2020	0.098	-	-
TC	TC-MT	2020	16,977		
TL	TL-MT	2018	16,459		
TB/TBmsy	TBdivTBmsy-dimensionless	2020	1.98		
SSB/SSBmsy	-	-	-		
F/Fmsy	FdivFmsy-dimensionless	2020	0.53		
ER/ERmsy	ER-calc-ratio/ERmsy-calc-ratio	2020	0.512		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		





No Data

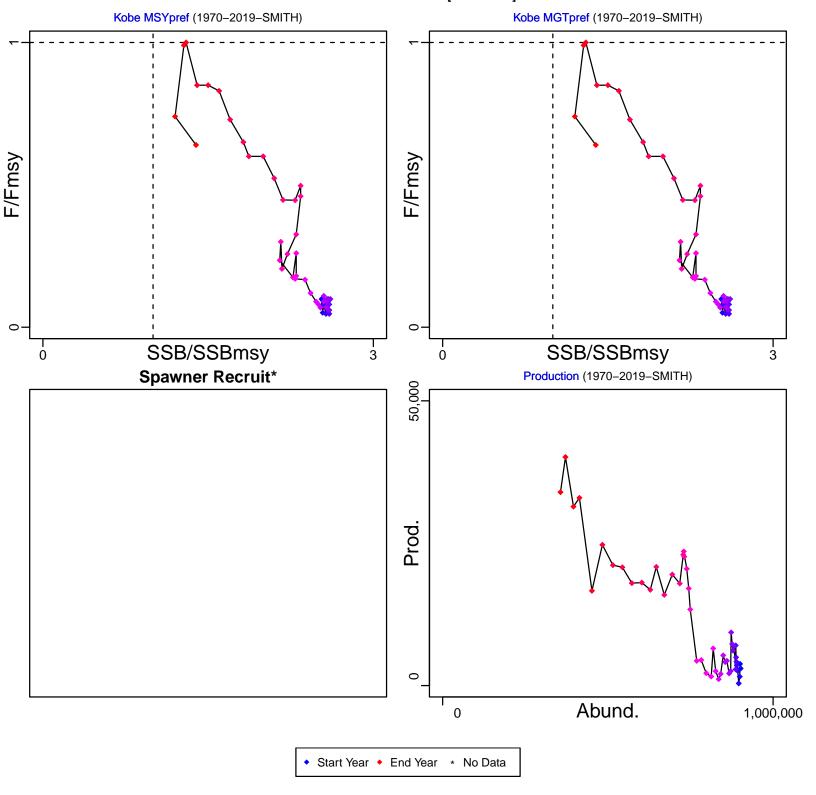


Blue shark Indian Ocean [BLSHARIO]

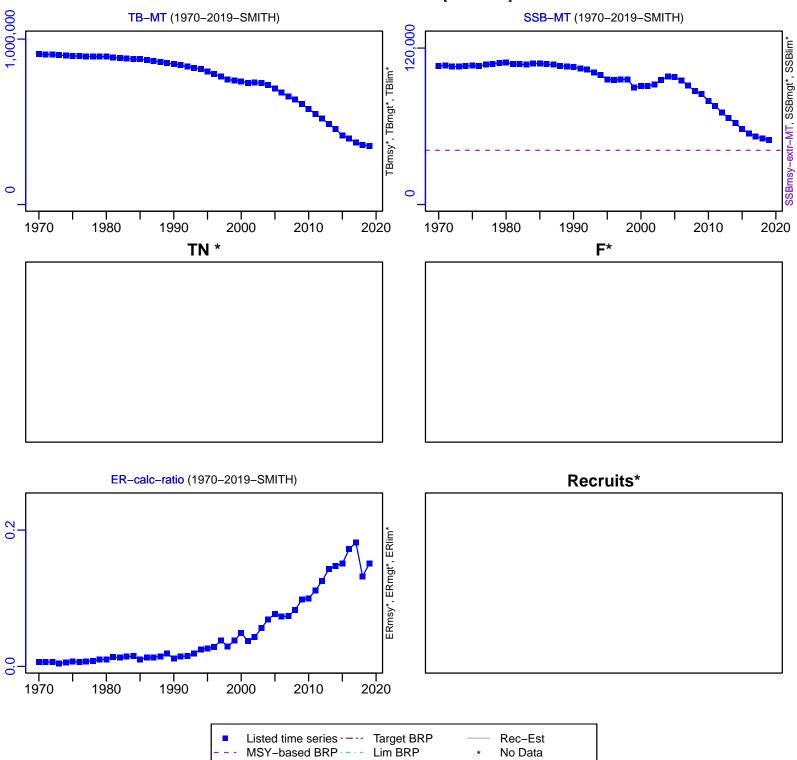
Metadata			
Scientific Name	Prionace glauca		
Current Assess ID	IOTC-BLSHARIO-1970-2019-SMITH		
Area	Indian Ocean		
Management Authority	Indian Ocean Tuna Commission		
Assessor	Indian Ocean Tuna Commission		
Asmts in RAM	2018, 2019		

Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	SSBmsy-extr-MT	2019	39,017	
Fmsy	-	-	-	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	-	-	-	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	-	-	-	
MSY	MSY-MT	2019	36,000	
М	-	-	-	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

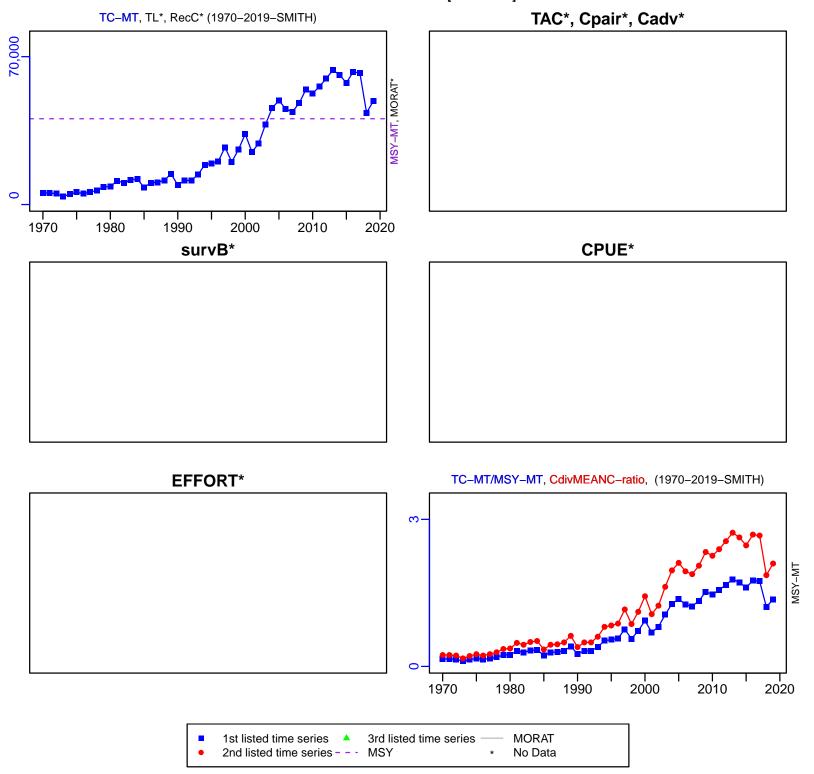
Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2019	351,960	-	-
SSB	SSB-MT	2019	46,320	-	-
TN	-	-	-	-	-
R	-	-	-	-	-
F	-	-	-	-	-
ER	ER-calc-ratio	2019	0.123	-	-
TC	TC-MT	2019	43,420		
TL	TL-MT	2018	22,385		
TB/TBmsy	-	-	-		
SSB/SSBmsy	SSBdivSSBmsy-dimensionless	2019	1.39		
F/Fmsy	FdivFmsy-dimensionless	2019	0.64		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		



