South America Stocks

v4.44 (Dec-21-2018)

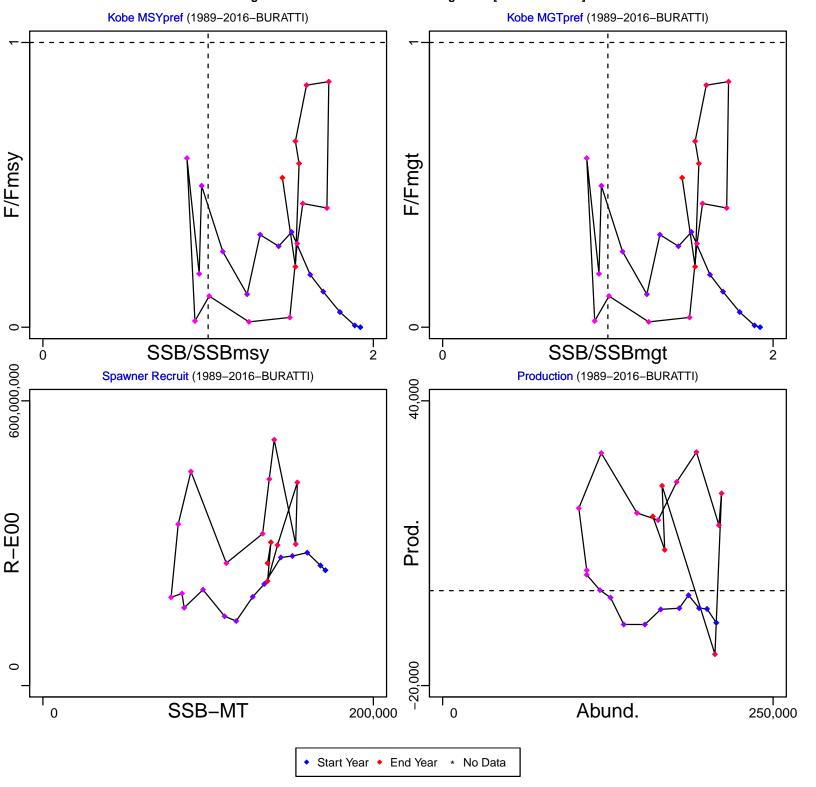
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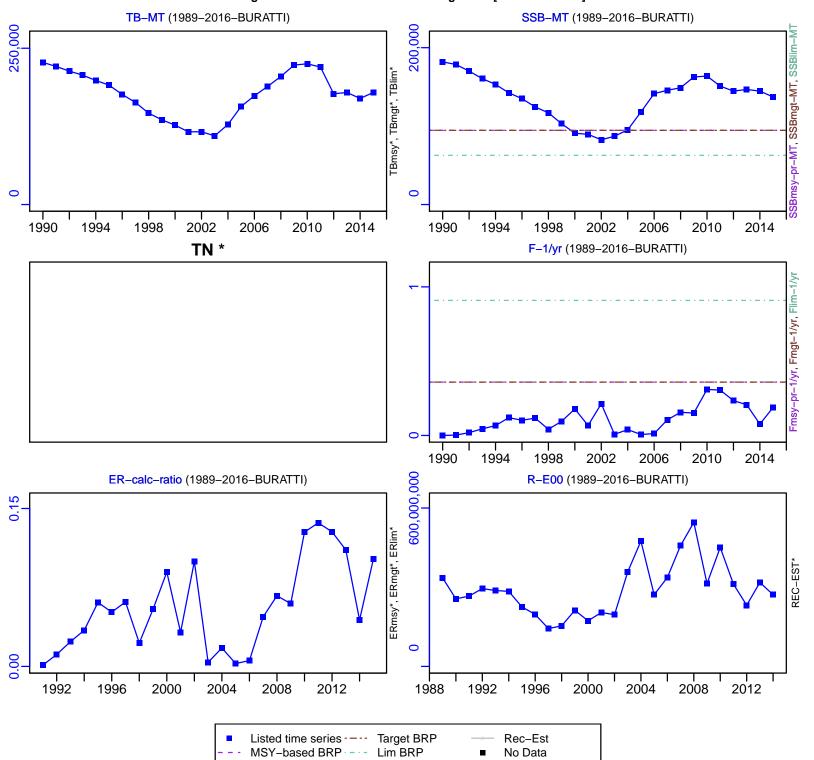
	Time Series Types			
Stock	B/Bmsy	U/Umsy	B/Bmgt	U/Umgt
ACMACKSARG [Argentine chub mackerel Southern Argentina]	TB SSB	ER F	TB SSB	ER F
2. AFLONCH [Alfonsino Chile]	TB SSB	ER F	TB SSB	ER F
3. ARGANCHONARG [Argentine anchoita Northern Argentina]	TB SSB	ER F	TB SSB	ER F
4. ARGANCHOSARG [Argentine anchoita Southern Argentina]	TB SSB	ER F	TB SSB	ER F
5. ARGHAKENARG [Argentine hake Northern Argentina]	TB SSB	ER F	TB SSB	ER F
6. ARGHAKESARG [Argentine hake Southern Argentina]	TB SSB	ER F	TB SSB	ER F
7. BSQLOBSTERCSCH [Yellow squat lobster Central-Southern Chile]	TB SSB	ER F	TB SSB	ER F
8. BSQLOBSTERNCH [Yellow squat lobster Northern Chile]	TB SSB	ER F	TB SSB	ER F
9. CHERRCHVX [Chilean Herring Chile Region V-X]	TB SSB	ER F	TB SSB	ER F
10. CHTRACCH [Chilean jack mackerel Chilean EEZ and offshore]	TB SSB	ER F	TB SSB	ER F
11. CSARDCSCH [Chilean sardine Central-Southern Chile]	TB SSB	ER F	TB SSB	ER F
12. NSHRIMPCSCH [Nylon shrimp Central-Southern Chile]	TB SSB	ER F	TB SSB	ER F
13. NSHRIMPNCH [Nylon shrimp Northern Chile]	TB SSB	ER F	TB SSB	ER F
14. OROUGHYCH [Orange roughy Chile]	TB SSB	ER F	TB SSB	ER F
15. PANCHCCH [Peruvian Anchoveta Central Chile]	TB SSB	ER F	TB SSB	ER F
16. PANCHCSCH [Peruvian Anchoveta Central-Southern Chile]	TB SSB	ER F	TB SSB	ER F
17. PANCHNCHSP [Peruvian Anchoveta Northern Chile Southern Peru]	TB SSB	ER F	TB SSB	ER F
18. PANCHPERUNC [Peruvian anchoveta North-Central Peru]	TB SSB	ER F	TB SSB	ER F
19. PATGRENADIERCH [Patagonian grenadier Chile]	TB SSB	ER F	TB SSB	ER F
20. PATGRENADIERSARG [Patagonian grenadier Southern Argentina]	TB SSB	ER F	TB SSB	ER F
21. PCEELARGS [Pink Cusk-eel Southern Argentina]	TB SSB	ER F	TB SSB	ER F
22. PCEELCSCH [Pink cusk-eel Central-Southern Chile]	TB SSB	ER F	TB SSB	ER F
23. PCEELSCH [Pink cusk-eel Southern Chile]	TB SSB	ER F	TB SSB	ER F
24. PTOOTHFISHCH [Patagonian Toothfish Chile]	TB SSB	ER F	TB SSB	ER F
25. RSQLOBSTERCSCH [Red squat lobster Central-Southern Chile]	TB SSB	ER F	TB SSB	ER F
26. RSQLOBSTERNCH [Red squat lobster Northern Chile]	TB SSB	ER F	TB SSB	ER F
27. SBREAMCH [Deepwater Cardinalfish Chile]	TB SSB	ER F	TB SSB	ER F
28. SBWHITARGS [Southern blue whiting Southern Argentina]	TB SSB	ER F	TB SSB	ER F
29. SBWHITCH [Southern blue whiting Chile]	TB SSB	ER F	TB SSB	ER F
30. SOUTHHAKECH [Southern hake Chile]	TB SSB	ER F	TB SSB	ER F
31. SPHAKECH [South Pacific Hake Chile]	TB SSB	ER F	TB SSB	ER F
32. SSARDCH [Southern sardine Chile]	TB SSB	ER F	TB SSB	ER F
33. YNOSESKACSCH [Yellownose skate Central-Southern Chile]	TB SSB	ER F	TB SSB	ER F
34. YNOSESKASCH [Yellownose skate Southern Chile]	TB SSB	ER F	TB SSB	ER F

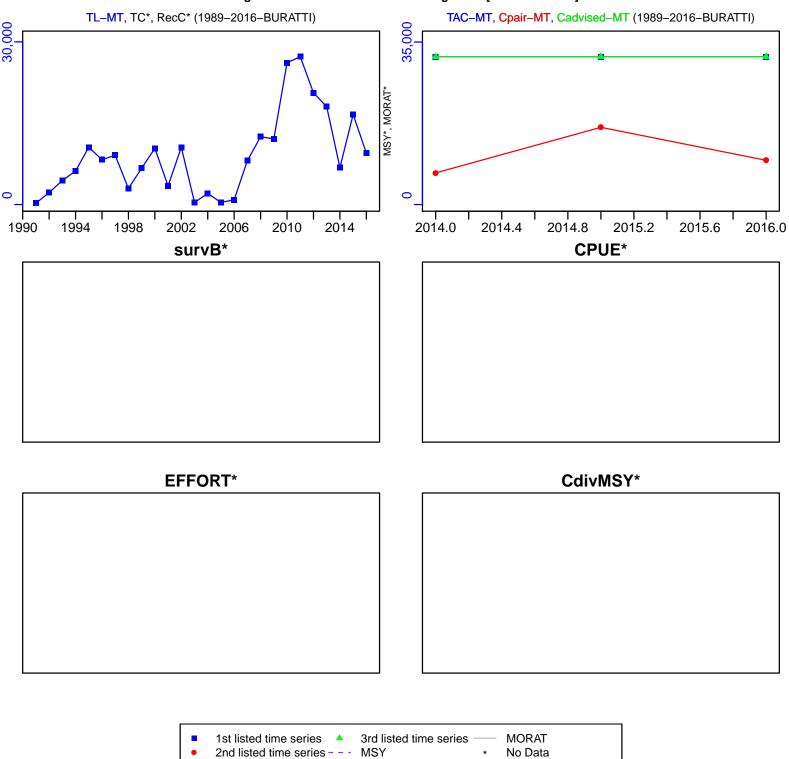
Metadata			
Scientific Name	Scomber colias		
Current Assess ID	INIDEP-ACMACKSARG-1989-2016-BURATTI		
Area	Southern Argentina		
Management Authority	Consejo Federal Pesquero, Argentina national management		
Assessor	Instituto Nacional de Investigacion y Desarrollo Pesquero		
Asmts in RAM	2016		

Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	SSBmsy-pr-MT	2016	89,000	
Fmsy	Fmsy-pr-1/yr	2016	0.32	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	SSBmgt-MT	2016	89,000	
Fmgt	Fmgt-1/yr	2016	0.32	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	-	-	-	
MSY	-	-	-	
М	M-1/yr	2016	0.38	
TBlim	-	-	-	
SSBlim	SSBlim-MT	2016	59,000	
Flim	Flim-1/yr	2016	0.81	
ERlim	-	-	-	

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2016	168,000	-	-
SSB	SSB-MT	2016	129,000	Both	1 to 10
TN	-	-	-	-	-
R	R-E00	2016	2.58×10^{8}	Both	1
F	F-1/yr	2016	0.168	Both	1 to 10
ER	ER-calc-ratio	2016	0.096	Both	-
TC	-	-	-		
TL	TL-MT	2016	9280		
TB/TBmsy	-	-	-		
SSB/SSBmsy	SSB-MT/SSBmsy-pr-MT	2016	1.449		
F/Fmsy	F-1/yr/Fmsy-pr-1/yr	2016	0.525		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2016	1.449		
F/Fmgt	F-1/yr/Fmgt-1/yr	2016	0.525		
ER/ERmgt	-	-	-		





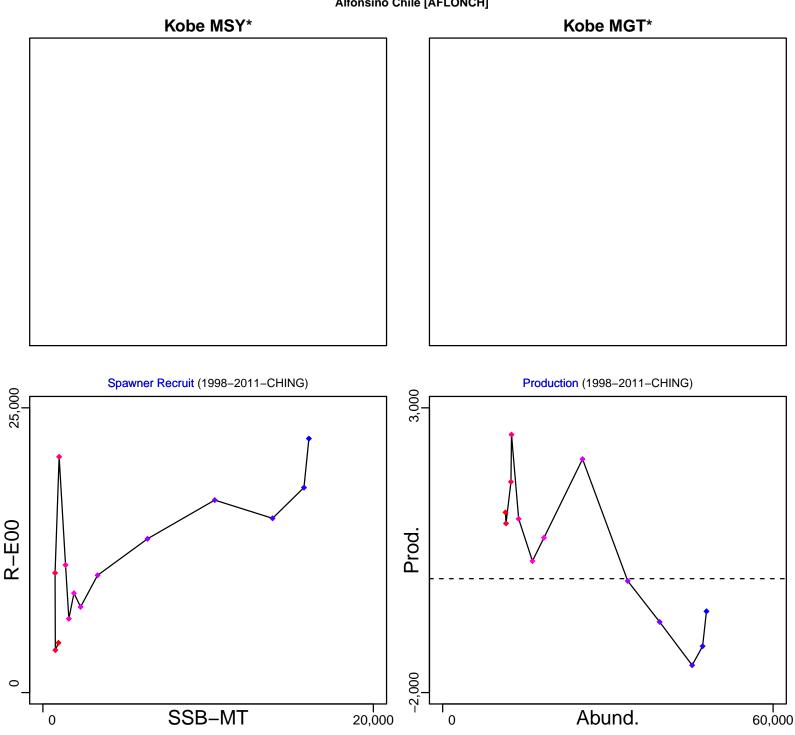


Alfonsino Chile [AFLONCH]

Metadata			
Scientific Name	Beryx splendens		
Current Assess ID	SPRFMO-AFLONCH-1998-2011-CHING		
Area	Chilean EEZ and offshore		
Management Authority	South Pacific Regional Fisheries Management Organization		
Assessor	South Pacific Regional Fisheries Management Organization		
Asmts in RAM	2011		

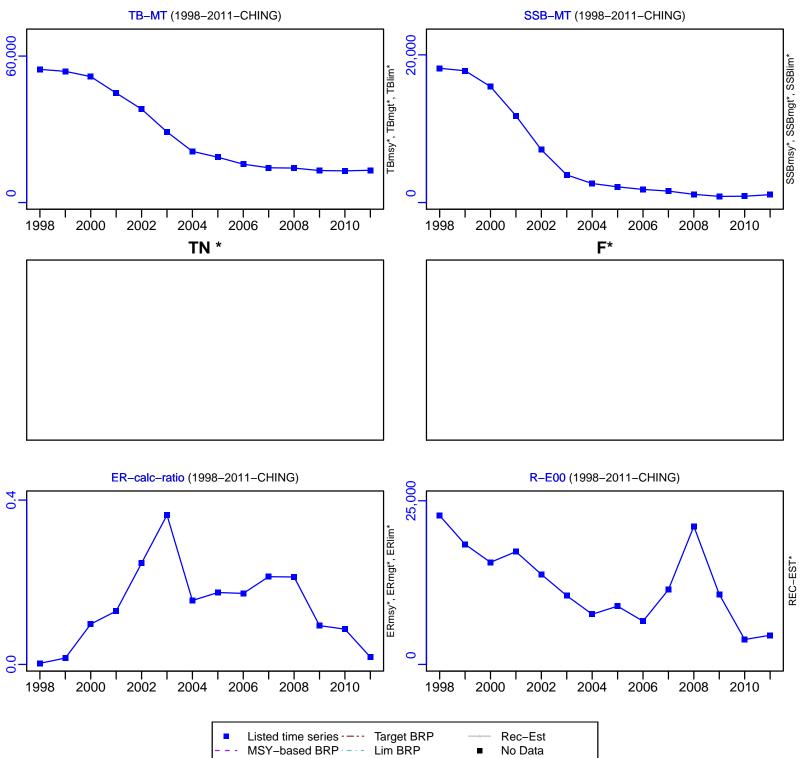
Reference Points					
Туре	ID	Asmt Year	Value		
TBmsy	-	-	-		
SSBmsy	-	-	-		
Fmsy	-	-	-		
ERmsy	-	-	-		
TBmgt	-	-	-		
SSBmgt	-	-	-		
Fmgt	-	-	-		
ERmgt	-	-	-		
TB0	-	-	-		
SSB0	-	-	-		
MSY	-	-	-		
М	-	-	-		
TBlim	-	-	-		
SSBlim	-	-	-		
Flim	-	-	-		
ERlim	-	-	-		

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2011	11,600	-	-
SSB	SSB-MT	2011	944	-	-
TN	-	-	-	-	-
R	R-E00	2011	4370	-	-
F	-	-	-	-	-
ER	ER-calc-ratio	2011	0.018	-	-
TC	-	-	-		
TL	TL-MT	2011	204		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

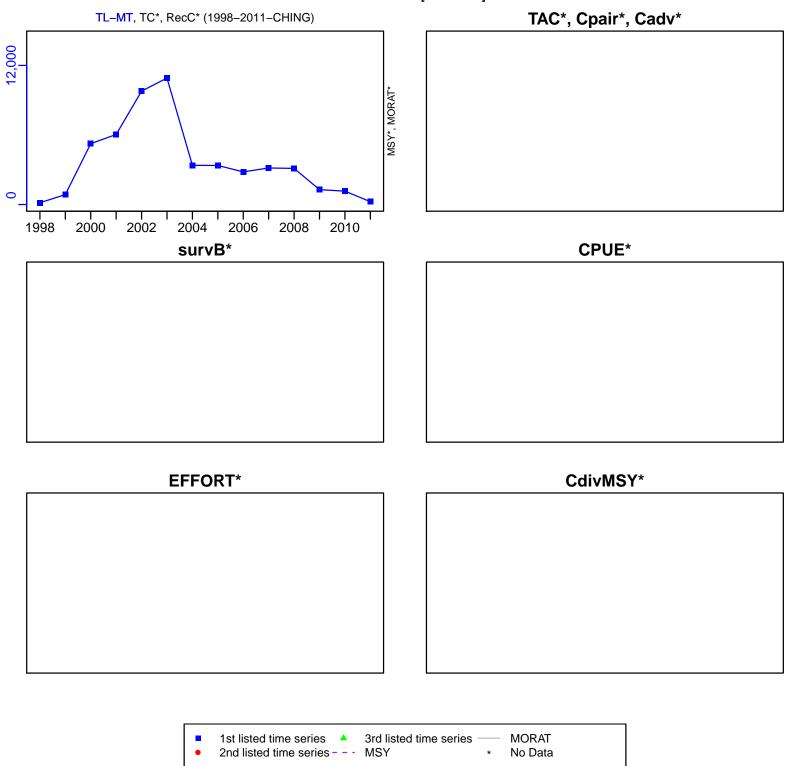


Start Year → End Year → No Data

Alfonsino Chile [AFLONCH]



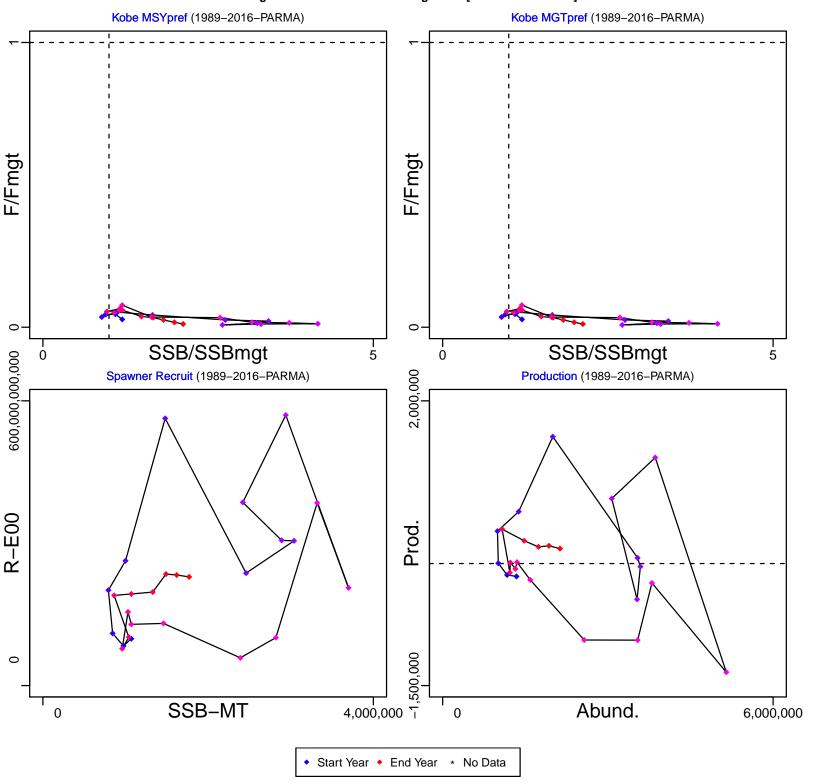
Alfonsino Chile [AFLONCH]

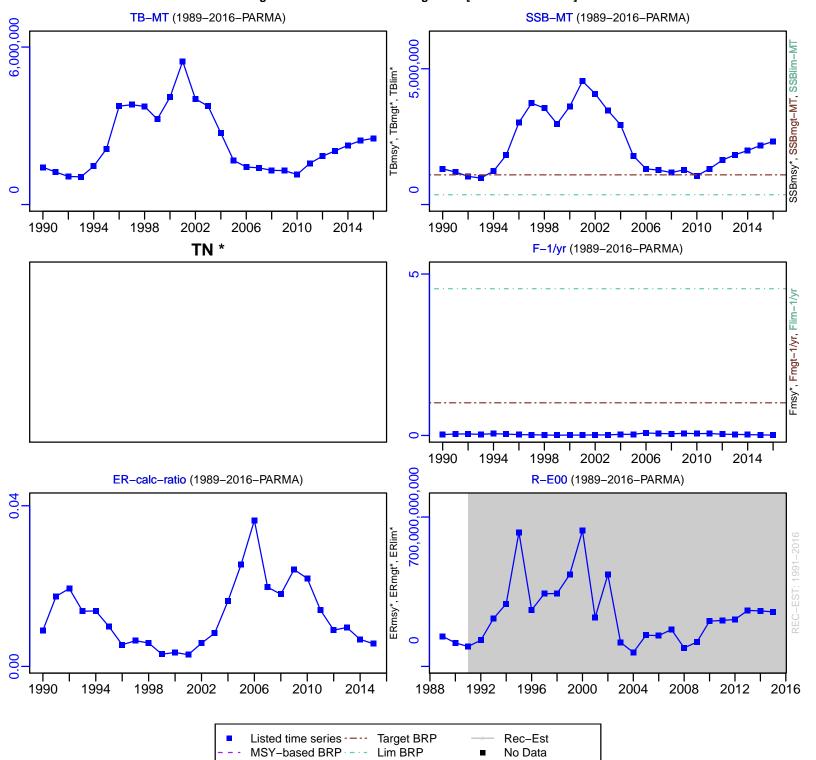


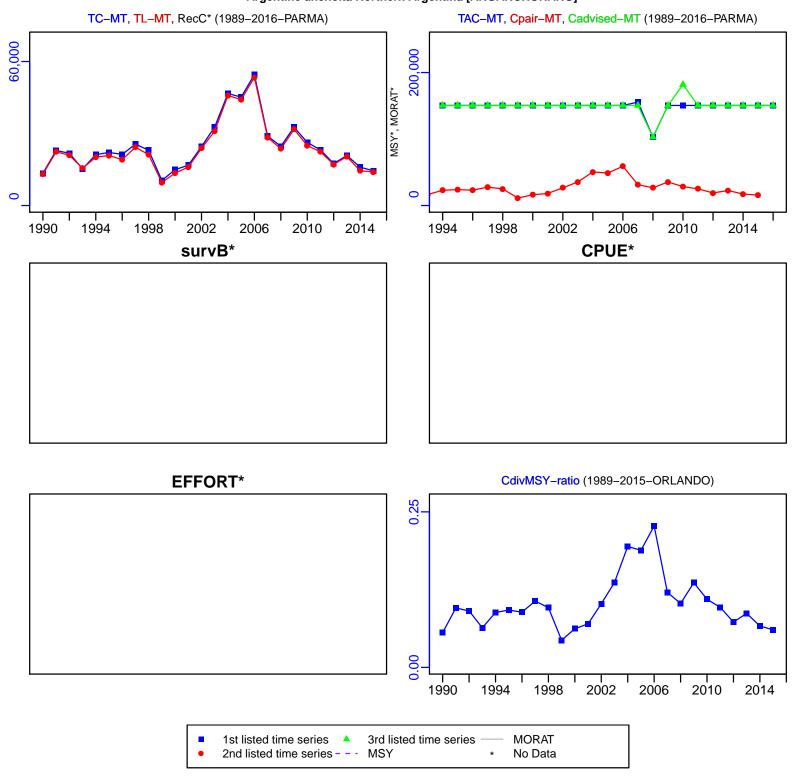
Metadata			
Scientific Name	Engraulis anchoita		
Current Assess ID	INIDEP-ARGANCHONARG-1989-2016-PARMA		
Area	Northern Argentina		
Management Authority	Consejo Federal Pesquero, Argentina national management		
Assessor	Instituto Nacional de Investigacion y Desarrollo Pesquero		
Asmts in RAM	2007, 2015, 2016		

Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	TBmsy-MT	2007	1,047,948	
SSBmsy	SSBmsy-MT	2007	748,152	
Fmsy	Fmsy-1/yr	2007	0.19	
ERmsy	ERmsy-ratio	2007	0.405	
TBmgt	-	-	-	
SSBmgt	SSBmgt-MT	2016	890,000	
Fmgt	Fmgt-1/yr	2016	0.98	
ERmgt	-	-	-	
TB0	TB0-MT	2016	3,370,285	
SSB0	SSB0-MT	2016	2,196,036	
MSY	MSY-MT	2015	222,163	
М	M-1/yr	2016	1.01	
TBlim	-	-	-	
SSBlim	SSBlim-MT	2016	293,000	
Flim	Flim-1/yr	2016	4.4	
ERlim	-	-	-	

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2016	2,380,000	Both	1+
SSB	SSB-MT	2016	1,890,000	Both	2+
TN	-	-	-	-	-
R	R-E00	2016	2.29×10^{11}	Both	1
F	F-1/yr	2016	0.011	Both	-
ER	ER-calc-ratio	2016	0.005	-	-
TC	TC-MT	2016	12,500		
TL	TL-MT	2016	12,100		
TB/TBmsy	TB-MT/TBmsy-MT	2007	1.088		
SSB/SSBmsy	SSB-MT/SSBmsy-MT	2007	1.363		
F/Fmsy	F-1/yr/Fmsy-1/yr	2007	0.169		
ER/ERmsy	ER-ratio/ERmsy-ratio	2007	0.053		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2016	2.121		
F/Fmgt	F-1/yr/Fmgt-1/yr	2016	0.011		
ER/ERmgt	-	-	-		



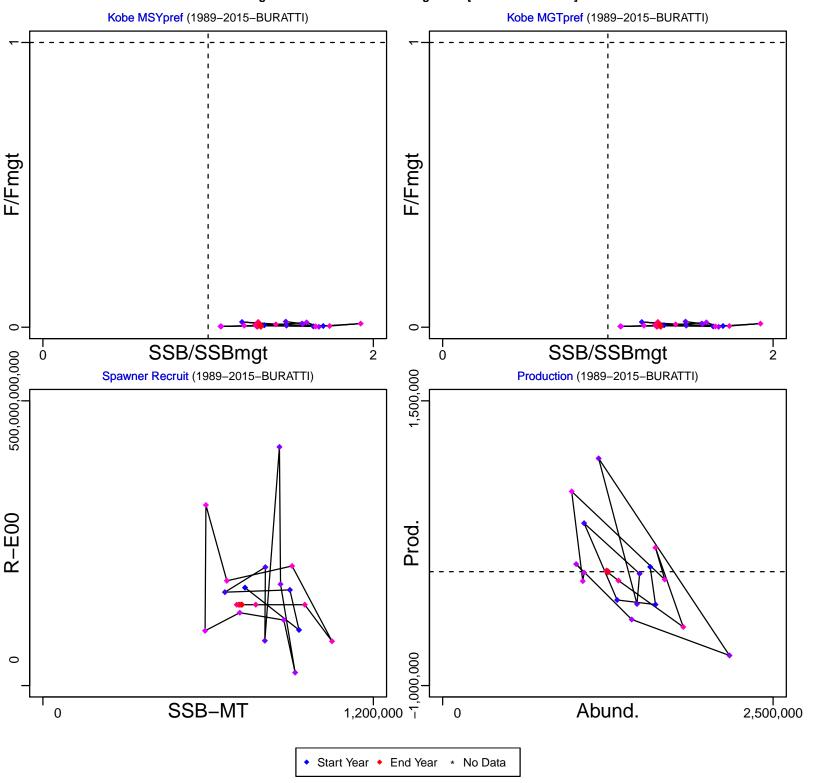


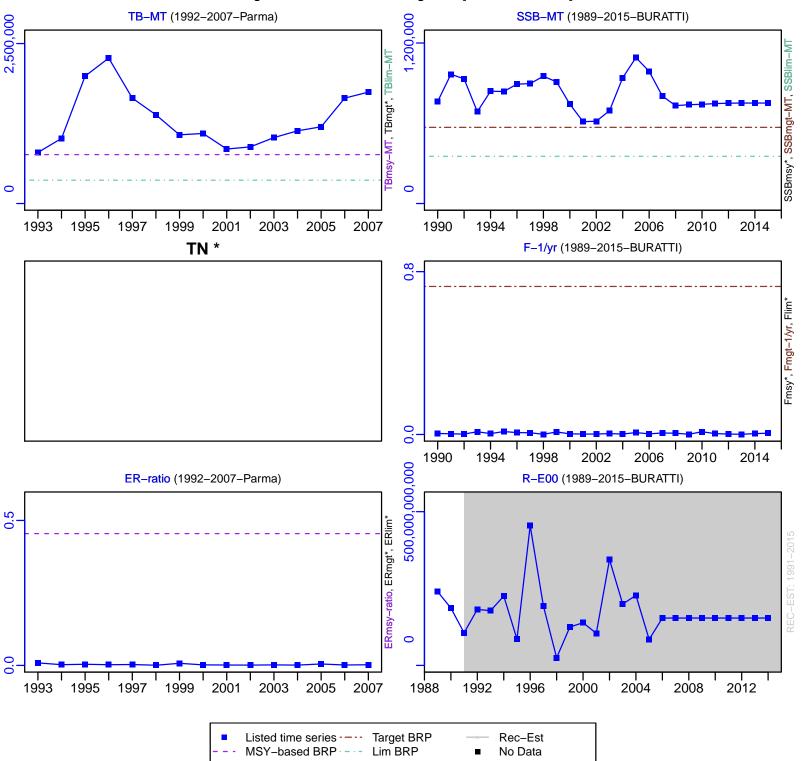


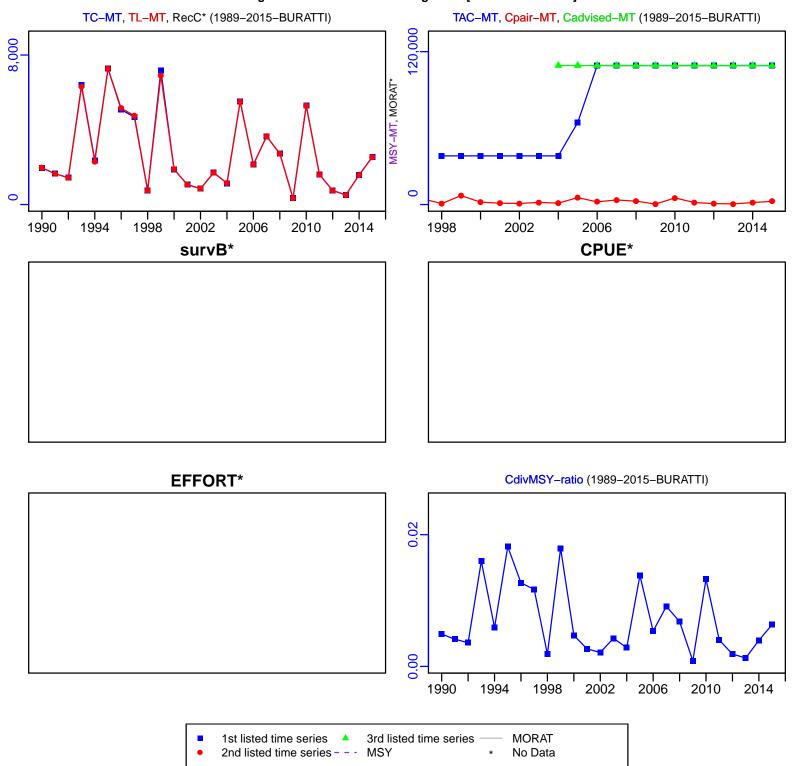
Metadata			
Scientific Name	Engraulis anchoita		
Current Assess ID	INIDEP-ARGANCHOSARG-1989-2015-BURATTI		
Area	Southern Argentina		
Management Authority	Consejo Federal Pesquero, Argentina national management		
Assessor	Instituto Nacional de Investigacion y Desarrollo Pesquero		
Asmts in RAM	2015, 2007		

