Mediterranean-Black Sea Stocks

v4.25 (Dec-14-2017)

- 1. Albacore tuna Mediterranean [ALBAMED]
- 2. Anchovy Northern Alboran Sea [ANCHMEDGSA1]
- 3. Anchovy South of Sicily [ANCHMEDGSA16]
- 4. Anchovy Adriatic Sea [ANCHMEDGSA17-18]
- 5. Anchovy Western Ionian Sea [ANCHMEDGSA19]
- 6. Anchovy Eastern Ionian Sea [ANCHMEDGSA20]
- 7. Anchovy Aegean Sea [ANCHMEDGSA22]
- 8. Anchovy Black Sea [ANCHMEDGSA29]
- 9. Anchovy Northern Spain [ANCHMEDGSA6]
- 10. Anchovy Gulf of Lions [ANCHMEDGSA7]
- 11. Anchovy Ligurian and North Tyrrhenian Sea [ANCHMEDGSA9]
- 12. Black Bellied Angler Malta Island and South of Sicily [ANGLMEDGSA15-16]
- 13. Black bellied angler Balearic Island [ANGLMEDGSA5]
- 14. Black bellied angler Northern Spain [ANGLMEDGSA6]
- 15. Black bellied angler Gulf of Lions [ANGLMEDGSA7]
- 16. Blue whiting Northern Alboran Sea [BWHITMEDGSA1]
- 17. Blue whiting Northern Spain [BWHITMEDGSA6]
- 18. Blue whiting Ligurian and North Tyrrhenian Sea [BWHITMEDGSA9]
- 19. Common pandora Malta Island and South of Sicily [CPANDMEDGSA15-16]
- 20. Common pandora Ligurian and North Tyrrhenian Sea [CPANDMEDGSA9]
- 21. European seabass Gulf of Lions [EBASSGSA7]
- 22. Greater forkbeard Ligurian and North Tyrrhenian Sea [GFORKBMEDGSA9]
- 23. Gilthead seabream Gulf of Lions [GHBRMGSA7]
- 24. Giant red shrimp South Tyrrhenian Sea [GRSHRIMPMEDGSA10]
- 25. Giant red shrimp Sardinia [GRSHRIMPMEDGSA11]
- 26. Giant red shrimp Geographical Sub-Areas 12-16 [GRSHRIMPMEDGSA12-16]
- 27. Giant red shrimp South Adriatic Sea and West Ionian Sea [GRSHRIMPMEDGSA18-19]
- 28. Giant red shrimp Ligurian and North Tyrrhenian Sea [GRSHRIMPMEDGSA9]
- 29. Hake Malta Island and South of Sicily [HAKEMEDGSA15-16]
- 30. Hake Geographical Sub-Areas 1-7 [HAKEMEDGSA1-7]
- 31. Hake Adriatic Sea [HAKEMEDGSA17-18]
- 32. Hake Western Ionian Sea [HAKEMEDGSA19]
- 33. Hake Eastern Ionian Sea [HAKEMEDGSA20]
- 34. Hake Aegean Sea and Crete Island [HAKEMEDGSA22-23]
- 35. Hake Gulf of Lions [HAKEMEDGSA7]
- 36. Hake Geographical Sub-Areas 9-11 [HAKEMEDGSA9-11]
- 37. Mediterranean horse mackerel Black Sea [MHMACKMEDGSA29]
- 38. Norway lobster Adriatic Sea [NEPHMEDGSA]
- 39. Norway lobster Northern Alboran Sea [NEPHMEDGSA1]
- 40. Norway lobster Sardinia [NEPHMEDGSA11]
- 41. Norway lobster Malta Island and South of Sicily [NEPHMEDGSA15-16]
- 42. Norway Lobster Balearic Island [NEPHMEDGSA5]
- 43. Norway lobster Northern Spain [NEPHMEDGSA6]
- 44. Norway lobster Ligurian and North Tyrrhenian Sea [NEPHMEDGSA9]
- 45. Picarel Cyprus Island [PICAMEDGSA25]
- 46. Poor cod Ligurian and North Tyrrhenian Sea [PRCODMEDGSA9]
- 47. Deep-water Rose Shrimp Northern Spain [PSHRMPMEDGSA6]
- 48. Red Seabream Alboran Sea [RBRMMEDGSA1-3]
- 49. Red shrimp Northern Alboran Sea [RDSHRMPMEDGSA1]
- 50. Red shrimp South Tyrrhenian Sea [RDSHRMPMEDGSA10]

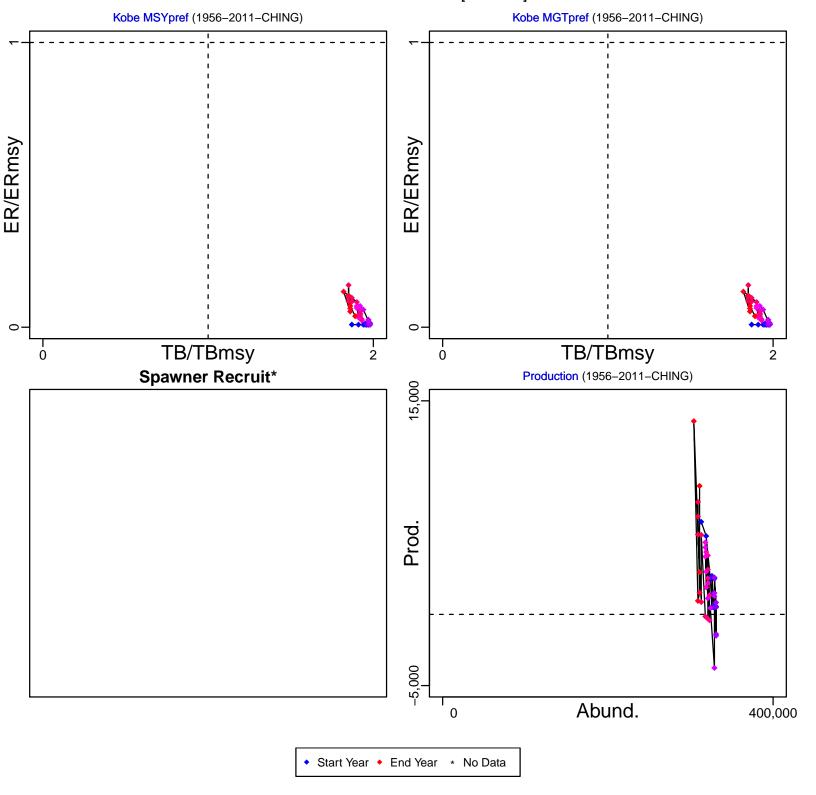
- 51. Red shrimp Malta Island and South of Sicily [RDSHRMPMEDGSA15-16]
- 52. Red Shrimp Northern Spain [RDSHRMPMEDGSA6]
- 53. Red mullet Northern Alboran Sea [RMULLMEDGSA1]
- 54. Red mullet South Tyrrhenian Sea [RMULLMEDGSA10]
- 55. Red mullet Sardinia [RMULLMEDGSA11]
- 56. Red mullet Malta Island and South of Sicily [RMULLMEDGSA15-16]
- 57. Red mullet Adriatic Sea [RMULLMEDGSA17-18]
- 58. Red mullet Western Ionian Sea [RMULLMEDGSA19]
- 59. Red mullet Cyprus Island [RMULLMEDGSA25]
- 60. Red mullet Black Sea [RMULLMEDGSA29]
- 61. Red mullet Balearic Island [RMULLMEDGSA5]
- 62. Red mullet Northern Spain [RMULLMEDGSA6]
- 63. Red mullet Gulf of Lions [RMULLMEDGSA7]
- 64. Red mullet Ligurian and North Tyrrhenian Sea [RMULLMEDGSA9]
- 65. Deep-water rose shrimp Geographical Sub-Areas 9-11 [RSHRMPMEDGSA]
- 66. Deep-water rose shrimp Northern Alboran Sea [RSHRMPMEDGSA1]
- 67. Deep-water Rose Shrimp GSA 12-16 [RSHRMPMEDGSA12-16]
- 68. Deep-water rose shrimp Geographical Sub-Areas 17-19 [RSHRMPMEDGSA17-19]
- 69. Deep-water rose shrimp Balearic Island [RSHRMPMEDGSA5]
- 70. European pilchard Northern Alboran Sea [SARDMEDGSA1]
- 71. Sardine South of Sicily [SARDMEDGSA16]
- 72. European pilchard Adriatic Sea [SARDMEDGSA17-18]
- 73. European pilchard Eastern Ionian Sea [SARDMEDGSA20]
- 74. European pilchard Aegean Sea [SARDMEDGSA22]
- 75. European pilchard Northern Spain [SARDMEDGSA6]
- 76. Sardine Gulf of Lions [SARDMEDGSA7]
- 77. European pilchard Ligurian and North Tyrrhenian Sea [SARDMEDGSA9]
- 78. Spiny Dogfish Black Sea [SDOGBLKGSA29]
- 79. Spottail mantis shrimp South Tyrrhenian Sea [SMSHRMPMEDGSA10]
- 80. Spottail mantis shrimp Adriatic Sea [SMSHRMPMEDGSA17-18]
- 81. Spottail mantis shrimp Ligurian and North Tyrrhenian Sea [SMSHRMPMEDGSA9]
- 82. Surmullet Malta Island and South of Sicily [SMULLMEDGSA15-16]
- 83. Surmullet Balearic Island [SMULLMEDGSA5]
- 84. Surmullet Ligurian and North Tyrrhenian Sea [SMULLMEDGSA9]
- 85. Common Sole Northern Adriatic Sea [SOLMEDGSA17]
- 86. Common sole Gulf of Lions [SOLMEDGSA7]
- 87. Sprat Black Sea [SPRBLKGSA29]
- 88. Swordfish Mediterranean Sea [SWORDMED]
- 89. Thornback skate Black Sea [TBSKAMEDGSA29]
- 90. Turbot Black Sea [TURBLKGSA29]
- 91. White anglerfish Geographical Sub-Areas 1-7 [WANGLGSA1-7]
- 92. Whiting Black Sea [WHITMEDGSA29]

Albacore tuna Mediterranean [ALBAMED]

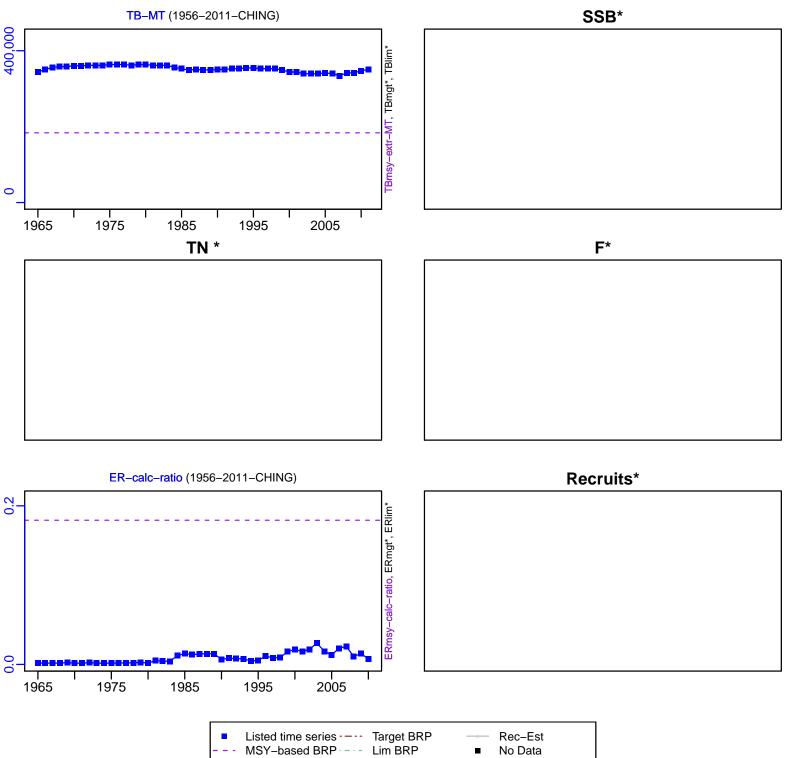
Metadata			
Scientific Name	Thunnus alalunga		
Current Assess ID	ICCAT-ALBAMED-1956-2011-CHING		
Area	Mediterranean Sea		
Management Authority	International Commission for the Conservation of Atlantic Tunas		
Assessor	International Commission for the Conservation of Atlantic Tunas		
Asmts in RAM	2011		

Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	TBmsy-extr-MT	2011	167,158	
SSBmsy	-	-	-	
Fmsy	-	-	-	
ERmsy	ERmsy-calc-ratio	2011	0.17	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	-	-	-	
ERmgt	-	-	-	
TB0	TB0-MT	2011	322,000	
SSB0	-	-	-	
MSY	MSY-MT	2011	28,900	
M	-	-	-	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2011	319,000	-	-
SSB	-	-	-	-	-
TN	-	-	-	-	-
R	-	-	-	-	-
F	-	-	-	-	-
ER	ER-calc-ratio	2011	0	-	-
TC	TC-MT	2011	2120		
TL	-	-	-		
TB/TBmsy	TBdivTBmsy-dimensionless	2011	1.91		
SSB/SSBmsy	-	-	-		
F/Fmsy	FdivFmsy-dimensionless	2011	0.06		
ER/ERmsy	ER-calc-ratio/ERmsy-calc-ratio	2011	0.04		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

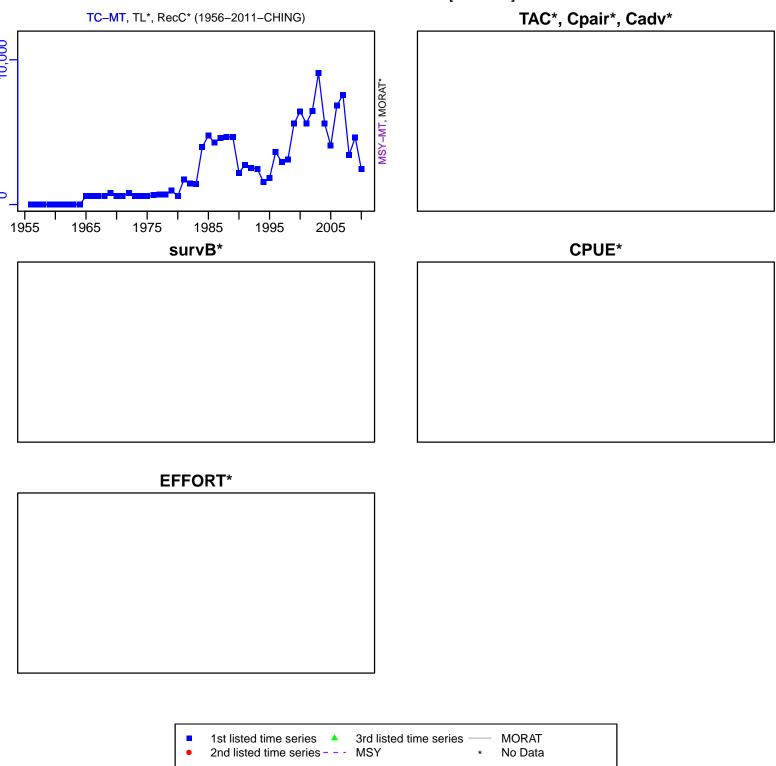


Albacore tuna Mediterranean [ALBAMED]



No Data

Albacore tuna Mediterranean [ALBAMED]

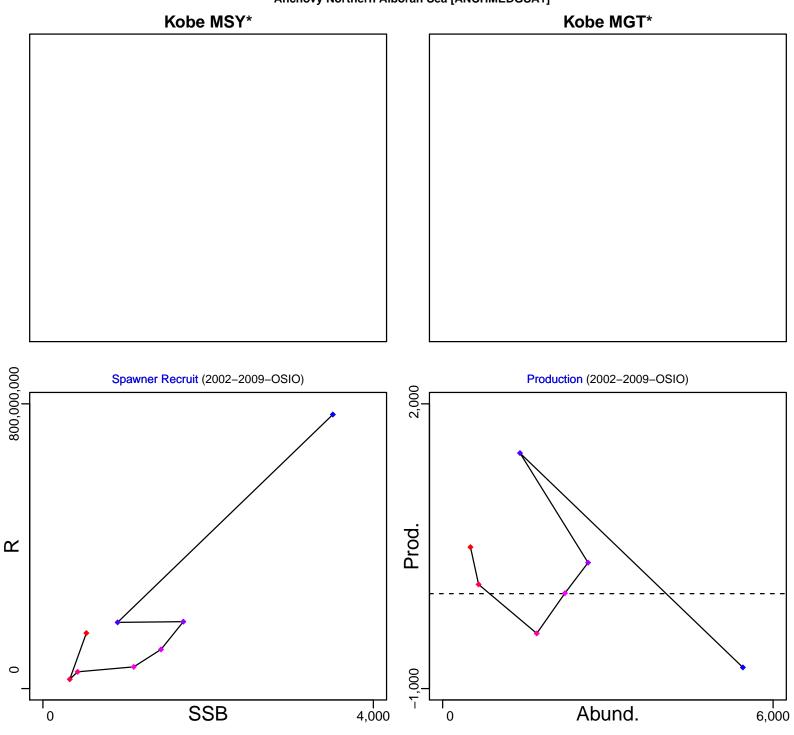


Anchovy Northern Alboran Sea [ANCHMEDGSA1]

Metadata			
Scientific Name	Engraulis encrasicolus		
Current Assess ID	STECF-ANCHMEDGSA1-2002-2009-OSIO		
Area Northern Alboran Sea			
Management Authority	General Fisheries Council for the Mediterranean, DG MARE, and national states		
Assessor Scientific, Technical and Economic Committee for Fisheries			
Asmts in RAM	2009		

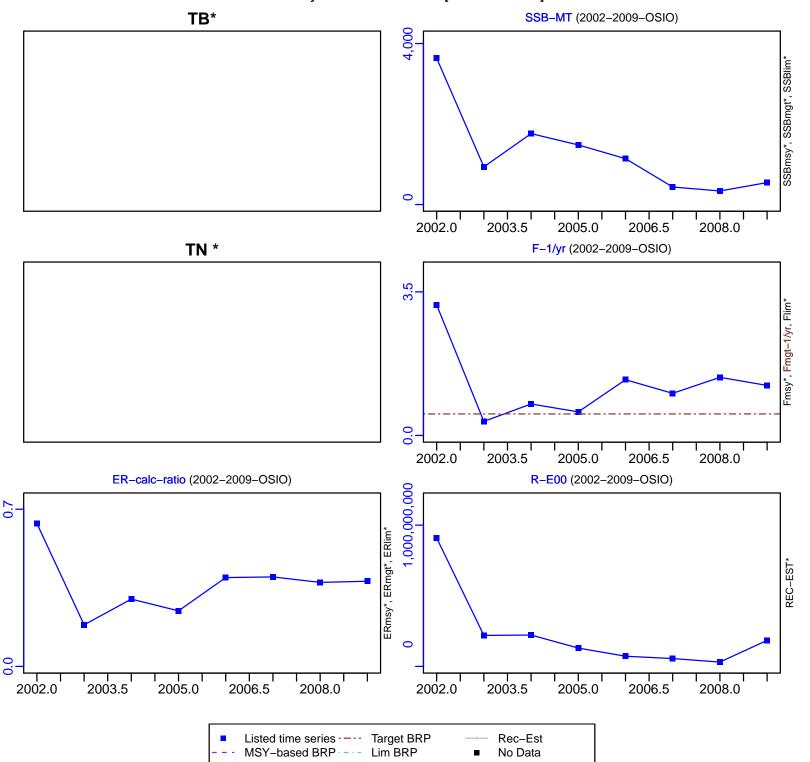
Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	-	-	-	
Fmsy	-	-	-	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	Fmgt-1/yr	2009	0.45	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	-	-	-	
MSY	-	-	-	
М	-	-	-	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	-	-	-	-	-
SSB	SSB-MT	2009	526	-	-
TN	-	-	-	-	-
R	R-E00	2009	1.56×10^{8}	-	-
F	F-1/yr	2009	1	-	-
ER	ER-calc-ratio	2009	0	-	-
TC	TC-MT	2009	292		
TL	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	F-1/yr/Fmgt-1/yr	2009	2.32		
ER/ERmgt	-	-	-		

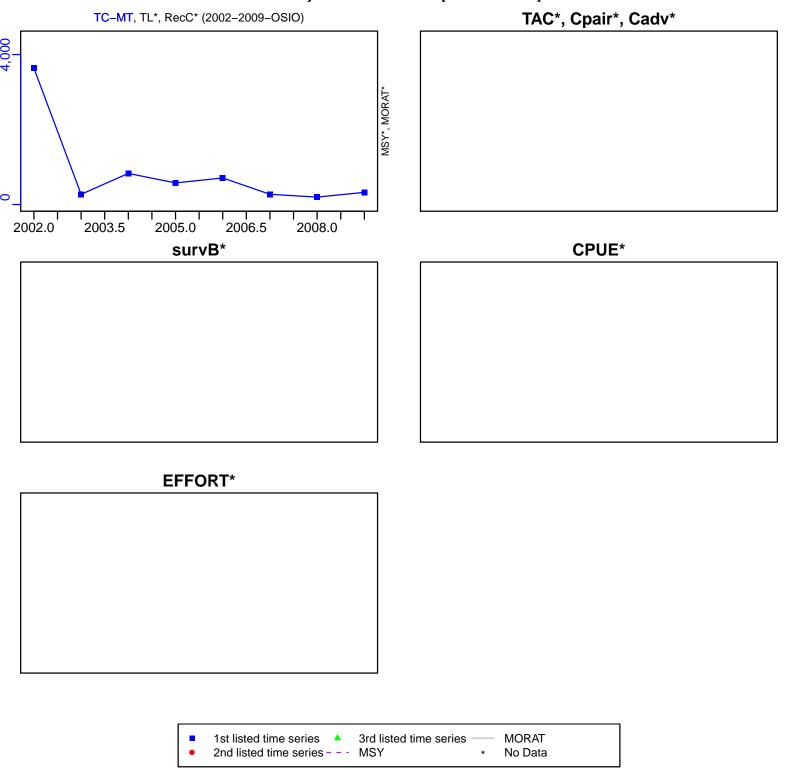


Start Year → End Year → No Data

Anchovy Northern Alboran Sea [ANCHMEDGSA1]



Anchovy Northern Alboran Sea [ANCHMEDGSA1]

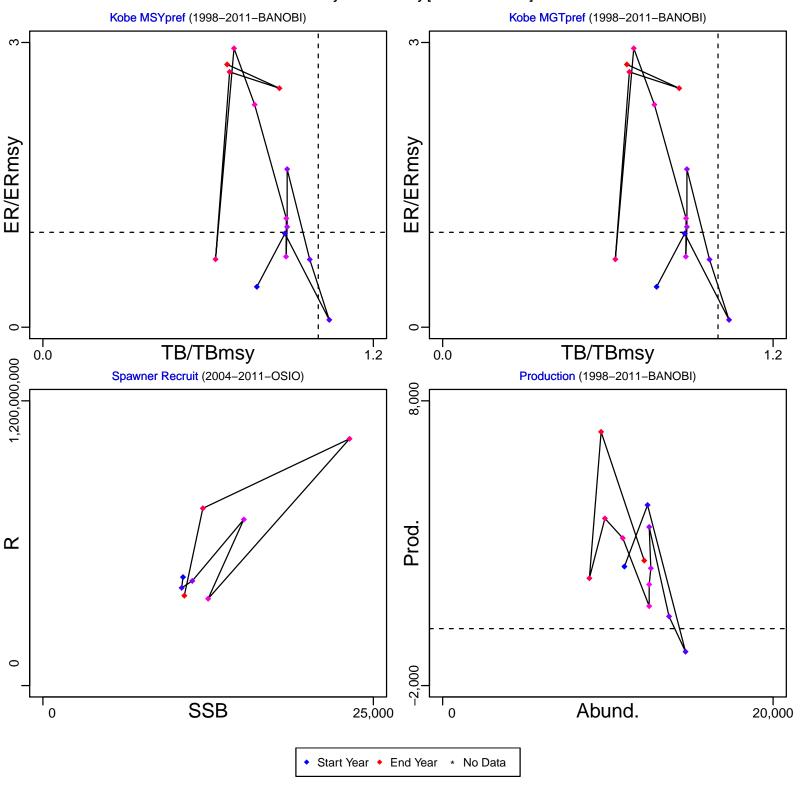


Anchovy South of Sicily [ANCHMEDGSA16]

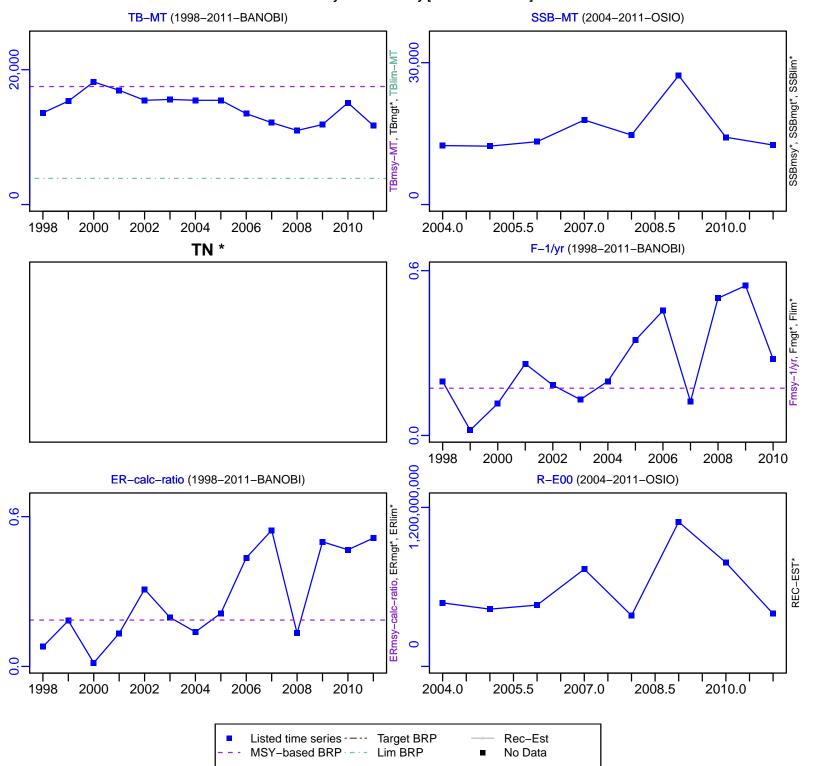
Metadata			
Scientific Name	Engraulis encrasicolus		
Current Assess ID STECF-ANCHMEDGSA16-2004-2011-OSIO			
Area South of Sicily			
Management Authority	General Fisheries Council for the Mediterranean, DG MARE, and national states		
Assessor Scientific, Technical and Economic Committee for Fisheries			
Asmts in RAM	2011, 2011		

	Reference Points				
Туре	ID	Asmt Year	Value		
TBmsy	TBmsy-MT	2011	14,152		
SSBmsy	-	-	-		
Fmsy	Fmsy-1/yr	2011	0.17		
ERmsy	ERmsy-calc-ratio	2011	0.17		
TBmgt	-	-	-		
SSBmgt	-	-	-		
Fmgt	Fmgt-1/yr	2011	0.08		
ERmgt	-	-	-		
TB0	-	-	-		
SSB0	-	-	-		
MSY	MSY-MT	2011	2359		
М	M-1/yr	2011	0.66		
TBlim	TBlim-MT	2011	3130		
SSBlim	-	-	-		
Flim	-	-	-		
ERlim	-	-	-		

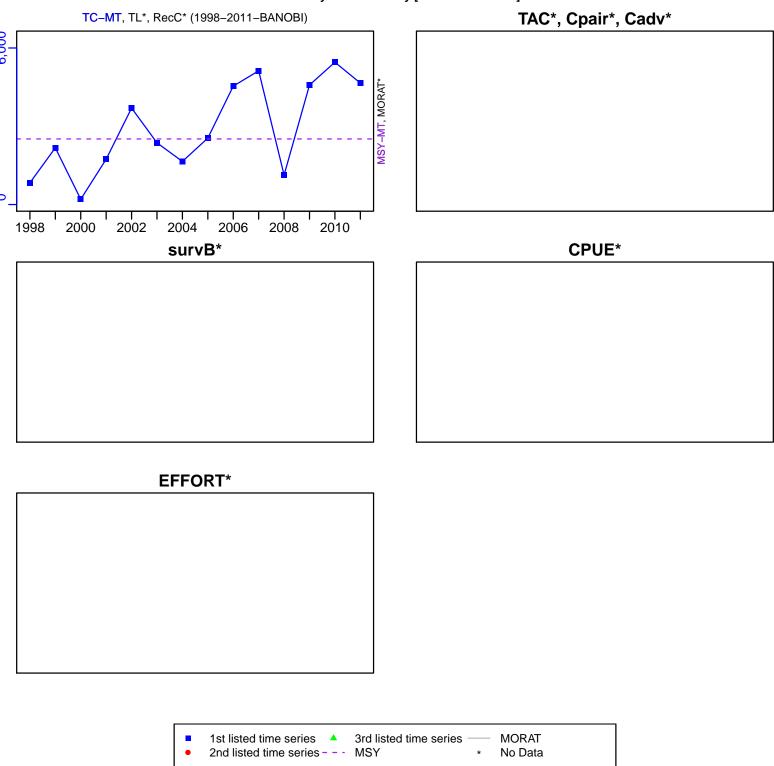
Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2011	9470	-	-
SSB	SSB-MT	2011	10,700	-	0 to 5
TN	-	-	-	-	-
R	R-E00	2011	3.79×10^{8}	-	-
F	F-1/yr	2011	0	-	-
ER	ER-calc-ratio	2011	0	-	-
TC	TC-MT	2011	4370		
TL	-	-	-		
TB/TBmsy	TBdivTBmsy-dimensionless	2011	0.67		
SSB/SSBmsy	-	-	-		
F/Fmsy	FdivFmsy-dimensionless	2011	1.62		
ER/ERmsy	ER-calc-ratio/ERmsy-calc-ratio	2011	2.77		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	F-1/yr/Fmgt-1/yr	2011	9		
ER/ERmgt	-	-	-		



Anchovy South of Sicily [ANCHMEDGSA16]



Anchovy South of Sicily [ANCHMEDGSA16]

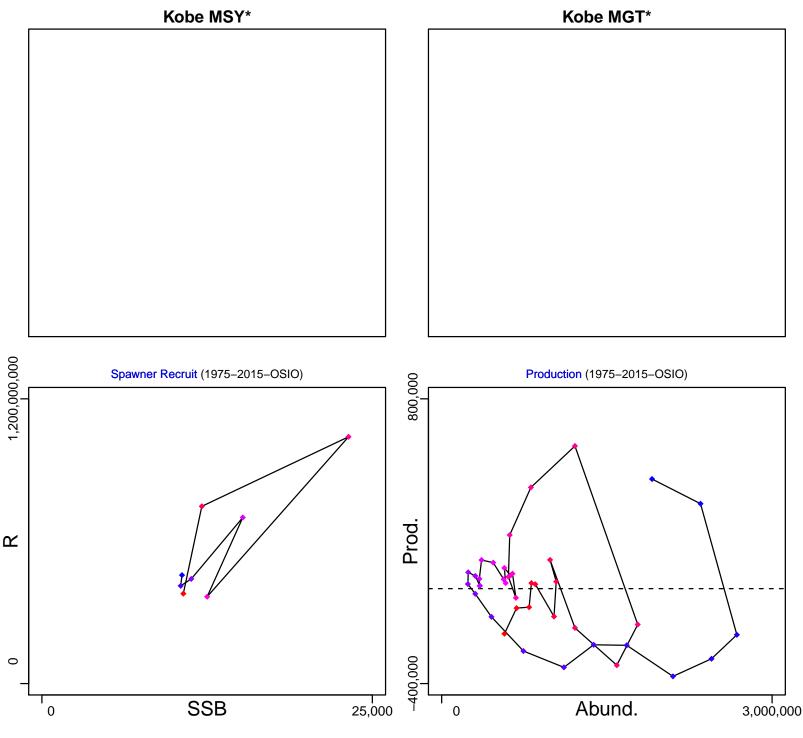


Anchovy Adriatic Sea [ANCHMEDGSA17-18]

Metadata			
Scientific Name	Engraulis encrasicolus		
Current Assess ID	STECF-ANCHMEDGSA17-18-1975-2015-OSIO		
Area Adriatic Sea (GSA 17,18)			
Management Authority	General Fisheries Council for the Mediterranean, DG MARE, and national states		
Assessor	Scientific, Technical and Economic Committee for Fisheries		
Asmts in RAM	2015, 2013		

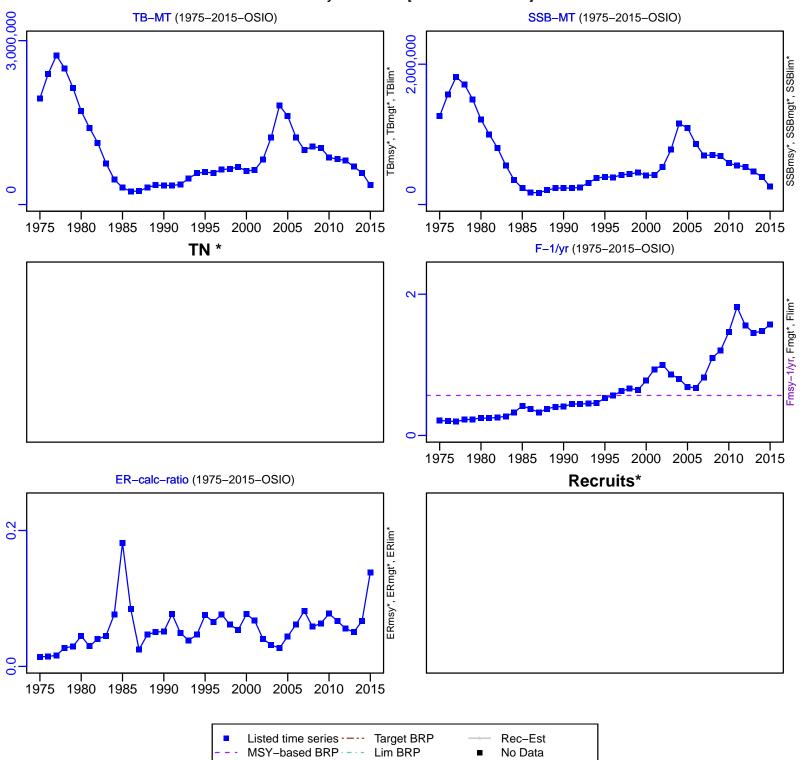
Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	-	-	-	
Fmsy	Fmsy-1/yr	2015	0.48	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	Fmgt-1/yr	2013	0.5	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	-	-	-	
MSY	-	-	-	
M	-	-	-	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

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



Start Year → End Year → No Data

Anchovy Adriatic Sea [ANCHMEDGSA17-18]



Anchovy Adriatic Sea [ANCHMEDGSA17-18]

TC*, TL*, RecC*	TAC*, Cpair*, Cadv*
survB*	CPUE*
Gu. V.2	3. 32
EFFORT*	1
■ 1st listed time series ▲ 3rd	listed time series — MORAT
2nd listed time series MS	Y * No Data

Metadata			
Scientific Name	Engraulis encrasicolus		
Current Assess ID STECF-ANCHMEDGSA19-2006-2012-OSIO			
Area Western Ionian Sea			
Management Authority	General Fisheries Council for the Mediterranean, DG MARE, and national states		
Assessor	Scientific, Technical and Economic Committee for Fisheries		
Asmts in RAM	2012		

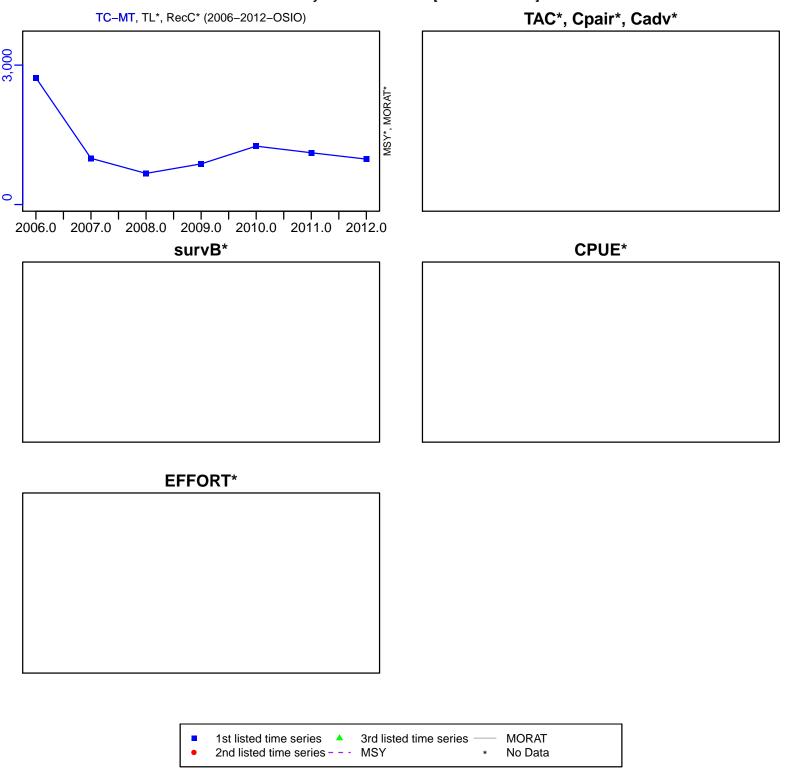
Reference Points					
Туре	ID	Asmt Year	Value		
TBmsy	-	-	-		
SSBmsy	-	-	-		
Fmsy	-	-	-		
ERmsy	-	-	-		
TBmgt	-	-	-		
SSBmgt	-	-	-		
Fmgt	-	-	-		
ERmgt	-	-	-		
TB0	-	-	-		
SSB0	-	-	-		
MSY	-	-	-		
М	-	-	-		
TBlim	-	-	-		
SSBlim	-	-	-		
Flim	-	-	-		
ERlim	-	-	-		

Time Series						
Туре	ID	Asmt Year	Curr Value	Sex	Age	
ТВ	-	-	-	-	-	
SSB	-	-	-	-	-	
TN	-	-	-	-	-	
R	-	-	-	-	-	
F	-	-	-	-	-	
ER	-	-	-	-	-	
TC	TC-MT	2012	817			
TL	-	-	-			
TB/TBmsy	-	-	-			
SSB/SSBmsy	-	-	-			
F/Fmsy	-	-	-			
ER/ERmsy	-	-	-			
TB/TBmgt	-	-	-			
SSB/SSBmgt	-	-	-			
F/Fmgt	-	-	-			
ER/ERmgt	-	-	-			

Kobe MGT*
Production*

◆ Start Year ◆ End Year * No Data

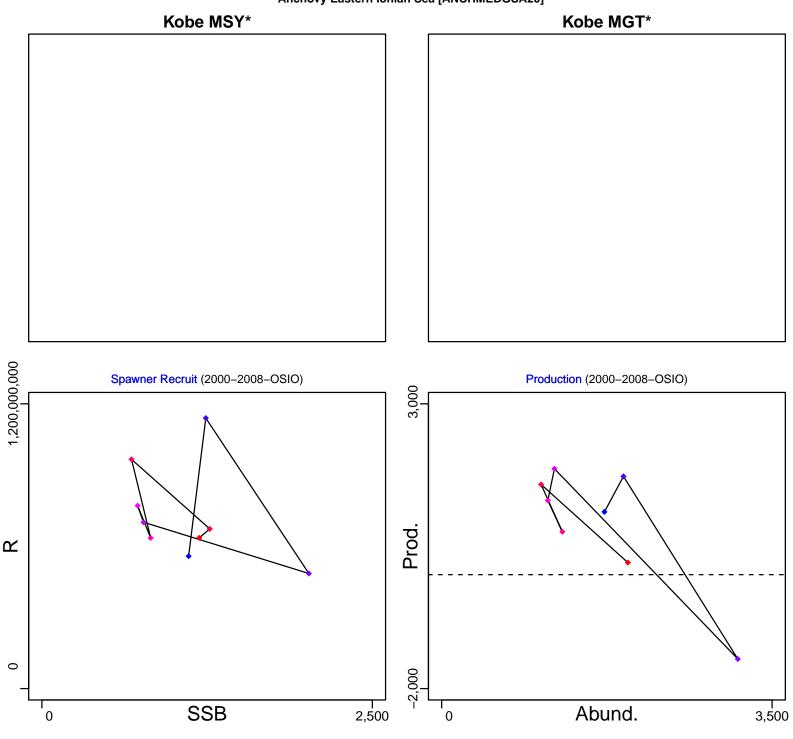
TB*	SSB*
TN *	F*
ER*	Recruits*
■ Listed time series Ta	arget BRP — Rec-Est
Listed time series Ta	m BRP ■ No Data



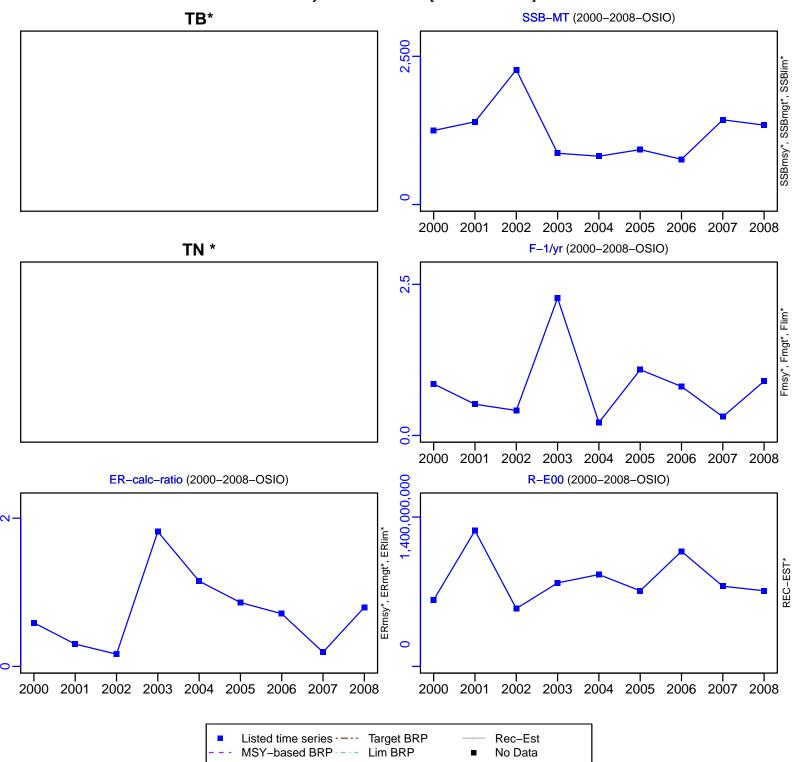
Metadata			
Scientific Name	Engraulis encrasicolus		
Current Assess ID STECF-ANCHMEDGSA20-2000-2008-OSIO			
Area Eastern Ionian Sea			
Management Authority	General Fisheries Council for the Mediterranean, DG MARE, and national states		
Assessor	Scientific, Technical and Economic Committee for Fisheries		
Asmts in RAM	2008		

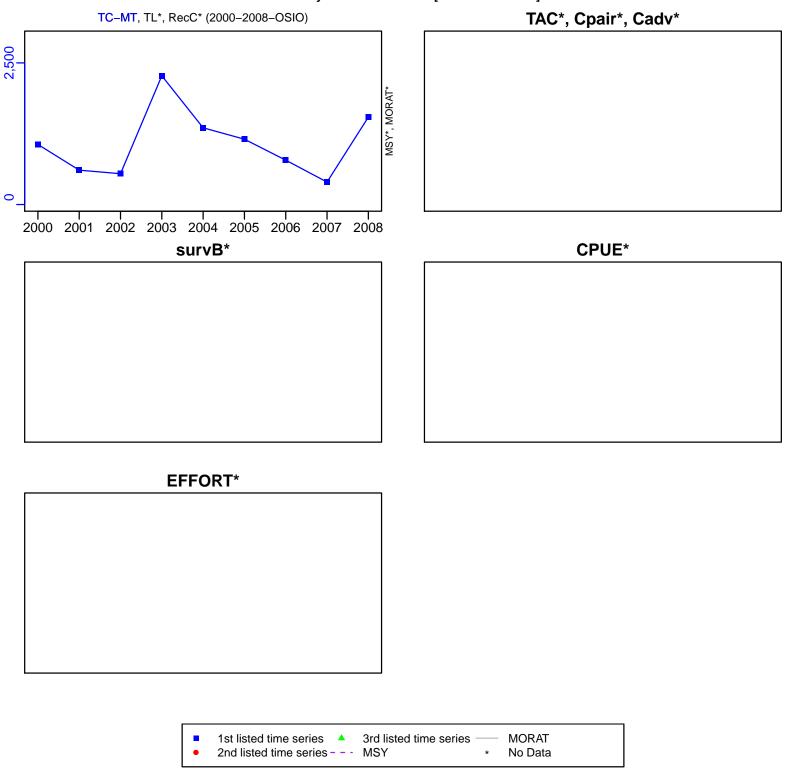
Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	-	-	-	
Fmsy	-	-	-	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	-	-	-	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	-	-	-	
MSY	-	-	-	
M	-	-	-	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	-	-	-	-	-
SSB	SSB-MT	2008	1190	-	-
TN	-	-	-	-	-
R	R-E00	2008	6.35×10^{8}	-	-
F	F-1/yr	2008	1	-	-
ER	ER-calc-ratio	2008	1	-	-
TC	TC-MT	2008	1310		
TL	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		



Start Year → End Year → No Data



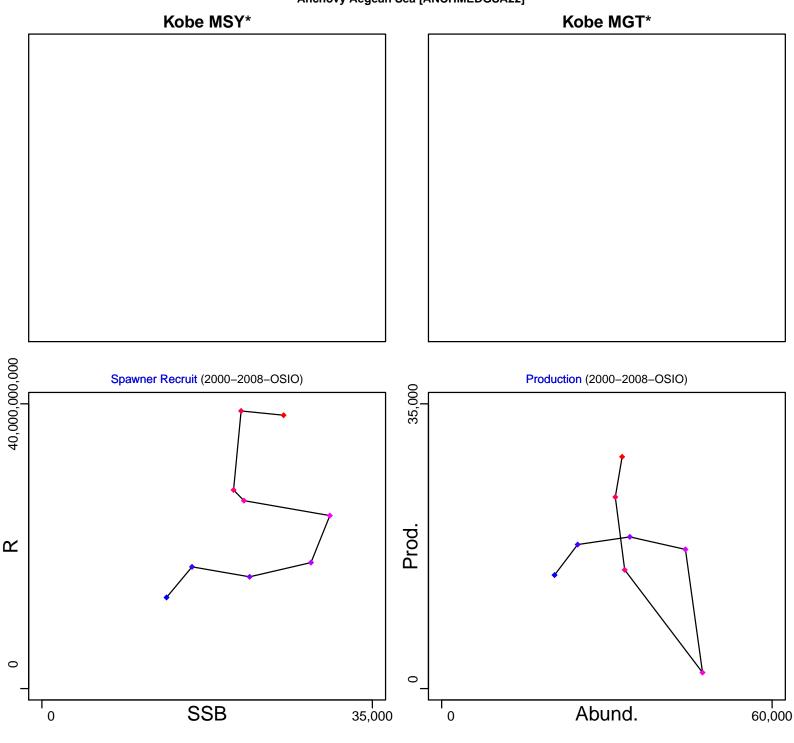


Anchovy Aegean Sea [ANCHMEDGSA22]

Metadata			
Scientific Name	Engraulis encrasicolus		
Current Assess ID STECF-ANCHMEDGSA22-2000-2008-OSIO			
Area Aegean Sea			
Management Authority	General Fisheries Council for the Mediterranean, DG MARE, and national states		
Assessor	Scientific, Technical and Economic Committee for Fisheries		
Asmts in RAM	2008		

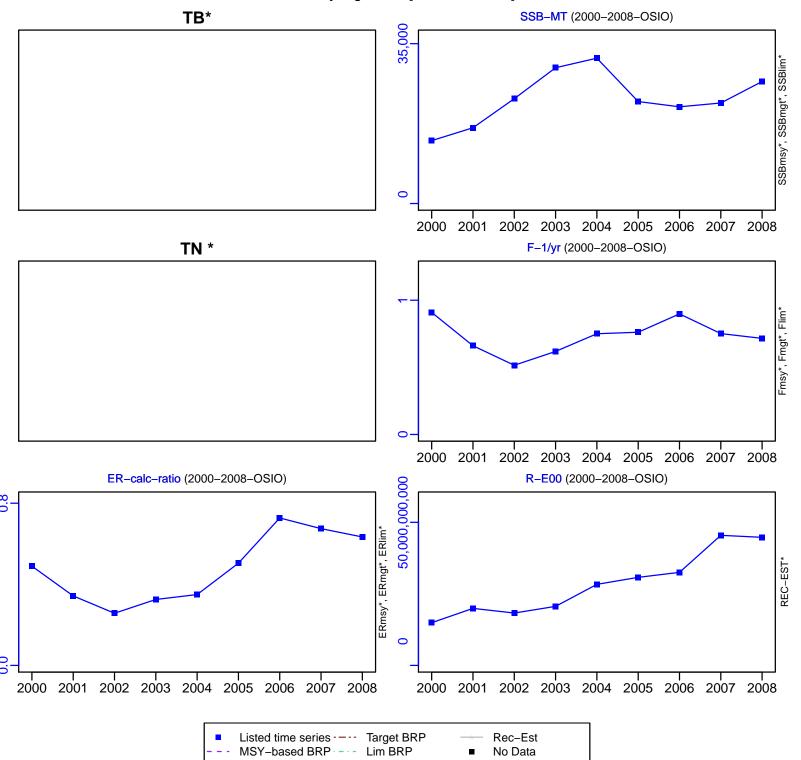
Reference Points					
Туре	ID	Asmt Year	Value		
TBmsy	-	-	-		
SSBmsy	-	-	-		
Fmsy	-	-	-		
ERmsy	-	-	-		
TBmgt	-	-	-		
SSBmgt	-	-	-		
Fmgt	-	-	-		
ERmgt	-	-	-		
TB0	-	-	-		
SSB0	-	-	-		
MSY	-	-	-		
М	-	-	-		
TBlim	-	-	-		
SSBlim	-	-	-		
Flim	-	-	-		
ERlim	-	-	-		

Time Series						
Туре	ID	Asmt Year	Curr Value	Sex	Age	
ТВ	-	-	-	-	_	
SSB	SSB-MT	2008	25,600	-	-	
TN	-	-	-	-	-	
R	R-E00	2008	3.84×10^{10}	-	-	
F	F-1/yr	2008	1	-	-	
ER	ER-calc-ratio	2008	1	-	-	
TC	TC-MT	2008	24,500			
TL	-	-	-			
TB/TBmsy	-	-	-			
SSB/SSBmsy	-	-	-			
F/Fmsy	-	-	-			
ER/ERmsy	-	-	-			
TB/TBmgt	-	-	-			
SSB/SSBmgt	-	-	-			
F/Fmgt	-	-	-			
ER/ERmgt	-	-	-]		

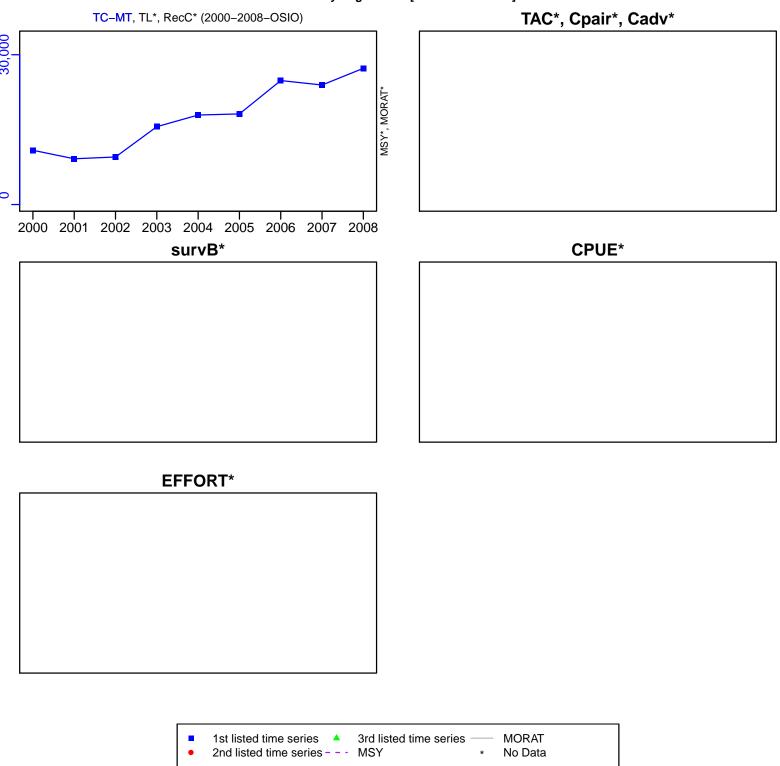


Start Year → End Year → No Data

Anchovy Aegean Sea [ANCHMEDGSA22]



Anchovy Aegean Sea [ANCHMEDGSA22]

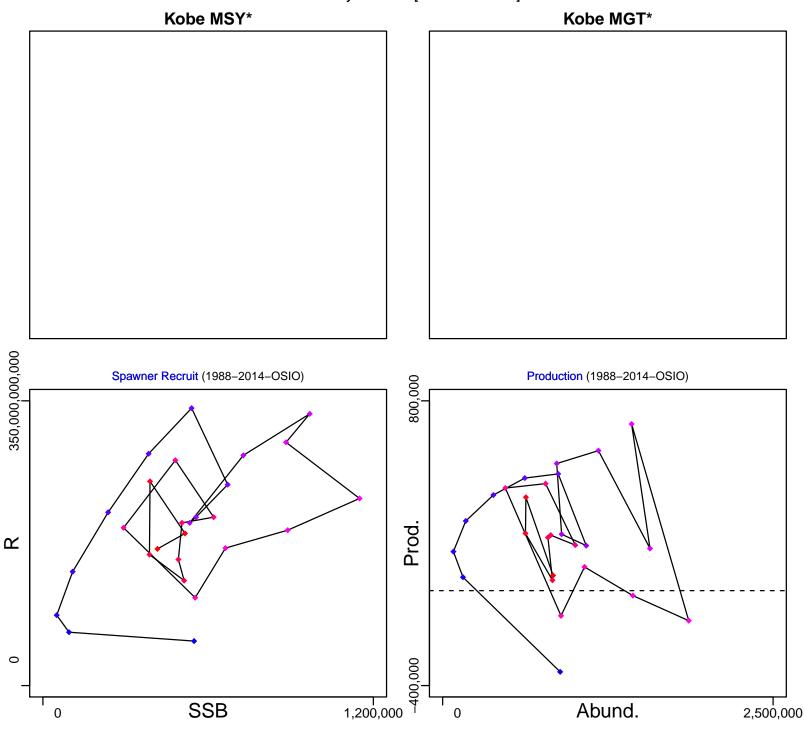


Anchovy Black Sea [ANCHMEDGSA29]

Metadata		
Scientific Name	Engraulis encrasicolus	
Current Assess ID	STECF-ANCHMEDGSA29-1988-2014-OSIO	
Area	Black Sea	
Management Authority	General Fisheries Council for the Mediterranean, DG MARE, and national states	
Assessor	Scientific, Technical and Economic Committee for Fisheries	
Asmts in RAM	2014	

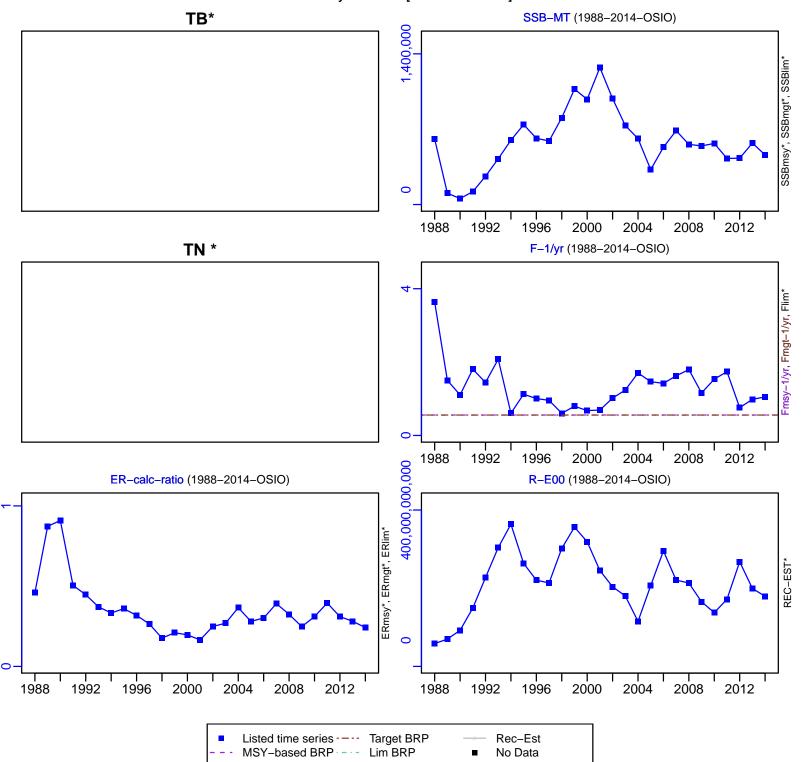
Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	-	-	-	
Fmsy	Fmsy-1/yr	2014	0.49	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	Fmgt-1/yr	2014	0.49	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	-	-	-	
MSY	-	-	-	
М	-	-	-	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	-	-	-	-	-
SSB	SSB-MT	2014	416,000	-	1+
TN	-	-	-	-	-
R	R-E00	2014	1.68×10^{11}	-	-
F	F-1/yr	2014	1	-	-
ER	ER-calc-ratio	2014	0	-	-
TC	TC-MT	2014	157,000		
TL	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	F-1/yr/Fmsy-1/yr	2014	1.89		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	F-1/yr/Fmgt-1/yr	2014	1.89		
ER/ERmgt	-	-	-		

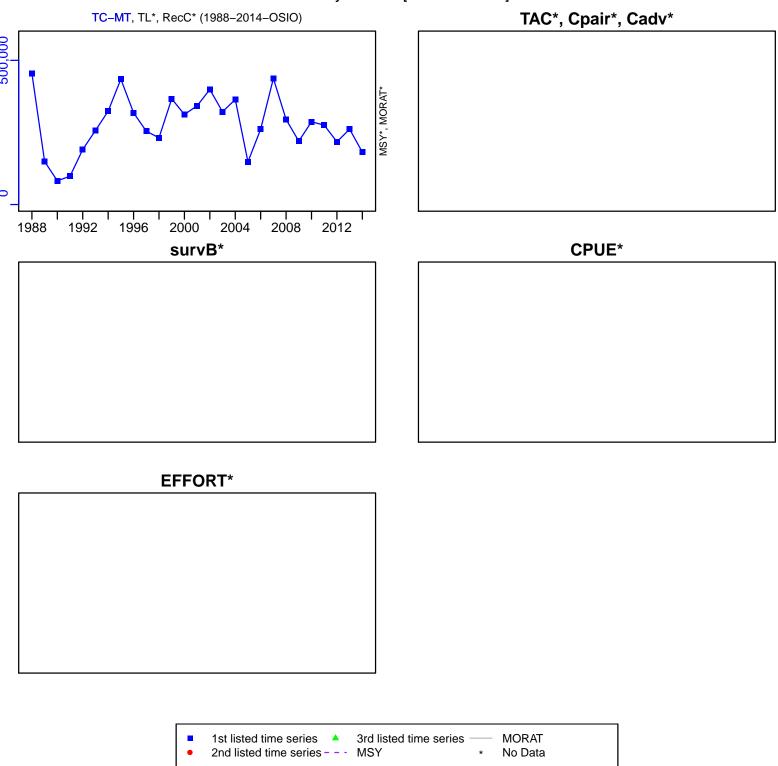


Start Year → End Year → No Data

Anchovy Black Sea [ANCHMEDGSA29]



Anchovy Black Sea [ANCHMEDGSA29]



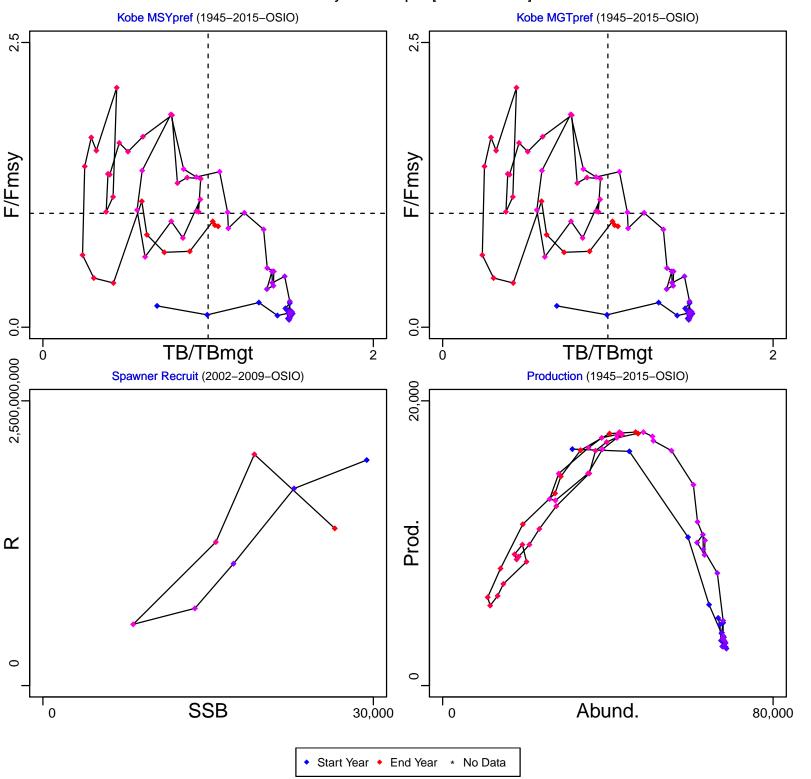
Anchovy Northern Spain [ANCHMEDGSA6]

Metadata		
Scientific Name	Engraulis encrasicolus	
Current Assess ID	STECF-ANCHMEDGSA6-1945-2015-OSIO	
Area Northern Spain		
Management Authority	General Fisheries Council for the Mediterranean, DG MARE, and national states	
Assessor	sessor Scientific, Technical and Economic Committee for Fisheries	
Asmts in RAM	2015, 2009	

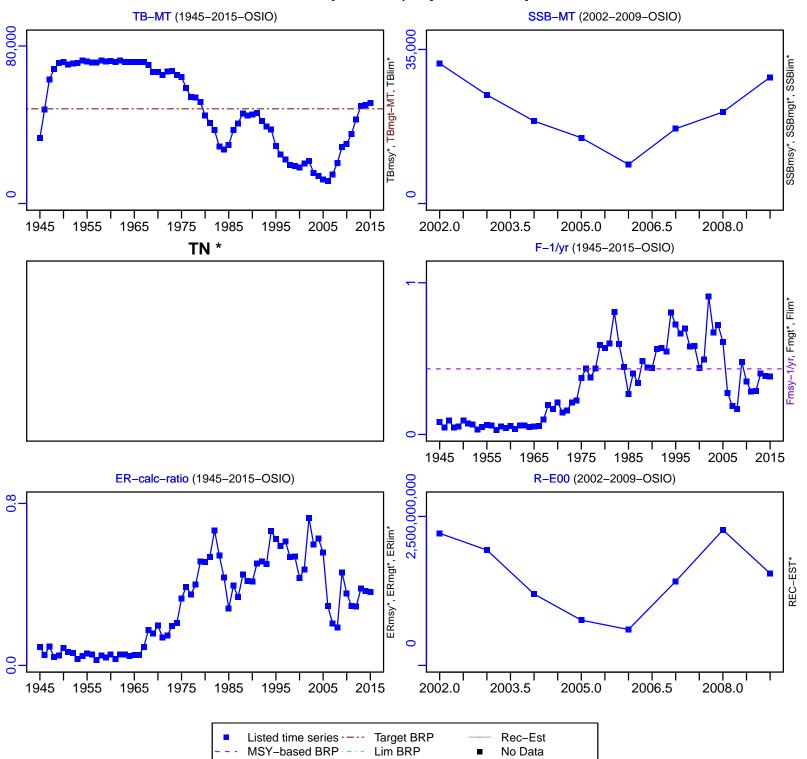
Reference Points				
Туре	ID	Asmt Year Valu		
TBmsy	-	-	-	
SSBmsy	-	-	-	
Fmsy	Fmsy-1/yr	2015	0.39	
ERmsy	-	-	-	
TBmgt	TBmgt-MT	2015	45,440	
SSBmgt	-	-	-	
Fmgt	-	-	-	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	-	-	-	
MSY	-	-	-	
М	-	-	-	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2015	48,200	-	-
SSB	SSB-MT	2009	26,500	-	-
TN	-	-	-	-	-
R	R-E00	2009	1.38×10^{9}	-	-
F	F-1/yr	2015	0	-	-
ER	ER-calc-ratio	2015	0	-	-
TC	TC-MT	2009	9810		
TL	TL-MT	2015	16,900		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	F-1/yr/Fmsy-1/yr	2015	0.89		
ER/ERmsy	-	-	-		
TB/TBmgt	TB-MT/TBmgt-MT	2015	1.06		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

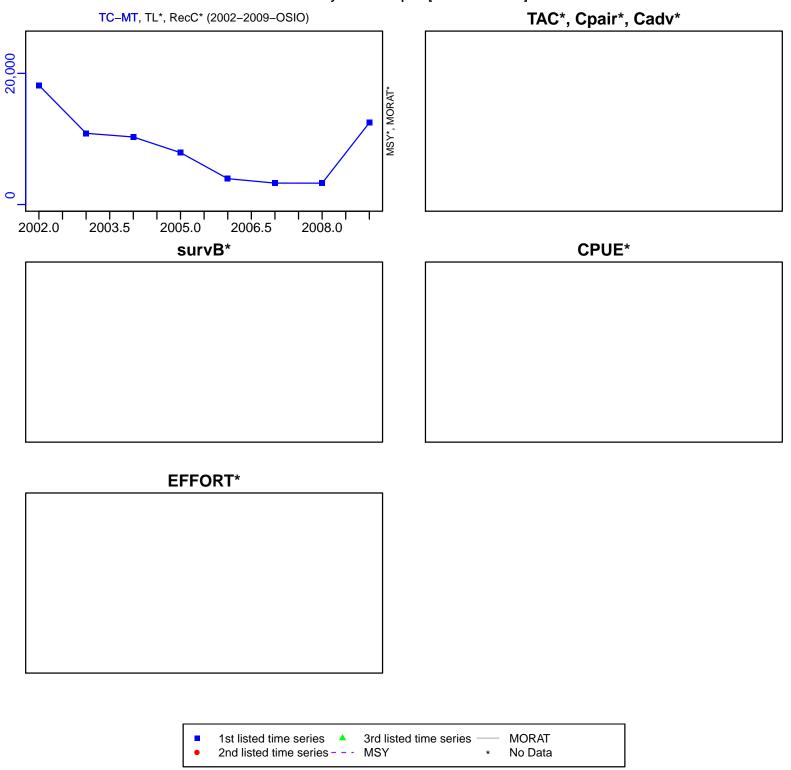
Anchovy Northern Spain [ANCHMEDGSA6]



Anchovy Northern Spain [ANCHMEDGSA6]



Anchovy Northern Spain [ANCHMEDGSA6]