Blue shark Indian Ocean [BLSHARIO]



No Data

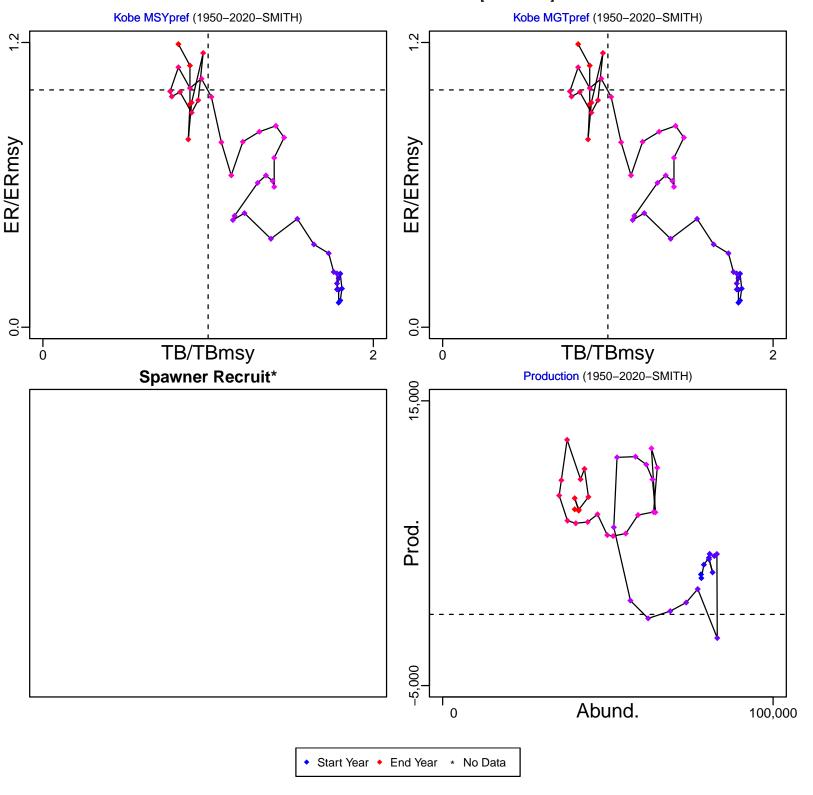


Indo Pacific blue marlin Indian Ocean [BMARLINIO]

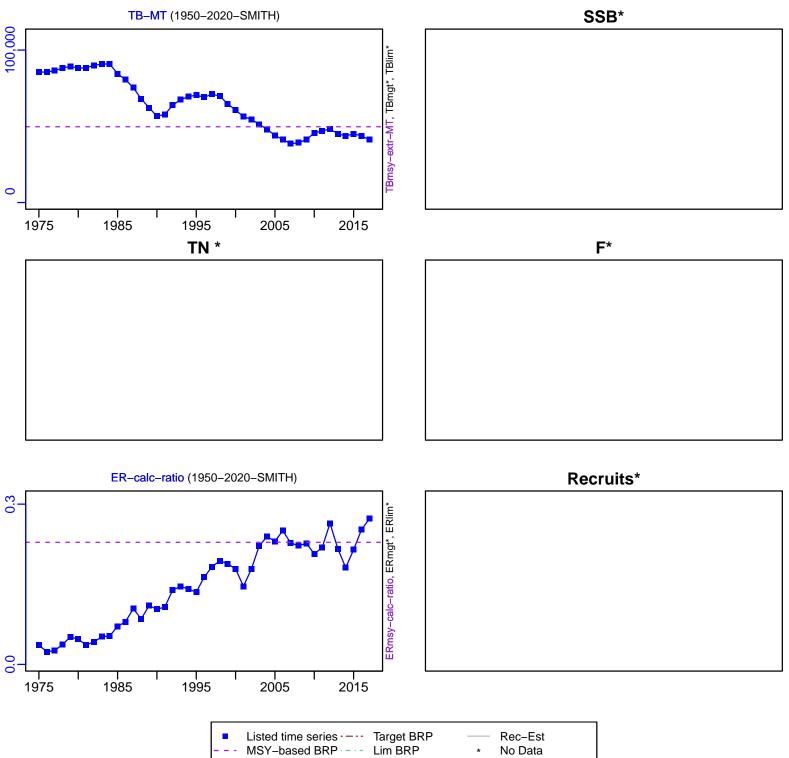
Metadata		
Scientific Name	Makaira mazara	
Current Assess ID	IOTC-BMARLINIO-1950-2020-SMITH	
Area	Indian Ocean	
Management Authority	Indian Ocean Tuna Commission	
Assessor	Indian Ocean Tuna Commission	
Asmts in RAM	2014, 2018, 2020	

	Reference Points			
Туре	ID	Asmt Year	Value	
TBmsy	TBmsy-extr-MT	2020	45,428	
SSBmsy	-	-	-	
Fmsy	-	-	-	
ERmsy	ERmsy-calc-ratio	2020	0.22	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	-	-	-	
ERmgt	-	-	-	
TB0	TB0-MT	2014	259,000	
SSB0	-	-	-	
MSY	MSY-MT	2020	9980	
M	-	-	-	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2020	37,660	-	-
SSB	-	-	-	-	-
TN	-	-	-	-	-
R	-	-	-	-	-
F	-	-	-	-	-
ER	ER-calc-ratio	2020	0.262	-	-
TC	TC-MT	2020	6958		
TL	TL-MT	2018	7811		
TB/TBmsy	TBdivTBmsy-dimensionless	2020	0.82		
SSB/SSBmsy	-	-	-		
F/Fmsy	FdivFmsy-dimensionless	2020	1.47		
ER/ERmsy	ER-calc-ratio/ERmsy-calc-ratio	2020	1.193		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