Reference Points					
Туре	ID	Asmt Year	Value		
TBmsy	TBmsy-MT	2007	733,419		
SSBmsy	SSBmsy-MT	2007	298,839		
Fmsy	Fmsy-1/yr	2007	0.17		
ERmsy	ERmsy-ratio	2007	0.395		
TBmgt	-	-	-		
SSBmgt	SSBmgt-MT	2015	548,161		
Fmgt	Fmgt-1/yr	2015	0.71		
ERmgt	-	-	-		
TB0	-	-	-		
SSB0	-	-	-		
MSY	MSY-MT	2015	454,000		
M	M-1/yr	2015	0.98		
TBlim	TBlim-MT	2007	350,000		
SSBlim	SSBlim-MT	2015	339,700		
Flim	-	-	-		
ERlim	-	-	-		

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2015	1,250,000	Both	1+
SSB	SSB-MT	2015	723,000	Both	2+
TN	-	-	-	-	-
R	R-E00	2015	1.42×10^{11}	Both	1
F	F-1/yr	2015	0.006	Both	1 to 6
ER	ER-calc-ratio	2015	0.002	-	-
TC	TC-MT	2015	2280		
TL	TL-MT	2015	2280		
TB/TBmsy	TB-MT/TBmsy-MT	2007	2.277		
SSB/SSBmsy	SSB-MT/SSBmsy-MT	2007	3.135		
F/Fmsy	F-1/yr/Fmsy-1/yr	2007	0.035		
ER/ERmsy	ER-ratio/ERmsy-ratio	2007	0.005		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2015	1.318		
F/Fmgt	F-1/yr/Fmgt-1/yr	2015	0.008		
ER/ERmgt	-	-	-		



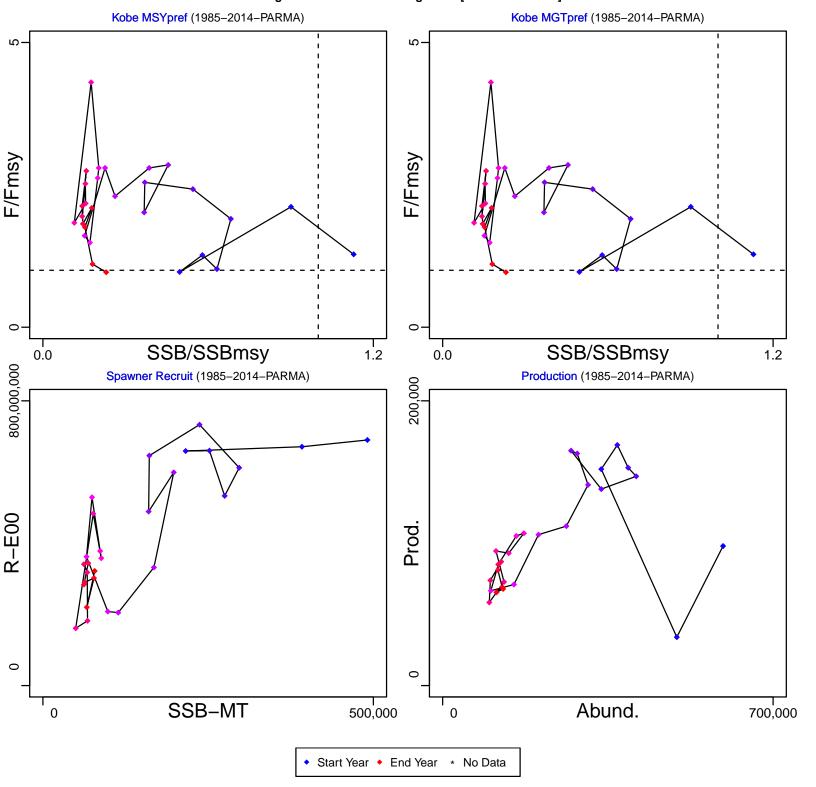


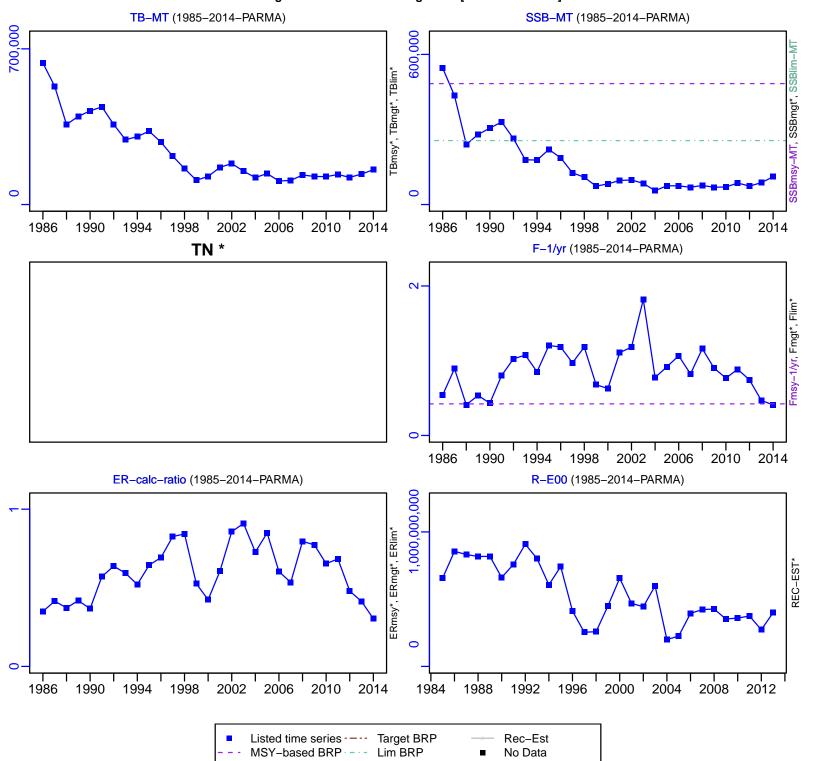


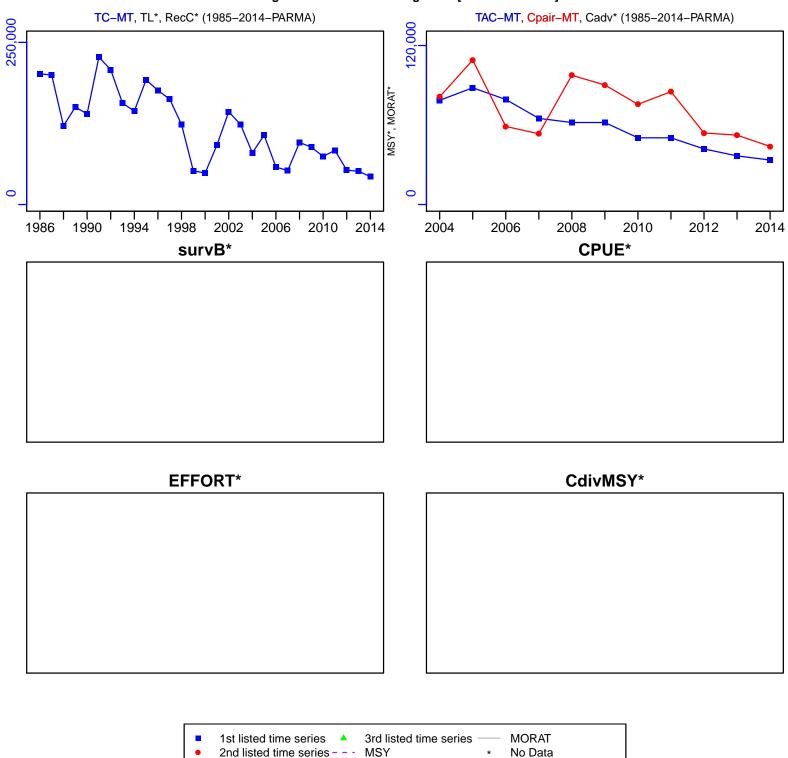
Metadata				
Scientific Name	Merluccius hubbsi			
Current Assess ID	INIDEP-ARGHAKENARG-1985-2014-PARMA			
Area	Northern Argentina			
Management Authority	Consejo Federal Pesquero, Argentina national management			
Assessor	Instituto Nacional de Investigacion y Desarrollo Pesquero			
Asmts in RAM	2014, 2011			

Reference Points					
Туре	ID	Asmt Year	Value		
TBmsy	-	-	-		
SSBmsy	SSBmsy-MT	2014	435,082		
Fmsy	Fmsy-1/yr	2014	0.379		
ERmsy	-	-	-		
TBmgt	-	-	-		
SSBmgt	-	-	-		
Fmgt	-	-	-		
ERmgt	-	-	-		
TB0	-	-	-		
SSB0	-	-	-		
MSY	-	-	-		
M	M-1/yr	2014	0.3		
TBlim	-	-	-		
SSBlim	SSBlim-MT	2014	230,000		
Flim	-	-	-		
ERlim	-	-	-		

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2014	146,000	Both	-
SSB	SSB-MT	2014	1×10^5	-	-
TN	-	-	-	-	-
R	R-E00	2014	3.22×10^{8}	-	-
F	F-1/yr	2014	0.366	Both	3 to 6
ER	ER-calc-ratio	2014	0.286	-	-
TC	TC-MT	2014	41,800		
TL	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	SSB-MT/SSBmsy-MT	2014	0.23		
F/Fmsy	F-1/yr/Fmsy-1/yr	2014	0.966		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		



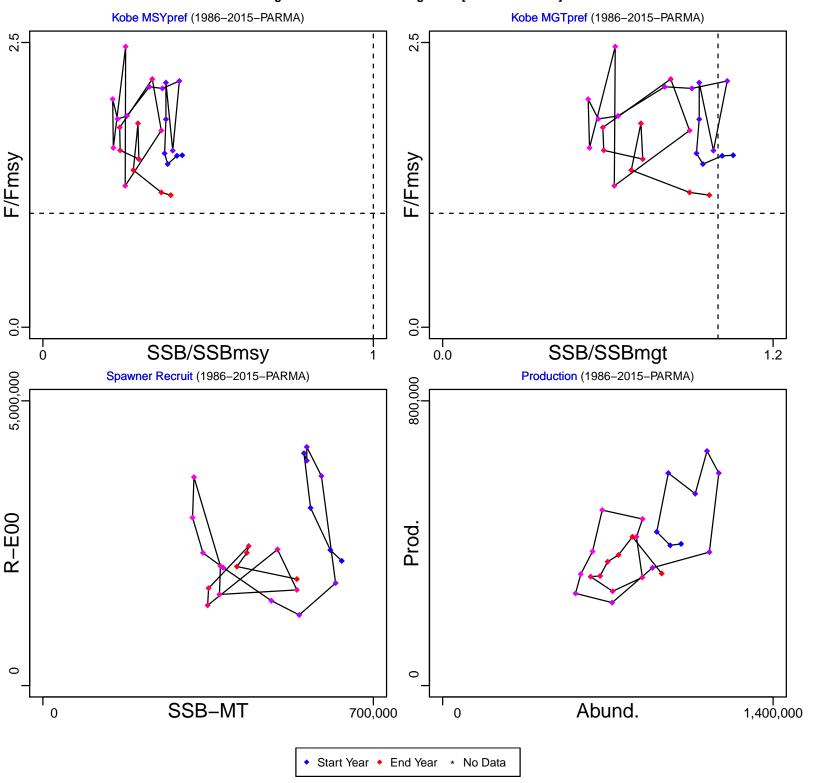


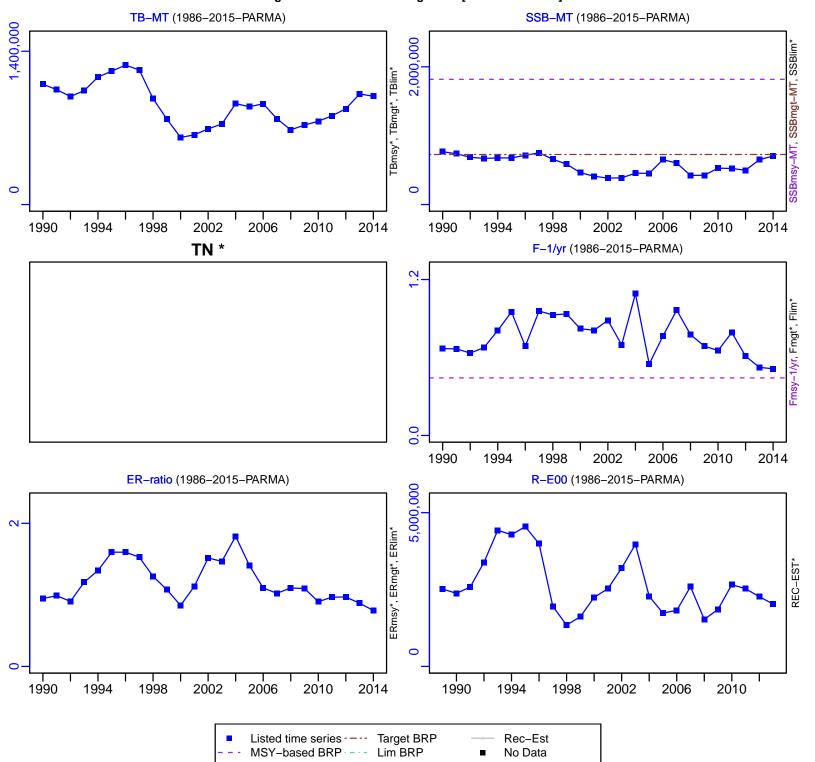


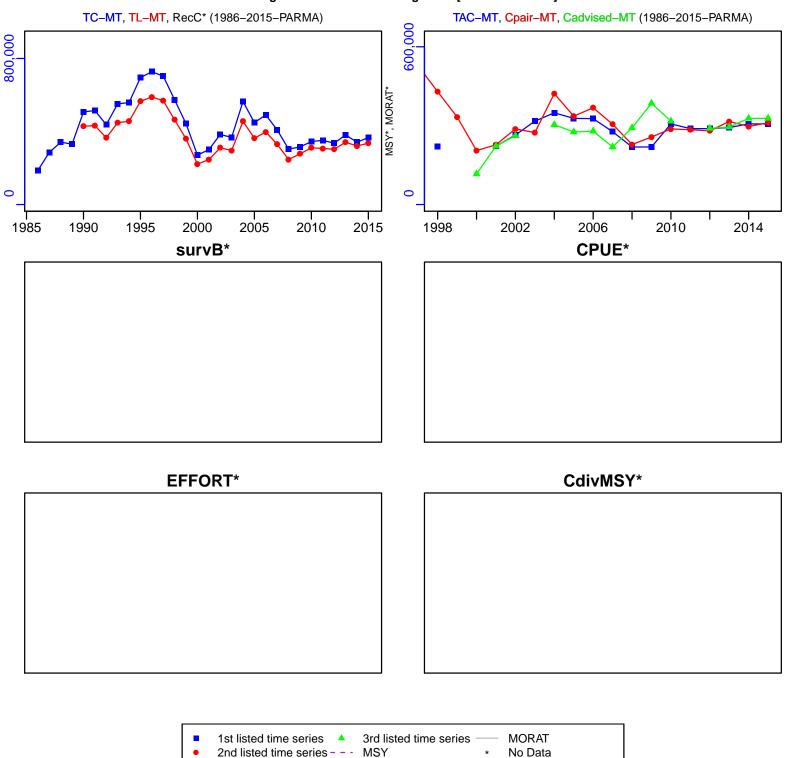
Metadata				
Scientific Name	Merluccius hubbsi			
Current Assess ID	INIDEP-ARGHAKESARG-1986-2015-PARMA			
Area	Southern Argentina			
Management Authority	Consejo Federal Pesquero, Argentina national management			
Assessor	Instituto Nacional de Investigacion y Desarrollo Pesquero			
Asmts in RAM	2015, 2011			

Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	SSBmsy-MT	2015	1,501,500	
Fmsy	Fmsy-1/yr	2015	0.414	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	SSBmgt-MT	2015	6×10^5	
Fmgt	-	-	-	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	-	-	-	
MSY	-	-	-	
М	M-1/yr	2015	0.3	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2015	909,000	-	-
SSB	SSB-MT	2015	581,000	-	-
TN	-	-	-	-	-
R	R-E00	2015	1,870,000	-	-
F	F-1/yr	2015	0.48	Both	3 to 6
ER	ER-ratio	2015	0.671	Both	-
TC	TC-MT	2015	321,000		
TL	TL-MT	2015	294,000		
TB/TBmsy	-	-	-		
SSB/SSBmsy	SSB-MT/SSBmsy-MT	2015	0.387		
F/Fmsy	F-1/yr/Fmsy-1/yr	2015	1.159		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2015	0.968		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		



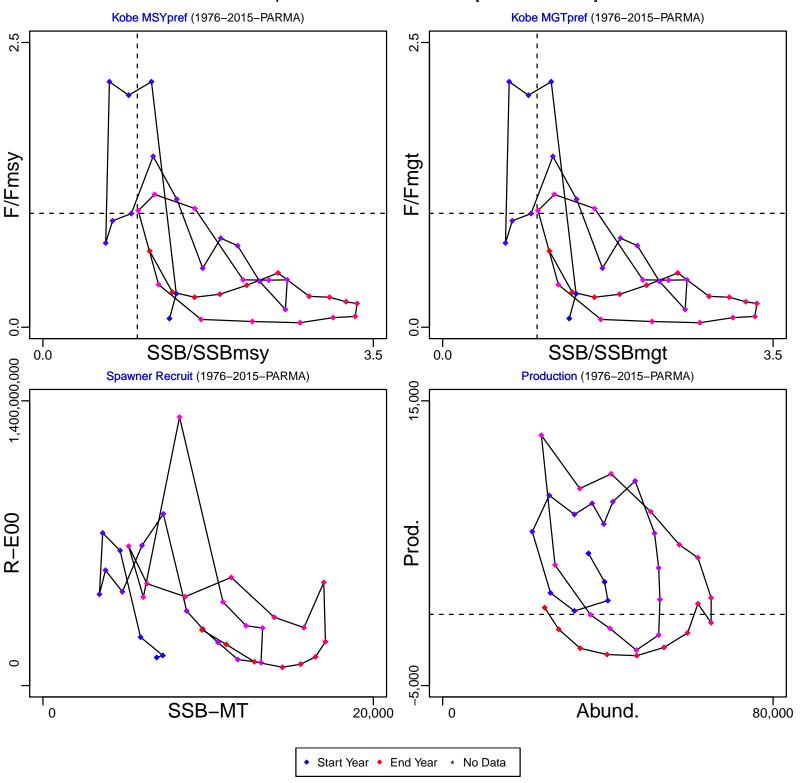


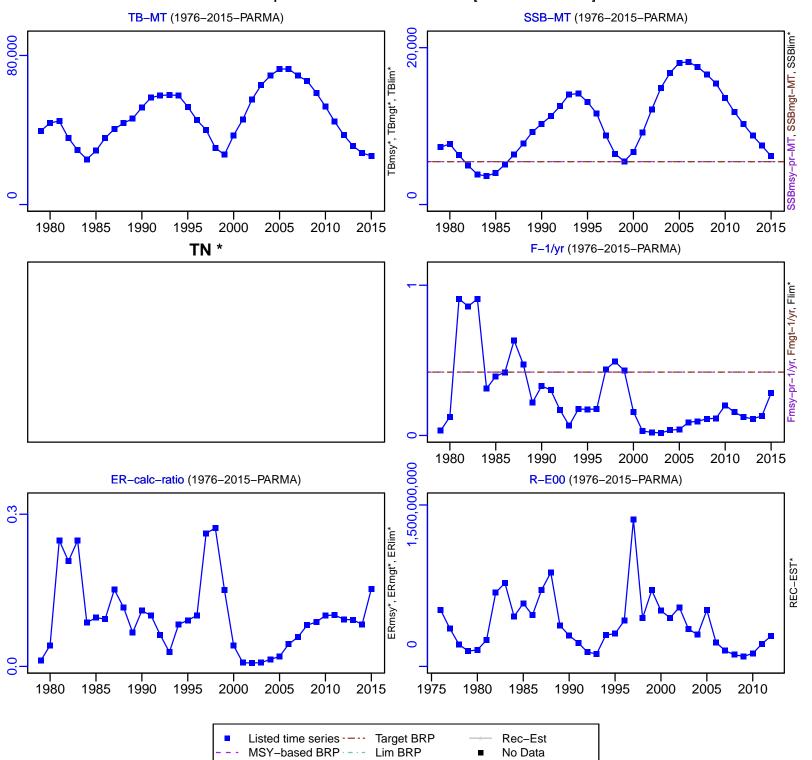


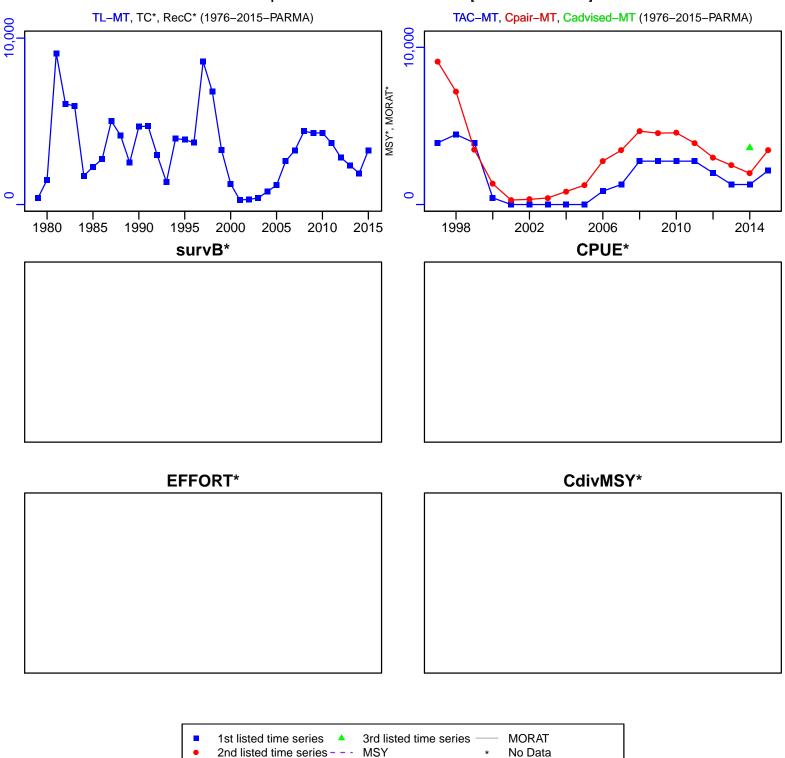
Metadata				
Scientific Name	Cervimunida johni			
Current Assess ID	IFOPCH-BSQLOBSTERCSCH-1976-2015-PARMA			
Area	Central-Southern Chile			
Management Authority	Subsecretaria de Pesca			
Assessor	Instituto de Fomento Pesquero - Chilean Fisheries Development Institute			
Asmts in RAM	2015			

Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	SSBmsy-pr-MT	2015	5139	
Fmsy	Fmsy-pr-1/yr	2015	0.38	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	SSBmgt-MT	2015	5139	
Fmgt	Fmgt-1/yr	2015	0.38	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	-	-	-	
MSY	-	-	-	
М	M-1/yr	2015	0.3	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2015	23,300	-	-
SSB	SSB-MT	2015	5810	Females	-
TN	-	-	-	-	-
R	R-E00	2015	2.74×10^{8}	-	3
F	F-1/yr	2015	0.254	-	-
ER	ER-calc-ratio	2015	0.139	-	-
TC	-	-	-		
TL	TL-MT	2015	3250		
TB/TBmsy	-	-	-		
SSB/SSBmsy	SSB-MT/SSBmsy-pr-MT	2015	1.131		
F/Fmsy	F-1/yr/Fmsy-pr-1/yr	2015	0.668		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2015	1.131		
F/Fmgt	F-1/yr/Fmgt-1/yr	2015	0.668		
ER/ERmgt	-	-	-		



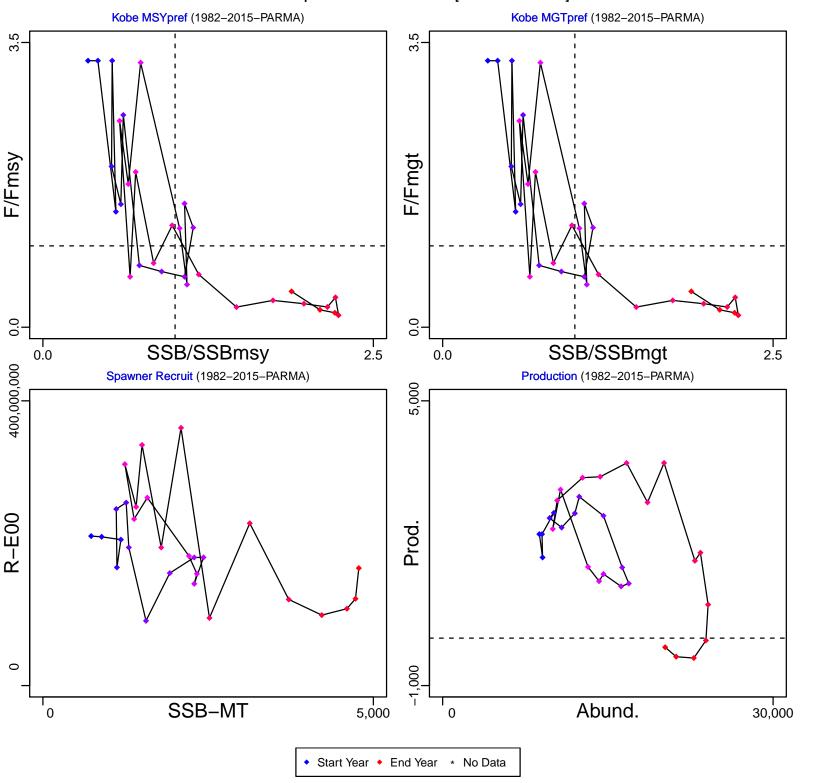


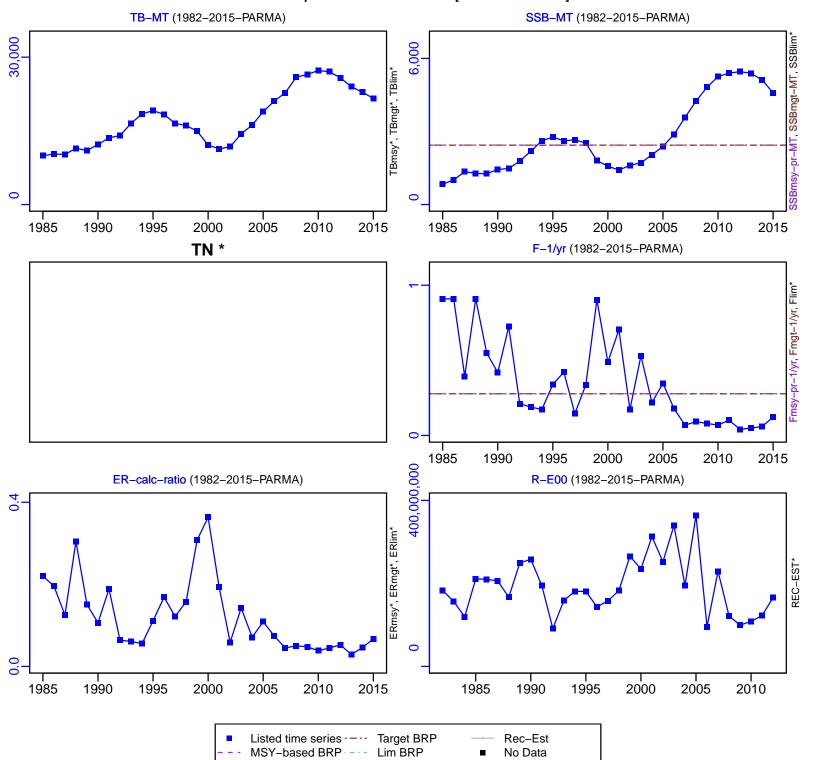


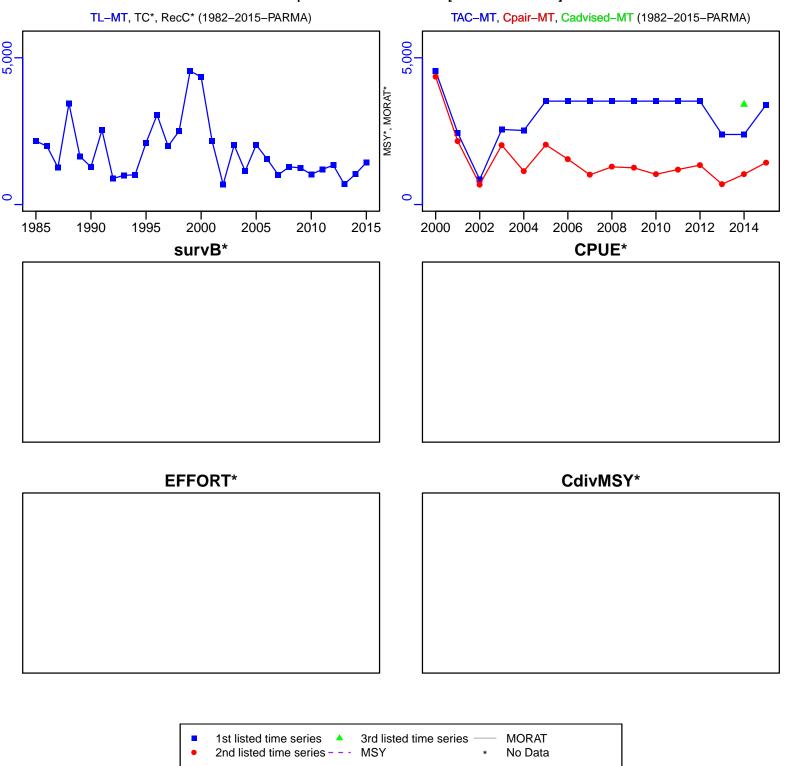
Metadata				
Scientific Name	Cervimunida johni			
Current Assess ID	IFOPCH-BSQLOBSTERNCH-1982-2015-PARMA			
Area	Northern Chile			
Management Authority	Subsecretaria de Pesca			
Assessor	Instituto de Fomento Pesquero - Chilean Fisheries Development Institute			
Asmts in RAM	2015			

Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	SSBmsy-pr-MT	2015	2137	
Fmsy	Fmsy-pr-1/yr	2015	0.25	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	SSBmgt-MT	2015	2137	
Fmgt	Fmgt-1/yr	2015	0.25	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	-	-	-	
MSY	-	-	-	
М	M-1/yr	2015	0.3	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

Time Series							
Туре	ID	Asmt Year	Curr Value	Sex	Age		
ТВ	TB-MT	2015	19,100	-	-		
SSB	SSB-MT	2015	4020	Females	-		
TN	-	-	-	-	-		
R	R-E00	2015	1.65×10^{8}	-	3		
F	F-1/yr	2015	0.11	-	-		
ER	ER-calc-ratio	2015	0.066	-	-		
TC	-	-	-				
TL	TL-MT	2015	1260				
TB/TBmsy	-	-	-				
SSB/SSBmsy	SSB-MT/SSBmsy-pr-MT	2015	1.881				
F/Fmsy	F-1/yr/Fmsy-pr-1/yr	2015	0.44				
ER/ERmsy	-	-	-				
TB/TBmgt	-	-	-				
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2015	1.881				
F/Fmgt	F-1/yr/Fmgt-1/yr	2015	0.44				
ER/ERmgt	-	-	-				





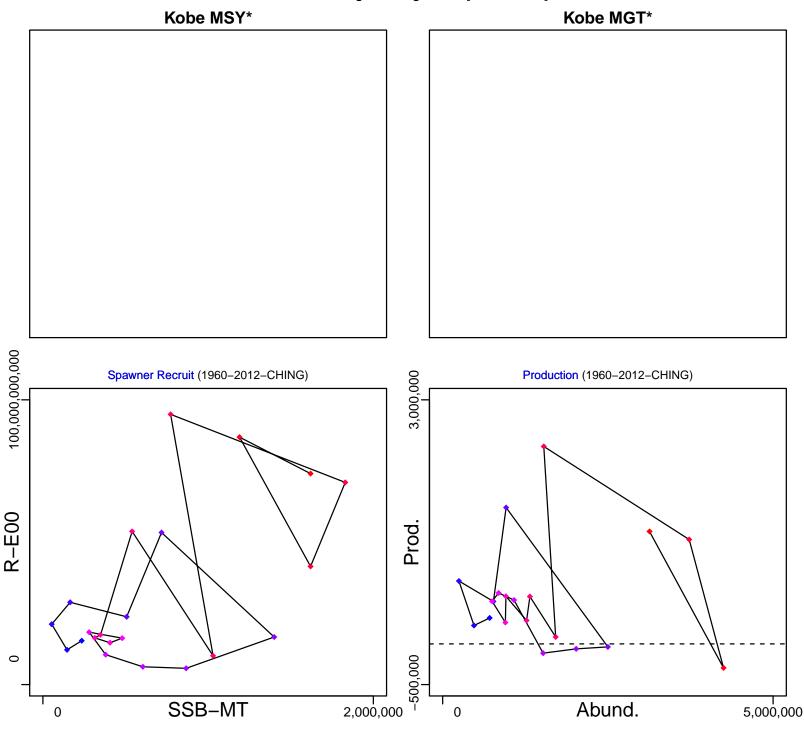


Chilean Herring Chile Region V-X [CHERRCHVX]

Metadata				
Scientific Name Clupea bentincki				
Current Assess ID	IFOPCH-CHERRCHVX-1960-2012-CHING			
Area Central-Southern Chile				
Management Authority	Subsecretaria de Pesca			
Assessor	Instituto de Fomento Pesquero - Chilean Fisheries Development Institute			
Asmts in RAM	2012			

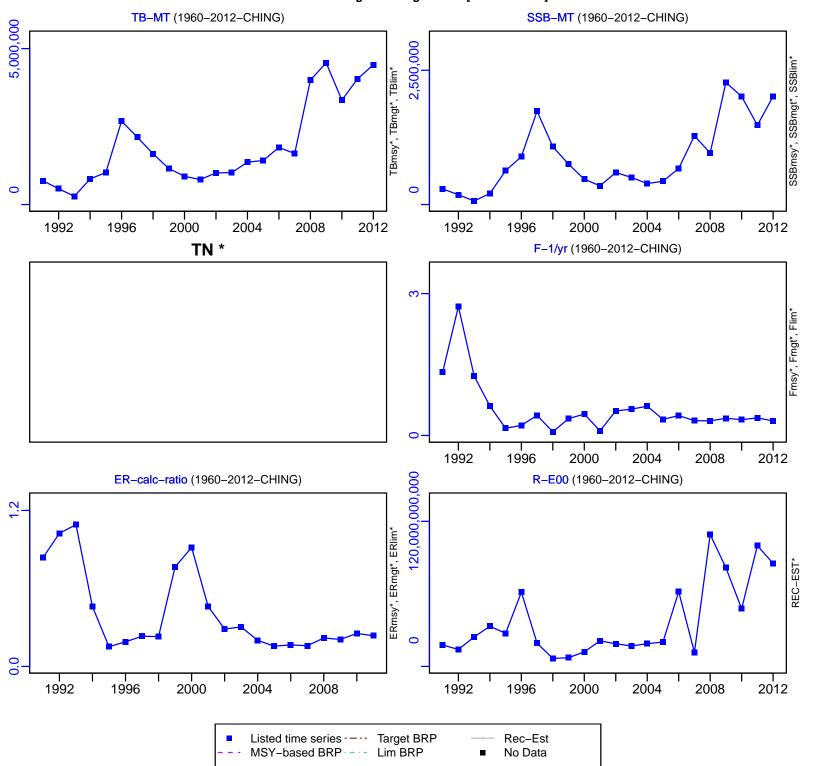
Reference Points					
Туре	ID	Asmt Year	Value		
TBmsy	-	-	-		
SSBmsy	-	-	-		
Fmsy	-	-	-		
ERmsy	-	-	-		
TBmgt	-	-	-		
SSBmgt	-	-	-		
Fmgt	-	-	-		
ERmgt	-	-	-		
TB0	-	-	-		
SSB0	-	-	-		
MSY	-	-	-		
М	-	-	-		
TBlim	-	-	-		
SSBlim	-	-	-		
Flim	-	-	-		
ERlim	-	-	-		

Time Series							
Туре	ID	Asmt Year	Curr Value	Sex	Age		
ТВ	TB-MT	2012	4,190,000	-	-		
SSB	SSB-MT	2012	1,620,000	-	-		
TN	-	-	-	-	-		
R	R-E00	2012	7.41×10^{10}	-	-		
F	F-1/yr	2012	0.262	-	-		
ER	ER-calc-ratio	2012	0.221	-	-		
TC	-	-	-				
TL	TL-MT	2012	833,000]			
TB/TBmsy	-	-	-				
SSB/SSBmsy	-	-	-				
F/Fmsy	-	-	-				
ER/ERmsy	-	-	-				
TB/TBmgt	-	-	-				
SSB/SSBmgt	-	-	-				
F/Fmgt	-	-	-				
ER/ERmgt	-	-	-]			

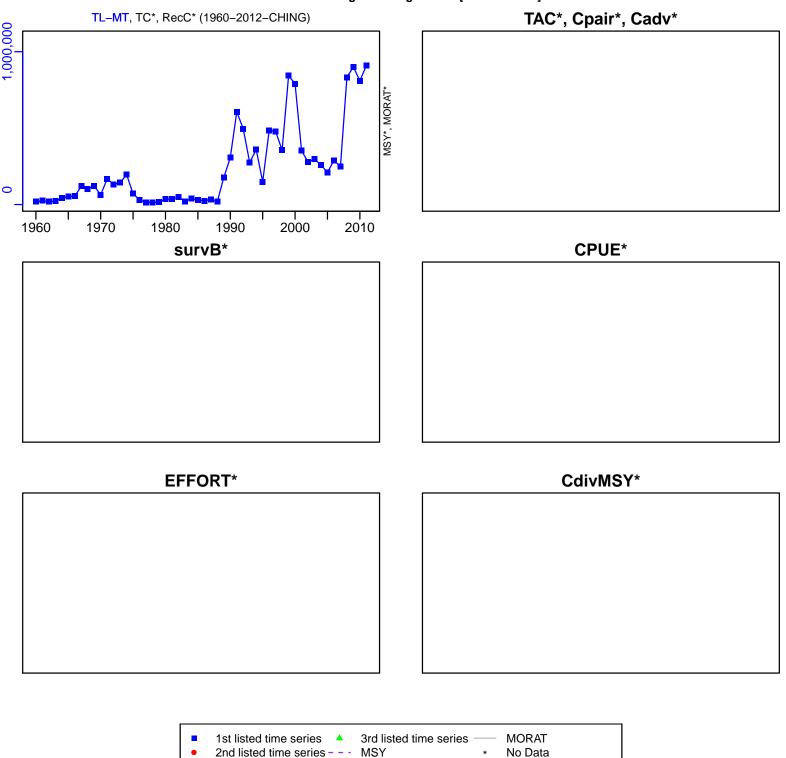


Start Year • End Year • No Data

Chilean Herring Chile Region V-X [CHERRCHVX]



Chilean Herring Chile Region V-X [CHERRCHVX]

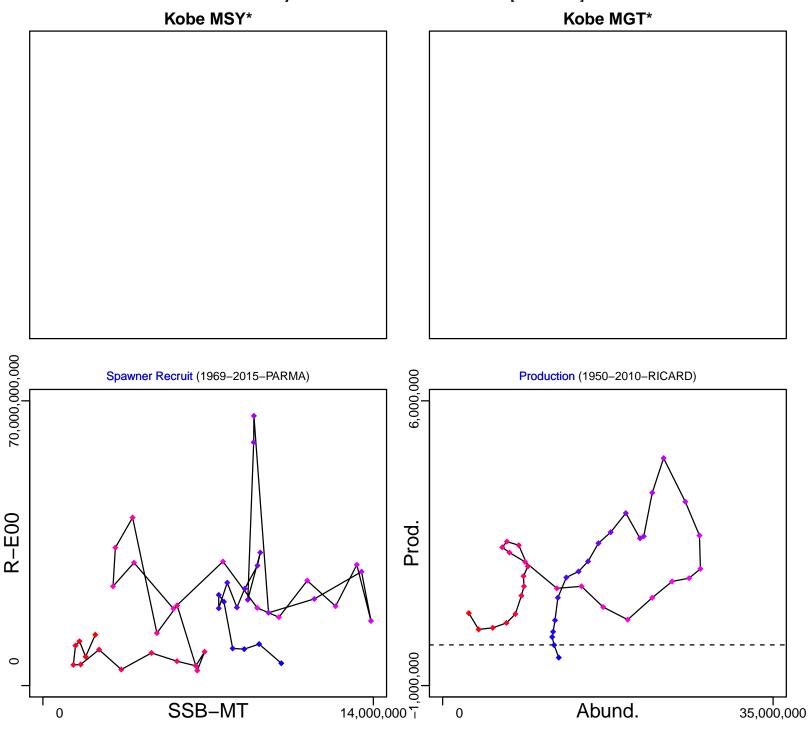


Chilean jack mackerel Chilean EEZ and offshore [CHTRACCH]

Metadata			
Scientific Name	Trachurus murphyi		
Current Assess ID SPRFMO-CHTRACCH-1969-2015-PARMA			
Area Chilean EEZ and offshore			
Management Authority	South Pacific Regional Fisheries Management Organization		
Assessor	South Pacific Regional Fisheries Management Organization		
Asmts in RAM	2010, 2015		

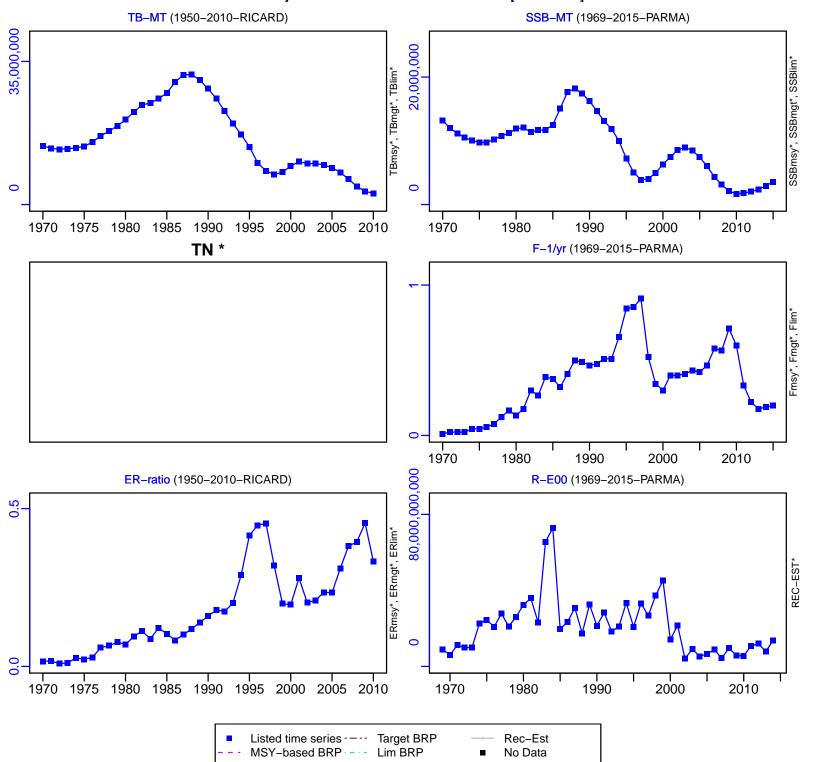
	Reference Points				
Туре	ID	Asmt Year	Value		
TBmsy	-	-	-		
SSBmsy	-	-	-		
Fmsy	-	-	-		
ERmsy	-	-	-		
TBmgt	-	-	-		
SSBmgt	-	-	-		
Fmgt	-	-	-		
ERmgt	-	-	-		
TB0	-	-	-		
SSB0	-	-	-		
MSY	-	-	-		
M	M-1/yr	2015	0.23		
TBlim	-	-	-		
SSBlim	-	-	-		
Flim	-	-	-		
ERlim	-	-	-		

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2010	2,360,000	-	-
SSB	SSB-MT	2015	2,720,000	-	-
TN	-	-	-	-	-
R	R-E00	2015	1.25×10^{10}	-	1
F	F-1/yr	2015	0.18	-	1 to 12
ER	ER-ratio	2010	0.315	-	-
TC	TC-MT	2015	434,000		
TL	TL-MT	2015	434,000]	
TB/TBmsy	-	-	-]	
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

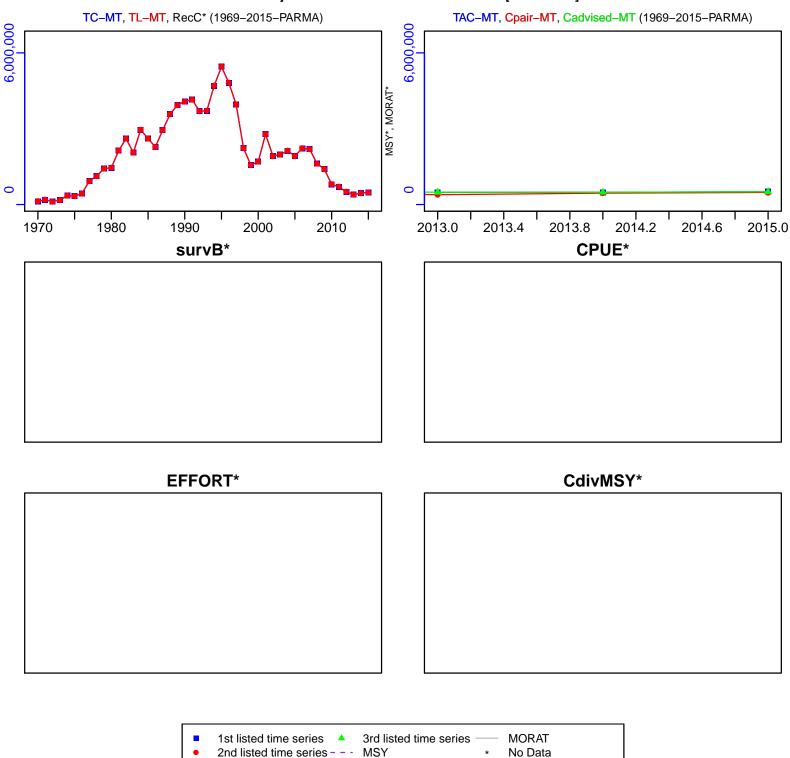


Start Year • End Year • No Data

Chilean jack mackerel Chilean EEZ and offshore [CHTRACCH]



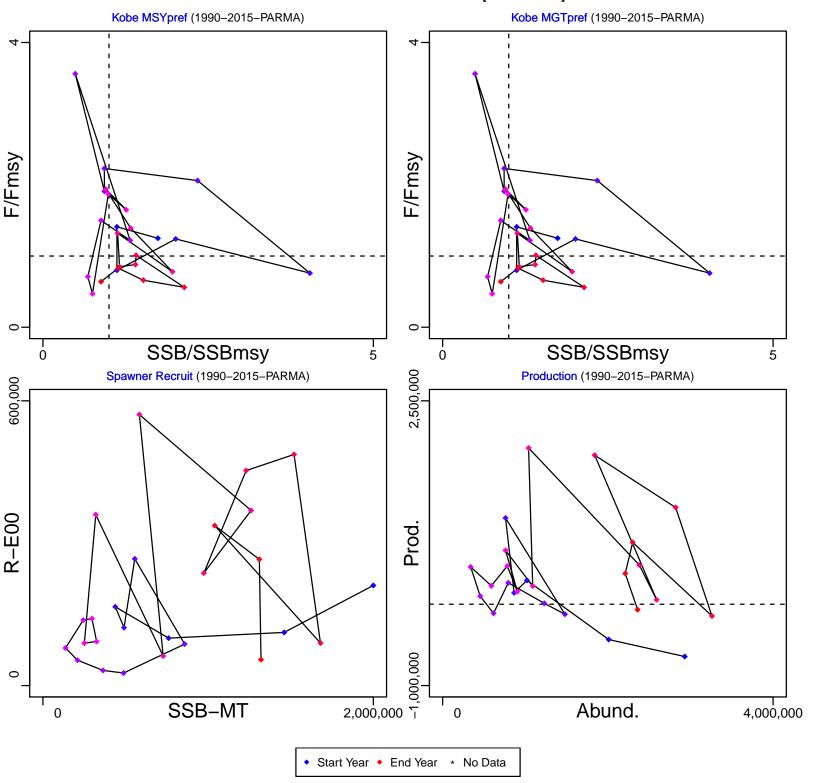
Chilean jack mackerel Chilean EEZ and offshore [CHTRACCH]

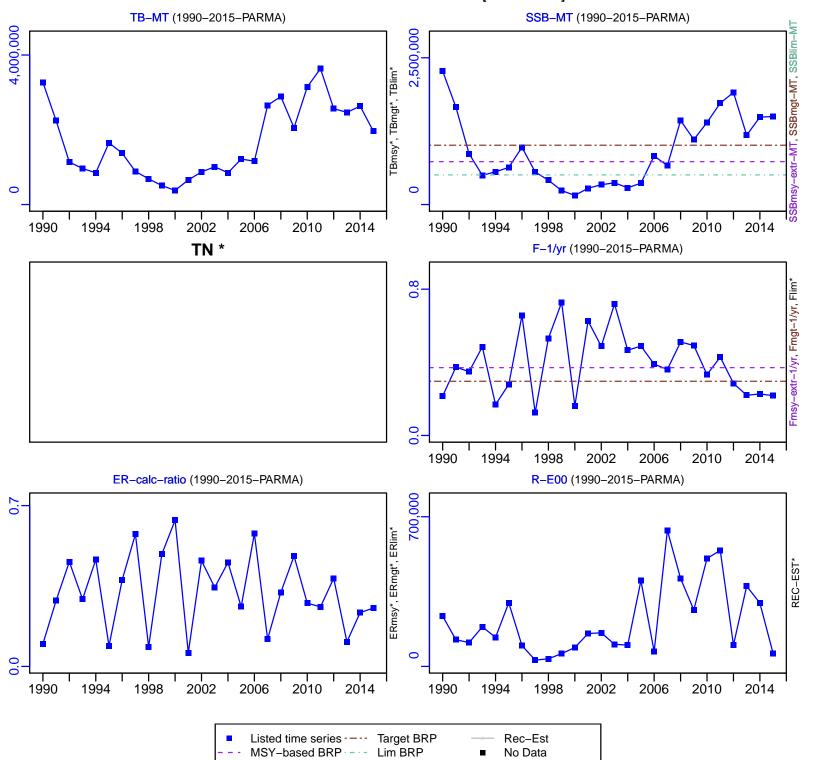


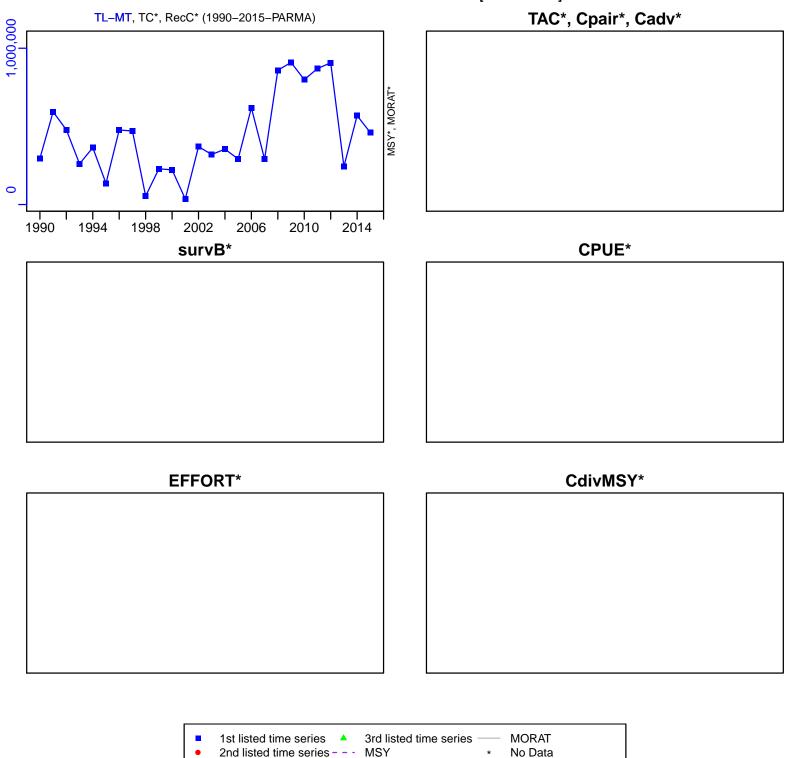
Metadata			
Scientific Name	Strangomera bentincki		
Current Assess ID IFOPCH-CSARDCSCH-1990-2015-PARMA			
Area Central-Southern Chile			
Management Authority Subsecretaria de Pesca			
Assessor	Instituto de Fomento Pesquero - Chilean Fisheries Development Institute		
Asmts in RAM	2015		

	Reference Points				
Туре	ID	Asmt Year	Value		
TBmsy	-	-	-		
SSBmsy	SSBmsy-extr-MT	2015	642,609		
Fmsy	Fmsy-extr-1/yr	2015	0.325		
ERmsy	-	-	-		
TBmgt	-	-	-		
SSBmgt	SSBmgt-MT	2015	889,000		
Fmgt	Fmgt-1/yr	2015	0.26		
ERmgt	-	-	-		
TB0	-	-	-		
SSB0	-	-	-		
MSY	-	-	-		
M	M-1/yr	2015	1		
TBlim	-	-	-		
SSBlim	SSBlim-MT	2015	444,000		
Flim	-	-	-		
ERlim	-	-	-		

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2015	1,760,000	-	-
SSB	SSB-MT	2015	1,320,000	-	-
TN	-	-	-	-	-
R	R-E00	2015	54,600	-	-
F	F-1/yr	2015	0.191	-	-
ER	ER-calc-ratio	2015	0.245	-	-
TC	-	-	-		
TL	TL-MT	2015	431,000		
TB/TBmsy	-	-	-		
SSB/SSBmsy	SSBdivSSBmsy-dimensionless	2015	0.88		
F/Fmsy	FdivFmsy-dimensionless	2015	0.64		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2015	1.485		
F/Fmgt	F-1/yr/Fmgt-1/yr	2015	0.735		
ER/ERmgt	-	-	-		



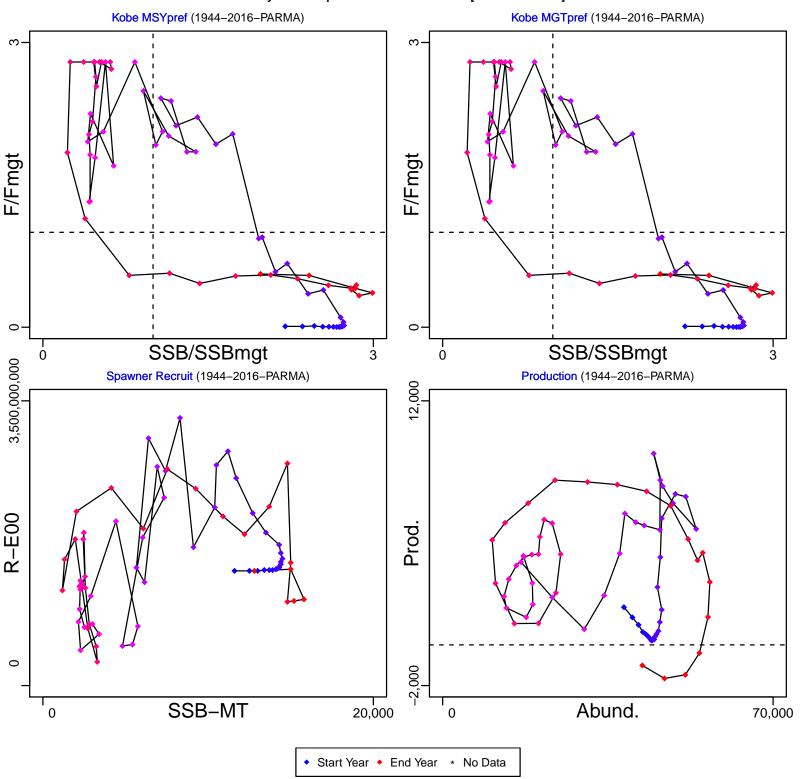


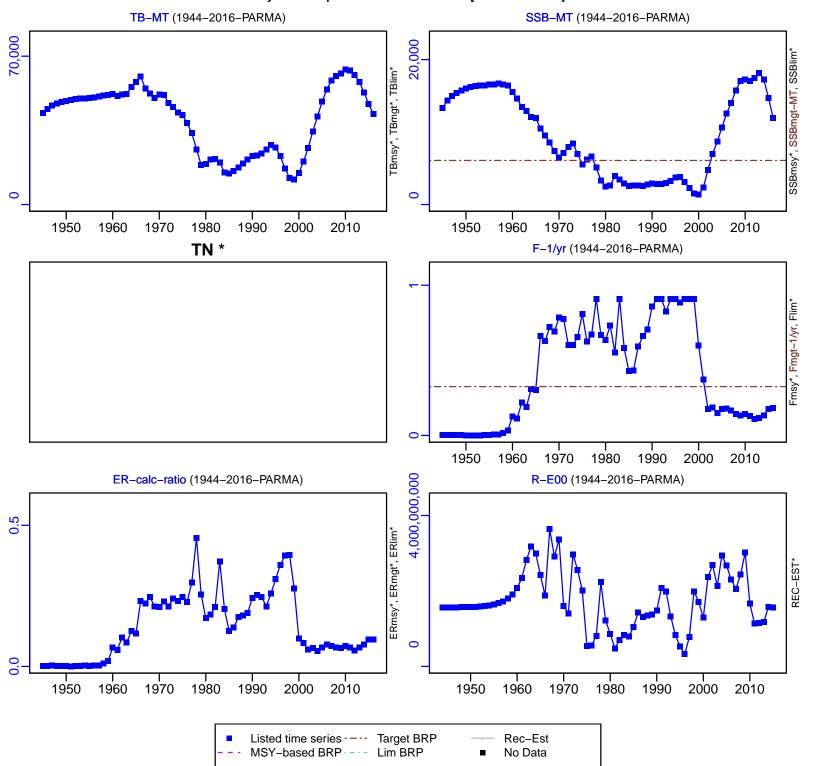


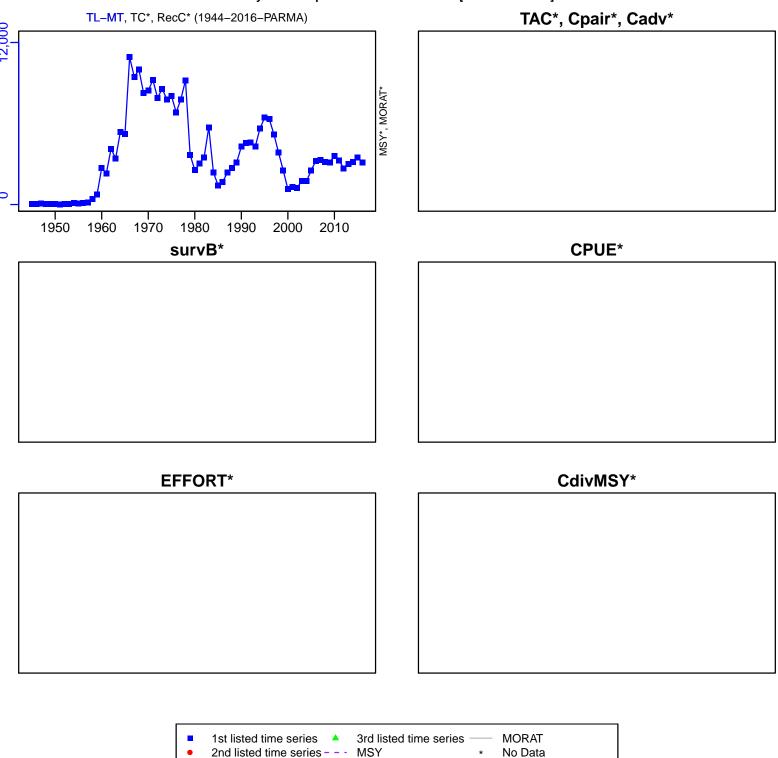
Metadata			
Scientific Name	Heterocarpus reedi		
Current Assess ID IFOPCH-NSHRIMPCSCH-1944-2016-PARMA			
Area Central-Southern Chile			
Management Authority Subsecretaria de Pesca			
Assessor Instituto de Fomento Pesquero - Chilean Fisheries Development Instit			
Asmts in RAM	2016		

Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	-	-	-	
Fmsy	-	-	-	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	SSBmgt-MT	2016	5287	
Fmgt	Fmgt-1/yr	2016	0.293	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	SSB0-MT	2016	11,750	
MSY	-	-	-	
M	M-1/yr	2016	0.36	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2016	37,900	Both	-
SSB	SSB-MT	2016	10,400	Females	1 to 6
TN	-	-	-	-	-
R	R-E00	2016	1.41×10^{9}	Females	1
F	F-1/yr	2016	0.164	Females	-
ER	ER-calc-ratio	2016	0.08	-	-
TC	-	-	-		
TL	TL-MT	2016	3040		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2016	1.976		
F/Fmgt	F-1/yr/Fmgt-1/yr	2016	0.561		
ER/ERmgt	-	-	-		