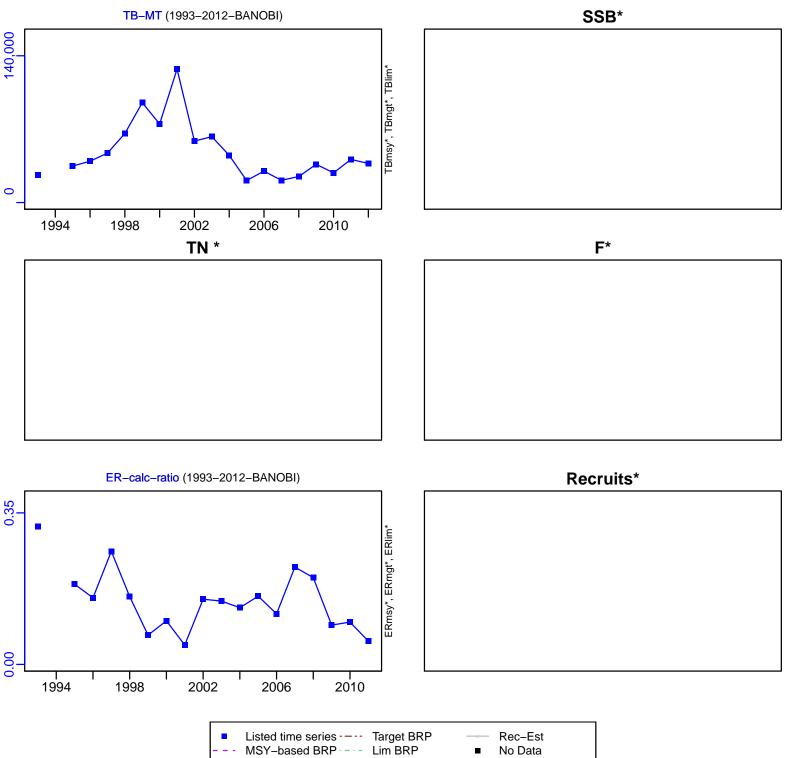
Metadata		
Scientific Name	Engraulis encrasicolus	
Current Assess ID	IFREMER-ANCHMEDGSA7-1993-2012-BANOBI	
Area Gulf of Lions		
Management Authority	General Fisheries Council for the Mediterranean, DG MARE, and national states	
Assessor French Research Institute for Exploitation of the Sea		
Asmts in RAM	2012	

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

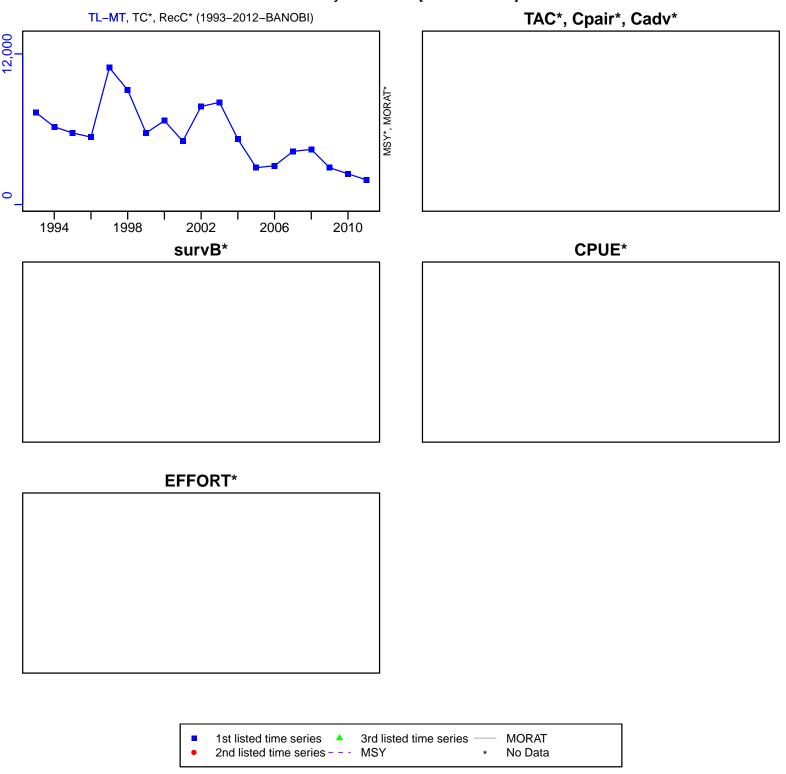
Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2012	32,800	-	-
SSB	-	-	-	-	-
TN	-	-	-	-	-
R	-	-	-	-	-
F	-	-	-	-	-
ER	ER-calc-ratio	2012	0	-	-
TC	-	-	-		
TL	TL-MT	2012	1770		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

Kobe MGT*
Production*

◆ Start Year ◆ End Year * No Data



No Data

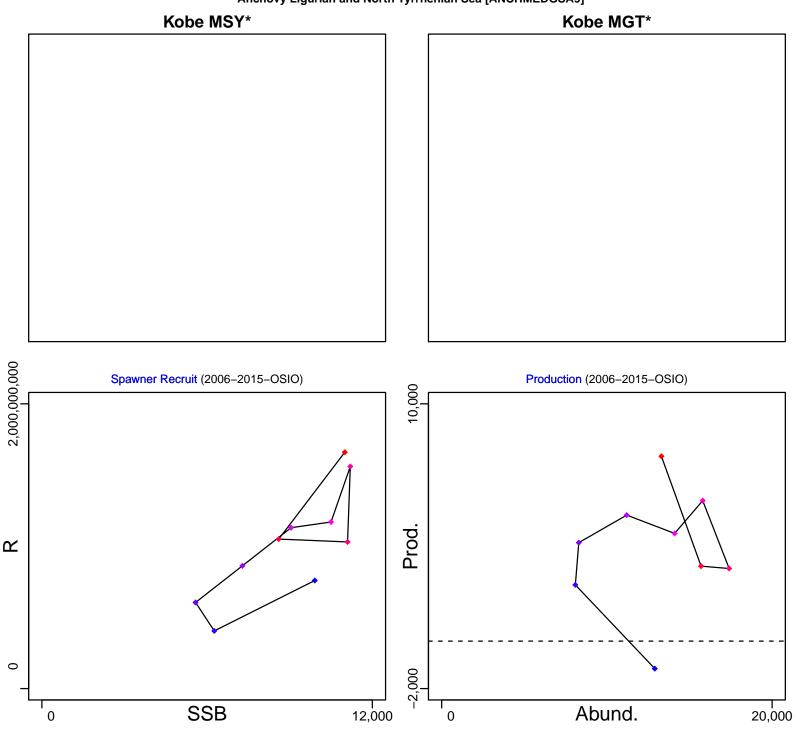


Anchovy Ligurian and North Tyrrhenian Sea [ANCHMEDGSA9]

Metadata		
Scientific Name	Engraulis encrasicolus	
Current Assess ID	STECF-ANCHMEDGSA9-2006-2015-OSIO	
Area	Ligurian and North Tyrrhenian Sea	
Management Authority	General Fisheries Council for the Mediterranean, DG MARE, and national states	
Assessor	Scientific, Technical and Economic Committee for Fisheries	
Asmts in RAM	2010, 2015	

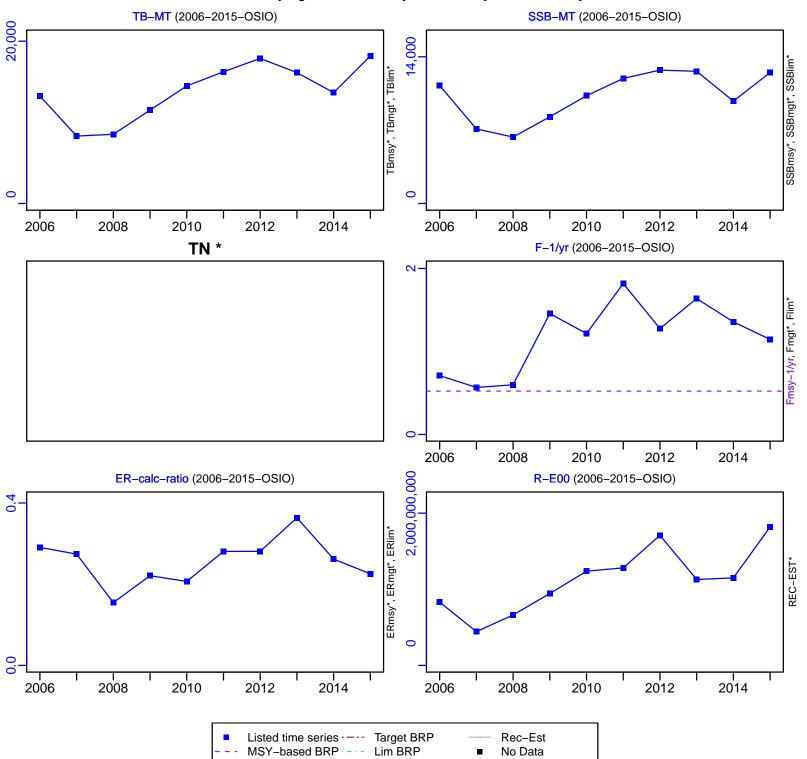
Reference Points					
Туре	ID	Asmt Year	Value		
TBmsy	-	-	-		
SSBmsy	-	-	-		
Fmsy	Fmsy-1/yr	2015	0.52		
ERmsy	-	-	-		
TBmgt	-	-	-		
SSBmgt	-	-	-		
Fmgt	-	-	-		
ERmgt	-	-	-		
TB0	-	-	-		
SSB0	-	-	-		
MSY	-	-	-		
M	-	-	-		
TBlim	-	-	-		
SSBlim	-	-	-		
Flim	-	-	-		
ERlim	-	-	-		

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2015	17,700	-	-
SSB	SSB-MT	2015	11,000	-	-
TN	-	-	-	-	-
R	R-E00	2015	1.66×10^{9}	-	-
F	F-1/yr	2015	1	-	-
ER	ER-calc-ratio	2015	0	-	-
TC	TC-MT	2015	3890		•
TL	TL-MT	2015	3960		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	F-1/yr/Fmsy-1/yr	2015	2.19		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

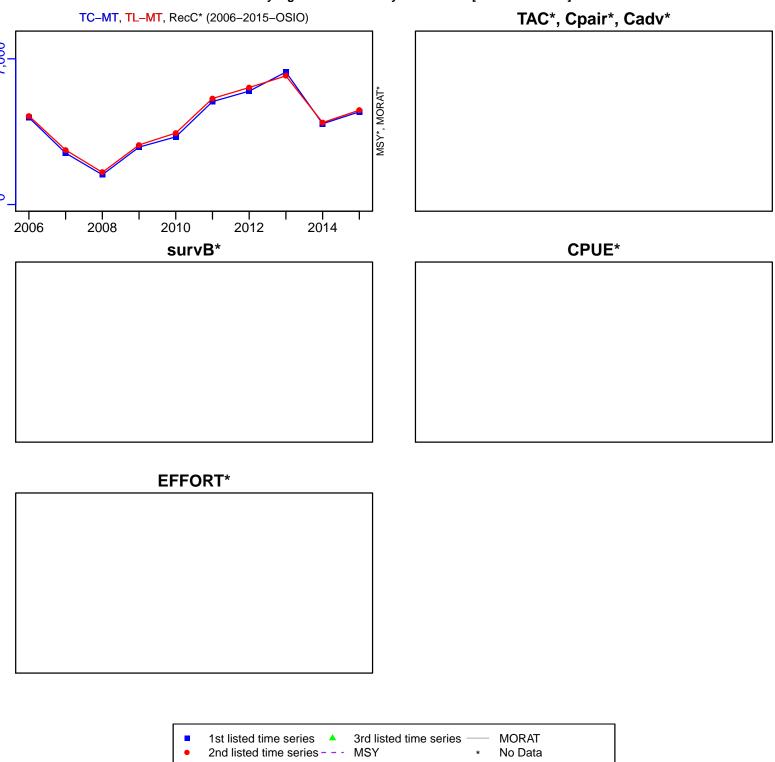


Start Year → End Year → No Data

Anchovy Ligurian and North Tyrrhenian Sea [ANCHMEDGSA9]



Anchovy Ligurian and North Tyrrhenian Sea [ANCHMEDGSA9]

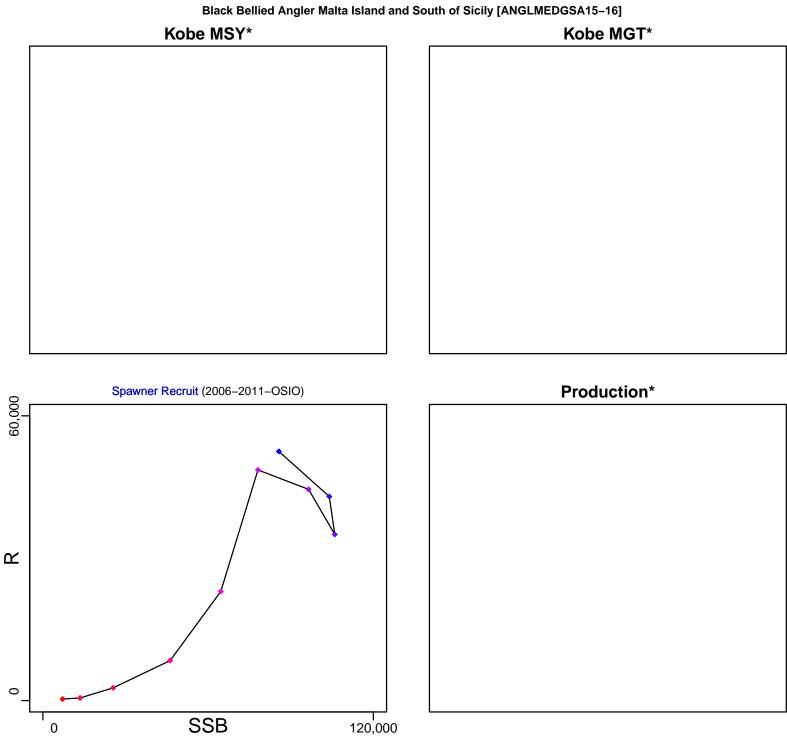


Black Bellied Angler Malta Island and South of Sicily [ANGLMEDGSA15-16]

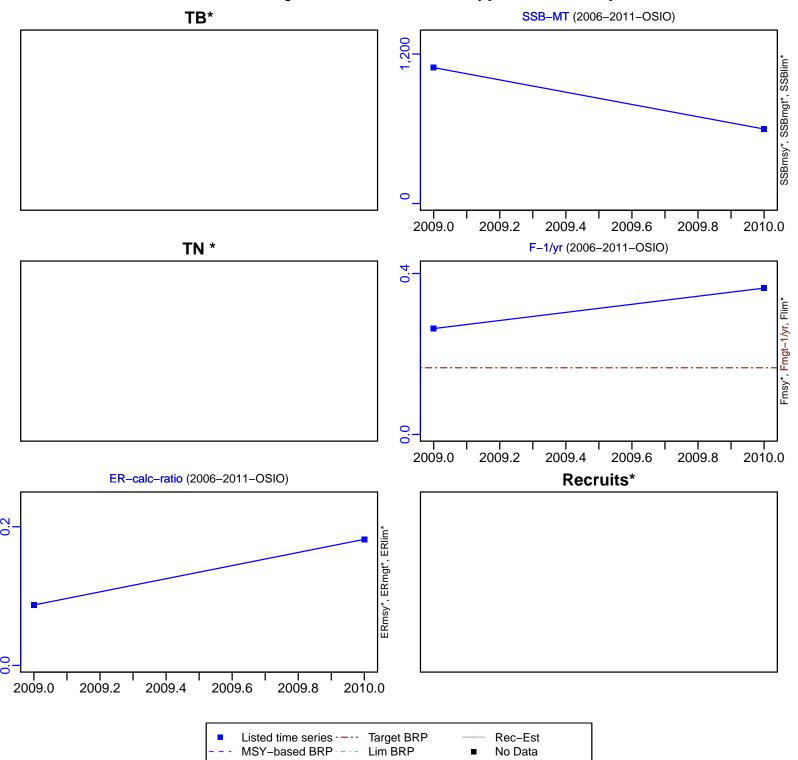
Metadata		
Scientific Name	Lophius budegassa	
Current Assess ID	STECF-ANGLMEDGSA15-16-2006-2011-OSIO	
Area	Malta Island and South of Sicily (GSA 15, 16)	
Management Authority	General Fisheries Council for the Mediterranean, DG MARE, and national states	
Assessor	Scientific, Technical and Economic Committee for Fisheries	
Asmts in RAM	2010, 2011	

Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	-	-	-	
Fmsy	Fmsy-extr-1/yr	2010	0.16	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	Fmgt-1/yr	2011	0.16	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	-	-	-	
MSY	-	-	-	
М	M-1/yr	2010	0.2	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

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



Start Year ◆ End Year * No Data



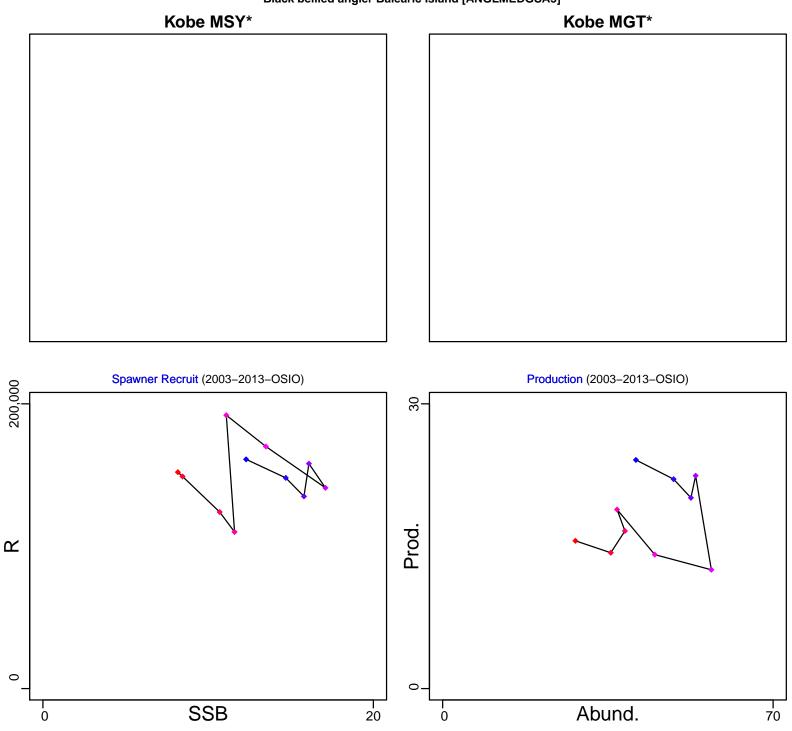
TC*, TL*, RecC*	TAC*, Cpair*, Cadv*
survB*	CPUE*
EFFORT*	
 1st listed time series 3rd 2nd listed time series MS 	listed time series — MORAT Y * No Data

Black bellied angler Balearic Island [ANGLMEDGSA5]

Metadata		
Scientific Name	Lophius budegassa	
Current Assess ID	STECF-ANGLMEDGSA5-2003-2013-OSIO	
Area Balearic Island		
Management Authority	General Fisheries Council for the Mediterranean, DG MARE, and national states	
Assessor	Scientific, Technical and Economic Committee for Fisheries	
Asmts in RAM	2013	

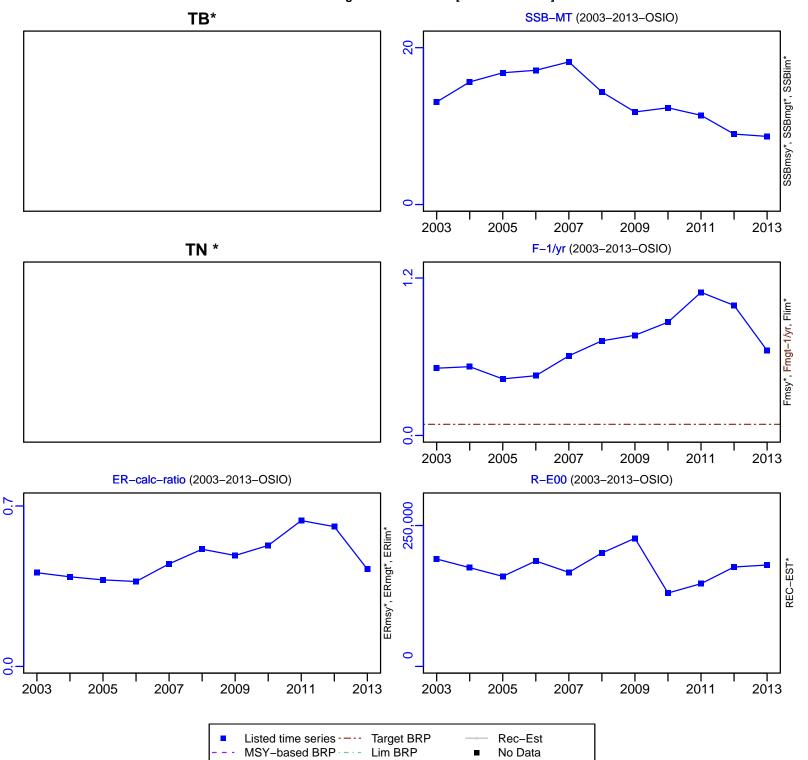
Reference Points					
Туре	ID	Asmt Year	Value		
TBmsy	-	-	-		
SSBmsy	-	-	-		
Fmsy	-	-	-		
ERmsy	-	-	-		
TBmgt	-	-	-		
SSBmgt	-	-	-		
Fmgt	Fmgt-1/yr	2013	0.08		
ERmgt	-	-	-		
TB0	-	-	-		
SSB0	-	-	-		
MSY	-	-	-		
М	-	-	-		
TBlim	-	-	-		
SSBlim	-	-	-		
Flim	-	-	-		
ERlim	-	-	-		

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	-	-	-	-	-
SSB	SSB-MT	2013	8	-	5+
TN	-	-	-	-	-
R	R-E00	2013	152,000	-	-
F	F-1/yr	2013	1	-	-
ER	ER-calc-ratio	2013	0	-	-
TC	TC-MT	2013	11.1		
TL	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	F-1/yr/Fmgt-1/yr	2013	7.64		
ER/ERmgt	-	-	-		

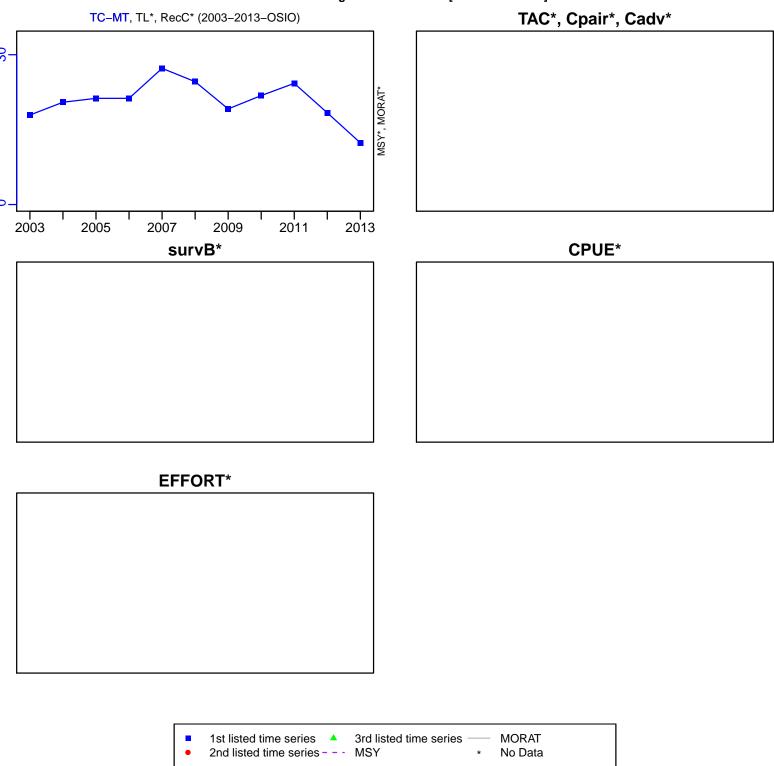


Start Year → End Year → No Data

Black bellied angler Balearic Island [ANGLMEDGSA5]



Black bellied angler Balearic Island [ANGLMEDGSA5]

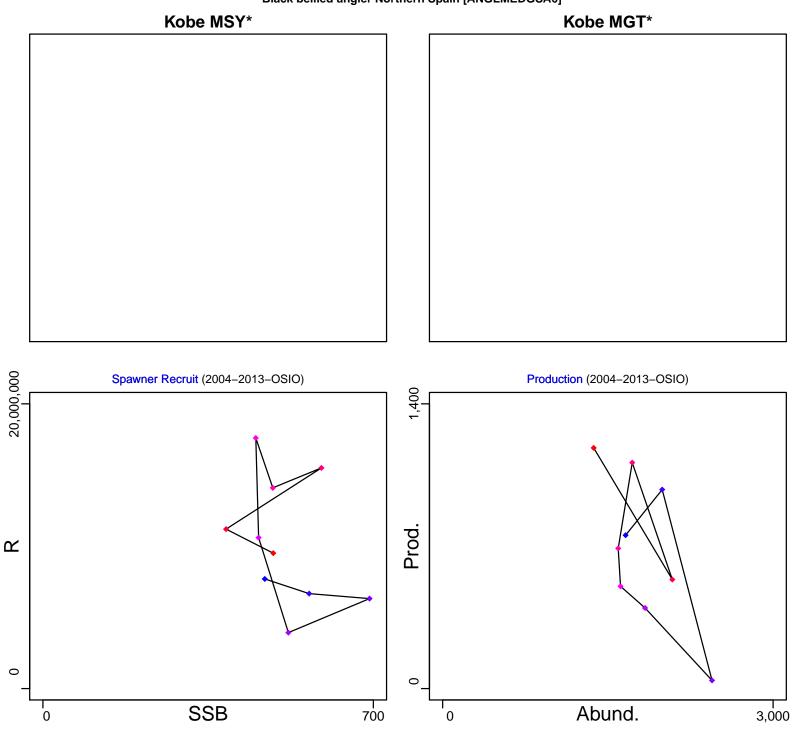


Black bellied angler Northern Spain [ANGLMEDGSA6]

Metadata		
Scientific Name	Lophius budegassa	
Current Assess ID	STECF-ANGLMEDGSA6-2004-2013-OSIO	
Area Northern Spain		
Management Authority	General Fisheries Council for the Mediterranean, DG MARE, and national states	
Assessor	Scientific, Technical and Economic Committee for Fisheries	
Asmts in RAM	2013	

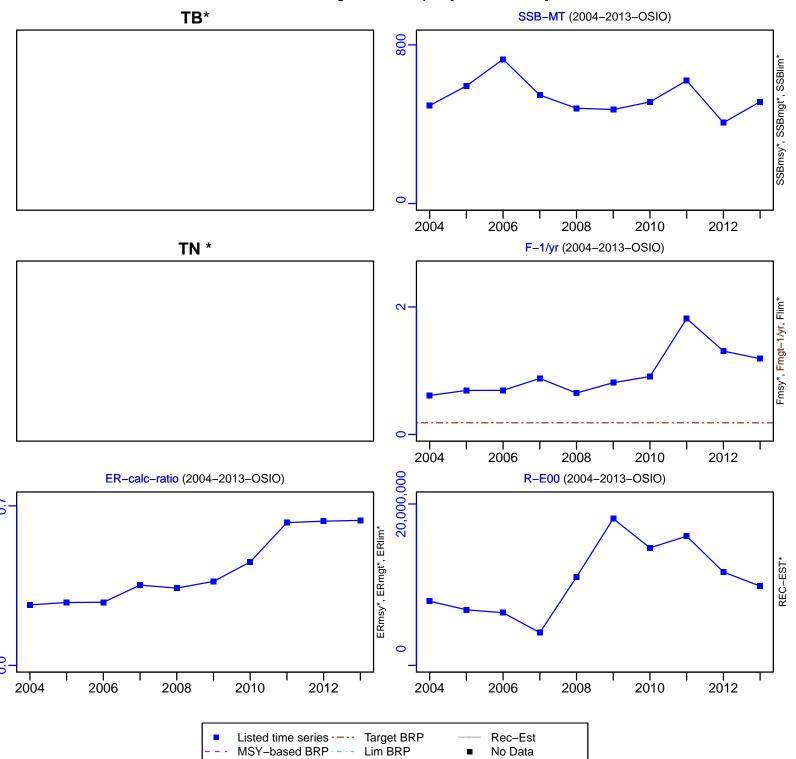
Reference Points					
Туре	ID	Asmt Year	Value		
TBmsy	-	-	-		
SSBmsy	-	-	-		
Fmsy	-	-	-		
ERmsy	-	-	-		
TBmgt	-	-	-		
SSBmgt	-	-	-		
Fmgt	Fmgt-1/yr	2013	0.14		
ERmgt	-	-	-		
TB0	-	-	-		
SSB0	-	-	-		
MSY	-	-	-		
M	-	-	-		
TBlim	-	-	-		
SSBlim	-	-	-		
Flim	-	-	-		
ERlim	-	-	-		

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	-	-	-	-	-
SSB	SSB-MT	2013	488	-	5+
TN	-	-	-	-	-
R	R-E00	2013	9,510,000	-	-
F	F-1/yr	2013	1	-	-
ER	ER-calc-ratio	2013	1	-	-
TC	TC-MT	2013	1050		
TL	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	F-1/yr/Fmgt-1/yr	2013	6.49		
ER/ERmgt	-	-	-		

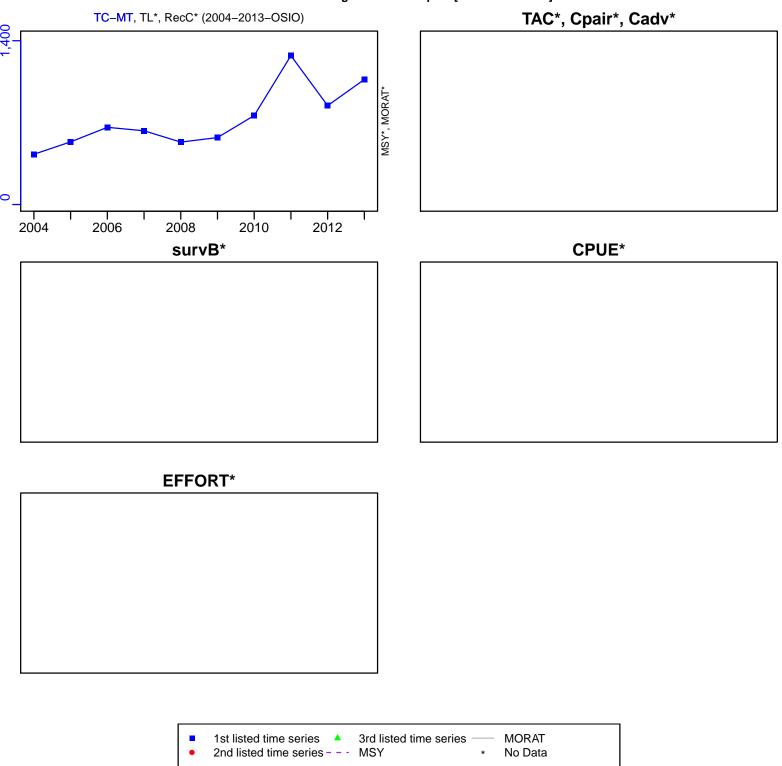


Start Year → End Year → No Data

Black bellied angler Northern Spain [ANGLMEDGSA6]



Black bellied angler Northern Spain [ANGLMEDGSA6]



Metadata		
Scientific Name	Lophius budegassa	
Current Assess ID	STECF-ANGLMEDGSA7-2005-2011-OSIO	
Area	Gulf of Lions	
Management Authority	General Fisheries Council for the Mediterranean, DG MARE, and national states	
Assessor	Scientific, Technical and Economic Committee for Fisheries	
Asmts in RAM	2011	

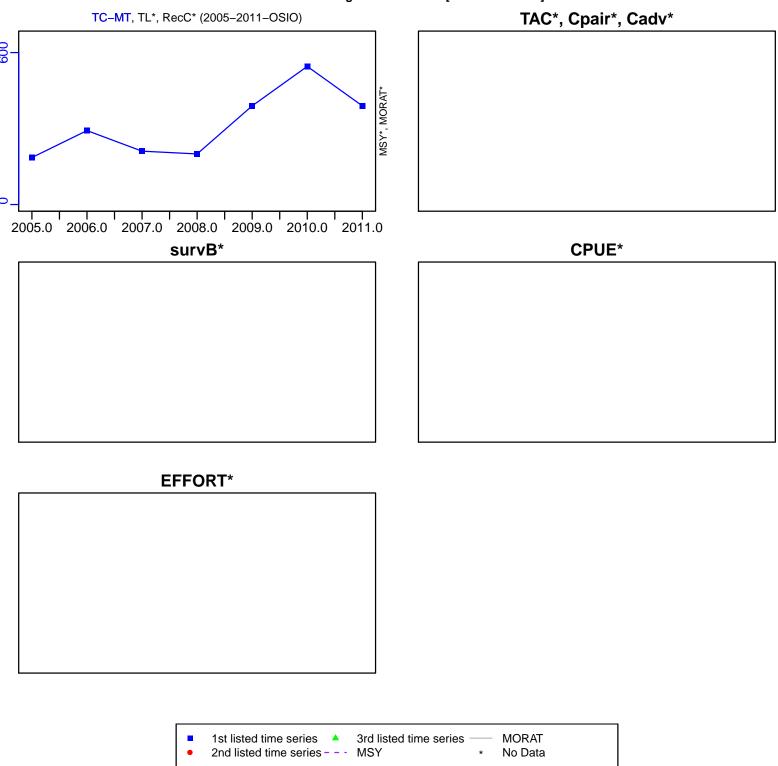
Reference Points					
Туре	ID	Asmt Year	Value		
TBmsy	-	-	-		
SSBmsy	-	-	-		
Fmsy	-	-	-		
ERmsy	-	-	-		
TBmgt	-	-	-		
SSBmgt	-	-	-		
Fmgt	Fmgt-1/yr	2011	0.29		
ERmgt	-	-	-		
TB0	-	-	-		
SSB0	-	-	-		
MSY	-	-	-		
М	-	-	-		
TBlim	-	-	-		
SSBlim	-	-	-		
Flim	-	-	-		
ERlim	-	-	-		

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	-	-	-	-	-
SSB	-	-	-	-	-
TN	-	-	-	-	-
R	-	-	-	-	-
F	-	-	-	-	-
ER	-	-	-	-	-
TC	TC-MT	2011	355		
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*
ER	Reciuits
■ Listed time series Ta MSY-based BRP Li	arget BRP — Rec-Est
MSY-based BRP Li	m BRP ■ No Data

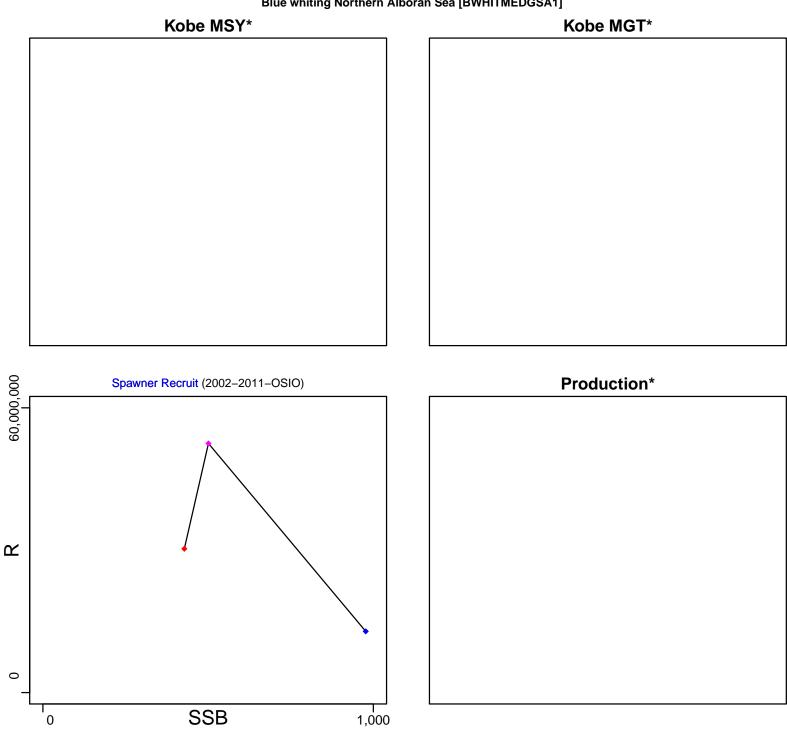


Blue whiting Northern Alboran Sea [BWHITMEDGSA1]

Metadata		
Scientific Name	Micromesistius poutassou	
Current Assess ID	STECF-BWHITMEDGSA1-2002-2011-OSIO	
Area	Northern Alboran Sea	
Management Authority	General Fisheries Council for the Mediterranean, DG MARE, and national states	
Assessor	Scientific, Technical and Economic Committee for Fisheries	
Asmts in RAM	2011	

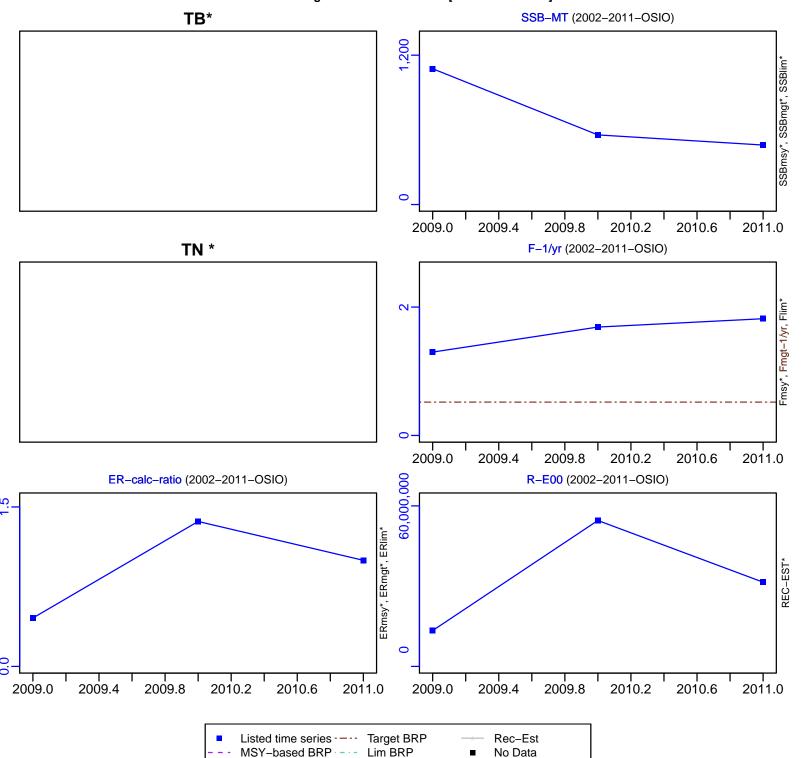
Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	-	-	-	
Fmsy	-	-	-	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	Fmgt-1/yr	2011	0.4	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	-	-	-	
MSY	-	-	-	
M	-	-	-	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	-	-	-	-	-
SSB	SSB-MT	2011	428	-	2+
TN	-	-	-	-	-
R	R-E00	2011	30,300,000	-	-
F	F-1/yr	2011	1	-	-
ER	ER-calc-ratio	2011	1	-	-
TC	TC-MT	2011	644		
TL	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	F-1/yr/Fmgt-1/yr	2011	3.5		
ER/ERmgt	-	-	-		

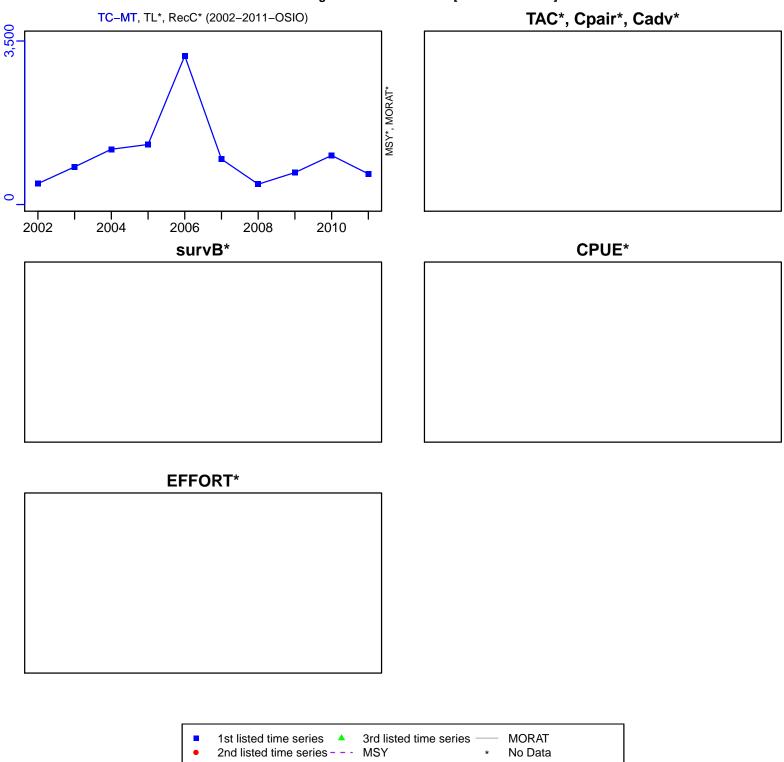


Start Year → End Year → No Data

Blue whiting Northern Alboran Sea [BWHITMEDGSA1]



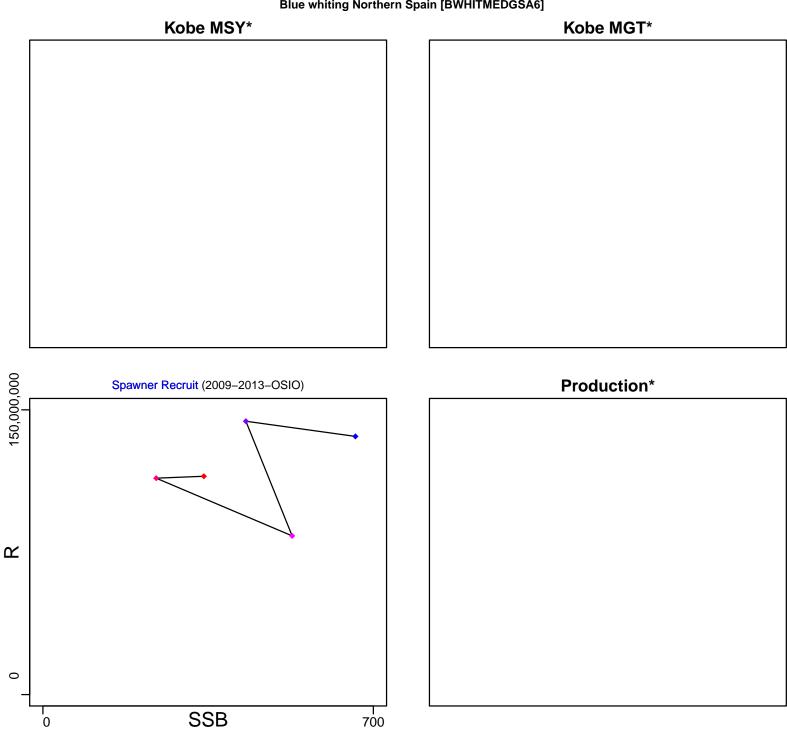
Blue whiting Northern Alboran Sea [BWHITMEDGSA1]



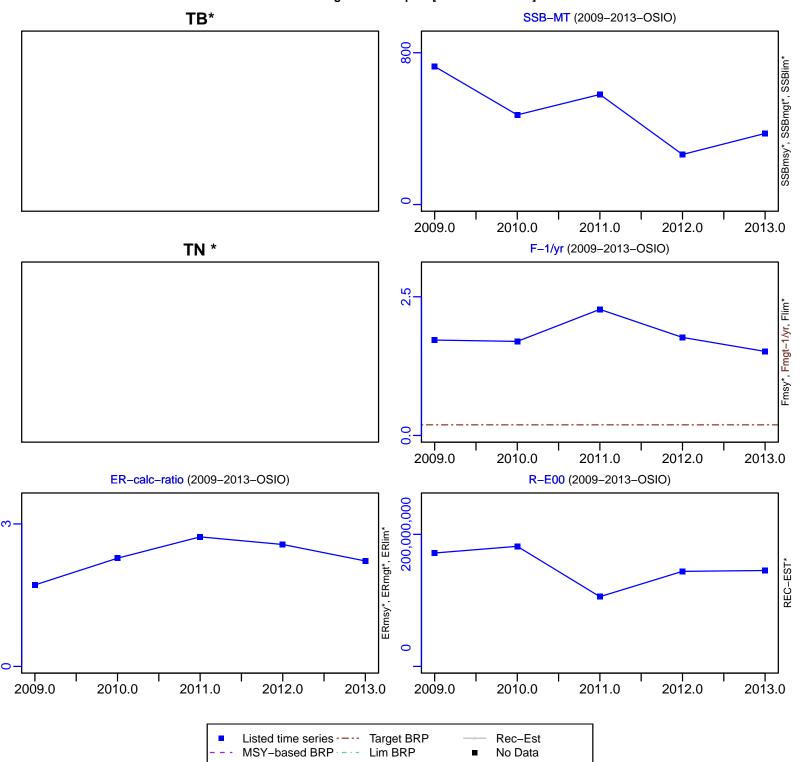
Metadata			
Scientific Name	Micromesistius poutassou		
Current Assess ID STECF-BWHITMEDGSA6-2009-2013-OSIO			
Area Northern Spain			
Management Authority General Fisheries Council for the Mediterranean, DG MARE, and national s			
Assessor Scientific, Technical and Economic Committee for Fisheries			
Asmts in RAM	2013		

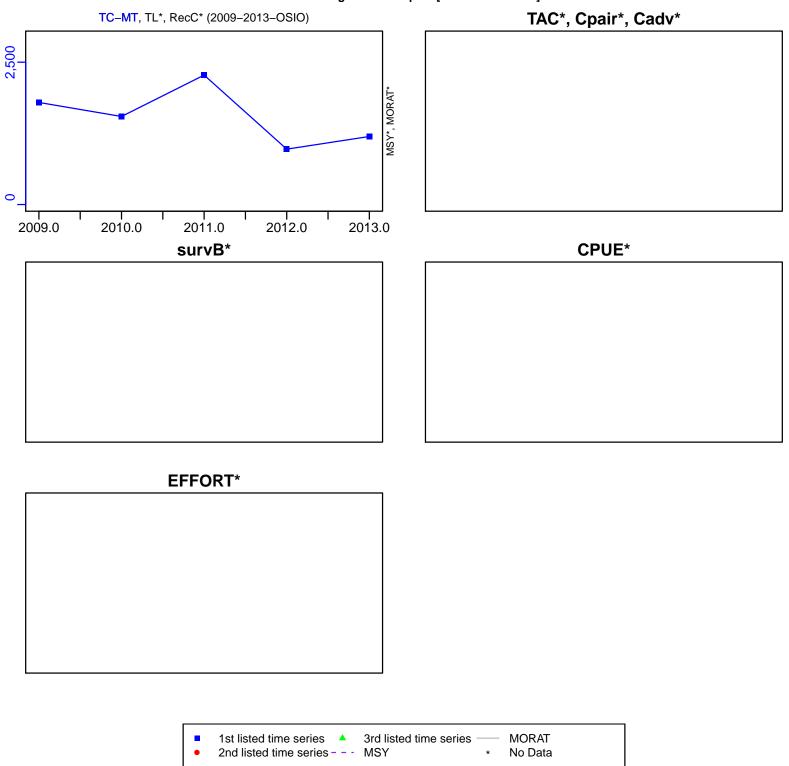
Reference Points					
Туре	ID	Asmt Year	Value		
TBmsy	-	-	-		
SSBmsy	-	-	-		
Fmsy	-	-	-		
ERmsy	-	-	-		
TBmgt	-	-	-		
SSBmgt	-	-	-		
Fmgt	Fmgt-1/yr	2013	0.16		
ERmgt	-	-	-		
TB0	-	-	-		
SSB0	-	-	-		
MSY	-	-	-		
М	-	-	-		
TBlim	-	-	-		
SSBlim	-	-	-		
Flim	-	-	-		
ERlim	-	-	-		

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	-	-	-	-	-
SSB	SSB-MT	2013	341	-	2+
TN	-	-	-	-	-
R	R-E00	2013	1.15×10^{8}	-	-
F	F-1/yr	2013	1	-	-
ER	ER-calc-ratio	2013	2	-	-
TC	TC-MT	2013	1020		
TL	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	F-1/yr/Fmgt-1/yr	2013	7.9		
ER/ERmgt	-	-	-		



Start Year • End Year * No Data



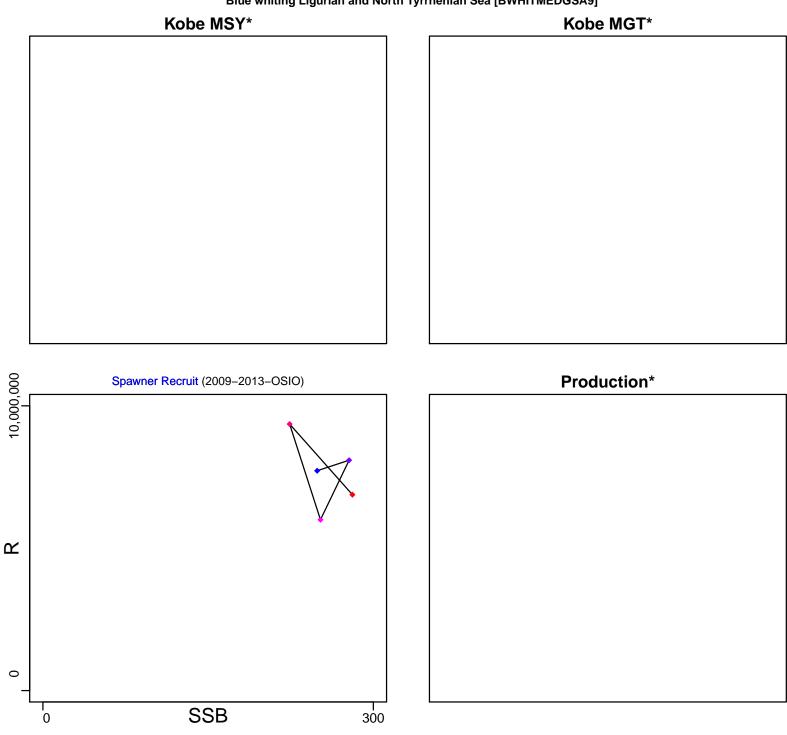


Blue whiting Ligurian and North Tyrrhenian Sea [BWHITMEDGSA9]

Metadata			
Scientific Name	Micromesistius poutassou		
Current Assess ID STECF-BWHITMEDGSA9-2009-2013-OSIO			
Area Ligurian and North Tyrrhenian Sea			
Management Authority General Fisheries Council for the Mediterranean, DG MARE, and national			
Assessor	Scientific, Technical and Economic Committee for Fisheries		
Asmts in RAM	2013		

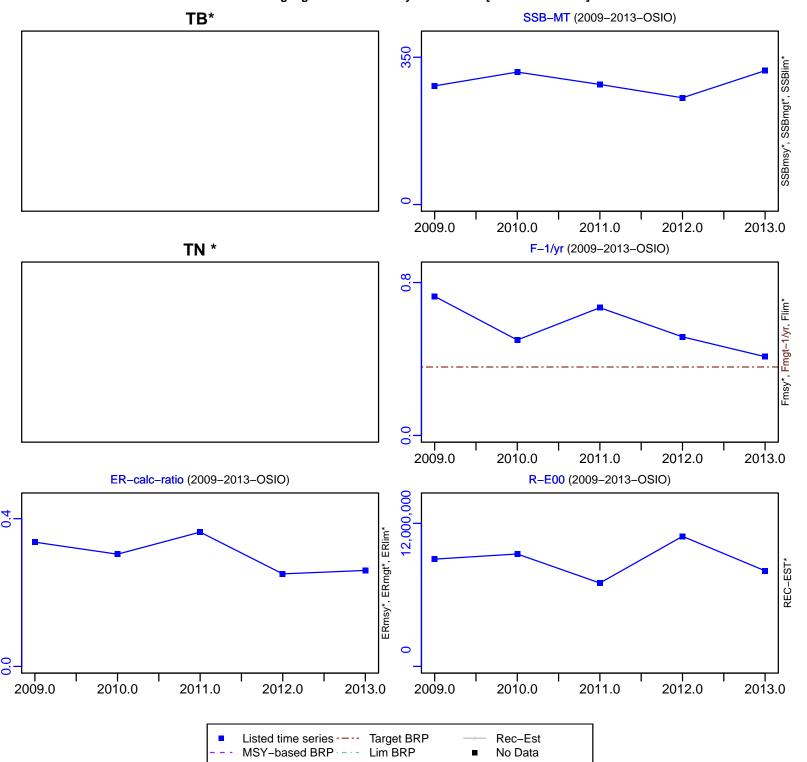
Reference Points					
Туре	ID	Asmt Year	Value		
TBmsy	-	-	-		
SSBmsy	-	-	-		
Fmsy	-	-	-		
ERmsy	-	-	-		
TBmgt	-	-	-		
SSBmgt	-	-	-		
Fmgt	Fmgt-1/yr	2013	0.33		
ERmgt	-	-	-		
TB0	-	-	-		
SSB0	-	-	-		
MSY	-	-	-		
M	-	-	-		
TBlim	-	-	-		
SSBlim	-	-	-		
Flim	-	-	-		
ERlim	-	-	-		

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	-	-	-	-	-
SSB	SSB-MT	2013	281	-	2+
TN	-	-	-	-	-
R	R-E00	2013	6,880,000	-	-
F	F-1/yr	2013	0	-	-
ER	ER-calc-ratio	2013	0	-	-
TC	TC-MT	2013	102		
TL	-	-	-]	
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	F-1/yr/Fmgt-1/yr	2013	1.15		
ER/ERmgt	-	-	-		

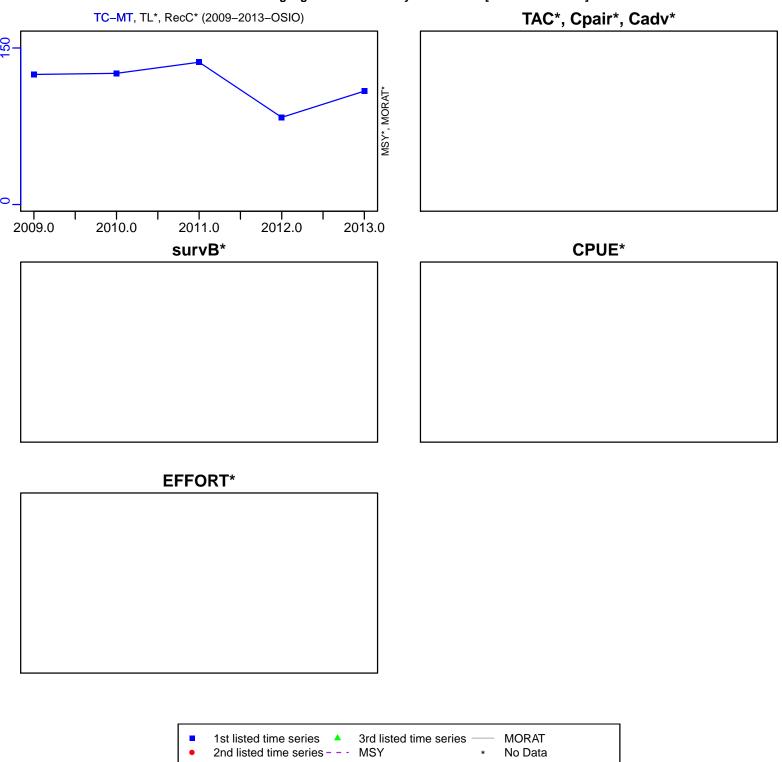


Start Year ◆ End Year * No Data

Blue whiting Ligurian and North Tyrrhenian Sea [BWHITMEDGSA9]



Blue whiting Ligurian and North Tyrrhenian Sea [BWHITMEDGSA9]

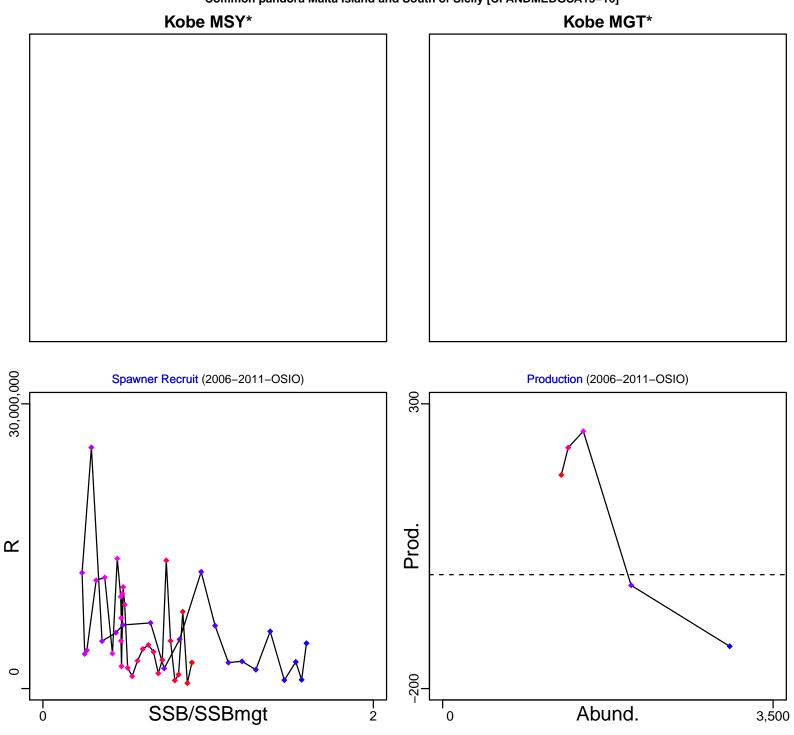


Common pandora Malta Island and South of Sicily [CPANDMEDGSA15-16]

Metadata			
Scientific Name	Pagellus erythrinus		
Current Assess ID	STECF-CPANDMEDGSA15-16-2006-2011-OSIO		
Area Malta Island and South of Sicily (GSA 15, 16)			
Management Authority	General Fisheries Council for the Mediterranean, DG MARE, and national states		
Assessor	Scientific, Technical and Economic Committee for Fisheries		
Asmts in RAM	2011		

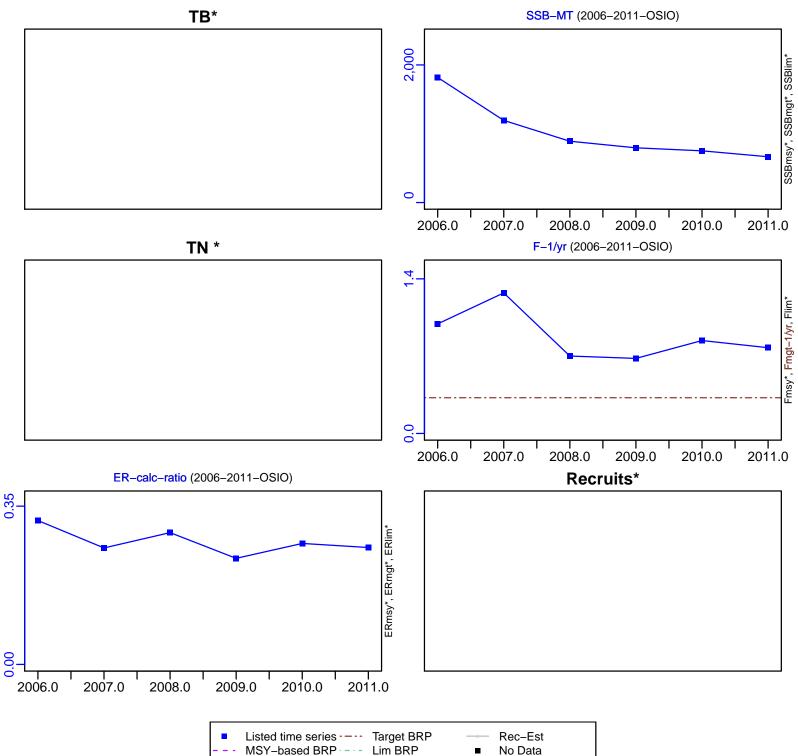
Reference Points					
Туре	ID	Asmt Year	Value		
TBmsy	-	-	-		
SSBmsy	-	-	-		
Fmsy	-	-	-		
ERmsy	-	-	-		
TBmgt	-	-	-		
SSBmgt	-	-	-		
Fmgt	Fmgt-1/yr	2011	0.3		
ERmgt	-	-	-		
TB0	-	-	-		
SSB0	-	-	-		
MSY	-	-	-		
M	-	-	-		
TBlim	-	-	-		
SSBlim	-	-	-		
Flim	-	-	-		
ERlim	-	-	-		

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



Start Year • End Year * No Data

Common pandora Malta Island and South of Sicily [CPANDMEDGSA15-16]



TC*, TL*, RecC*	TAC*, Cpair*, Cadv*
survB*	CPUE*
EFFORT*	
LITORI	
 1st listed time series A 3rd 2nd listed time series MS* 	listed time series — MORAT Y * No Data

Metadata				
Scientific Name	Pagellus erythrinus			
Current Assess ID	STECF-CPANDMEDGSA9-2006-2010-OSIO			
Area Ligurian and North Tyrrhenian Sea				
Management Authority	General Fisheries Council for the Mediterranean, DG MARE, and national states			
Assessor	Scientific, Technical and Economic Committee for Fisheries			
Asmts in RAM	2010			

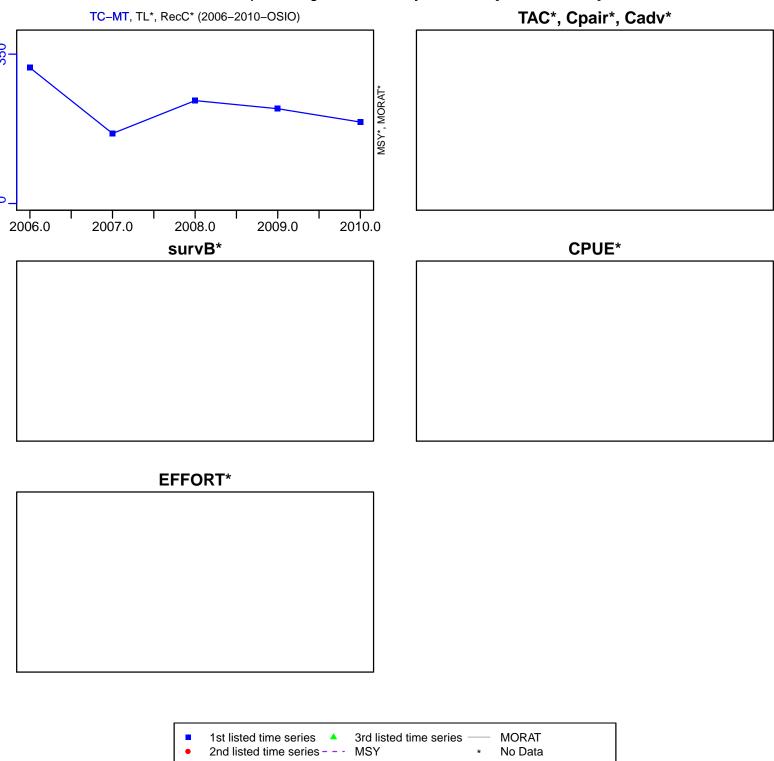
Reference Points					
Туре	ID	Asmt Year	Value		
TBmsy	-	-	-		
SSBmsy	-	-	-		
Fmsy	-	-	-		
ERmsy	-	-	-		
TBmgt	-	-	-		
SSBmgt	-	-	-		
Fmgt	Fmgt-1/yr	2010	0.48		
ERmgt	-	-	-		
TB0	-	-	-		
SSB0	-	-	-		
MSY	-	-	-		
М	-	-	-		
TBlim	-	-	-		
SSBlim	-	-	-		
Flim	-	-	-		
ERlim	-	-	-		

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	-	-	-	-	-
SSB	-	-	-	-	-
TN	-	-	-	-	-
R	-	-	-	-	-
F	-	-	-	-	-
ER	-	-	-	-	-
TC	TC-MT	2010	171		
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*
ED*	Dooruito*
ER*	Recruits*
Listed time series Ta	arget BRP — Rec–Est m BRP ■ No Data

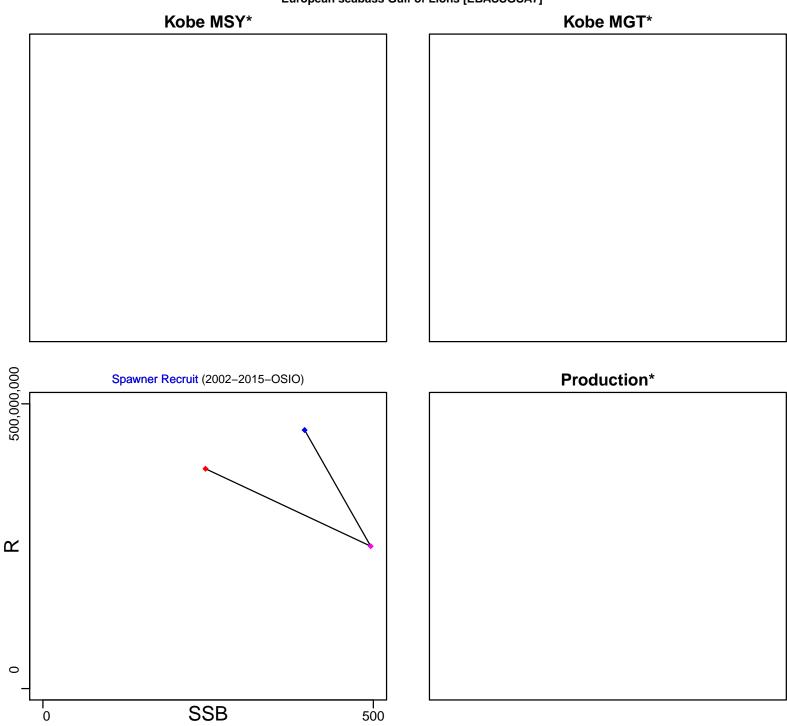


European seabass Gulf of Lions [EBASSGSA7]

Metadata				
Scientific Name	Dicentrarchus labrax			
Current Assess ID STECF-EBASSGSA7-2002-2015-OSIO				
Area Gulf of Lions				
Management Authority	General Fisheries Council for the Mediterranean, DG MARE, and national states			
Assessor Scientific, Technical and Economic Committee for Fisheries				
Asmts in RAM	2015			

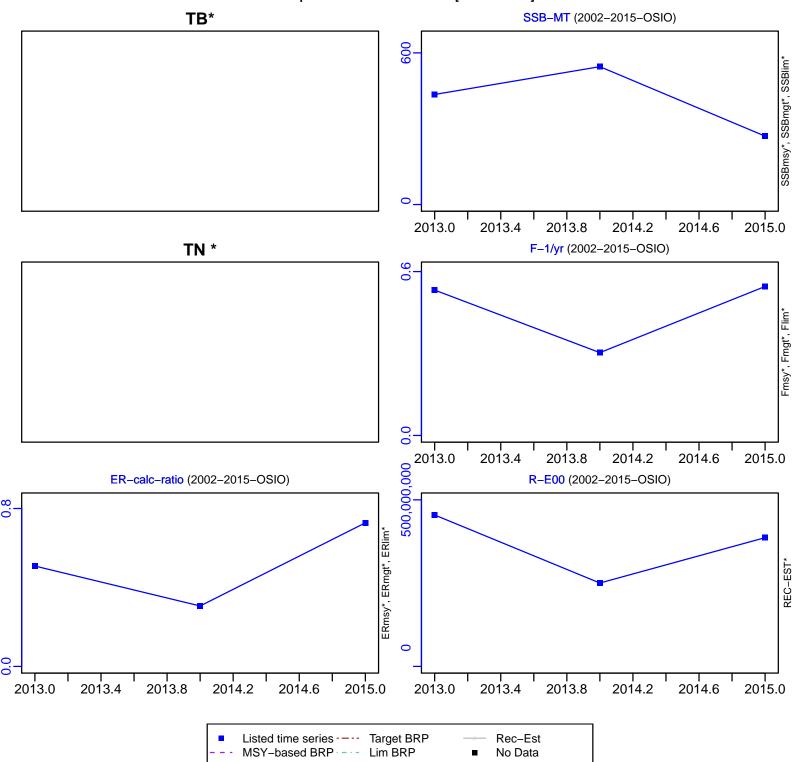
Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	-	-	-	
Fmsy	-	-	-	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	-	-	-	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	-	-	-	
MSY	-	-	-	
М	-	-	-	
TBlim		-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	-	-	-	-	-
SSB	SSB-MT	2015	246	-	-
TN	-	-	-	-	-
R	R-E00	2015	3.86×10^{8}	-	-
F	F-1/yr	2015	1	-	-
ER	ER-calc-ratio	2015	1	-	-
TC	-	-	-		
TL	TL-MT	2015	272		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