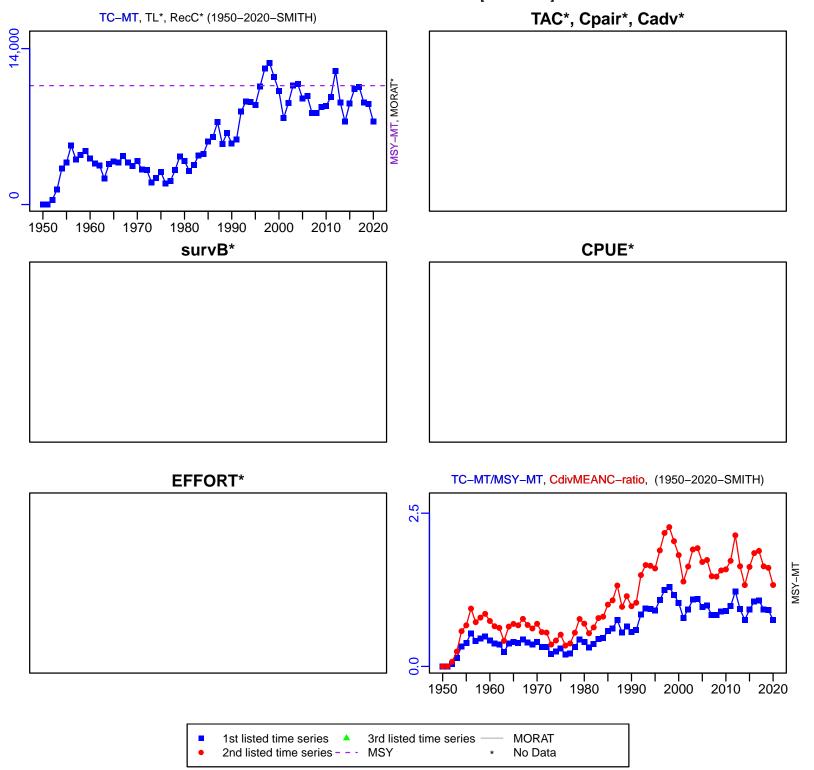


Indo Pacific blue marlin Indian Ocean [BMARLINIO]



No Data

Indo Pacific blue marlin Indian Ocean [BMARLINIO]

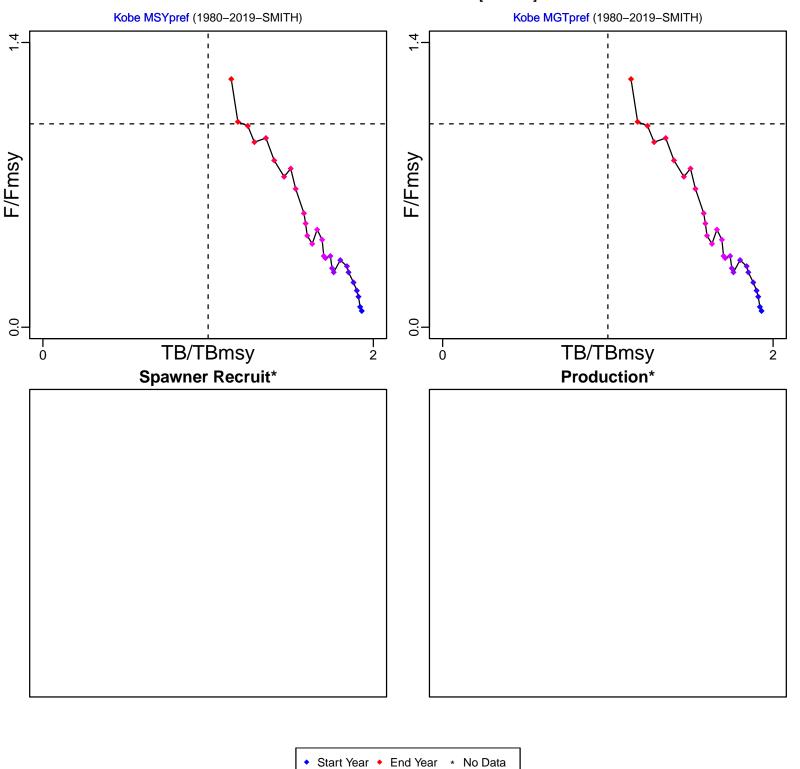


Indo-Pacific sailfish Indian Ocean [IPSAILIO]

Metadata		
Scientific Name Istiophorus platypterus		
Current Assess ID	IOTC-IPSAILIO-1980-2019-SMITH	
Area Indian Ocean		
Management Authority	Indian Ocean Tuna Commission	
Assessor	Indian Ocean Tuna Commission	
Asmts in RAM	2018, 2019	

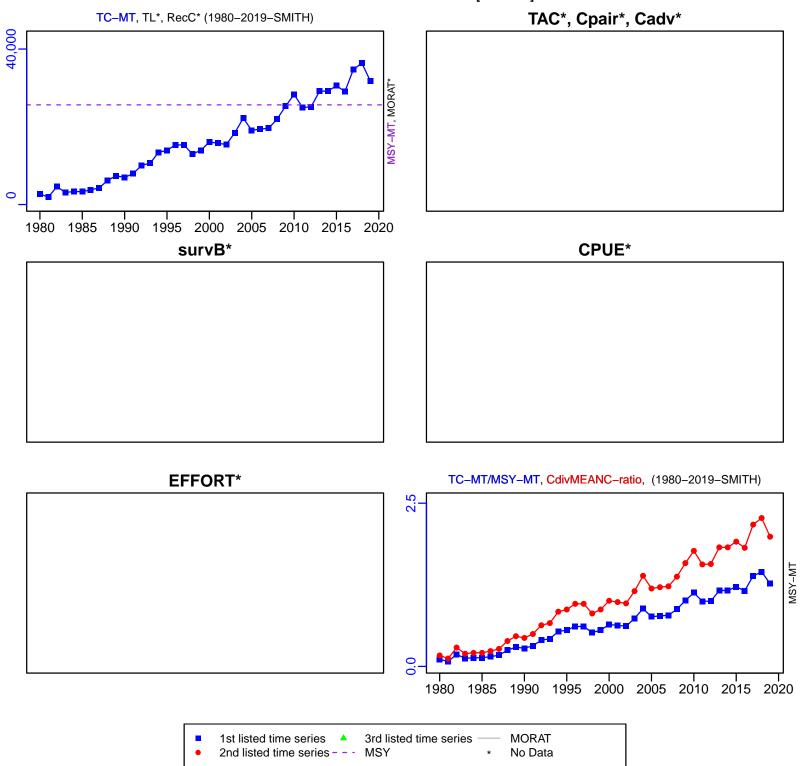
Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	-	-	-	
Fmsy	-	-	-	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	-	-	-	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	-	-	-	
MSY	MSY-MT	2019	23,900	
М	-	-	-	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	-	-	-	-	-
SSB	-	-	-	-	-
TN	-	-	-	-	-
R	-	-	-	-	-
F	-	-	-	-	-
ER	-	-	-	-	-
TC	TC-MT	2019	29,635		
TL	TL-MT	2018	32,287		
TB/TBmsy	TBdivTBmsy-dimensionless	2019	1.14		
SSB/SSBmsy	-	-	-		
F/Fmsy	FdivFmsy-dimensionless	2019	1.22		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		