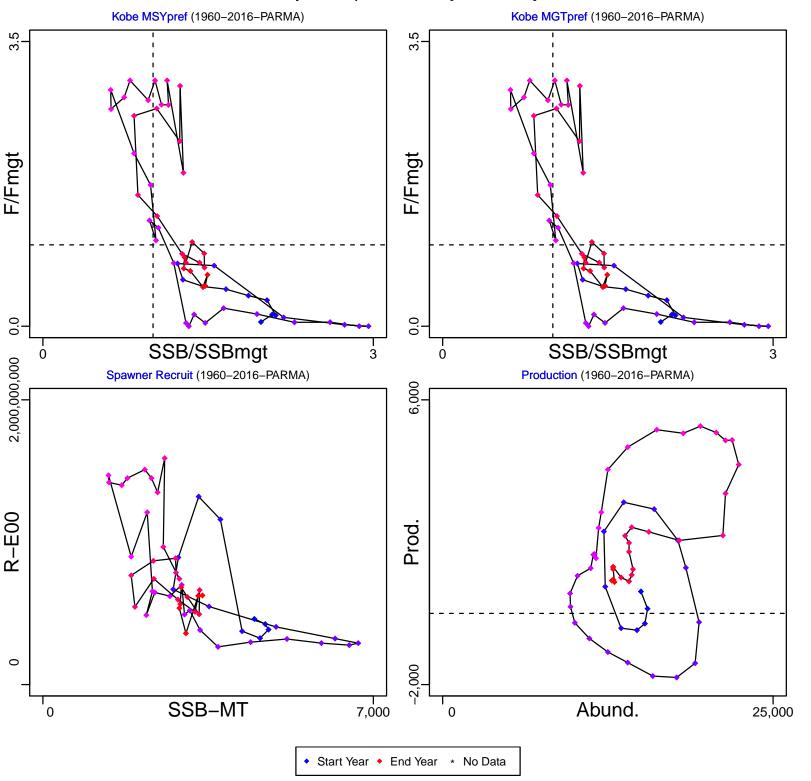


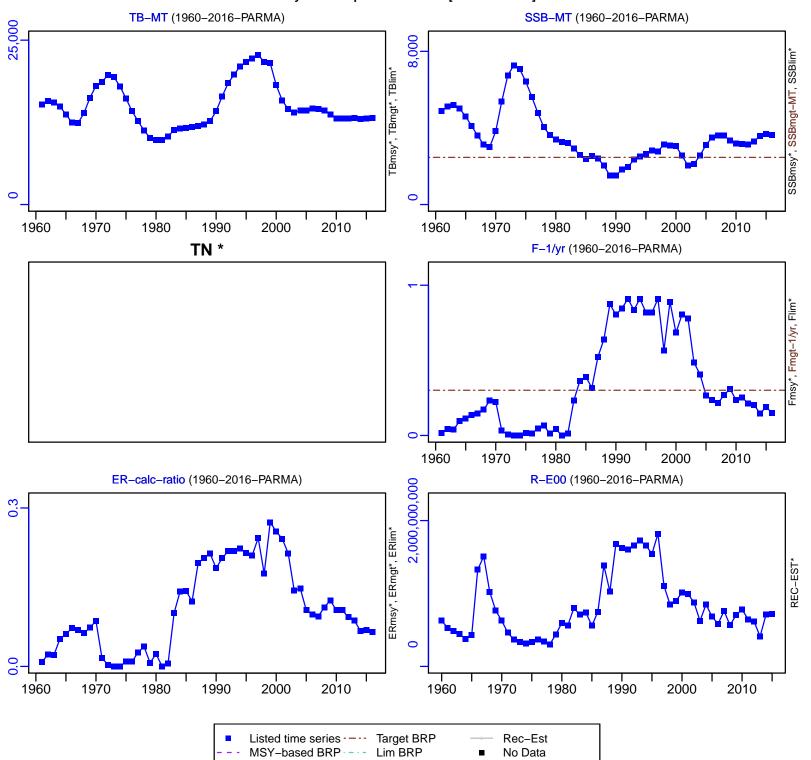


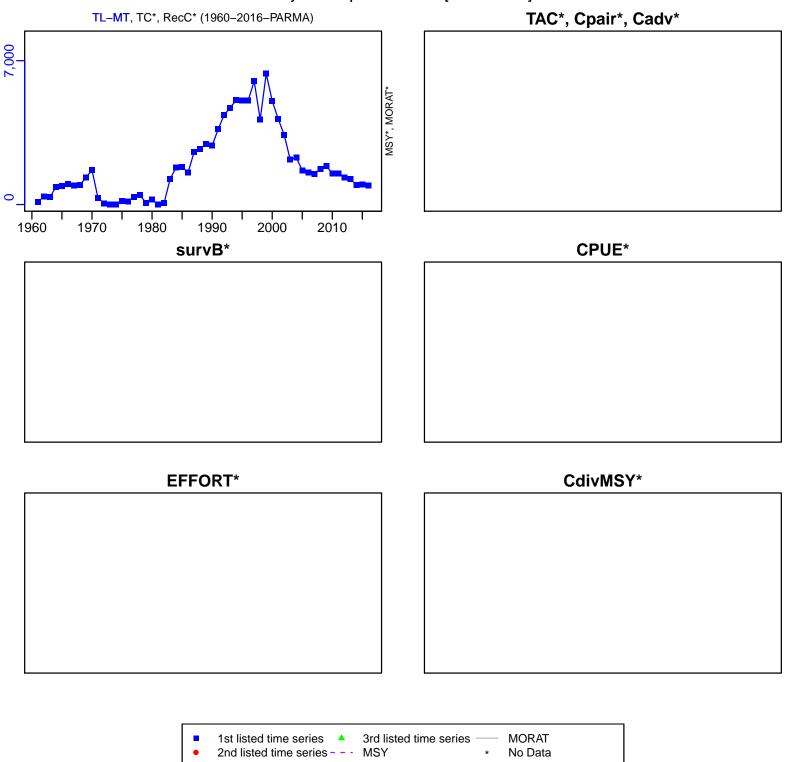
Metadata			
Scientific Name	Heterocarpus reedi		
Current Assess ID IFOPCH-NSHRIMPNCH-1960-2016-PARMA			
Area Northern Chile			
Management Authority	Subsecretaria de Pesca		
Assessor Instituto de Fomento Pesquero - Chilean Fisheries Development I			
Asmts in RAM	2016		

Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	-	-	-	
Fmsy	-	-	-	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	SSBmgt-MT	2016	2261	
Fmgt	Fmgt-1/yr	2016	0.271	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	SSB0-MT	2016	5025	
MSY	-	-	-	
M	M-1/yr	2016	0.36	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

	Time Series				
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2016	13,000	Both	-
SSB	SSB-MT	2016	3330	Females	-
TN	-	-	-	-	-
R	R-E00	2016	6.26×10^{8}	Females	1
F	F-1/yr	2016	0.134	Females	-
ER	ER-calc-ratio	2016	0.062	-	-
TC	-	-	-		
TL	TL-MT	2016	803		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2016	1.474		
F/Fmgt	F-1/yr/Fmgt-1/yr	2016	0.496		
ER/ERmgt	-	-	-		



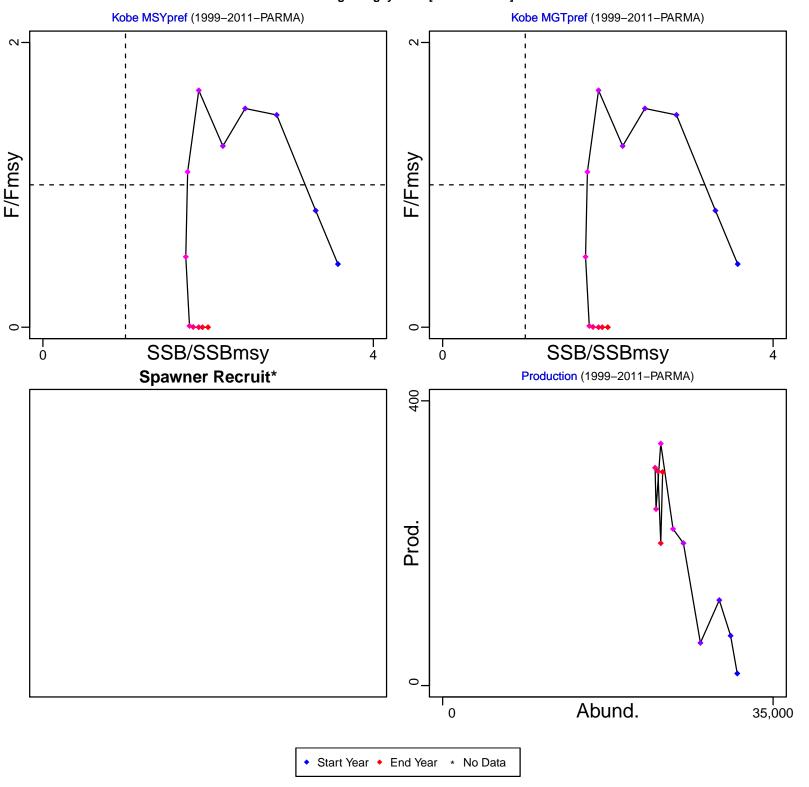


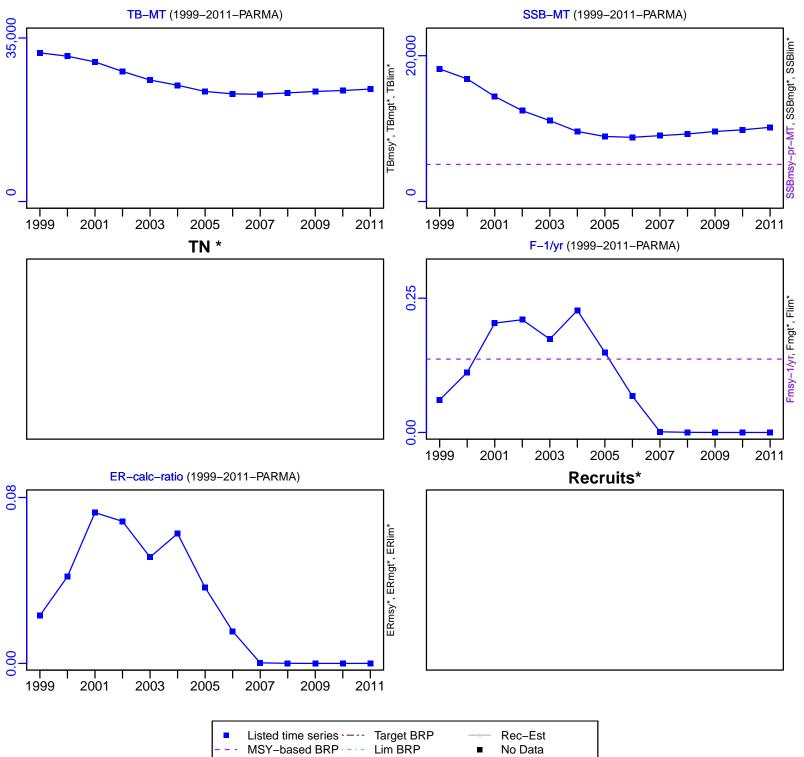


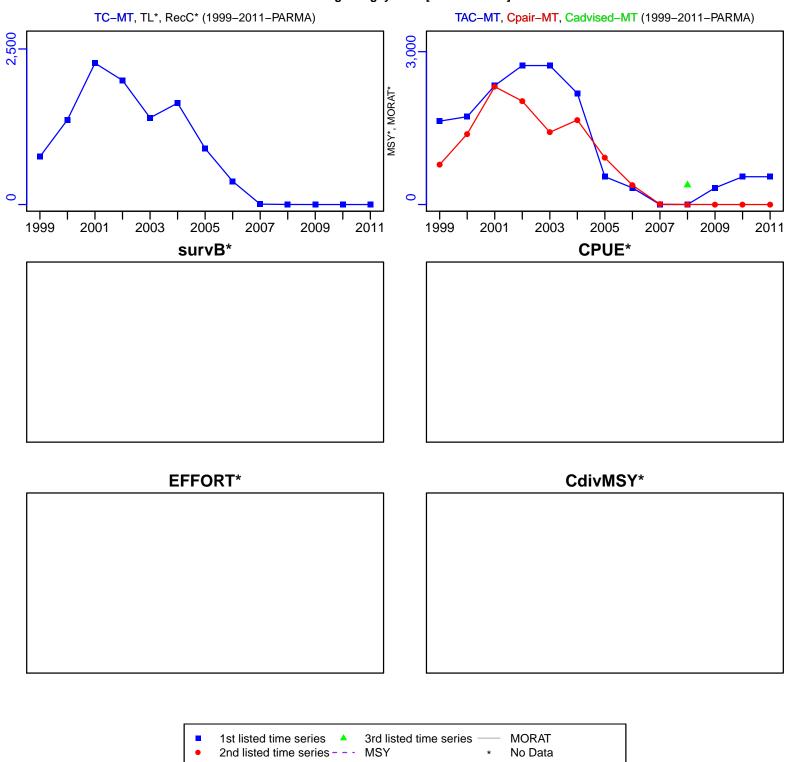
Metadata			
Scientific Name	Hoplostethus atlanticus		
Current Assess ID SPRFMO-OROUGHYCH-1999-2011-PARMA			
Area Chilean EEZ and offshore			
Management Authority South Pacific Regional Fisheries Management Organization			
Assessor South Pacific Regional Fisheries Management Organizat			
Asmts in RAM	2011		

Reference Points			
Туре	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	SSBmsy-pr-MT	2011	4452
Fmsy	Fmsy-1/yr	2011	0.11
ERmsy	-	-	-
TBmgt	-	-	-
SSBmgt	-	-	-
Fmgt	-	-	-
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	-	-	-
М	M-1/yr	2011	0.045
TBlim	-	-	-
SSBlim	-	-	-
Flim	-	-	-
ERlim	-	-	-

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2011	23,600	-	-
SSB	SSB-MT	2011	8900	-	-
TN	-	-	-	-	-
R	-	-	-	-	-
F	F-1/yr	2011	0	-	-
ER	ER-calc-ratio	2011	0	-	-
TC	TC-MT	2011	0		
TL	-	-	-		
TB/TBmsy	-	-	-]	
SSB/SSBmsy	SSB-MT/SSBmsy-pr-MT	2011	1.999]	
F/Fmsy	F-1/yr/Fmsy-1/yr	2011	0		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		



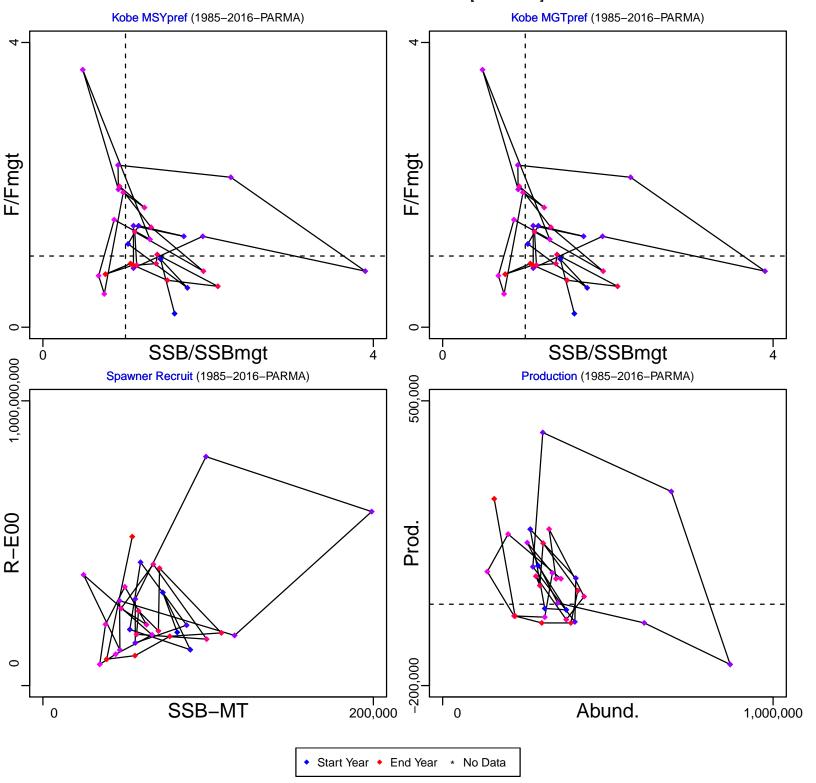


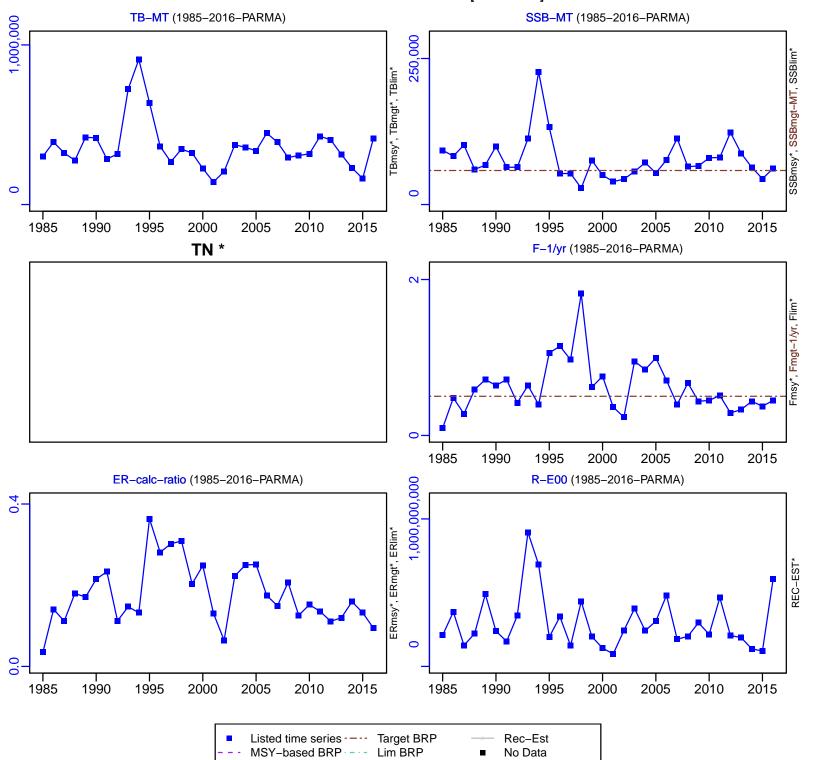


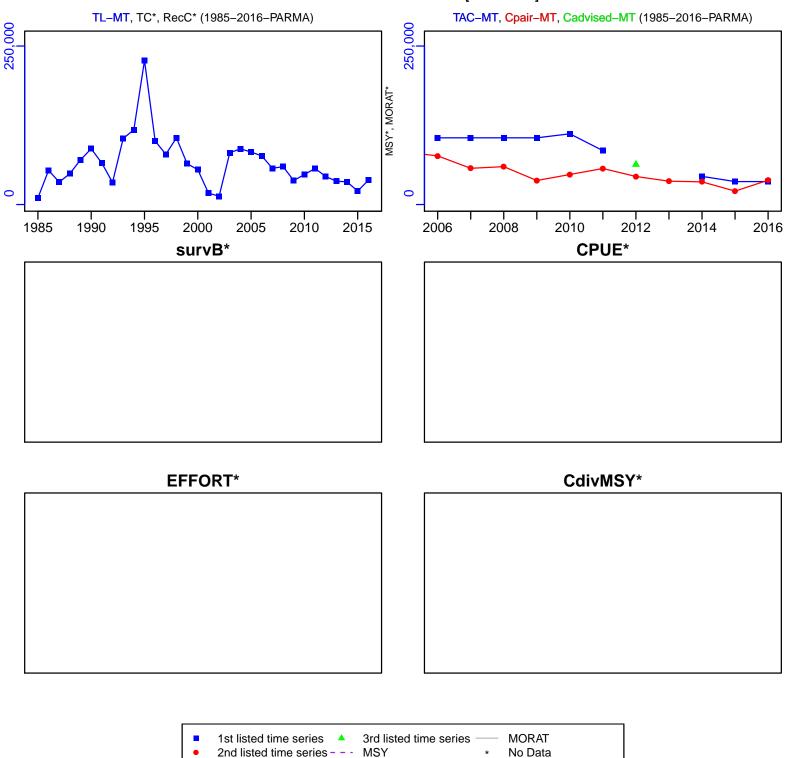
Metadata			
Scientific Name	Engraulis ringens		
Current Assess ID	IFOPCH-PANCHCCH-1985-2016-PARMA		
Area Central Chile			
Management Authority	Subsecretaria de Pesca		
Assessor	Instituto de Fomento Pesquero - Chilean Fisheries Development Institute		
Asmts in RAM	2016		

Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	-	-	-	
Fmsy	-	-	-	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	SSBmgt-MT	2016	51,000	
Fmgt	Fmgt-1/yr	2016	0.47	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	SSB0-MT	2016	92,500	
MSY	-	-	-	
M	M-1/yr	2016	1.3	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2016	395,000	-	-
SSB	SSB-MT	2016	54,100	-	-
TN	-	-	-	-	-
R	R-E00	2016	5.23×10^{8}	-	-
F	F-1/yr	2016	0.42	-	-
ER	ER-calc-ratio	2016	0.092	-	-
TC	-	-	-		
TL	TL-MT	2016	36,400		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2016	1.061		
F/Fmgt	F-1/yr/Fmgt-1/yr	2016	0.894		
ER/ERmgt	-	-	-		



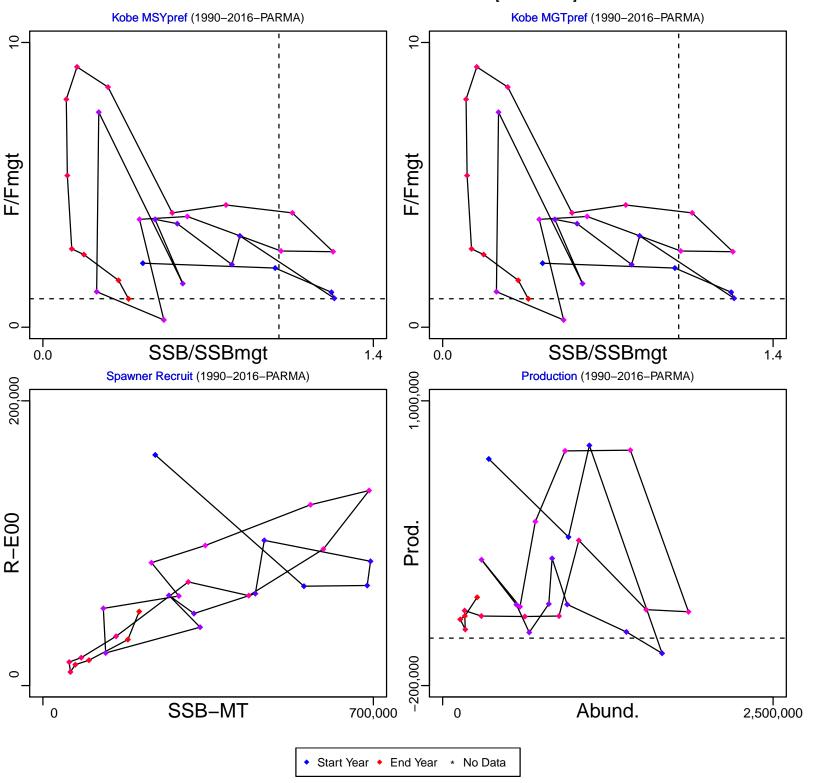


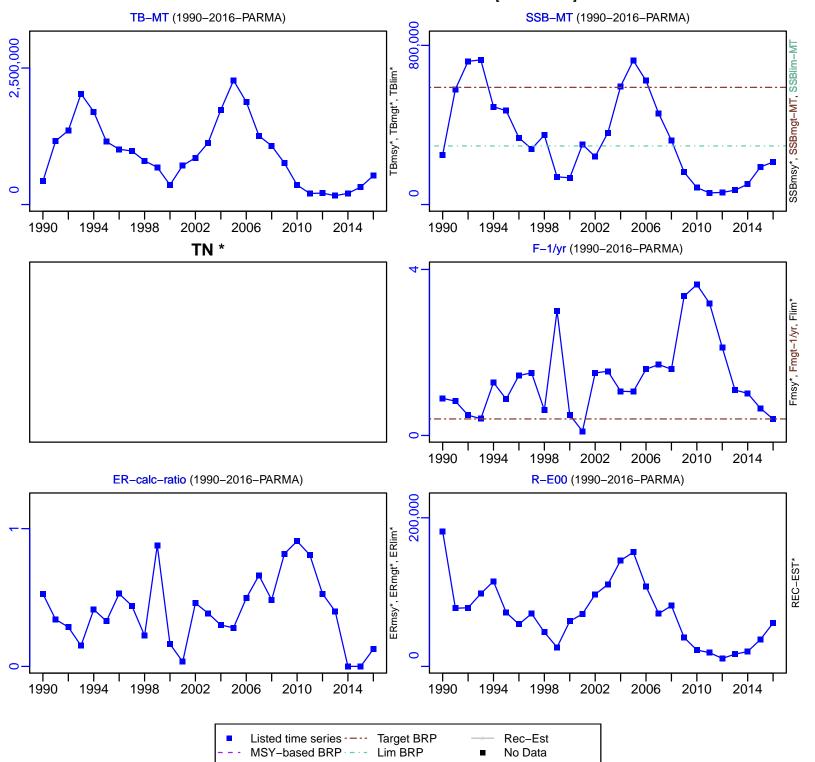


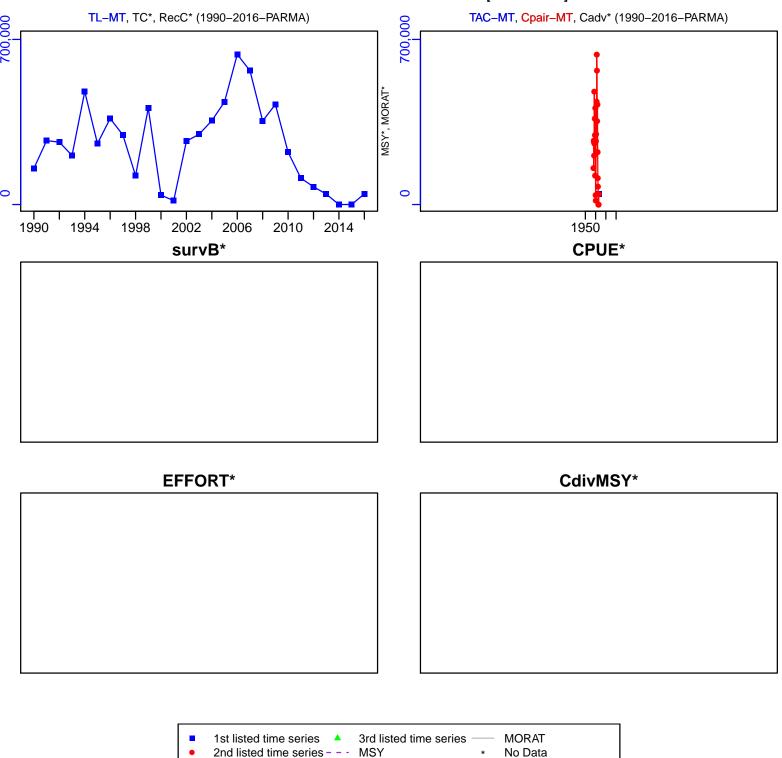
Metadata			
Scientific Name	Engraulis ringens		
Current Assess ID	IFOPCH-PANCHCSCH-1990-2016-PARMA		
Area Central-Southern Chile			
Management Authority	Subsecretaria de Pesca		
Assessor	Instituto de Fomento Pesquero - Chilean Fisheries Development Institute		
Asmts in RAM	2016		

Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	-	-	-	
Fmsy	-	-	-	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	SSBmgt-MT	2016	562,000	
Fmgt	Fmgt-1/yr	2016	0.396	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	-	-	-	
MSY	-	-	-	
М	M-1/yr	2016	0.7	
TBlim	-	-	-	
SSBlim	SSBlim-MT	2016	281,000	
Flim	-	-	-	
ERlim	-	-	-	

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2016	433,000	-	-
SSB	SSB-MT	2016	204,000	-	-
TN	-	-	-	-	-
R	R-E00	2016	52,000	-	-
F	F-1/yr	2016	0.394	-	-
ER	ER-calc-ratio	2016	0.103	-	-
TC	-	-	-		
TL	TL-MT	2016	44,600		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2016	0.363		
F/Fmgt	F-1/yr/Fmgt-1/yr	2016	0.995		
ER/ERmgt	-	-	-		