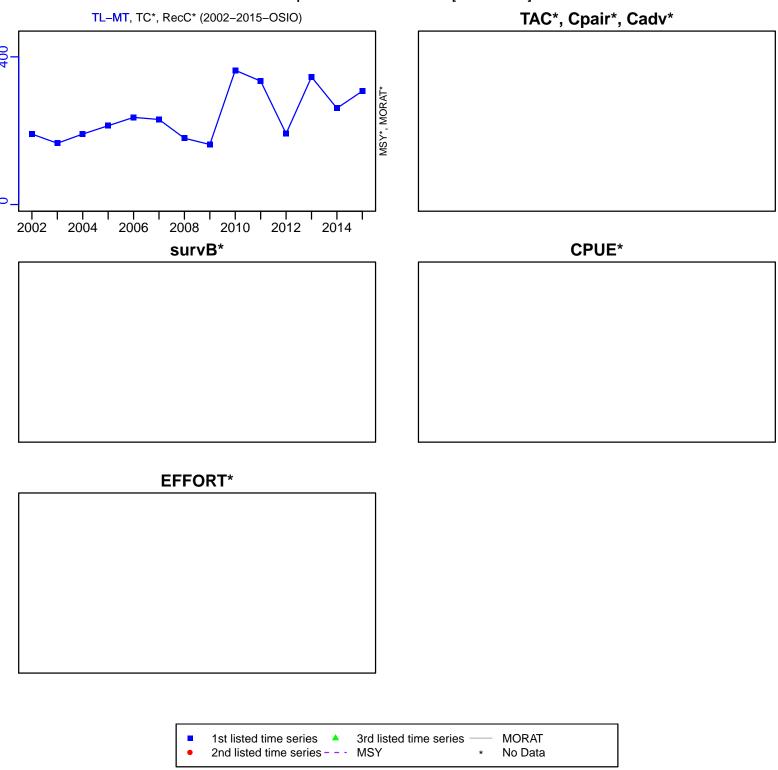


Start Year ◆ End Year * No Data

European seabass Gulf of Lions [EBASSGSA7]



European seabass Gulf of Lions [EBASSGSA7]



Metadata		
Scientific Name	Phycis blennoides	
Current Assess ID	STECF-GFORKBMEDGSA9-2007-2011-OSIO	
Area	Ligurian and North Tyrrhenian Sea	
Management Authority	General Fisheries Council for the Mediterranean, DG MARE, and national states	
Assessor	Scientific, Technical and Economic Committee for Fisheries	
Asmts in RAM	2011	

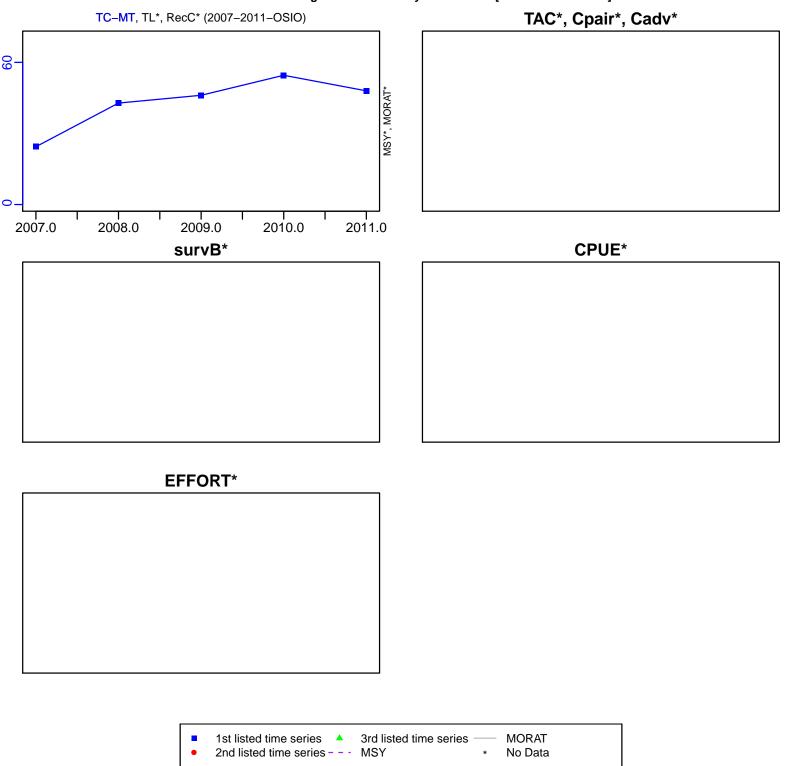
Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	-	-	-	
Fmsy	-	-	-	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	Fmgt-1/yr	2011	0.32	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	-	-	-	
MSY	-	-	-	
М	-	-	-	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
TB	-	-	-	-	-
SSB	-	-	-	-	-
TN	-	-	-	-	-
R	-	-	-	-	-
F	-	-	-	-	-
ER	-	-	-	-	-
TC	TC-MT	2011	40.9		
TL	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

Kobe MSY*	Kobe MGT*
Snawner Recruit*	Production*
Spawner Recruit*	
Opawner Recitate	
Opawner Recitate	
Opawner Recruit	
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	arget BRP — Rec–Est m BRP ■ No Data

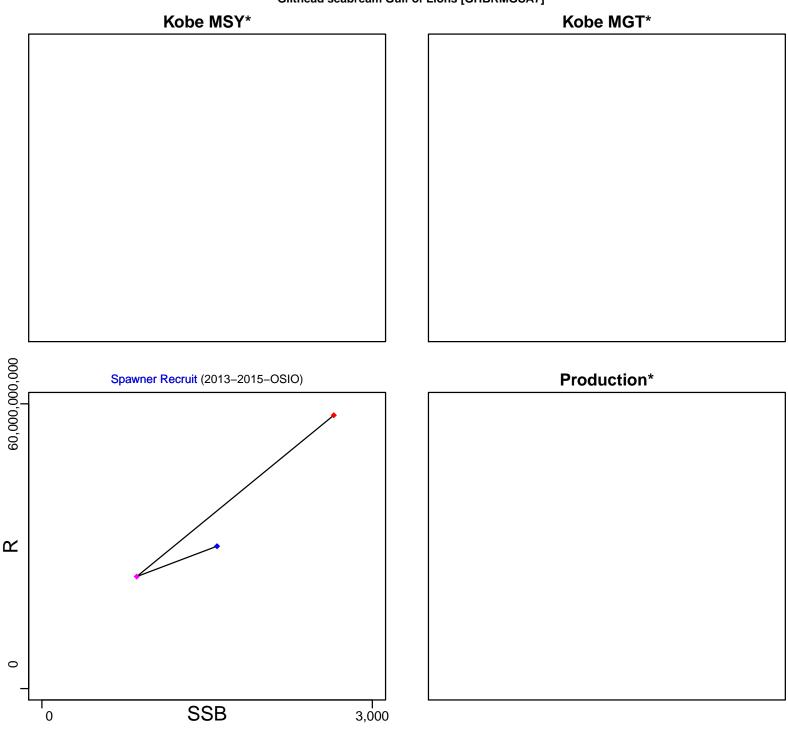


Gilthead seabream Gulf of Lions [GHBRMGSA7]

Metadata		
Scientific Name	Sparus aurata	
Current Assess ID	STECF-GHBRMGSA7-2013-2015-OSIO	
Area	Gulf of Lions	
Management Authority	General Fisheries Council for the Mediterranean, DG MARE, and national states	
Assessor	Scientific, Technical and Economic Committee for Fisheries	
Asmts in RAM	2015	

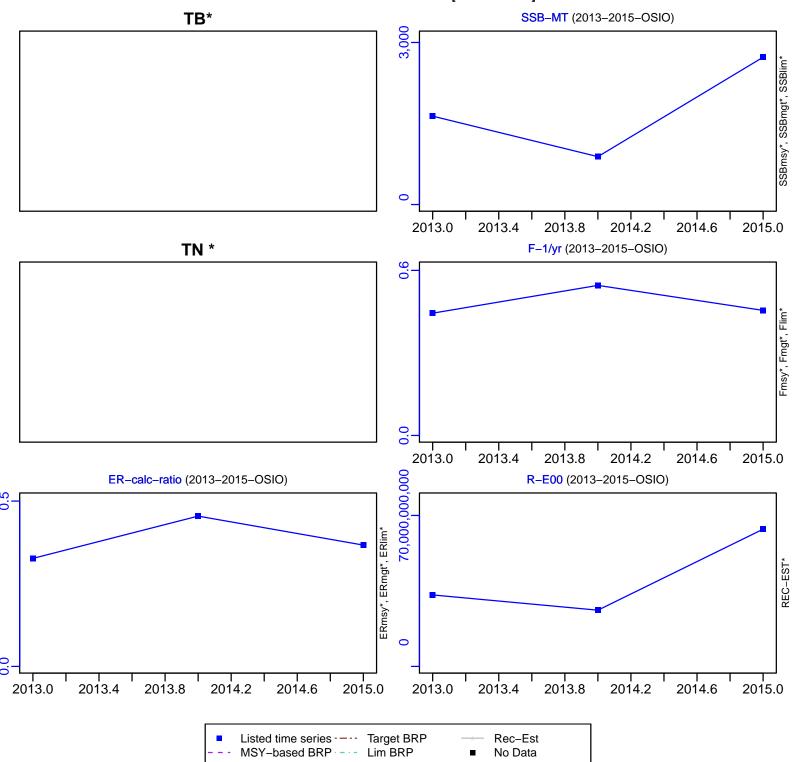
F	Reference Points				
Туре	ID	Asmt Year	Value		
TBmsy	-	-	-		
SSBmsy	-	-	-		
Fmsy	-	-	-		
ERmsy	-	-	-		
TBmgt	-	-	-		
SSBmgt	-	-	-		
Fmgt	-	-	-		
ERmgt	-	-	-		
TB0	-	-	-		
SSB0	-	-	-		
MSY	-	-	-		
M	-	-	-		
TBlim	-	-	-		
SSBlim	-	-	-		
Flim	-	-	-		
ERlim	-	-	-		

	Time Series				
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	-	-	-	-	-
SSB	SSB-MT	2015	2650	-	-
TN	-	-	-	-	-
R	R-E00	2015	5.76×10^{10}	-	-
F	F-1/yr	2015	0	-	-
ER	ER-calc-ratio	2015	0	-	-
TC	-	-	-		
TL	TL-MT	2015	1700		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-]	
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

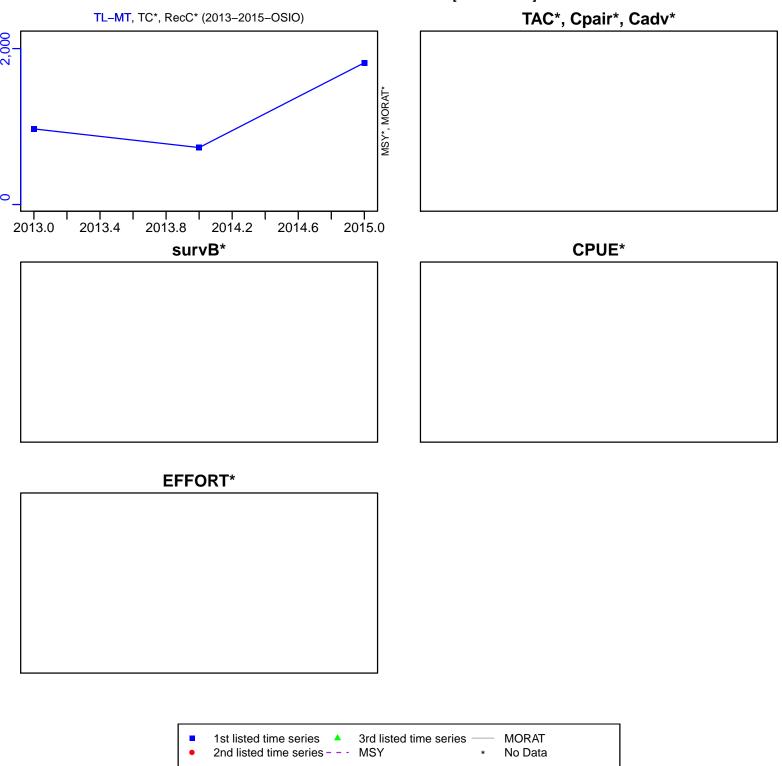


Start Year • End Year * No Data

Gilthead seabream Gulf of Lions [GHBRMGSA7]



Gilthead seabream Gulf of Lions [GHBRMGSA7]

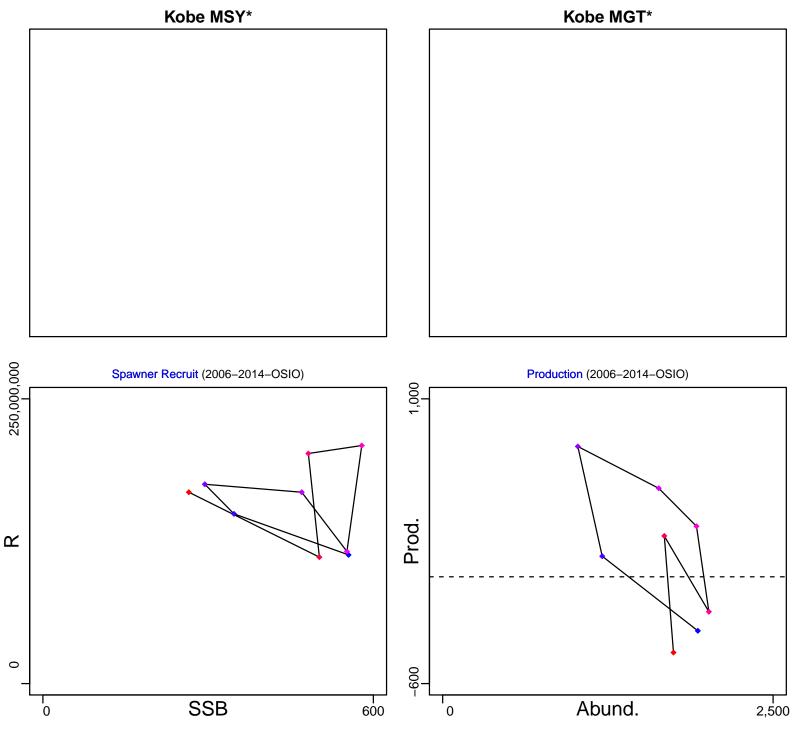


Giant red shrimp South Tyrrhenian Sea [GRSHRIMPMEDGSA10]

Metadata		
Scientific Name	Aristaeomorpha foliacea	
Current Assess ID	STECF-GRSHRIMPMEDGSA10-2006-2014-OSIO	
Area	South Tyrrhenian Sea	
Management Authority	General Fisheries Council for the Mediterranean, DG MARE, and national states	
Assessor	Scientific, Technical and Economic Committee for Fisheries	
Asmts in RAM	2014	

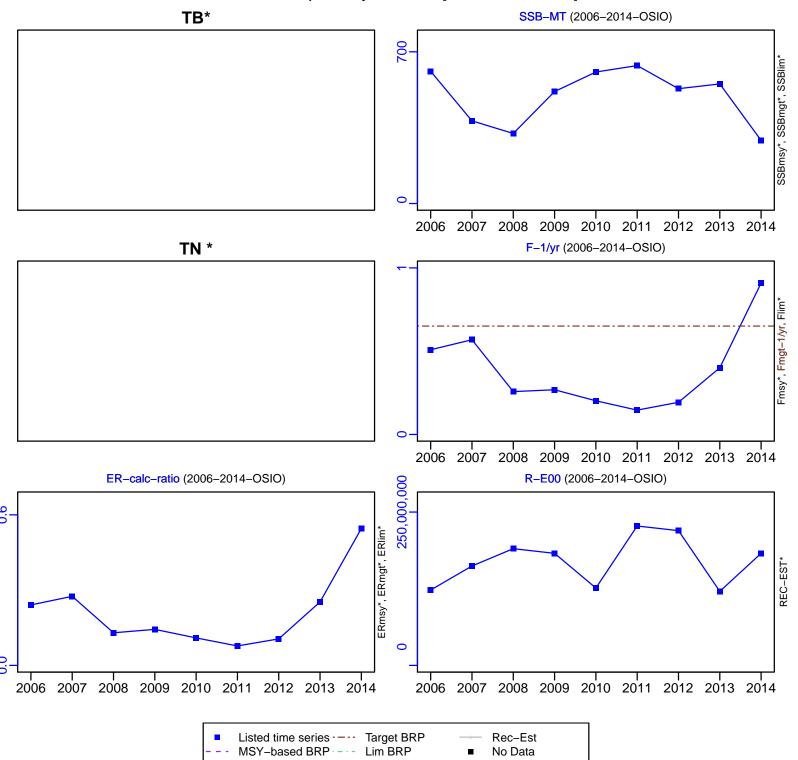
Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	-	-	-	
Fmsy	-	-	-	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	Fmgt-1/yr	2014	0.65	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	-	-	-	
MSY	-	-	-	
М	-	-	-	
TBlim	-	-	-	
SSBlim	SSBlim-MT	2014	265	
Flim	-	-	-	
ERlim	-	-	-	

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	-	-	-	-	-
SSB	SSB-MT	2014	265	-	2+
TN	-	-	-	-	-
R	R-E00	2014	1.68×10^{8}	-	-
F	F-1/yr	2014	1	-	-
ER	ER-calc-ratio	2014	0	-	-
TC	TC-MT	2014	454		
TL	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	F-1/yr/Fmgt-1/yr	2014	1.4		
ER/ERmgt	-	-	-		

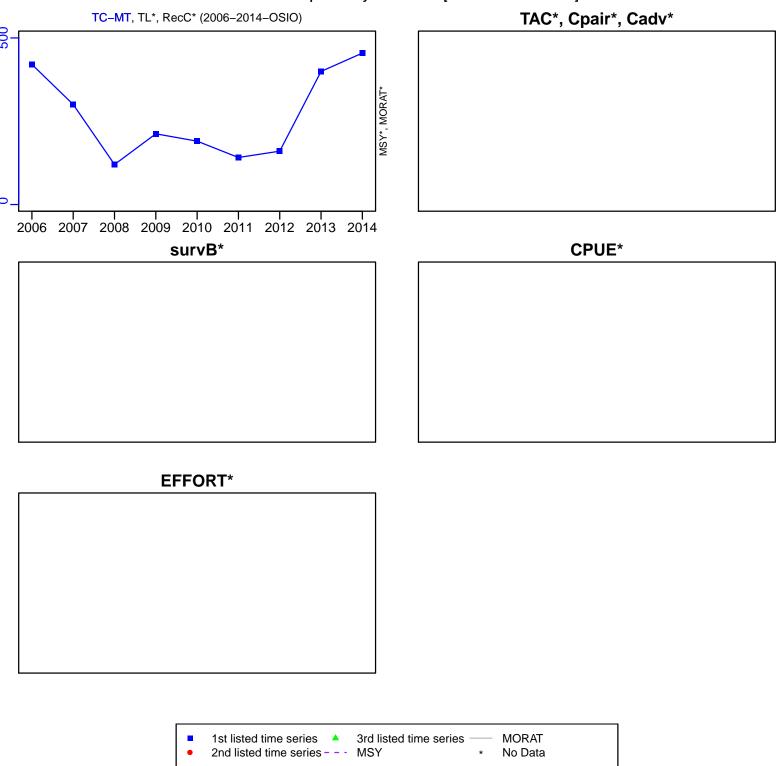


Start Year → End Year → No Data

Giant red shrimp South Tyrrhenian Sea [GRSHRIMPMEDGSA10]



Giant red shrimp South Tyrrhenian Sea [GRSHRIMPMEDGSA10]

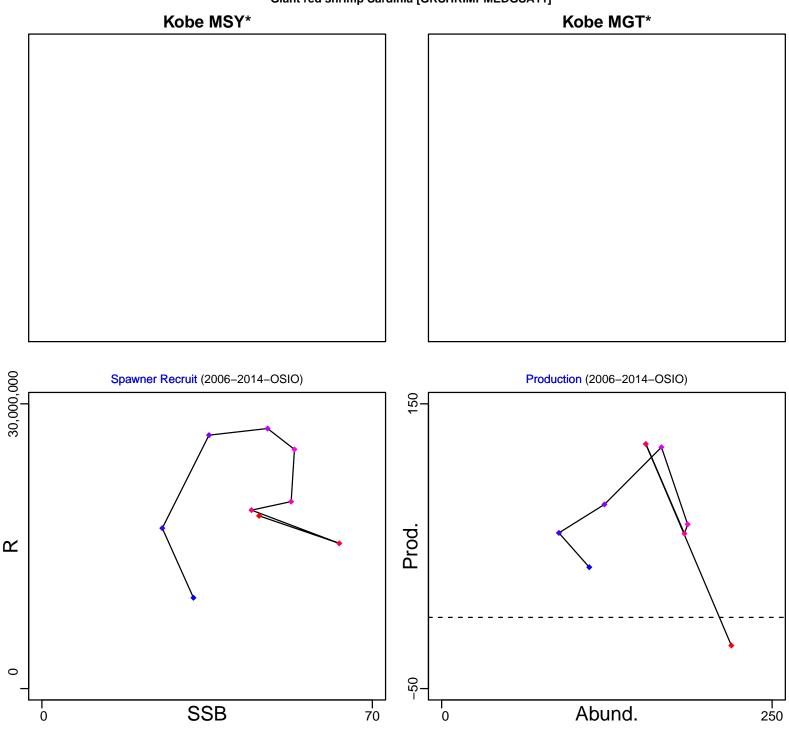


Giant red shrimp Sardinia [GRSHRIMPMEDGSA11]

Metadata		
Scientific Name	Aristaeomorpha foliacea	
Current Assess ID	STECF-GRSHRIMPMEDGSA11-2006-2014-OSIO	
Area	Sardinia	
Management Authority	General Fisheries Council for the Mediterranean, DG MARE, and national states	
Assessor	Scientific, Technical and Economic Committee for Fisheries	
Asmts in RAM	2014	

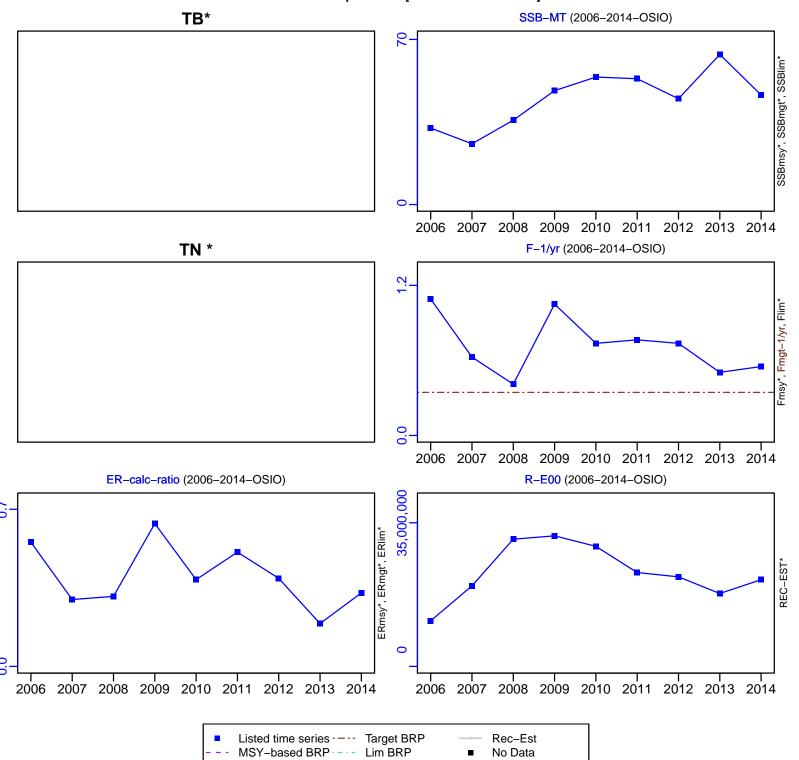
Reference Points					
Туре	ID	Asmt Year	Value		
TBmsy	-	-	-		
SSBmsy	-	-	-		
Fmsy	-	-	-		
ERmsy	-	-	-		
TBmgt	-	-	-		
SSBmgt	-	-	-		
Fmgt	Fmgt-1/yr	2014	0.31		
ERmgt	-	-	-		
TB0	-	-	-		
SSB0	-	-	-		
MSY	-	-	-		
М	-	-	-		
TBlim	-	-	-		
SSBlim	SSBlim-MT	2014	26		
Flim	-	-	-		
ERlim	-	-	-		

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	-	-	-	-	-
SSB	SSB-MT	2014	46	-	2+
TN	-	-	-	-	-
R	R-E00	2014	18,200,000	-	-
F	F-1/yr	2014	0	-	-
ER	ER-calc-ratio	2014	0	-	-
TC	TC-MT	2014	49.4		
TL	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	F-1/yr/Fmgt-1/yr	2014	1.6		
ER/ERmgt	-	-	-		

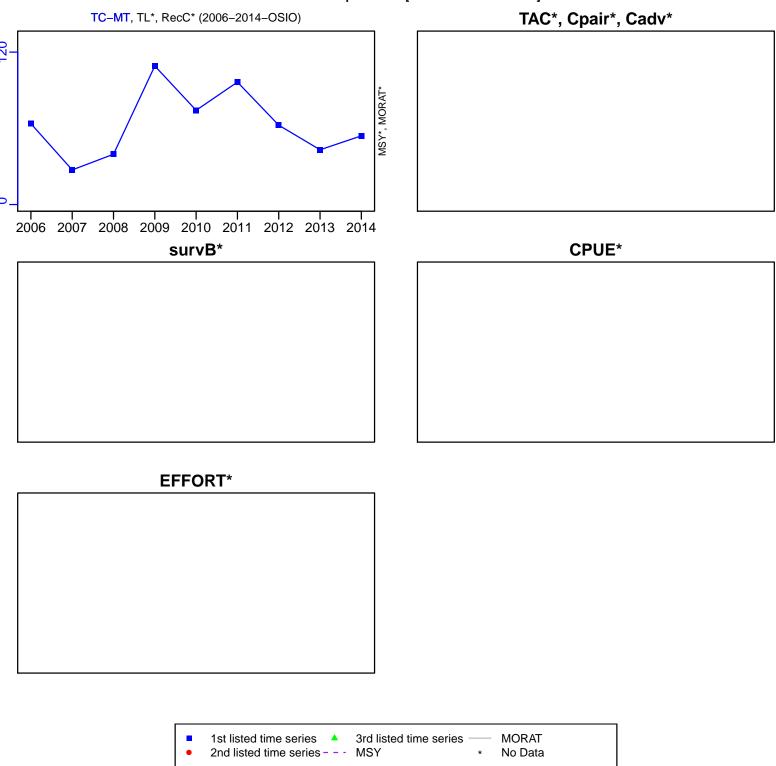


Start Year → End Year → No Data

Giant red shrimp Sardinia [GRSHRIMPMEDGSA11]



Giant red shrimp Sardinia [GRSHRIMPMEDGSA11]

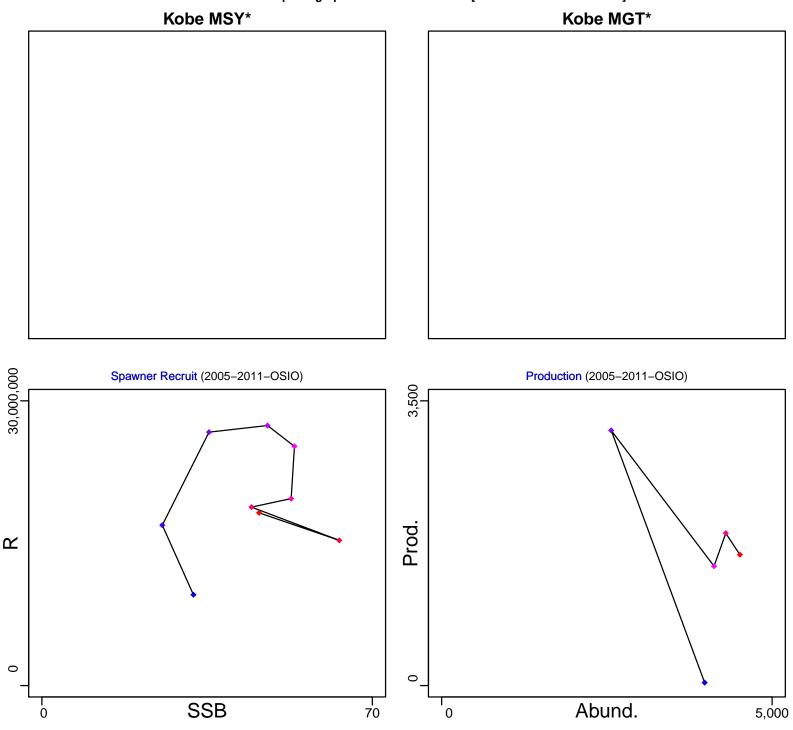


Giant red shrimp Geographical Sub-Areas 12-16 [GRSHRIMPMEDGSA12-16]

Metadata			
Scientific Name	Aristaeomorpha foliacea		
Current Assess ID	STECF-GRSHRIMPMEDGSA12-16-2005-2011-OSIO		
Area	Geographical Sub-Areas 12-16		
Management Authority	General Fisheries Council for the Mediterranean, DG MARE, and national states		
Assessor	Scientific, Technical and Economic Committee for Fisheries		
Asmts in RAM	2011		

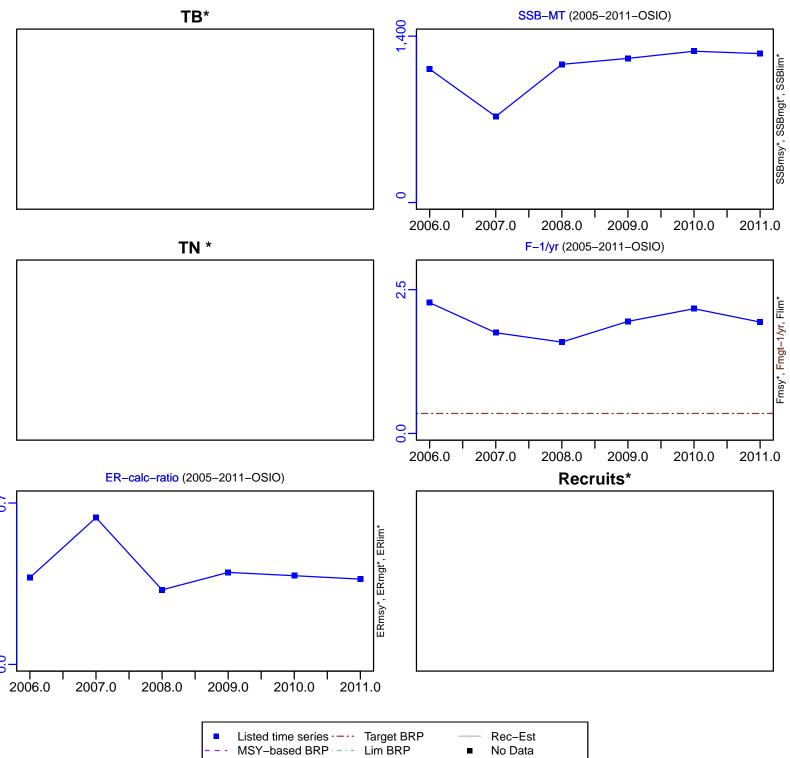
Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	-	-	-	
Fmsy	-	-	-	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	Fmgt-1/yr	2011	0.3	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	-	-	-	
MSY	-	-	-	
M	-	-	-	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

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



Start Year • End Year * No Data

Giant red shrimp Geographical Sub-Areas 12-16 [GRSHRIMPMEDGSA12-16]



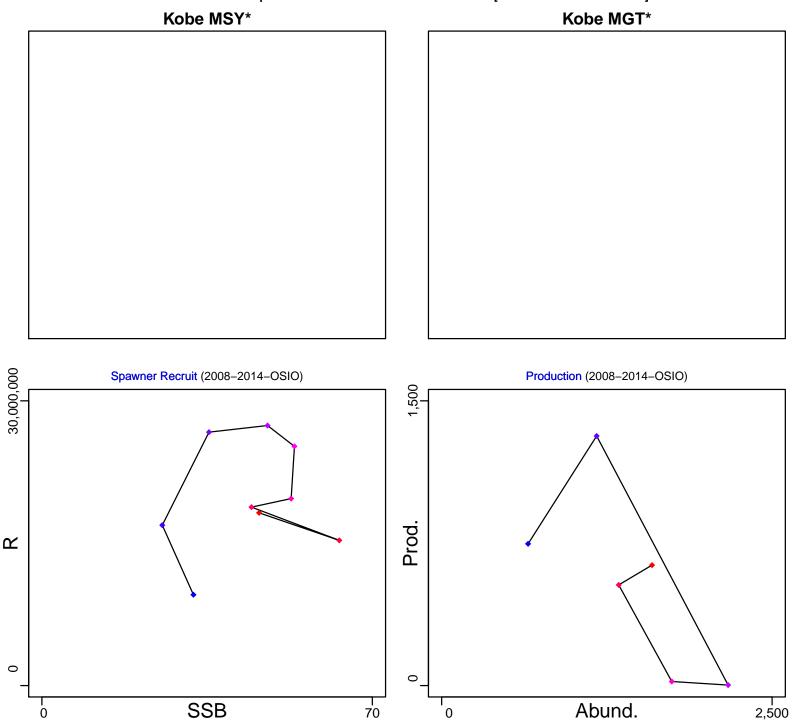
TC*, TL*, RecC*	TAC*, Cpair*, Cadv*
survB*	CPUE*
EFFORT*	
 1st listed time series A 3rd 2nd listed time series MS 	listed time series — MORAT Y * No Data

Giant red shrimp South Adriatic Sea and West Ionian Sea [GRSHRIMPMEDGSA18-19]

Metadata			
Scientific Name	Aristaeomorpha foliacea		
Current Assess ID	STECF-GRSHRIMPMEDGSA18-19-2008-2014-OSIO		
Area	South Adriatic Sea and West Ionian Sea (GSA 18,19)		
Management Authority	General Fisheries Council for the Mediterranean, DG MARE, and national states		
Assessor	Scientific, Technical and Economic Committee for Fisheries		
Asmts in RAM	2014		

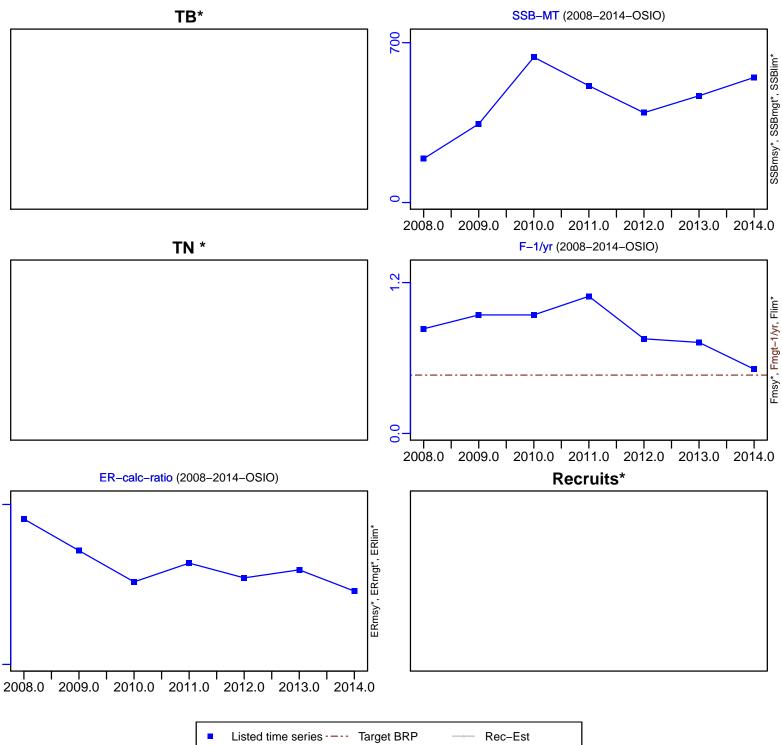
Reference Points					
Туре	Type ID		Value		
TBmsy	-	-	-		
SSBmsy	-	-	-		
Fmsy	-	-	-		
ERmsy	-	-	-		
TBmgt	-	-	-		
SSBmgt	-	-	-		
Fmgt	Fmgt-1/yr	2014	0.42		
ERmgt	-	-	-		
TB0	-	-	-		
SSB0	-	-	-		
MSY	-	-	-		
М	-	-	-		
TBlim	-	-	-		
SSBlim	-	-	-		
Flim	-	-	-		
ERlim	-	-	-		

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



Start Year • End Year * No Data

Giant red shrimp South Adriatic Sea and West Ionian Sea [GRSHRIMPMEDGSA18-19]



Lim BRP

No Data

MSY-based BRP - - -

Giant red shrimp South Adriatic Sea and West Ionian Sea [GRSHRIMPMEDGSA18-19]

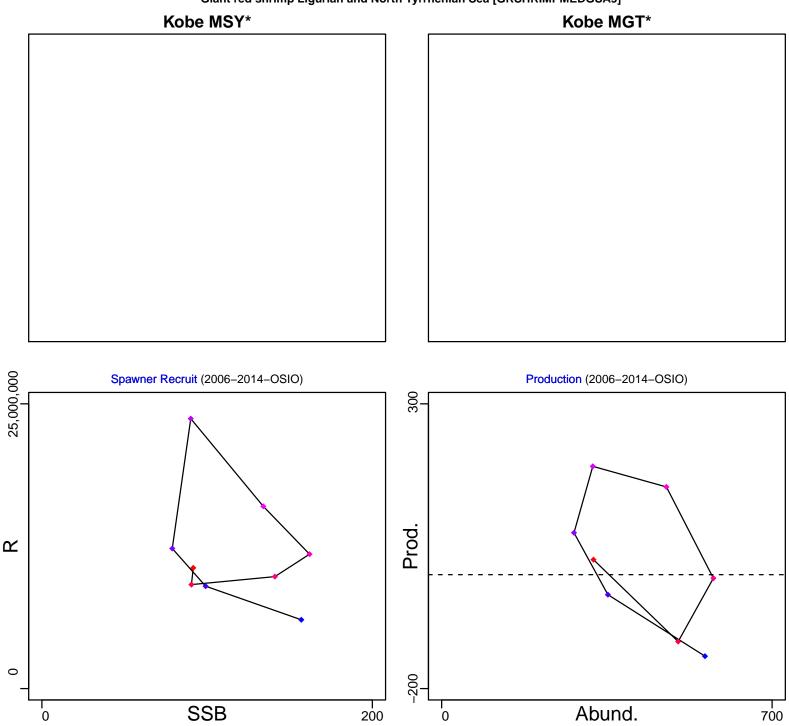
TC*, TL*, RecC*	TAC*, Cpair*, Cadv*
survB*	CPUE*
EFFORT*	
 1st listed time series 3rd 2nd listed time series MS 	listed time series — MORAT Y * No Data

Giant red shrimp Ligurian and North Tyrrhenian Sea [GRSHRIMPMEDGSA9]

Metadata		
Scientific Name	Aristaeomorpha foliacea	
Current Assess ID	STECF-GRSHRIMPMEDGSA9-2006-2014-OSIO	
Area Ligurian and North Tyrrhenian Sea		
Management Authority	General Fisheries Council for the Mediterranean, DG MARE, and national states	
Assessor	Scientific, Technical and Economic Committee for Fisheries	
Asmts in RAM	2014	

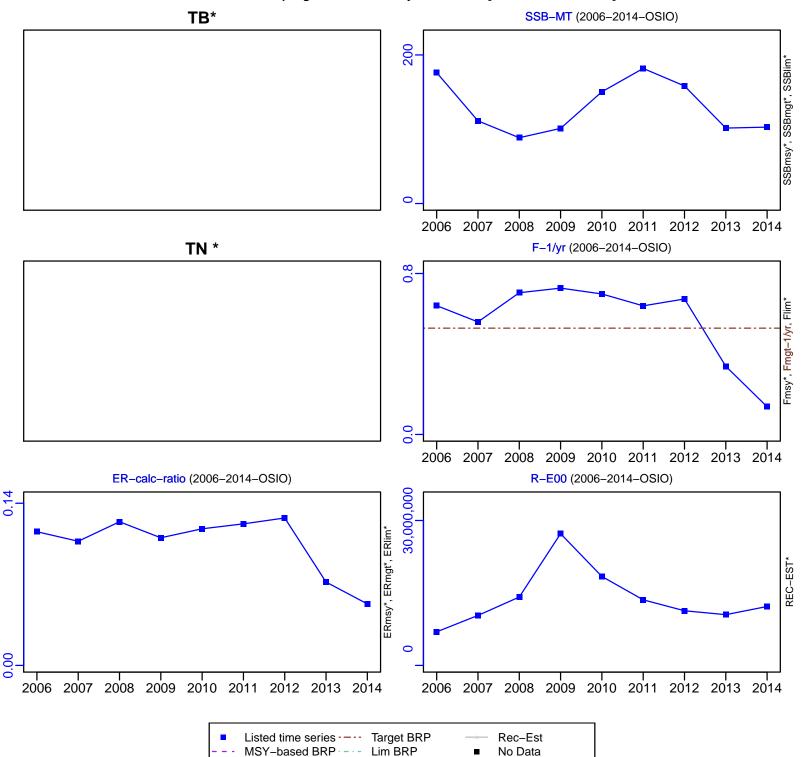
Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	-	-	-	
Fmsy	-	-	-	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	Fmgt-1/yr	2014	0.51	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	-	-	-	
MSY	-	-	-	
M	-	-	-	
TBlim	-	-	-	
SSBlim	SSBlim-MT	2014	80	
Flim	-	-	-	
ERlim	-	-	-	

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	-	-	-	-	-
SSB	SSB-MT	2014	92	-	1+
TN	-	-	-	-	-
R	R-E00	2014	10,600,000	-	-
F	F-1/yr	2014	0	-	-
ER	ER-calc-ratio	2014	0	-	-
TC	TC-MT	2014	16.8		
TL	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	F-1/yr/Fmgt-1/yr	2014	0.26		
ER/ERmgt	-	-	-		

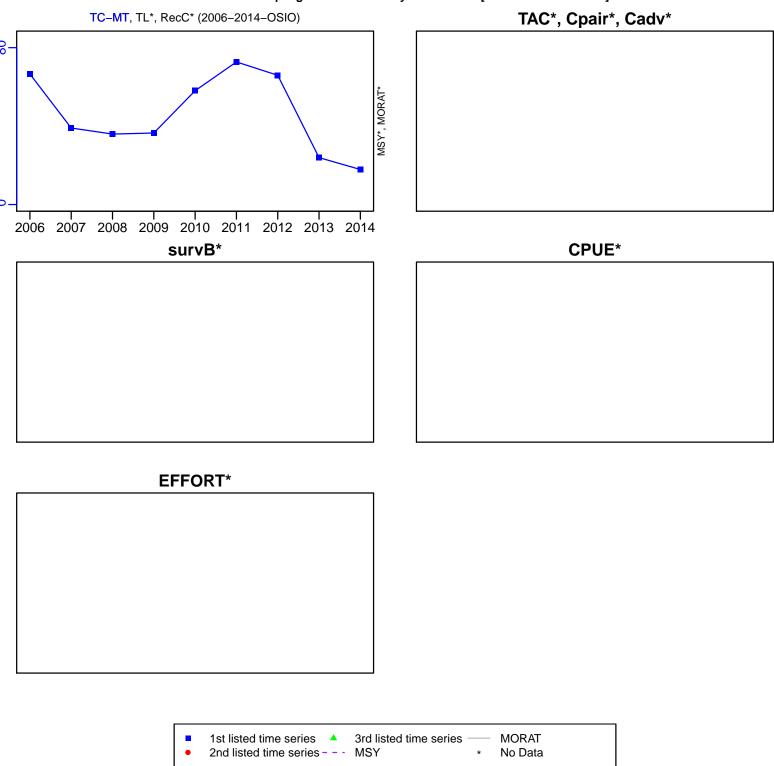


Start Year • End Year * No Data

Giant red shrimp Ligurian and North Tyrrhenian Sea [GRSHRIMPMEDGSA9]



Giant red shrimp Ligurian and North Tyrrhenian Sea [GRSHRIMPMEDGSA9]



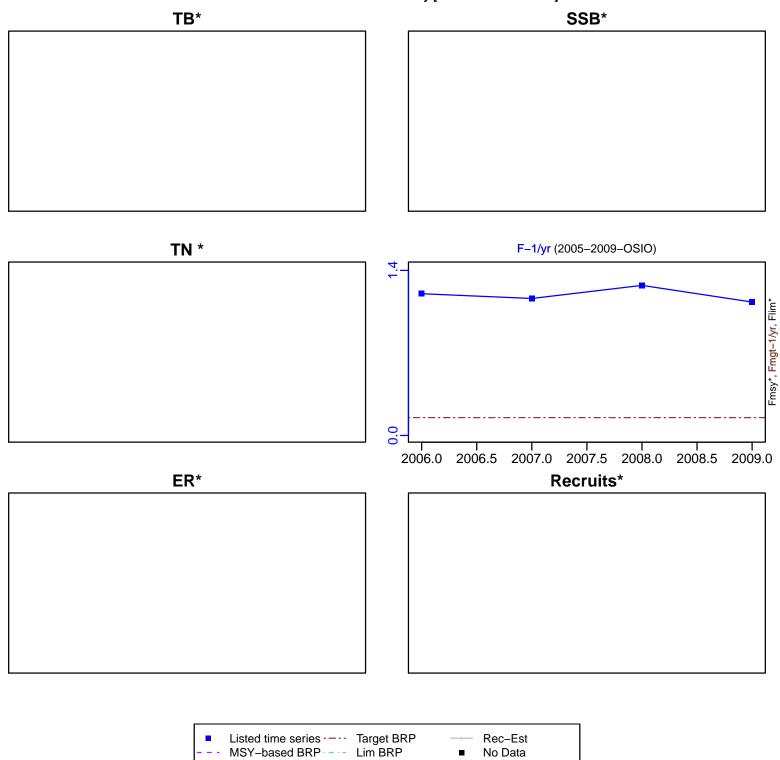
Metadata		
Scientific Name	Merluccius merluccius	
Current Assess ID	STECF-HAKEMEDGSA15-16-2005-2009-OSIO	
Area	Malta Island and South of Sicily (GSA 15, 16)	
Management Authority	General Fisheries Council for the Mediterranean, DG MARE, and national states	
Assessor	Scientific, Technical and Economic Committee for Fisheries	
Asmts in RAM	2009	

Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	-	-	-	
Fmsy	-	-	-	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	Fmgt-1/yr	2014	0.39	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	-	-	-	
MSY	-	-	-	
М	-	-	-	
TBlim	-	-	-	
SSBlim	SSBlim-MT	2014	5186	
Flim	-	-	-	
ERlim	-	-	-	

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

Kobe MSY*	Kobe MGT*
	l
Spawner Recruit*	Production*

◆ Start Year ◆ End Year * No Data



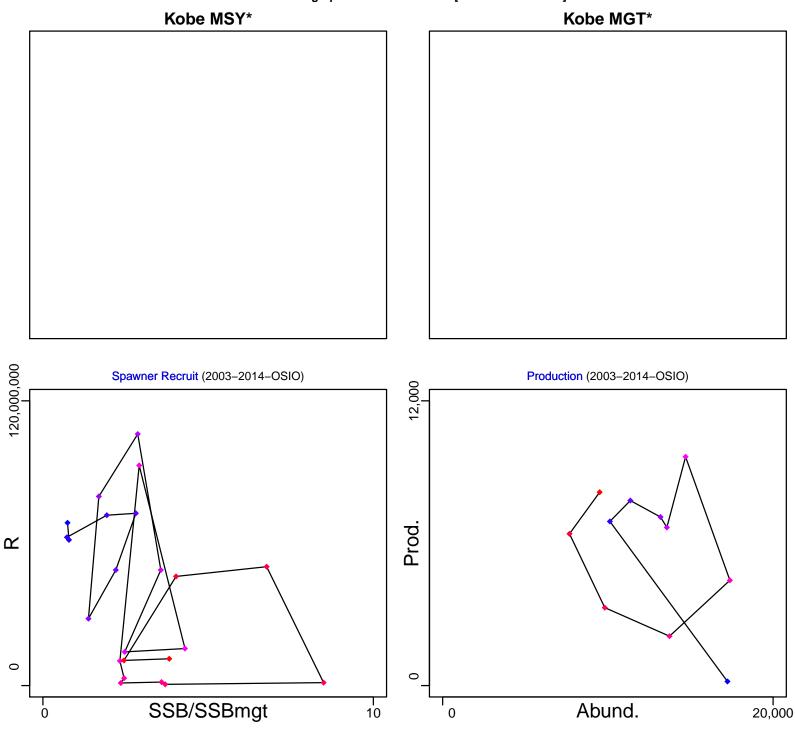
TC*, TL*, RecC*	TAC*, Cpair*, Cadv*
survB*	CPUE*
EFFORT*	
LITORI	
 1st listed time series A 3rd 2nd listed time series MS* 	listed time series — MORAT Y * No Data

Hake Geographical Sub-Areas 1-7 [HAKEMEDGSA1-7]

Metadata		
Scientific Name	Merluccius merluccius	
Current Assess ID	STECF-HAKEMEDGSA1-7-2003-2014-OSIO	
Area	Geographical Sub-Areas 1-7	
Management Authority	General Fisheries Council for the Mediterranean, DG MARE, and national states	
Assessor	Scientific, Technical and Economic Committee for Fisheries	
Asmts in RAM	2014	

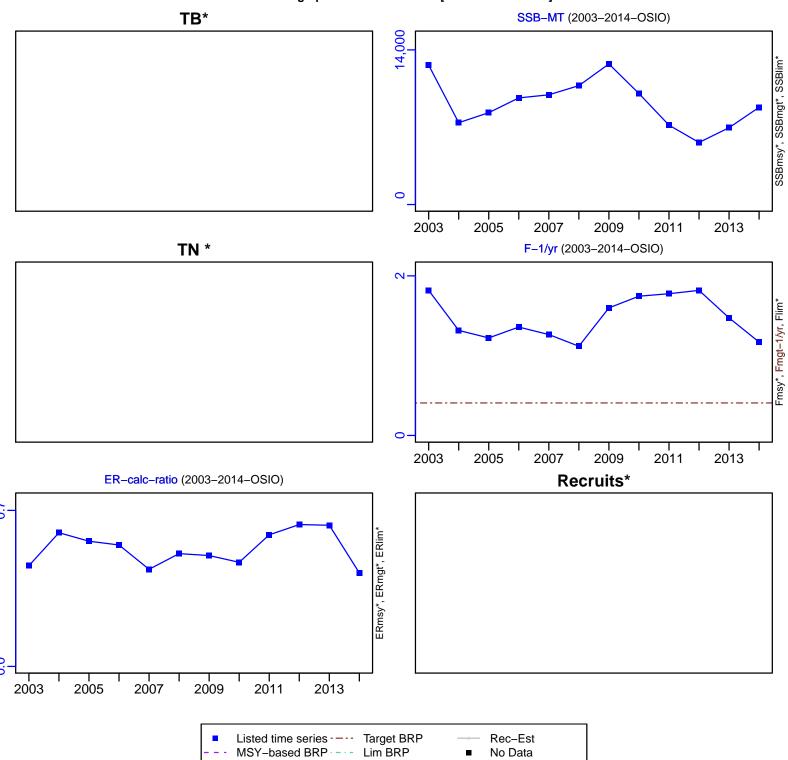
Reference Points					
Туре	ID	Asmt Year	Value		
TBmsy	-	-	-		
SSBmsy	-	-	-		
Fmsy	-	-	-		
ERmsy	-	-	-		
TBmgt	-	-	-		
SSBmgt	-	-	-		
Fmgt	Fmgt-1/yr	2009	0.15		
ERmgt	-	-	-		
TB0	-	-	-		
SSB0	-	-	-		
MSY	-	-	-		
M	-	-	-		
TBlim	-	-	-		
SSBlim	-	-	-		
Flim	-	-	-		
ERlim	-	-	-		

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



Start Year → End Year → No Data

Hake Geographical Sub-Areas 1-7 [HAKEMEDGSA1-7]



Hake Geographical Sub-Areas 1-7 [HAKEMEDGSA1-7]

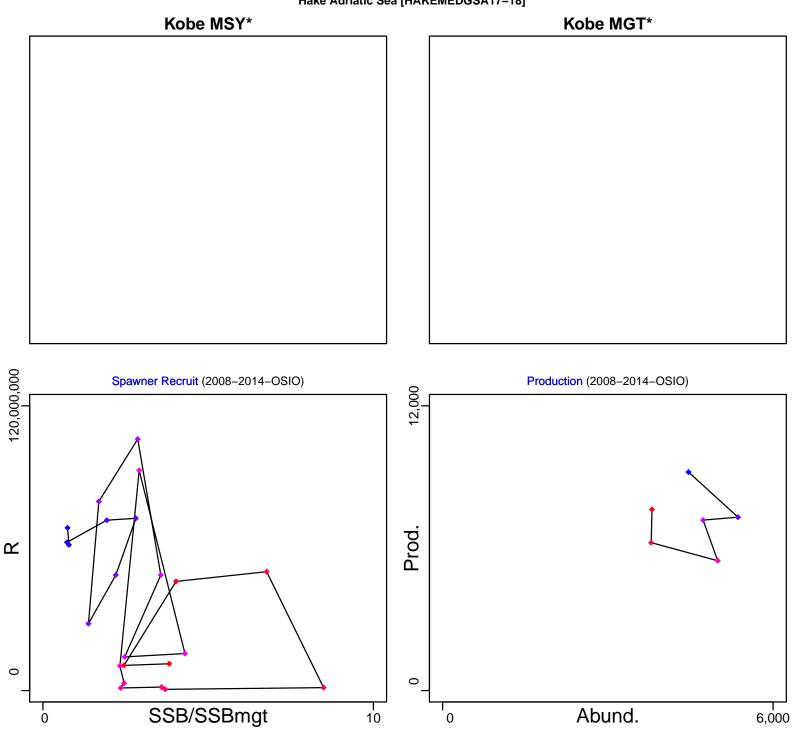
TC*, TL*, RecC*	TAC*, Cpair*, Cadv*
survB*	CPUE*
EFFORT*	
■ 1st listed time series ▲ 3rd	listed time series — MORAT
2nd listed time series MS	Y * No Data

Hake Adriatic Sea [HAKEMEDGSA17-18]

	Metadata
Scientific Name	Merluccius merluccius
Current Assess ID	STECF-HAKEMEDGSA17-18-2008-2014-OSIO
Area	Adriatic Sea (GSA 17,18)
Management Authority	General Fisheries Council for the Mediterranean, DG MARE, and national states
Assessor	Scientific, Technical and Economic Committee for Fisheries
Asmts in RAM	2014

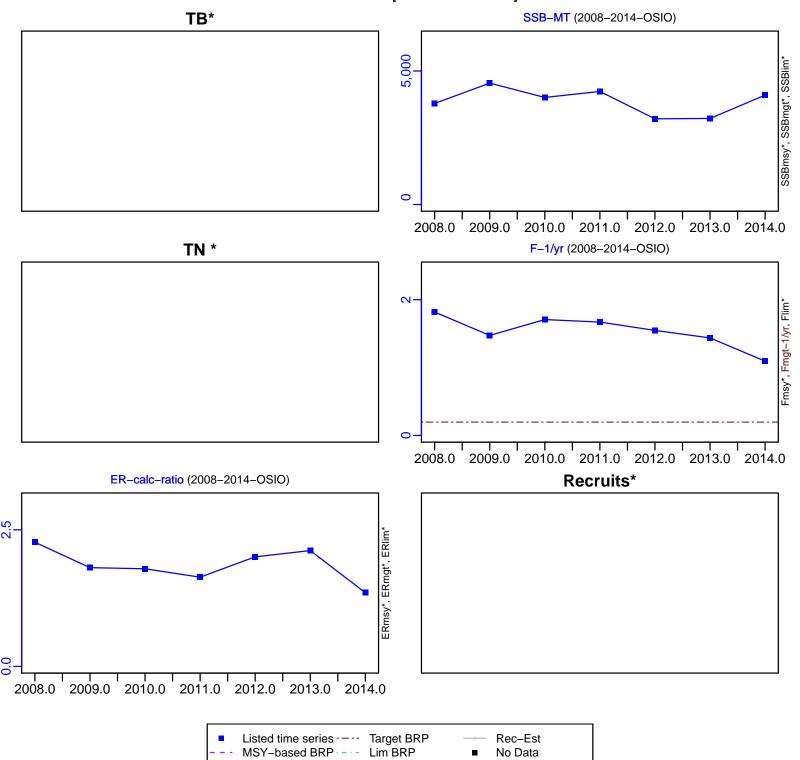
Reference Points			
Туре	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	-	-	-
Fmsy	-	-	-
ERmsy	-	-	-
TBmgt	-	-	-
SSBmgt	-	-	-
Fmgt	Fmgt-1/yr	2014	0.16
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	-	-	-
М	-	-	-
TBlim	-	-	-
SSBlim	-	-	-
Flim	-	-	-
ERlim	-	-	-

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



Start Year → End Year → No Data

Hake Adriatic Sea [HAKEMEDGSA17-18]



Hake Adriatic Sea [HAKEMEDGSA17-18]

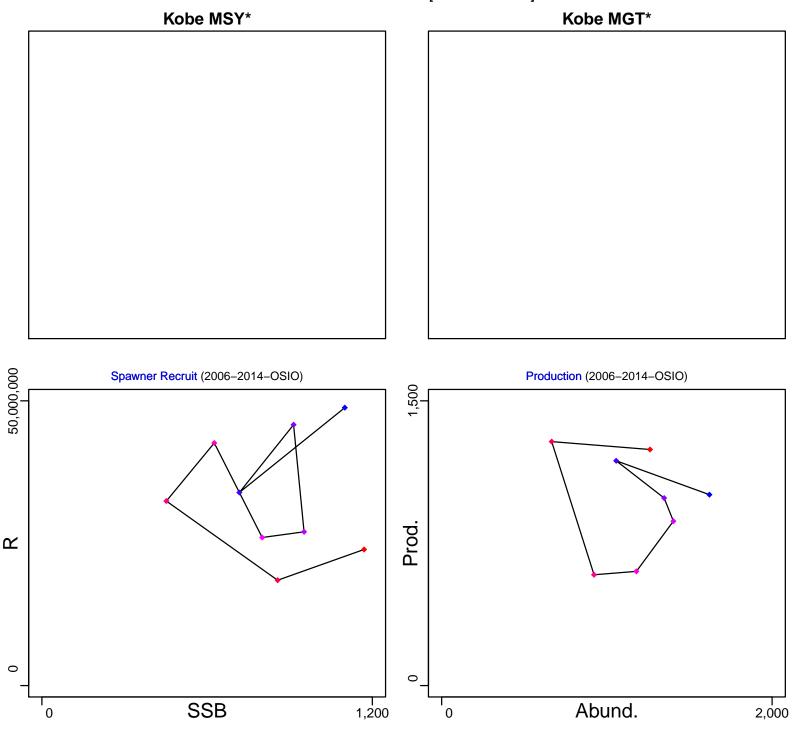
TC*, TL*, RecC*	TAC*, Cpair*, Cadv*
survB*	CPUE*
Gu. V.2	3. 32
EFFORT*	1
■ 1st listed time series ▲ 3rd	listed time series — MORAT
2nd listed time series MS	Y * No Data

Hake Western Ionian Sea [HAKEMEDGSA19]

Metadata		
Scientific Name	Merluccius merluccius	
Current Assess ID	STECF-HAKEMEDGSA19-2006-2014-OSIO	
Area	Western Ionian Sea	
Management Authority	General Fisheries Council for the Mediterranean, DG MARE, and national states	
Assessor	Scientific, Technical and Economic Committee for Fisheries	
Asmts in RAM	2014	

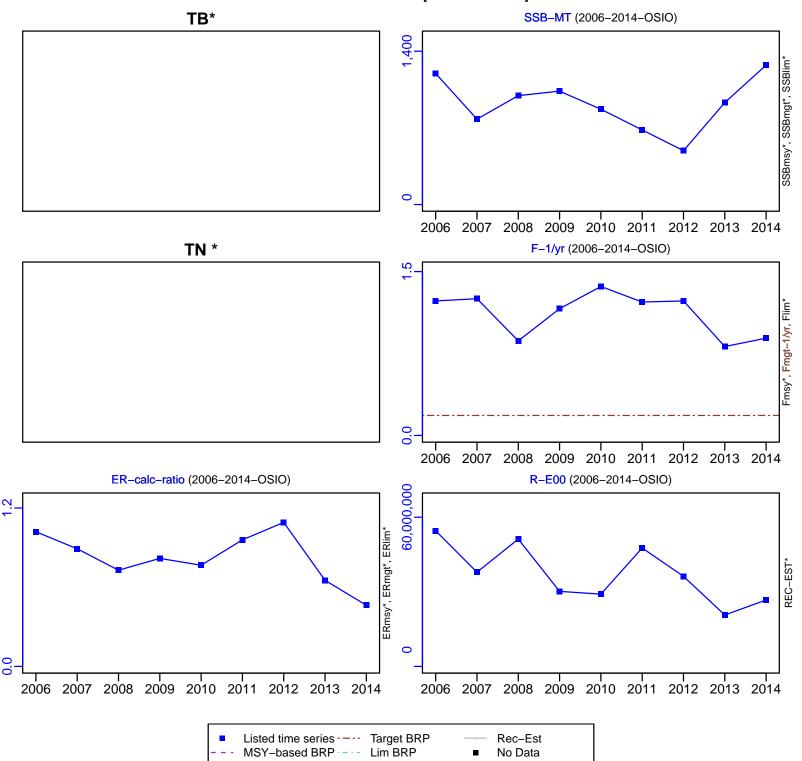
	Reference	e Points	
Туре	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	-	-	-
Fmsy	-	-	-
ERmsy	-	-	-
TBmgt	-	-	-
SSBmgt	-	-	-
Fmgt	Fmgt-1/yr	2014	0.18
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	-	-	-
M	-	-	-
TBlim	-	-	-
SSBlim	-	-	-
Flim	-	-	-
ERlim	-	-	-

	Tin	ne Series			
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	-	-	-	-	-
SSB	SSB-MT	2014	1170	-	2+
TN	-	-	-	-	-
R	R-E00	2014	23,900,000	-	-
F	F-1/yr	2014	1	-	-
ER	ER-calc-ratio	2014	0	-	-
TC	TC-MT	2014	759		
TL	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	F-1/yr/Fmgt-1/yr	2014	4.86		
ER/ERmgt	-	-	-		

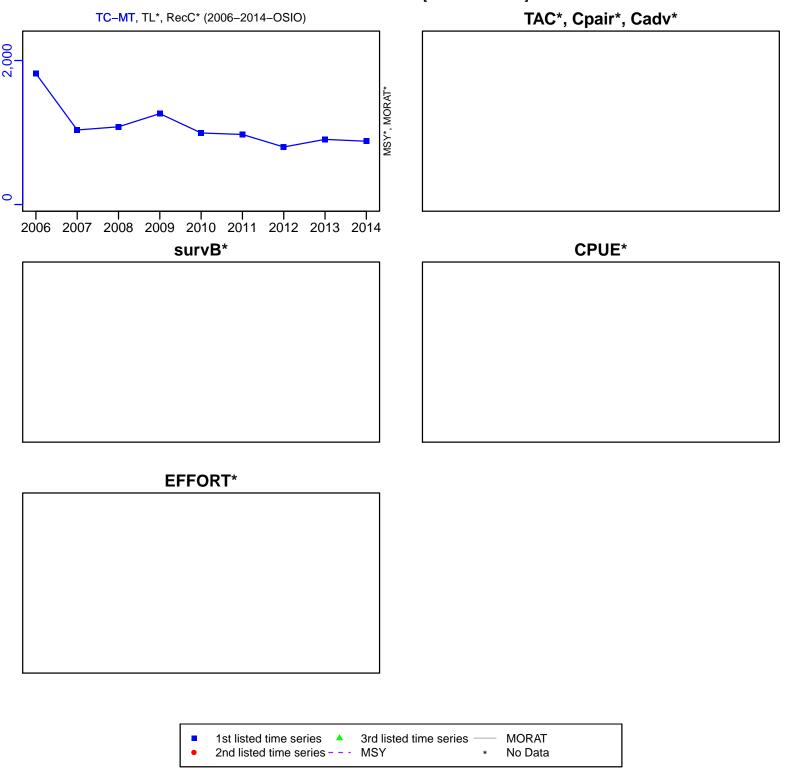


Start Year → End Year → No Data

Hake Western Ionian Sea [HAKEMEDGSA19]



Hake Western Ionian Sea [HAKEMEDGSA19]



Metadata		
Scientific Name	Merluccius merluccius	
Current Assess ID	STECF-HAKEMEDGSA20-2003-2008-OSIO	
Area	Eastern Ionian Sea	
Management Authority	General Fisheries Council for the Mediterranean, DG MARE, and national states	
Assessor	Scientific, Technical and Economic Committee for Fisheries	
Asmts in RAM	2008	

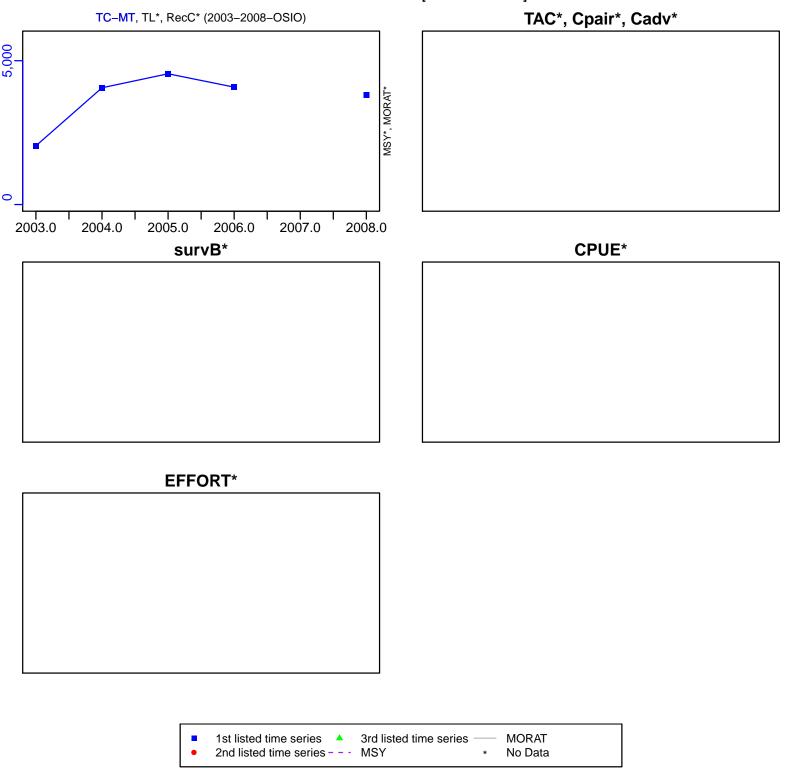
Reference Points			
Туре	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	-	-	-
Fmsy	-	-	-
ERmsy	-	-	-
TBmgt	-	-	-
SSBmgt	-	-	-
Fmgt	Fmgt-1/yr	2008	0.27
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	-	-	-
M	-	-	-
TBlim	-	-	-
SSBlim	-	-	-
Flim	-	-	-
ERlim	-	-	-

		Time Series	i .		
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	-	-	-	-	-
SSB	-	-	-	-	-
TN	-	-	-	-	-
R	-	-	-	-	-
F	-	-	-	-	-
ER	-	-	-	-	-
TC	TC-MT	2008	3290		
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
Listed time series Ta	im BRP ■ No Data