Indo-Pacific sailfish Indian Ocean [IPSAILIO]

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

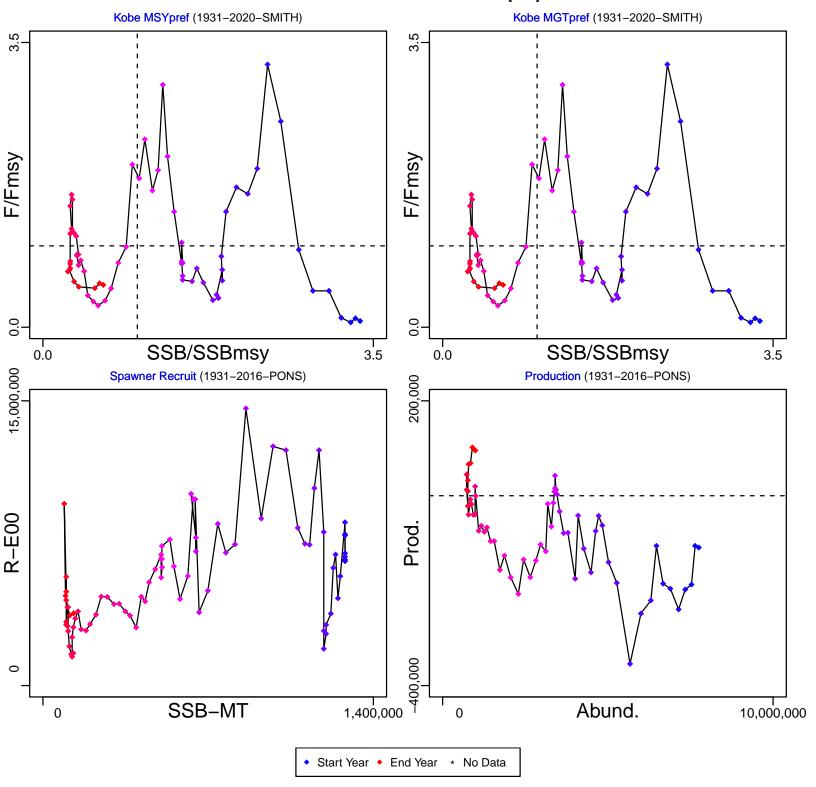


Southern bluefin tuna Southern Oceans [SBT]

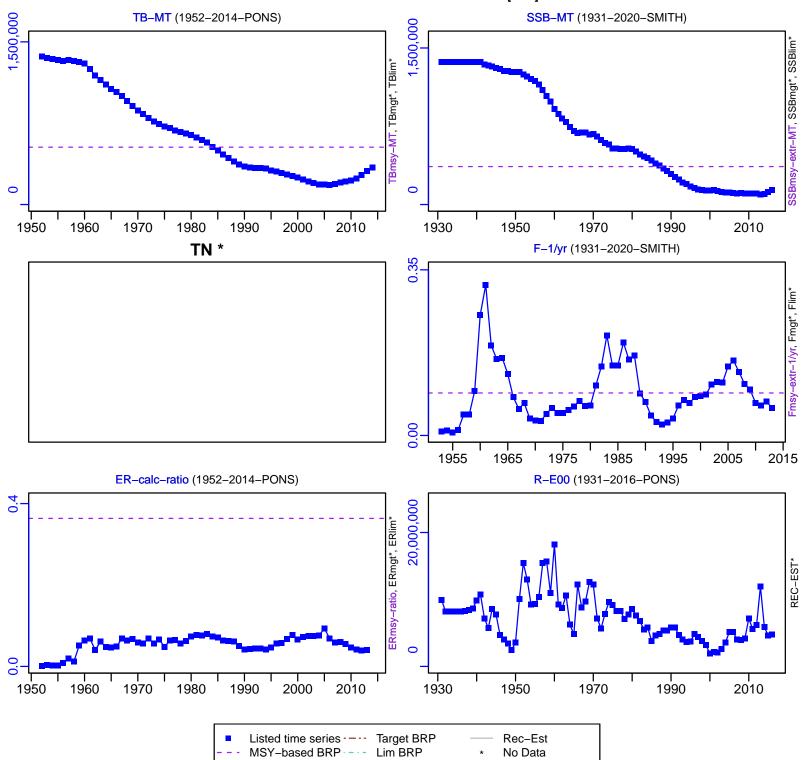
Metadata		
Scientific Name	Thunnus maccoyii	
Current Assess ID	CCSBT-SC-SBT-1931-2020-SMITH	
Area Southern Oceans		
Management Authority Commission for the Conservation of Southern Bluefin Tur		
Assessor	CCSBT Scientific Committee	
Asmts in RAM 2016, 2020, 2014		