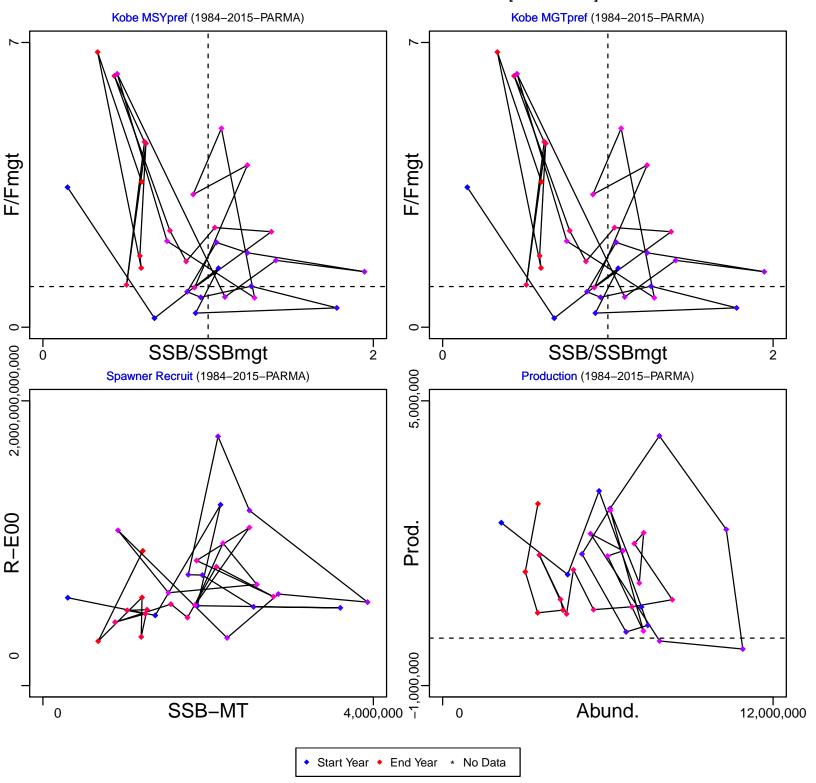


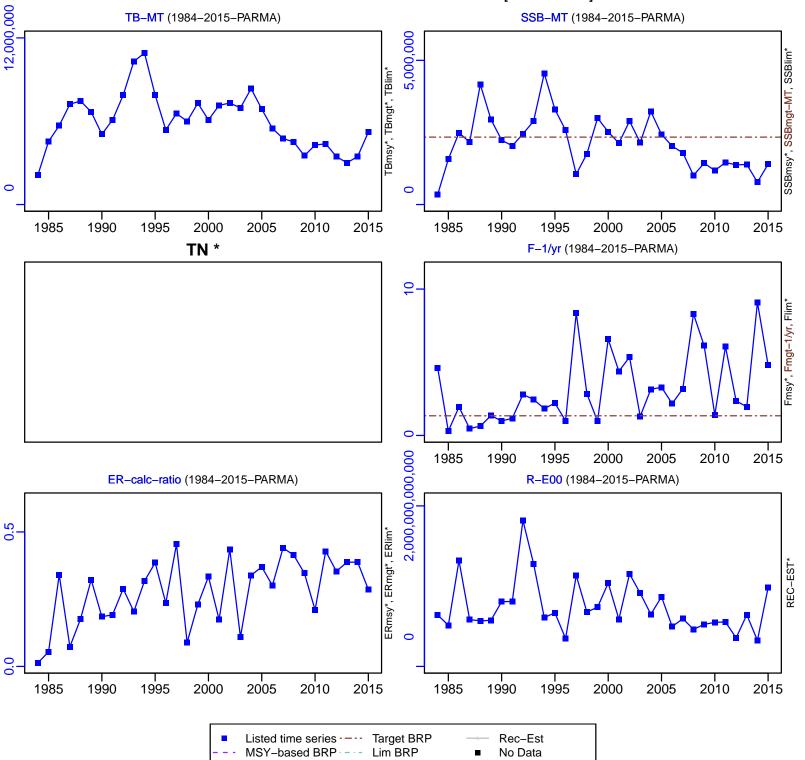


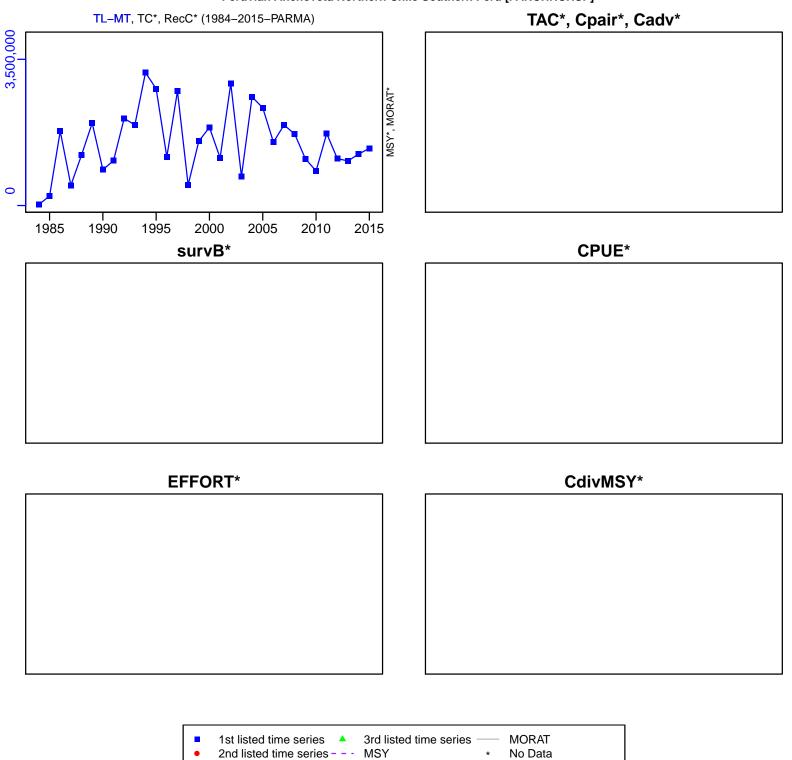
Metadata			
Scientific Name	Engraulis ringens		
Current Assess ID	IFOPCH-PANCHNCHSP-1984-2015-PARMA		
Area Northern Chile Southern Peru			
Management Authority	Subsecretaria de Pesca		
Assessor	Instituto de Fomento Pesquero - Chilean Fisheries Development Institute		
Asmts in RAM	2015		

Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	-	-	-	
Fmsy	-	-	-	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	SSBmgt-MT	2015	2,021,000	
Fmgt	Fmgt-1/yr	2015	1.18	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	-	-	-	
MSY	-	-	-	
M	M-1/yr	2015	1	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2015	5,210,000	-	-
SSB	SSB-MT	2015	1,210,000	-	-
TN	-	-	-	-	-
R	R-E00	2015	9.46×10^{11}	-	-
F	F-1/yr	2015	4.22	-	-
ER	ER-calc-ratio	2015	0.231	-	-
TC	-	-	-		
TL	TL-MT	2015	1,200,000		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2015	0.598		
F/Fmgt	F-1/yr/Fmgt-1/yr	2015	3.576		
ER/ERmgt	-	-	-		





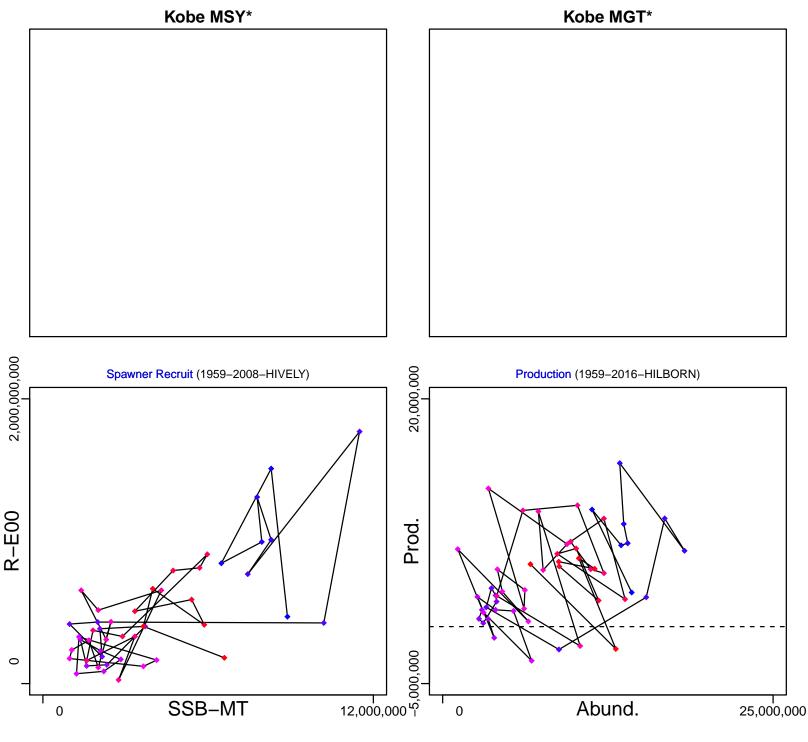


Peruvian anchoveta North-Central Peru [PANCHPERUNC]

Metadata				
Scientific Name	Engraulis ringens			
Current Assess ID	IMARPE-PANCHPERUNC-1959-2016-HILBORN			
Area	North-Central Peruvian coast			
Management Authority	Instituto del Mar del Peru, Peru national management			
Assessor	Instituto del Mar del Peru			
Asmts in RAM	2008, 2016			

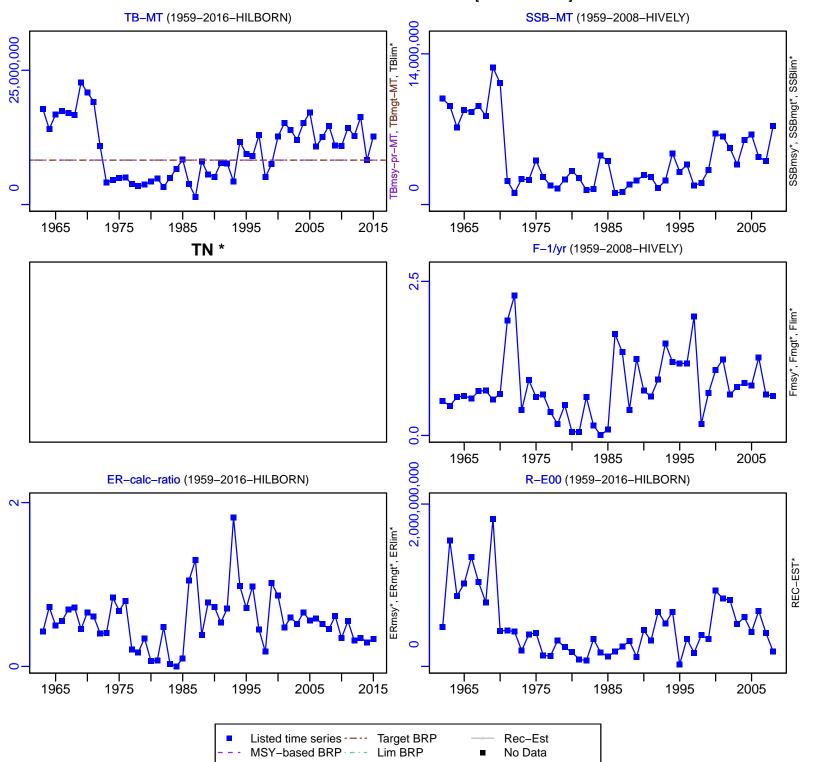
Reference Points							
Туре	ID	Asmt Year	Value				
TBmsy	TBmsy-pr-MT	2016	6,660,000				
SSBmsy	-	-	-				
Fmsy	-	-	-				
ERmsy	-	-	-				
TBmgt	TBmgt-MT	2016	6,660,000				
SSBmgt	-	-	-				
Fmgt	-	-	-				
ERmgt	-	-	-				
TB0	-	-	-				
SSB0	-	-	-				
MSY	-	-	-				
M	-	-	-				
TBlim	-	-	-				
SSBlim	-	-	-				
Flim	-	-	-				
ERlim	-	-	-				

Time Series							
Туре	ID	Asmt Year	Curr Value	Sex	Age		
ТВ	TB-MT	2016	10,200,000	Both	-		
SSB	SSB-MT	2008	6,590,000	-	-		
TN	-	-	-	-	-		
R	R-E00	2016	1.81×10^{8}	Both	-		
F	F-1/yr	2008	0.588	-	-		
ER	ER-calc-ratio	2016	0.326	-	-		
TC	-	-	-				
TL	TL-MT	2016	2,540,000				
TB/TBmsy	TB-MT/TBmsy-pr-MT	2016	1.53				
SSB/SSBmsy	-	-	-				
F/Fmsy	-	-	-				
ER/ERmsy	-	-	-				
TB/TBmgt	TB-MT/TBmgt-MT	2016	1.53				
SSB/SSBmgt	-	-	-				
F/Fmgt	-	-	-				
ER/ERmgt	-	-	-				

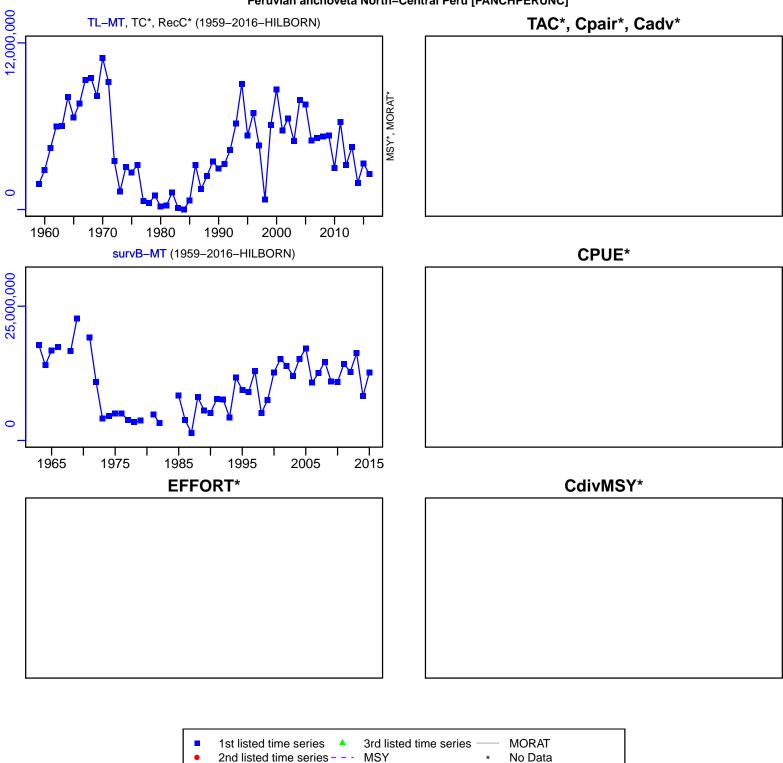


Start Year • End Year • No Data

Peruvian anchoveta North-Central Peru [PANCHPERUNC]



Peruvian anchoveta North-Central Peru [PANCHPERUNC]

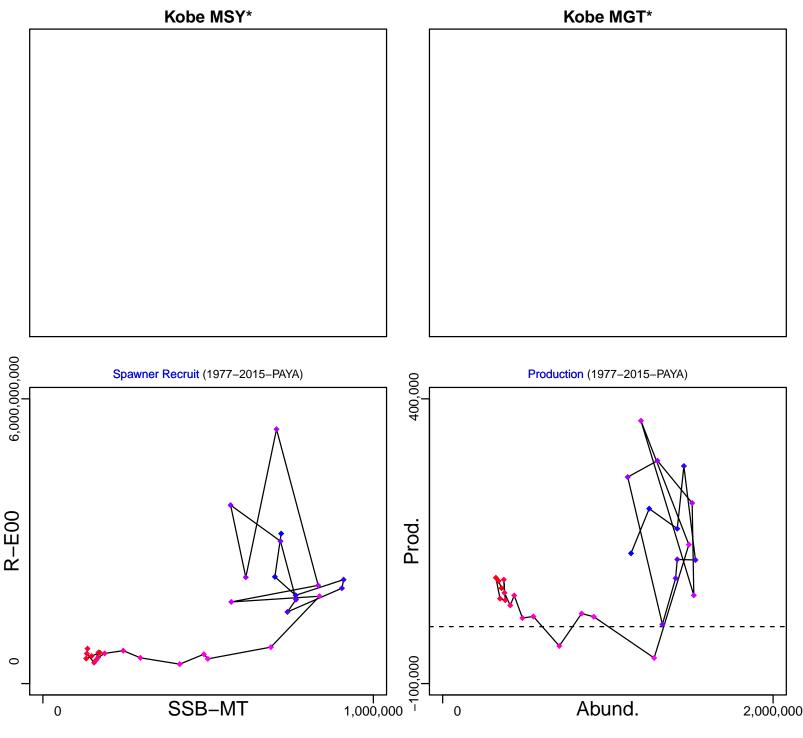


Patagonian grenadier Chile [PATGRENADIERCH]

Metadata			
Scientific Name	Macruronus magellanicus		
Current Assess ID	IFOPCH-PATGRENADIERCH-1977-2015-PAYA		
Area Central-Southern Chile			
Management Authority	Subsecretaria de Pesca		
Assessor	Instituto de Fomento Pesquero - Chilean Fisheries Development Institute		
Asmts in RAM	2012, 2015		

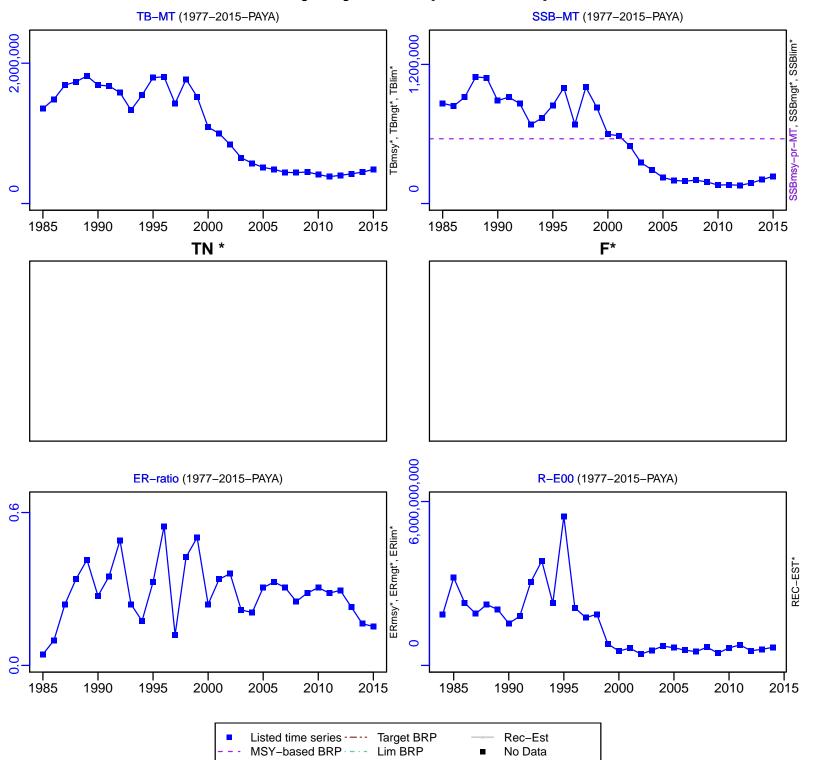
Reference Points				
Type	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	SSBmsy-pr-MT	2015	466,000	
Fmsy	-	-	-	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	-	-	-	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	-	-	-	
MSY	-	-	-	
М	M-1/yr	2015	0.35	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

	Time Series				
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2015	409,000	Both	-
SSB	SSB-MT	2015	196,000	-	-
TN	-	-	-	-	-
R	R-E00	2015	6.52×10^{8}	-	-
F	-	-	-	-	-
ER	ER-ratio	2015	0.14	-	-
TC	-	-	-		
TL	TL-MT	2015	39,100		
TB/TBmsy	-	-	-		
SSB/SSBmsy	SSB-MT/SSBmsy-pr-MT	2015	0.421		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

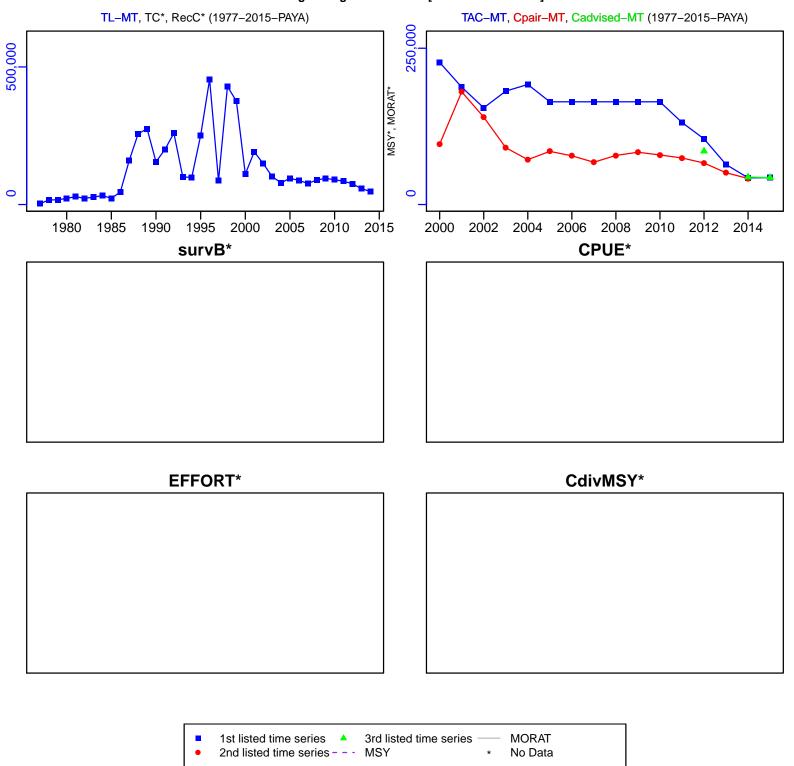


Start Year • End Year • No Data

Patagonian grenadier Chile [PATGRENADIERCH]



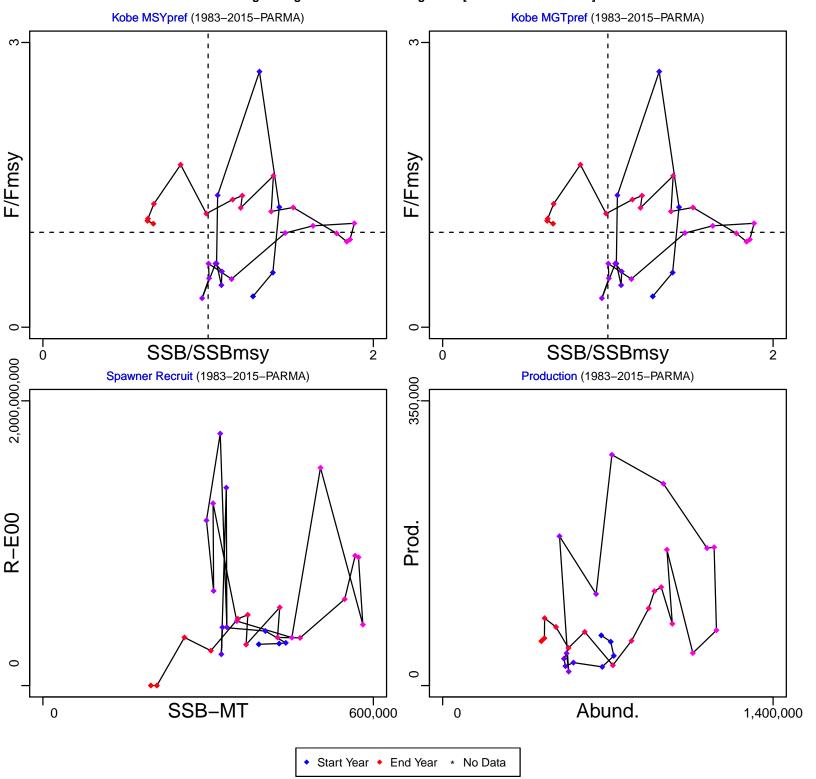
Patagonian grenadier Chile [PATGRENADIERCH]

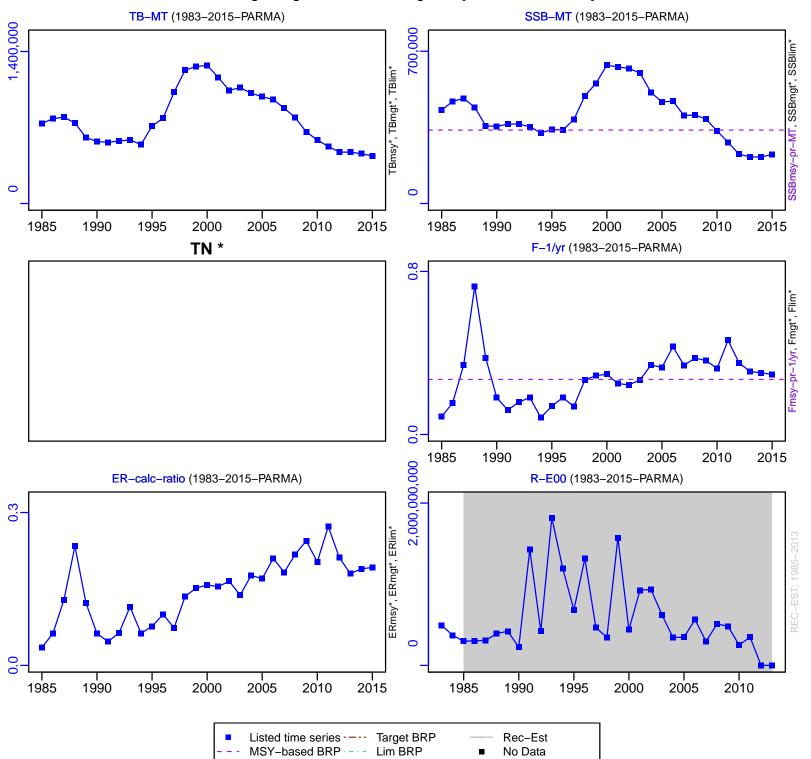


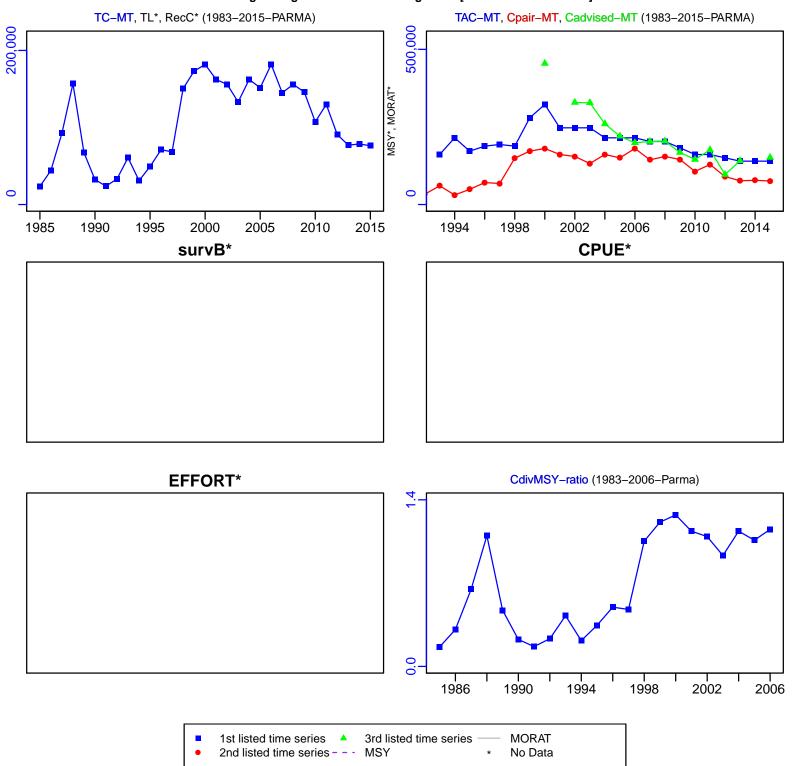
Metadata			
Scientific Name	Macruronus magellanicus		
Current Assess ID INIDEP-PATGRENADIERSARG-1983-2015-PARMA			
Area Southern Argentina			
Management Authority	Consejo Federal Pesquero, Argentina national management		
Assessor	Instituto Nacional de Investigacion y Desarrollo Pesquero		
Asmts in RAM	2006, 2015		

Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	TBmsy-MT	2006	642,031	
SSBmsy	SSBmsy-pr-MT	2015	308,244	
Fmsy	Fmsy-pr-1/yr	2015	0.264	
ERmsy	ERmsy-ratio	2006	0.206	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	-	-	-	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	SSB0-MT	2015	492,240	
MSY	MSY-MT	2006	132,131	
М	M-1/yr	2015	0.35	
TBlim	TBlim-MT	2006	415,041	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2015	4×10^5	-	1+
SSB	SSB-MT	2015	206,000	-	3+
TN	-	-	-	-	-
R	R-E00	2015	338,000	-	1
F	F-1/yr	2015	0.288	-	4 to 11+
ER	ER-calc-ratio	2015	0.176	-	-
TC	TC-MT	2015	70,500		
TL	-	-	-		
TB/TBmsy	TB-MT/TBmsy-MT	2006	2.149		
SSB/SSBmsy	SSB-MT/SSBmsy-pr-MT	2015	0.668		
F/Fmsy	F-1/yr/Fmsy-pr-1/yr	2015	1.091		
ER/ERmsy	ER-ratio/ERmsy-ratio	2006	0.534		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		





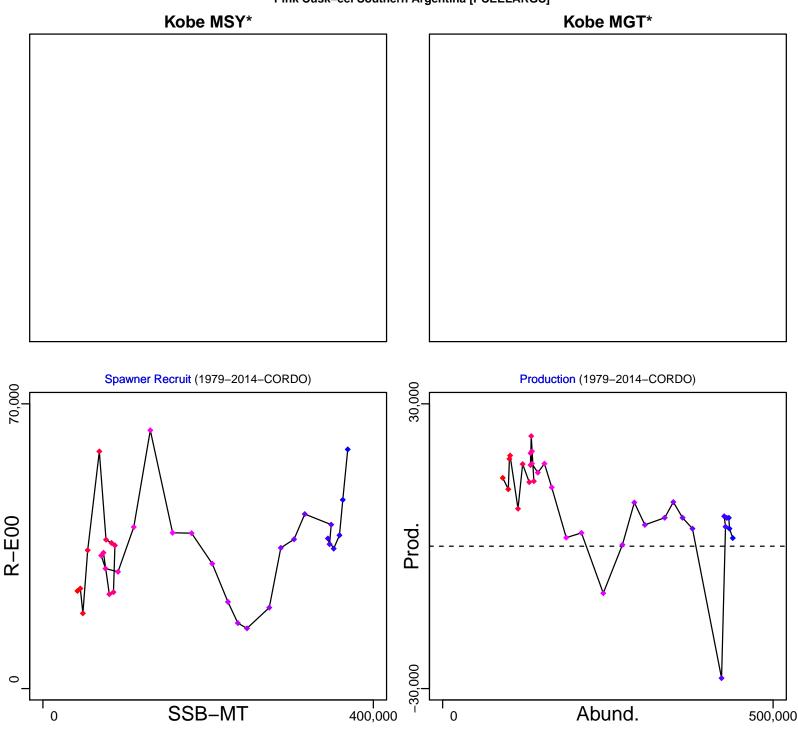


Pink Cusk-eel Southern Argentina [PCEELARGS]

Metadata			
Scientific Name	Genypterus blacodes		
Current Assess ID INIDEP-PCEELARGS-1979-2014-CORDO			
Area Southern Argentina			
Management Authority	Consejo Federal Pesquero, Argentina national management		
Assessor	Instituto Nacional de Investigacion y Desarrollo Pesquero		
Asmts in RAM	2014		

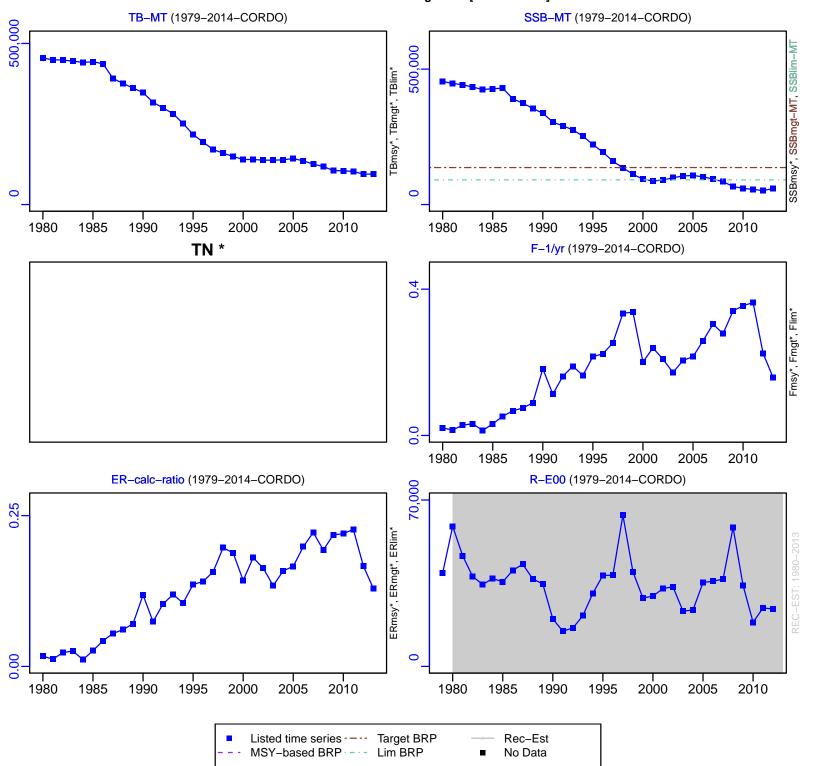
Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	-	-	-	
Fmsy	-	-	-	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	SSBmgt-MT	2014	110,823	
Fmgt	-	-	-	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	-	-	-	
MSY	MSY-MT	2014	11,700	
М	M-1/yr	2014	0.2	
TBlim	-	-	-	
SSBlim	SSBlim-MT	2014	73,882	
Flim	-	-	-	
ERlim	-	-	-	