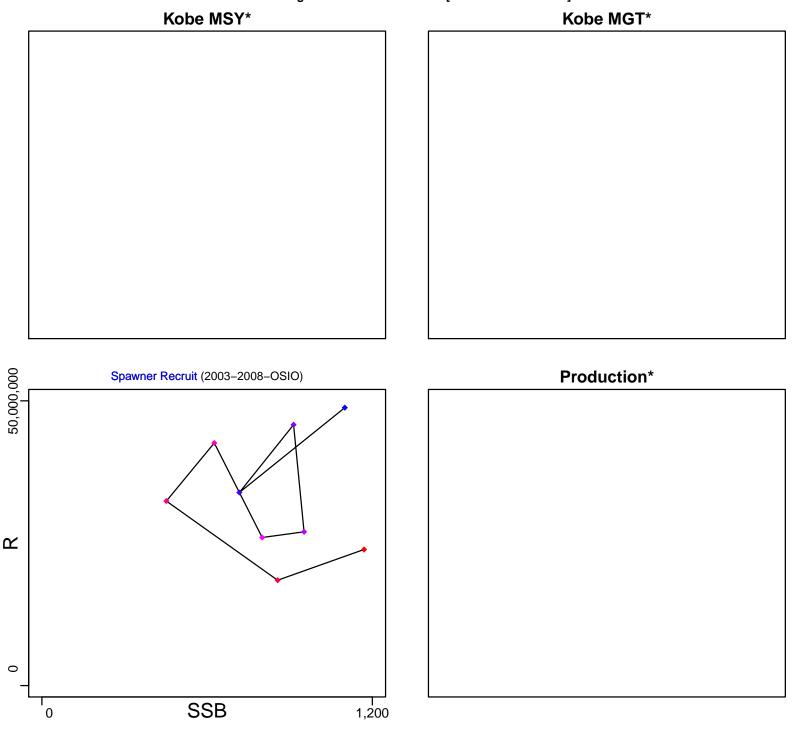


Hake Aegean Sea and Crete Island [HAKEMEDGSA22-23]

Metadata			
Scientific Name	Merluccius merluccius		
Current Assess ID	STECF-HAKEMEDGSA22-23-2003-2008-OSIO		
Area Aegean Sea and Crete Island (GSA 22,23)			
Management Authority	General Fisheries Council for the Mediterranean, DG MARE, and national states		
Assessor	Scientific, Technical and Economic Committee for Fisheries		
Asmts in RAM	2008		

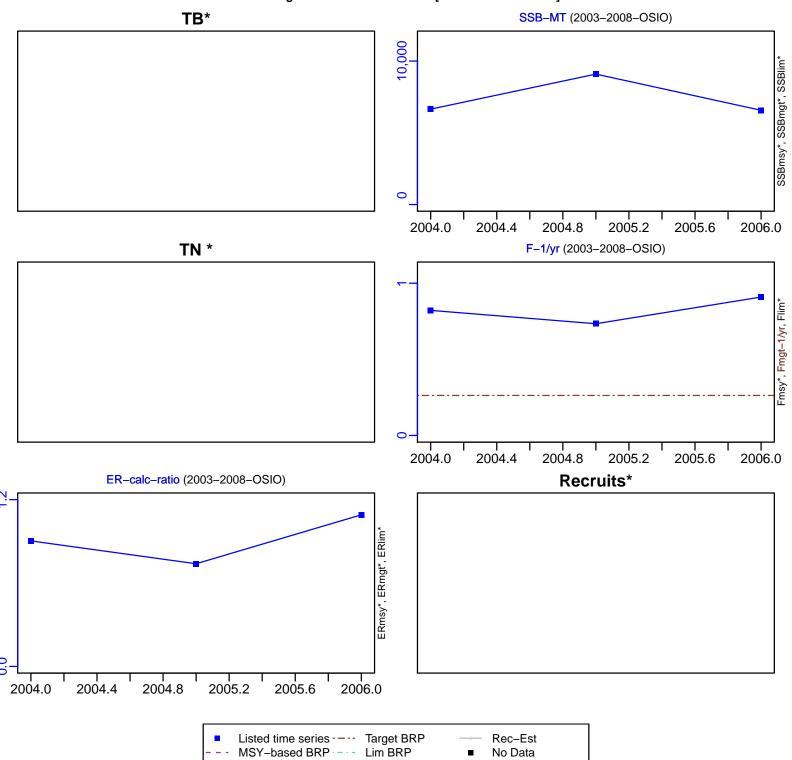
Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	-	-	-	
Fmsy	-	-	-	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	Fmgt-1/yr	2008	0.24	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	-	-	-	
MSY	-	-	-	
M	-	-	-	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

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



Start Year • End Year * No Data

Hake Aegean Sea and Crete Island [HAKEMEDGSA22-23]



Hake Aegean Sea and Crete Island [HAKEMEDGSA22-23]

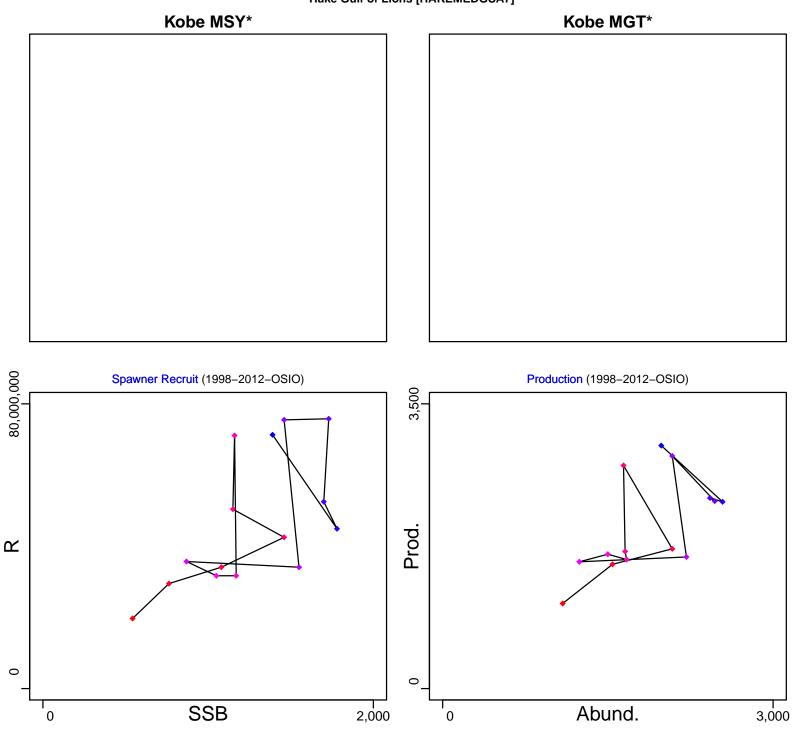
TC*, TL*, RecC*	TAC*, Cpair*, Cadv*
survB*	CPUE*
EFFORT*	
■ 1st listed time series ▲ 3rd	listed time series — MORAT
2nd listed time series MS	Y * No Data

Hake Gulf of Lions [HAKEMEDGSA7]

Metadata			
Scientific Name	Merluccius merluccius		
Current Assess ID	STECF-HAKEMEDGSA7-1998-2012-OSIO		
Area Gulf of Lions			
Management Authority	General Fisheries Council for the Mediterranean, DG MARE, and national states		
Assessor	Scientific, Technical and Economic Committee for Fisheries		
Asmts in RAM	2012		

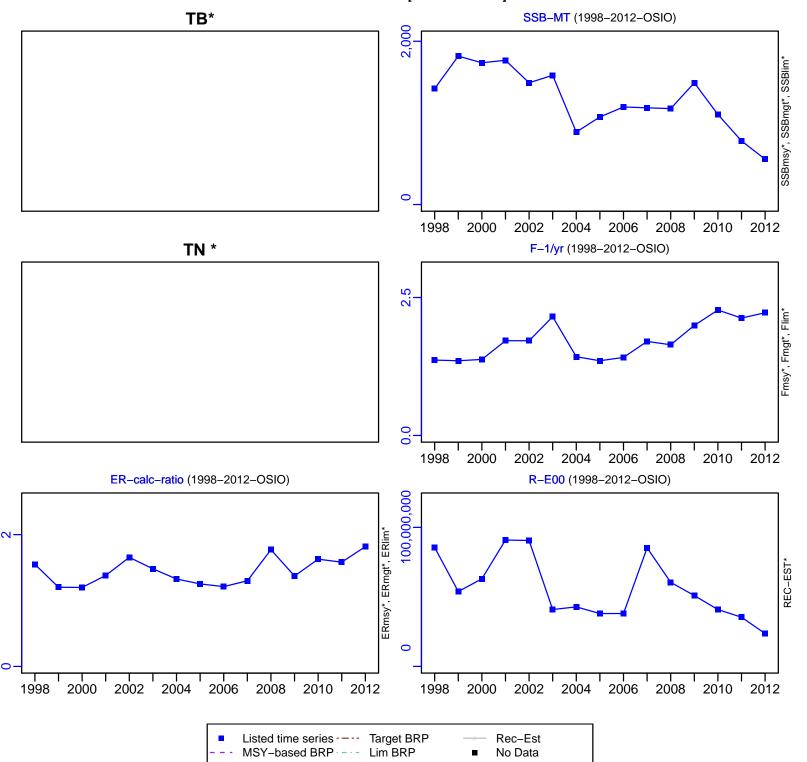
Reference Points				
Туре	Value			
TBmsy	-	-	-	
SSBmsy	-	-	-	
Fmsy	-	-	-	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	-	-	-	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	-	-	-	
MSY	-	-	-	
М	-	-	-	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	-	-	-	-	-
SSB	SSB-MT	2012	543	-	-
TN	-	-	-	-	-
R	R-E00	2012	19,700,000	-	-
F	F-1/yr	2012	2	-	-
ER	ER-calc-ratio	2012	1	-	-
TC	-	-	-		
TL	TL-MT	2012	1110		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

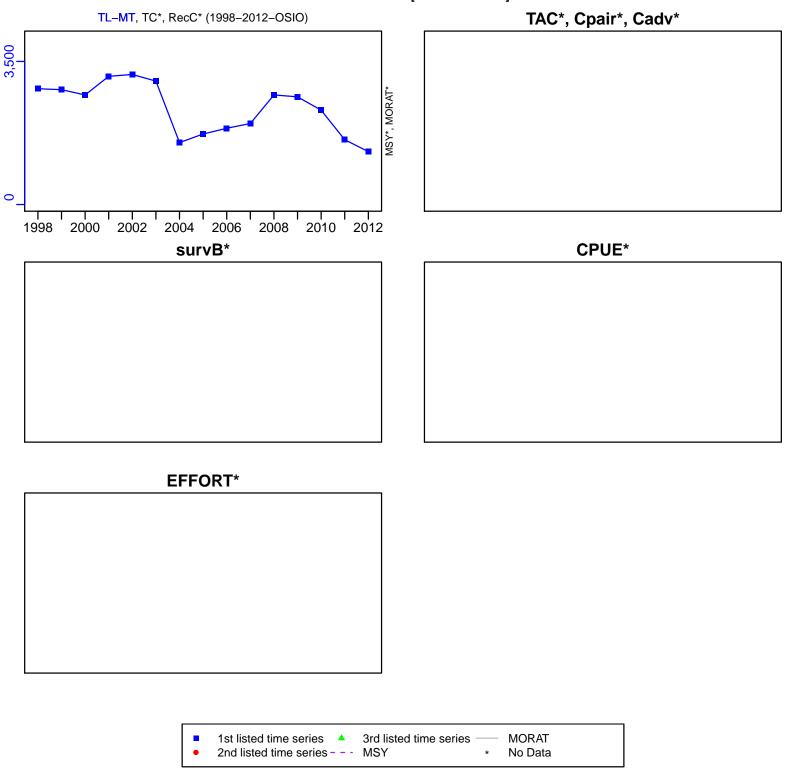


Start Year → End Year → No Data

Hake Gulf of Lions [HAKEMEDGSA7]



Hake Gulf of Lions [HAKEMEDGSA7]

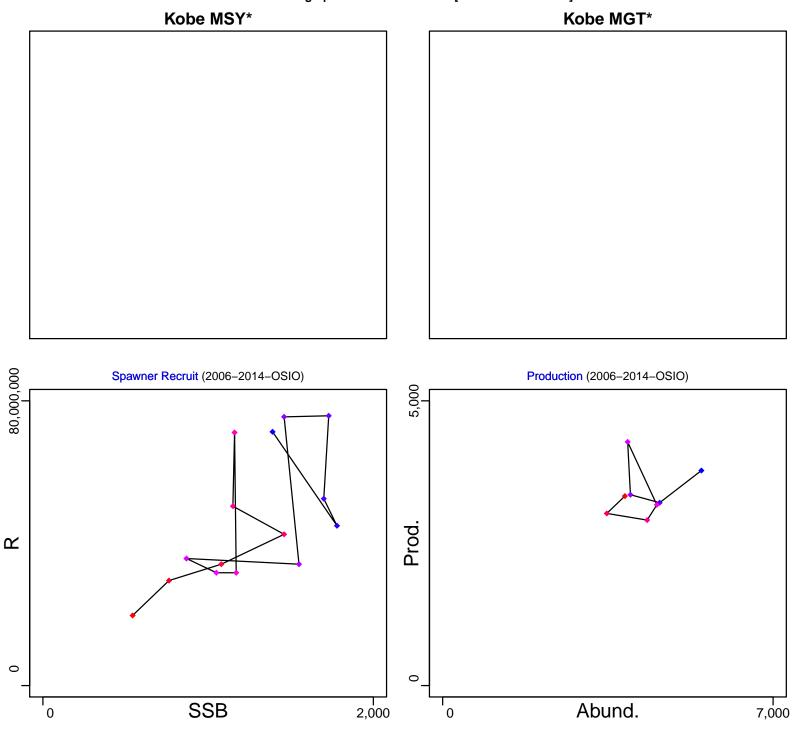


Hake Geographical Sub-Areas 9-11 [HAKEMEDGSA9-11]

Metadata			
Scientific Name	Merluccius merluccius		
Current Assess ID	STECF-HAKEMEDGSA9-11-2006-2014-OSIO		
Area Geographical Sub-Areas 9-11			
Management Authority	General Fisheries Council for the Mediterranean, DG MARE, and national states		
Assessor	Scientific, Technical and Economic Committee for Fisheries		
Asmts in RAM	2014		

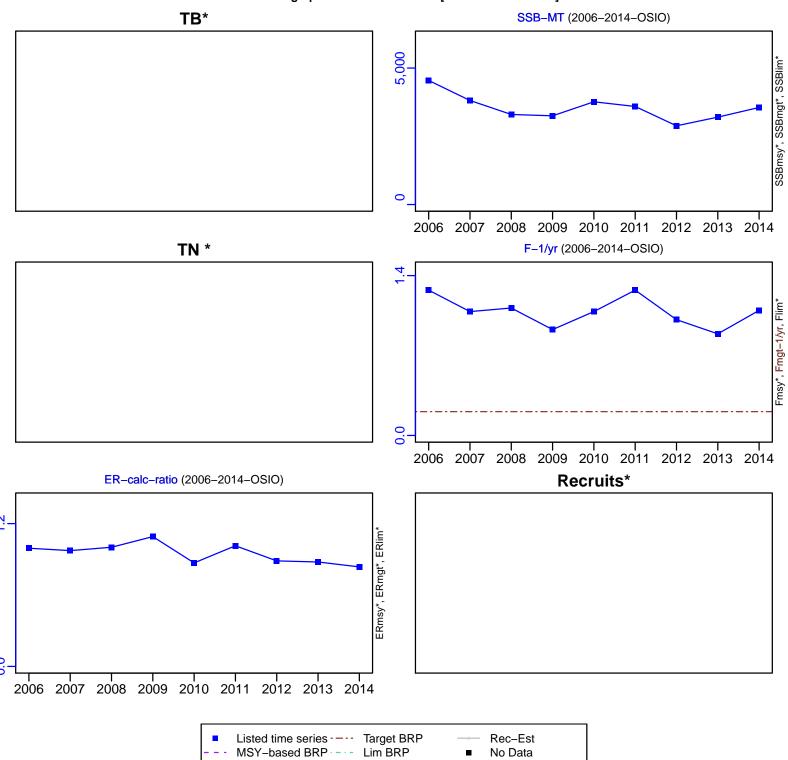
Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	-	-	-	
Fmsy	-	-	-	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	Fmgt-1/yr	2014	0.2	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	-	-	-	
MSY	-	-	-	
M	-	-	-	
TBlim	-	-	-	
SSBlim	SSBlim-MT	2014	2355	
Flim	-	-	-	
ERlim	-	-	-	

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



Start Year → End Year → No Data

Hake Geographical Sub-Areas 9-11 [HAKEMEDGSA9-11]



Hake Geographical Sub-Areas 9-11 [HAKEMEDGSA9-11]

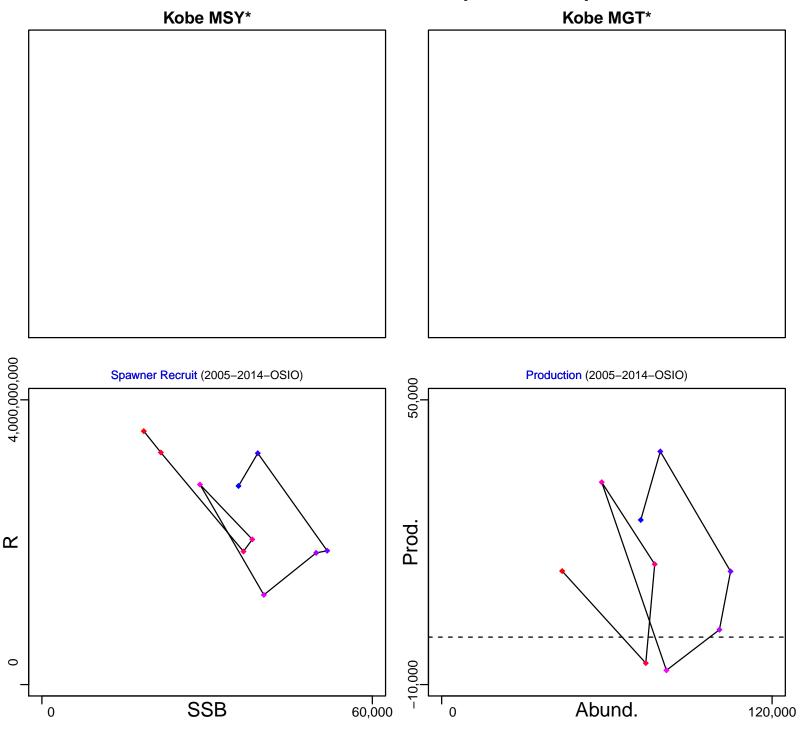
TC*, TL*, RecC*	TAC*, Cpair*, Cadv*
survB*	CPUE*
Gu. V.2	3. 32
EFFORT*	1
■ 1st listed time series ▲ 3rd	listed time series — MORAT
2nd listed time series MS	Y * No Data

Mediterranean horse mackerel Black Sea [MHMACKMEDGSA29]

Metadata			
Scientific Name	Trachurus mediterraneus		
Current Assess ID	STECF-MHMACKMEDGSA29-2005-2014-OSIO		
Area Black Sea			
Management Authority	General Fisheries Council for the Mediterranean, DG MARE, and national states		
Assessor Scientific, Technical and Economic Committee for Fisheries			
Asmts in RAM	2014		

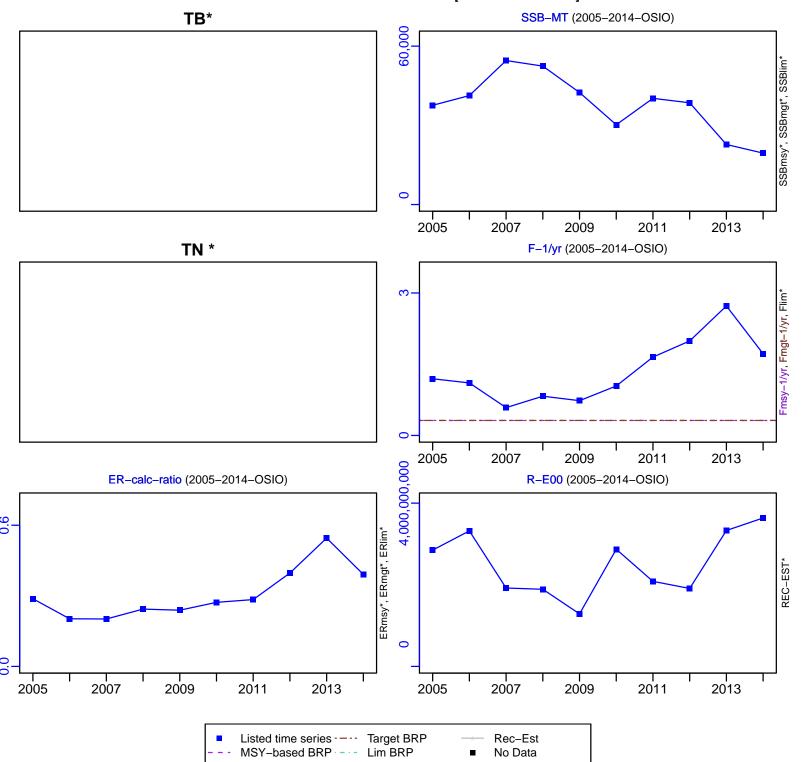
Reference Points				
Туре	Value			
TBmsy	-	-	-	
SSBmsy	-	-	-	
Fmsy	Fmsy-1/yr	2014	0.27	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	Fmgt-1/yr	2014	0.27	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	-	-	-	
MSY	-	-	-	
M	-	-	-	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	-	-	-	-	-
SSB	SSB-MT	2014	18,500	-	1+
TN	-	-	-	-	-
R	R-E00	2014	3.56×10^{9}	-	-
F	F-1/yr	2014	1	-	-
ER	ER-calc-ratio	2014	0	-	-
TC	TC-MT	2014	12,400		
TL	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	F-1/yr/Fmsy-1/yr	2014	5.44		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	F-1/yr/Fmgt-1/yr	2014	5.44		
ER/ERmgt	-	-	-		

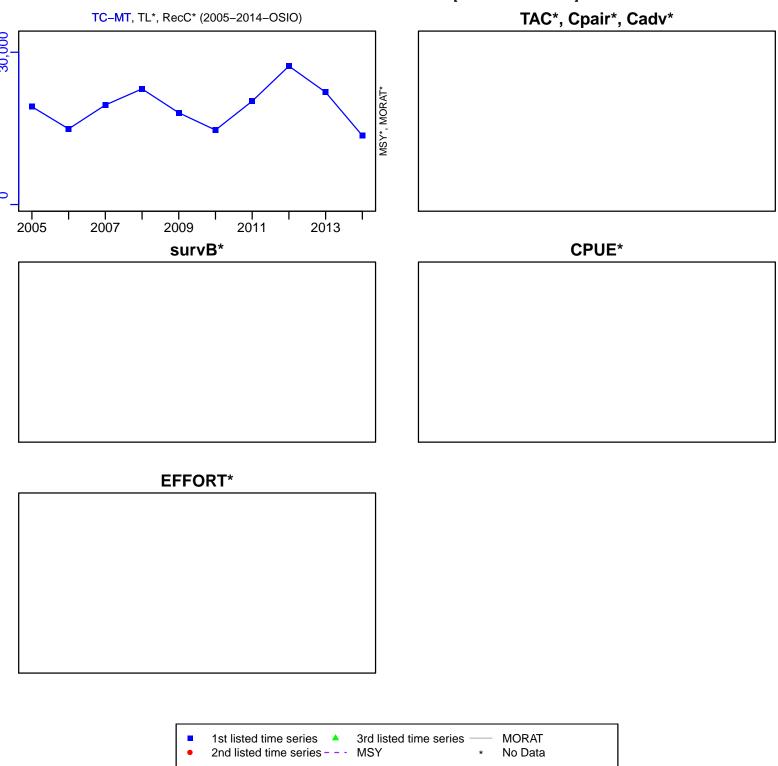


Start Year • End Year * No Data

Mediterranean horse mackerel Black Sea [MHMACKMEDGSA29]



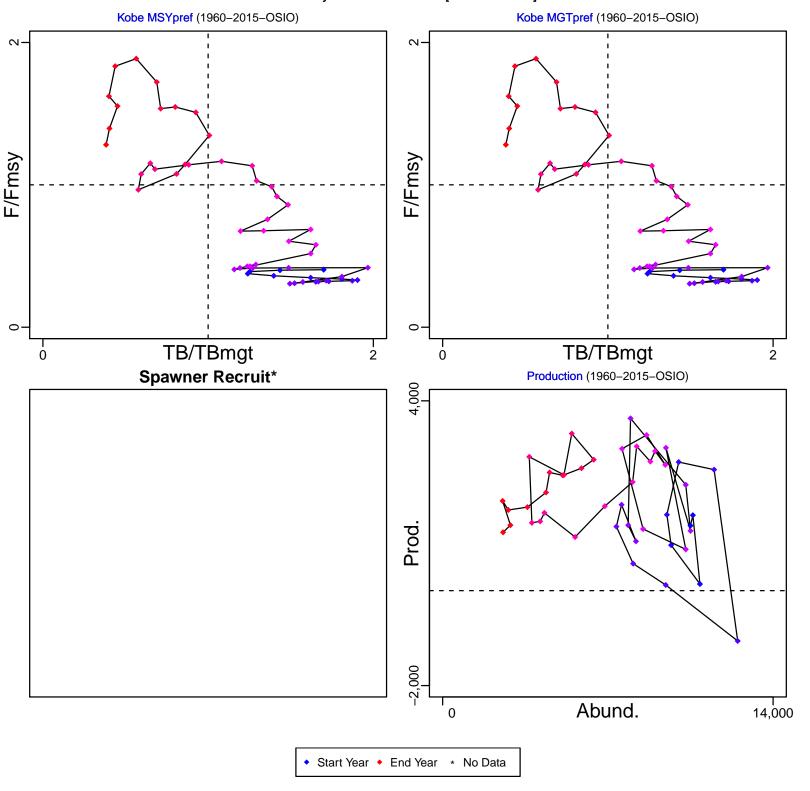
Mediterranean horse mackerel Black Sea [MHMACKMEDGSA29]

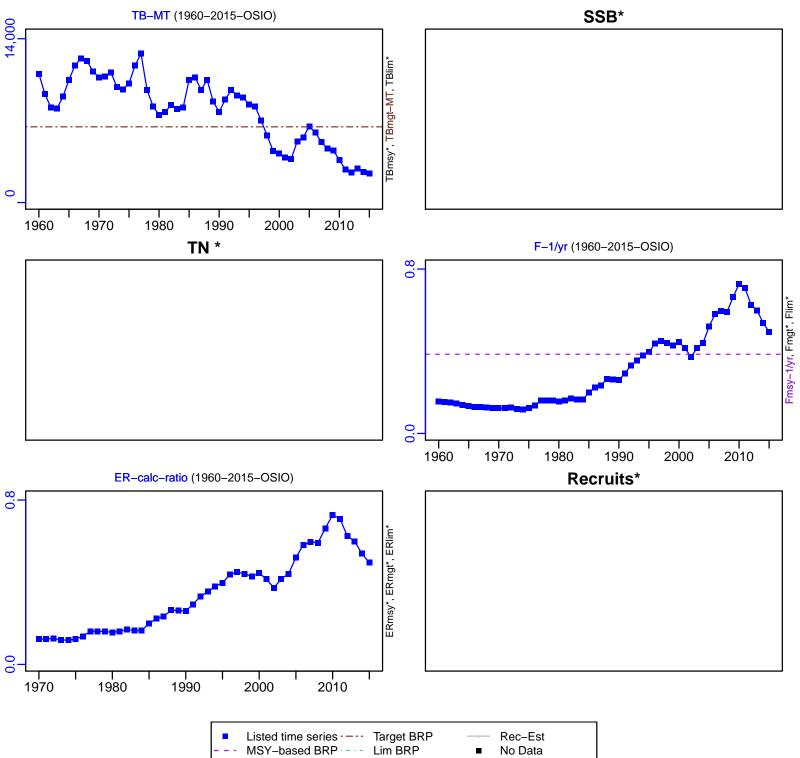


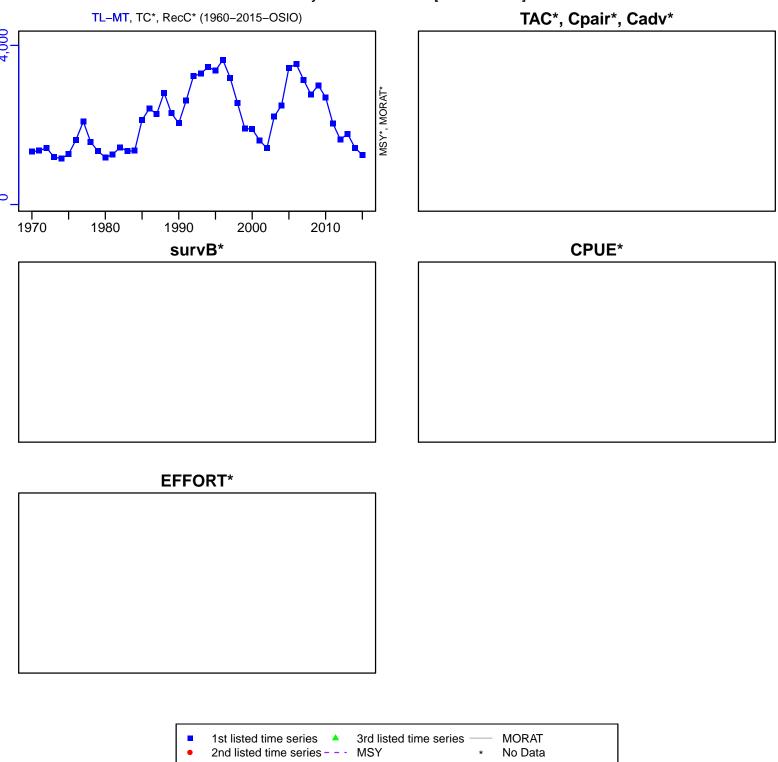
Metadata			
Scientific Name	Nephrops norvegicus		
Current Assess ID STECF-NEPHMEDGSA-1960-2015-OSIO			
Area Adriatic Sea (GSA 17,18)			
Management Authority General Fisheries Council for the Mediterranean, DG MARE, and national sta			
Assessor Scientific, Technical and Economic Committee for Fisheries			
Asmts in RAM 2015			

Reference Points						
Type ID Asmt Year Val						
TBmsy	-	-	-			
SSBmsy	-	-	-			
Fmsy	Fmsy-1/yr	2015	0.38			
ERmsy	-	-	-			
TBmgt	TBmgt-MT	2015	6355			
SSBmgt	-	-	-			
Fmgt	-	-	-			
ERmgt	-	-	-			
TB0	-	-	-			
SSB0	-	-	-			
MSY	-	-	-			
M	-	-	-			
TBlim	-	-	-			
SSBlim	-	-	-			
Flim	-	-	-			
ERlim	-	-	-			

	Time Series				
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2015	2430	-	-
SSB	-	-	-	-	-
TN	-	-	-	-	-
R	-	-	-	-	-
F	F-1/yr	2015	0	-	-
ER	ER-calc-ratio	2015	0	-	-
TC	-	-	-		
TL	TL-MT	2015	1190		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	F-1/yr/Fmsy-1/yr	2015	1.28		
ER/ERmsy	-	-	-		
TB/TBmgt	TB-MT/TBmgt-MT	2015	0.38		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		





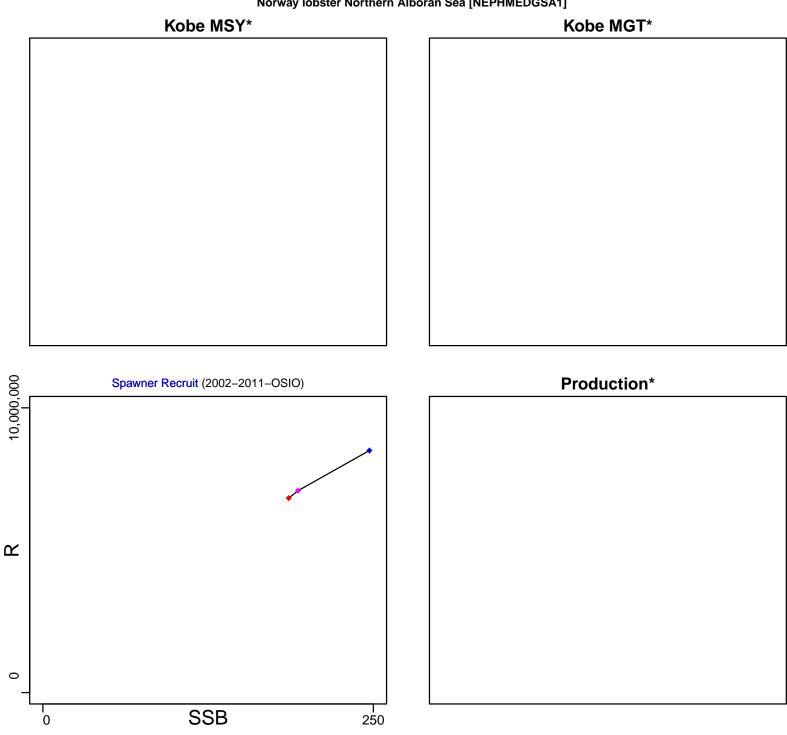


Norway lobster Northern Alboran Sea [NEPHMEDGSA1]

Metadata			
Scientific Name	Nephrops norvegicus		
Current Assess ID STECF-NEPHMEDGSA1-2002-2011-OSIO			
Area Northern Alboran Sea			
Management Authority General Fisheries Council for the Mediterranean, DG MARE, and national state			
Assessor Scientific, Technical and Economic Committee for Fisheries			
Asmts in RAM	2011		

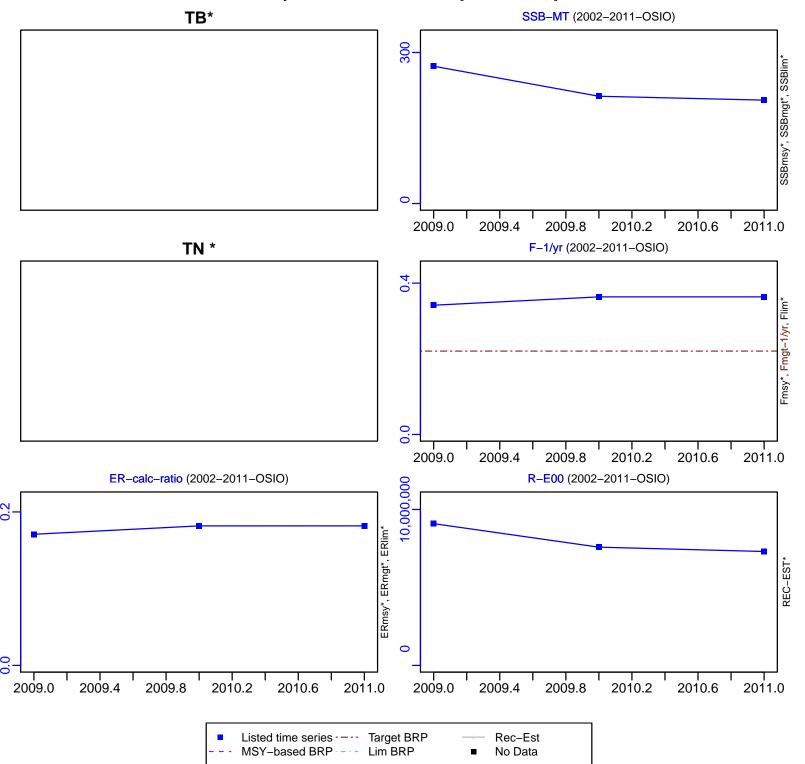
Reference Points					
Туре					
TBmsy	-	-	-		
SSBmsy	-	-	-		
Fmsy	-	-	-		
ERmsy	-	-	-		
TBmgt	-	-	-		
SSBmgt	-	-	-		
Fmgt	Fmgt-1/yr	2011	0.2		
ERmgt	-	-	-		
TB0	-	-	-		
SSB0	-	-	-		
MSY	-	-	-		
М	-	-	-		
TBlim	-	-	-		
SSBlim	-	-	-		
Flim	-	-	-		
ERlim	-	-	-		

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	-	-	-	-	-
SSB	SSB-MT	2011	186	-	4+
TN	-	-	-	-	-
R	R-E00	2011	6,830,000	-	-
F	F-1/yr	2011	0	-	-
ER	ER-calc-ratio	2011	0	-	-
TC	TC-MT	2011	74.6		
TL	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	F-1/yr/Fmgt-1/yr	2011	1.65		
ER/ERmgt	-	-	-		

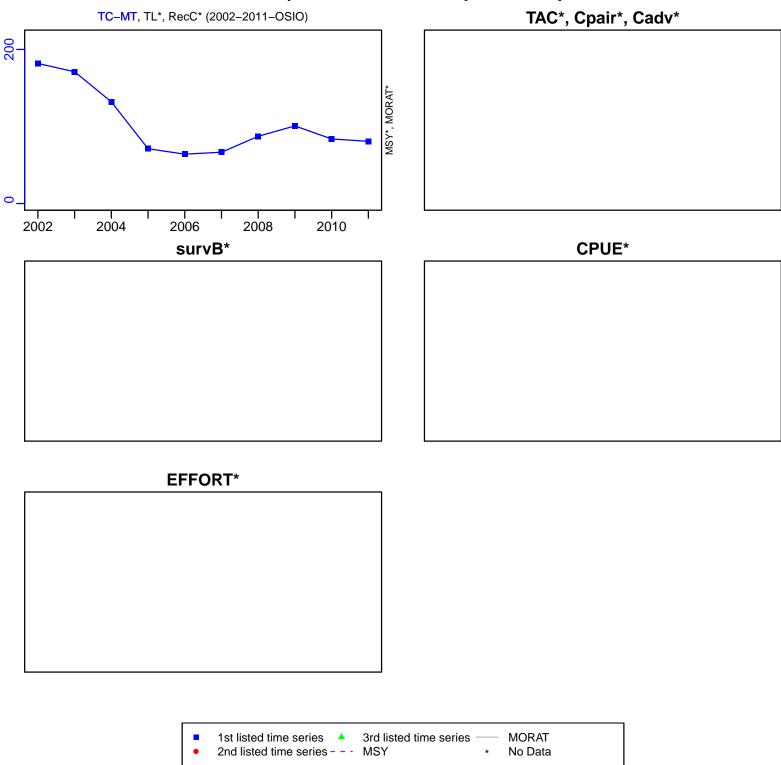


Start Year • End Year * No Data

Norway lobster Northern Alboran Sea [NEPHMEDGSA1]



Norway lobster Northern Alboran Sea [NEPHMEDGSA1]

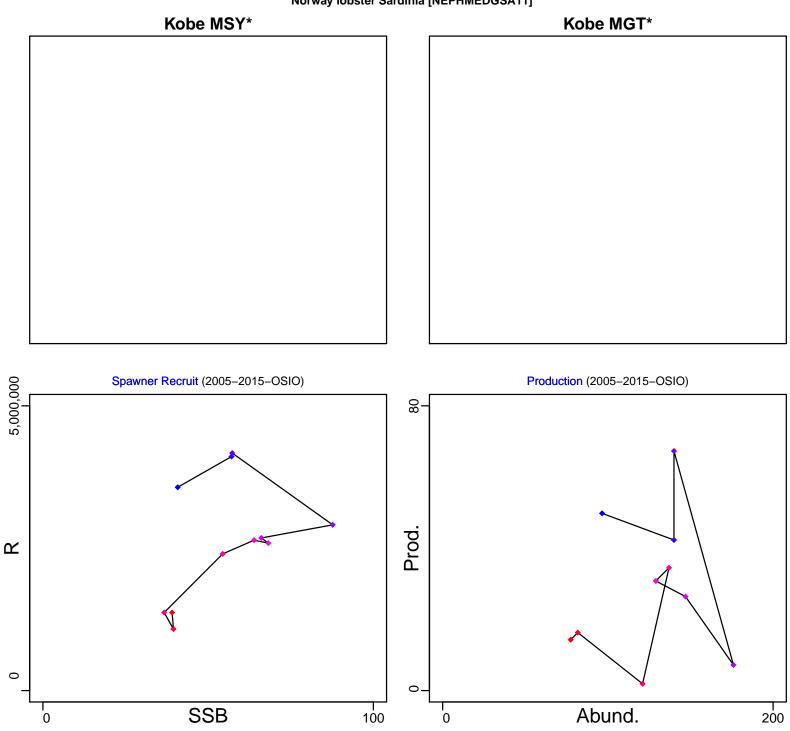


Norway lobster Sardinia [NEPHMEDGSA11]

Metadata			
Scientific Name	Nephrops norvegicus		
Current Assess ID STECF-NEPHMEDGSA11-2005-2015-OSIO			
Area Sardinia			
Management Authority General Fisheries Council for the Mediterranean, DG MARE, and national state			
Assessor Scientific, Technical and Economic Committee for Fisheries			
Asmts in RAM	2015		

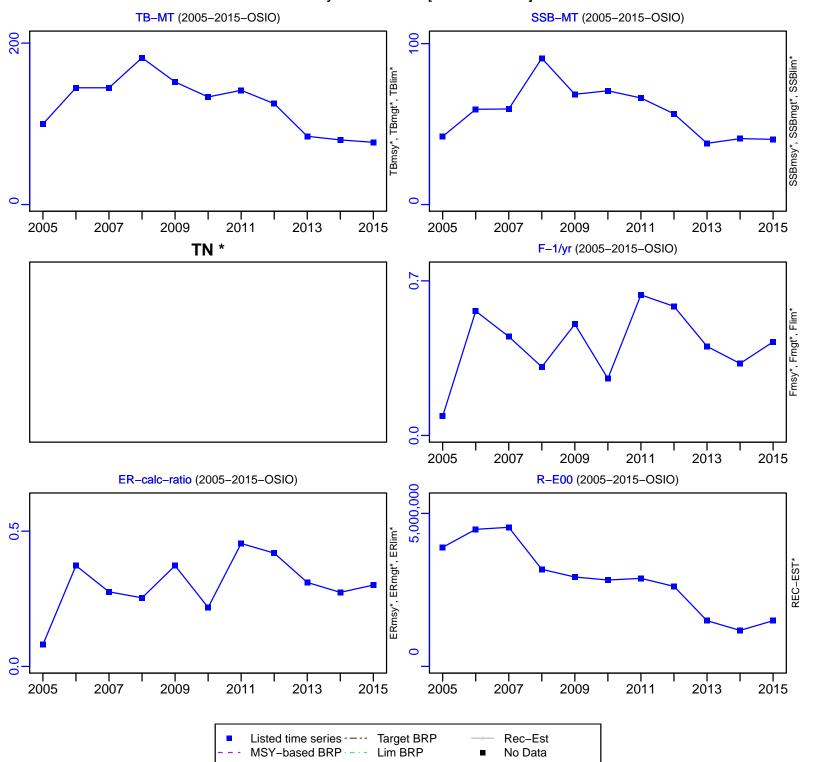
Reference Points					
Туре	ID	Asmt Year	Value		
TBmsy	-	-	-		
SSBmsy	-	-	-		
Fmsy	-	-	-		
ERmsy	-	-	-		
TBmgt	-	-	-		
SSBmgt	-	-	-		
Fmgt	-	-	-		
ERmgt	-	-	-		
TB0	-	-	-		
SSB0	-	-	-		
MSY	-	-	-		
M	-	-	-		
TBlim	-	-	-		
SSBlim	-	-	-		
Flim	-	-	-		
ERlim	-	-	-		

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2015	75	-	-
SSB	SSB-MT	2015	39	-	-
TN	-	-	-	-	-
R	R-E00	2015	1,370,000	-	-
F	F-1/yr	2015	0	-	-
ER	ER-calc-ratio	2015	0	-	-
TC	TC-MT	2015	18.2		
TL	TL-MT	2015	18.2		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

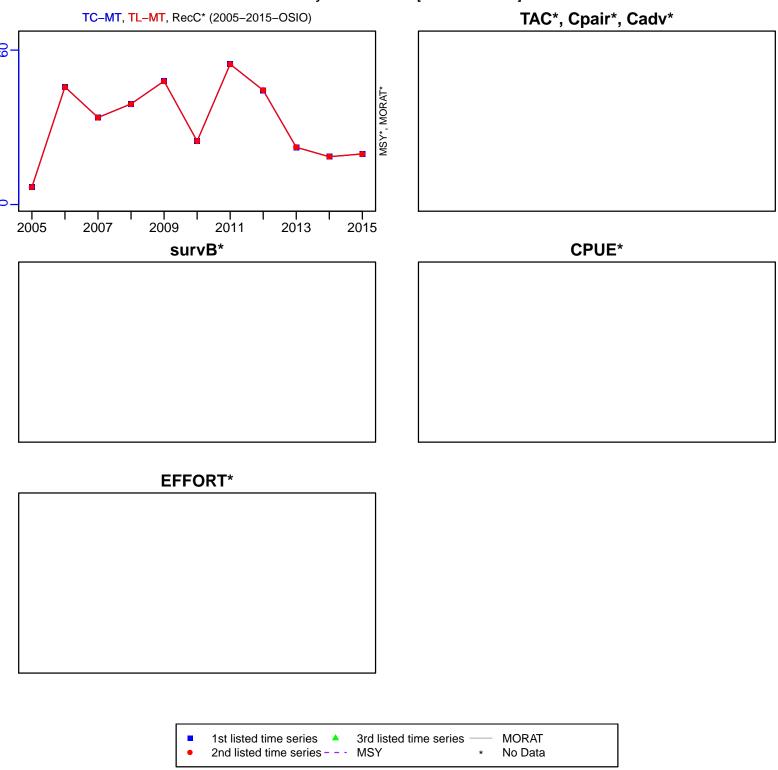


Start Year → End Year → No Data

Norway lobster Sardinia [NEPHMEDGSA11]



Norway lobster Sardinia [NEPHMEDGSA11]

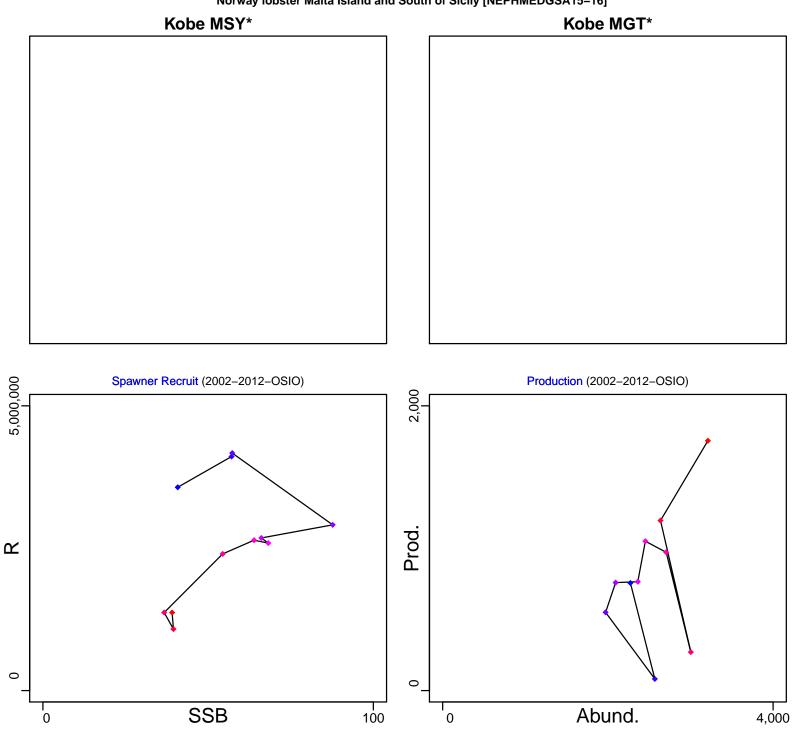


Norway lobster Malta Island and South of Sicily [NEPHMEDGSA15-16]

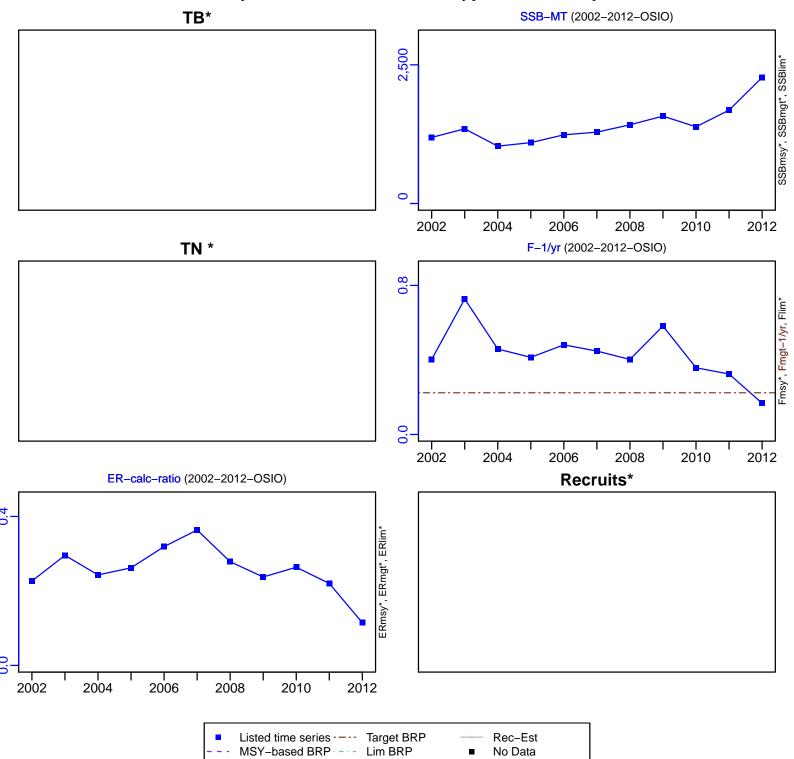
Metadata		
Scientific Name	Nephrops norvegicus	
Current Assess ID	STECF-NEPHMEDGSA15-16-2002-2012-OSIO	
Area Malta Island and South of Sicily (GSA 15, 16)		
Management Authority	General Fisheries Council for the Mediterranean, DG MARE, and national states	
Assessor Scientific, Technical and Economic Committee for Fisheries		
Asmts in RAM	2012	

Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	-	-	-	
Fmsy	-	-	-	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	Fmgt-1/yr	2012	0.2	
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	-	-	-		
TL	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		



Start Year → End Year → No Data



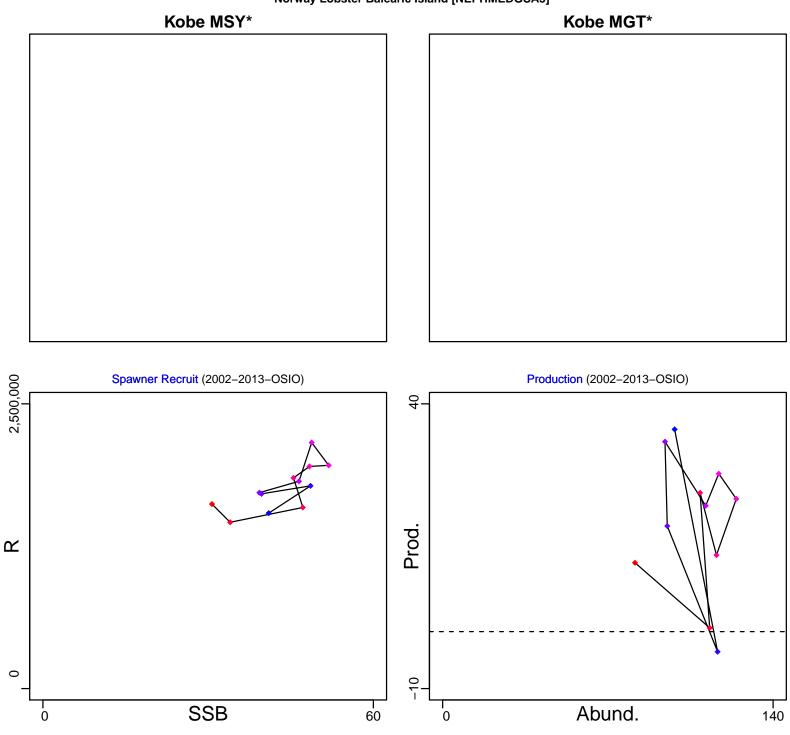
TC*, TL*, RecC*	TAC*, Cpair*, Cadv*
survB*	CPUE*
EFFORT*	
■ 1st listed time series ▲ 3rd	listed time series — MORAT
2nd listed time series MS	Y * No Data

Norway Lobster Balearic Island [NEPHMEDGSA5]

Metadata		
Scientific Name	Nephrops norvegicus	
Current Assess ID	STECF-NEPHMEDGSA5-2002-2013-OSIO	
Area Balearic Island		
Management Authority	General Fisheries Council for the Mediterranean, DG MARE, and national states	
Assessor Scientific, Technical and Economic Committee for Fisheries		
Asmts in RAM	2011, 2013	

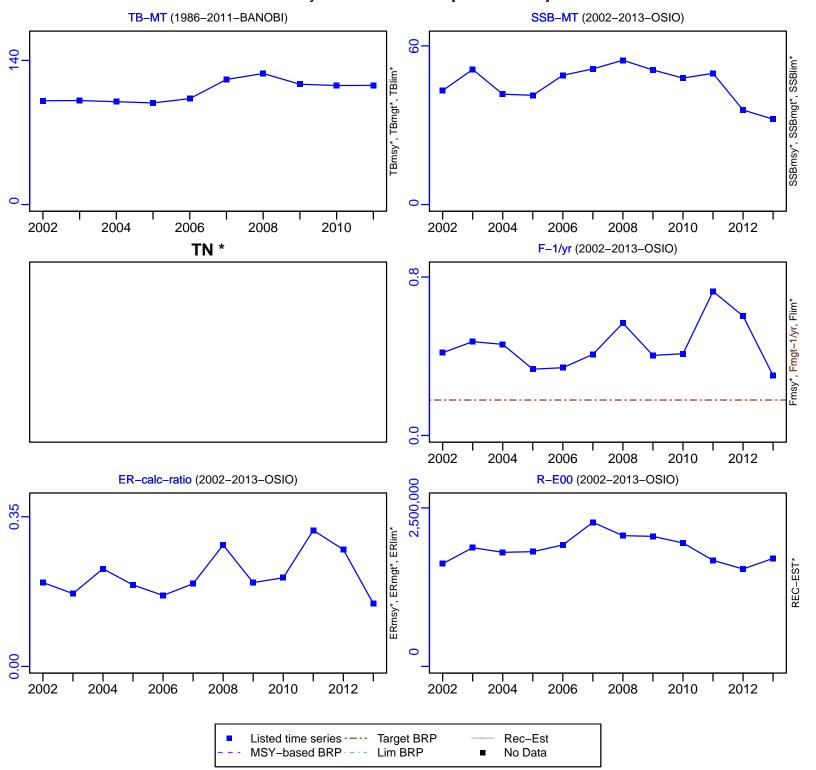
Reference Points			
Туре	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	-	-	-
Fmsy	-	-	-
ERmsy	-	-	-
TBmgt	-	-	-
SSBmgt	-	-	-
Fmgt	Fmgt-1/yr	2013	0.17
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	-	-	-
M	-	-	-
TBlim	-	-	-
SSBlim	-	-	-
Flim	-	-	-
ERlim	-	-	-

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
TB	TB-MT	2011	100	-	-
SSB	SSB-MT	2013	31	-	4+
TN	-	-	-	-	-
R	R-E00	2013	1,620,000	-	-
F	F-1/yr	2013	0	-	-
ER	ER-calc-ratio	2013	0	-	-
TC	TC-MT	2013	9.7		
TL	TL-MT	2011	32.1		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	F-1/yr/Fmgt-1/yr	2013	1.69		
ER/ERmgt	-	-	-		

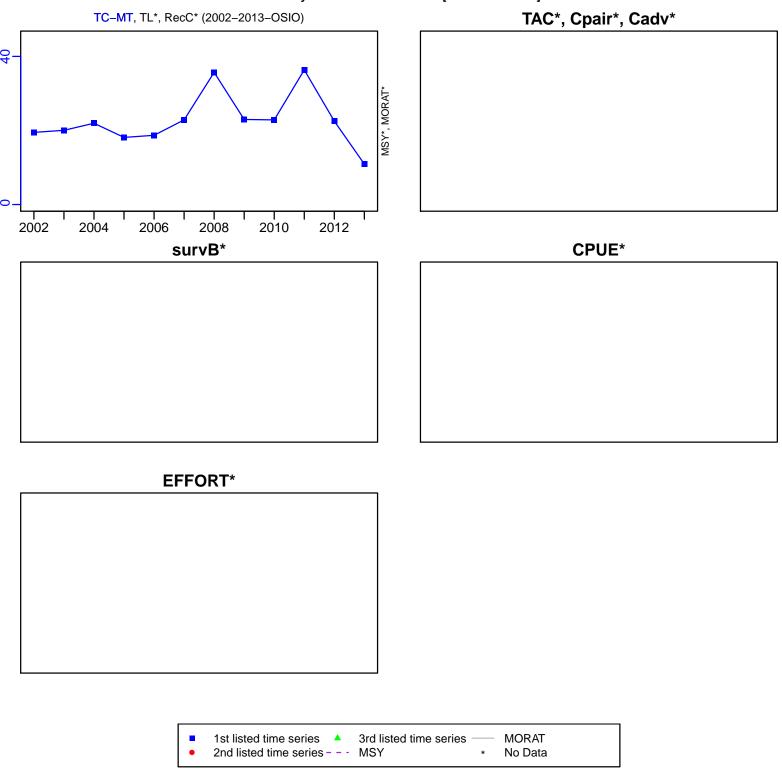


Start Year → End Year → No Data

Norway Lobster Balearic Island [NEPHMEDGSA5]



Norway Lobster Balearic Island [NEPHMEDGSA5]

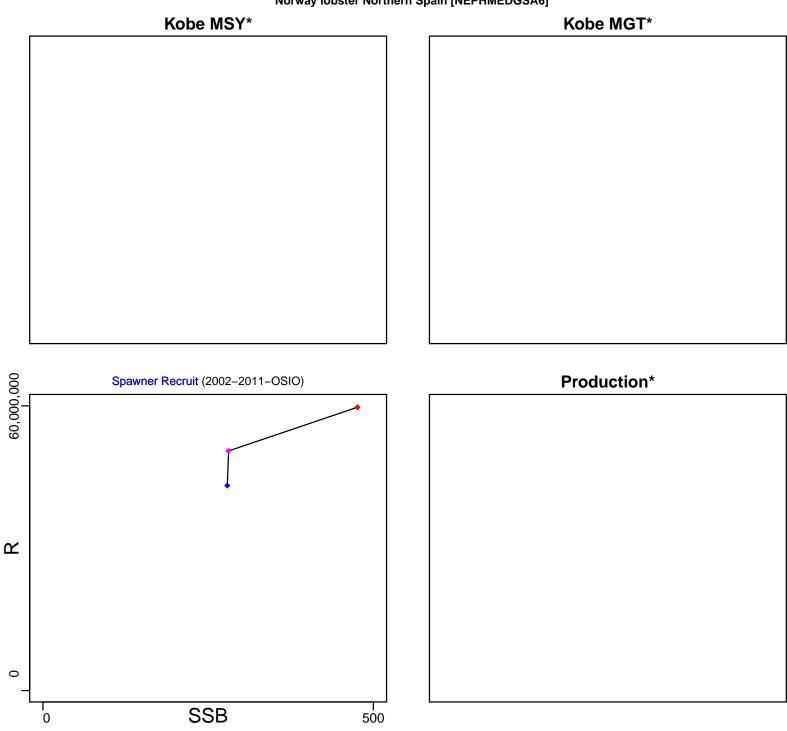


Norway lobster Northern Spain [NEPHMEDGSA6]

Metadata		
Scientific Name	Nephrops norvegicus	
Current Assess ID	STECF-NEPHMEDGSA6-2002-2015-OSIO	
Area Northern Spain		
Management Authority	General Fisheries Council for the Mediterranean, DG MARE, and national states	
Assessor	Scientific, Technical and Economic Committee for Fisheries	
Asmts in RAM	2011, 2015	

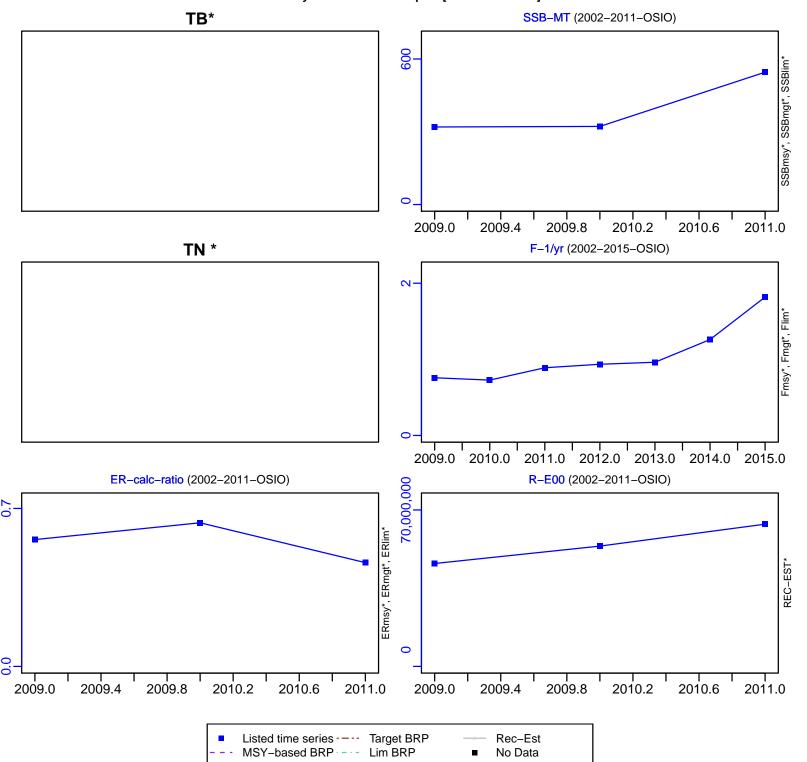
Reference Points			
Туре	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	-	-	-
Fmsy	-	-	-
ERmsy	-	-	-
TBmgt	-	-	-
SSBmgt	-	-	-
Fmgt	Fmgt-1/yr	2011	0.15
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	-	-	-
M	-	-	-
TBlim	-	-	-
SSBlim	-	-	-
Flim	-	-	-
ERlim	-	-	-

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	-	-	-	-	-
SSB	SSB-MT	2011	476	-	4+
TN	-	-	-	-	-
R	R-E00	2011	59,700,000	-	-
F	F-1/yr	2015	2	-	-
ER	ER-calc-ratio	2011	0	-	-
TC	TC-MT	2011	497		
TL	TL-MT	2015	355		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	F-1/yr/Fmgt-1/yr	2011	5		
ER/ERmgt	-	-	-		

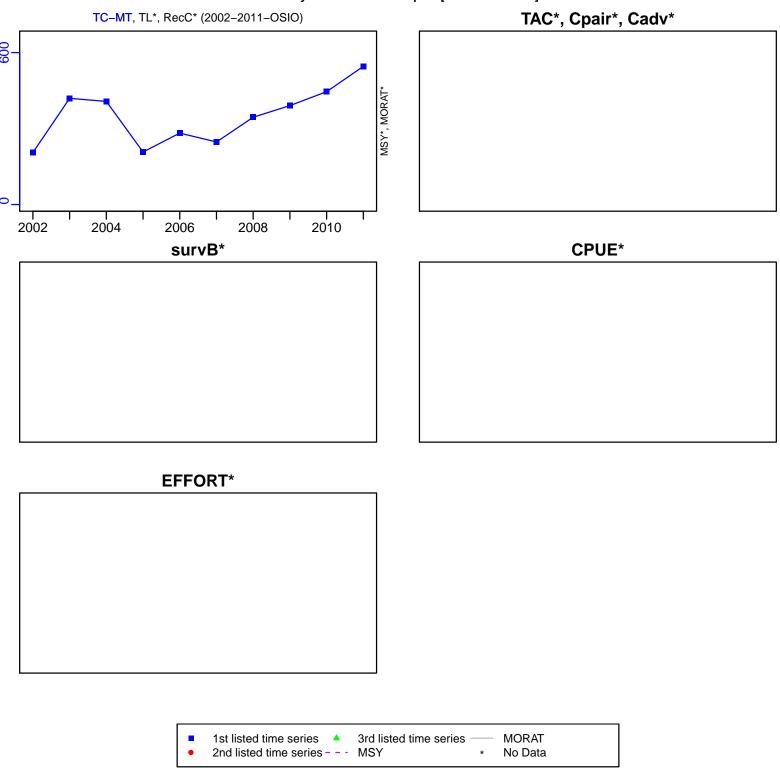


Start Year • End Year * No Data

Norway lobster Northern Spain [NEPHMEDGSA6]



Norway lobster Northern Spain [NEPHMEDGSA6]

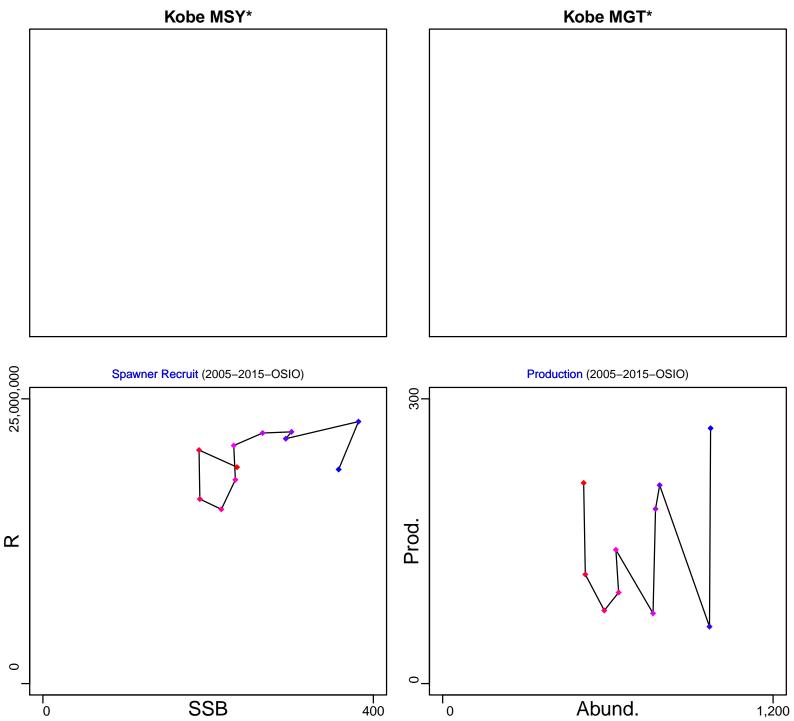


Norway lobster Ligurian and North Tyrrhenian Sea [NEPHMEDGSA9]

Metadata		
Scientific Name	Nephrops norvegicus	
Current Assess ID	STECF-NEPHMEDGSA9-2005-2015-OSIO	
Area Ligurian and North Tyrrhenian Sea		
Management Authority	General Fisheries Council for the Mediterranean, DG MARE, and national states	
Assessor Scientific, Technical and Economic Committee for Fisheries		
Asmts in RAM	2015, 2013	

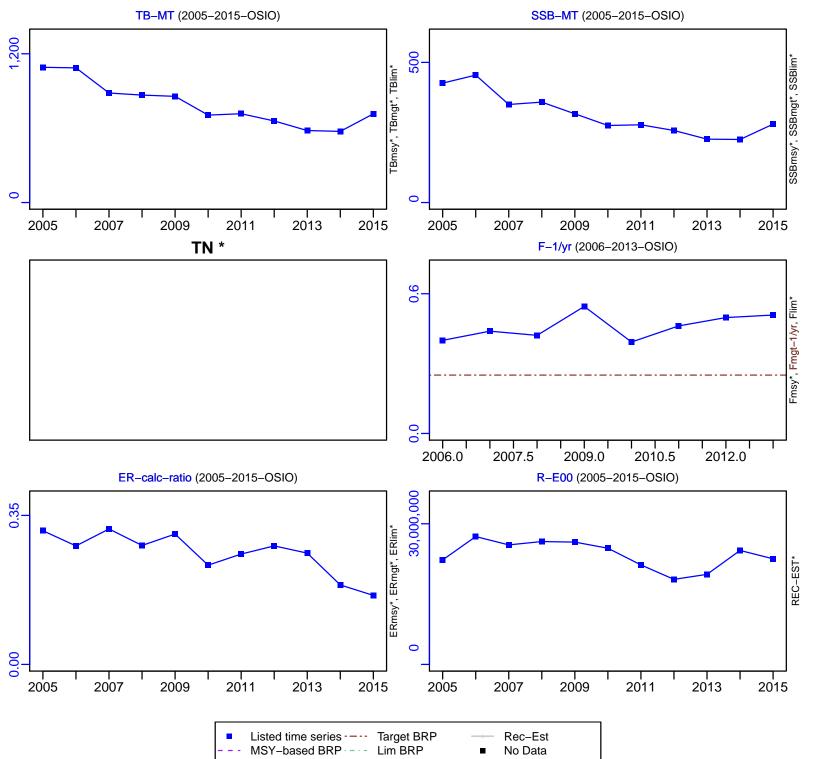
Reference Points			
Туре	ID Asmt Year Va		Value
TBmsy	-	-	-
SSBmsy	-	-	-
Fmsy	-	-	-
ERmsy	-	-	-
TBmgt	-	-	-
SSBmgt	-	-	-
Fmgt	Fmgt-1/yr	2013	0.21
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	-	-	-
М	-	-	-
TBlim	-	-	-
SSBlim	-	-	-
Flim	-	-	-
ERlim	-	-	-