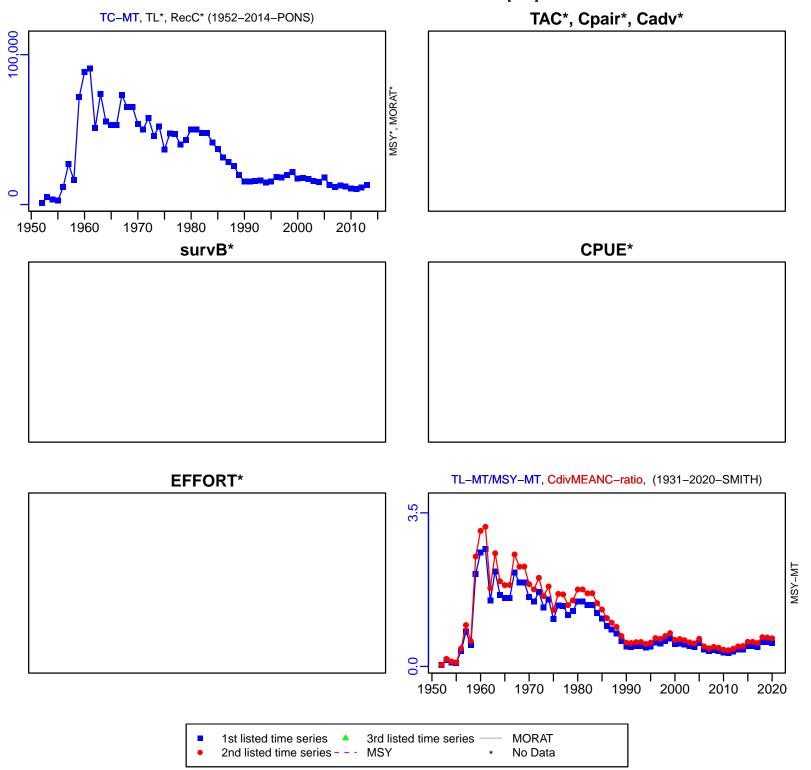
Reference Points			
Туре	ID	Asmt Year	Value
TBmsy	TBmsy-MT	2014	515,839
SSBmsy	SSBmsy-extr-MT	2020	341,425
Fmsy	Fmsy-extr-1/yr	2020	0.089
ERmsy	ERmsy-ratio	2014	0.355
TBmgt	-	-	-
SSBmgt	-	-	-
Fmgt	-	-	-
ERmgt	-	-	-
TB0	-	-	-
SSB0	SSB0-MT	2014	845,207
MSY	MSY-MT	2020	33,207
M	-	-	-
TBlim	-	-	-
SSBlim	-	-	-
Flim	-	-	-
ERlim	-	-	-

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2016	1,070,000	-	-
SSB	SSB-MT	2020	130,000	Females	-
TN	-	-	-	-	-
R	R-E00	2016	3,810,000	-	-
F	F-1/yr	2020	0.058	-	-
ER	ER-calc-ratio	2016	0.013	-	-
TC	TC-MT	2014	11,700		
TL	TL-MT	2020	16,441		
TB/TBmsy	TBdivTBmsy-dimensionless	2014	0.653		
SSB/SSBmsy	SSBdivSSBmsy-dimensionless	2020	0.69		
F/Fmsy	FdivFmsy-dimensionless	2020	0.52		
ER/ERmsy	ER-calc-ratio/ERmsy-ratio	2014	0.11		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		



Southern bluefin tuna Southern Oceans [SBT]

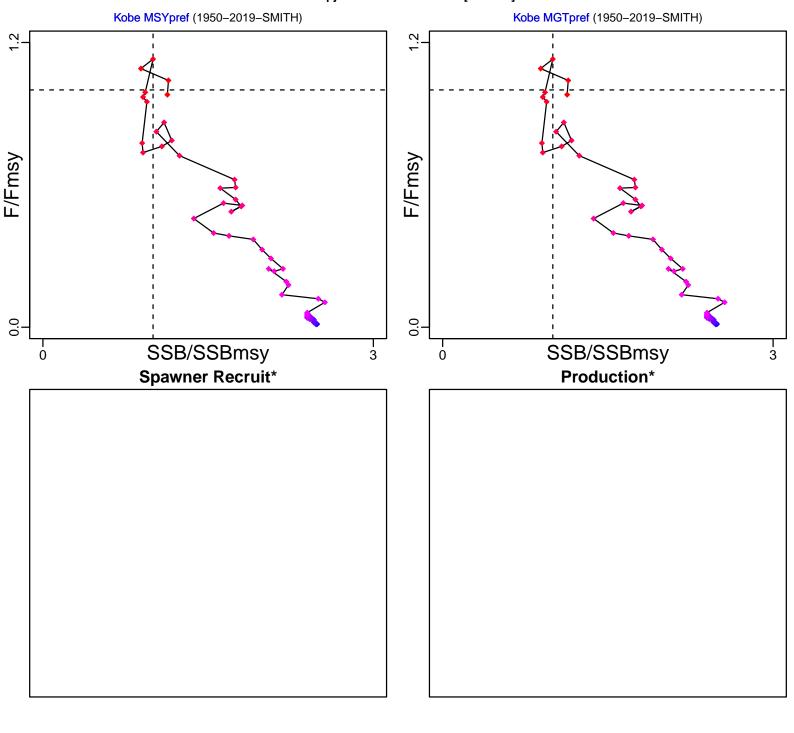


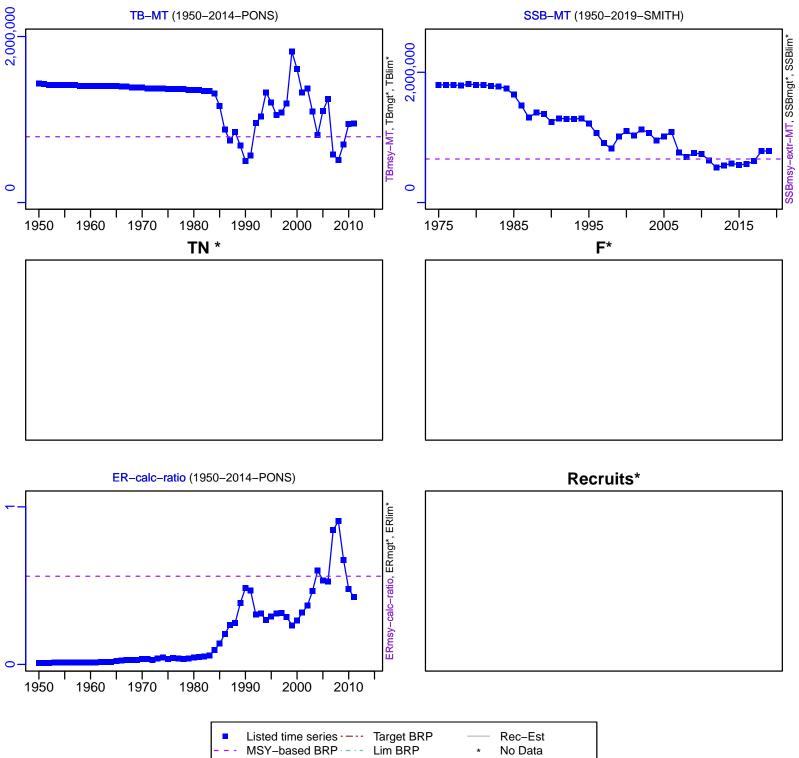


Metadata		
Scientific Name Katsuwonus pelamis		
Current Assess ID	IOTC-SKJCIO-1950-2019-SMITH	
Area Indian Ocean		
Management Authority Indian Ocean Tuna Commission		
Assessor Indian Ocean Tuna Commission		
Asmts in RAM	2014, 2016, 2019	