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2014	91,600	-	-
SSB	SSB-MT	2014	48,000	-	-
TN	-	-	-	-	-
R	R-E00	2014	24,000	Both	1
F	F-1/yr	2014	0.139	-	-
ER	ER-calc-ratio	2014	0.117	-	-
TC	TC-MT	2014	9480		
TL	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	1		
F/Fmsy	-	-	ı		
ER/ERmsy	-	-	1		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2014	0.433		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

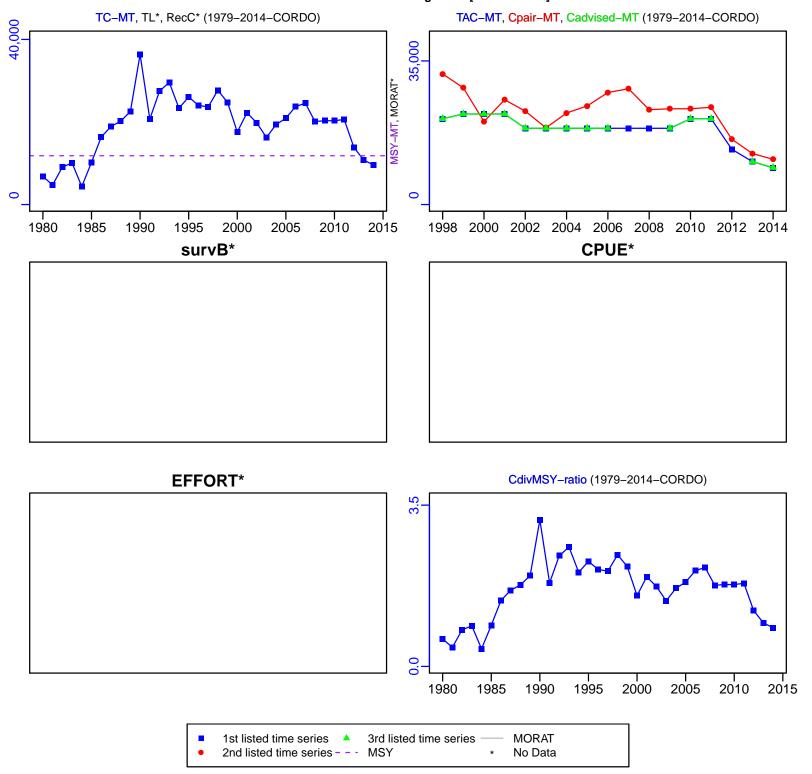


Start Year → End Year → No Data

Pink Cusk-eel Southern Argentina [PCEELARGS]



Pink Cusk-eel Southern Argentina [PCEELARGS]

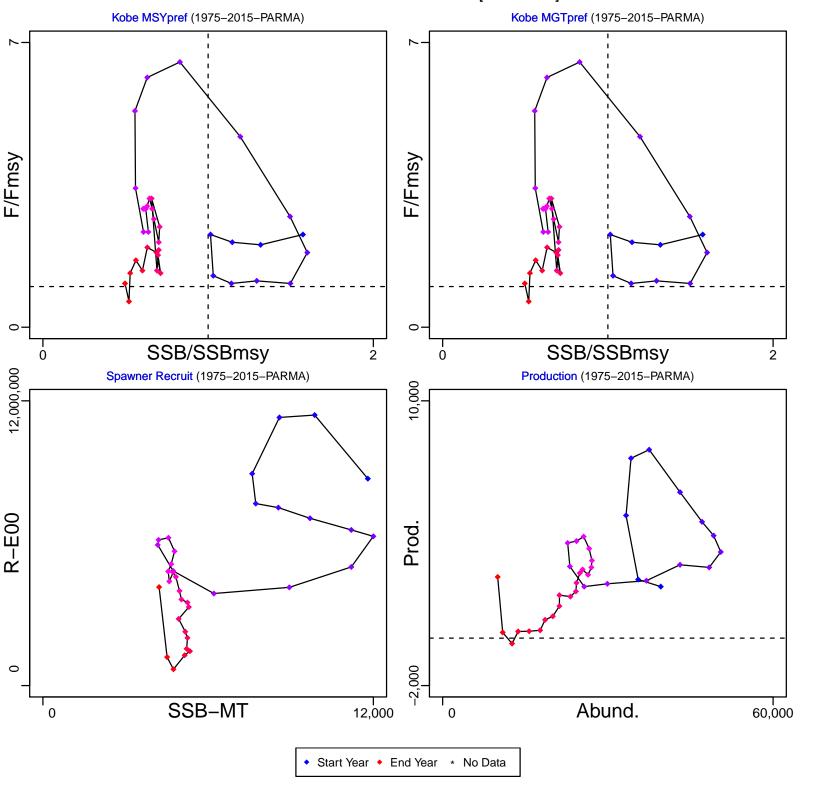


Pink cusk-eel Central-Southern Chile [PCEELCSCH]

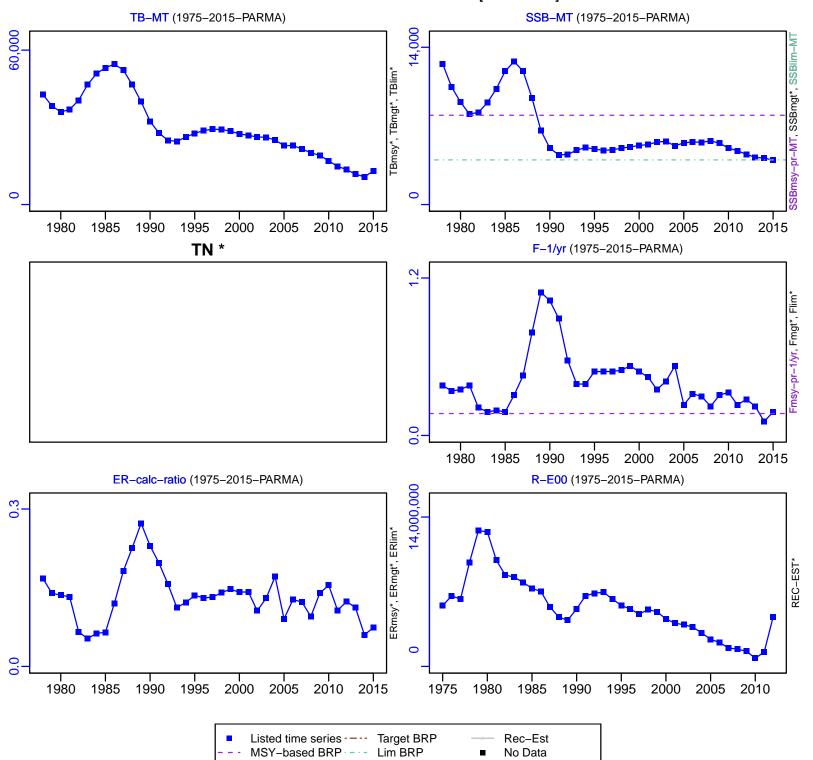
Metadata			
Scientific Name	Genypterus blacodes		
Current Assess ID IFOPCH-PCEELCSCH-1975-2015-PARMA			
Area Central-Southern Chile			
Management Authority Subsecretaria de Pesca			
Assessor	Instituto de Fomento Pesquero - Chilean Fisheries Development Institute		
Asmts in RAM	2015		

Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	SSBmsy-pr-MT	2015	7492	
Fmsy	Fmsy-pr-1/yr	2015	0.158	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	-	-	-	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	SSB0-MT	2015	18,700	
MSY	-	-	-	
М	M-1/yr	2015	0.27	
TBlim	-	-	-	
SSBlim	SSBlim-MT	2015	3746	
Flim	-	-	-	
ERlim	-	-	-	

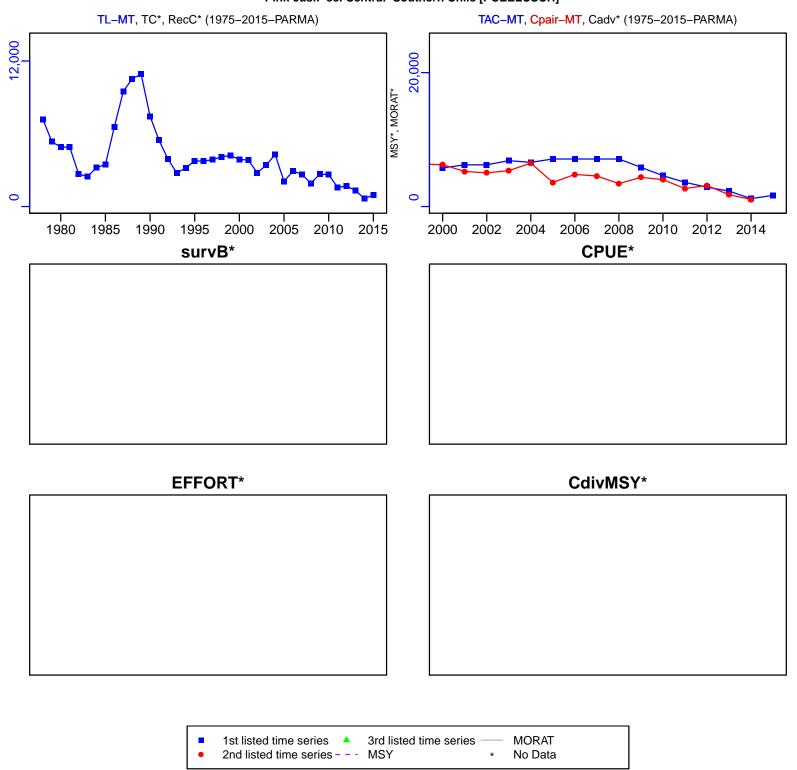
Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2015	12,000	-	-
SSB	SSB-MT	2015	3720	-	-
TN	-	-	-	-	-
R	R-E00	2015	4,150,000	-	3
F	F-1/yr	2015	0.17	-	-
ER	ER-calc-ratio	2015	0.07	-	-
TC	-	-	-		
TL	TL-MT	2015	833		
TB/TBmsy	-	-	-		
SSB/SSBmsy	SSB-MT/SSBmsy-pr-MT	2015	0.497		
F/Fmsy	F-1/yr/Fmsy-pr-1/yr	2015	1.076		
ER/ERmsy	1	-	-		
TB/TBmgt	1	-	-		
SSB/SSBmgt	1	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		



Pink cusk-eel Central-Southern Chile [PCEELCSCH]



Pink cusk-eel Central-Southern Chile [PCEELCSCH]

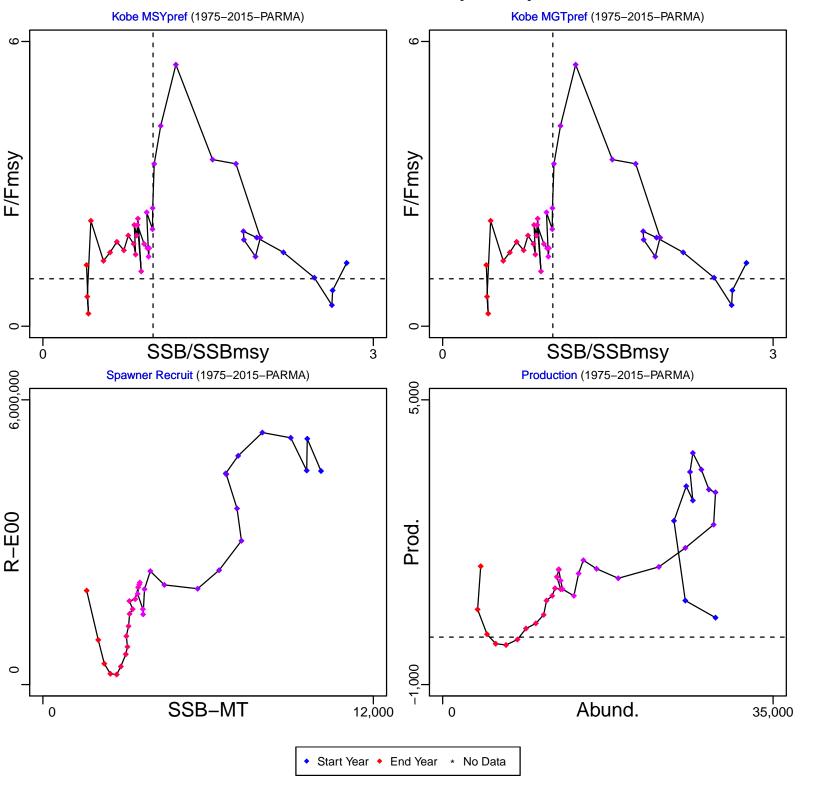


Pink cusk-eel Southern Chile [PCEELSCH]

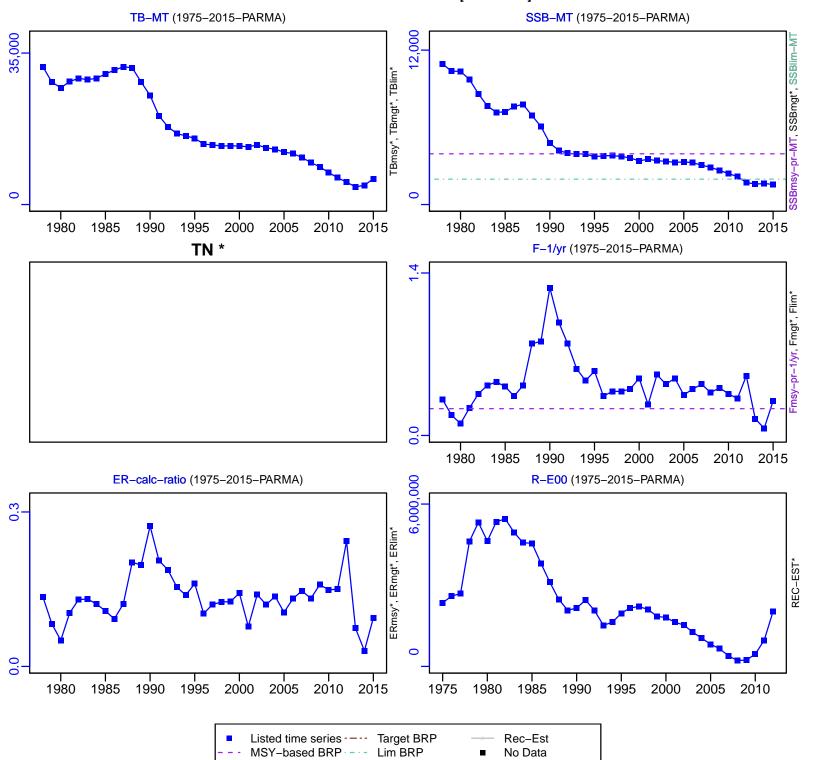
Metadata			
Scientific Name	Genypterus blacodes		
Current Assess ID	IFOPCH-PCEELSCH-1975-2015-PARMA		
Area Southern Chile			
Management Authority	Subsecretaria de Pesca		
Assessor	Instituto de Fomento Pesquero - Chilean Fisheries Development Institute		
Asmts in RAM	2015		

Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	SSBmsy-pr-MT	2015	3650	
Fmsy	Fmsy-pr-1/yr	2015	0.225	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	-	-	-	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	SSB0-MT	2015	18,700	
MSY	-	-	-	
М	M-1/yr	2015	0.23	
TBlim	-	-	-	
SSBlim	SSBlim-MT	2015	1825	
Flim	-	-	-	
ERlim	-	-	-	

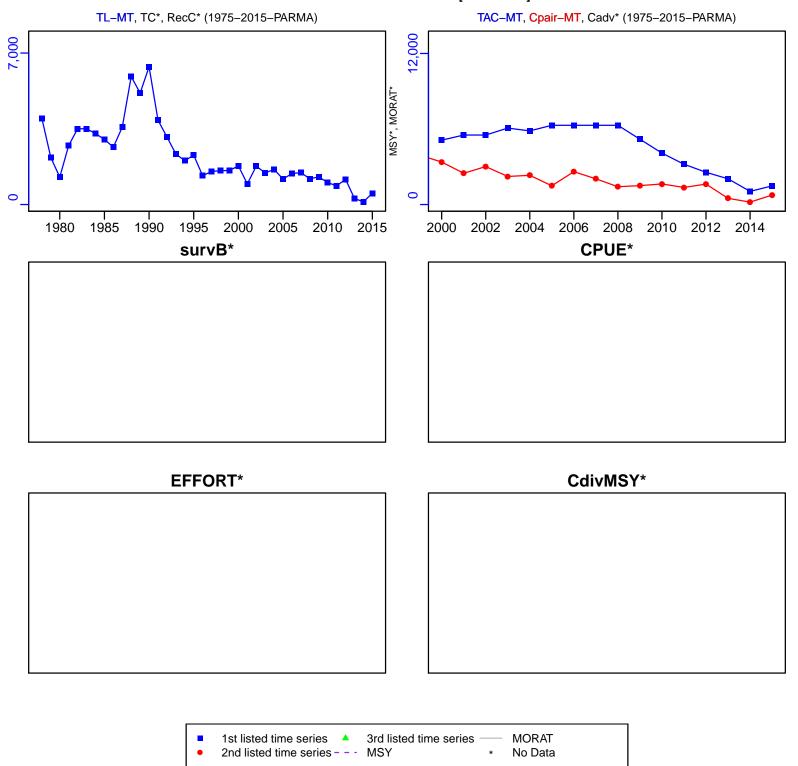
Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2015	5410	-	-
SSB	SSB-MT	2015	1450	-	-
TN	-	-	-	-	-
R	R-E00	2015	1,980,000	-	3
F	F-1/yr	2015	0.29	-	-
ER	ER-calc-ratio	2015	0.087	-	-
TC	-	-	-		
TL	TL-MT	2015	472		
TB/TBmsy	-	-	-		
SSB/SSBmsy	SSB-MT/SSBmsy-pr-MT	2015	0.396		
F/Fmsy	F-1/yr/Fmsy-pr-1/yr	2015	1.289		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		



Pink cusk-eel Southern Chile [PCEELSCH]



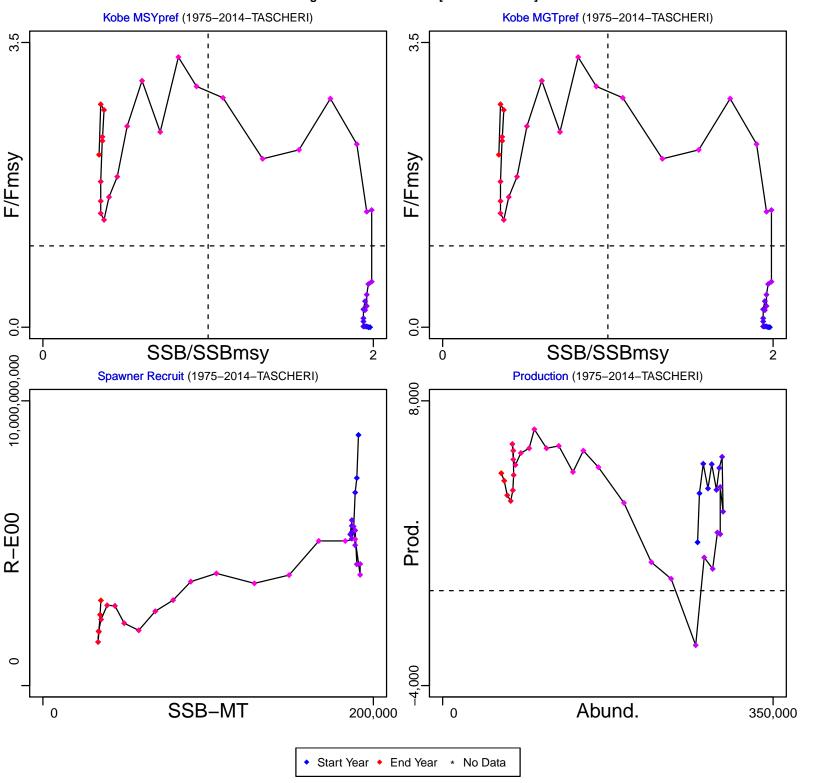
Pink cusk-eel Southern Chile [PCEELSCH]

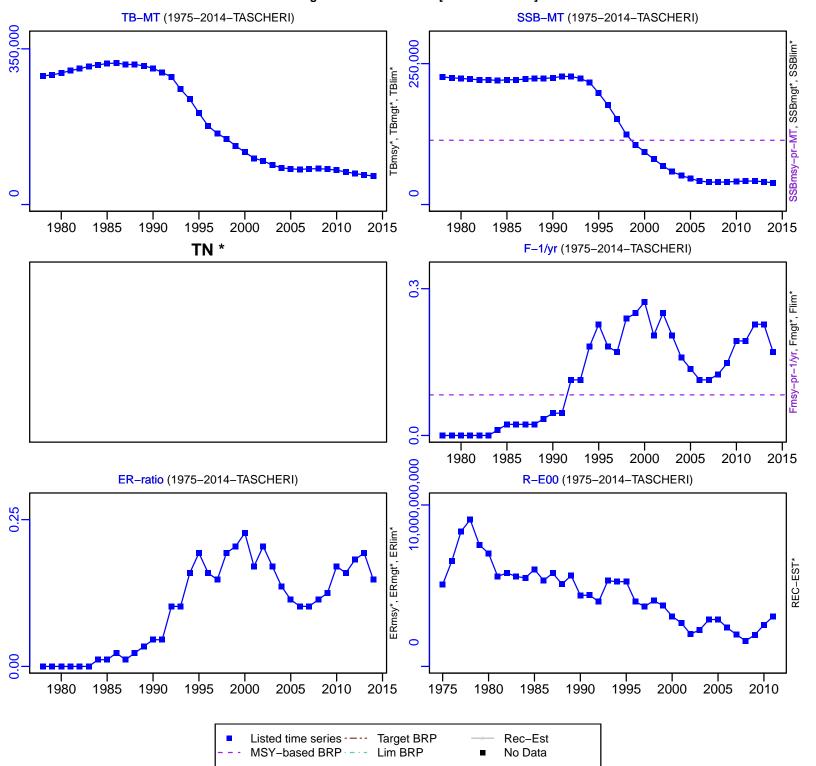


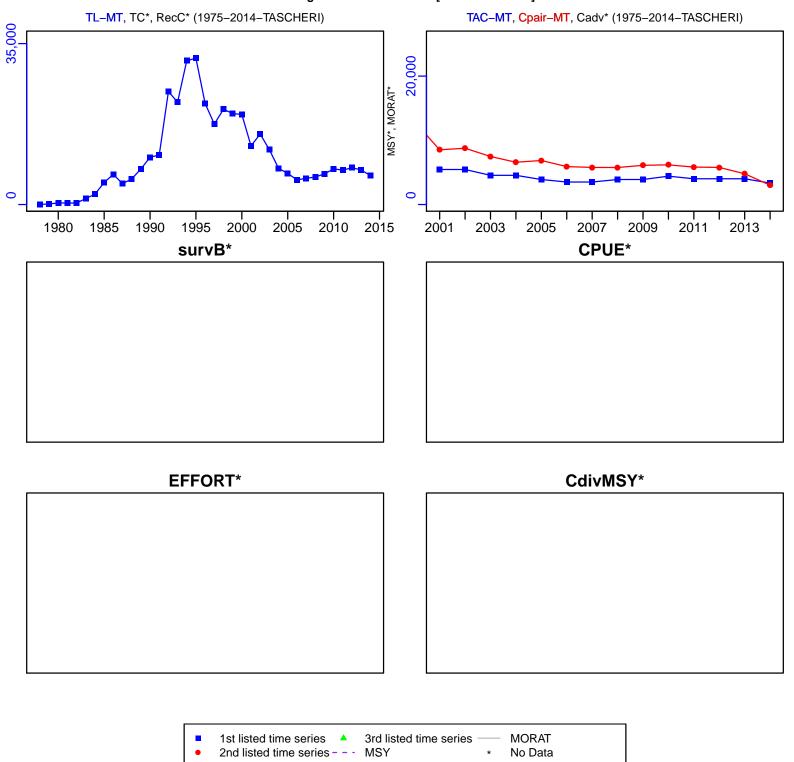
Metadata			
Scientific Name	Dissostichus eleginoides		
Current Assess ID IFP-PTOOTHFISHCH-1975-2014-TASCHERI			
Area South Chile Argentina			
Management Authority Separate management by Chile (SUBPESCA) and Argentina (CFI			
Assessor	Instituto de Fomento Pesquero - Chilean Fisheries Development Institute		
Asmts in RAM	2014, 2011		

Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	SSBmsy-pr-MT	2014	96,304	
Fmsy	Fmsy-pr-1/yr	2014	0.073	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	-	-	-	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	-	-	-	
MSY	-	-	-	
М	M-1/yr	2014	0.15	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

	Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age	
ТВ	TB-MT	2014	59,800	-	-	
SSB	SSB-MT	2014	32,600	-	3 to 30+	
TN	-	-	-	-	-	
R	R-E00	2014	2.99×10^{9}	-	3	
F	F-1/yr	2014	0.15	-	-	
ER	ER-ratio	2014	0.13	-	-	
TC	-	-	-			
TL	TL-MT	2014	6100			
TB/TBmsy	-	-	-			
SSB/SSBmsy	SSBdivSSBmsy-dimensionless	2014	0.34			
F/Fmsy	FdivFmsy-dimensionless	2014	2.12			
ER/ERmsy	-	-	-			
TB/TBmgt	-	-	-			
SSB/SSBmgt	-	-	-			
F/Fmgt	-	-	-			
ER/ERmgt	-	-	-			



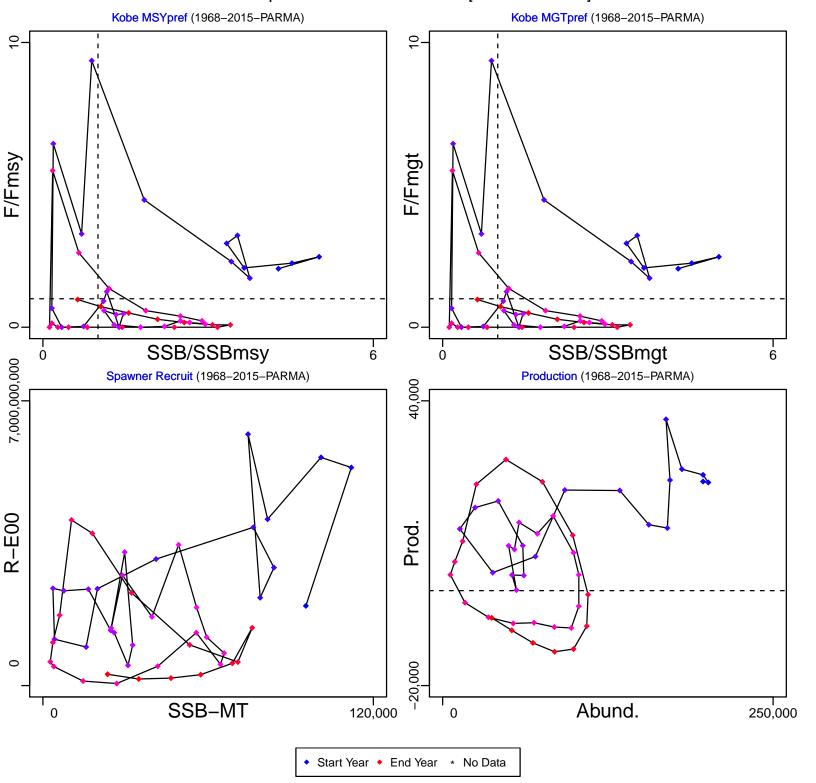


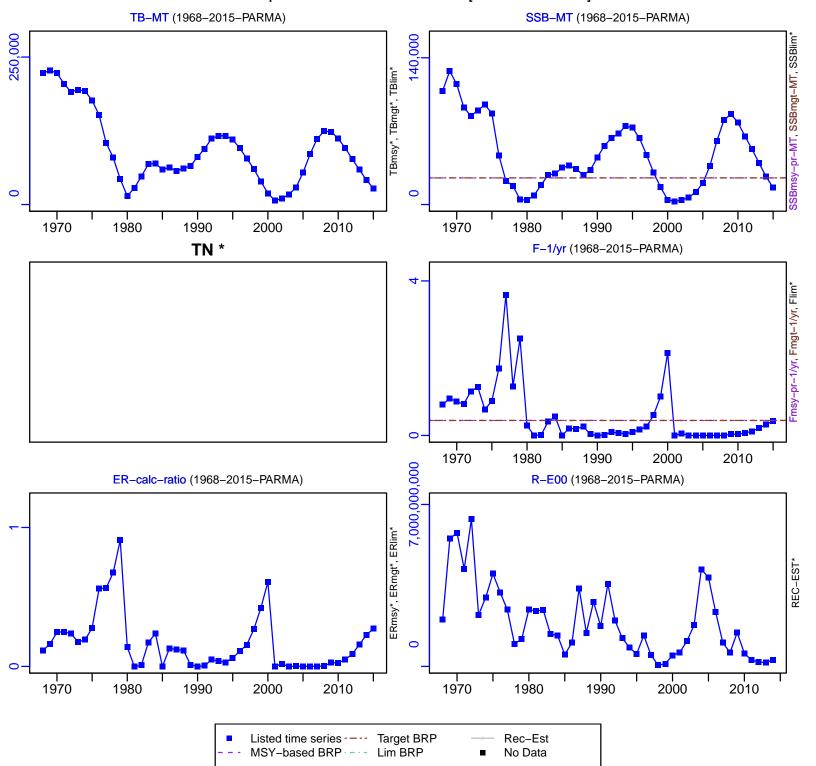


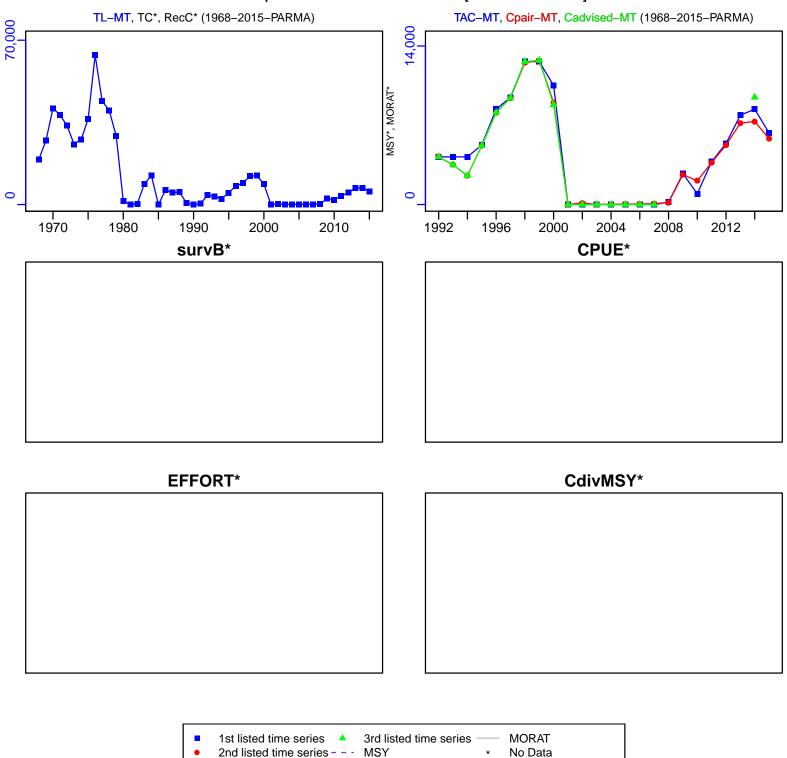
Metadata			
Scientific Name	Pleuroncodes monodon		
Current Assess ID	IFOPCH-RSQLOBSTERCSCH-1968-2015-PARMA		
Area Central-Southern Chile			
Management Authority Subsecretaria de Pesca			
Assessor	Instituto de Fomento Pesquero - Chilean Fisheries Development Institute		
Asmts in RAM	2015		

Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	SSBmsy-pr-MT	2015	22,330	
Fmsy	Fmsy-pr-1/yr	2015	0.36	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	SSBmgt-MT	2015	22,330	
Fmgt	Fmgt-1/yr	2015	0.36	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	-	-	-	
MSY	-	-	-	
M	M-1/yr	2015	0.35	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

	Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age	
ТВ	TB-MT	2015	24,400	Both	-	
SSB	SSB-MT	2015	14,100	Both	-	
TN	-	-	-	-	-	
R	R-E00	2015	2.78×10^{8}	Both	1	
F	F-1/yr	2015	0.35	Both	-	
ER	ER-calc-ratio	2015	0.226	-	-	
TC	-	-	-			
TL	TL-MT	2015	5520			
TB/TBmsy	-	-	-			
SSB/SSBmsy	SSB-MT/SSBmsy-pr-MT	2015	0.631			
F/Fmsy	F-1/yr/Fmsy-pr-1/yr	2015	0.972			
ER/ERmsy	-	-	-			
TB/TBmgt	-	-	-			
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2015	0.631			
F/Fmgt	F-1/yr/Fmgt-1/yr	2015	0.972			
ER/ERmgt	-	-	-			



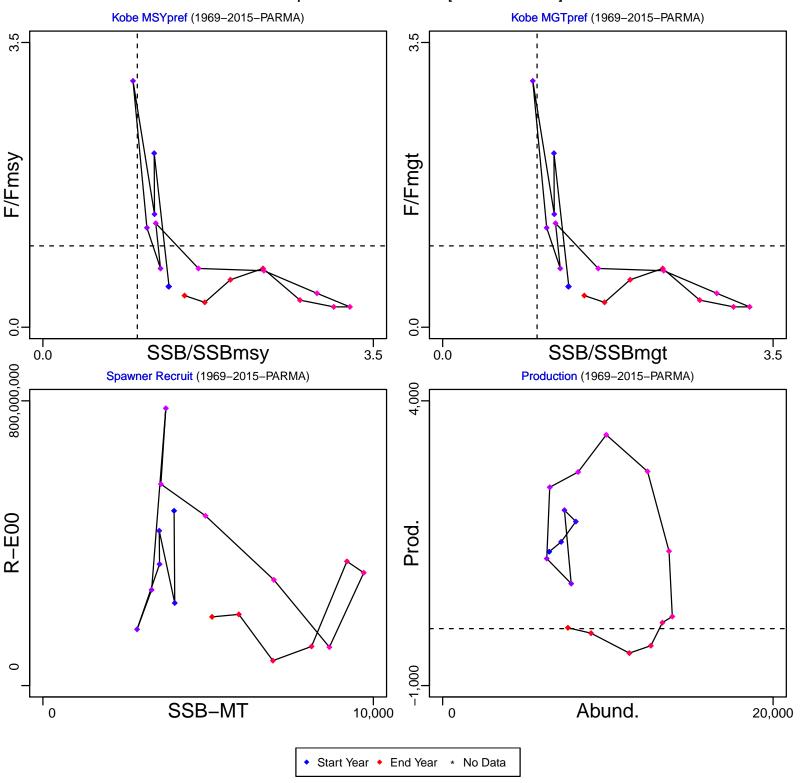


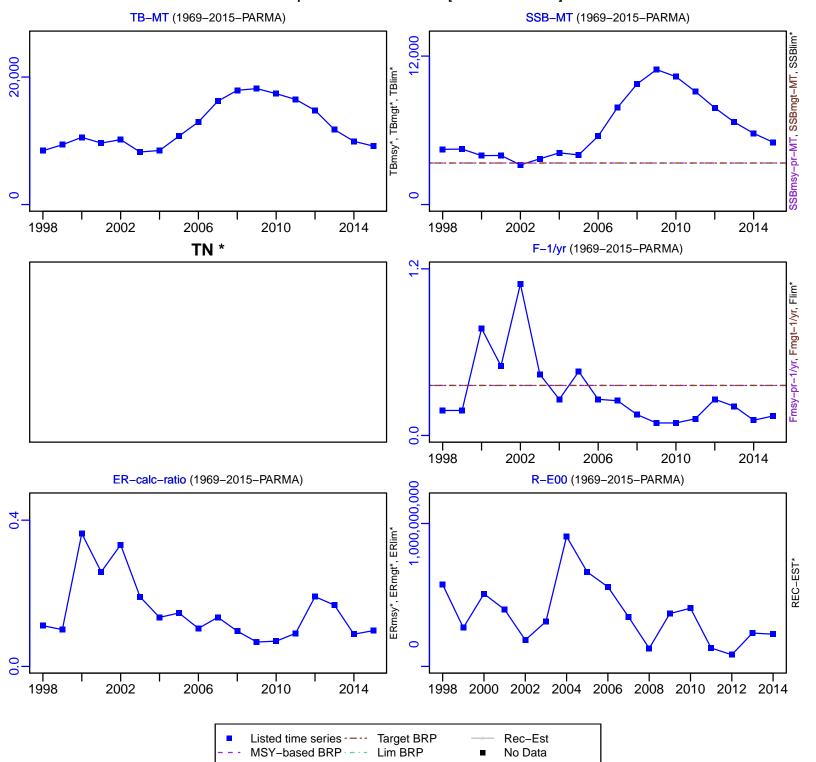


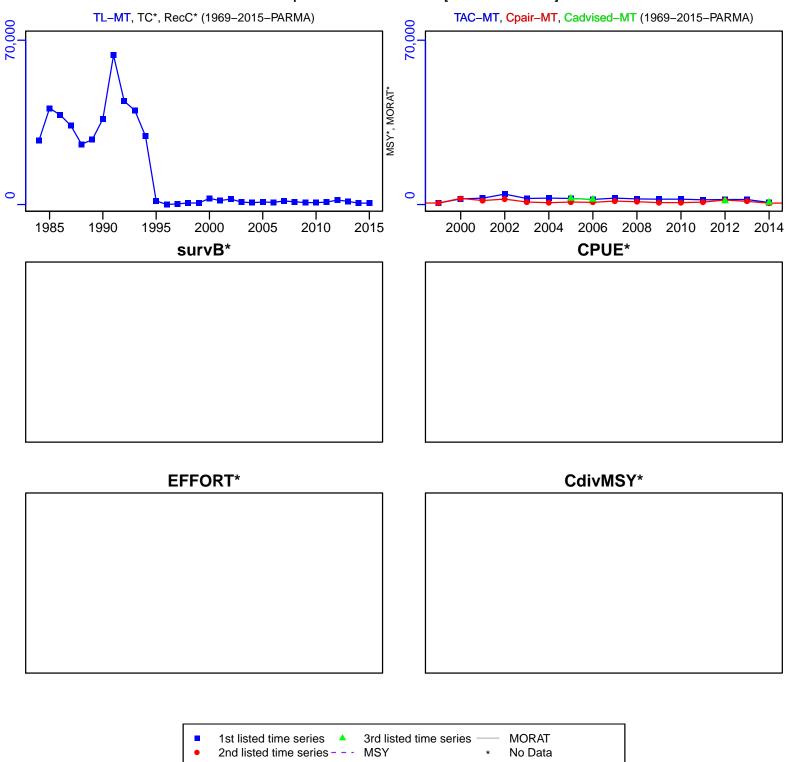
Metadata			
Scientific Name	Pleuroncodes monodon		
Current Assess ID IFOPCH-RSQLOBSTERNCH-1969-2015-PARMA			
Area Northern Chile			
Management Authority Subsecretaria de Pesca			
Assessor	Instituto de Fomento Pesquero - Chilean Fisheries Development Institute		
Asmts in RAM	2015		

Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	SSBmsy-pr-MT	2015	2986	
Fmsy	Fmsy-pr-1/yr	2015	0.36	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	SSBmgt-MT	2015	2986	
Fmgt	Fmgt-1/yr	2015	0.36	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	-	-	-	
MSY	-	-	-	
М	M-1/yr	2015	0.35	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2015	7010	Both	-
SSB	SSB-MT	2015	4480	Both	-
TN	-	-	-	-	-
R	R-E00	2015	1.93×10^{8}	Both	1
F	F-1/yr	2015	0.14	Both	-
ER	ER-calc-ratio	2015	0.086	-	-
TC	-	-	-		
TL	TL-MT	2015	602		
TB/TBmsy	-	-	-		
SSB/SSBmsy	SSB-MT/SSBmsy-pr-MT	2015	1.5		
F/Fmsy	F-1/yr/Fmsy-pr-1/yr	2015	0.389		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2015	1.5		
F/Fmgt	F-1/yr/Fmgt-1/yr	2015	0.389		
ER/ERmgt	-	-	-		





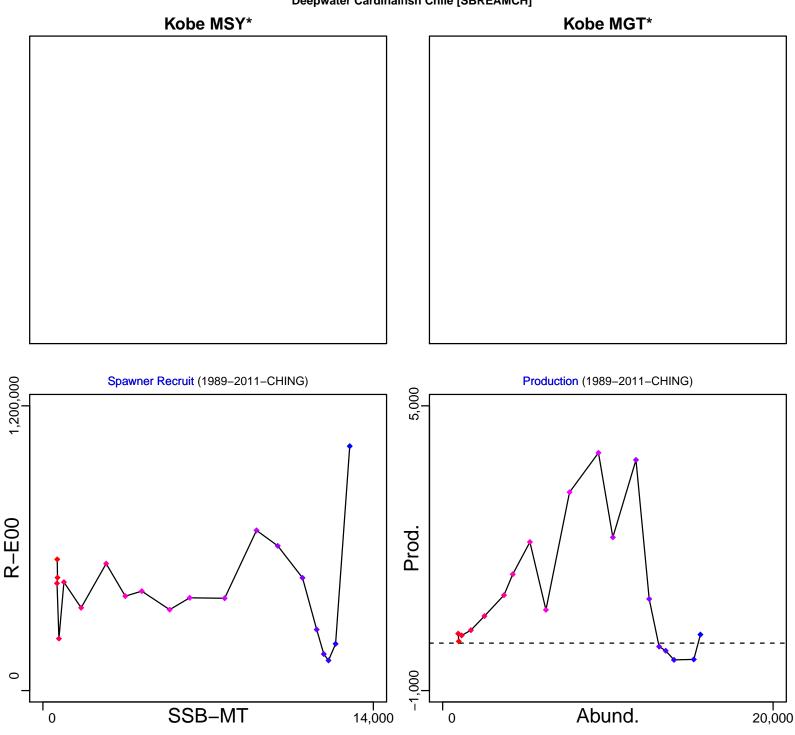


Deepwater Cardinalfish Chile [SBREAMCH]

Metadata				
Scientific Name	Epigonus crassicaudus			
Current Assess ID	SPRFMO-SBREAMCH-1989-2011-CHING			
Area	Chilean EEZ and offshore			
Management Authority	South Pacific Regional Fisheries Management Organization			
Assessor	South Pacific Regional Fisheries Management Organizati			
Asmts in RAM	2011			

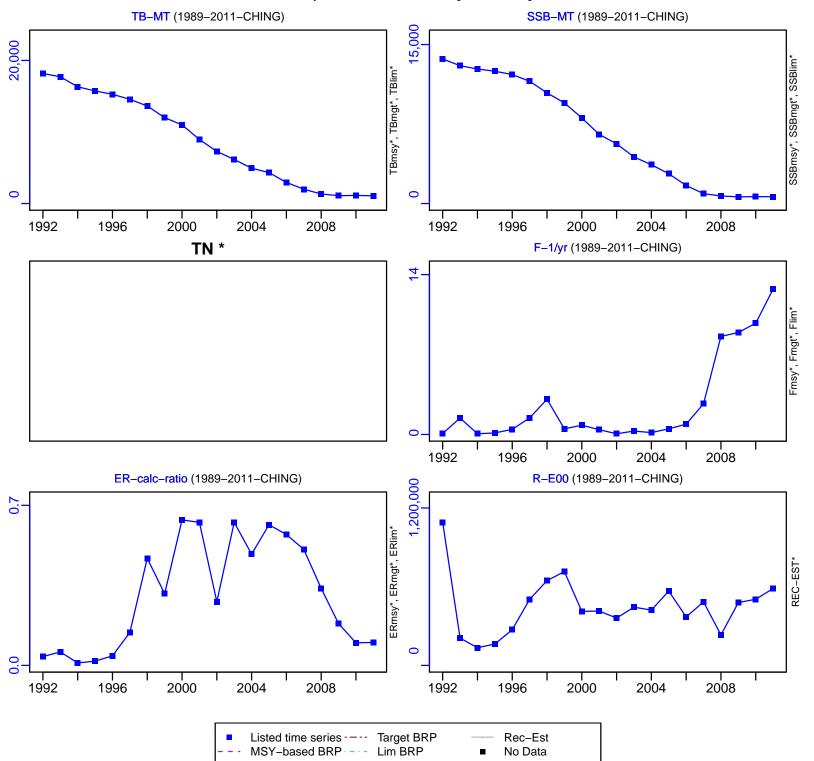
Reference Points							
Туре	ID	Asmt Year	Value				
TBmsy	-	-	-				
SSBmsy	-	-	-				
Fmsy	-	-	-				
ERmsy	-	-	-				
TBmgt	-	-	-				
SSBmgt	-	-	-				
Fmgt	-	-	-				
ERmgt	-	-	-				
TB0	-	-	-				
SSB0	-	-	-				
MSY	-	-	-				
М	-	-	-				
TBlim	-	-	-				
SSBlim	-	-	-				
Flim	-	-	-				
ERlim	-	-	-				

Time Series								
Туре	ID	Asmt Year	Curr Value	Sex	Age			
ТВ	TB-MT	2011	920	-	-			
SSB	SSB-MT	2011	607	-	-			
TN	-	-	-	-	-			
R	R-E00	2011	553,000	-	-			
F	F-1/yr	2011	12.2	-	-			
ER	ER-calc-ratio	2011	0.097	-	-			
TC	-	-	-					
TL	TL-MT	2011	89]				
TB/TBmsy	-	-	-]				
SSB/SSBmsy	-	-	-					
F/Fmsy	-	-	-					
ER/ERmsy	1	-	-					
TB/TBmgt	1	-	-					
SSB/SSBmgt	-	-	-					
F/Fmgt	-	-	-					
ER/ERmgt	-	-	-					

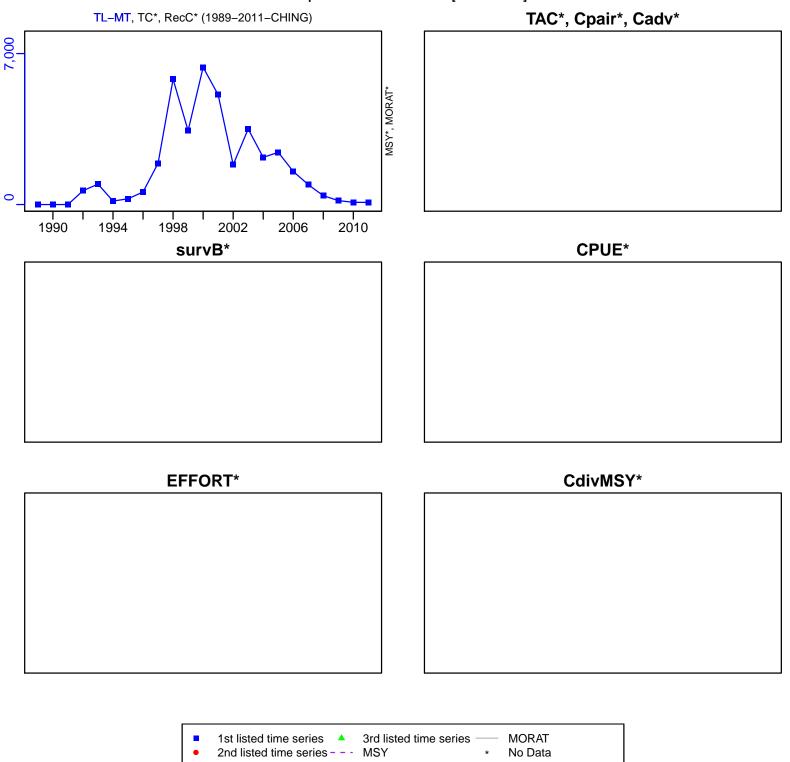


Start Year → End Year → No Data

Deepwater Cardinalfish Chile [SBREAMCH]



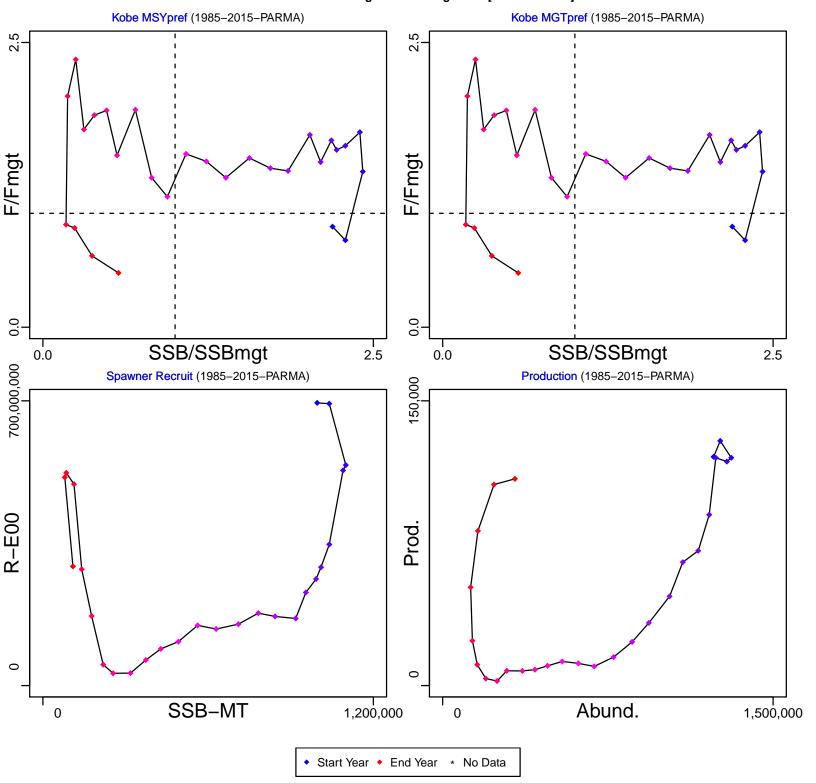
Deepwater Cardinalfish Chile [SBREAMCH]

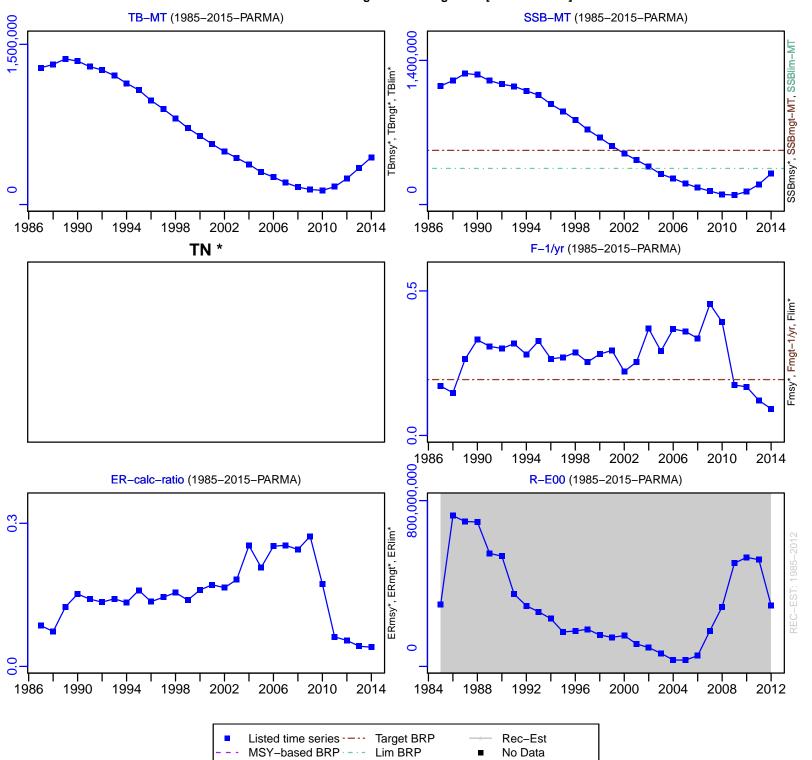


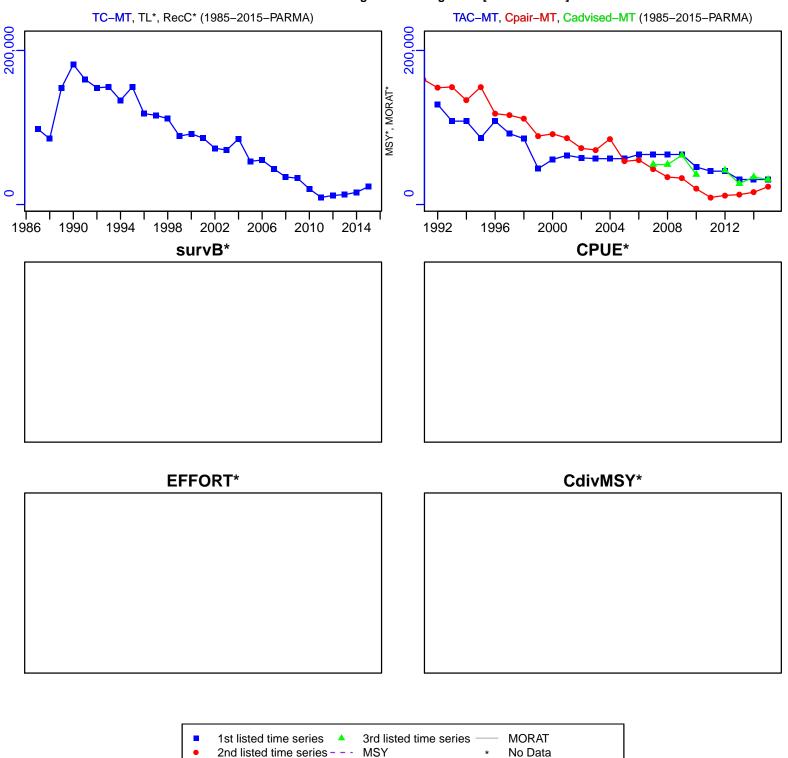
Metadata			
Scientific Name	Micromesistius australis		
Current Assess ID INIDEP-SBWHITARGS-1985-2015-PARMA			
Area Southern Argentina			
Management Authority	Consejo Federal Pesquero, Argentina national management		
Assessor	Instituto Nacional de Investigacion y Desarrollo Pesquero		
Asmts in RAM	2007, 2015		

	Reference Points				
Туре	ID	Asmt Year	Value		
TBmsy	-	-	-		
SSBmsy	-	-	-		
Fmsy	-	-	-		
ERmsy	-	-	-		
TBmgt	-	-	-		
SSBmgt	SSBmgt-MT	2015	454,500		
Fmgt	Fmgt-1/yr	2015	0.168		
ERmgt	-	-	-		
TB0	-	-	-		
SSB0	SSB0-MT	2015	1,515,000		
MSY	-	-	-		
М	M-1/yr	2015	0.15		
TBlim	-	-	-		
SSBlim	SSBlim-MT	2015	303,000		
Flim	-	-	-		
ERlim	-	-	-		

	Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age	
ТВ	TB-MT	2015	425,000	-	1+	
SSB	SSB-MT	2015	260,000	Both	3+	
TN	-	-	-	-	-	
R	R-E00	2015	2.93×10^{8}	-	1	
F	F-1/yr	2015	0.08	-	7 to 21+	
ER	ER-calc-ratio	2015	0.035	-	-	
TC	TC-MT	2015	21,400			
TL	-	-	-			
TB/TBmsy	-	-	-			
SSB/SSBmsy	-	-	-			
F/Fmsy	-	-	-			
ER/ERmsy	-	-	-			
TB/TBmgt	-	-	-			
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2015	0.572			
F/Fmgt	F-1/yr/Fmgt-1/yr	2015	0.477			
ER/ERmgt	-	-	-			



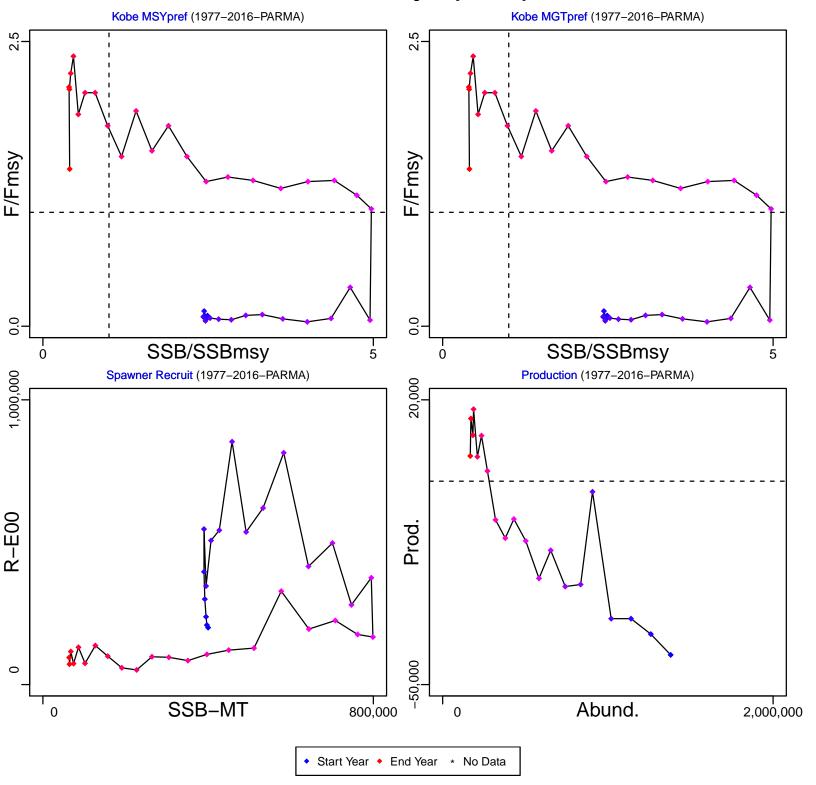


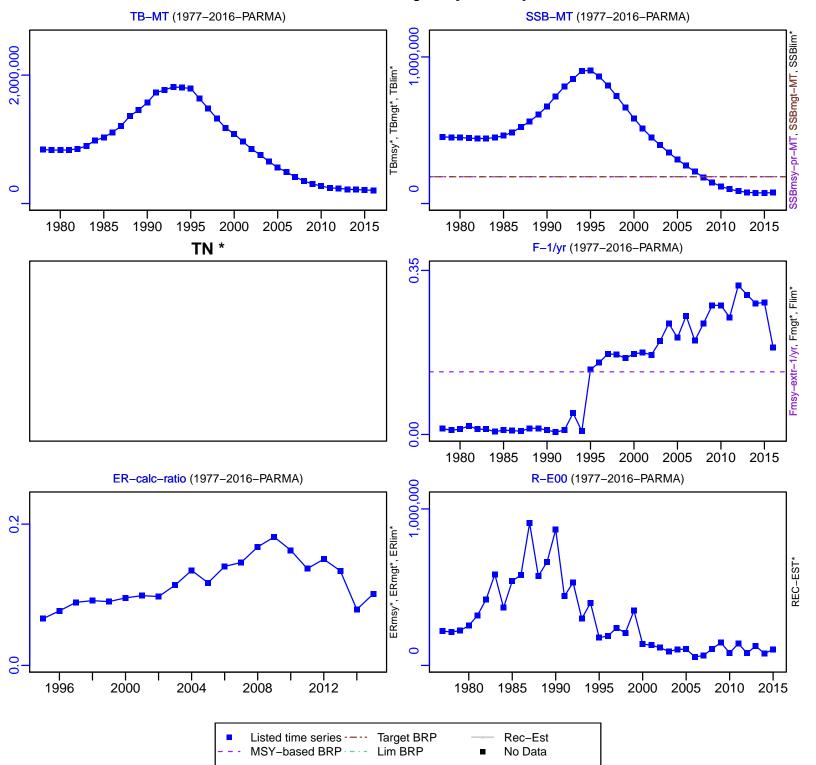


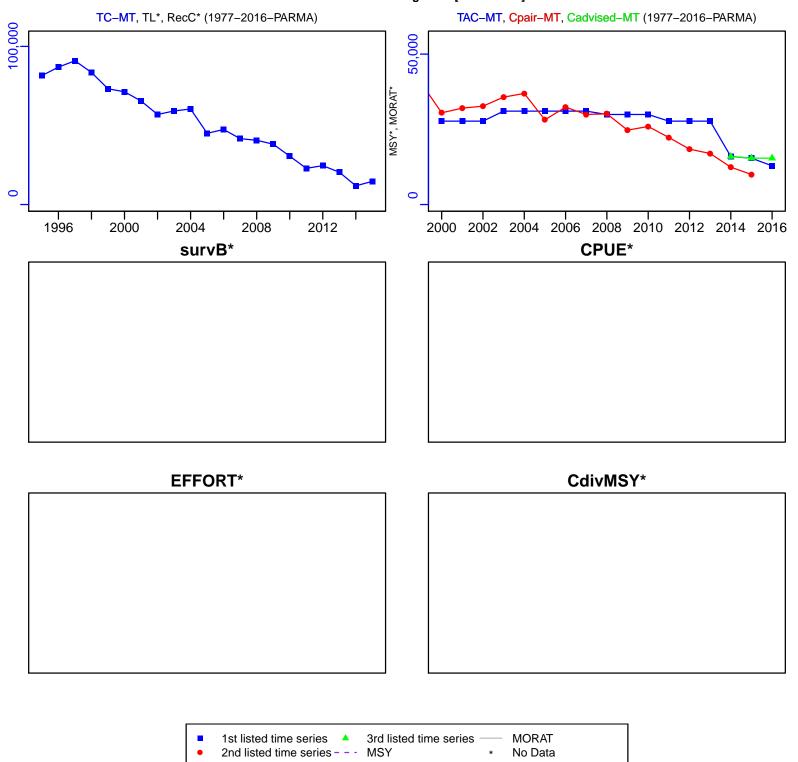
Metadata			
Scientific Name	Micromesistius australis		
Current Assess ID IFOPCH-SBWHITCH-1977-2016-PARMA			
Area Central-Southern Chile			
Management Authority Subsecretaria de Pesca			
Assessor	Instituto de Fomento Pesquero - Chilean Fisheries Development Institute		
Asmts in RAM	2015, 2016, 2012		

Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	SSBmsy-pr-MT	2016	160,606	
Fmsy	Fmsy-extr-1/yr	2016	0.132	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	SSBmgt-MT	2016	160,606	
Fmgt	Fmgt-1/yr	2015	0.2	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	SSB0-MT	2016	401,516	
MSY	-	-	-	
М	M-1/yr	2016	0.18	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2016	159,000	Both	-
SSB	SSB-MT	2016	65,000	Both	-
TN	-	-	-	-	-
R	R-E00	2016	94,900	-	-
F	F-1/yr	2016	0.183	Both	-
ER	ER-calc-ratio	2016	0.086	-	-
TC	TC-MT	2016	13,900		
TL	TL-MT	2015	16,600		
TB/TBmsy	-	-	-		
SSB/SSBmsy	SSBdivSSBmsy-dimensionless	2016	0.405		
F/Fmsy	FdivFmsy-dimensionless	2016	1.38		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2016	0.405		
F/Fmgt	F-1/yr/Fmgt-1/yr	2015	1.02		
ER/ERmgt	-	-	-		