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2015	638	-	-
SSB	SSB-MT	2015	235	-	-
TN	-	-	-	-	-
R	R-E00	2015	1.9×10^7	-	-
F	F-1/yr	2015	0	-	-
ER	ER-calc-ratio	2015	0	-	-
TC	TC-MT	2015	92.4		•
TL	TL-MT	2015	114		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	F-1/yr/Fmgt-1/yr	2013	2.03		
ER/ERmgt	-	-	-		

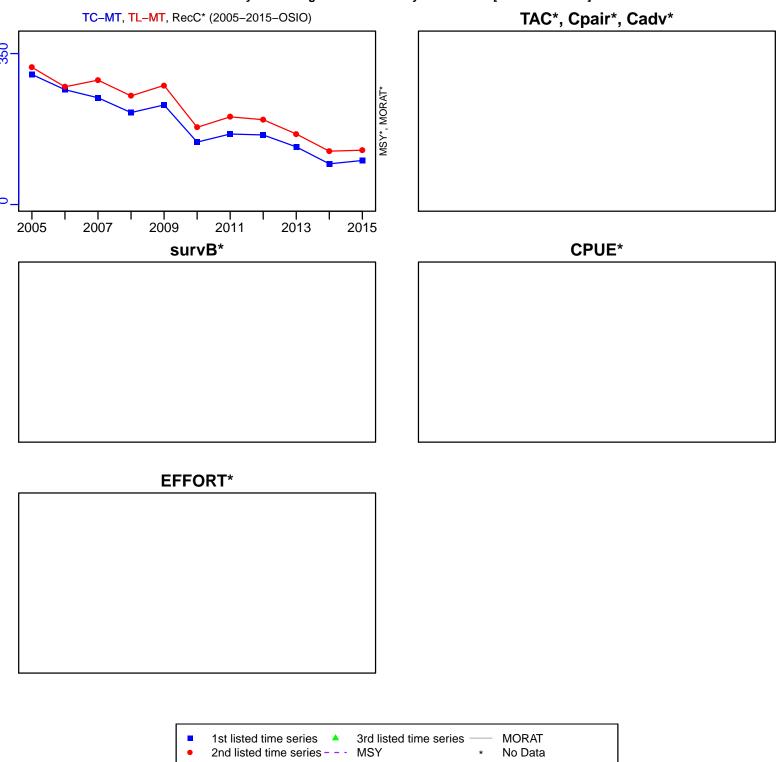


Start Year → End Year → No Data

Norway lobster Ligurian and North Tyrrhenian Sea [NEPHMEDGSA9]



Norway lobster Ligurian and North Tyrrhenian Sea [NEPHMEDGSA9]



Picarel Cyprus Island [PICAMEDGSA25]

Metadata		
Scientific Name Spicara smaris		
Current Assess ID	STECF-PICAMEDGSA25-2005-2010-OSIO	
Area	Cyprus Island	
Management Authority	General Fisheries Council for the Mediterranean, DG MARE, and national states	
Assessor	Scientific, Technical and Economic Committee for Fisheries	
Asmts in RAM	2010	

Reference Points			
Туре	ID Asmt Year Va		Value
TBmsy	-	-	-
SSBmsy	-	-	-
Fmsy	-	-	-
ERmsy	-	-	-
TBmgt	-	-	-
SSBmgt	-	-	-
Fmgt	Fmgt-1/yr	2010	0.31
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	-	-	-
М	-	-	-
TBlim	-	-	-
SSBlim	-	-	-
Flim	-	-	-
ERlim	-	-	-

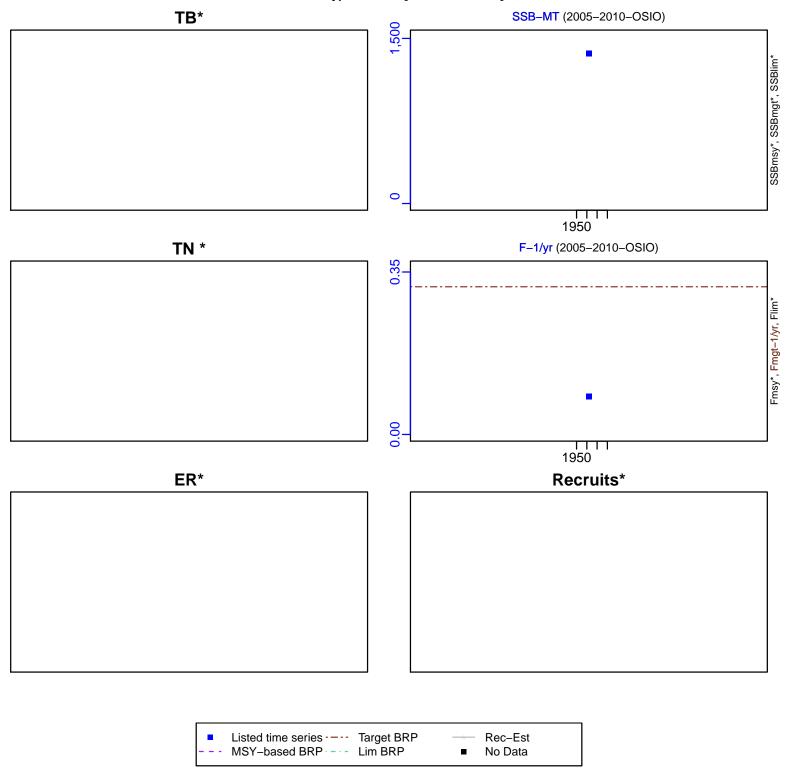
	Time Series				
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	-	-	-	-	-
SSB	SSB-MT	2010	1350	-	0+
TN	-	-	-	-	-
R	-	-	-	-	-
F	F-1/yr	2010	0	-	-
ER	-	-	-	-	-
TC	-	-	-		
TL	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	F-1/yr/Fmgt-1/yr	2010	0.26		
ER/ERmgt	-	-	-		

Picarel Cyprus Island [PICAMEDGSA25]

Kobe MSY*	Kobe MGT*
Spawner Recruit*	Production*

◆ Start Year ◆ End Year * No Data

Picarel Cyprus Island [PICAMEDGSA25]



Picarel Cyprus Island [PICAMEDGSA25]

TC*, TL*, RecC*	TAC*, Cpair*, Cadv*
survB*	CPUE*
EFFORT*	
■ 1st listed time series ▲ 3rd	listed time series — MORAT
2nd listed time series MS	Y * No Data

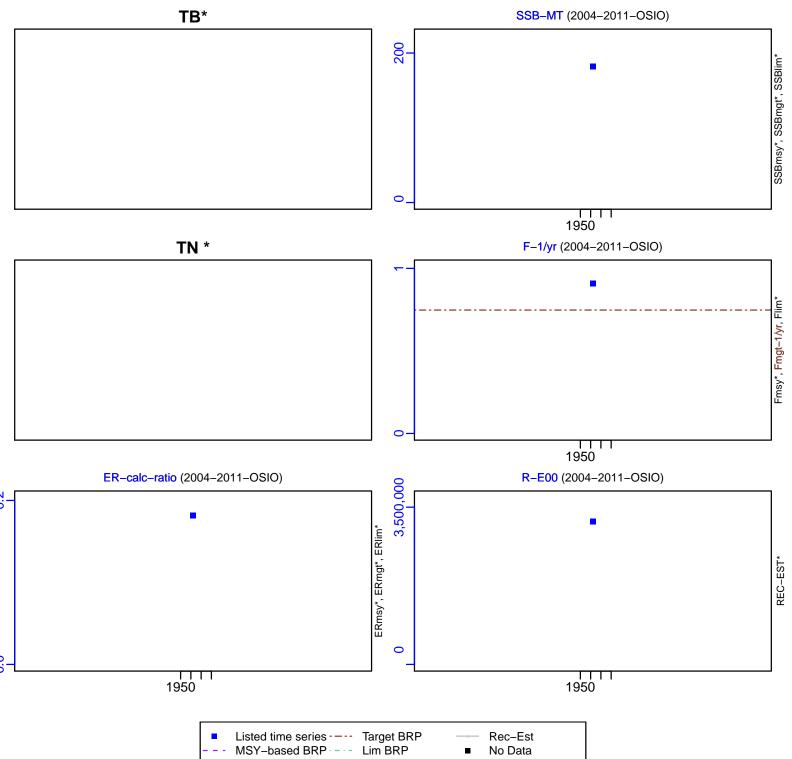
Metadata		
Scientific Name Trisopterus minutus		
Current Assess ID	Assess ID STECF-PRCODMEDGSA9-2004-2011-OSIO	
Area Ligurian and North Tyrrhenian Sea		
Management Authority	agement Authority General Fisheries Council for the Mediterranean, DG MARE, and national states	
Assessor	Scientific, Technical and Economic Committee for Fisheries	
Asmts in RAM	2011	

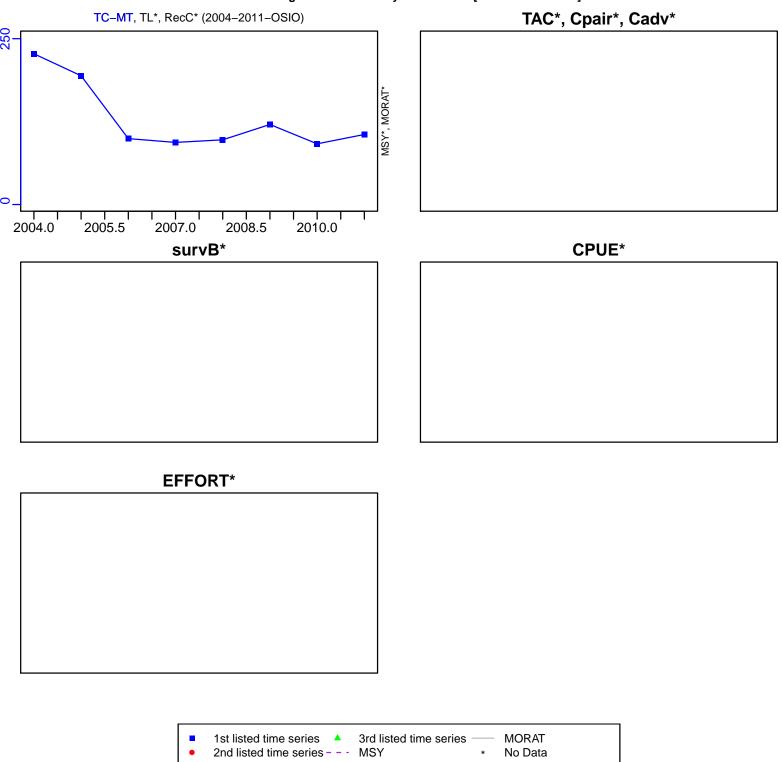
Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	-	-	-	
Fmsy	-	-	-	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	Fmgt-1/yr	2011	0.74	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	-	-	-	
MSY	-	-	-	
M	-	-	-	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	-	-	-	-	-
SSB	SSB-MT	2011	163	-	0+
TN	-	-	-	-	-
R	R-E00	2011	3×10^6	-	-
F	F-1/yr	2011	1	-	-
ER	ER-calc-ratio	2011	0	-	-
TC	TC-MT	2011	105		
TL	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	F-1/yr/Fmgt-1/yr	2011	1.22		
ER/ERmgt	-	-	-		

Kobe MSY*	Kobe MGT*
Spawner Recruit*	Production*

◆ Start Year ◆ End Year * No Data



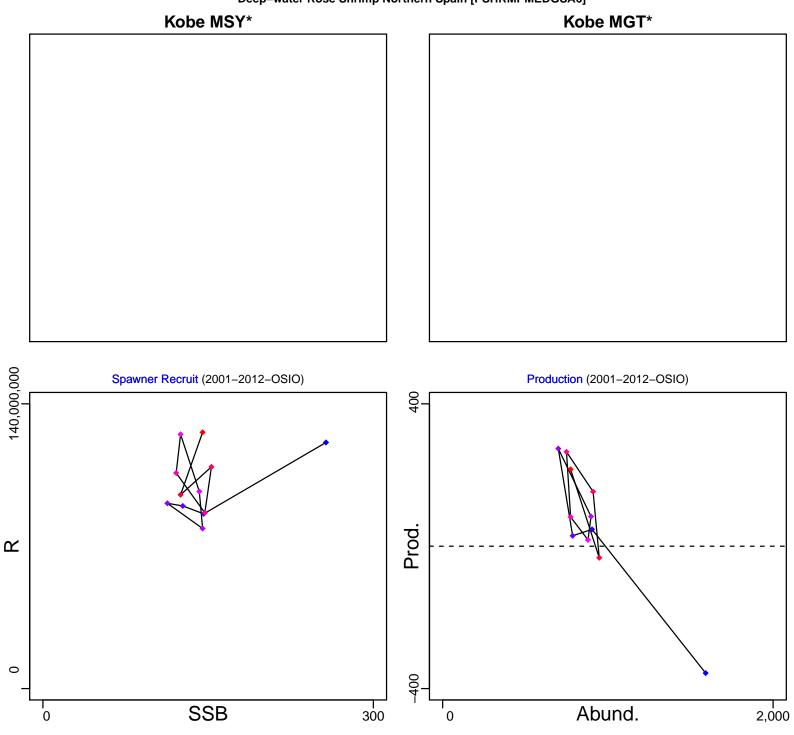


Deep-water Rose Shrimp Northern Spain [PSHRMPMEDGSA6]

Metadata		
Scientific Name Parapenaeus longirostris		
Current Assess ID	STECF-PSHRMPMEDGSA6-2001-2012-OSIO	
Area	Area Northern Spain	
Management Authority	General Fisheries Council for the Mediterranean, DG MARE, and national states	
Assessor	Scientific, Technical and Economic Committee for Fisheries	
Asmts in RAM	2011, 2012	

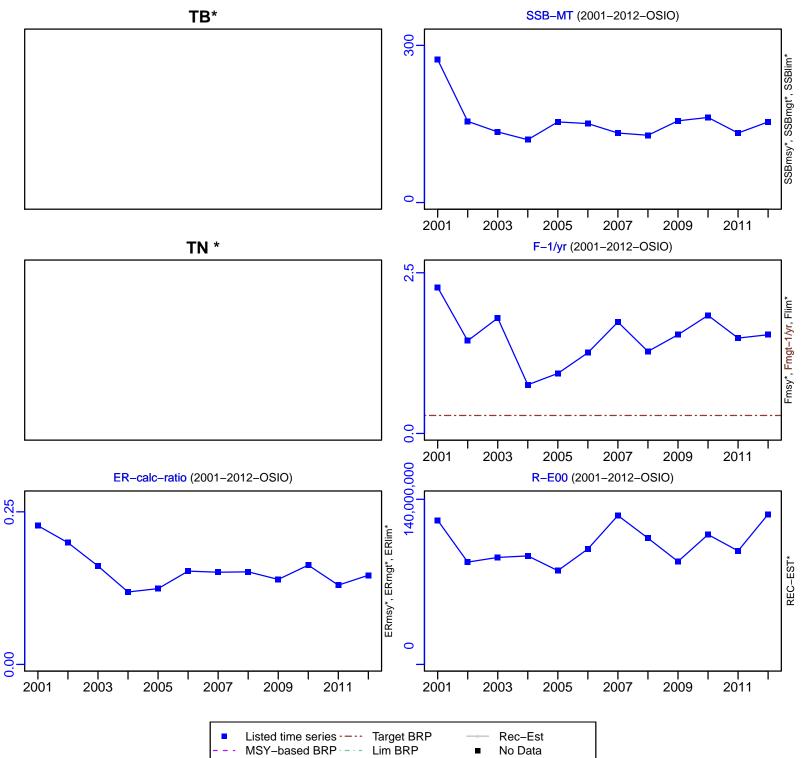
Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	-	-	-	
Fmsy	-	-	-	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	Fmgt-1/yr	2012	0.27	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	-	-	-	
MSY	-	-	-	
М	-	-	-	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

Time Series					
Туре	ID	Asmt Year Curr Valu		Sex	Age
ТВ	-	-	-	-	-
SSB	SSB-MT	2012	145	-	2+
TN	-	-	-	-	-
R	R-E00	2012	1.26×10^{8}	-	-
F	F-1/yr	2012	1	-	-
ER	ER-calc-ratio	2012	0	-	-
TC	TC-MT	2012	120		
TL	TL-MT	2011	92.2		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	F-1/yr/Fmgt-1/yr	2012	5.48		
ER/ERmgt	-	-	-		

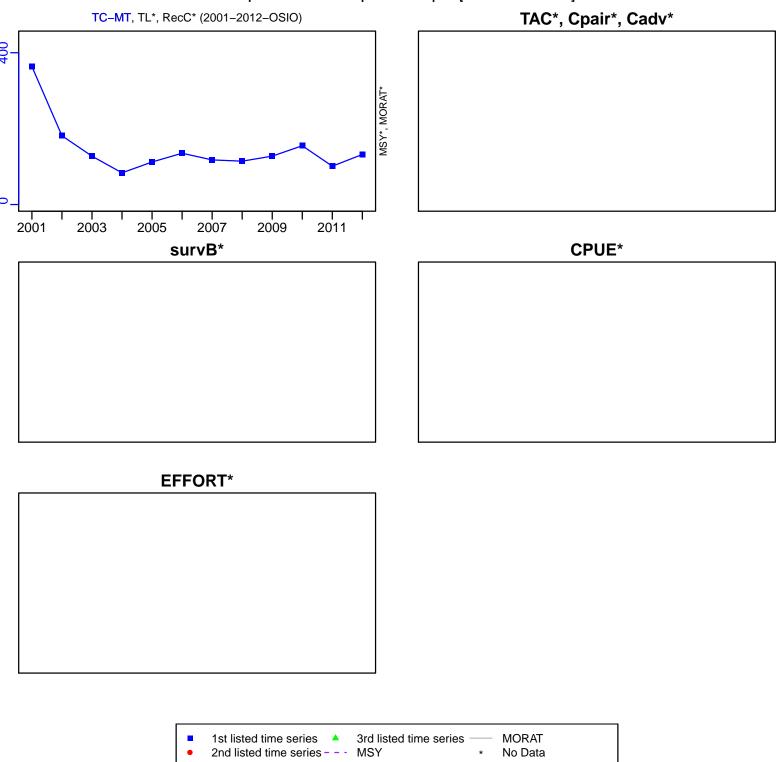


Start Year → End Year → No Data

Deep-water Rose Shrimp Northern Spain [PSHRMPMEDGSA6]



Deep-water Rose Shrimp Northern Spain [PSHRMPMEDGSA6]



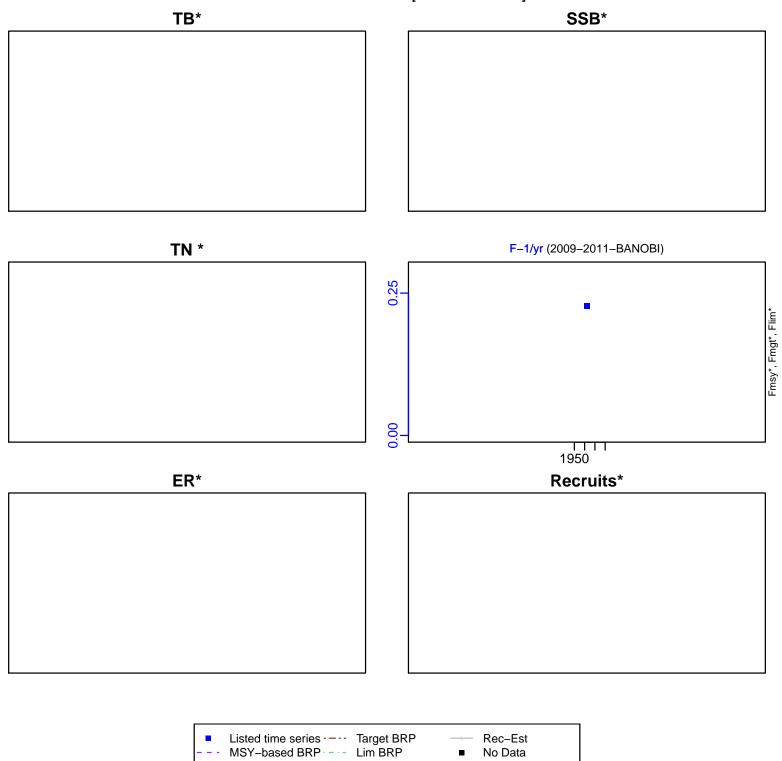
Metadata		
Scientific Name Pagellus bogaraveo		
Current Assess ID	GRP7-RBRMMEDGSA1-3-2009-2011-BANOBI	
Area	Area Alboran Island Sea (GSA 1,3)	
Management Authority	General Fisheries Council for the Mediterranean, DG MARE, and national states	
Assessor	INRH-NADOR, IEO-MALAGA	
Asmts in RAM	2011	

	Reference Points				
Туре	ID	Asmt Year	Value		
TBmsy	-	-	-		
SSBmsy	-	-	-		
Fmsy	-	-	-		
ERmsy	-	-	-		
TBmgt	-	-	-		
SSBmgt	-	-	-		
Fmgt	-	-	-		
ERmgt	-	-	-		
TB0	-	-	-		
SSB0	-	-	-		
MSY	-	-	-		
M	M-1/yr	2011	0.2		
TBlim	-	-	-		
SSBlim	-	-	-		
Flim	-	-	-		
ERlim	-	-	-		

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

Kobe MGT*
Production*

◆ Start Year ◆ End Year * No Data



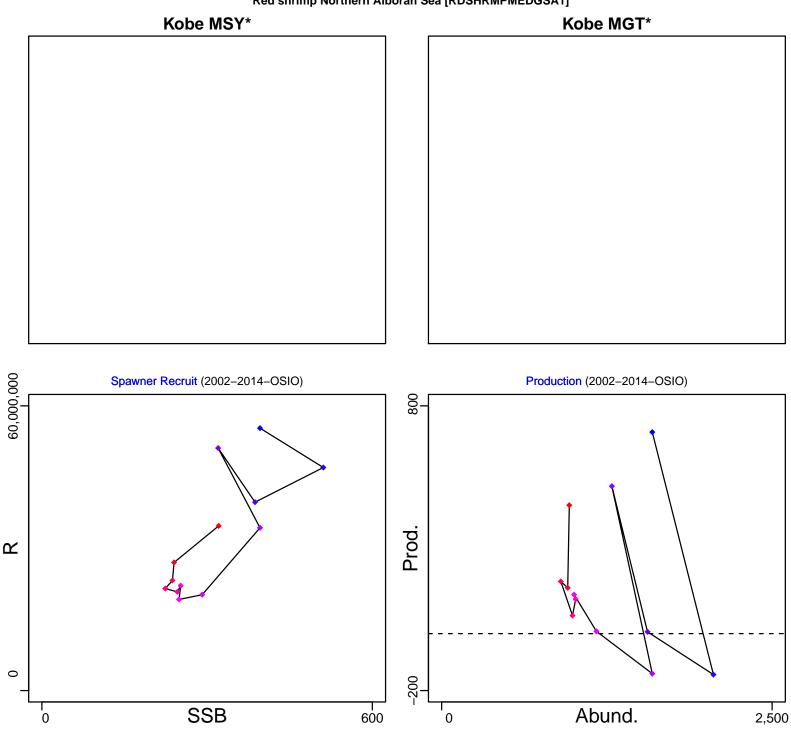
TC*, TL*, RecC*	TAC*, Cpair*, Cadv*
survB*	CPUE*
EFFORT*	
LITORI	
 1st listed time series A 3rd 2nd listed time series MS* 	listed time series — MORAT Y * No Data

Red shrimp Northern Alboran Sea [RDSHRMPMEDGSA1]

Metadata		
Scientific Name	Aristeus antennatus	
Current Assess ID	STECF-RDSHRMPMEDGSA1-2002-2014-OSIO	
Area	Northern Alboran Sea	
Management Authority	General Fisheries Council for the Mediterranean, DG MARE, and national states	
Assessor	Scientific, Technical and Economic Committee for Fisheries	
Asmts in RAM	2014	

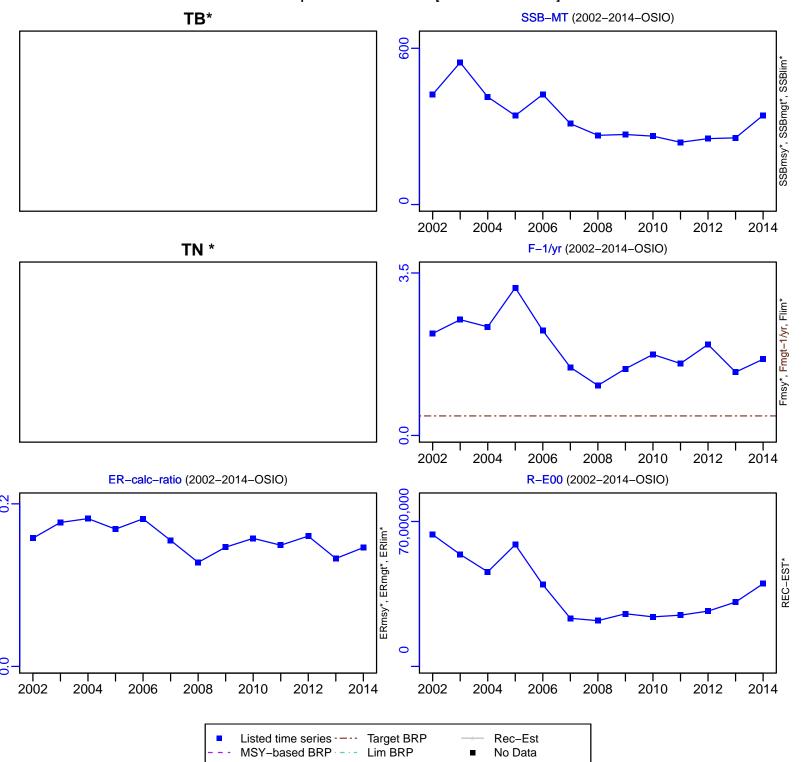
Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	-	-	-	
Fmsy	-	-	-	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	Fmgt-1/yr	2014	0.41	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	-	-	-	
MSY	-	-	-	
М	-	-	-	
TBlim	-	-	-	
SSBlim	SSBlim-MT	2014	1287	
Flim	-	-	-	
ERlim	-	-	-	

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	-	-	-	-	-
SSB	SSB-MT	2014	321	-	1+
TN	-	-	-	-	-
R	R-E00	2014	34,700,000	-	-
F	F-1/yr	2014	2	-	-
ER	ER-calc-ratio	2014	0	-	-
TC	TC-MT	2014	184		
TL	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	F-1/yr/Fmgt-1/yr	2014	3.9		
ER/ERmgt	-	-	-		

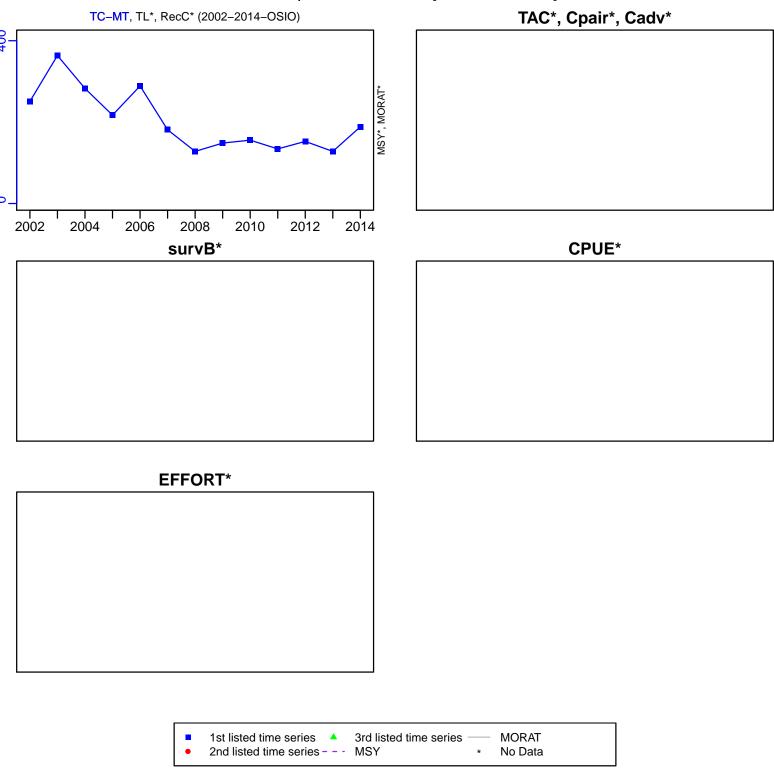


Start Year → End Year → No Data

Red shrimp Northern Alboran Sea [RDSHRMPMEDGSA1]



Red shrimp Northern Alboran Sea [RDSHRMPMEDGSA1]



Metadata		
Scientific Name	Aristeus antennatus	
Current Assess ID	STECF-RDSHRMPMEDGSA10-2006-2011-OSIO	
Area South Tyrrhenian Sea		
Management Authority	General Fisheries Council for the Mediterranean, DG MARE, and national states	
Assessor	Scientific, Technical and Economic Committee for Fisheries	
Asmts in RAM	2011	

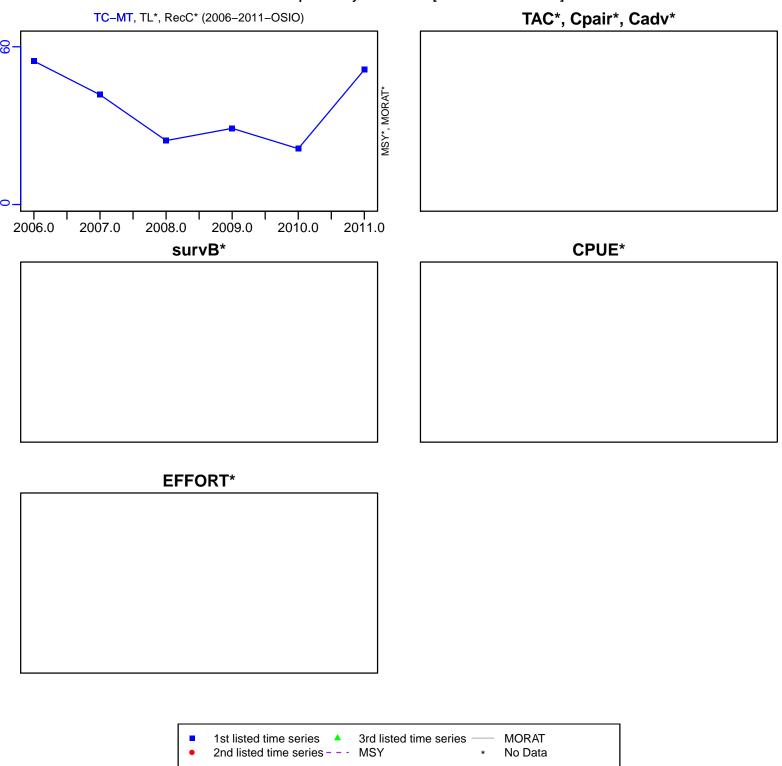
Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	-	-	-	
Fmsy	-	-	-	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	Fmgt-1/yr	2011	0.31	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	-	-	-	
MSY	-	-	-	
M	-	-	-	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	-	-	-	-	-
SSB	-	-	-	-	-
TN	-	-	-	-	-
R	-	-	-	-	-
F	-	-	-	-	-
ER	-	-	-	-	-
TC	TC-MT	2011	48.5		
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*
ED*	De evvite*
ER*	Recruits*
	I L
■ Listed time series Ta	arget BRP — Rec-Est
Listed time series Ta	im BRP ■ No Data



Metadata		
Scientific Name	Aristeus antennatus	
Current Assess ID	STECF-RDSHRMPMEDGSA15-16-2009-2012-OSIO	
Area	Malta Island and South of Sicily (GSA 15, 16)	
Management Authority	General Fisheries Council for the Mediterranean, DG MARE, and national states	
Assessor	Scientific, Technical and Economic Committee for Fisheries	
Asmts in RAM	2012	

Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	-	-	-	
Fmsy	-	-	-	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	Fmgt-1/yr	2012	0.26	
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	-	-	-		
TL	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

Kobe MGT*
Production*

◆ 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

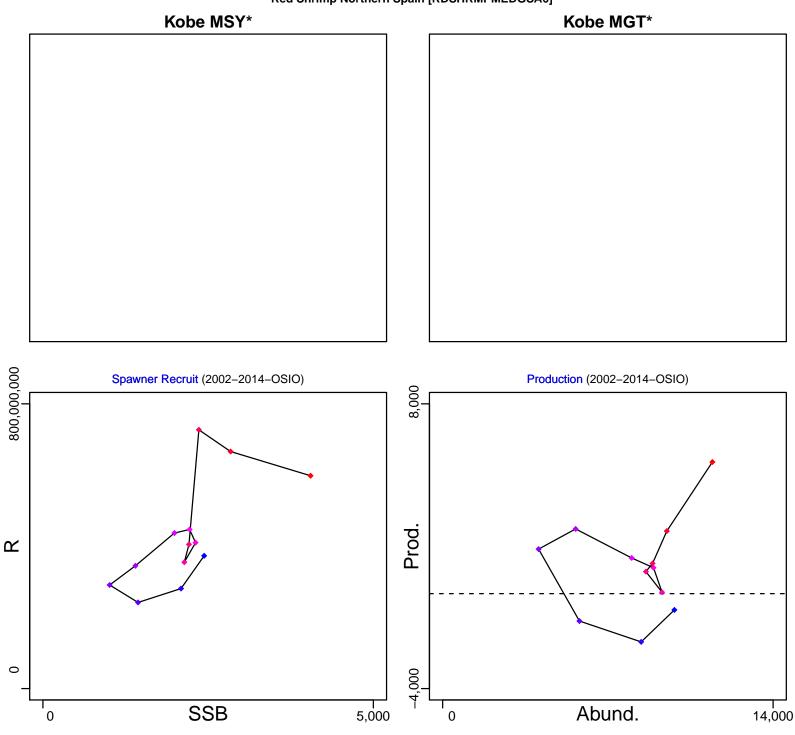
TC*, TL*, RecC*	TAC*, Cpair*, Cadv*
survB*	CPUE*
EFFORT*	
■ 1st listed time series ▲ 3rd	listed time series — MORAT
2nd listed time series MS	Y * No Data

Red Shrimp Northern Spain [RDSHRMPMEDGSA6]

Metadata			
Scientific Name	Aristeus antennatus		
Current Assess ID	STECF-RDSHRMPMEDGSA6-2002-2014-OSIO		
Area	Northern Spain		
Management Authority	General Fisheries Council for the Mediterranean, DG MARE, and national states		
Assessor	Scientific, Technical and Economic Committee for Fisheries		
Asmts in RAM	2011, 2014		

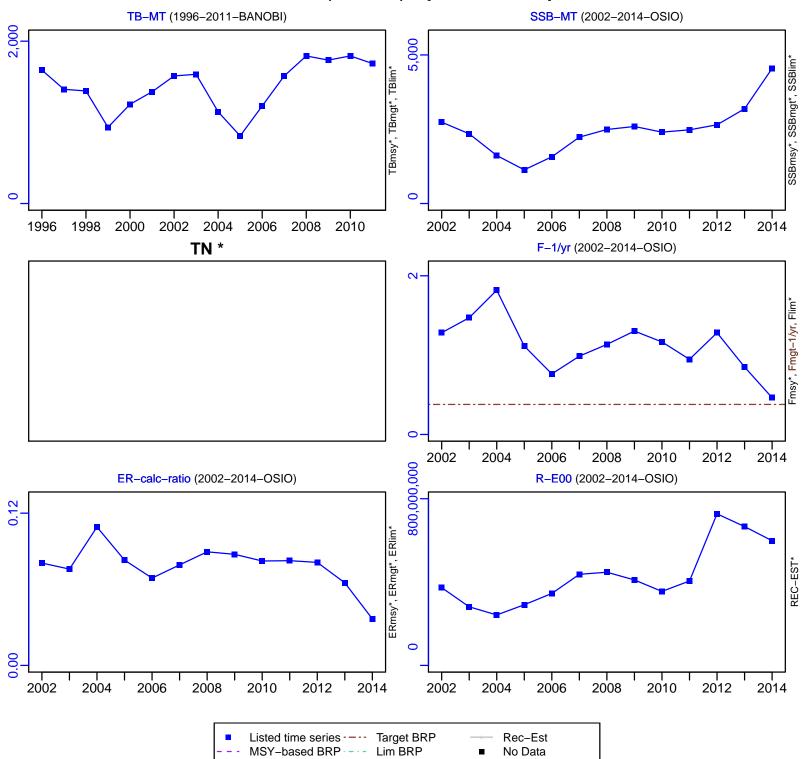
Reference Points							
Type ID Asmt Year Value							
TBmsy	-	-	-				
SSBmsy	-	-	-				
Fmsy	-	-	-				
ERmsy	-	-	-				
TBmgt	-	-	-				
SSBmgt	-	-	-				
Fmgt	Fmgt-1/yr	2014	0.36				
ERmgt	-	-	-				
TB0	-	-	-				
SSB0	-	-	-				
MSY	-	-	-				
М	M-1/yr	2011	0.46				
TBlim	-	-	-				
SSBlim	SSBlim-MT	2014	224				
Flim	-	-	-				
ERlim	-	-	-				

	Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age	
ТВ	TB-MT	2011	1680	-	-	
SSB	SSB-MT	2014	4050	-	1+	
TN	-	-	-	-	-	
R	R-E00	2014	5.98×10^{8}	-	-	
F	F-1/yr	2014	0	-	-	
ER	ER-calc-ratio	2014	0	-	-	
TC	TC-MT	2014	546			
TL	TL-MT	2011	737			
TB/TBmsy	-	-	-			
SSB/SSBmsy	-	-	-			
F/Fmsy	-	-	-			
ER/ERmsy	-	-	-			
TB/TBmgt	-	-	-			
SSB/SSBmgt	-	-	-			
F/Fmgt	F-1/yr/Fmgt-1/yr	2014	1.23			
ER/ERmgt	-	-	-			

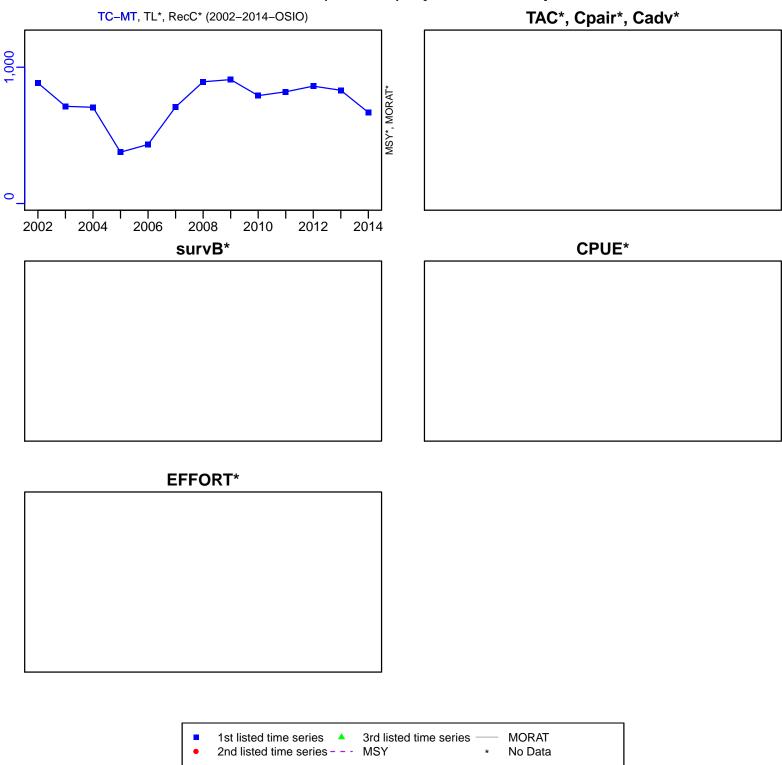


Start Year → End Year → No Data

Red Shrimp Northern Spain [RDSHRMPMEDGSA6]



Red Shrimp Northern Spain [RDSHRMPMEDGSA6]

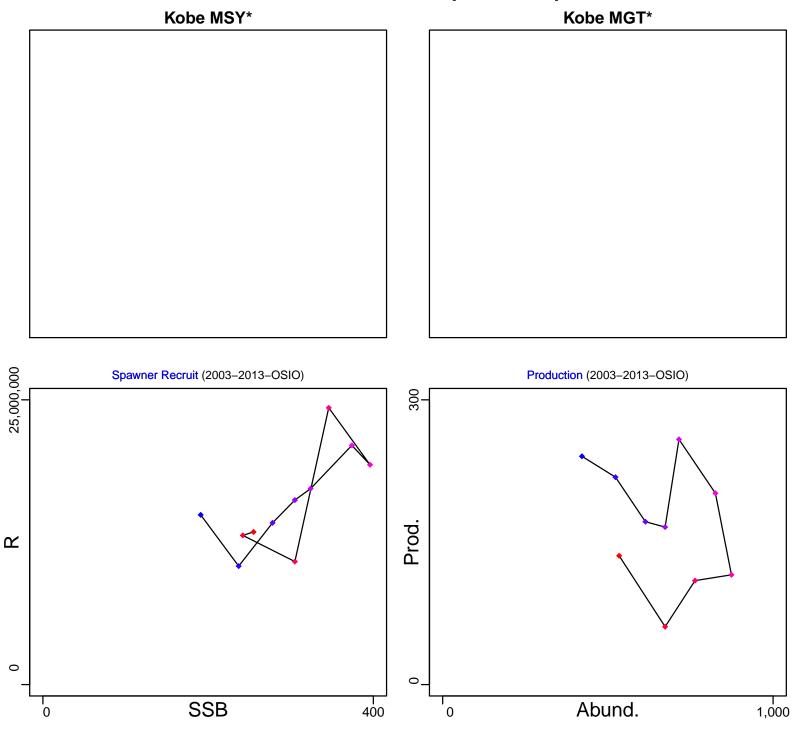


Red mullet Northern Alboran Sea [RMULLMEDGSA1]

Metadata			
Scientific Name	Mullus barbatus		
Current Assess ID	STECF-RMULLMEDGSA1-2003-2013-OSIO		
Area	Northern Alboran Sea		
Management Authority	General Fisheries Council for the Mediterranean, DG MARE, and national states		
Assessor	Scientific, Technical and Economic Committee for Fisheries		
Asmts in RAM	2013		

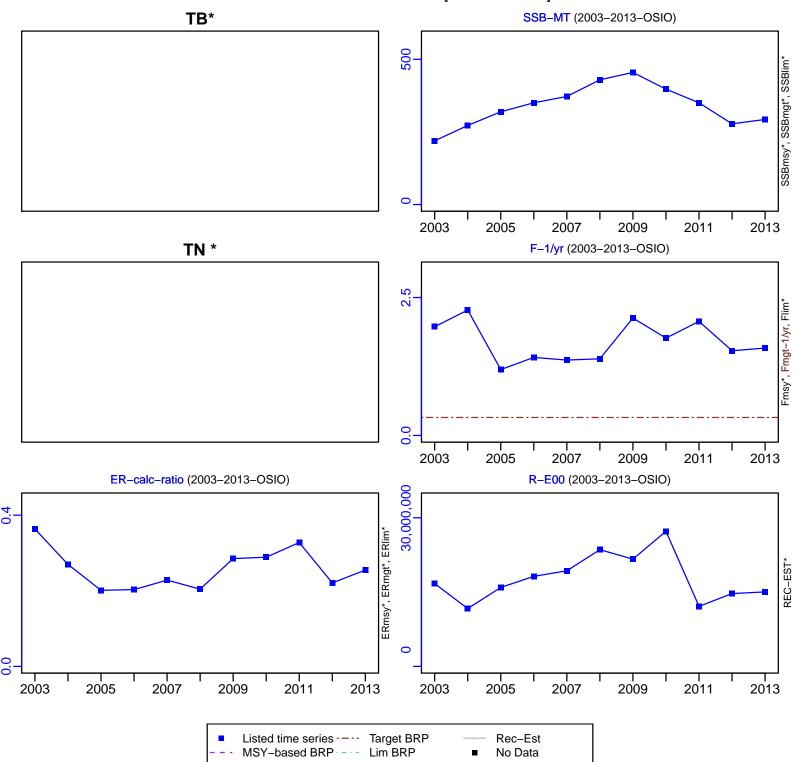
Reference Points						
Type ID Asmt Year Value						
TBmsy	-	-	-			
SSBmsy	-	-	-			
Fmsy	-	-	-			
ERmsy	-	-	-			
TBmgt	-	-	-			
SSBmgt	-	-	-			
Fmgt	Fmgt-1/yr	2013	0.27			
ERmgt	-	-	-			
TB0	-	-	-			
SSB0	-	-	-			
MSY	-	-	-			
М	-	-	-			
TBlim	-	-	-			
SSBlim	-	-	-			
Flim	-	-	-			
ERlim	-	-	-			

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	-	-	-	-	-
SSB	SSB-MT	2013	255	-	1+
TN	-	-	-	-	-
R	R-E00	2013	13,400,000	-	-
F	F-1/yr	2013	1	-	-
ER	ER-calc-ratio	2013	0	-	-
TC	TC-MT	2013	130		
TL	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	F-1/yr/Fmgt-1/yr	2013	4.85		
ER/ERmgt	-	-	-		

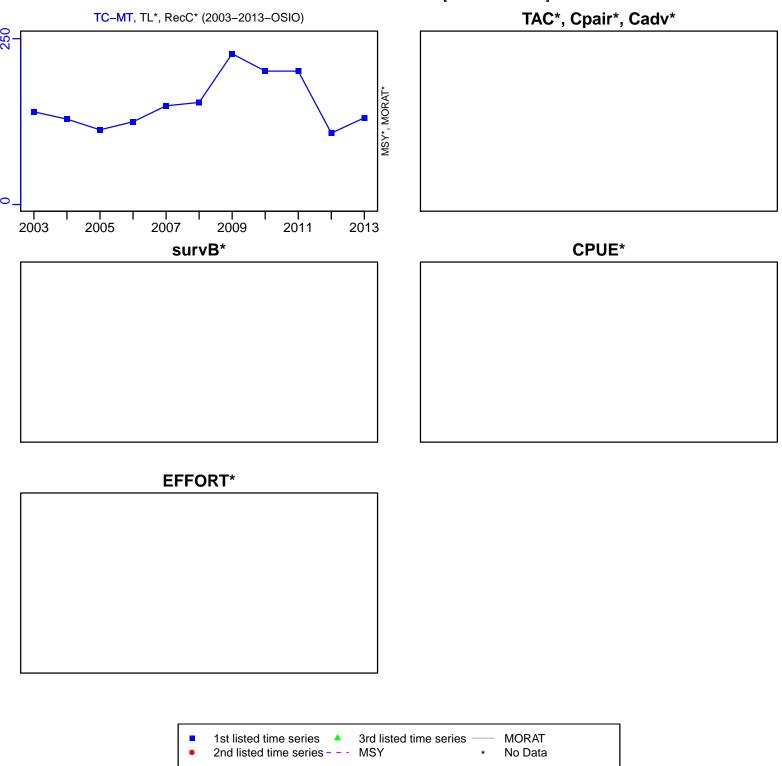


Start Year → End Year → No Data

Red mullet Northern Alboran Sea [RMULLMEDGSA1]



Red mullet Northern Alboran Sea [RMULLMEDGSA1]



Red mullet South Tyrrhenian Sea [RMULLMEDGSA10]

Metadata			
Scientific Name	Mullus barbatus		
Current Assess ID	STECF-RMULLMEDGSA10-2004-2010-OSIO		
Area	South Tyrrhenian Sea		
Management Authority	General Fisheries Council for the Mediterranean, DG MARE, and national states		
Assessor	Scientific, Technical and Economic Committee for Fisheries		
Asmts in RAM	2010		

Reference Points							
Type ID Asmt Year Valu							
TBmsy	-	-	-				
SSBmsy	-	-	-				
Fmsy	-	-	-				
ERmsy	-	-	-				
TBmgt	-	-	-				
SSBmgt	-	-	-				
Fmgt	Fmgt-1/yr	2010	0.41				
ERmgt	-	-	-				
TB0	-	-	-				
SSB0	-	-	-				
MSY	-	-	-				
M	-	-	-				
TBlim	-	-	-				
SSBlim	-	-	-				
Flim	-	-	-				
ERlim	-	-	-				

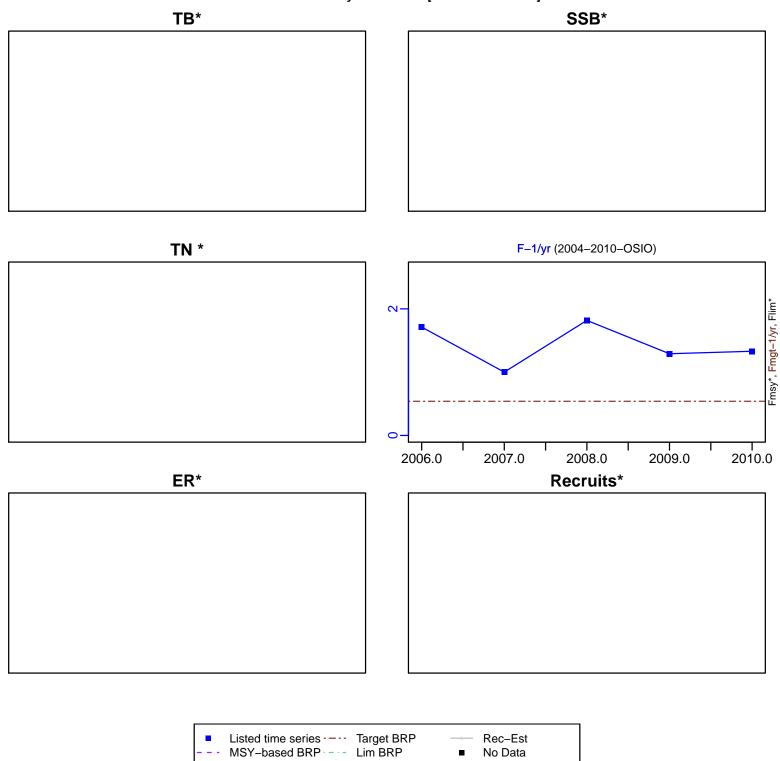
	Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age	
ТВ	-	-	-	-	-	
SSB	-	-	-	-	-	
TN	-	-	-	-	-	
R	-	-	-	-	-	
F	F-1/yr	2010	1	-	-	
ER	-	-	-	-	-	
TC	TC-MT	2010	84			
TL	-	-	-			
TB/TBmsy	-	-	-			
SSB/SSBmsy	-	-	-			
F/Fmsy	-	-	-			
ER/ERmsy	-	-	-			
TB/TBmgt	-	-	-			
SSB/SSBmgt	-	-	-			
F/Fmgt	F-1/yr/Fmgt-1/yr	2010	2.46			
ER/ERmgt	-	-	-			

Red mullet South Tyrrhenian Sea [RMULLMEDGSA10]

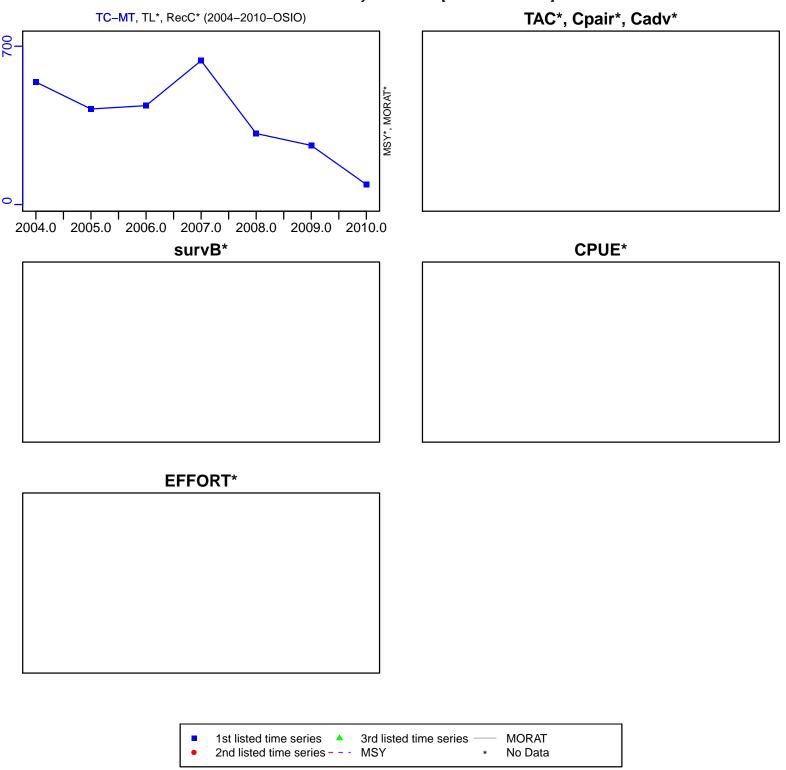
Kobe MSY*	Kobe MGT*
L	
Snowner Beerwit*	Draduation*
Spawner Recruit*	Production*
Spawner Recruit	Production
Spawner Recruit	

◆ Start Year ◆ End Year * No Data

Red mullet South Tyrrhenian Sea [RMULLMEDGSA10]



Red mullet South Tyrrhenian Sea [RMULLMEDGSA10]

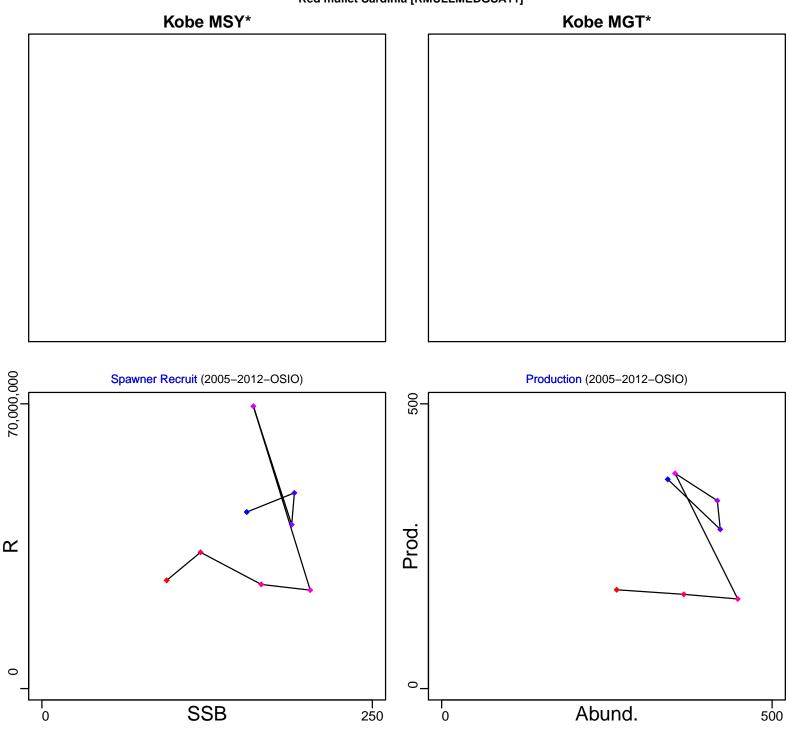


Red mullet Sardinia [RMULLMEDGSA11]

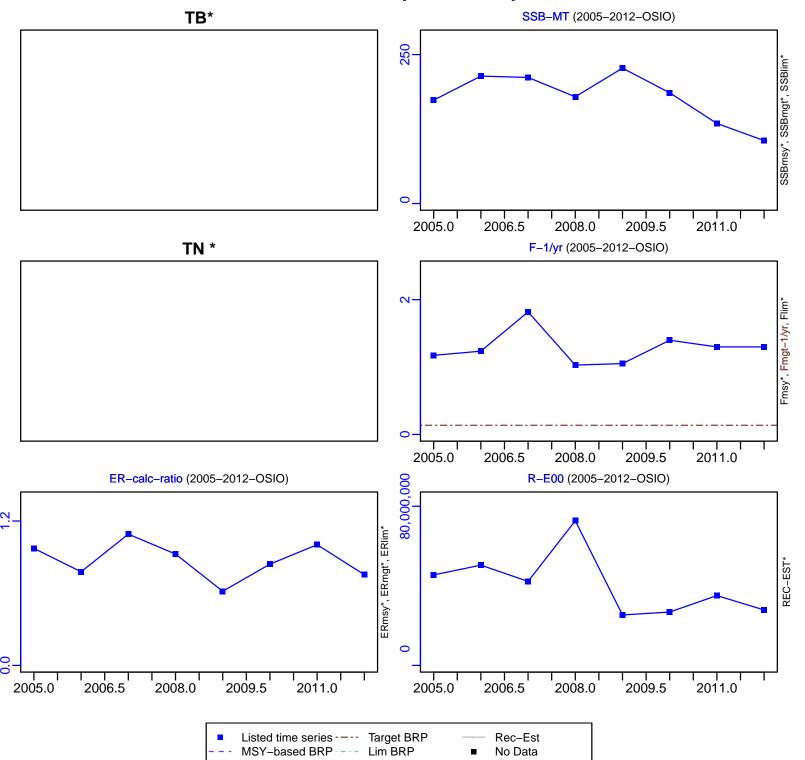
Metadata		
Scientific Name	Mullus barbatus	
Current Assess ID	STECF-RMULLMEDGSA11-2005-2012-OSIO	
Area	Sardinia	
Management Authority	General Fisheries Council for the Mediterranean, DG MARE, and national states	
Assessor	Scientific, Technical and Economic Committee for Fisheries	
Asmts in RAM	2012	

Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	-	-	-	
Fmsy	-	-	-	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	Fmgt-1/yr	2012	0.11	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	-	-	-	
MSY	-	-	-	
M	-	-	-	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

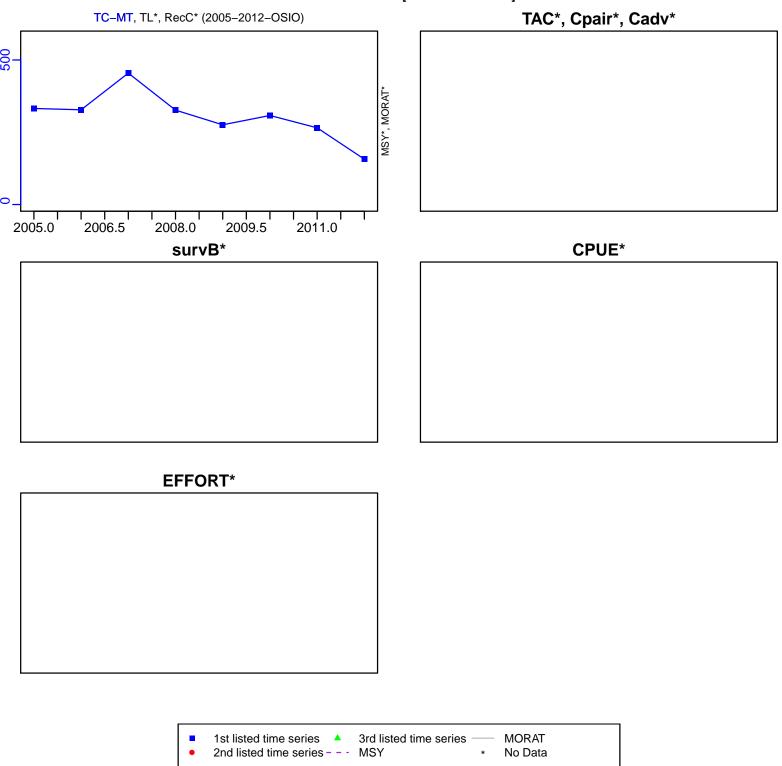
Time Series					
Туре	ID	ID Asmt Year Curr Value			
ТВ	-	-	-	-	-
SSB	SSB-MT	2012	94	-	1+
TN	-	-	-	-	-
R	R-E00	2012	26,600,000	-	-
F	F-1/yr	2012	1	-	-
ER	ER-calc-ratio	2012	1	-	-
TC	TC-MT	2012	136		
TL	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	F-1/yr/Fmgt-1/yr	2012	9.55		
ER/ERmgt	-	-	-		



Red mullet Sardinia [RMULLMEDGSA11]



Red mullet Sardinia [RMULLMEDGSA11]

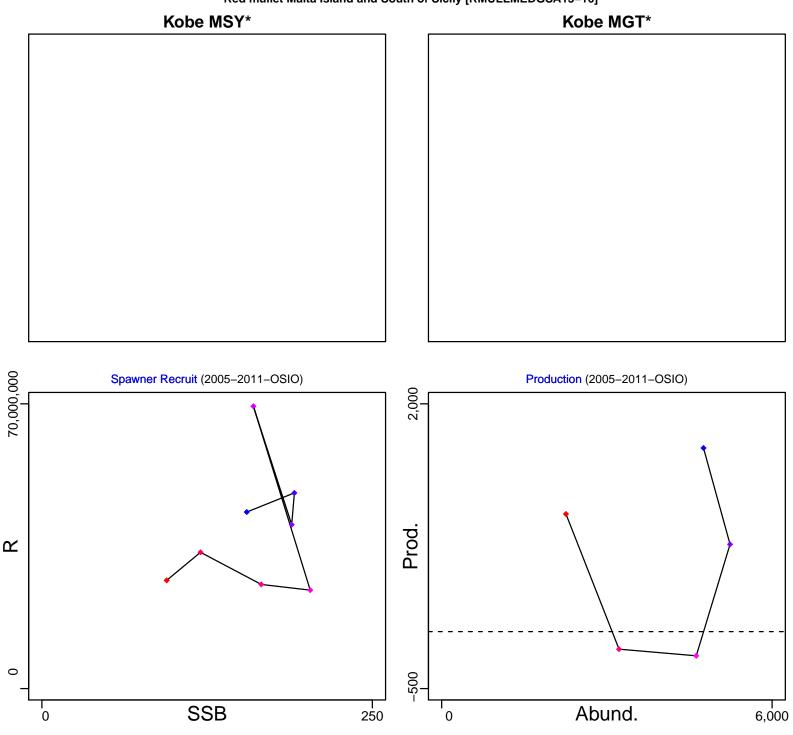


Red mullet Malta Island and South of Sicily [RMULLMEDGSA15-16]

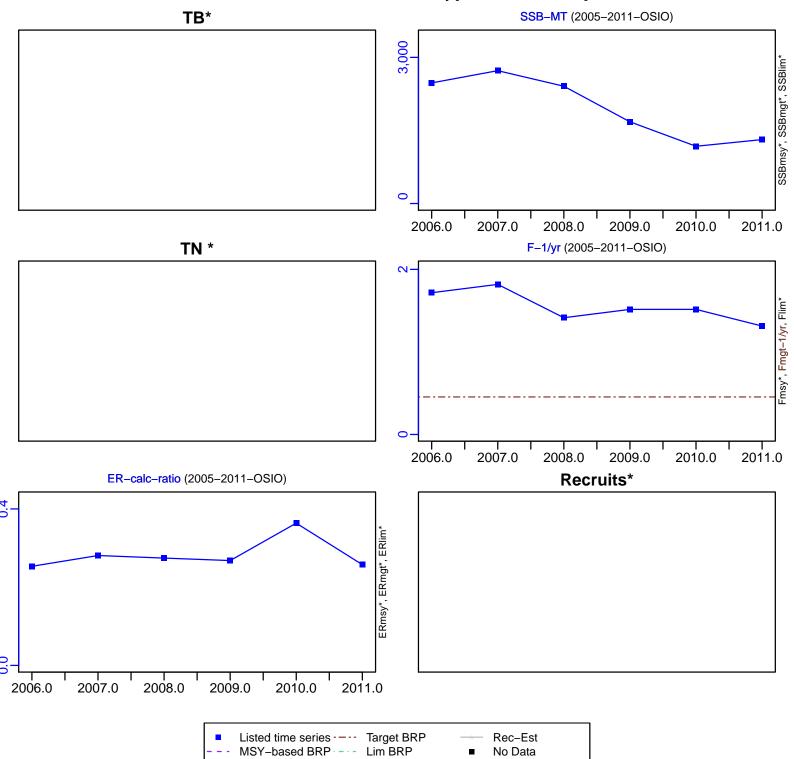
Metadata		
Scientific Name	Mullus barbatus	
Current Assess ID	STECF-RMULLMEDGSA15-16-2005-2011-OSIO	
Area	Malta Island and South of Sicily (GSA 15, 16)	
Management Authority	General Fisheries Council for the Mediterranean, DG MARE, and national states	
Assessor	Scientific, Technical and Economic Committee for Fisheries	
Asmts in RAM	2011	

Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	-	-	-	
Fmsy	-	-	-	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	Fmgt-1/yr	2011	0.45	
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	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		



Red mullet Malta Island and South of Sicily [RMULLMEDGSA15-16]



Red mullet Malta Island and South of Sicily [RMULLMEDGSA15-16]

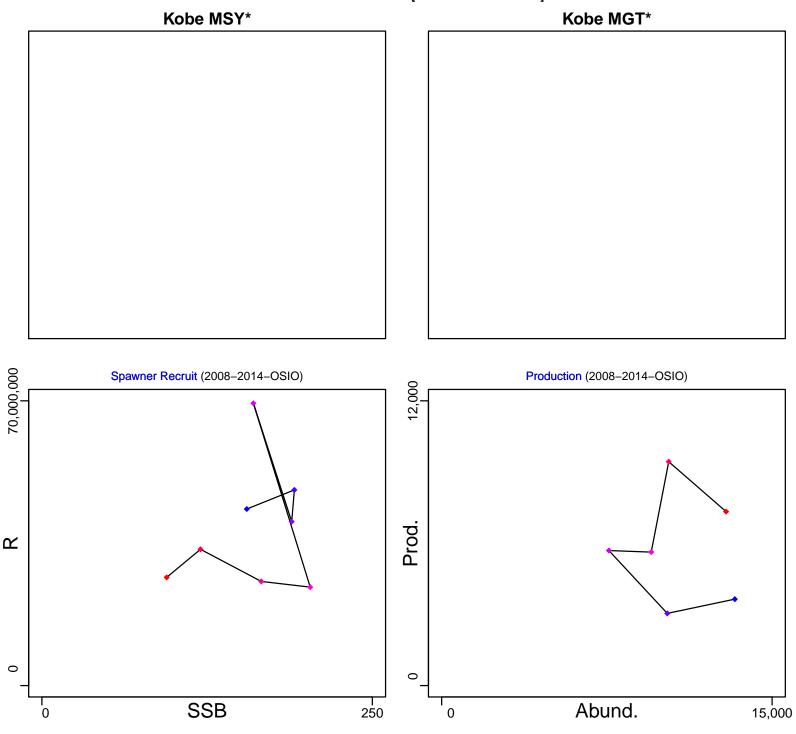
TC*, TL*, RecC*	TAC*, Cpair*, Cadv*
survB*	CPUE*
EFFORT*	
LITORI	
 1st listed time series A 3rd 2nd listed time series MS* 	listed time series — MORAT Y * No Data

Red mullet Adriatic Sea [RMULLMEDGSA17-18]