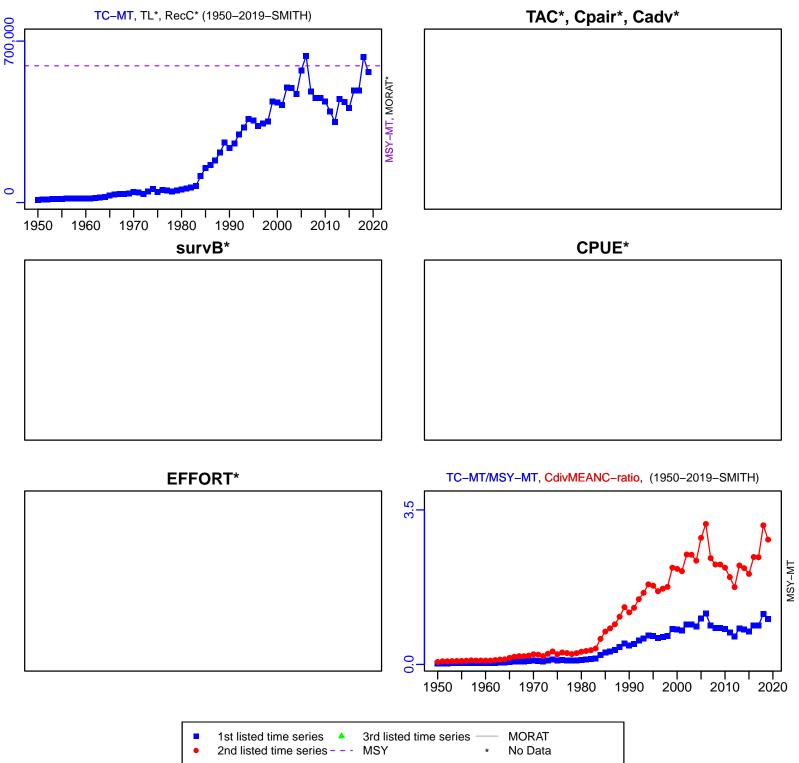
Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	TBmsy-MT	2014	788,806	
SSBmsy	SSBmsy-extr-MT	2019	521,631	
Fmsy	-	-	-	
ERmsy	ERmsy-calc-ratio	2014	0.529	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	-	-	-	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	-	-	-	
MSY	MSY-MT	2019	574,000	
М	-	-	-	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2014	947,000	-	-
SSB	SSB-MT	2019	615,000	-	-
TN	-	-	-	-	-
R	-	-	-	-	-
F	-	-	-	-	-
ER	ER-calc-ratio	2014	0.404	-	-
TC	TC-MT	2019	547,248		
TL	TL-MT	2016	471,000		
TB/TBmsy	TBdivTBmsy-dimensionless	2014	1.15		
SSB/SSBmsy	SSBdivSSBmsy-dimensionless	2019	1.13		
F/Fmsy	FdivFmsy-dimensionless	2019	0.98		
ER/ERmsy	ER-calc-ratio/ERmsy-calc-ratio	2014	0.765		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		





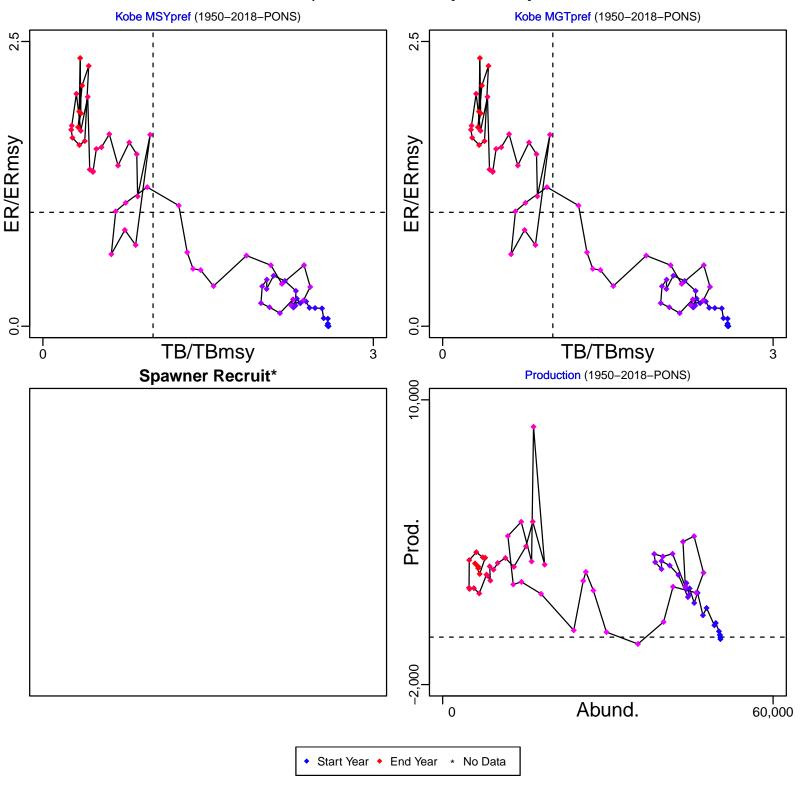
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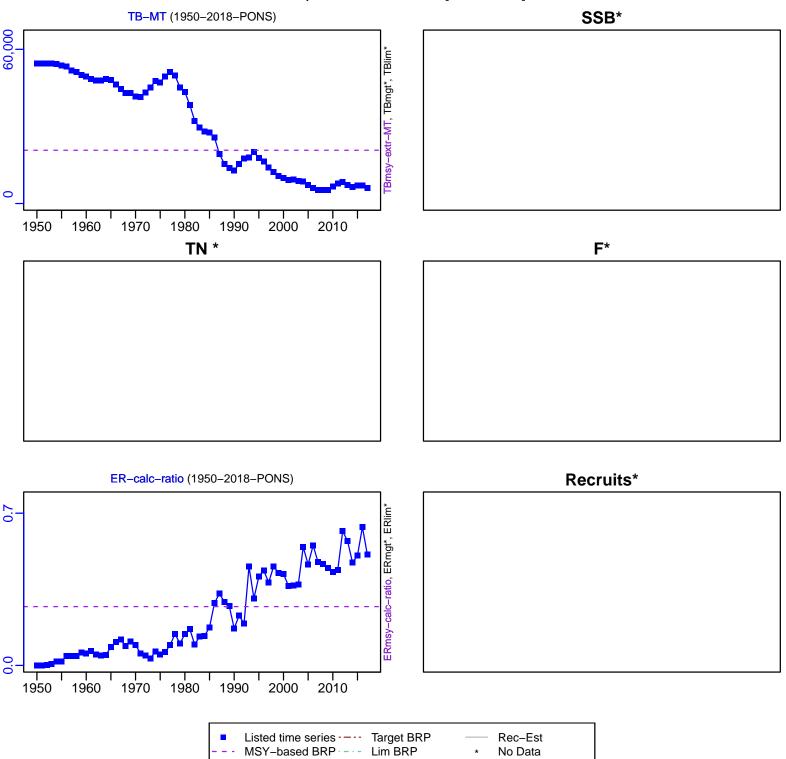