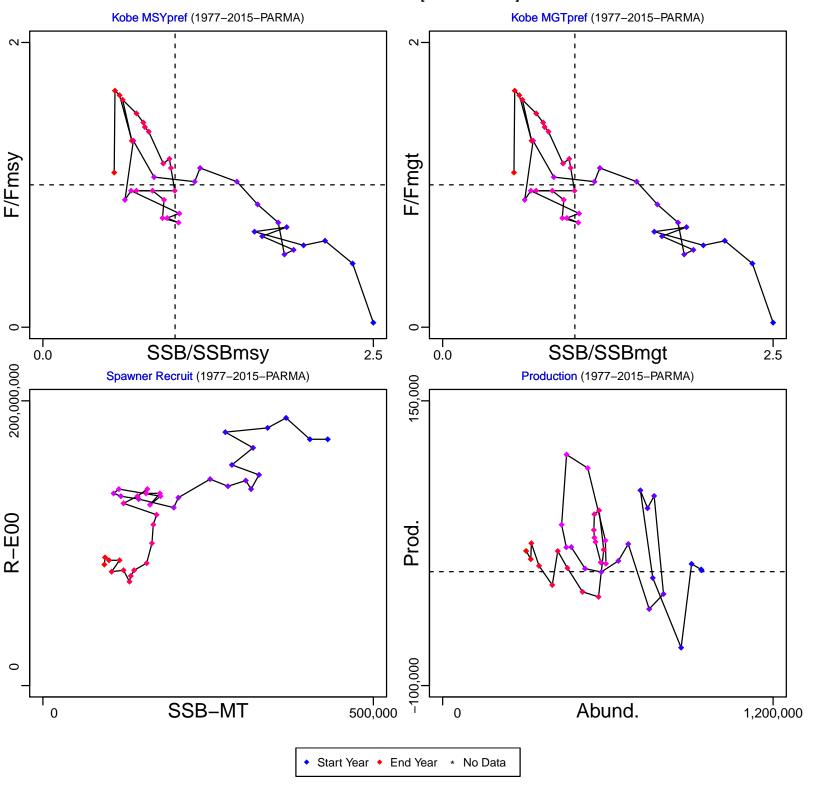


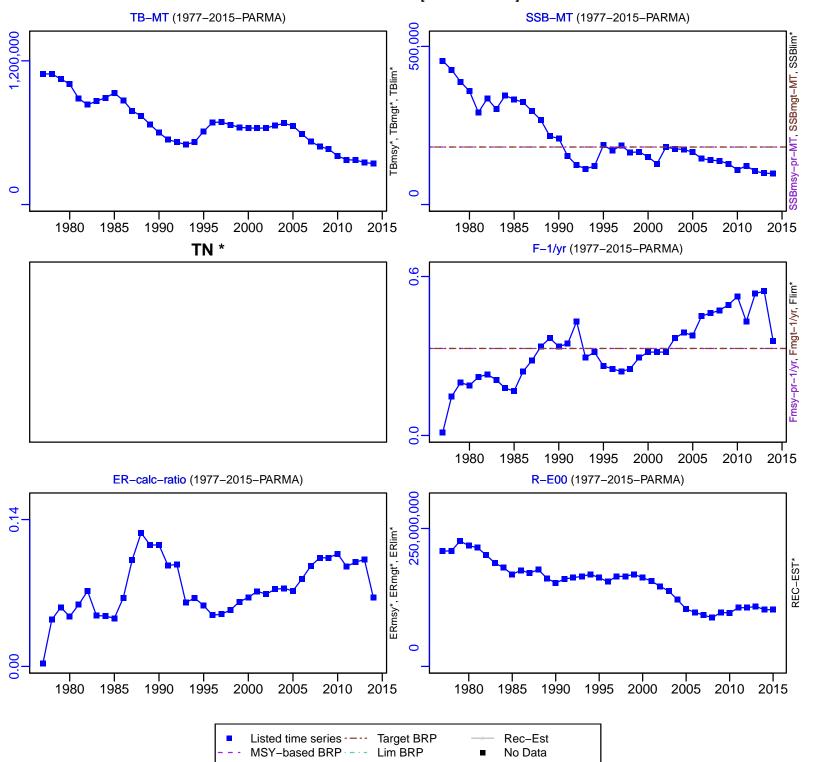


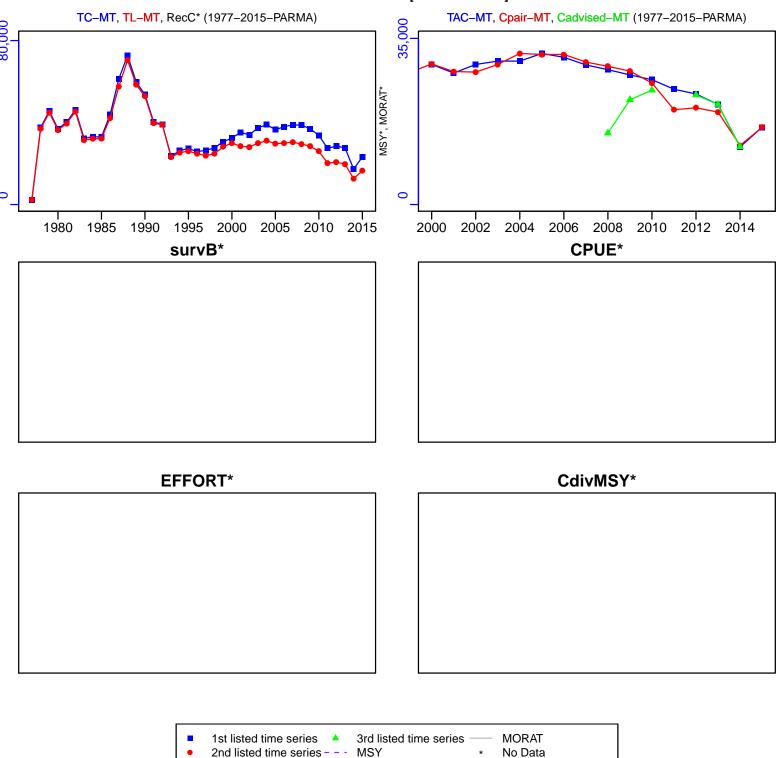
Metadata			
Scientific Name	Merluccius australis		
Current Assess ID	IFOPCH-SOUTHHAKECH-1977-2015-PARMA		
Area Central-Southern Chile			
Management Authority	Subsecretaria de Pesca		
Assessor	Instituto de Fomento Pesquero - Chilean Fisheries Development Institute		
Asmts in RAM	2011, 2015		

Reference Points				
Type	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	SSBmsy-pr-MT	2015	172,400	
Fmsy	Fmsy-pr-1/yr	2015	0.313	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	SSBmgt-MT	2015	172,400	
Fmgt	Fmgt-1/yr	2015	0.313	
ERmgt	-	-	-	
TB0	TB0-MT	2015	940,000	
SSB0	SSB0-MT	2015	431,000	
MSY	-	-	-	
М	M-1/yr	2015	0.21	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2015	294,000	-	-
SSB	SSB-MT	2015	93,000	-	-
TN	-	-	-	-	-
R	R-E00	2015	8.5×10^{7}	Both	1
F	F-1/yr	2015	0.34	Both	-
ER	ER-calc-ratio	2015	0.058	-	-
TC	TC-MT	2015	22,800		1
TL	TL-MT	2015	16,200		
TB/TBmsy	-	-	-		
SSB/SSBmsy	SSB-MT/SSBmsy-pr-MT	2015	0.539		
F/Fmsy	F-1/yr/Fmsy-pr-1/yr	2015	1.086		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2015	0.539		
F/Fmgt	F-1/yr/Fmgt-1/yr	2015	1.086		
ER/ERmgt	-	-	-		



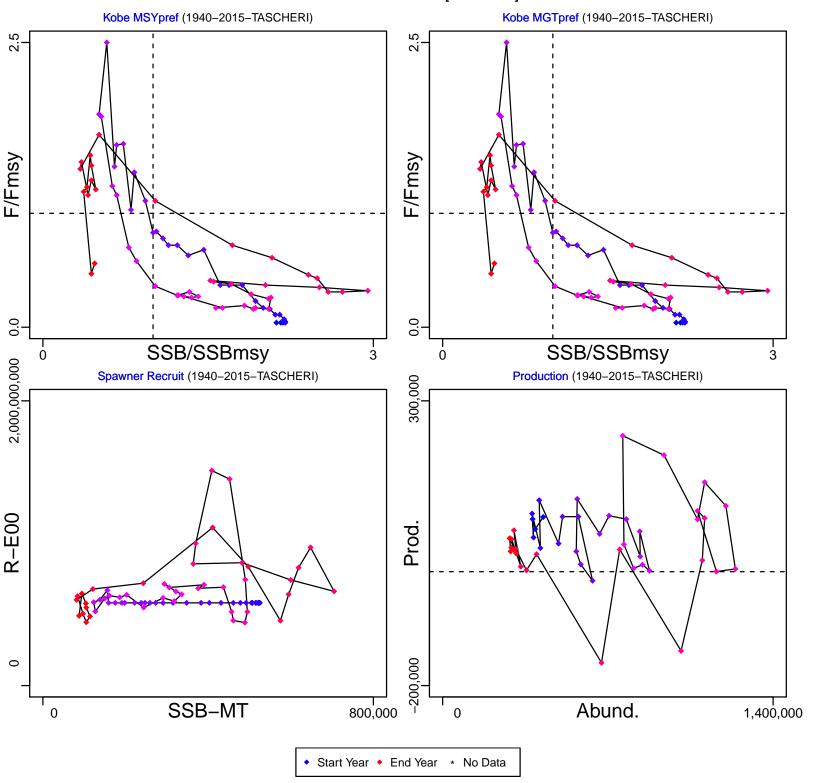


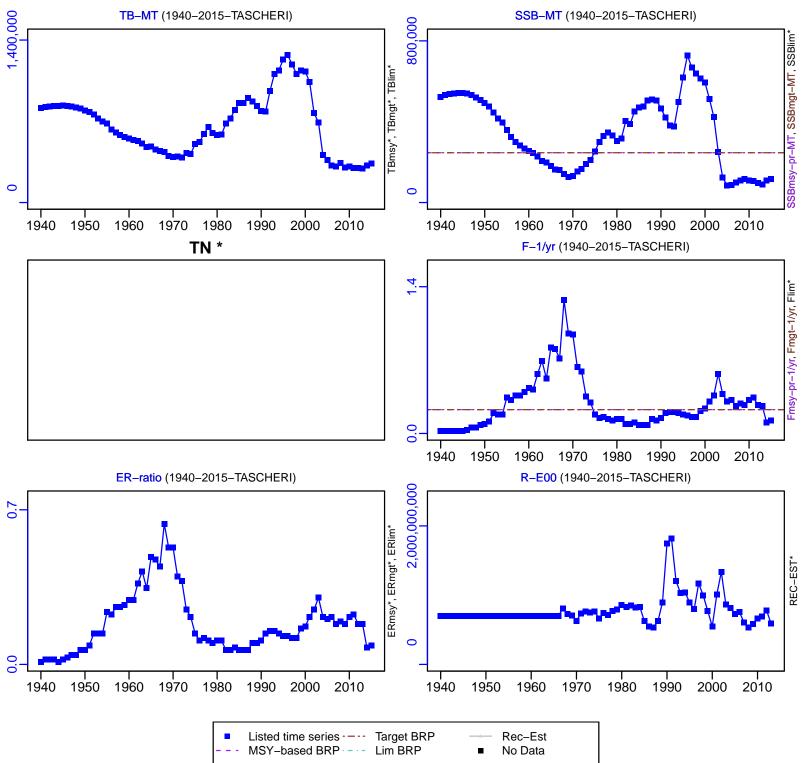


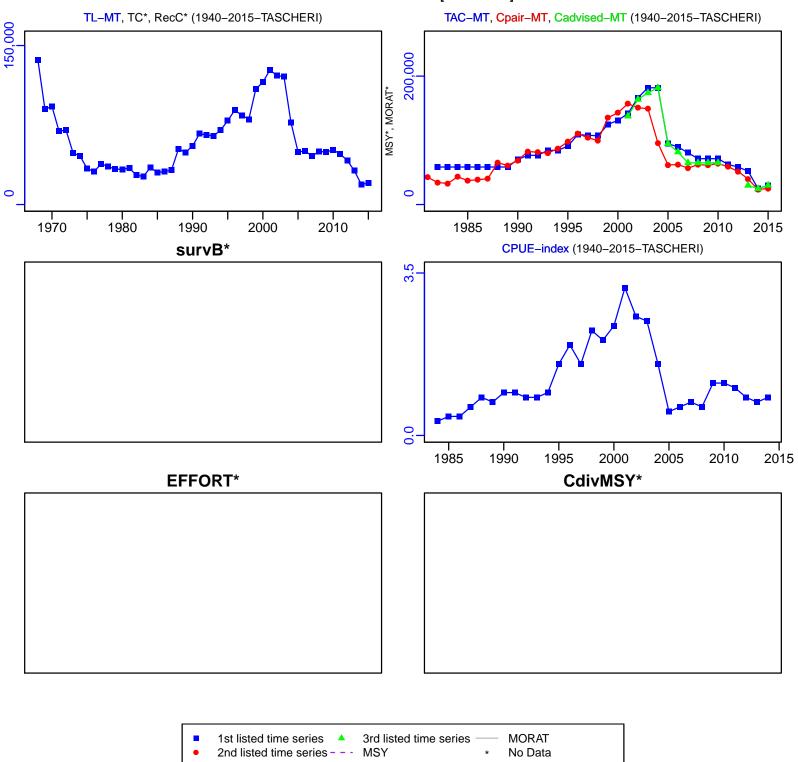
Metadata			
Scientific Name	Merluccius gayi		
Current Assess ID IFOPCH-SPHAKECH-1940-2015-TASCHERI			
Area Central-Southern Chile			
Management Authority Subsecretaria de Pesca			
Assessor	Instituto de Fomento Pesquero - Chilean Fisheries Development Institute		
Asmts in RAM	2015, 2012		

Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	SSBmsy-pr-MT	2015	238,840	
Fmsy	Fmsy-pr-1/yr	2015	0.2	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	SSBmgt-MT	2015	238,840	
Fmgt	Fmgt-1/yr	2015	0.2	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	SSB0-MT	2015	597,100	
MSY	-	-	-	
M	M-1/yr	2015	0.33	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2015	326,000	Both	2+
SSB	SSB-MT	2015	112,000	-	2+
TN	-	-	-	-	-
R	R-E00	2015	4.9×10^{8}	-	2
F	F-1/yr	2015	0.11	-	-
ER	ER-ratio	2015	0.08	-	-
TC	-	-	-		
TL	TL-MT	2015	19,300		
TB/TBmsy	-	-	-		
SSB/SSBmsy	SSBdivSSBmsy-dimensionless	2015	0.47		
F/Fmsy	FdivFmsy-dimensionless	2015	0.56		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2015	0.469		
F/Fmgt	F-1/yr/Fmgt-1/yr	2015	0.55		
ER/ERmgt	-	-	-		





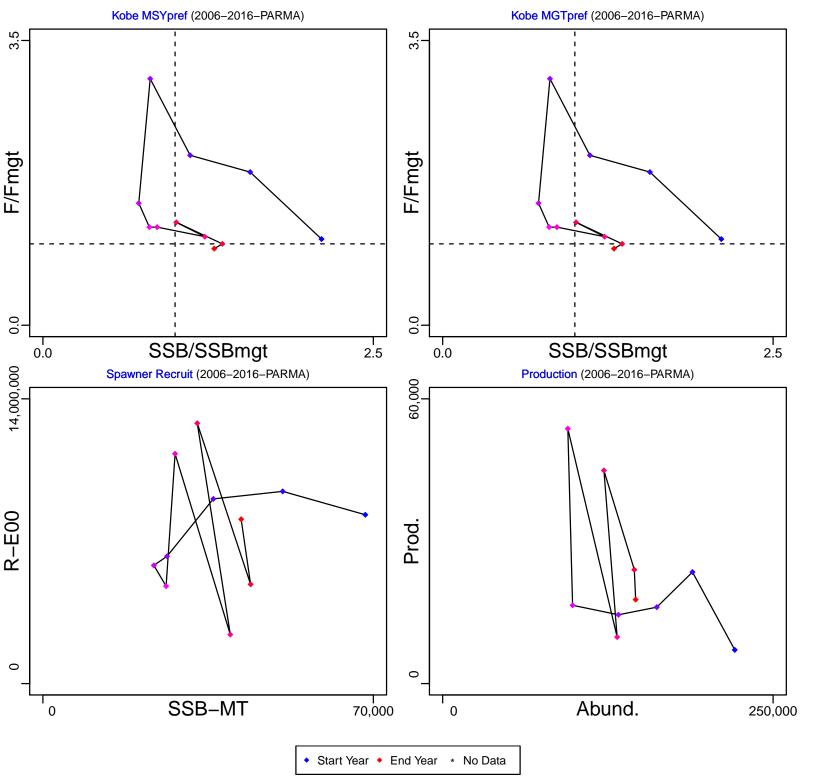


Southern sardine Chile [SSARDCH]

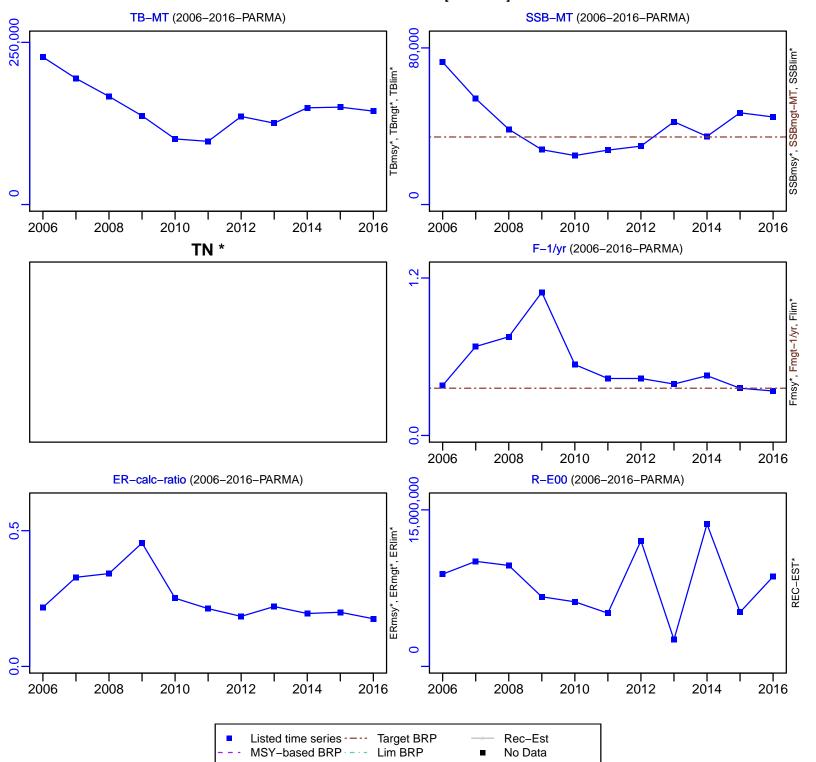
Metadata		
Scientific Name	Sprattus fuegensis	
Current Assess ID	IFOPCH-SSARDCH-2006-2016-PARMA	
Area Central-Southern Chile		
Management Authority	Subsecretaria de Pesca	
Assessor	Instituto de Fomento Pesquero - Chilean Fisheries Development Institute	
Asmts in RAM	2012, 2016	

Reference Points				
Type	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	-	-	-	
Fmsy	-	-	-	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	SSBmgt-MT	2016	32,400	
Fmgt	Fmgt-1/yr	2016	0.34	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	-	-	-	
MSY	-	-	-	
М	M-1/yr	2016	1.1	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

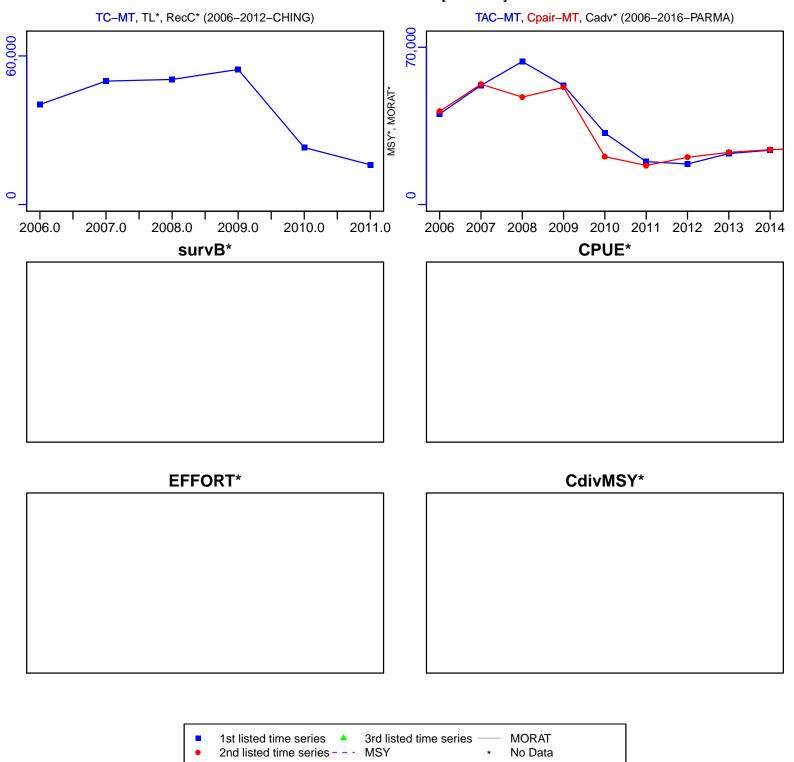
Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2016	140,000	-	-
SSB	SSB-MT	2016	42,000	-	-
TN	-	-	-	-	-
R	R-E00	2016	8,080,000	-	-
F	F-1/yr	2016	0.32	-	-
ER	ER-calc-ratio	2016	0.143	-	-
TC	TC-MT	2012	14,300		
TL	TL-MT	2016	20,000		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2016	1.296		
F/Fmgt	F-1/yr/Fmgt-1/yr	2016	0.941		
ER/ERmgt	-	-	-		



Southern sardine Chile [SSARDCH]



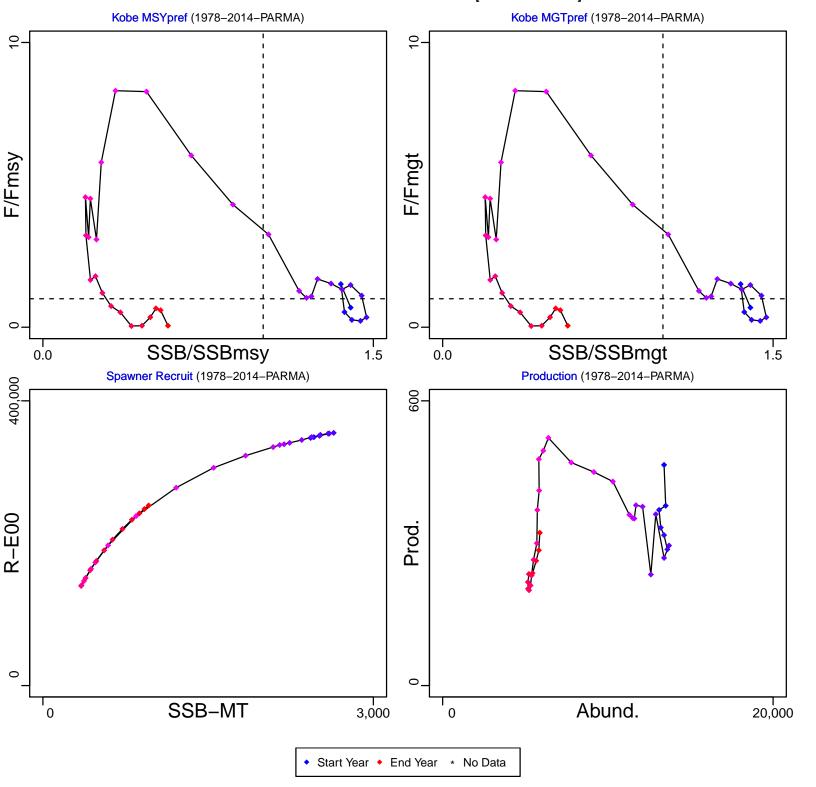
Southern sardine Chile [SSARDCH]

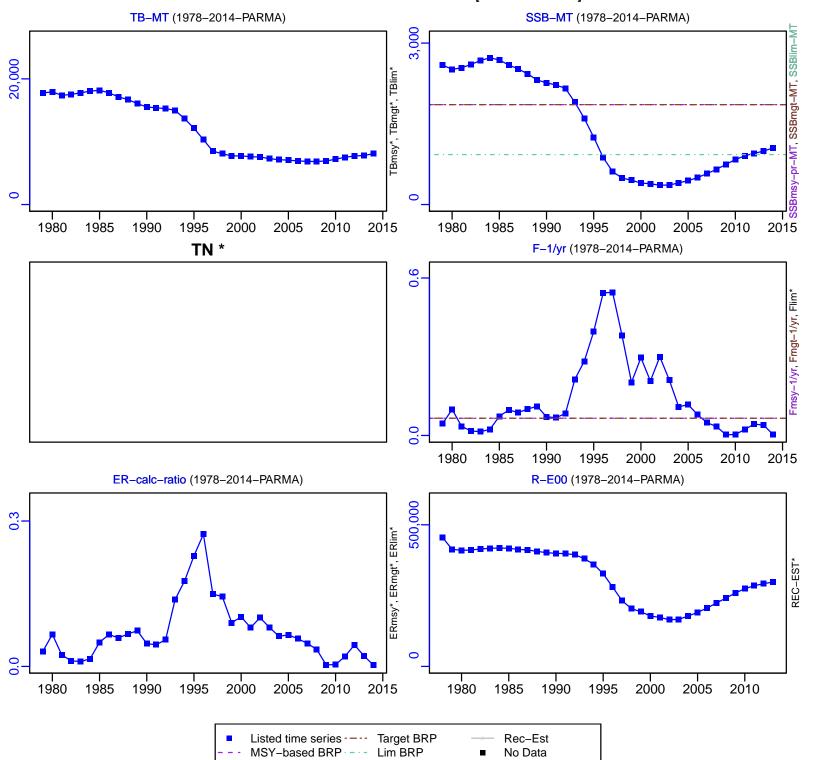


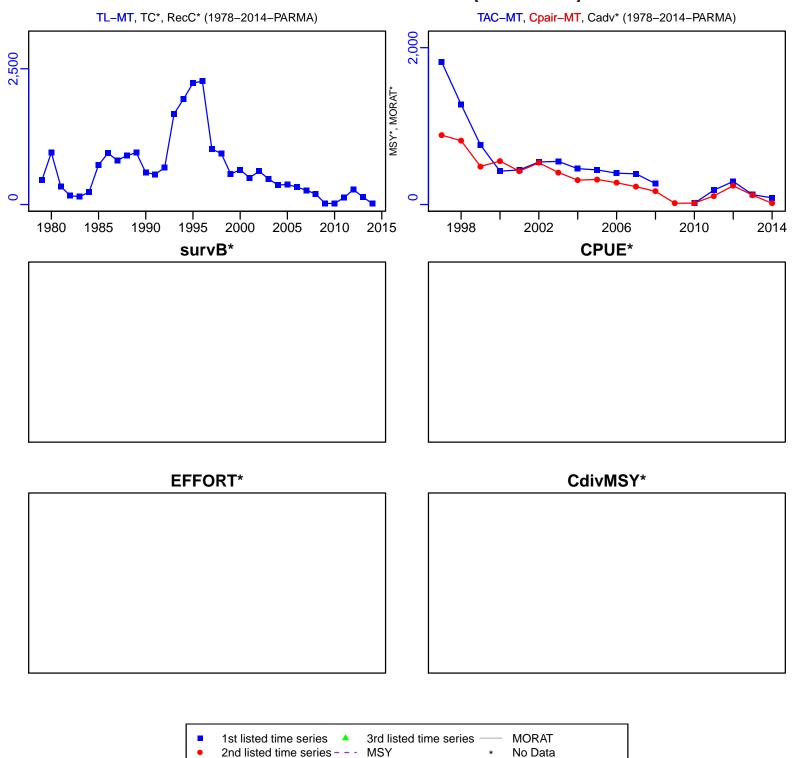
Metadata		
Scientific Name	Zearaja chilensis	
Current Assess ID	IFOPCH-YNOSESKACSCH-1978-2014-PARMA	
Area Central-Southern Chile		
Management Authority	Subsecretaria de Pesca	
Assessor	Instituto de Fomento Pesquero - Chilean Fisheries Development Institute	
Asmts in RAM	2014	

Reference Points				
Туре	Type ID		Value	
TBmsy	-	-	-	
SSBmsy	SSBmsy-pr-MT	2014	1797	
Fmsy	Fmsy-1/yr	2014	0.062	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	SSBmgt-MT	2014	1797	
Fmgt	Fmgt-1/yr	2014	0.062	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	SSB0-MT	2014	3993	
MSY	-	-	-	
М	M-1/yr	2014	0.14	
TBlim	-	-	-	
SSBlim	SSBlim-MT	2014	898	
Flim	-	-	-	
ERlim	-	-	-	

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2014	6090	-	-
SSB	SSB-MT	2014	1020	Females	-
TN	-	-	-	-	-
R	R-E00	2014	253,000	-	1
F	F-1/yr	2014	0.003	Females	-
ER	ER-calc-ratio	2014	0.002	-	-
TC	-	-	-		
TL	TL-MT	2014	15		
TB/TBmsy	-	-	-		
SSB/SSBmsy	SSB-MT/SSBmsy-pr-MT	2014	0.568		
F/Fmsy	F-1/yr/Fmsy-1/yr	2014	0.053		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2014	0.568		
F/Fmgt	F-1/yr/Fmgt-1/yr	2014	0.053		
ER/ERmgt	-	-	-		







Metadata		
Scientific Name	Zearaja chilensis	
Current Assess ID	IFOPCH-YNOSESKASCH-1978-2014-PARMA	
Area	Southern Chile	
Management Authority	Subsecretaria de Pesca	
Assessor	Instituto de Fomento Pesquero - Chilean Fisheries Development Institute	
Asmts in RAM	2014	

Reference Points				
Туре	Type ID		Value	
TBmsy	-	-	-	
SSBmsy	SSBmsy-pr-MT	2014	3327	
Fmsy	Fmsy-1/yr	2014	0.062	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	SSBmgt-MT	2014	3327	
Fmgt	Fmgt-1/yr	2014	0.062	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	SSB0-MT	2014	7394	
MSY	-	-	-	
М	M-1/yr	2014	0.14	
TBlim	-	-	-	
SSBlim	SSBlim-MT	2014	1664	
Flim	-	-	-	
ERlim	-	-	-	

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2014	3850	-	-
SSB	SSB-MT	2014	341	Females	-
TN	-	-	-	-	-
R	R-E00	2014	113	-	1
F	F-1/yr	2014	0.007	Females	-
ER	ER-calc-ratio	2014	0.004	-	-
TC	-	-	-		
TL	TL-MT	2014	16		
TB/TBmsy	-	-	-		
SSB/SSBmsy	SSB-MT/SSBmsy-pr-MT	2014	0.102		
F/Fmsy	F-1/yr/Fmsy-1/yr	2014	0.112		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2014	0.102		
F/Fmgt	F-1/yr/Fmgt-1/yr	2014	0.112		
ER/ERmgt	-	-	-		