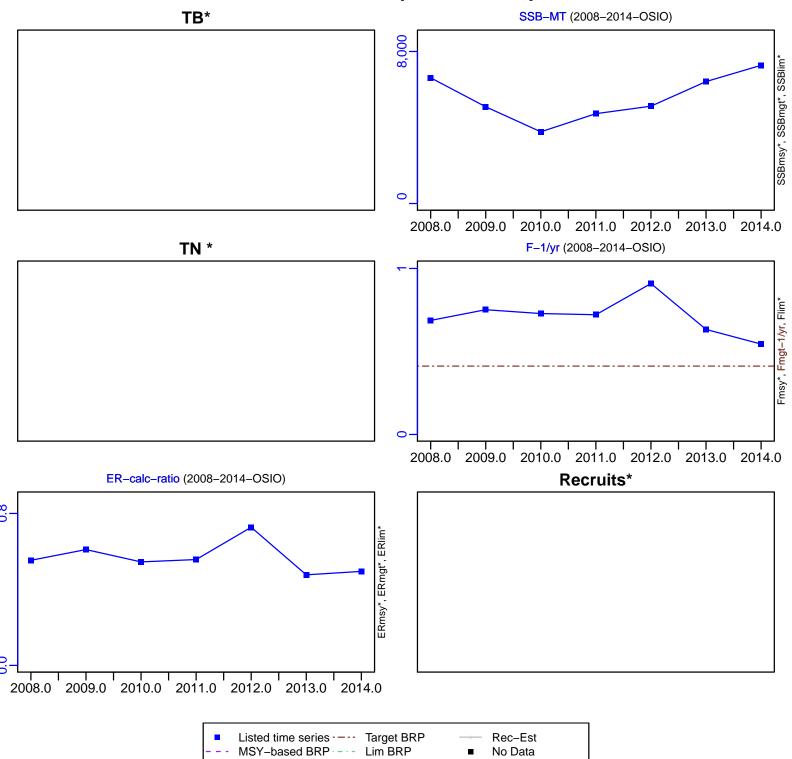
Metadata		
Scientific Name	Mullus barbatus	
Current Assess ID	STECF-RMULLMEDGSA17-18-2008-2014-OSIO	
Area	Adriatic Sea (GSA 17,18)	
Management Authority	General Fisheries Council for the Mediterranean, DG MARE, and national states	
Assessor	Scientific, Technical and Economic Committee for Fisheries	
Asmts in RAM	2014	

Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	-	-	-	
Fmsy	-	-	-	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	Fmgt-1/yr	2014	0.41	
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	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		



Red mullet Adriatic Sea [RMULLMEDGSA17-18]



Red mullet Adriatic Sea [RMULLMEDGSA17-18]

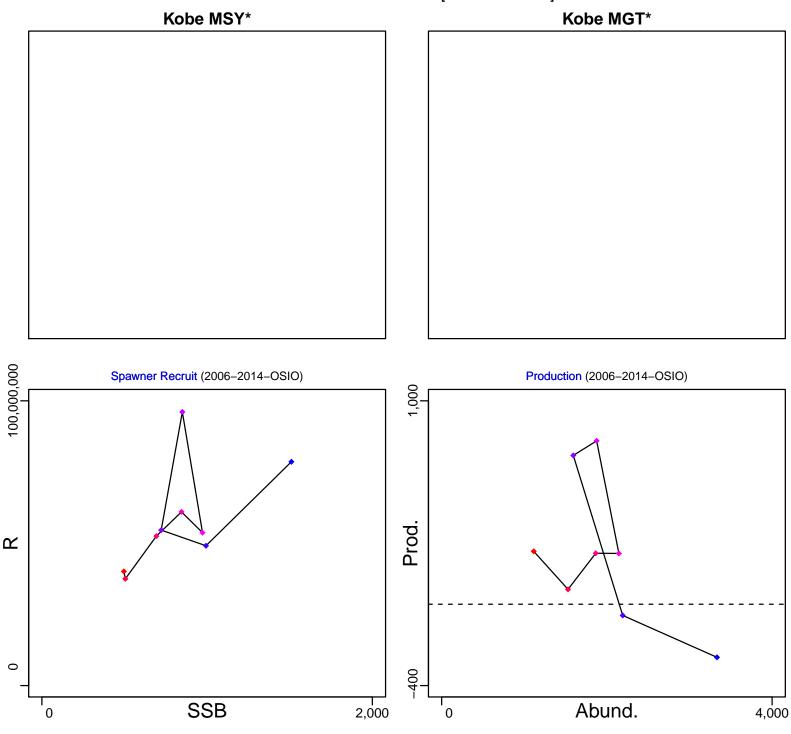
TC*, TL*, RecC*	TAC*, Cpair*, Cadv*
survB*	CPUE*
EFFORT*	1
	I
 1st listed time series 2nd listed time series MS 	listed time series — MORAT Y * No Data

Red mullet Western Ionian Sea [RMULLMEDGSA19]

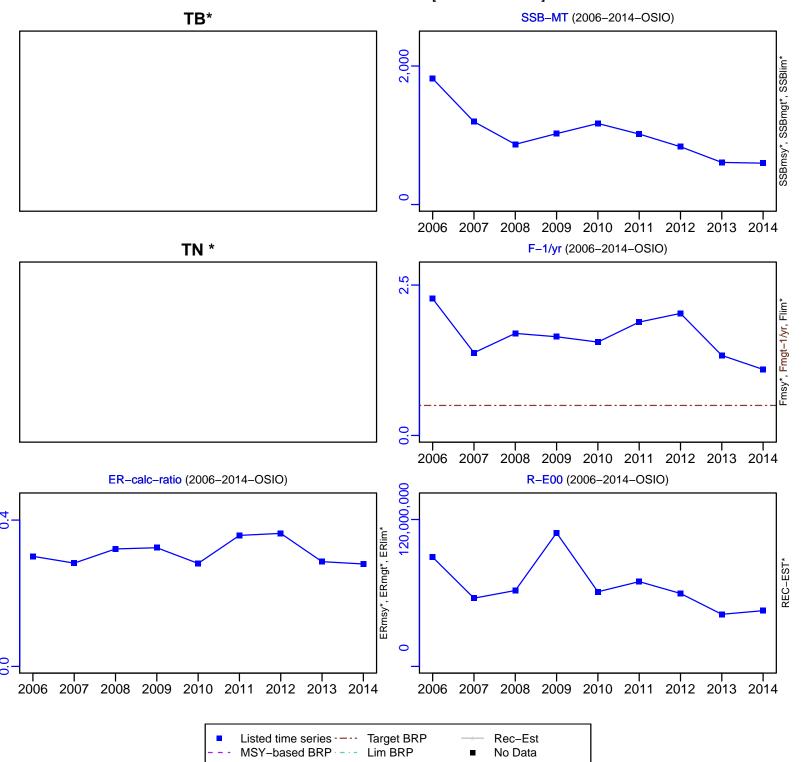
Metadata		
Scientific Name	Mullus barbatus	
Current Assess ID	STECF-RMULLMEDGSA19-2006-2014-OSIO	
Area	Western Ionian Sea	
Management Authority	General Fisheries Council for the Mediterranean, DG MARE, and national states	
Assessor	Scientific, Technical and Economic Committee for Fisheries	
Asmts in RAM	2014	

Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	-	-	-	
Fmsy	-	-	-	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	Fmgt-1/yr	2014	0.45	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	-	-	-	
MSY	-	-	-	
M	-	-	-	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

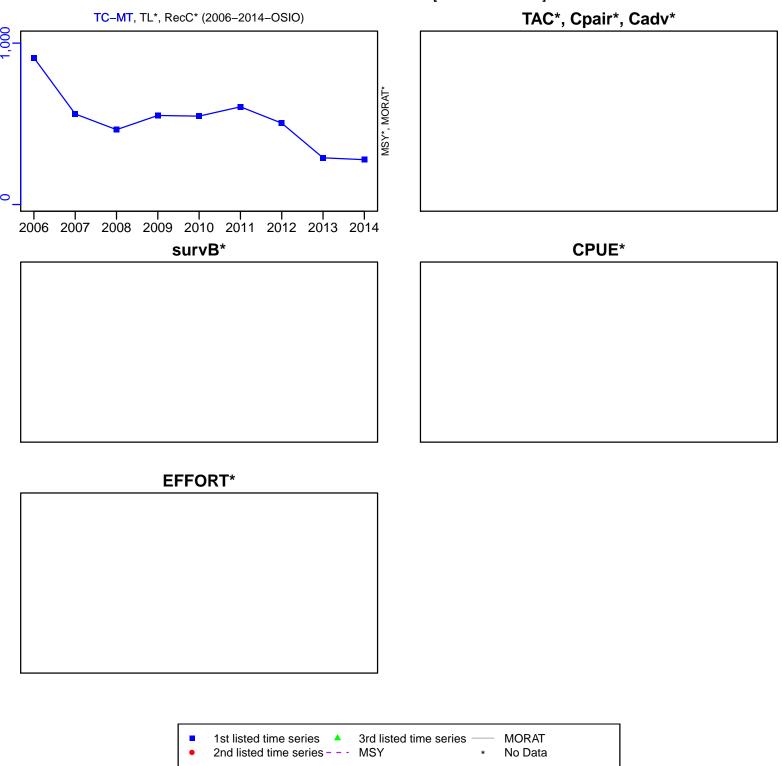
Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	-	-	-	-	-
SSB	SSB-MT	2014	496	-	1+
TN	-	-	-	-	-
R	R-E00	2014	40,100,000	-	-
F	F-1/yr	2014	1	-	-
ER	ER-calc-ratio	2014	0	-	-
TC	TC-MT	2014	269		
TL	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	F-1/yr/Fmgt-1/yr	2014	2.2		
ER/ERmgt	-	-	-		



Red mullet Western Ionian Sea [RMULLMEDGSA19]



Red mullet Western Ionian Sea [RMULLMEDGSA19]

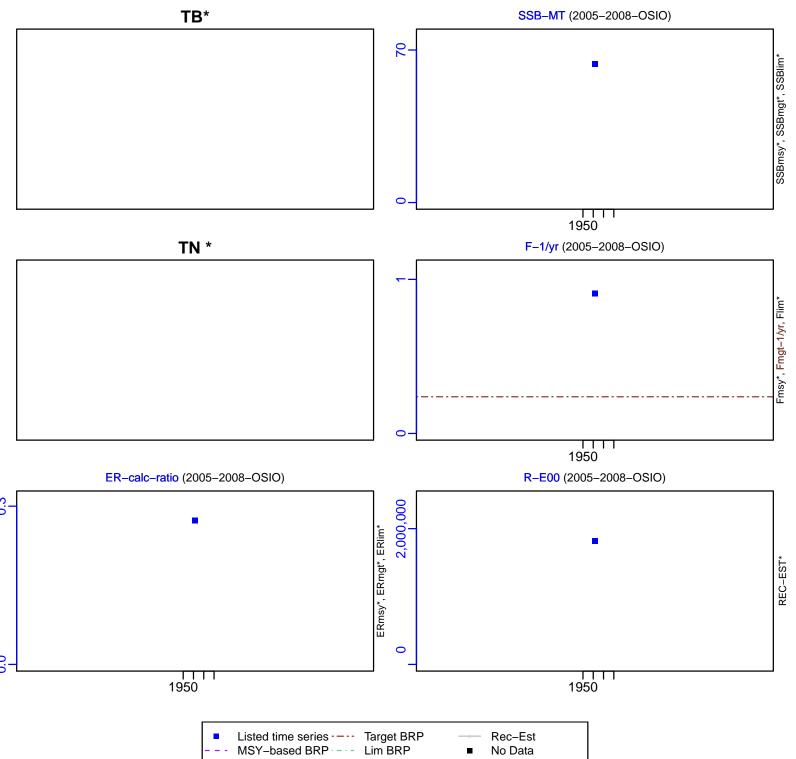


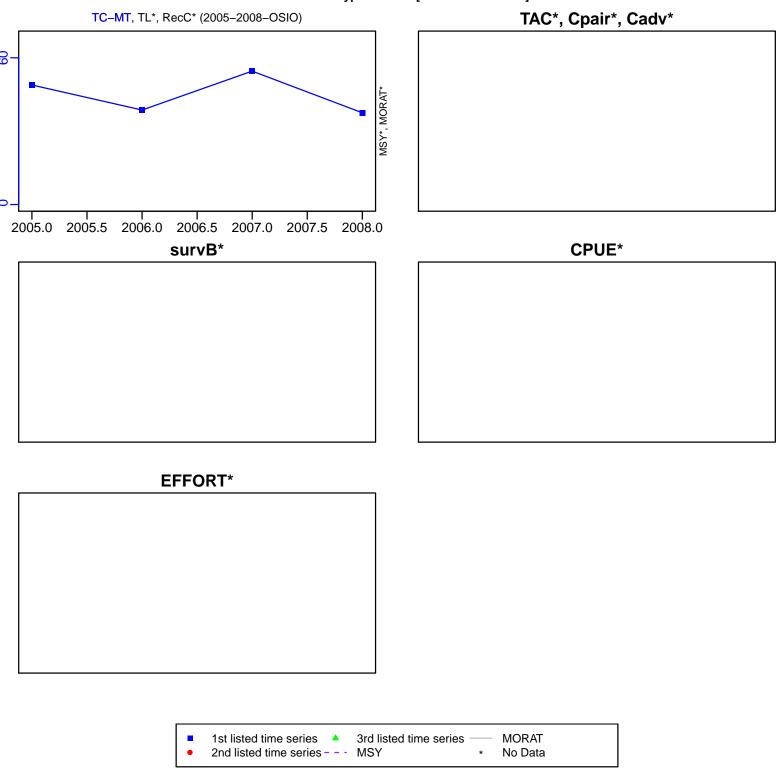
Metadata			
Scientific Name	Mullus barbatus		
Current Assess ID	STECF-RMULLMEDGSA25-2005-2008-OSIO		
Area Cyprus Island			
Management Authority	General Fisheries Council for the Mediterranean, DG MARE, and national states		
Assessor	Scientific, Technical and Economic Committee for Fisheries		
Asmts in RAM	2008		

Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	-	-	-	
Fmsy	-	-	-	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	Fmgt-1/yr	2008	0.22	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	-	-	-	
MSY	-	-	-	
М	-	-	-	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	-	-	-	-	-
SSB	SSB-MT	2008	58	-	-
TN	-	-	-	-	-
R	R-E00	2008	1,480,000	-	-
F	F-1/yr	2008	1	-	-
ER	ER-calc-ratio	2008	0	-	-
TC	TC-MT	2008	33		
TL	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	F-1/yr/Fmgt-1/yr	2008	3.82		
ER/ERmgt	-	-	-		

Kobe MGT*
Production*



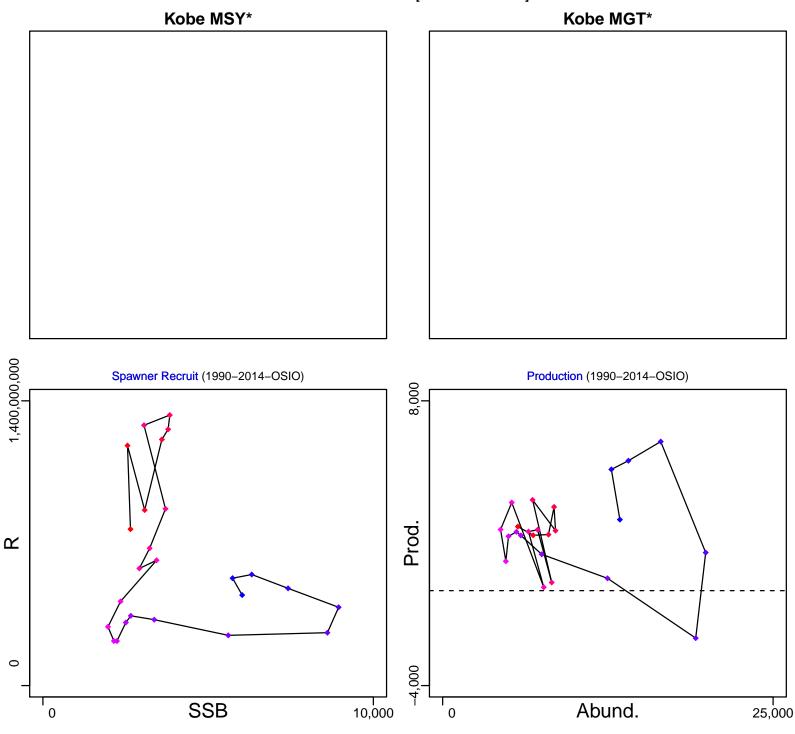


Red mullet Black Sea [RMULLMEDGSA29]

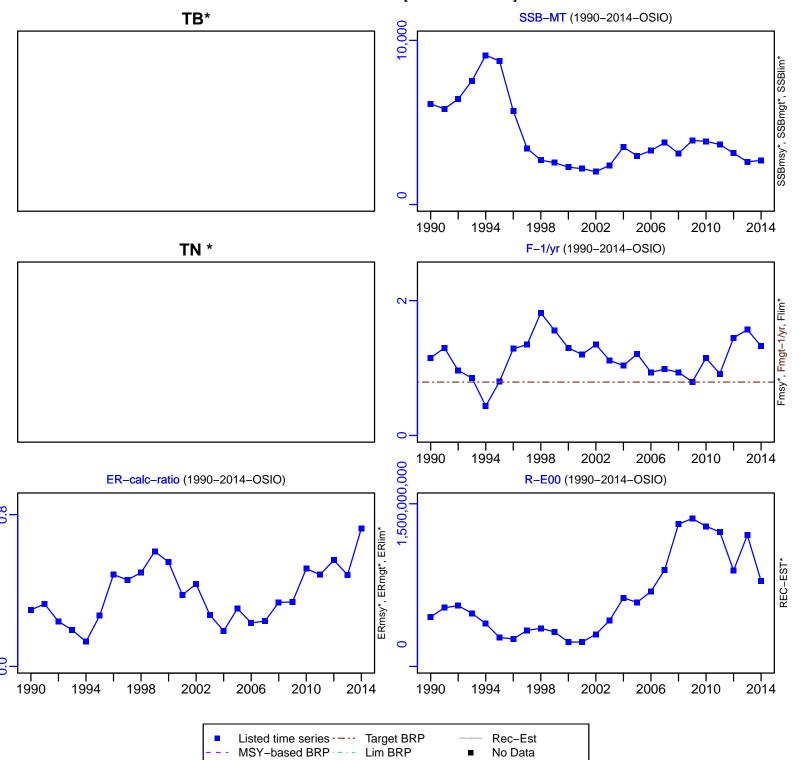
Metadata			
Scientific Name	Mullus barbatus		
Current Assess ID	STECF-RMULLMEDGSA29-1990-2014-OSIO		
Area Black Sea			
Management Authority	General Fisheries Council for the Mediterranean, DG MARE, and national states		
Assessor	Scientific, Technical and Economic Committee for Fisheries		
Asmts in RAM	2014		

Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	-	-	-	
Fmsy	-	-	-	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	Fmgt-1/yr	2014	0.64	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	-	-	-	
MSY	-	-	-	
M	-	-	-	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

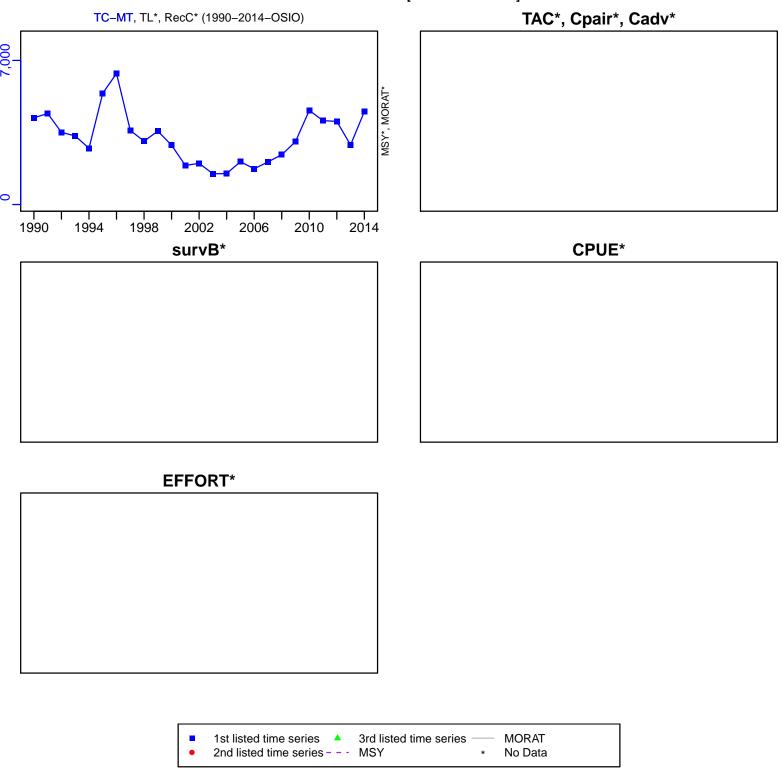
Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	-	-	-	-	-
SSB	SSB-MT	2014	2650	-	1+
TN	-	-	-	-	-
R	R-E00	2014	7.69×10^{8}	-	-
F	F-1/yr	2014	1	-	-
ER	ER-calc-ratio	2014	1	-	-
TC	TC-MT	2014	3900		
TL	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	F-1/yr/Fmgt-1/yr	2014	1.67		
ER/ERmgt	-	-	-		



Red mullet Black Sea [RMULLMEDGSA29]



Red mullet Black Sea [RMULLMEDGSA29]

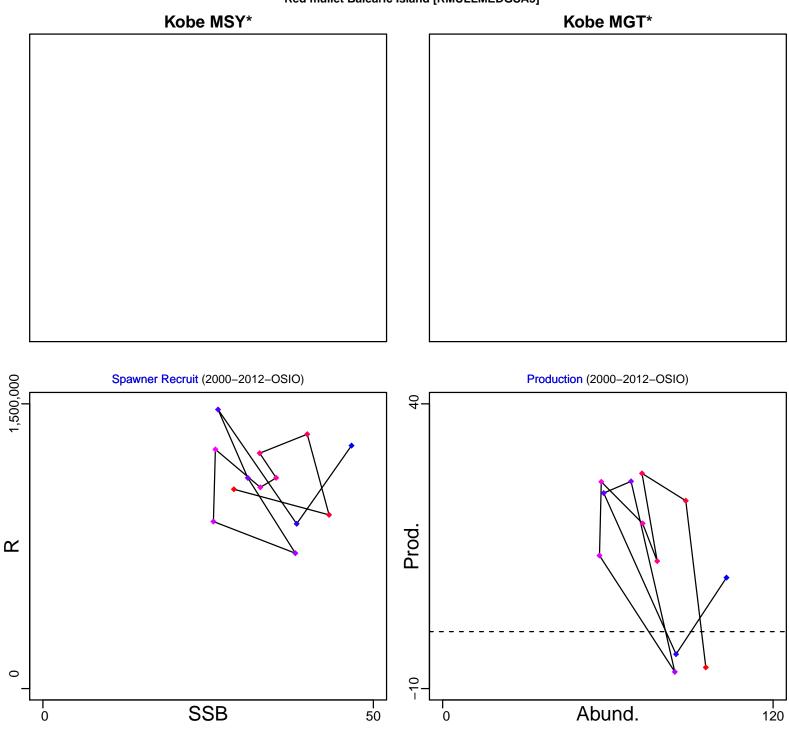


Red mullet Balearic Island [RMULLMEDGSA5]

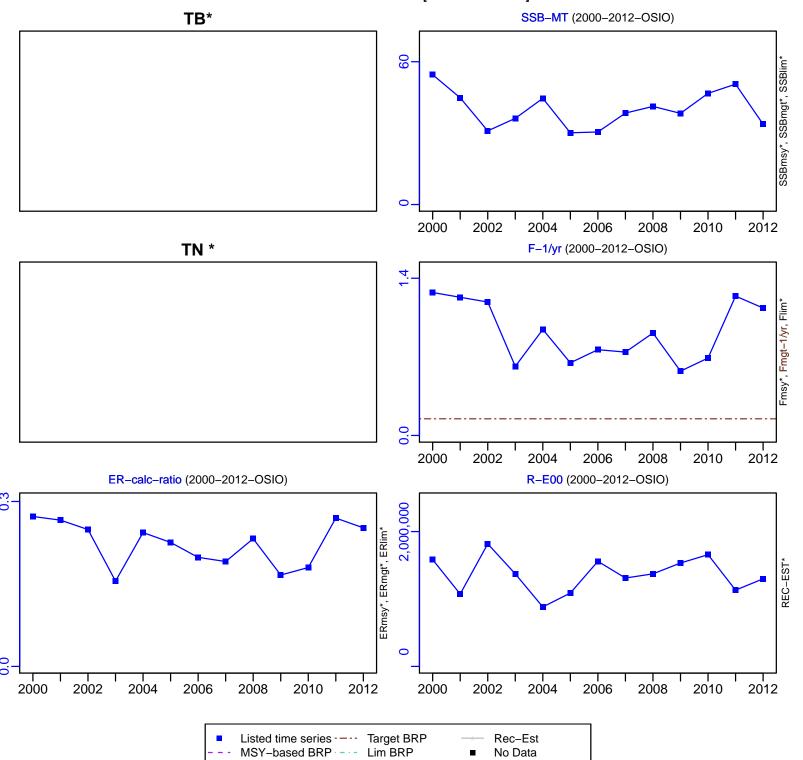
Metadata			
Scientific Name	Mullus barbatus		
Current Assess ID STECF-RMULLMEDGSA5-2000-2012-OSIO			
Area Balearic Island			
Management Authority	General Fisheries Council for the Mediterranean, DG MARE, and national states		
Assessor Scientific, Technical and Economic Committee for Fisheries			
Asmts in RAM	2012		

Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	-	-	-	
Fmsy	-	-	-	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	Fmgt-1/yr	2012	0.14	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	-	-	-	
MSY	-	-	-	
М	-	-	-	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

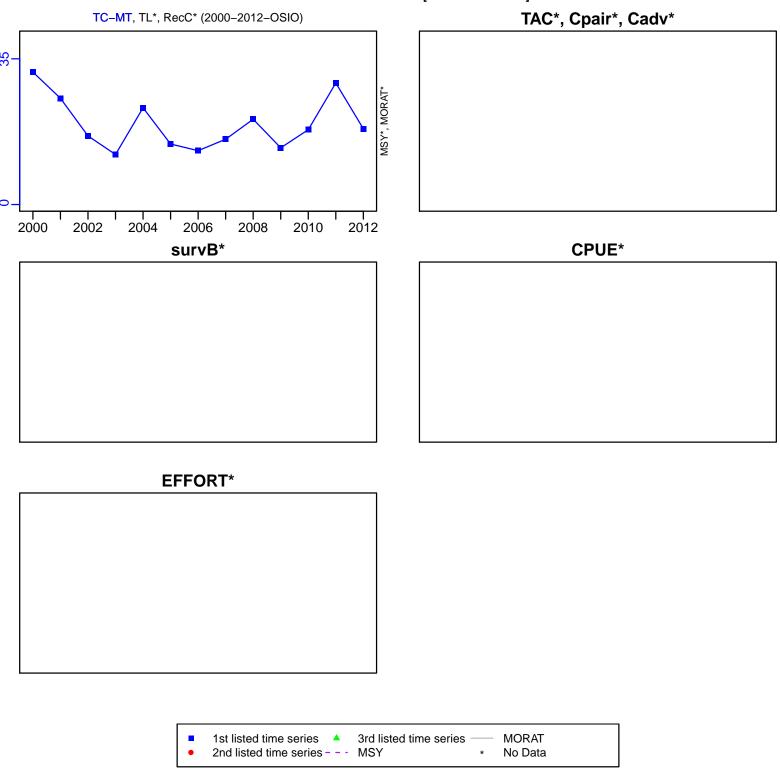
Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	-	-	-	-	-
SSB	SSB-MT	2012	29	-	1+
TN	-	-	-	-	-
R	R-E00	2012	1,050,000	-	-
F	F-1/yr	2012	1	-	-
ER	ER-calc-ratio	2012	0	-	-
TC	TC-MT	2012	15.9		•
TL	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	F-1/yr/Fmgt-1/yr	2012	7.64		
ER/ERmgt	-	-	-		



Red mullet Balearic Island [RMULLMEDGSA5]



Red mullet Balearic Island [RMULLMEDGSA5]

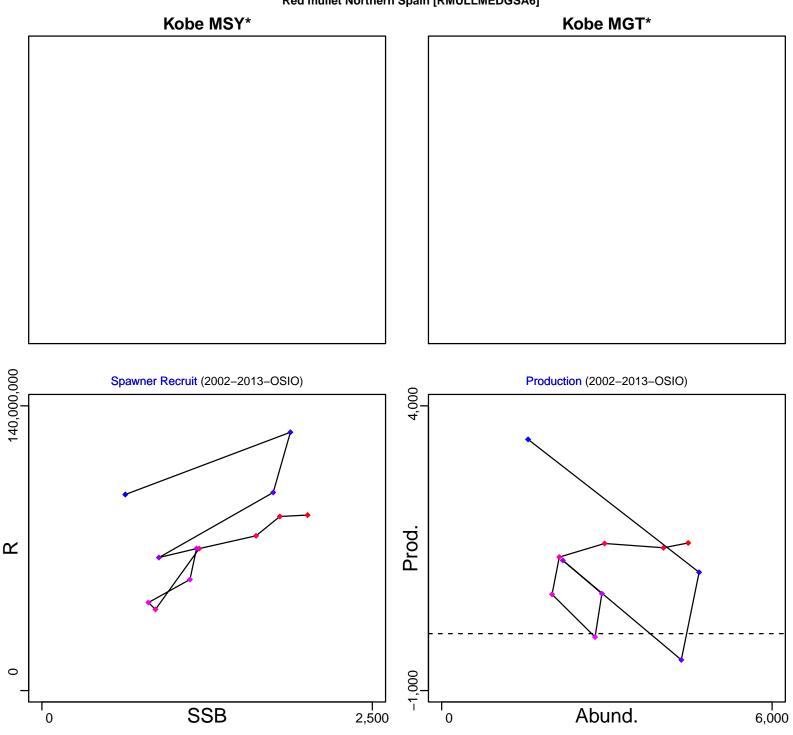


Red mullet Northern Spain [RMULLMEDGSA6]

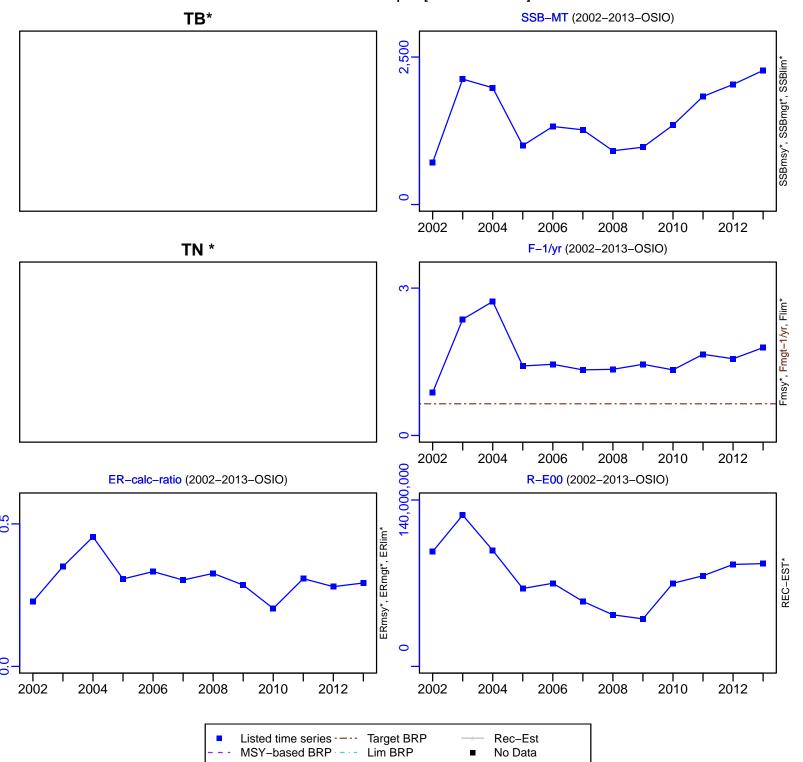
Metadata			
Scientific Name	Mullus barbatus		
Current Assess ID	STECF-RMULLMEDGSA6-2002-2013-OSIO		
Area	Northern Spain		
Management Authority	General Fisheries Council for the Mediterranean, DG MARE, and national states		
Assessor	Scientific, Technical and Economic Committee for Fisheries		
Asmts in RAM	2013		

Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	-	-	-	
Fmsy	-	-	-	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	Fmgt-1/yr	2013	0.57	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	-	-	-	
MSY	-	-	-	
М	-	-	-	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

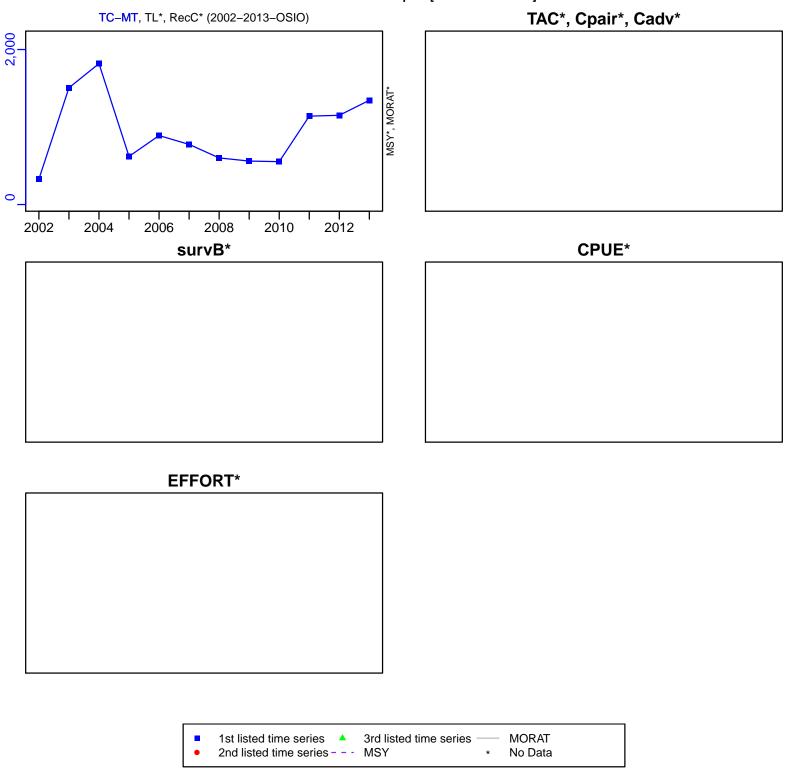
Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	-	-	-	-	-
SSB	SSB-MT	2013	2010	-	-
TN	-	-	-	-	-
R	R-E00	2013	86,300,000	-	-
F	F-1/yr	2013	2	-	-
ER	ER-calc-ratio	2013	0	-	-
TC	TC-MT	2013	1250		
TL	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	F-1/yr/Fmgt-1/yr	2013	2.77		
ER/ERmgt	-	-	-		



Red mullet Northern Spain [RMULLMEDGSA6]



Red mullet Northern Spain [RMULLMEDGSA6]

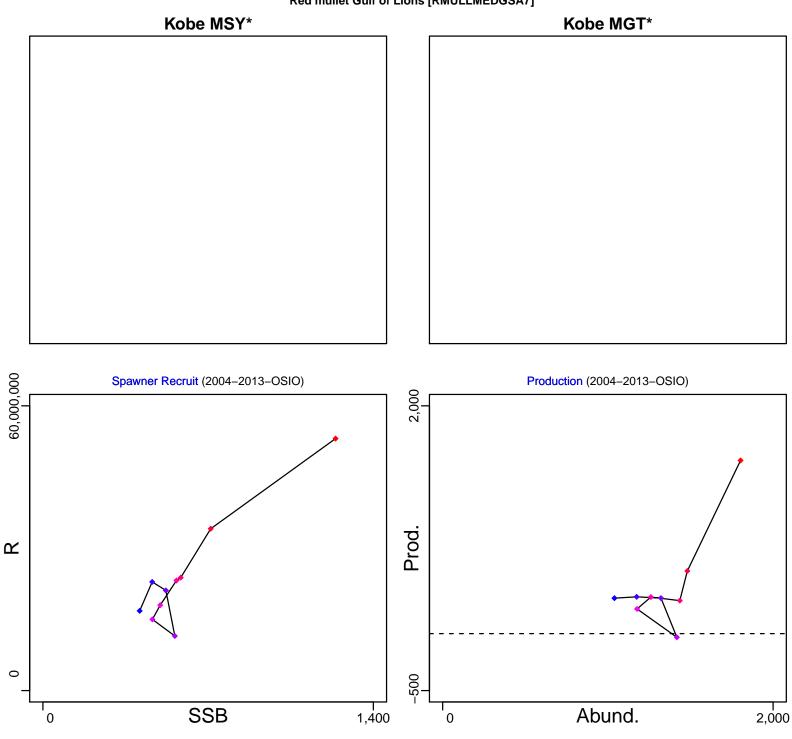


Red mullet Gulf of Lions [RMULLMEDGSA7]

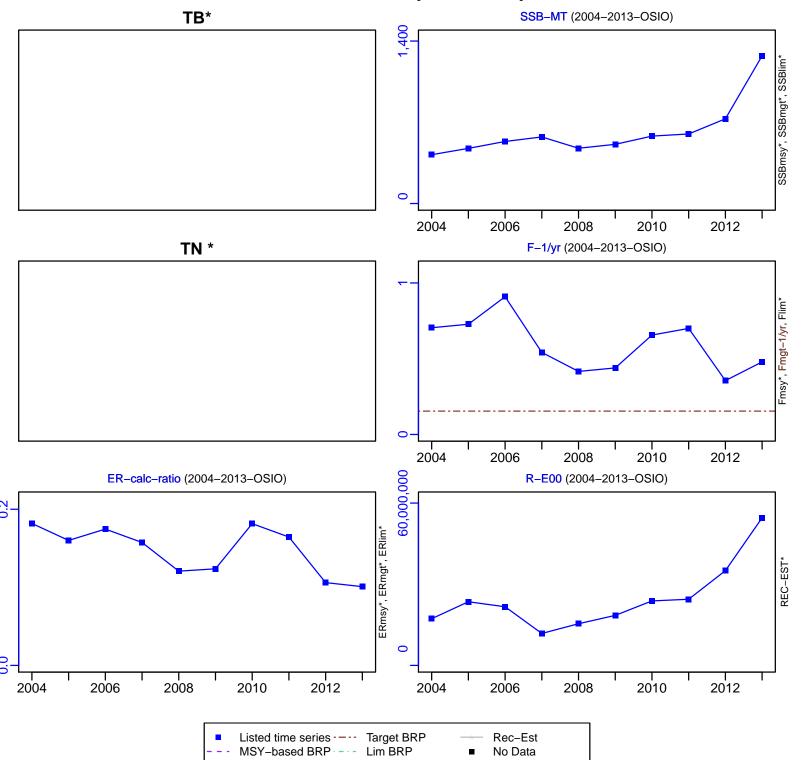
Metadata				
Scientific Name	Mullus barbatus			
Current Assess ID	STECF-RMULLMEDGSA7-2004-2013-OSIO			
Area	Gulf of Lions			
Management Authority	General Fisheries Council for the Mediterranean, DG MARE, and national states			
Assessor	Scientific, Technical and Economic Committee for Fisheries			
Asmts in RAM	2013			

Reference Points				
Туре	ID	D Asmt Year \		
TBmsy	-	-	-	
SSBmsy	-	-	-	
Fmsy	-	-	-	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	Fmgt-1/yr	2013	0.14	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	-	-	-	
MSY	-	-	-	
M	-	-	-	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

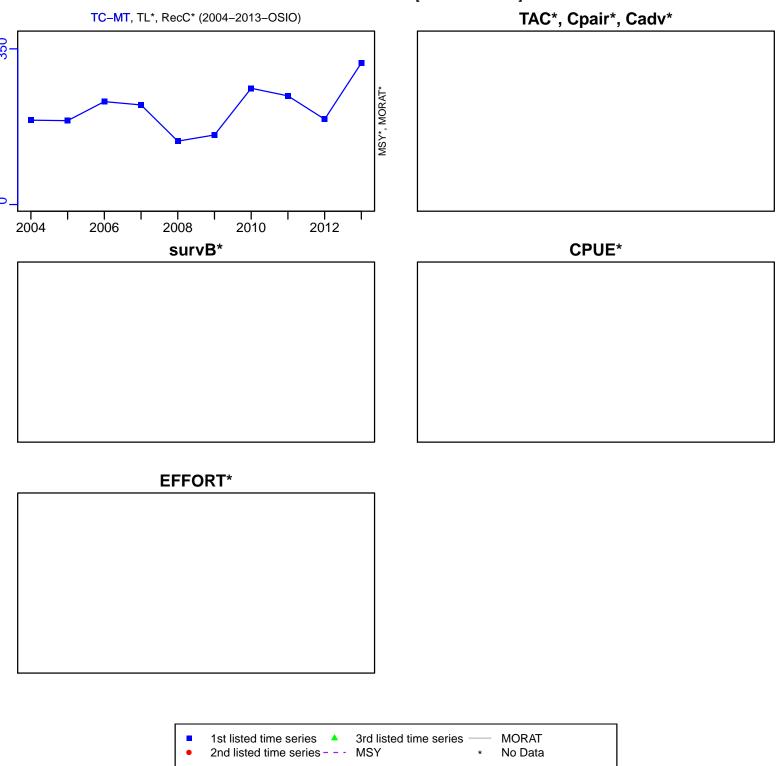
Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	-	-	-	-	-
SSB	SSB-MT	2013	1240	-	-
TN	-	-	-	-	-
R	R-E00	2013	53,100,000	-	-
F	F-1/yr	2013	0	-	-
ER	ER-calc-ratio	2013	0	-	-
TC	TC-MT	2013	297		•
TL	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	F-1/yr/Fmgt-1/yr	2013	3.11		
ER/ERmgt	-	-	-		



Red mullet Gulf of Lions [RMULLMEDGSA7]



Red mullet Gulf of Lions [RMULLMEDGSA7]

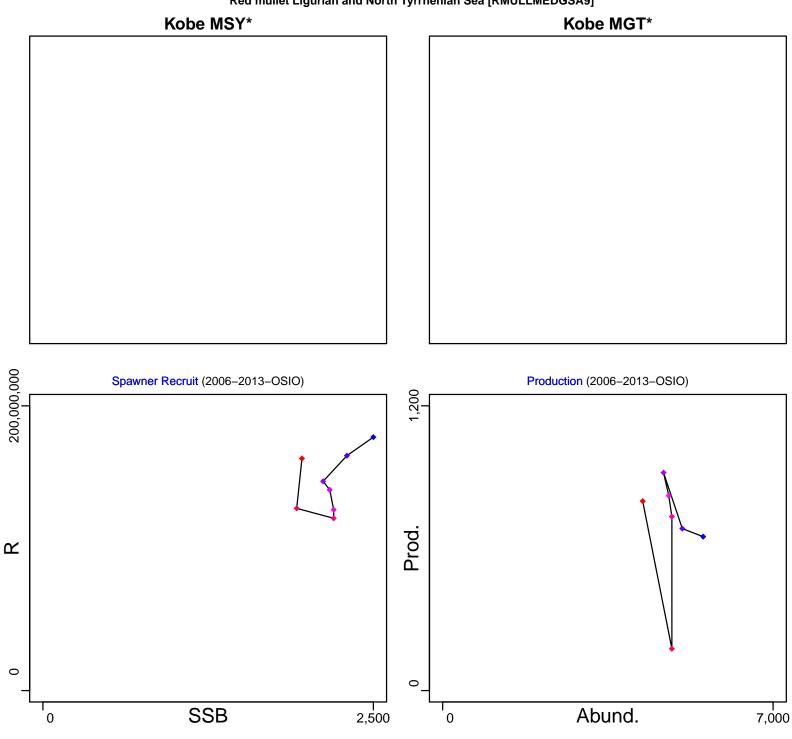


Red mullet Ligurian and North Tyrrhenian Sea [RMULLMEDGSA9]

Metadata			
Scientific Name	Mullus barbatus		
Current Assess ID STECF-RMULLMEDGSA9-2006-2013-OSIO			
Area Ligurian and North Tyrrhenian Sea			
Management Authority	General Fisheries Council for the Mediterranean, DG MARE, and national states		
Assessor Scientific, Technical and Economic Committee for Fisheries			
Asmts in RAM	2013		

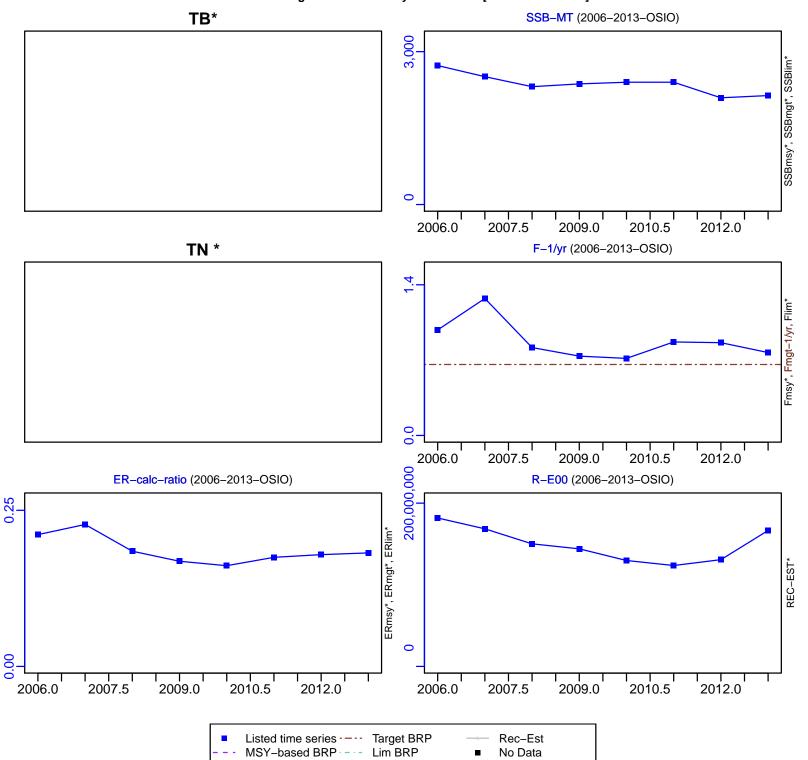
Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	-	-	-	
Fmsy	-	-	-	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	Fmgt-1/yr	2013	0.6	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	-	-	-	
MSY	-	-	-	
M	-	-	-	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	-	-	-	-	-
SSB	SSB-MT	2013	1960	-	1+
TN	-	-	-	-	-
R	R-E00	2013	1.63×10^{8}	-	-
F	F-1/yr	2013	1	-	-
ER	ER-calc-ratio	2013	0	-	-
TC	TC-MT	2013	736		•
TL	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	F-1/yr/Fmgt-1/yr	2013	1.17		
ER/ERmgt	-	-	-		

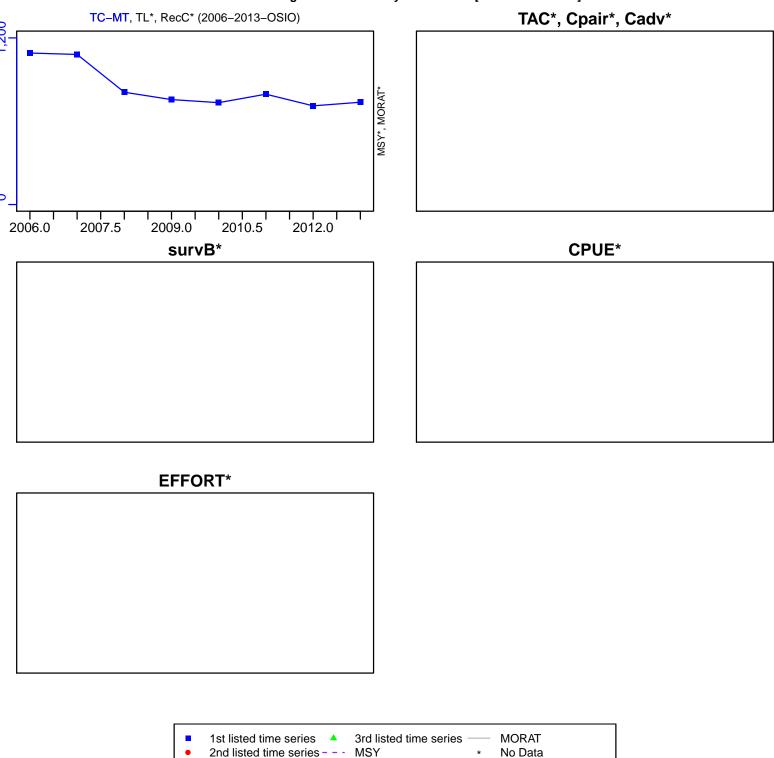


Start Year → End Year → No Data

Red mullet Ligurian and North Tyrrhenian Sea [RMULLMEDGSA9]



Red mullet Ligurian and North Tyrrhenian Sea [RMULLMEDGSA9]

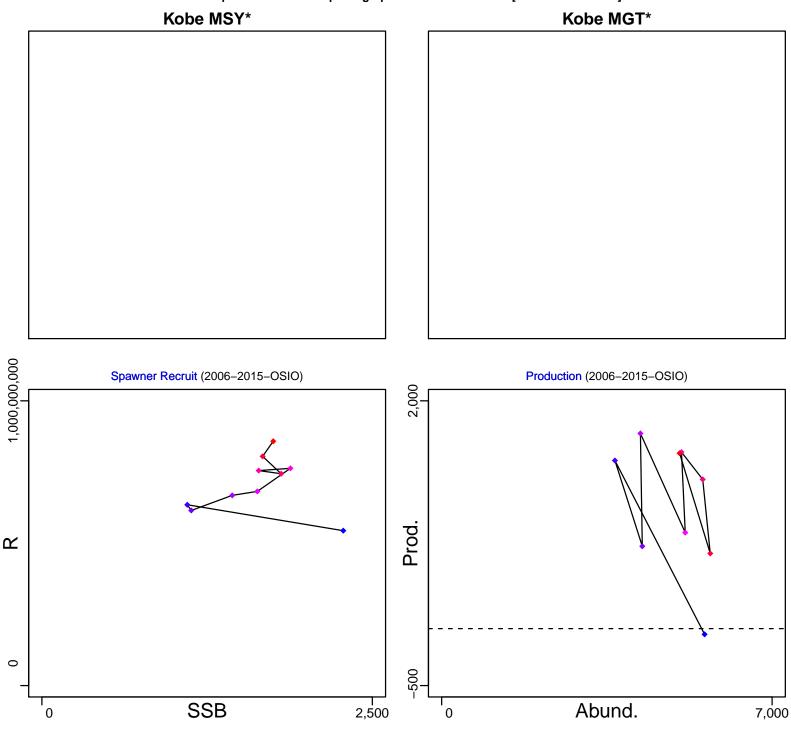


Deep-water rose shrimp Geographical Sub-Areas 9-11 [RSHRMPMEDGSA]

Metadata			
Scientific Name	Parapenaeus longirostris		
Current Assess ID	STECF-RSHRMPMEDGSA-2006-2015-OSIO		
Area Geographical Sub-Areas 9-11			
Management Authority	General Fisheries Council for the Mediterranean, DG MARE, and national states		
Assessor Scientific, Technical and Economic Committee for Fisheries			
Asmts in RAM	2015		

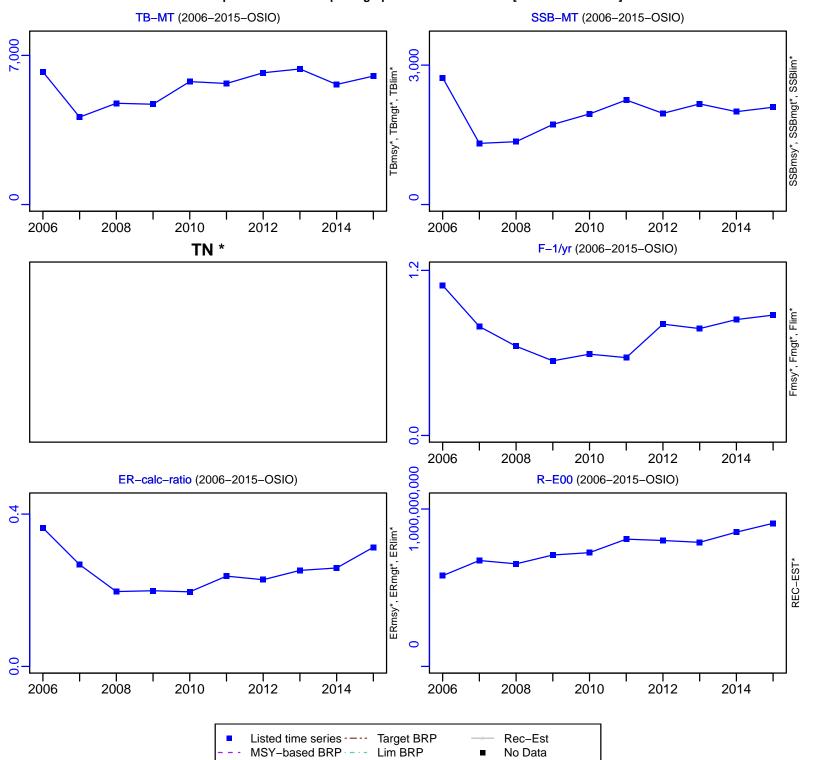
Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	-	-	-	
Fmsy	-	-	-	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	-	-	-	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	-	-	-	
MSY	-	-	-	
М	-	-	-	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

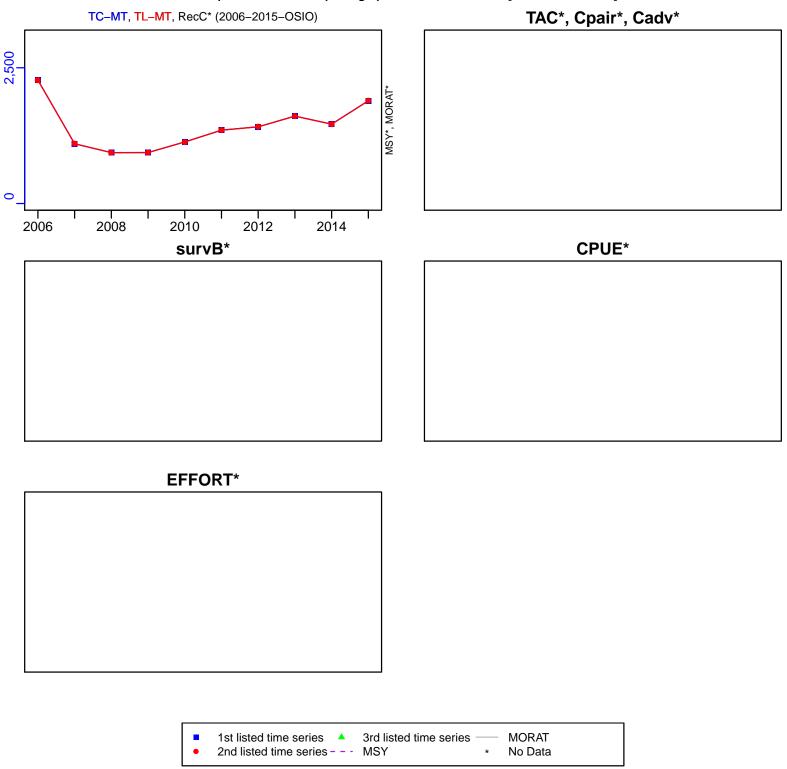
Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2015	5390	-	_
SSB	SSB-MT	2015	1750	-	-
TN	-	-	-	-	-
R	R-E00	2015	8.58×10^{8}	-	-
F	F-1/yr	2015	1	-	-
ER	ER-calc-ratio	2015	0	-	-
TC	TC-MT	2015	1540		
TL	TL-MT	2015	1540		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-]	
ER/ERmgt	-	-	-]	



Start Year • End Year * No Data

Deep-water rose shrimp Geographical Sub-Areas 9-11 [RSHRMPMEDGSA]



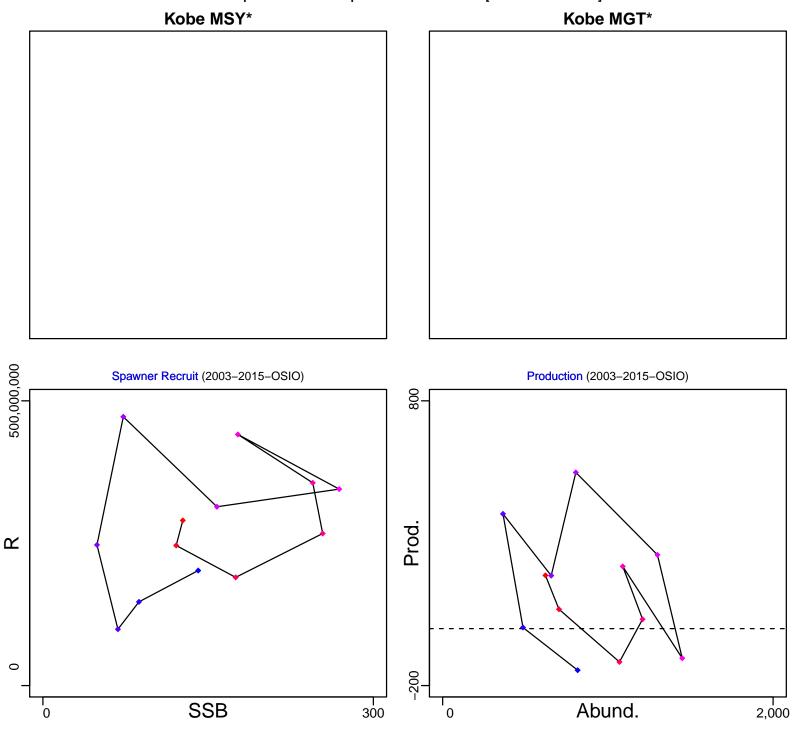


Deep-water rose shrimp Northern Alboran Sea [RSHRMPMEDGSA1]

Metadata			
Scientific Name	Parapenaeus longirostris		
Current Assess ID	STECF-RSHRMPMEDGSA1-2003-2015-OSIO		
Area Northern Alboran Sea			
Management Authority	General Fisheries Council for the Mediterranean, DG MARE, and national states		
Assessor	Scientific, Technical and Economic Committee for Fisheries		
Asmts in RAM	2012, 2015		

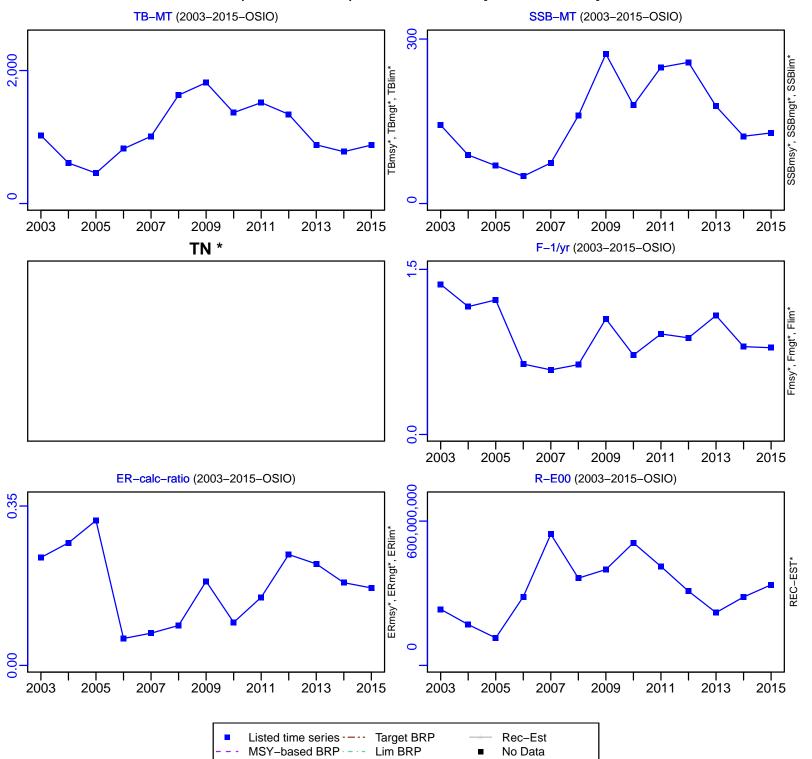
Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	-	-	-	
Fmsy	-	-	-	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	Fmgt-1/yr	2012	0.26	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	-	-	-	
MSY	-	-	-	
M	-	-	-	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

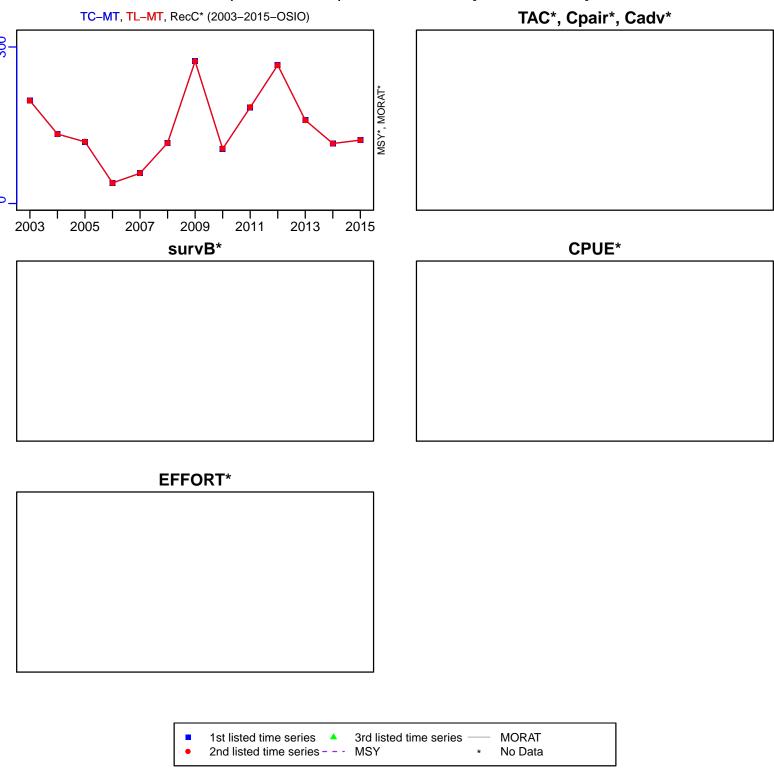
Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2015	701	-	-
SSB	SSB-MT	2015	127	-	-
TN	-	-	-	-	-
R	R-E00	2015	2.9×10^{8}	-	-
F	F-1/yr	2015	1	-	-
ER	ER-calc-ratio	2015	0	-	-
TC	TC-MT	2015	114		
TL	TL-MT	2015	114		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	F-1/yr/Fmgt-1/yr	2012	1.65		
ER/ERmgt	-	-	-		



Start Year → End Year → No Data

Deep-water rose shrimp Northern Alboran Sea [RSHRMPMEDGSA1]



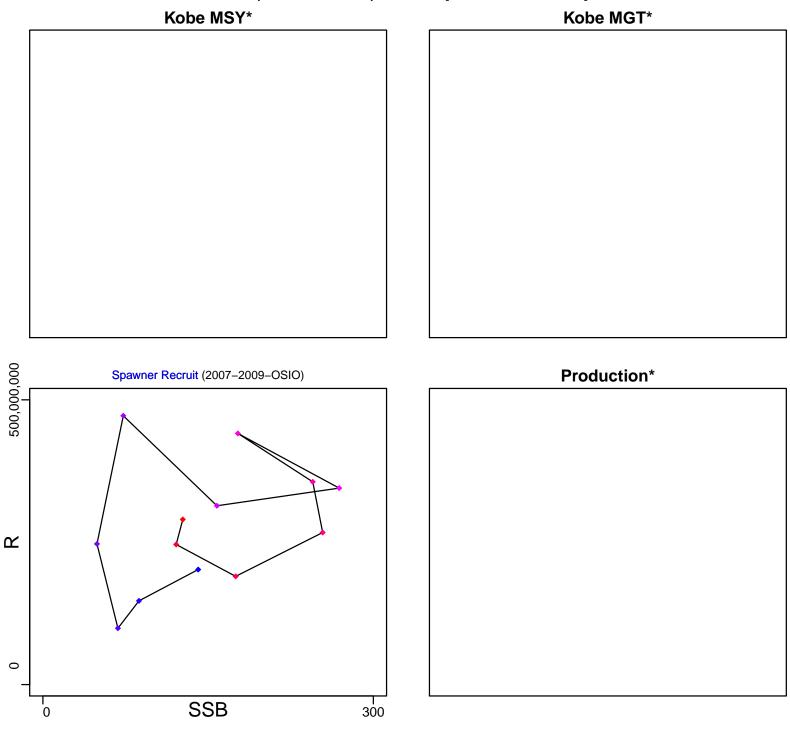


Deep-water Rose Shrimp GSA 12-16 [RSHRMPMEDGSA12-16]

Metadata			
Scientific Name	Parapenaeus longirostris		
Current Assess ID	STECF-RSHRMPMEDGSA12-16-2007-2009-OSIO		
Area Geographical Sub-Areas 12-16			
Management Authority	General Fisheries Council for the Mediterranean, DG MARE, and national states		
Assessor	Scientific, Technical and Economic Committee for Fisheries		
Asmts in RAM	2011, 2009		

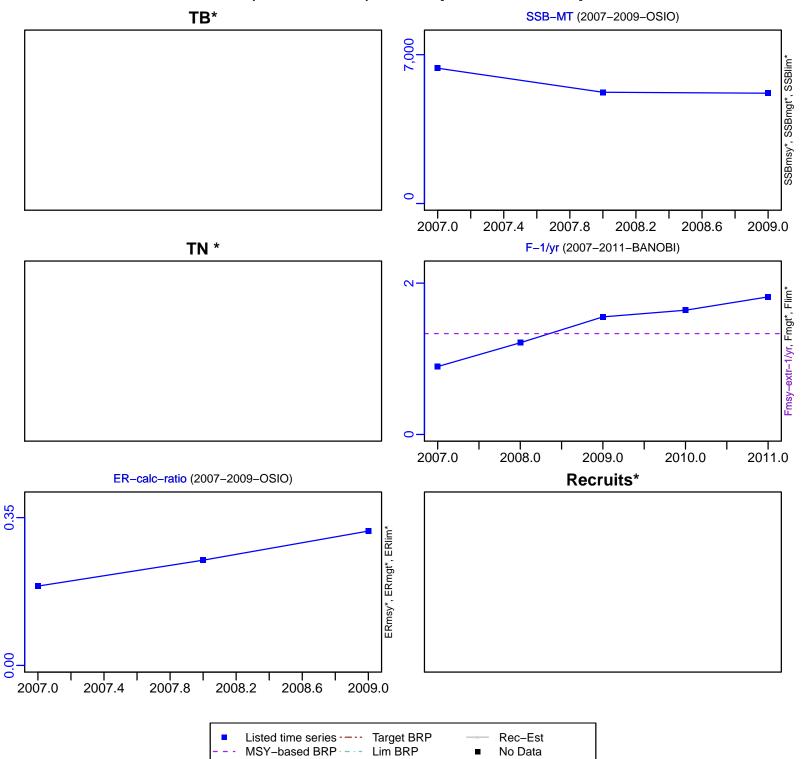
Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	-	-	-	
Fmsy	Fmsy-extr-1/yr	2011	1.21	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	Fmgt-1/yr	2009	0.9	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	-	-	-	
MSY	-	-	-	
М	M-1/yr	2011	1.05	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

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



Start Year • End Year * No Data

Deep-water Rose Shrimp GSA 12-16 [RSHRMPMEDGSA12-16]



Deep-water Rose Shrimp GSA 12-16 [RSHRMPMEDGSA12-16]

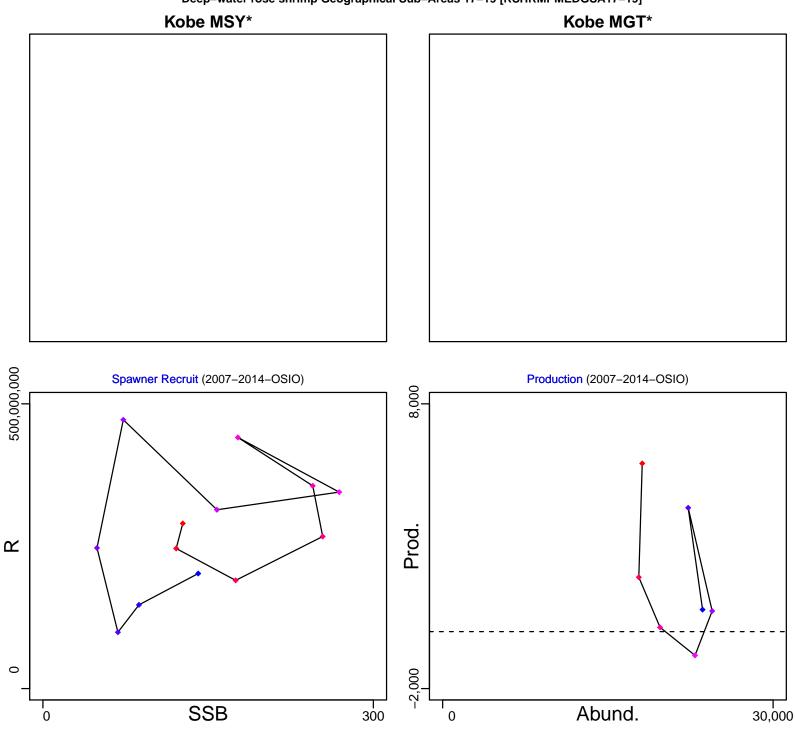
TC*, TL*, RecC*	TAC*, Cpair*, Cadv*
survB*	CPUE*
EFFORT*	
LITORI	
 1st listed time series A 3rd 2nd listed time series MS* 	listed time series — MORAT Y * No Data