Metadata			
Scientific Name	Kajikia audax		
Current Assess ID IOTC-STMARLINIO-1950-2018-PONS			
Area Indian Ocean			
Management Authority Indian Ocean Tuna Commission			
Assessor	Indian Ocean Tuna Commission		
Asmts in RAM	2014, 2018		

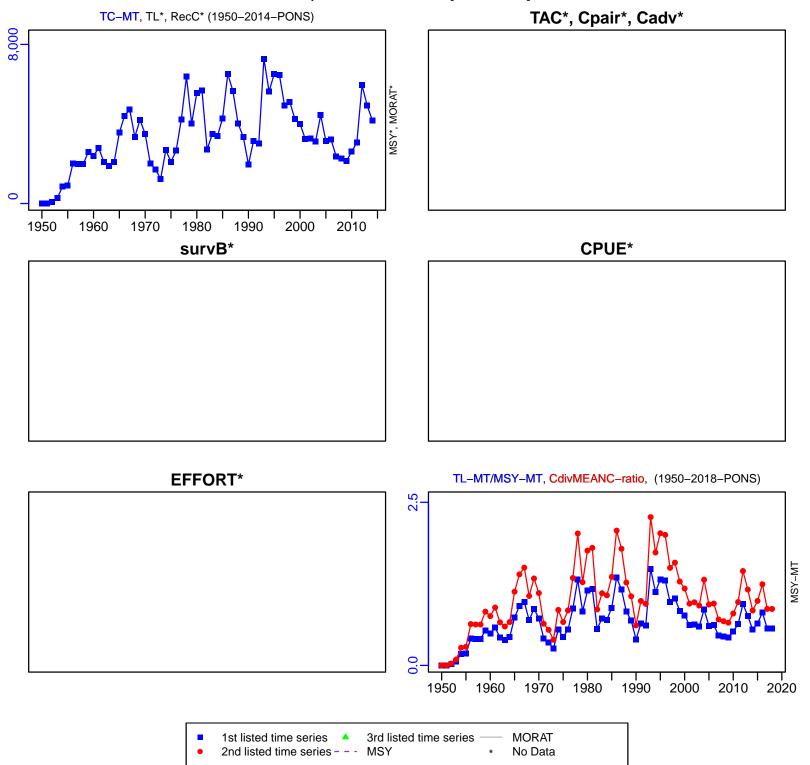
Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	TBmsy-extr-MT	2018	19,169	
SSBmsy	-	-	-	
Fmsy	-	-	-	
ERmsy	ERmsy-calc-ratio	2018	0.247	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	-	-	-	
ERmgt	-	-	-	
TB0	TB0-MT	2014	61,450	
SSB0	-	-	-	
MSY	MSY-MT	2018	4730	
M	-	-	-	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2018	5610	-	-
SSB	-	-	-	-	-
TN	-	-	-	-	-
R	-	-	-	-	-
F	-	-	-	-	-
ER	ER-calc-ratio	2018	0.465	-	-
TC	TC-MT	2014	3990		
TL	TL-MT	2018	2604		
TB/TBmsy	TBdivTBmsy-dimensionless	2018	0.33		
SSB/SSBmsy	-	-	-		
F/Fmsy	FdivFmsy-dimensionless	2018	1.99		
ER/ERmsy	ER-calc-ratio/ERmsy-calc-ratio	2018	1.884		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		