Deep-water rose shrimp Geographical Sub-Areas 17-19 [RSHRMPMEDGSA17-19]

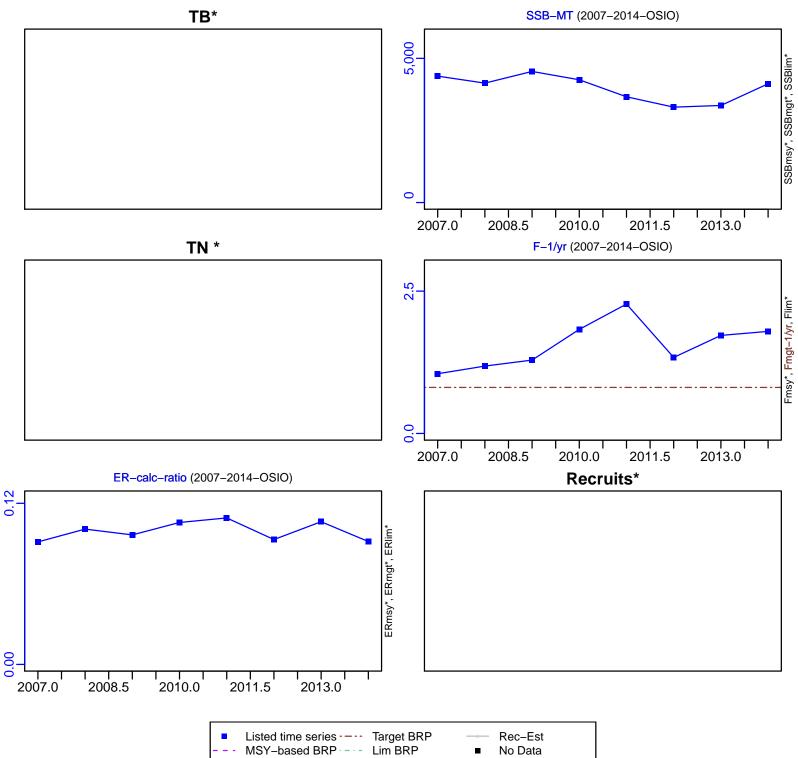
Metadata		
Scientific Name	Parapenaeus longirostris	
Current Assess ID	STECF-RSHRMPMEDGSA17-19-2007-2014-OSIO	
Area Geographical Sub-Areas 17-19		
Management Authority	General Fisheries Council for the Mediterranean, DG MARE, and national states	
Assessor	Scientific, Technical and Economic Committee for Fisheries	
Asmts in RAM	2014	

Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	-	-	-	
Fmsy	-	-	-	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	Fmgt-1/yr	2014	0.69	
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	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		



Start Year → End Year → No Data



Deep-water rose shrimp Geographical Sub-Areas 17-19 [RSHRMPMEDGSA17-19]

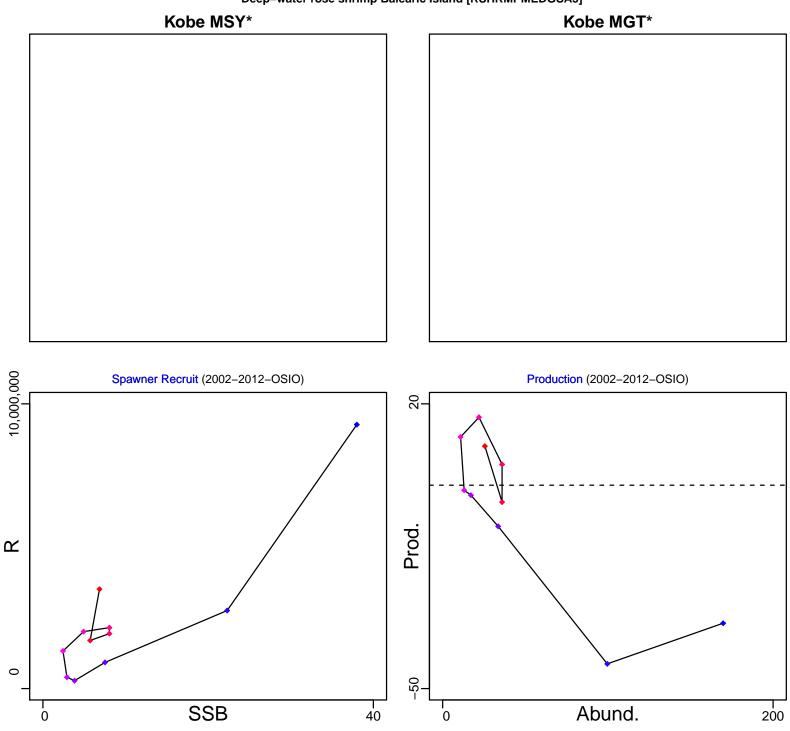
TC*, TL*, RecC*	TAC*, Cpair*, Cadv*
survB*	CPUE*
EFFORT*	
 1st listed time series A 3rd 2nd listed time series MS 	listed time series — MORAT Y * No Data

Deep-water rose shrimp Balearic Island [RSHRMPMEDGSA5]

Metadata		
Scientific Name Parapenaeus longirostris		
Current Assess ID	ess ID STECF-RSHRMPMEDGSA5-2002-2012-OSIO	
Area Balearic Island		
Management Authority	General Fisheries Council for the Mediterranean, DG MARE, and national states	
Assessor	Scientific, Technical and Economic Committee for Fisheries	
Asmts in RAM	2012	

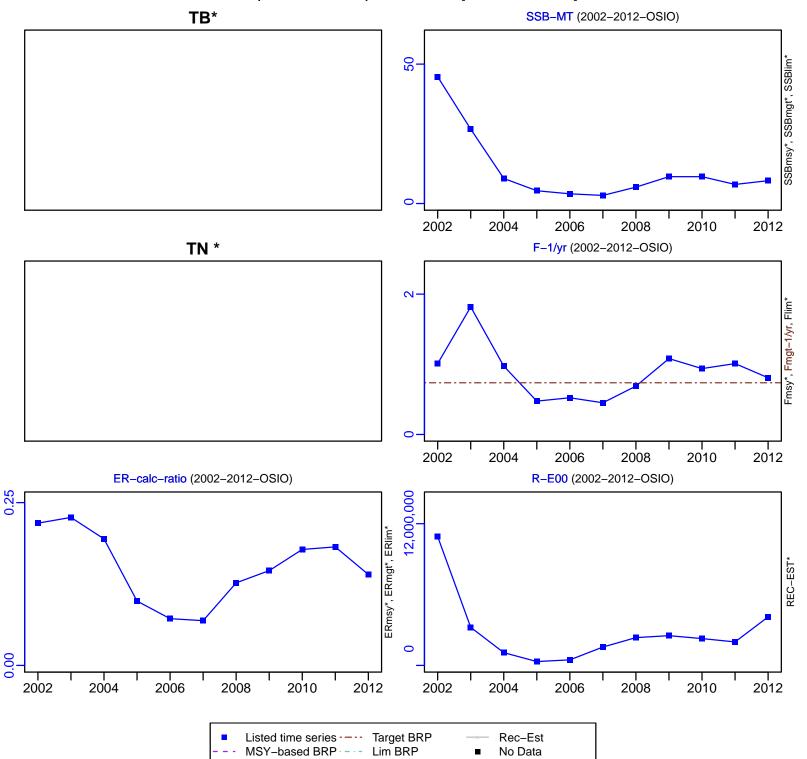
Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	-	-	-	
Fmsy	-	-	-	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	Fmgt-1/yr	2012	0.62	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	-	-	-	
MSY	-	-	-	
М	-	-	-	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	-	-	-	-	-
SSB	SSB-MT	2012	7	-	1+
TN	-	-	-	-	-
R	R-E00	2012	3,490,000	-	-
F	F-1/yr	2012	1	-	-
ER	ER-calc-ratio	2012	0	-	-
TC	TC-MT	2012	4.17		
TL	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	F-1/yr/Fmgt-1/yr	2012	1.1		
ER/ERmgt	-	-	-		

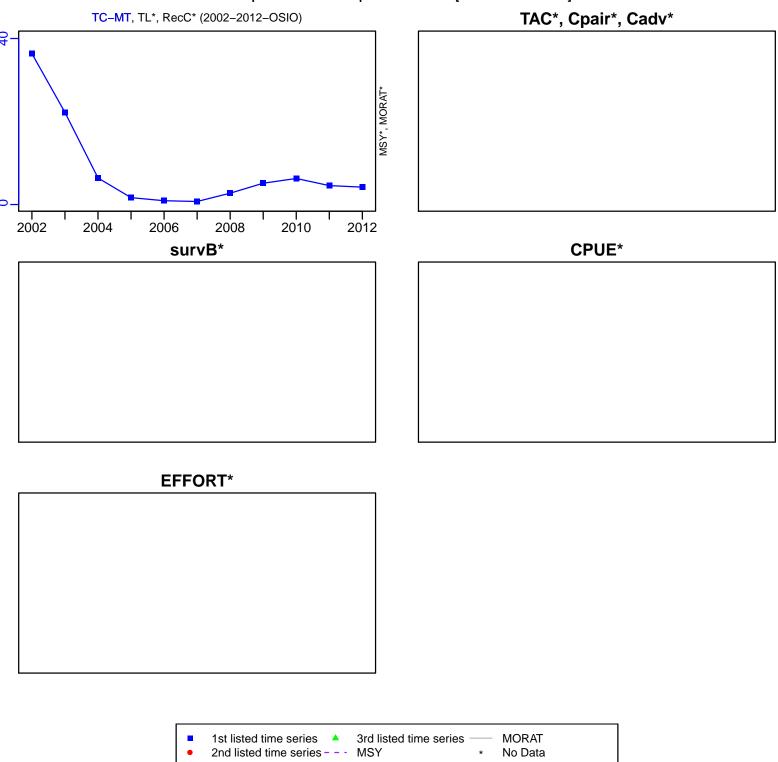


Start Year → End Year → No Data

Deep-water rose shrimp Balearic Island [RSHRMPMEDGSA5]



Deep-water rose shrimp Balearic Island [RSHRMPMEDGSA5]



Metadata		
Scientific Name	Sardina pilchardus	
Current Assess ID STECF-SARDMEDGSA1-2002-2012-OSIO		
Area Northern Alboran Sea		
Management Authority General Fisheries Council for the Mediterranean, DG MARE, and national states		
Assessor Scientific, Technical and Economic Committee for Fisheries		
Asmts in RAM	2012	

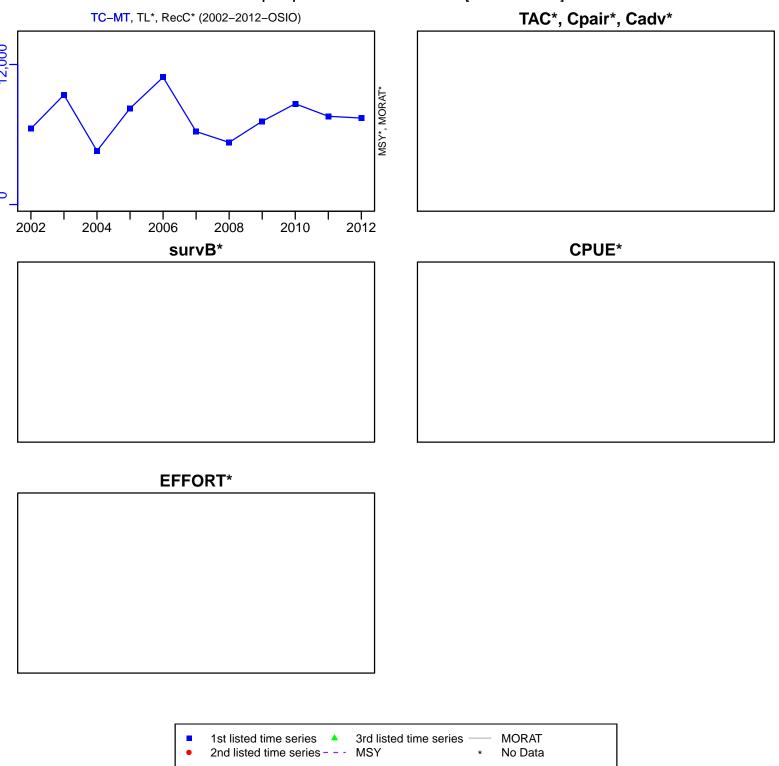
Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	-	-	-	
Fmsy	-	-	-	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	-	-	-	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	-	-	-	
MSY	-	-	-	
М	-	-	-	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	-	-	-	-	-
SSB	-	-	-	-	-
TN	-	-	-	-	-
R	-	-	-	-	-
F	-	-	-	-	-
ER	-	-	-	-	-
TC	TC-MT	2012	6220		
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

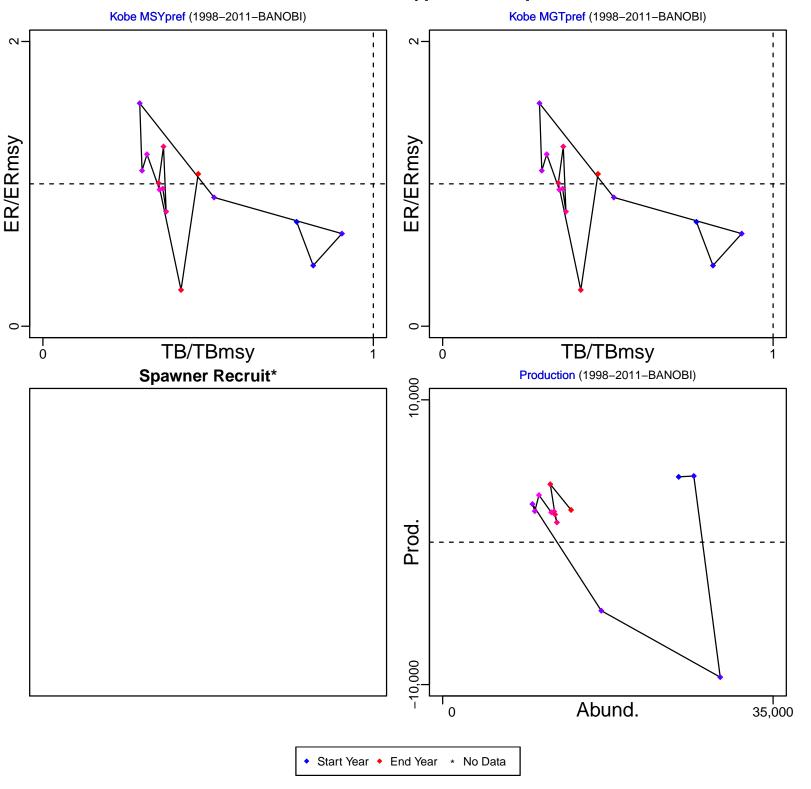
TB*	SSB*
TN *	F *
ER*	Recruits*
⊑ K	Recruits
Listed time series Ta	arget BRP — Rec-Est
MSY-based BRP Li	m BRP ■ No Data

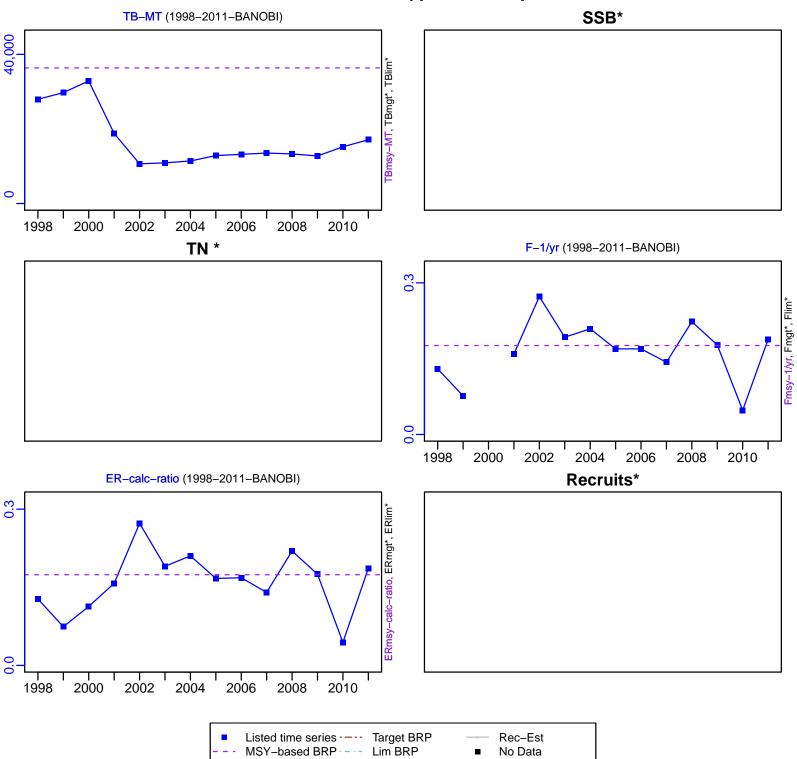


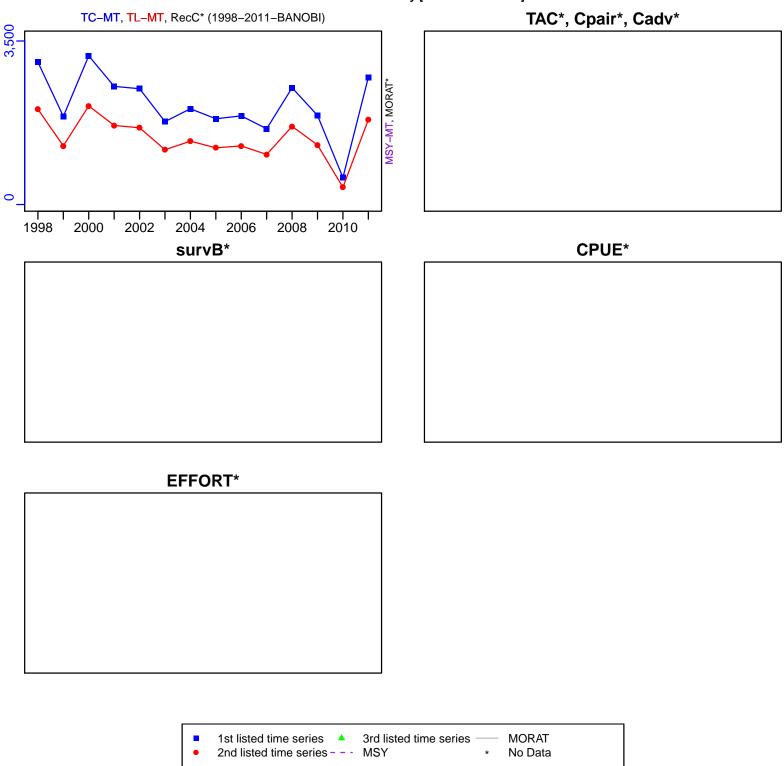
Metadata			
Scientific Name	Sardina pilchardus		
Current Assess ID	CNR-IAMC-SARDMEDGSA16-1998-2011-BANOBI		
Area	South of Sicily		
Management Authority	General Fisheries Council for the Mediterranean, DG MARE, and national states		
Assessor	Institute for Coastal Marine Environment of the National Research Council		
Asmts in RAM	2011		

Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	TBmsy-MT	2011	32,527	
SSBmsy	-	-	-	
Fmsy	Fmsy-1/yr	2011	0.16	
ERmsy	ERmsy-calc-ratio	2011	0.16	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	-	-	-	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	-	-	-	
MSY	MSY-MT	2011	5307	
M	-	-	-	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2011	15,300	-	-
SSB	-	-	-	-	-
TN	-	-	-	-	-
R	-	-	-	-	-
F	F-1/yr	2011	0	-	-
ER	ER-calc-ratio	2011	0	-	-
TC	TC-MT	2011	2670		
TL	TL-MT	2011	1780		
TB/TBmsy	TBdivTBmsy-dimensionless	2011	0.47		
SSB/SSBmsy	-	-	-		
F/Fmsy	FdivFmsy-dimensionless	2011	1.07		
ER/ERmsy	ER-calc-ratio/ERmsy-calc-ratio	2011	1.07		
TB/TBmgt	1	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		





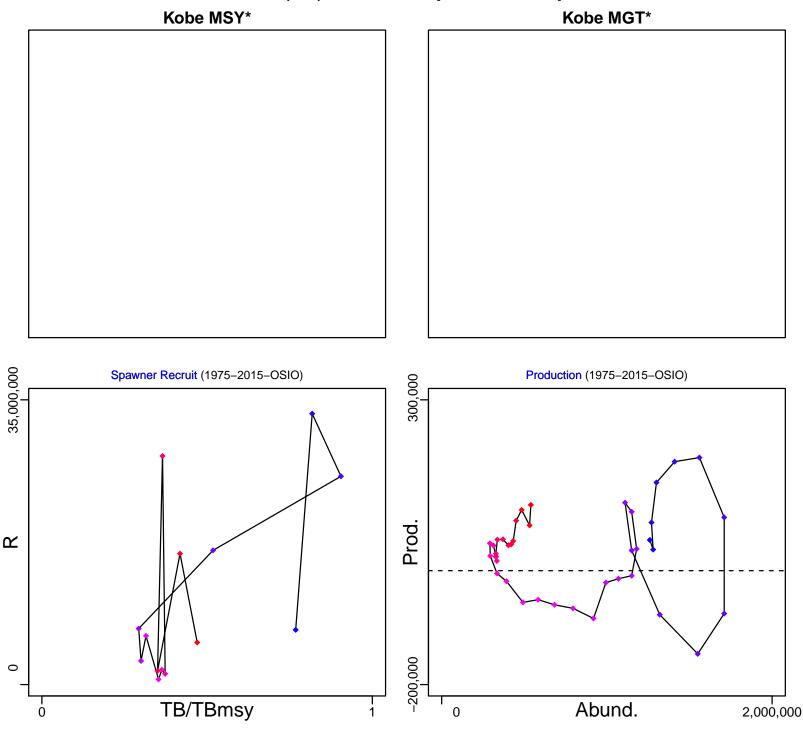


European pilchard Adriatic Sea [SARDMEDGSA17-18]

Metadata			
Scientific Name	Sardina pilchardus		
Current Assess ID	STECF-SARDMEDGSA17-18-1975-2015-OSIO		
Area	Adriatic Sea (GSA 17,18)		
Management Authority	General Fisheries Council for the Mediterranean, DG MARE, and national states		
Assessor	Scientific, Technical and Economic Committee for Fisheries		
Asmts in RAM	2013, 2015		

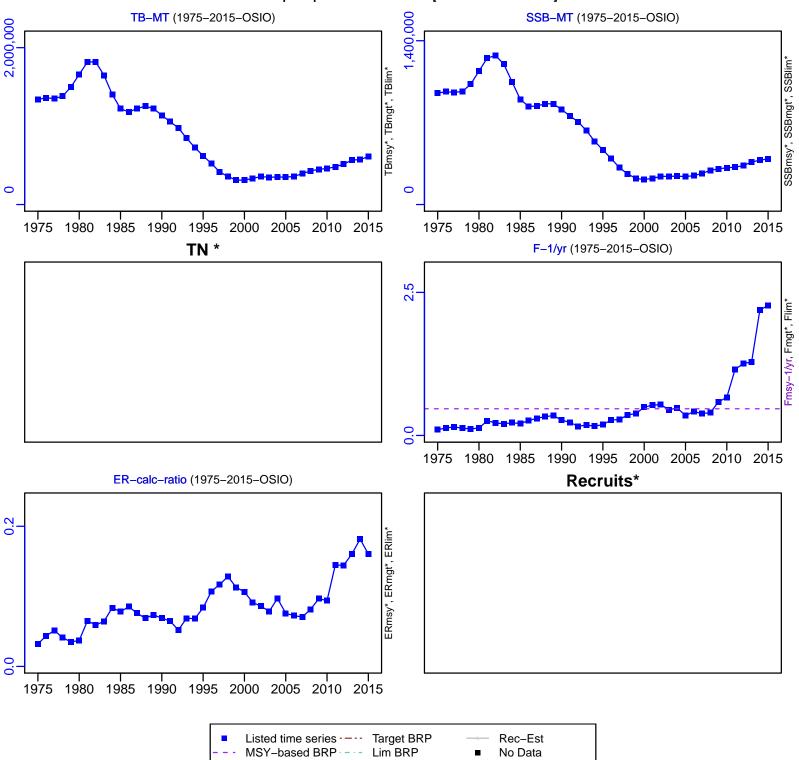
Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	-	-	-	
Fmsy	Fmsy-1/yr	2015	0.4	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	Fmgt-1/yr	2013	0.23	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	-	-	-	
MSY	-	-	-	
M	-	-	-	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

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



Start Year • End Year • No Data

European pilchard Adriatic Sea [SARDMEDGSA17-18]



European pilchard Adriatic Sea [SARDMEDGSA17-18]

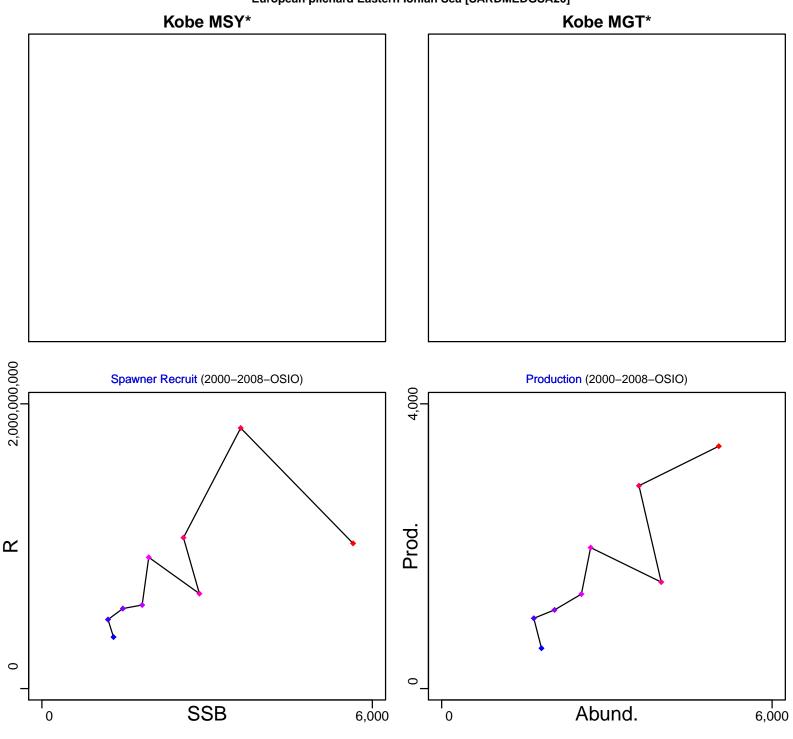
TC*, TL*, RecC*	TAC*, Cpair*, Cadv*
survB*	CPUE*
EFFORT*	
LITORI	
 1st listed time series A 3rd 2nd listed time series MS* 	listed time series — MORAT Y * No Data

European pilchard Eastern Ionian Sea [SARDMEDGSA20]

Metadata			
Scientific Name	Sardina pilchardus		
Current Assess ID	STECF-SARDMEDGSA20-2000-2008-OSIO		
Area Eastern Ionian Sea			
Management Authority	General Fisheries Council for the Mediterranean, DG MARE, and national states		
Assessor	Scientific, Technical and Economic Committee for Fisheries		
Asmts in RAM	2008		

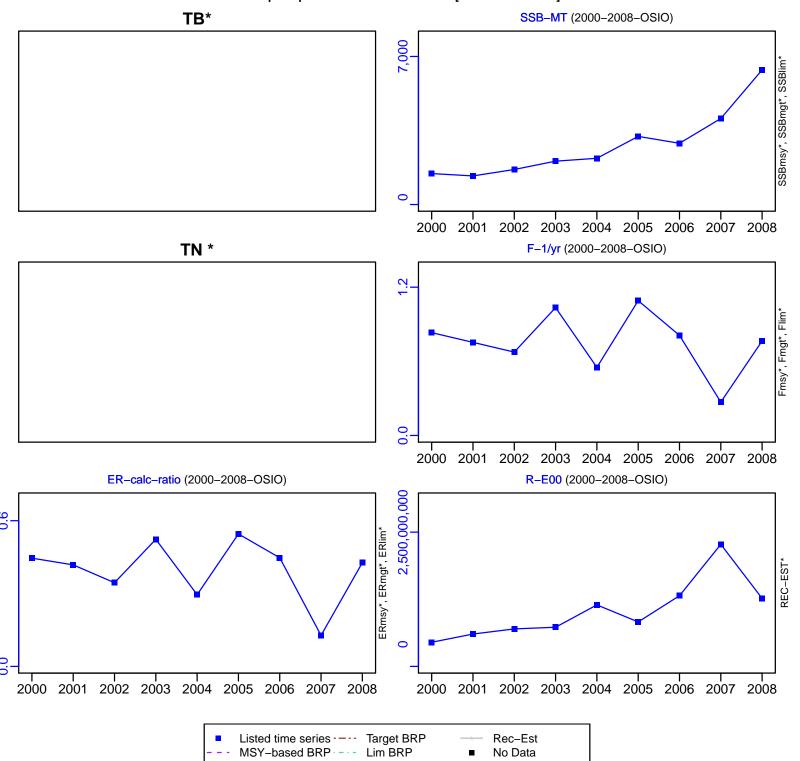
Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	-	-	-	
Fmsy	-	-	-	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	-	-	-	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	-	-	-	
MSY	-	-	-	
М	-	-	-	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

	Time Series				
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	-	-	-	-	-
SSB	SSB-MT	2008	5650	-	1 to 3
TN	-	-	-	-	-
R	R-E00	2008	1.02×10^{9}	-	-
F	F-1/yr	2008	1	-	-
ER	ER-calc-ratio	2008	0	-	-
TC	TC-MT	2008	2940		
TL	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	1	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

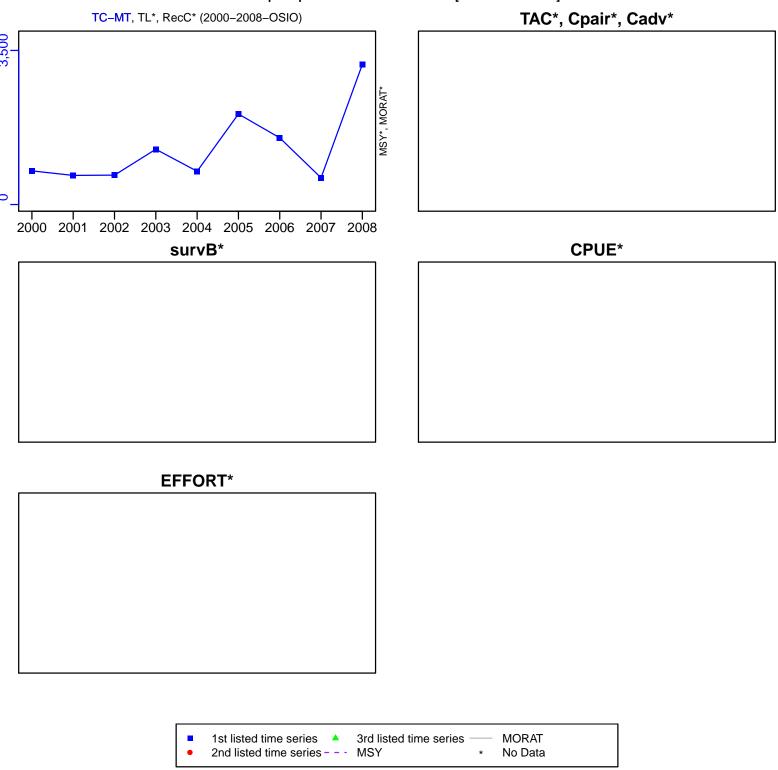


Start Year → End Year → No Data

European pilchard Eastern Ionian Sea [SARDMEDGSA20]



European pilchard Eastern Ionian Sea [SARDMEDGSA20]

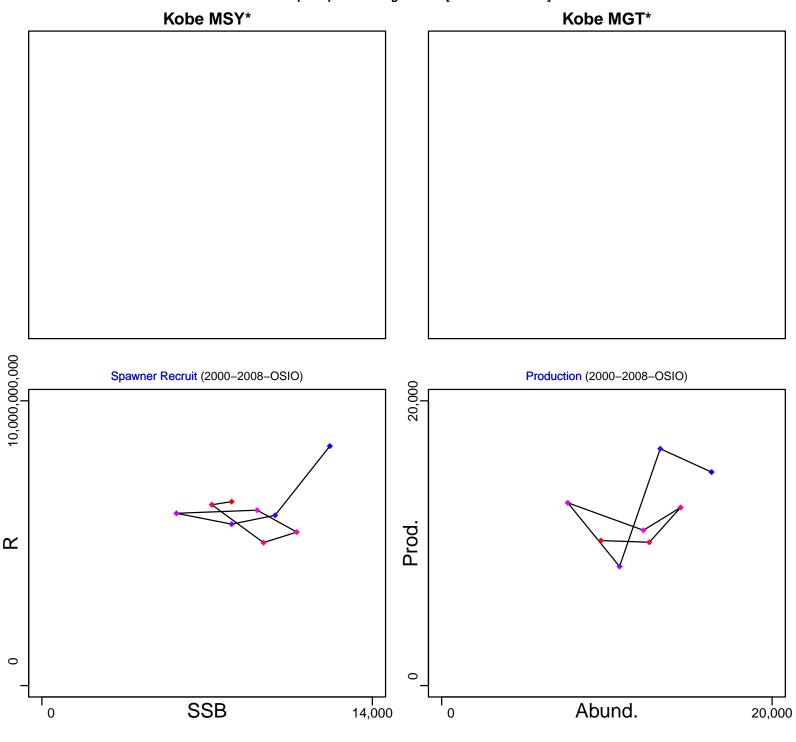


European pilchard Aegean Sea [SARDMEDGSA22]

Metadata			
Scientific Name	Sardina pilchardus		
Current Assess ID	STECF-SARDMEDGSA22-2000-2008-OSIO		
Area	Aegean Sea		
Management Authority	General Fisheries Council for the Mediterranean, DG MARE, and national states		
Assessor	Scientific, Technical and Economic Committee for Fisheries		
Asmts in RAM	2008		

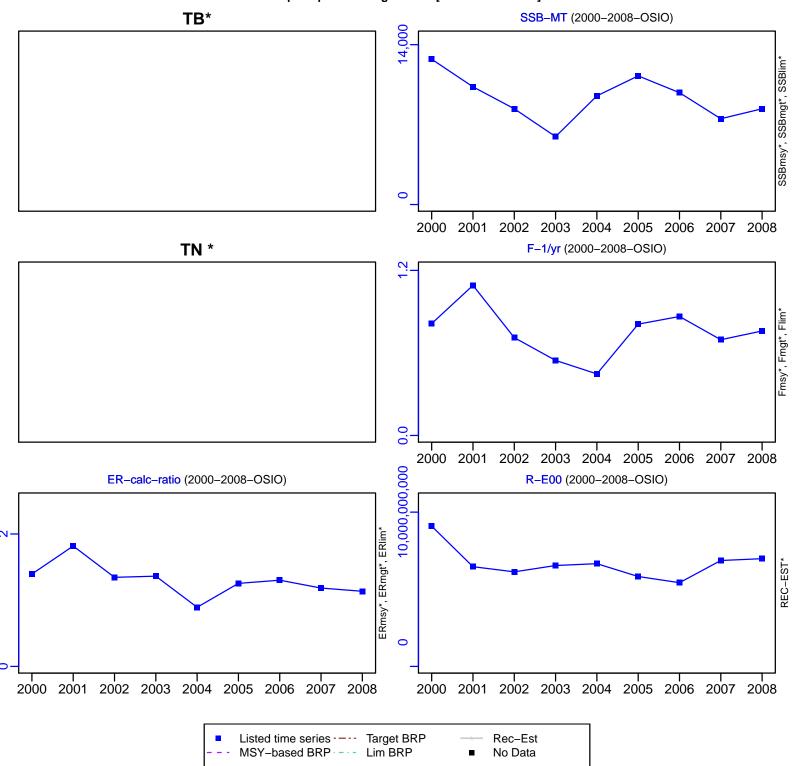
Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	-	-	-	
Fmsy	-	-	-	
ERmsy	-	-	-	
TBmgt		-	-	
SSBmgt	-	-	-	
Fmgt	-	-	-	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	-	-	-	
MSY	-	-	-	
М		-	-	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	-	-	-	-	_
SSB	SSB-MT	2008	8040	-	-
TN	-	-	-	-	-
R	R-E00	2008	6.46×10^{9}	-	-
F	F-1/yr	2008	1	-	-
ER	ER-calc-ratio	2008	1	-	-
TC	TC-MT	2008	9700		
TL	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

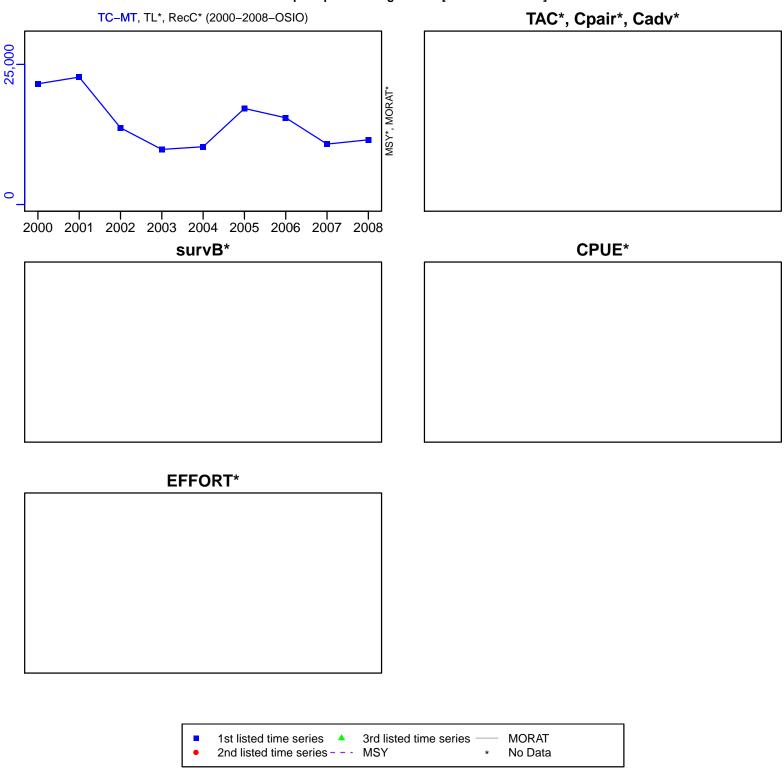


Start Year → End Year → No Data

European pilchard Aegean Sea [SARDMEDGSA22]



European pilchard Aegean Sea [SARDMEDGSA22]

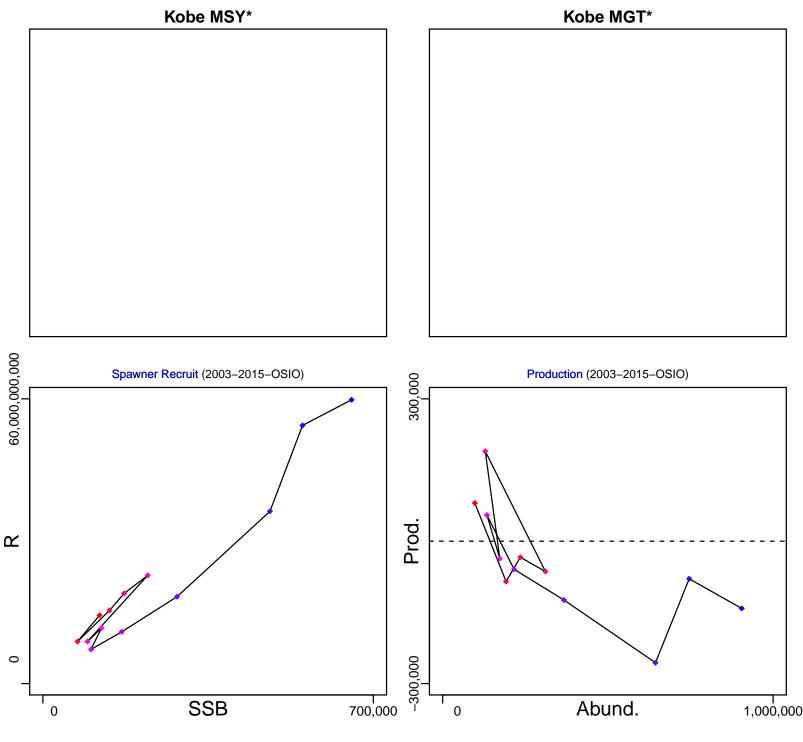


European pilchard Northern Spain [SARDMEDGSA6]

Metadata			
Scientific Name	Sardina pilchardus		
Current Assess ID	STECF-SARDMEDGSA6-2003-2015-OSIO		
Area Northern Spain			
Management Authority	General Fisheries Council for the Mediterranean, DG MARE, and national states		
Assessor	Scientific, Technical and Economic Committee for Fisheries		
Asmts in RAM	2013, 2015		

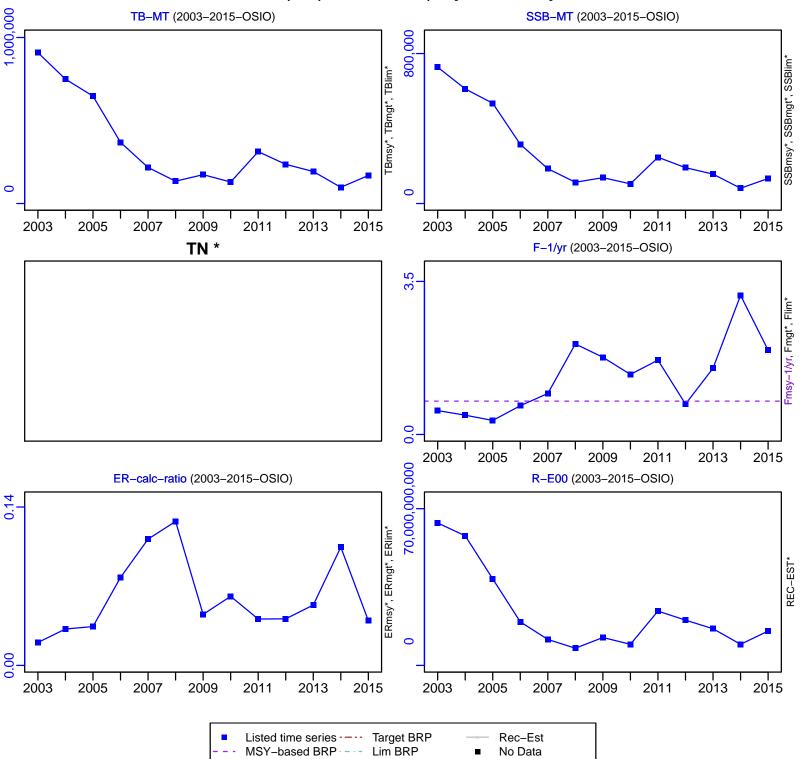
Reference Points					
Туре	ID	Asmt Year	Value		
TBmsy	-	-	-		
SSBmsy	-	-	-		
Fmsy	Fmsy-1/yr	2015	0.7		
ERmsy	-	-	-		
TBmgt	-	-	-		
SSBmgt	-	-	-		
Fmgt	Fmgt-1/yr	2013	0.56		
ERmgt	-	-	-		
TB0	-	-	-		
SSB0	-	-	-		
MSY	-	-	-		
M	-	-	-		
TBlim	-	-	-		
SSBlim	-	-	-		
Flim	-	-	-		
ERlim	-	-	-		

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2015	168,000	-	-
SSB	SSB-MT	2015	120,000	-	-
TN	-	-	-	-	-
R	R-E00	2015	1.44×10^{10}	-	-
F	F-1/yr	2015	2	-	-
ER	ER-calc-ratio	2015	0	-	-
TC	TC-MT	2015	6310		
TL	TL-MT	2015	6310		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	F-1/yr/Fmsy-1/yr	2015	2.53		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	F-1/yr/Fmgt-1/yr	2013	1.66		
ER/ERmgt	-	-	-		

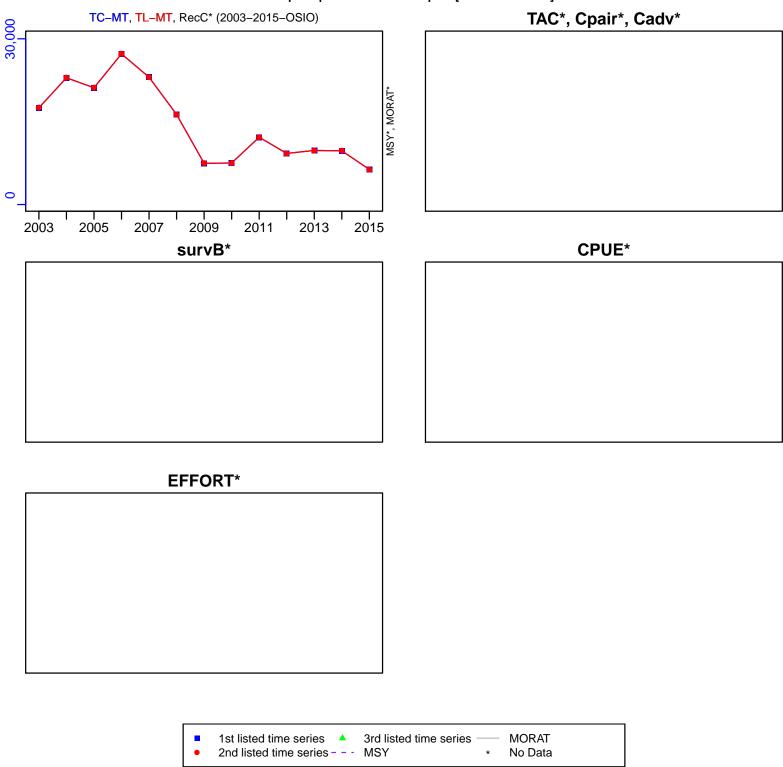


Start Year • End Year * No Data

European pilchard Northern Spain [SARDMEDGSA6]



European pilchard Northern Spain [SARDMEDGSA6]

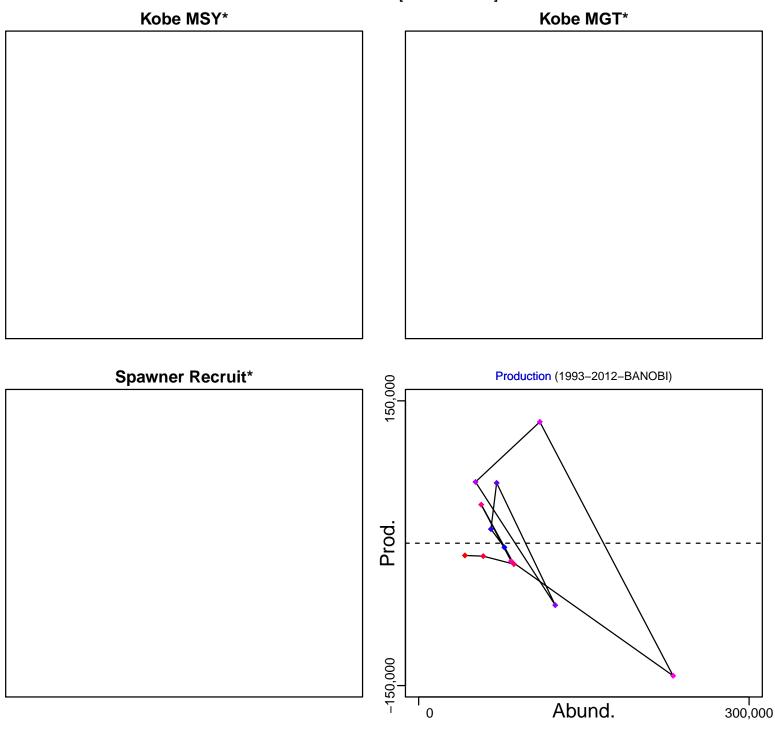


Sardine Gulf of Lions [SARDMEDGSA7]

Metadata			
Scientific Name	Sardina pilchardus		
Current Assess ID	IFREMER-SARDMEDGSA7-1993-2012-BANOBI		
Area Gulf of Lions			
Management Authority	General Fisheries Council for the Mediterranean, DG MARE, and national states		
Assessor	French Research Institute for Exploitation of the Sea		
Asmts in RAM	2012		

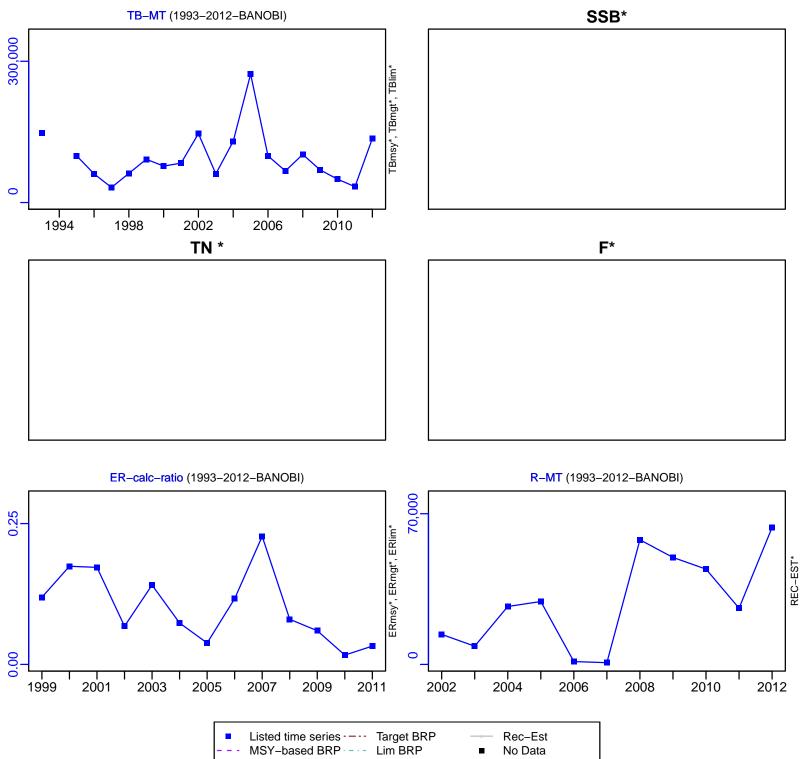
Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	-	-	-	
Fmsy	-	-	-	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	-	-	-	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	-	-	-	
MSY	-	-	-	
М	-	-	-	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2012	115,000	-	-
SSB	-	-	-	-	-
TN	-	-	-	-	-
R	R-MT	2012	57,500	-	-
F	-	-	-	-	-
ER	ER-calc-ratio	2012	0	-	-
TC	TC-MT	2012	782		
TL	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

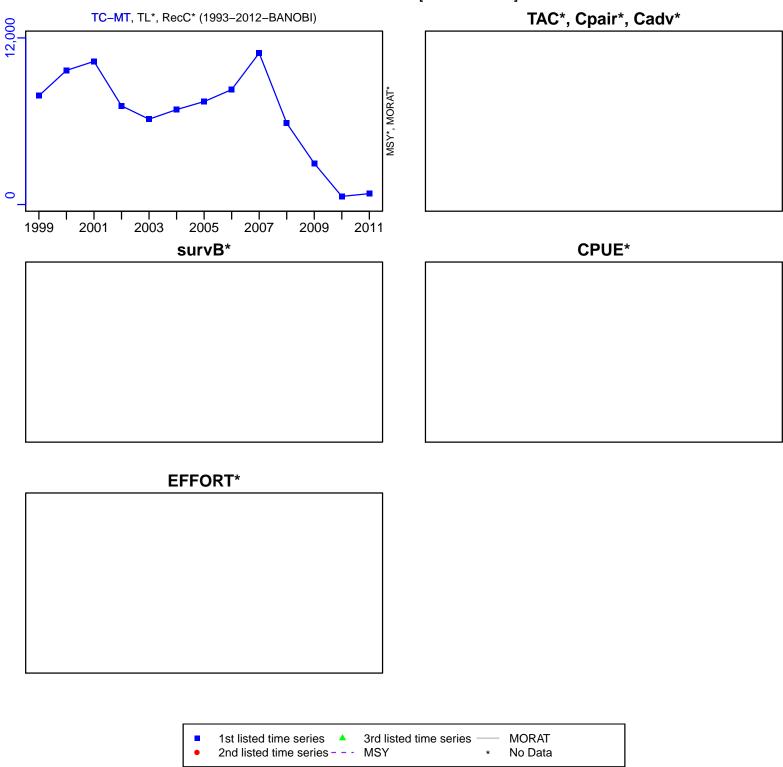


Start Year • End Year * No Data

Sardine Gulf of Lions [SARDMEDGSA7]



Sardine Gulf of Lions [SARDMEDGSA7]



Metadata			
Scientific Name	Sardina pilchardus		
Current Assess ID	STECF-SARDMEDGSA9-2006-2012-OSIO		
Area Ligurian and North Tyrrhenian Sea			
Management Authority	General Fisheries Council for the Mediterranean, DG MARE, and national states		
Assessor	Scientific, Technical and Economic Committee for Fisheries		
Asmts in RAM	2012		

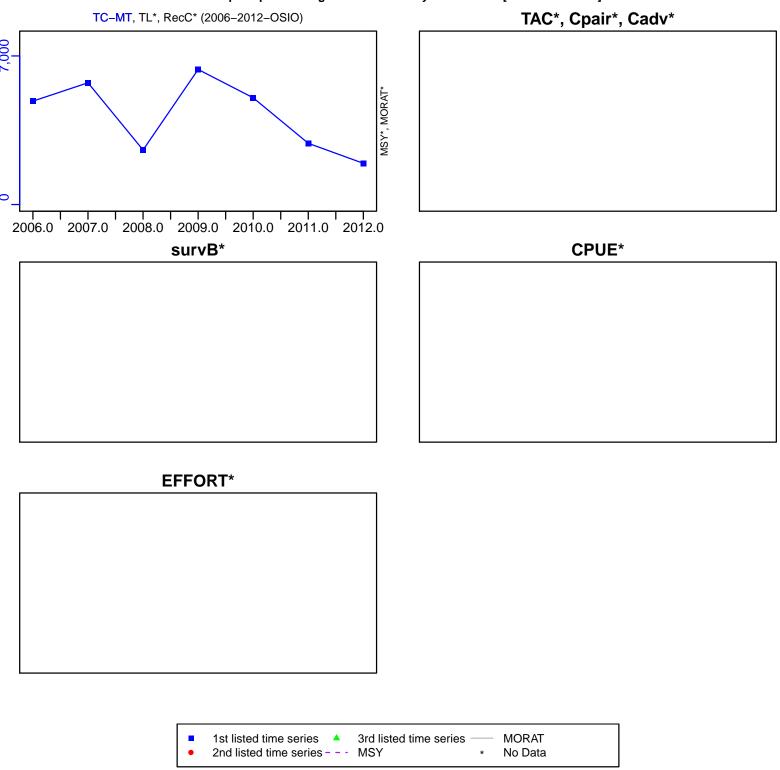
Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	-	-	-	
Fmsy	-	-	-	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	-	-	-	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	-	-	-	
MSY	-	-	-	
М	-	-	-	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
TB	-	-	-	-	-
SSB	-	-	-	-	-
TN	-	-	-	-	-
R	-	-	-	-	-
F	-	-	-	-	-
ER	-	-	-	-	-
TC	TC-MT	2012	1730		
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*
ED.	D 14 . W
ER*	Recruits*
Listed time series T	proof PPD —— Poc. Ect
Listed time series Ta	arget BRP — Rec–Est m BRP ■ No Data

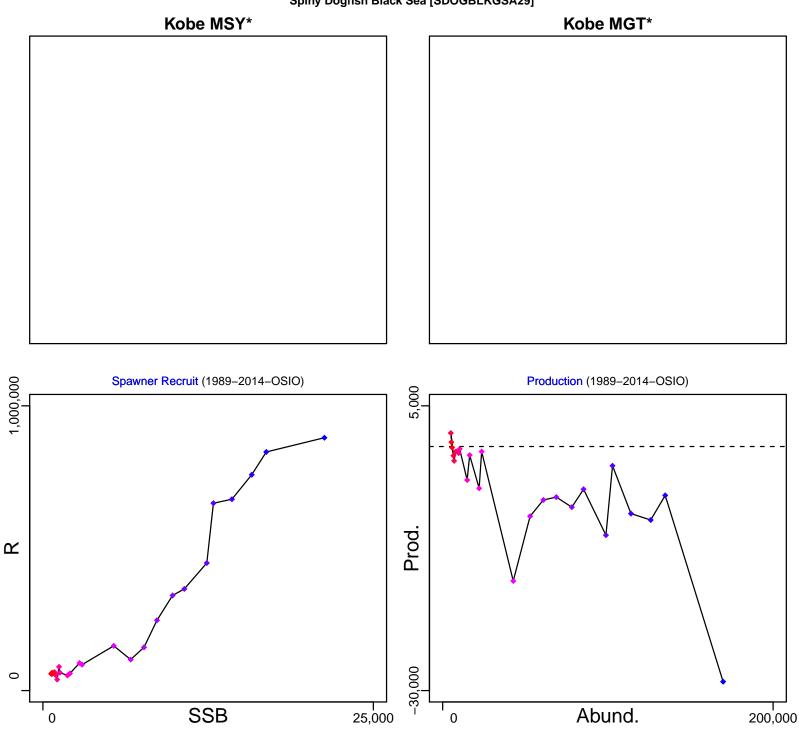


Spiny Dogfish Black Sea [SDOGBLKGSA29]

Metadata			
Scientific Name	Squalus acanthias		
Current Assess ID	STECF-SDOGBLKGSA29-1989-2014-OSIO		
Area Black Sea			
Management Authority	General Fisheries Council for the Mediterranean, DG MARE, and national states		
Assessor	Scientific, Technical and Economic Committee for Fisheries		
Asmts in RAM	2011, 2014		

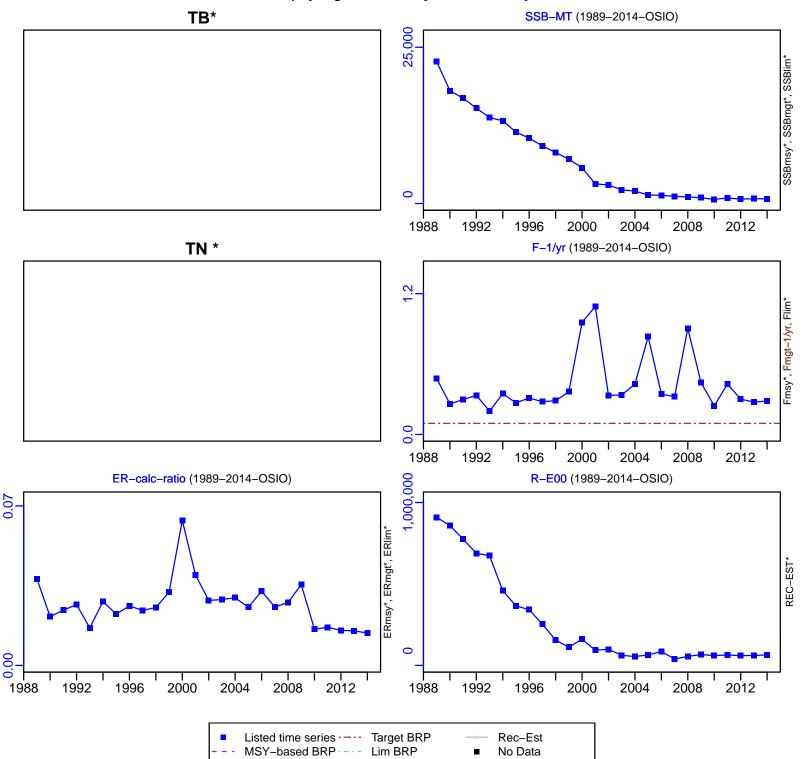
Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	-	-	-	
Fmsy	-	-	-	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	Fmgt-1/yr	2014	0.08	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	-	-	-	
MSY	-	-	-	
М	M-1/yr	2011	0.15	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	-	-	-	-	-
SSB	SSB-MT	2014	693	-	12+
TN	-	-	-	-	-
R	R-E00	2014	62,900	-	-
F	F-1/yr	2014	0	-	-
ER	ER-calc-ratio	2014	0	-	-
TC	TC-MT	2014	75.3		•
TL	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	<u>-</u>	-	-		
F/Fmgt	F-1/yr/Fmgt-1/yr	2014	3		
ER/ERmgt	-	-	-		

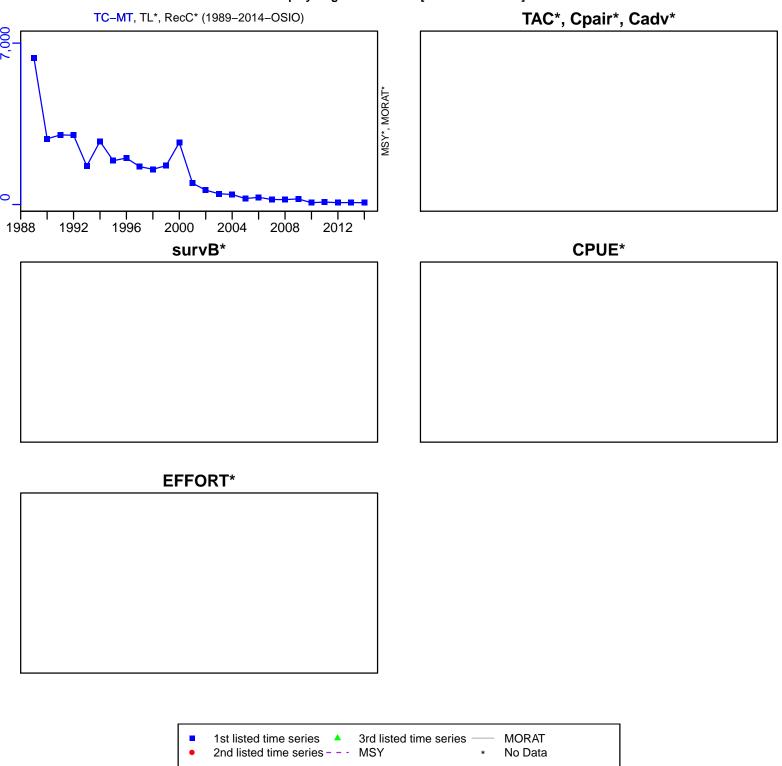


Start Year → End Year → No Data

Spiny Dogfish Black Sea [SDOGBLKGSA29]



Spiny Dogfish Black Sea [SDOGBLKGSA29]



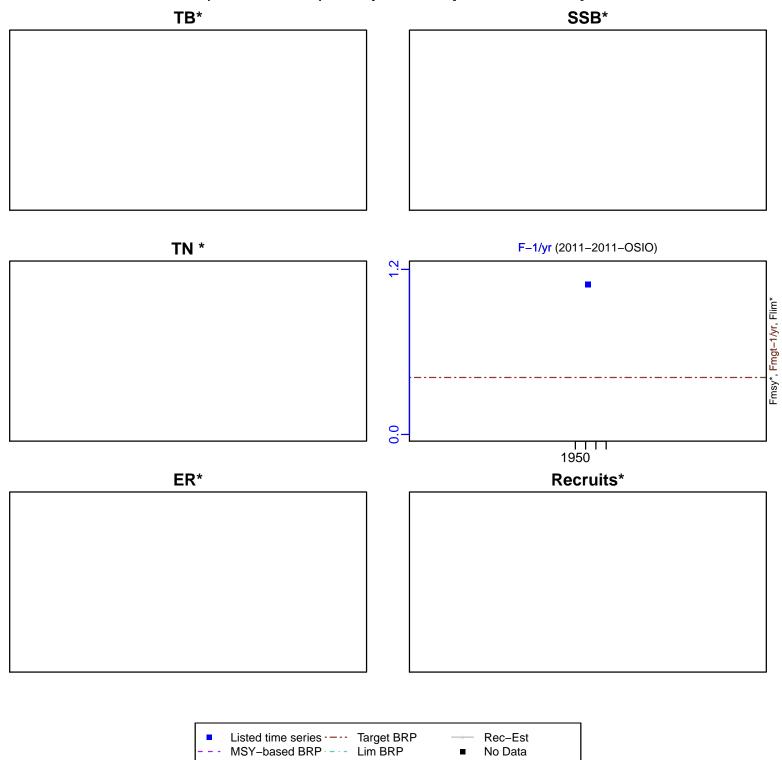
Metadata			
Scientific Name	Squilla mantis		
Current Assess ID	STECF-SMSHRMPMEDGSA10-2011-2011-OSIO		
Area South Tyrrhenian Sea			
Management Authority	General Fisheries Council for the Mediterranean, DG MARE, and national states		
Assessor Scientific, Technical and Economic Committee for Fisheries			
Asmts in RAM	2011		

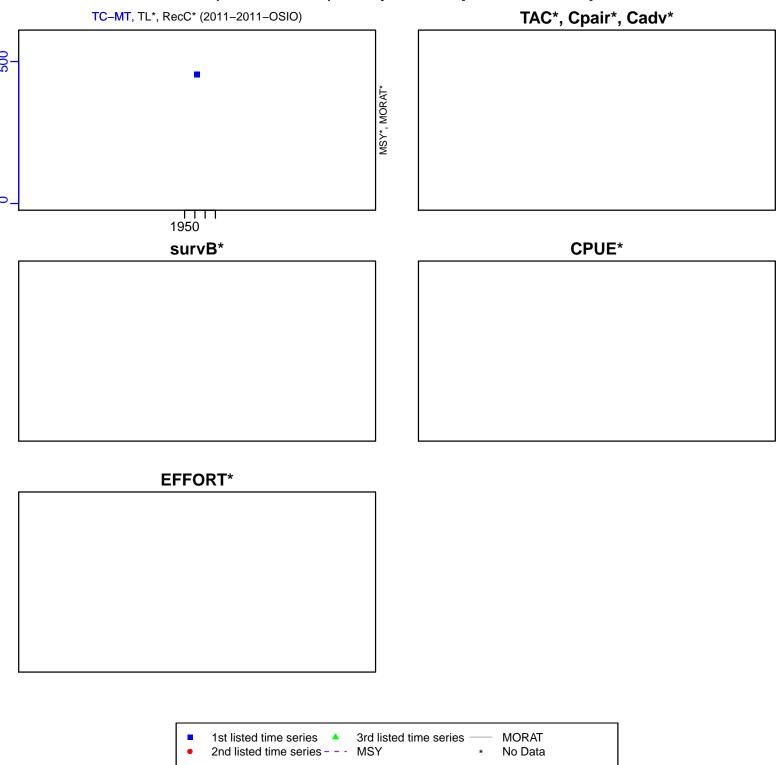
Reference Points					
Туре	ID	Asmt Year	Value		
TBmsy	-	-	-		
SSBmsy	-	-	-		
Fmsy	-	-	-		
ERmsy	-	-	-		
TBmgt	-	-	-		
SSBmgt	-	-	-		
Fmgt	Fmgt-1/yr	2011	0.41		
ERmgt	-	-	-		
TB0	-	-	-		
SSB0	-	-	-		
MSY	-	-	-		
М	-	-	-		
TBlim	-	-	-		
SSBlim	-	-	-		
Flim	-	-	-		
ERlim	-	-	-		

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	-	-	-	-	-
SSB	-	-	-	-	-
TN	-	-	-	-	-
R	-	-	-	-	-
F	F-1/yr	2011	1	-	-
ER	-	-	-	-	-
TC	TC-MT	2011	387		
TL	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	F-1/yr/Fmgt-1/yr	2011	2.63		
ER/ERmgt	-	-	-		