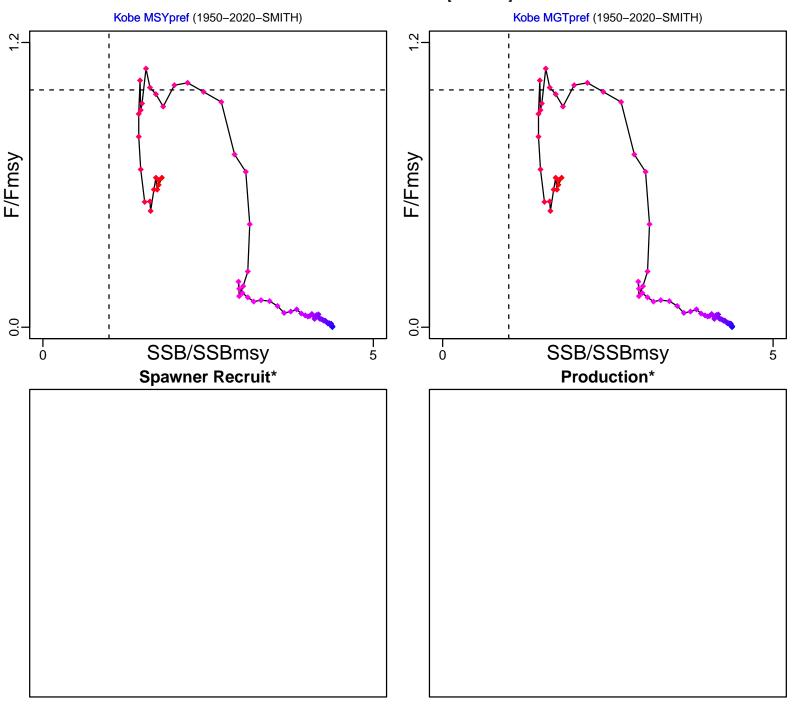
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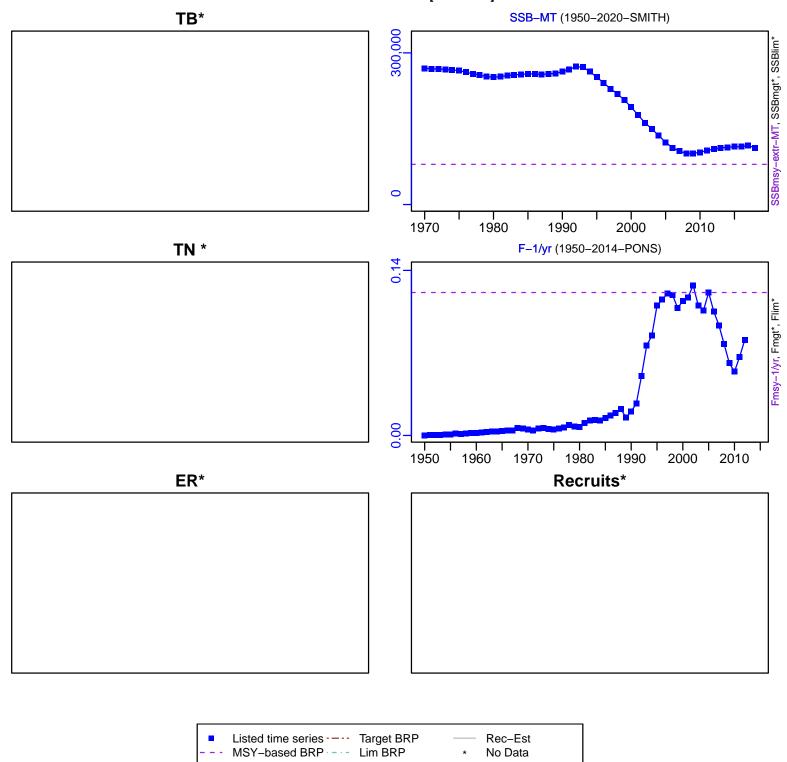
Metadata		
Scientific Name	Xiphias gladius	
Current Assess ID	IOTC-SWORDIO-1950-2020-SMITH	
Area	Indian Ocean	
Management Authority	Indian Ocean Tuna Commission	
Assessor	Indian Ocean Tuna Commission	
Asmts in RAM	2014, 2018, 2020	

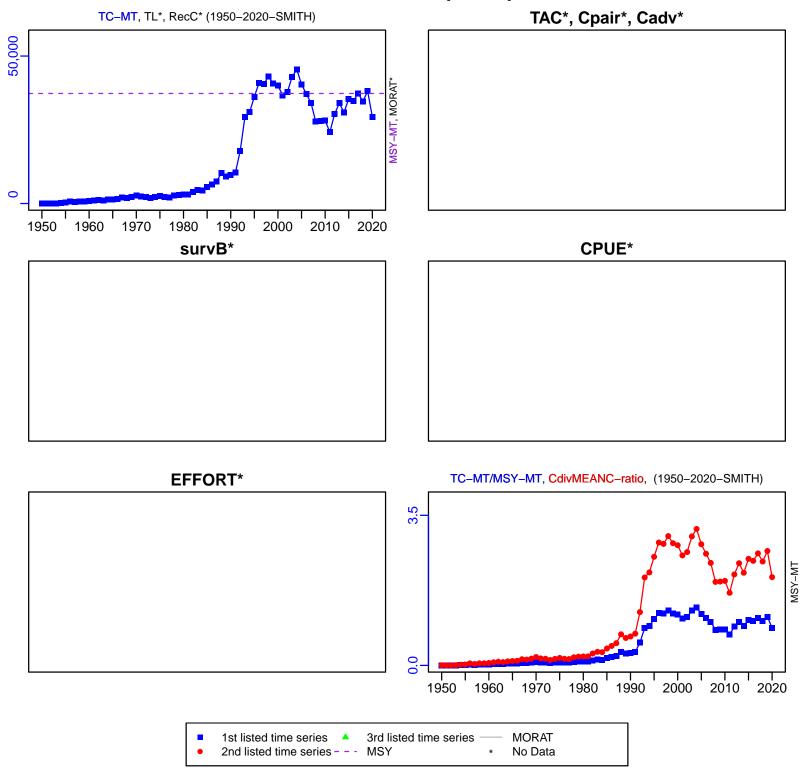
Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	SSBmsy-extr-MT	2020	72,256	
Fmsy	Fmsy-1/yr	2014	0.12	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	-	-	-	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	-	-	-	
MSY	MSY-MT	2020	33,000	
М	-	-	-	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	-	-	-	-	-
SSB	SSB-MT	2020	102,000	-	-
TN	-	-	-	-	-
R	-	-	-	-	-
F	F-1/yr	2014	0.08	-	-
ER	-	-	-	-	-
TC	TC-MT	2020	26,005		
TL	TL-MT	2018	30,844		
TB/TBmsy	-	-	-		
SSB/SSBmsy	SSBdivSSBmsy-dimensionless	2020	1.75		
F/Fmsy	FdivFmsy-dimensionless	2020	0.6		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		



Start Year • End Year * No Data





Metadata		
Scientific Name	Thunnus albacares	
Current Assess ID IOTC-YFINEIO-1950-2020-SMITH		
Area Indian Ocean		
Management Authority Indian Ocean Tuna Commissi		
Assessor	Indian Ocean Tuna Commission	
Asmts in RAM 2014, 2016, 2020		

Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	TBmsy-MT	2014	1,346,000	
SSBmsy	SSBmsy-extr-MT	2020	975,055	
Fmsy	-	-	-	
ERmsy	ERmsy-calc-ratio	2014	0.255	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	-	-	-	
ERmgt	-	-	-	
TB0	TB0-MT	2014	3,596,000	
SSB0	SSB0-MT	2014	2,910,000	
MSY	MSY-MT	2020	394,000	
M	-	-	-	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	-	-	-	-	-
SSB	SSB-MT	2020	883,400	-	-
TN	-	-	-	-	-
R	R-E00	2014	99,700,000	-	-
F	-	-	-	-	-
ER	-	-	-	-	-
TC	TC-MT	2020	432,623		
TL	TL-MT	2016	427,000		
TB/TBmsy	-	-	-		
SSB/SSBmsy	SSBdivSSBmsy-dimensionless	2020	0.78		
F/Fmsy	FdivFmsy-dimensionless	2020	1.27		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