Kobe MSY*	Kobe MGT*
Spawner Recruit*	Production*

◆ Start Year ◆ End Year * No Data



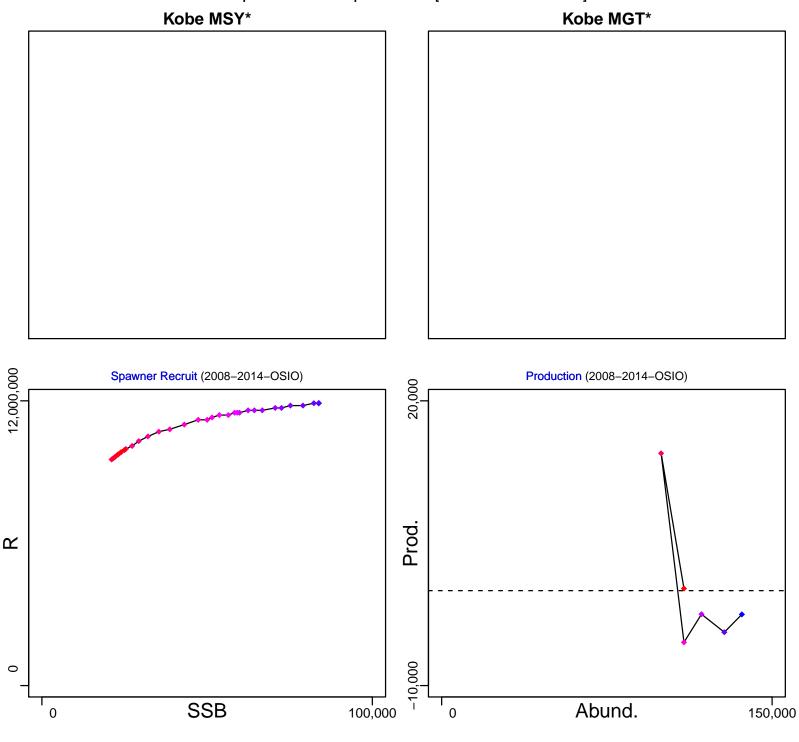


Spottail mantis shrimp Adriatic Sea [SMSHRMPMEDGSA17-18]

Metadata			
Scientific Name	Squilla mantis		
Current Assess ID	STECF-SMSHRMPMEDGSA17-18-2008-2014-OSIO		
Area	Adriatic Sea (GSA 17,18)		
Management Authority	General Fisheries Council for the Mediterranean, DG MARE, and national states		
Assessor	Scientific, Technical and Economic Committee for Fisheries		
Asmts in RAM	2014		

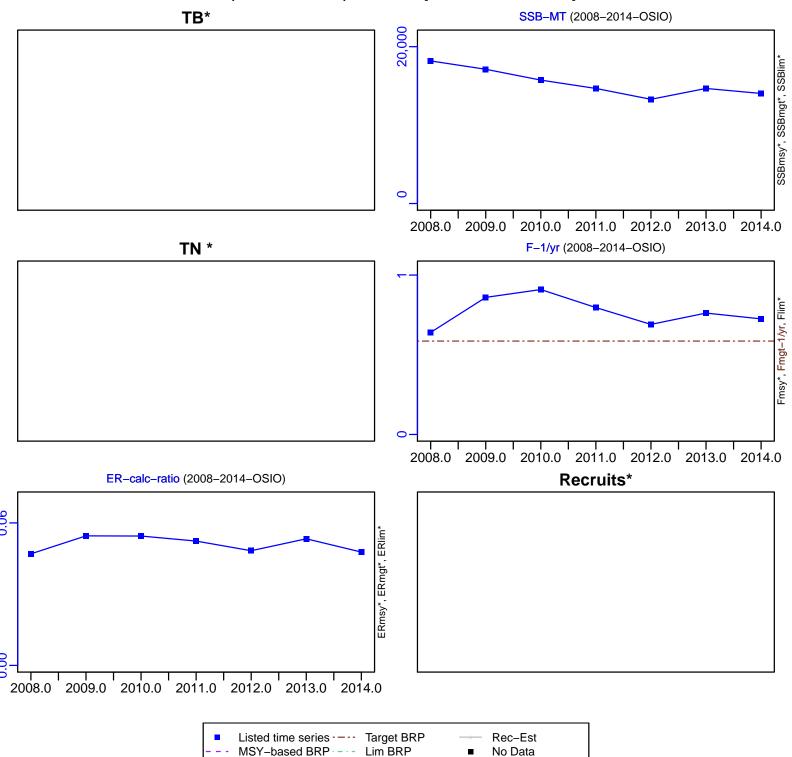
Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	-	-	-	
Fmsy	-	-	-	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	Fmgt-1/yr	2014	0.56	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	-	-	-	
MSY	-	-	-	
M	-	-	-	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

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



Start Year • End Year * No Data

Spottail mantis shrimp Adriatic Sea [SMSHRMPMEDGSA17-18]



Spottail mantis shrimp Adriatic Sea [SMSHRMPMEDGSA17-18]

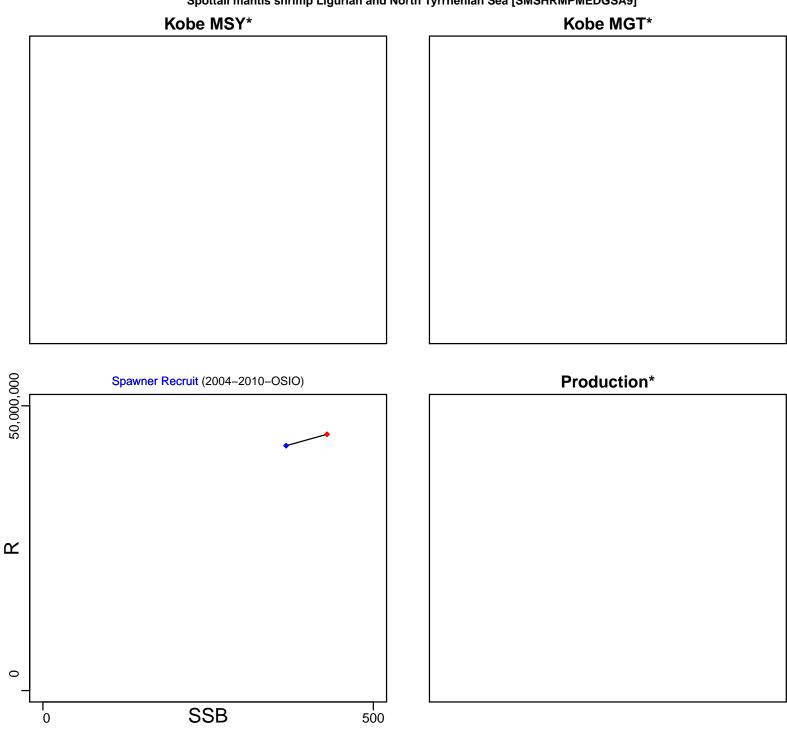
TC*, TL*, RecC*	TAC*, Cpair*, Cadv*
survB*	CPUE*
EFFORT*	
■ 1st listed time series ▲ 3rd	listed time series — MORAT
2nd listed time series MS	Y * No Data

Spottail mantis shrimp Ligurian and North Tyrrhenian Sea [SMSHRMPMEDGSA9]

Metadata			
Scientific Name	Squilla mantis		
Current Assess ID	STECF-SMSHRMPMEDGSA9-2004-2010-OSIO		
Area	Ligurian and North Tyrrhenian Sea		
Management Authority	General Fisheries Council for the Mediterranean, DG MARE, and national states		
Assessor	Scientific, Technical and Economic Committee for Fisheries		
Asmts in RAM	2010		

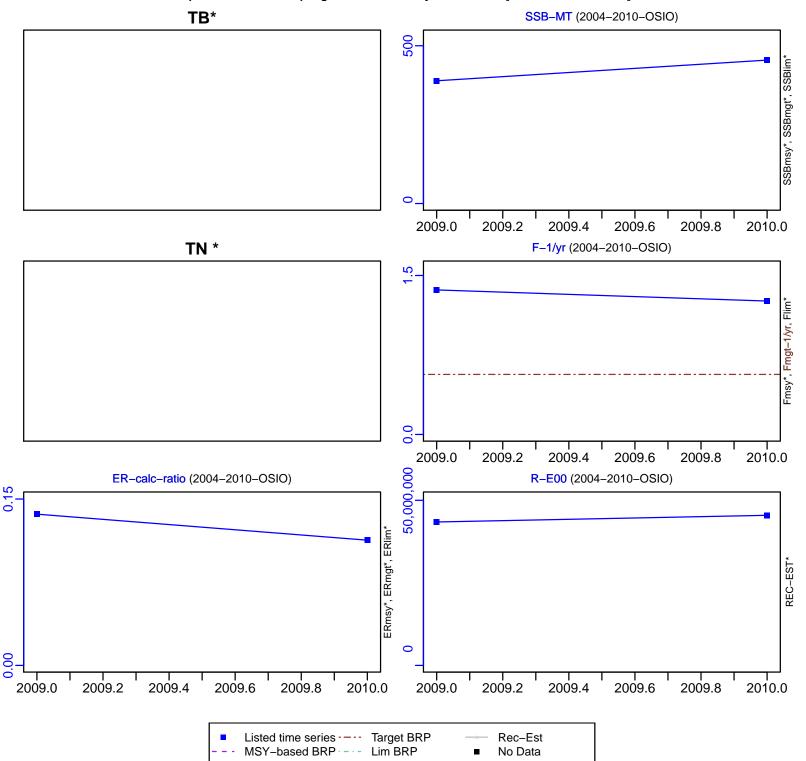
Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	-	-	-	
Fmsy	-	-	-	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	Fmgt-1/yr	2010	0.54	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	-	-	-	
MSY	-	-	-	
М	-	-	-	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	-	-	-	-	-
SSB	SSB-MT	2010	430	-	-
TN	-	-	-	-	-
R	R-E00	2010	4.5×10^7	-	-
F	F-1/yr	2010	1	-	-
ER	ER-calc-ratio	2010	0	-	-
TC	TC-MT	2010	386		•
TL	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	F-1/yr/Fmgt-1/yr	2010	2.22		
ER/ERmgt	-	-	-		

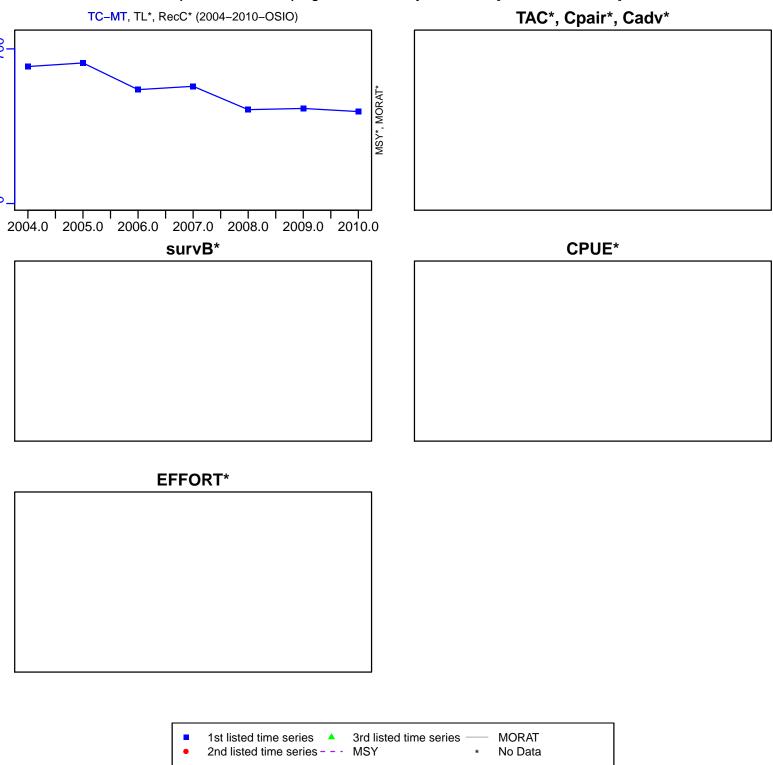


Start Year ◆ End Year * No Data

Spottail mantis shrimp Ligurian and North Tyrrhenian Sea [SMSHRMPMEDGSA9]



Spottail mantis shrimp Ligurian and North Tyrrhenian Sea [SMSHRMPMEDGSA9]

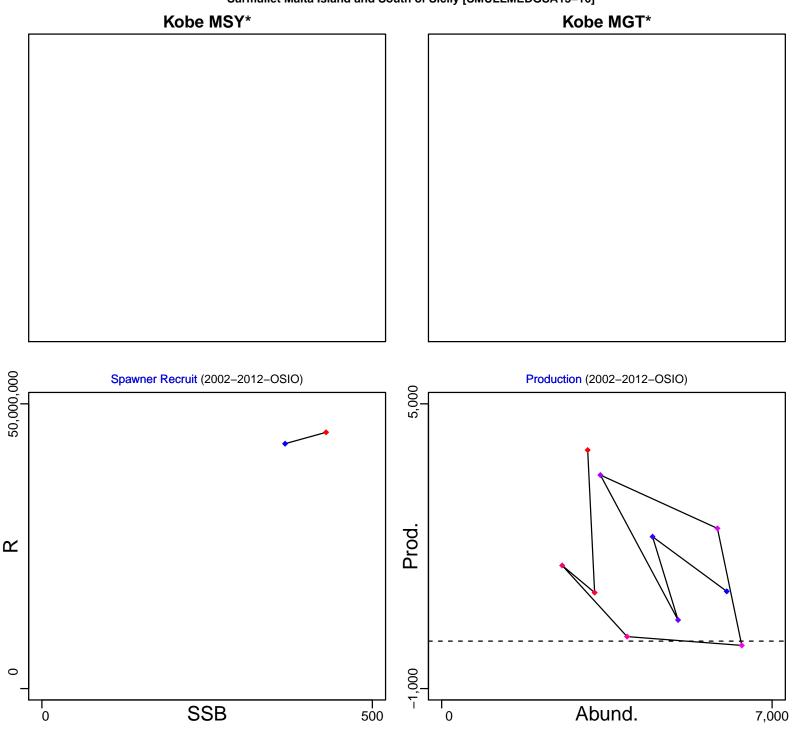


Surmullet Malta Island and South of Sicily [SMULLMEDGSA15-16]

Metadata			
Scientific Name	Mullus surmuletus		
Current Assess ID STECF-SMULLMEDGSA15-16-2002-2012-OSIO			
Area Malta Island and South of Sicily (GSA 15, 16)			
Management Authority General Fisheries Council for the Mediterranean, DG MARE, and national sta			
Assessor Scientific, Technical and Economic Committee for Fisheries			
Asmts in RAM 2012			

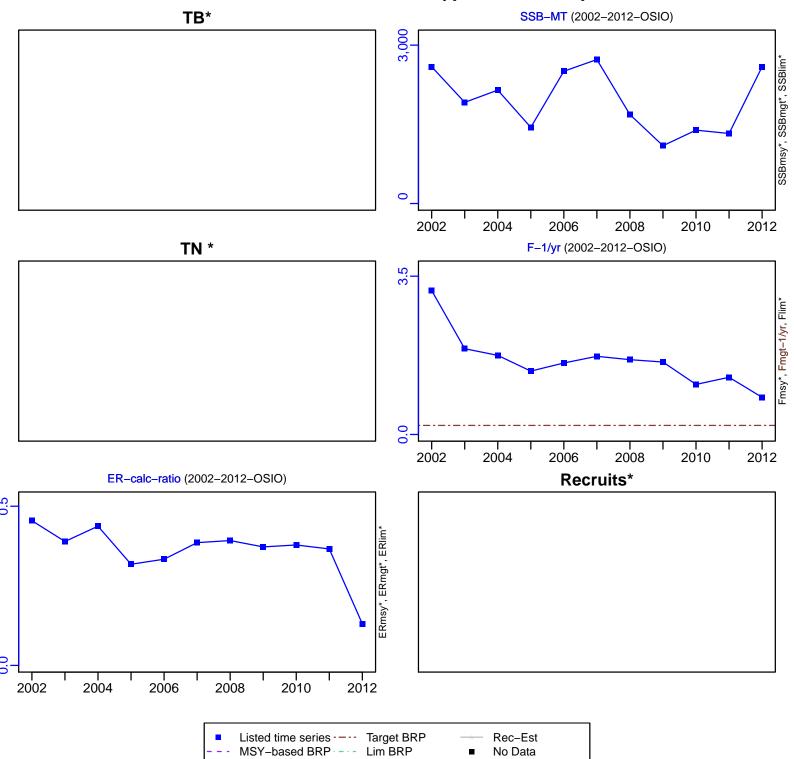
Reference Points				
Type ID Asmt Year V				
TBmsy	-	-	-	
SSBmsy	-	-	-	
Fmsy	-	-	-	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	Fmgt-1/yr	2012	0.19	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	-	-	-	
MSY	-	-	-	
М	-	-	-	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

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



Start Year • End Year * No Data

Surmullet Malta Island and South of Sicily [SMULLMEDGSA15-16]



Surmullet Malta Island and South of Sicily [SMULLMEDGSA15-16]

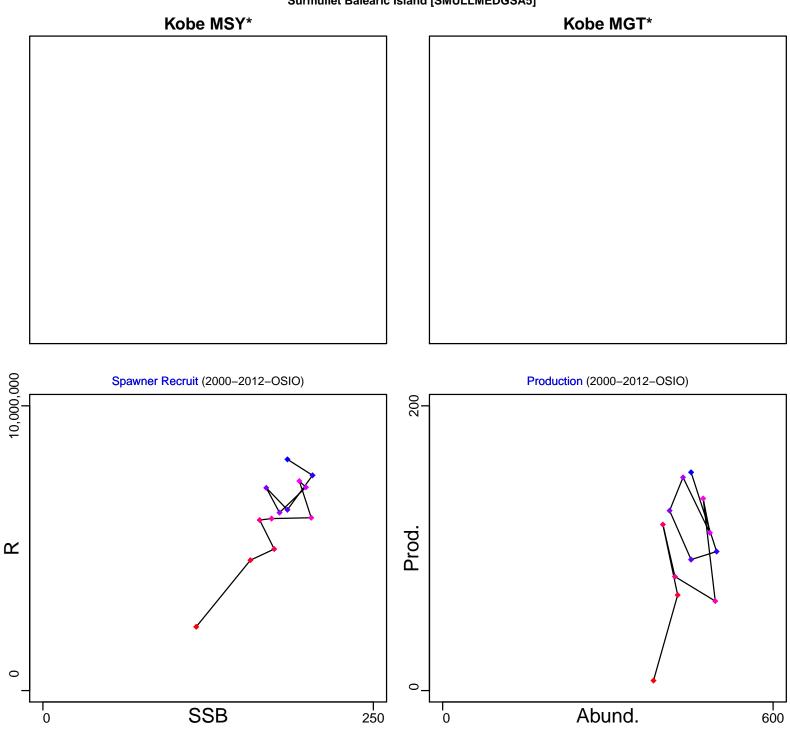
TC*, TL*, RecC*	TAC*, Cpair*, Cadv*
survB*	CPUE*
EFFORT*	
■ 1st listed time series ▲ 3rd	listed time series — MORAT
2nd listed time series MS	Y * No Data

Surmullet Balearic Island [SMULLMEDGSA5]

Metadata			
Scientific Name	Mullus surmuletus		
Current Assess ID	STECF-SMULLMEDGSA5-2000-2012-OSIO		
Area Balearic Island			
Management Authority General Fisheries Council for the Mediterranean, DG MARE, and national sta			
Assessor Scientific, Technical and Economic Committee for Fisheries			
Asmts in RAM	2012		

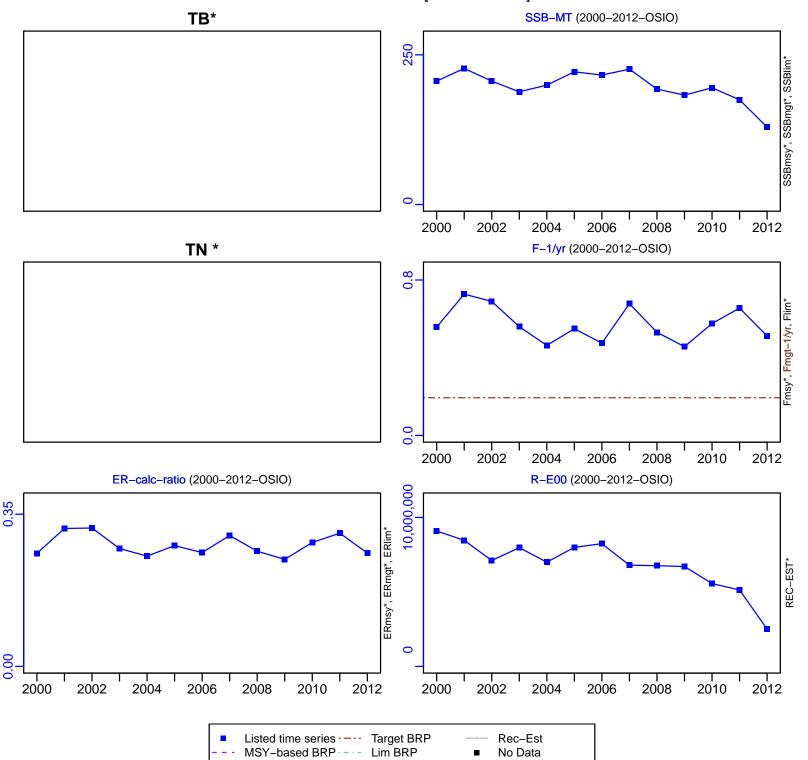
Reference Points				
Туре	ID Asmt Year Valu			
TBmsy	-	-	-	
SSBmsy	-	-	-	
Fmsy	-	-	-	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	Fmgt-1/yr	2012	0.18	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	-	-	-	
MSY	-	-	-	
М	-	-	-	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	-	-	-	-	-
SSB	SSB-MT	2012	116	-	2+
TN	-	-	-	-	-
R	R-E00	2012	2,240,000	-	-
F	F-1/yr	2012	0	-	-
ER	ER-calc-ratio	2012	0	-	-
TC	TC-MT	2012	67.3		•
TL	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	F-1/yr/Fmgt-1/yr	2012	2.64		
ER/ERmgt	-	-	-		

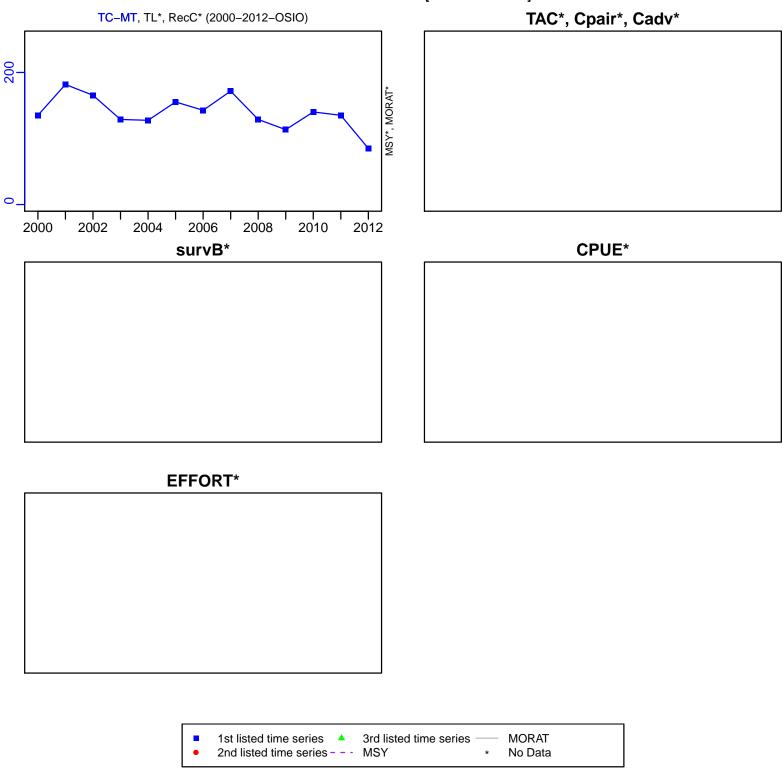


Start Year → End Year → No Data

Surmullet Balearic Island [SMULLMEDGSA5]



Surmullet Balearic Island [SMULLMEDGSA5]

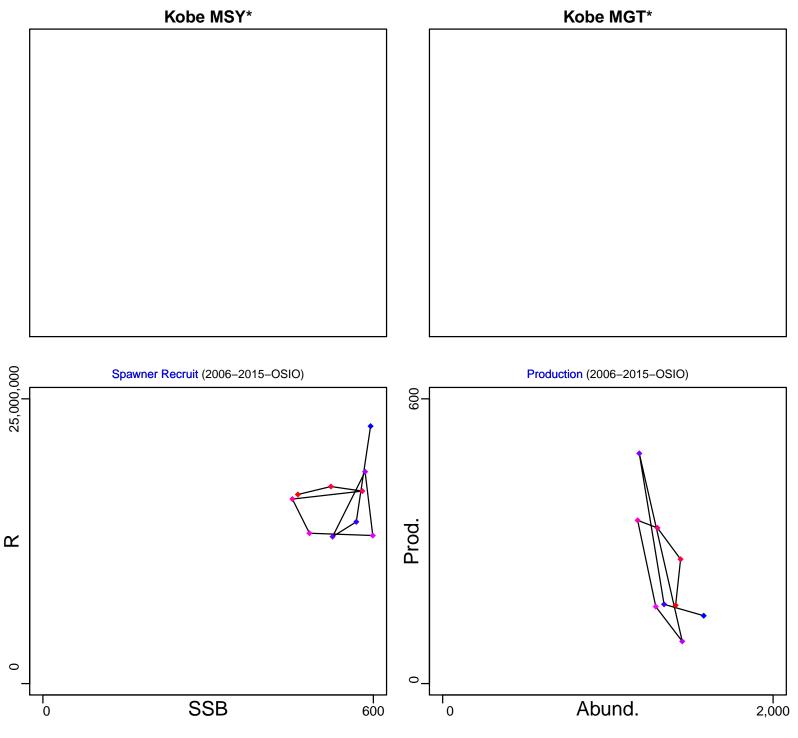


Surmullet Ligurian and North Tyrrhenian Sea [SMULLMEDGSA9]

Metadata			
Scientific Name Mullus surmuletus			
Current Assess ID STECF-SMULLMEDGSA9-2006-2015-OSIO			
Area Ligurian and North Tyrrhenian Sea			
Management Authority General Fisheries Council for the Mediterranean, DG MARE, and national sta			
Assessor Scientific, Technical and Economic Committee for Fisheries			
Asmts in RAM 2010, 2015			

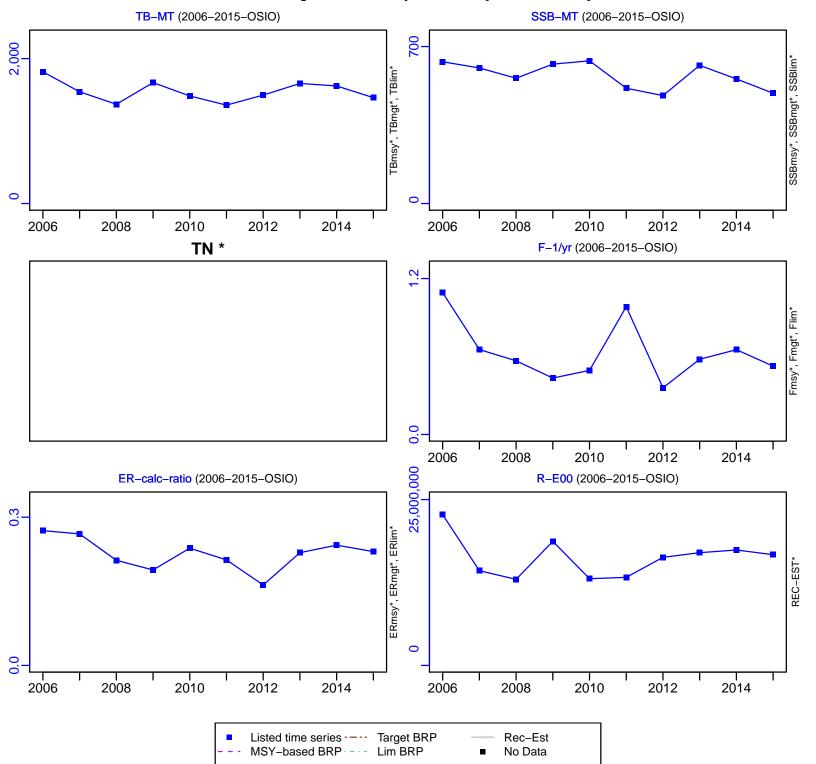
Reference Points					
Туре					
TBmsy	-	-	-		
SSBmsy	-	-	-		
Fmsy	-	-	-		
ERmsy	-	-	-		
TBmgt	-	-	-		
SSBmgt	-	-	-		
Fmgt	Fmgt-1/yr	2010	0.31		
ERmgt	-	-	-		
TB0	-	-	-		
SSB0	-	-	-		
MSY	-	-	-		
M	-	-	-		
TBlim	-	-	-		
SSBlim	-	-	-		
Flim	-	-	-		
ERlim	-	-	-		

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2015	1270	-	-
SSB	SSB-MT	2015	463	-	-
TN	-	-	-	-	-
R	R-E00	2015	16,600,000	-	-
F	F-1/yr	2015	0	-	-
ER	ER-calc-ratio	2015	0	-	-
TC	TC-MT	2015	260		
TL	TL-MT	2015	260	1	
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	F-1/yr/Fmgt-1/yr	2010	1.94		
ER/ERmgt	-	-	-		

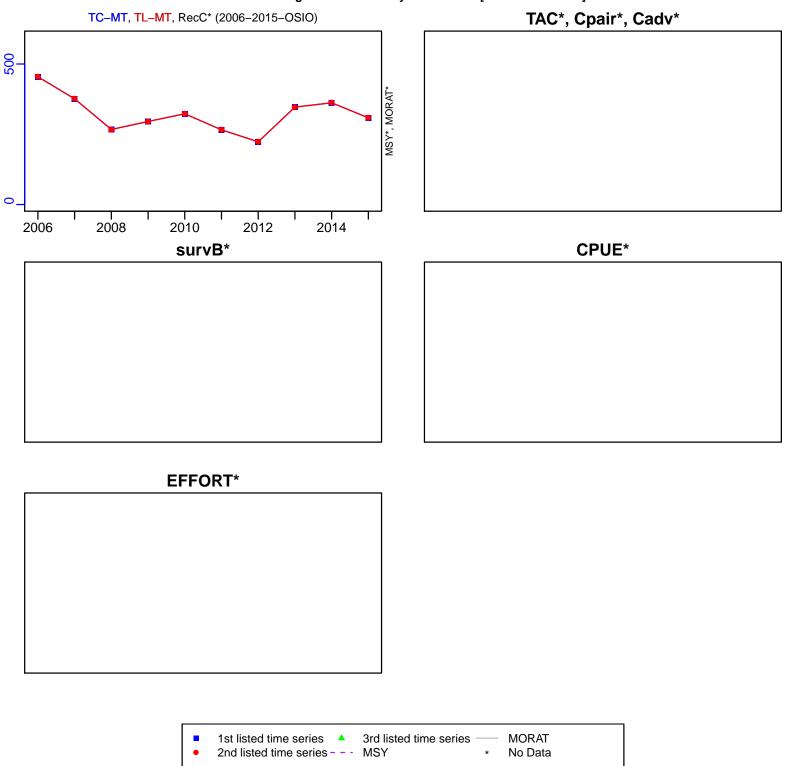


Start Year → End Year → No Data

Surmullet Ligurian and North Tyrrhenian Sea [SMULLMEDGSA9]



Surmullet Ligurian and North Tyrrhenian Sea [SMULLMEDGSA9]

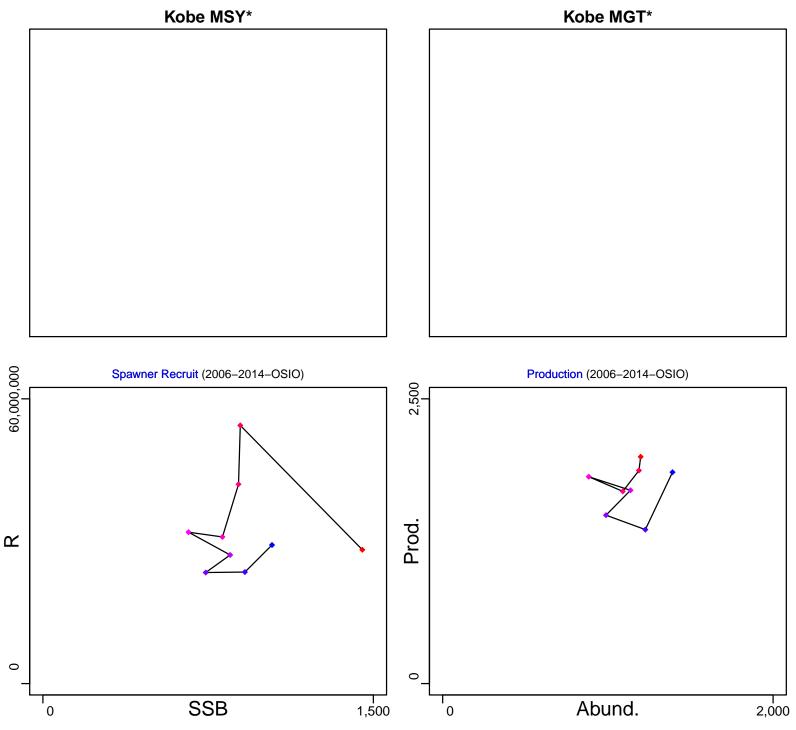


Common Sole Northern Adriatic Sea [SOLMEDGSA17]

Metadata			
Scientific Name Solea solea			
Current Assess ID STECF-SOLMEDGSA17-2006-2014-OSIO			
Area Northern Adriatic Sea			
Management Authority General Fisheries Council for the Mediterranean, DG MARE, and national s			
Assessor Scientific, Technical and Economic Committee for Fisheries			
Asmts in RAM	2011, 2014		

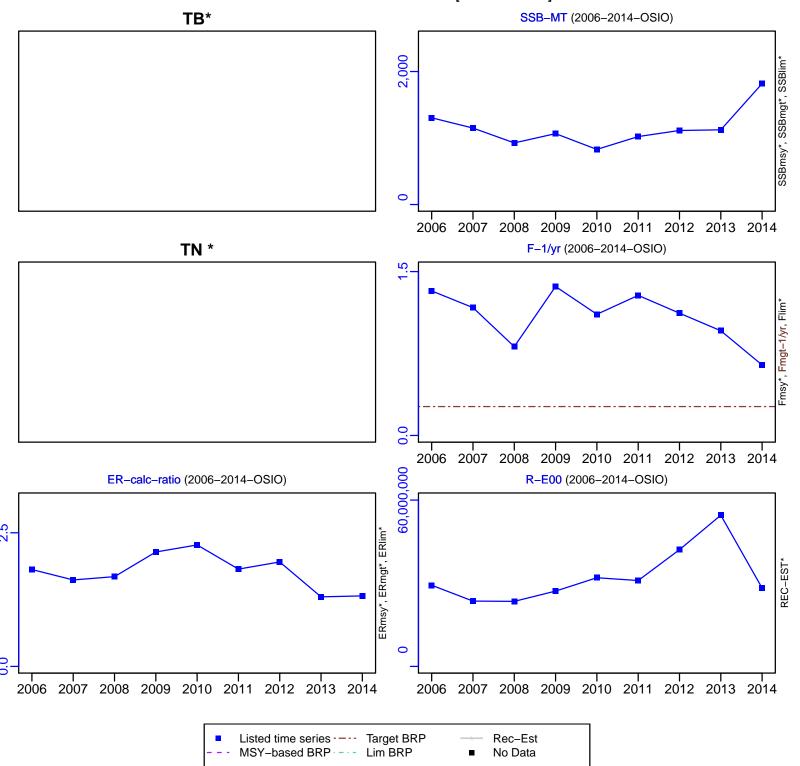
Reference Points					
Туре	Type ID Asmt Year				
TBmsy	-	-	-		
SSBmsy	-	-	-		
Fmsy	-	-	-		
ERmsy	-	-	-		
TBmgt	-	-	-		
SSBmgt	-	-	-		
Fmgt	Fmgt-1/yr	2014	0.26		
ERmgt	-	-	-		
TB0	-	-	-		
SSB0	-	-	-		
MSY	-	-	-		
М	M-1/yr	2011	0.35		
TBlim	-	-	-		
SSBlim	-	-	-		
Flim	-	-	-		
ERlim	-	-	-		

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	-	-	-	-	-
SSB	SSB-MT	2014	1450	-	-
TN	-	-	-	-	-
R	R-E00	2014	28,200,000	-	-
F	F-1/yr	2014	1	-	-
ER	ER-calc-ratio	2014	1	-	-
TC	TC-MT	2014	2050		•
TL	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	F-1/yr/Fmgt-1/yr	2014	2.44		
ER/ERmgt	-	-	-		

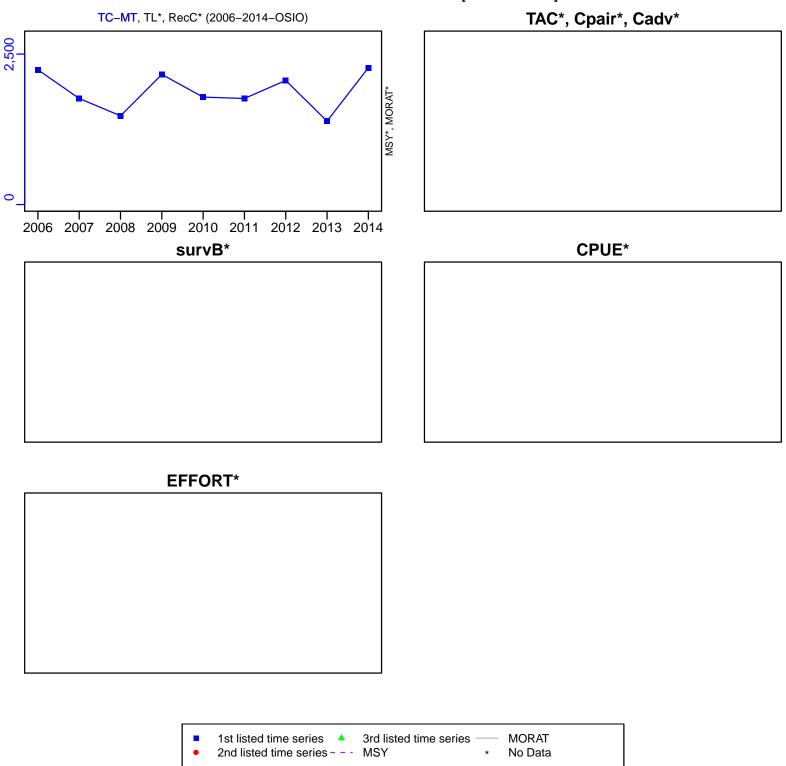


Start Year → End Year → No Data

Common Sole Northern Adriatic Sea [SOLMEDGSA17]



Common Sole Northern Adriatic Sea [SOLMEDGSA17]

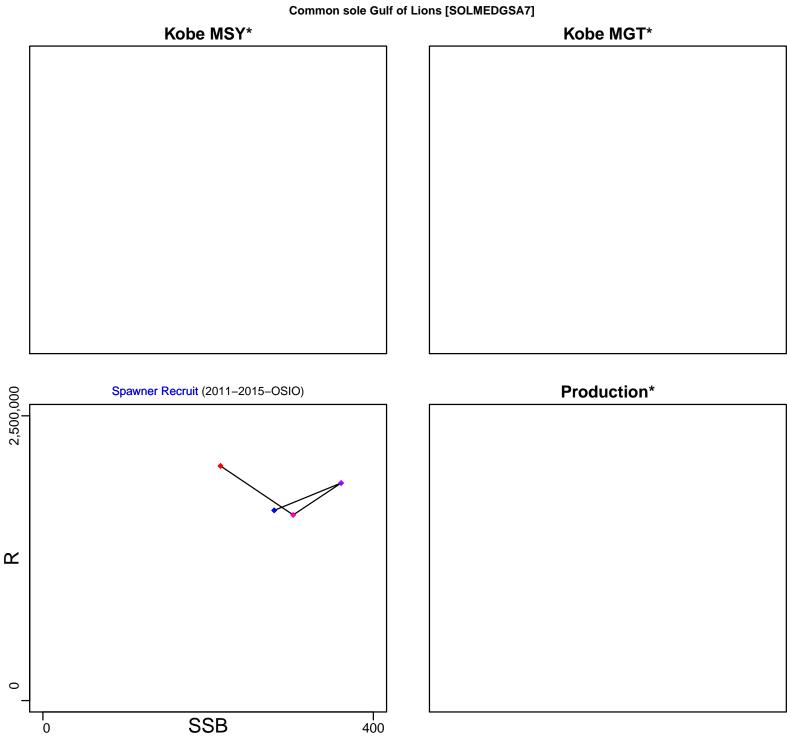


Common sole Gulf of Lions [SOLMEDGSA7]

Metadata				
Scientific Name	Solea solea			
Current Assess ID	STECF-SOLMEDGSA7-2011-2015-OSIO			
Area	Gulf of Lions			
Management Authority	General Fisheries Council for the Mediterranean, DG MARE, and national states			
Assessor	Scientific, Technical and Economic Committee for Fisheries			
Asmts in RAM	2015			

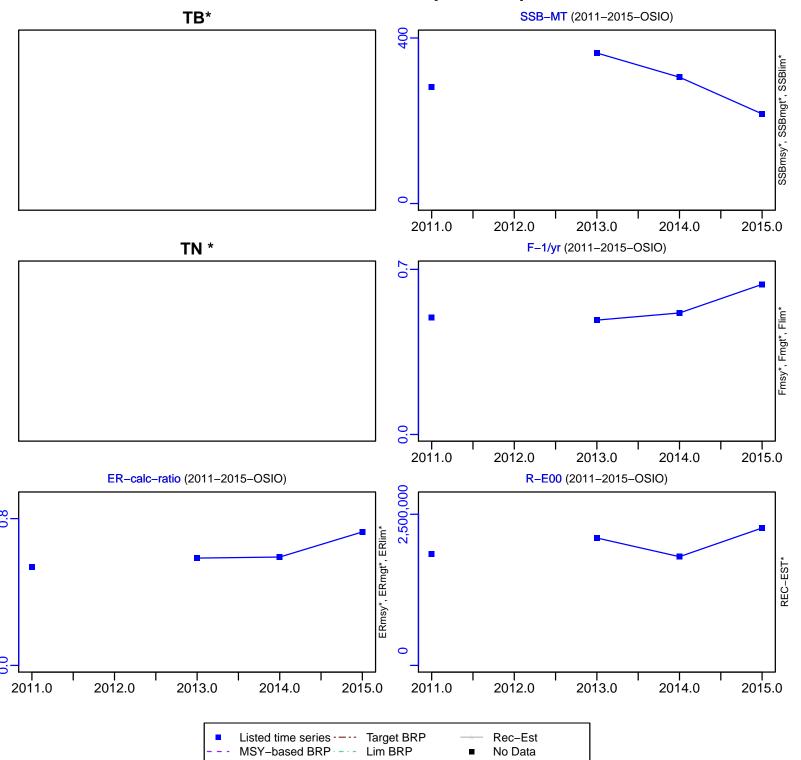
Reference Points					
Туре	ID	Asmt Year	Value		
TBmsy	-	-	-		
SSBmsy	-	-	-		
Fmsy	-	-	-		
ERmsy	-	-	-		
TBmgt	-	-	-		
SSBmgt	-	-	-		
Fmgt	-	-	-		
ERmgt	-	-	-		
TB0	-	-	-		
SSB0	-	-	-		
MSY	-	-	-		
М	-	-	-		
TBlim	-	-	-		
SSBlim	-	-	-		
Flim	-	-	-		
ERlim	-	-	-		

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	-	-	-	-	-
SSB	SSB-MT	2015	215	-	-
TN	-	-	-	-	-
R	R-E00	2015	2,060,000	-	-
F	F-1/yr	2015	1	-	-
ER	ER-calc-ratio	2015	1	-	-
TC	-	-	-		
TL	TL-MT	2015	184		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

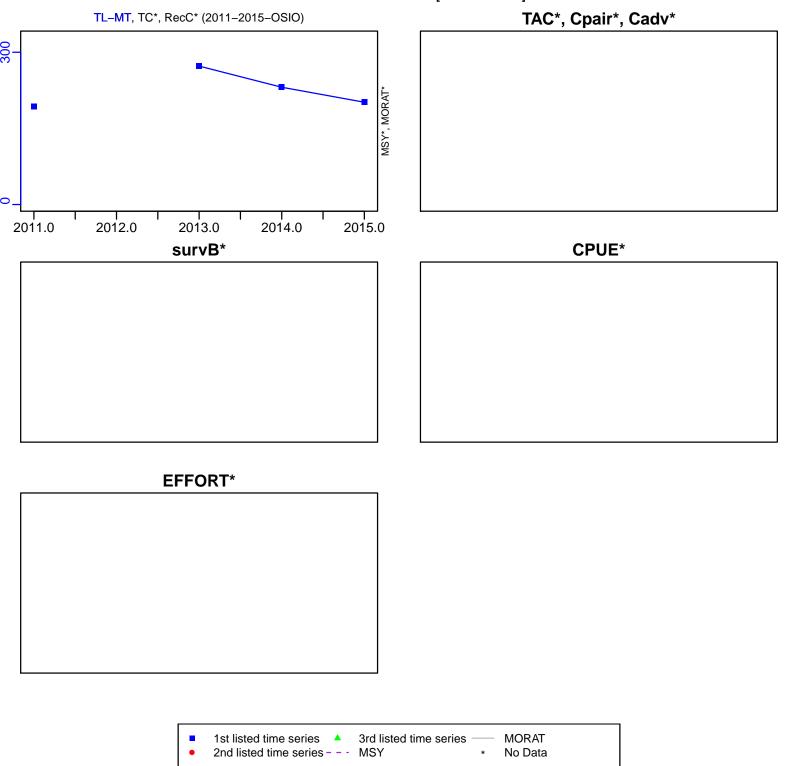


Start Year ◆ End Year * No Data

Common sole Gulf of Lions [SOLMEDGSA7]



Common sole Gulf of Lions [SOLMEDGSA7]

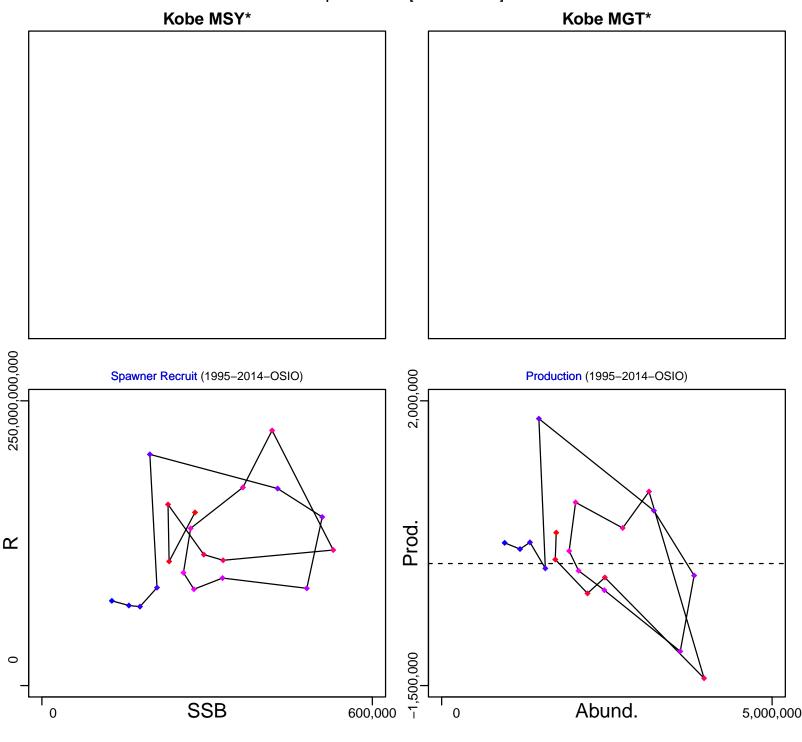


Sprat Black Sea [SPRBLKGSA29]

Metadata				
Scientific Name	Sprattus sprattus			
Current Assess ID	STECF-SPRBLKGSA29-1995-2014-OSIO			
Area	Black Sea			
Management Authority	General Fisheries Council for the Mediterranean, DG MARE, and national states			
Assessor	Scientific, Technical and Economic Committee for Fisheries			
Asmts in RAM	2010, 2014			

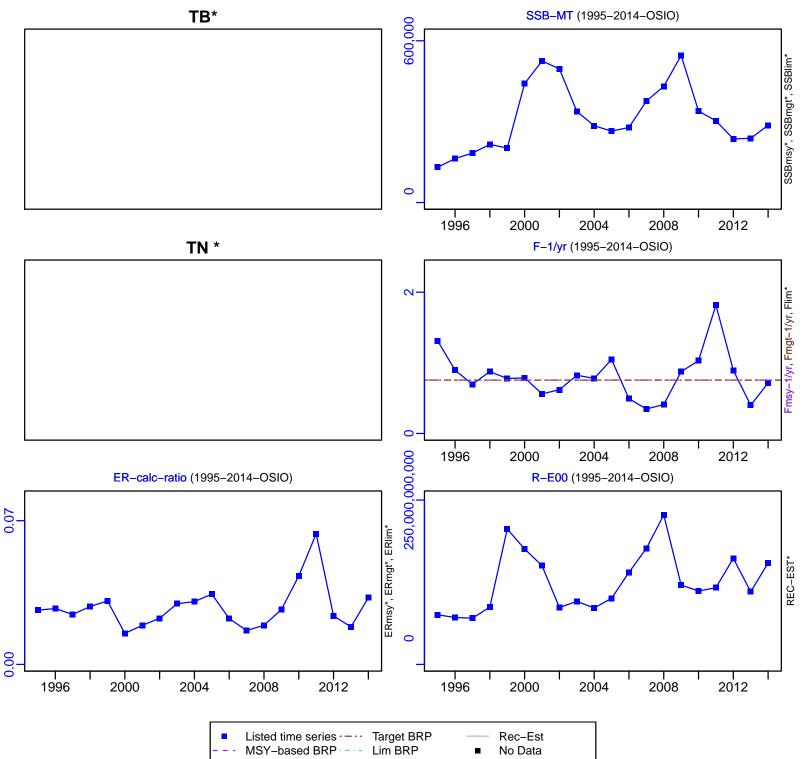
Reference Points					
Туре	ID	Asmt Year	Value		
TBmsy	-	-	-		
SSBmsy	-	-	-		
Fmsy	Fmsy-1/yr	2014	0.64		
ERmsy	-	-	-		
TBmgt	-	-	-		
SSBmgt	-	-	-		
Fmgt	Fmgt-1/yr	2014	0.64		
ERmgt	-	-	-		
TB0	-	-	-		
SSB0	-	-	-		
MSY	-	-	-		
М	-	-	-		
TBlim	-	-	-		
SSBlim	-	-	-		
Flim	Flim-1/yr	2010	0.64		
ERlim	-	-	-		

	Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age	
ТВ	-	-	-	-	-	
SSB	SSB-MT	2014	278,000	-	-	
TN	-	-	-	-	-	
R	R-E00	2014	1.52×10^{11}	-	-	
F	F-1/yr	2014	1	-	-	
ER	ER-calc-ratio	2014	0	-	-	
TC	TC-MT	2014	58,400			
TL	TL-MT	2010	91,700			
TB/TBmsy	-	-	-			
SSB/SSBmsy	-	-	-			
F/Fmsy	F-1/yr/Fmsy-1/yr	2014	0.95			
ER/ERmsy	-	-	-			
TB/TBmgt	-	-	-			
SSB/SSBmgt	-	-	-			
F/Fmgt	F-1/yr/Fmgt-1/yr	2014	0.95			
ER/ERmgt	-	-	-			

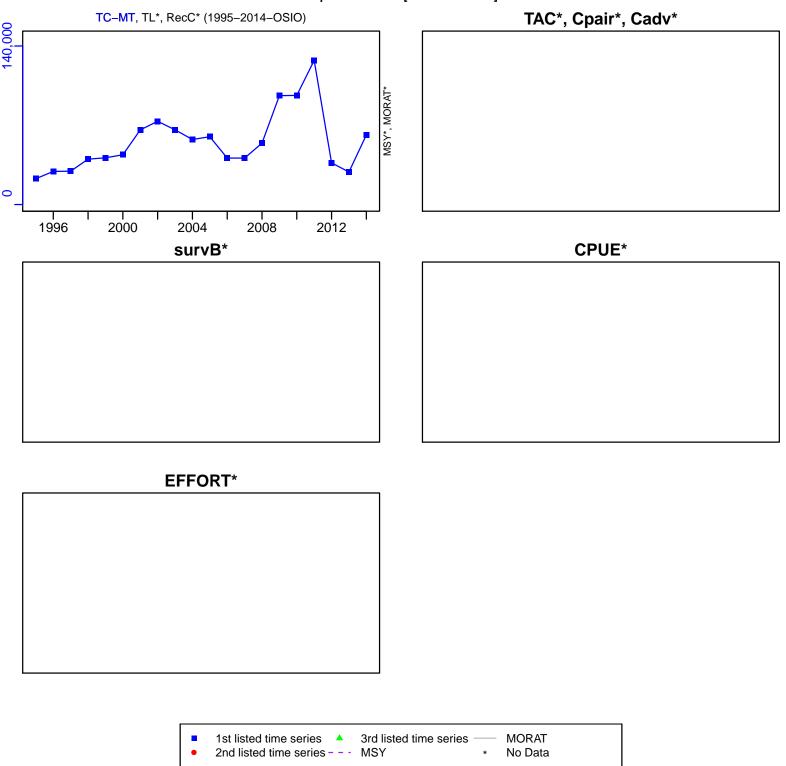


Start Year • End Year * No Data

Sprat Black Sea [SPRBLKGSA29]



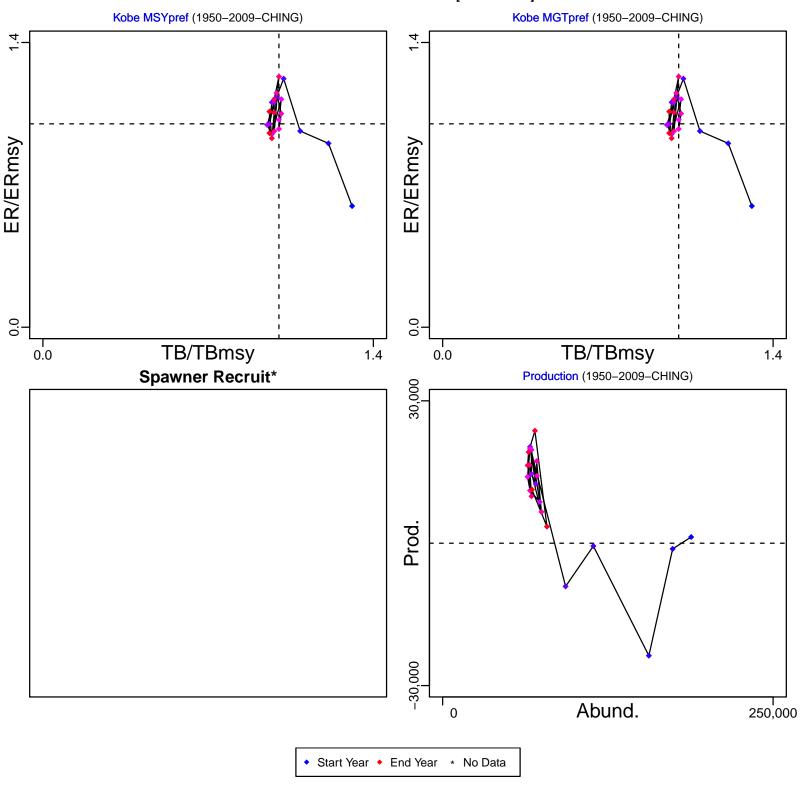
Sprat Black Sea [SPRBLKGSA29]

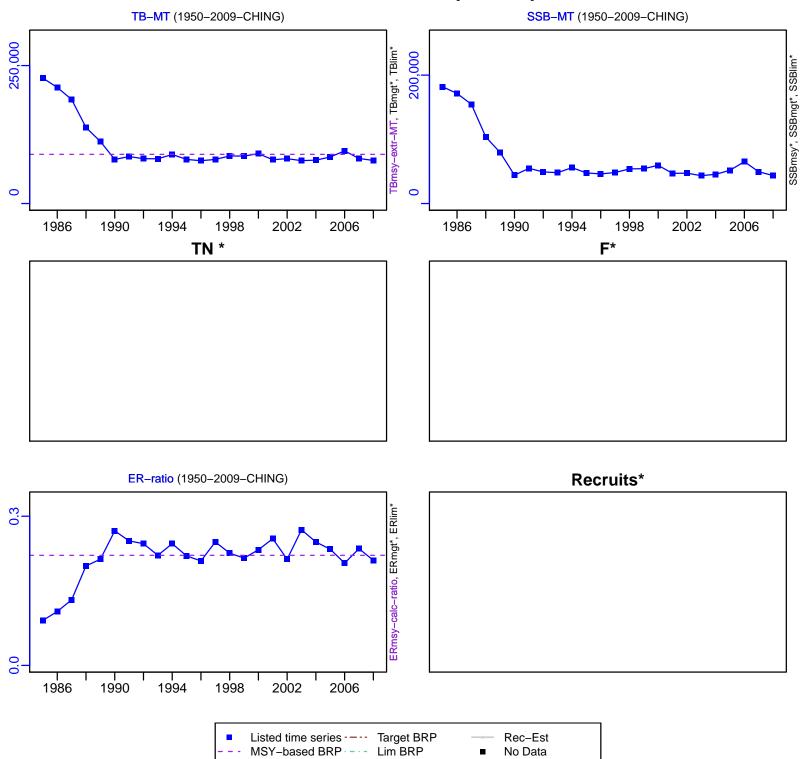


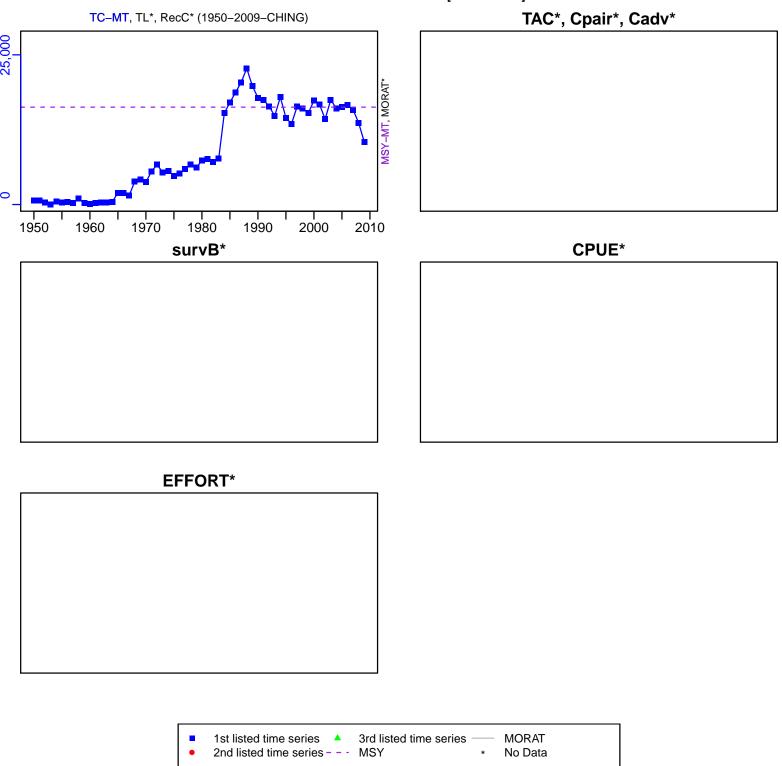
Metadata				
Scientific Name	Xiphias gladius			
Current Assess ID	ICCAT-SWORDMED-1950-2009-CHING			
Area	Mediterranean Sea			
Management Authority	International Commission for the Conservation of Atlantic Tunas			
Assessor	International Commission for the Conservation of Atlantic Tunas			
Asmts in RAM	2009			

Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	TBmsy-extr-MT	2009	73,728	
SSBmsy	-	-	-	
Fmsy	Fmsy-1/yr	2009	0.26	
ERmsy	ERmsy-calc-ratio	2009	0.2	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	-	-	-	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	-	-	-	
MSY	MSY-MT	2009	14,600	
M	-	-	-	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2009	64,600	-	-
SSB	SSB-MT	2009	33,600	-	3+
TN	-	-	-	-	-
R	-	-	-	-	-
F	-	-	-	-	-
ER	ER-ratio	2009	0	-	-
TC	TC-MT	2009	9340		
TL	-	-	-	1	
TB/TBmsy	TBdivTBmsy-dimensionless	2009	0.96		
SSB/SSBmsy	-	-	-		
F/Fmsy	FdivFmsy-dimensionless	2009	0.89]	
ER/ERmsy	ER-ratio/ERmsy-calc-ratio	2009	0.95		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		







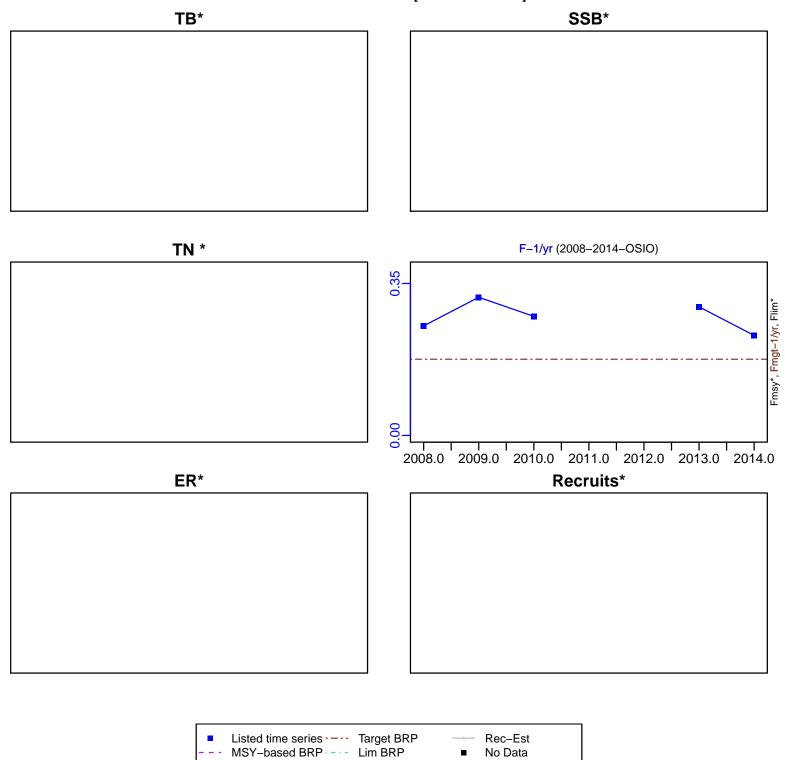
Metadata				
Scientific Name	Raja clavata			
Current Assess ID	STECF-TBSKAMEDGSA29-2008-2014-OSIO			
Area	Black Sea			
Management Authority	General Fisheries Council for the Mediterranean, DG MARE, and national states			
Assessor Scientific, Technical and Economic Committee for Fisheries				
Asmts in RAM	2014			

Reference Points					
Туре	ID	Asmt Year	Value		
TBmsy	-	-	-		
SSBmsy	-	-	-		
Fmsy	-	-	-		
ERmsy	-	-	-		
TBmgt	-	-	-		
SSBmgt	-	-	-		
Fmgt	Fmgt-1/yr	2014	0.16		
ERmgt	-	-	-		
TB0	-	-	-		
SSB0	-	-	-		
MSY	-	-	-		
М	-	-	-		
TBlim	-	-	-		
SSBlim	-	-	-		
Flim	-	-	-		
ERlim	-	-	-		

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	-	-	-	-	-
SSB	-	-	-	-	-
TN	-	-	-	-	-
R	-	-	-	-	-
F	F-1/yr	2014	0	-	-
ER	-	-	-	-	-
TC	-	-	-		
TL	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	F-1/yr/Fmgt-1/yr	2014	1.31		
ER/ERmgt	-	-	-		

Production*
-

◆ Start Year ◆ End Year * No Data



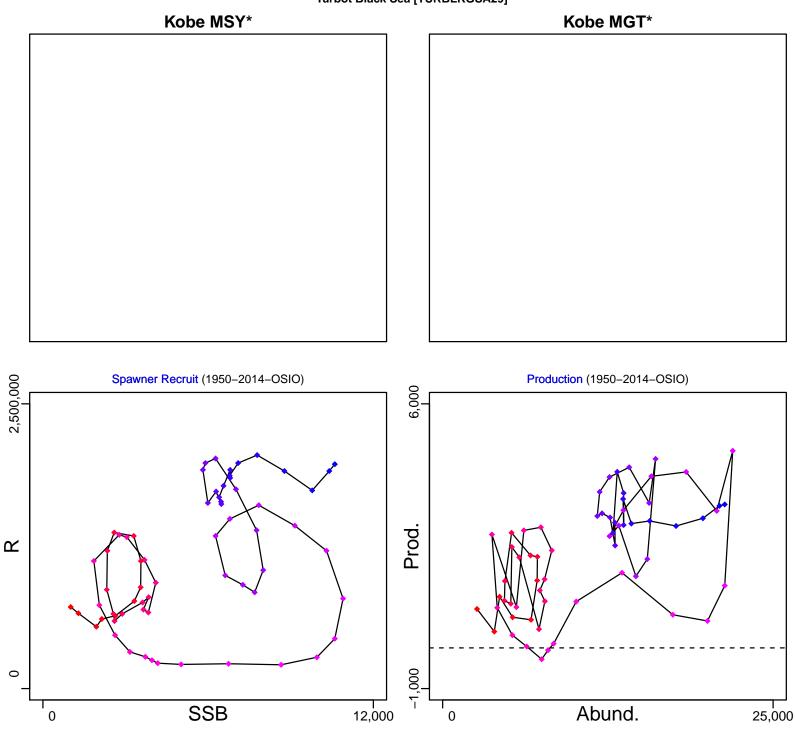
TC*, TL*, RecC*	TAC*, Cpair*, Cadv*
survB*	CPUE*
EFFORT*	
EFFORT	
■ 1st listed time series ▲ 3rd	listed time series — MORAT
2nd listed time series MS*	Y * No Data

Turbot Black Sea [TURBLKGSA29]

Metadata			
Scientific Name	Psetta maxima		
Current Assess ID	STECF-TURBLKGSA29-1950-2014-OSIO		
Area	Black Sea		
Management Authority	General Fisheries Council for the Mediterranean, DG MARE, and national states		
Assessor	Scientific, Technical and Economic Committee for Fisheries		
Asmts in RAM	2014, 2010		

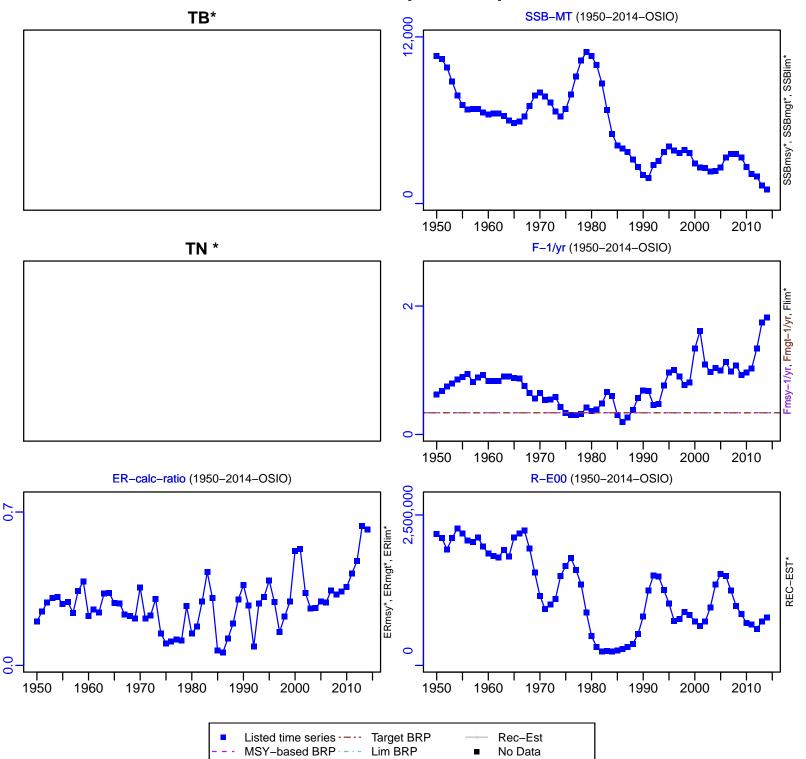
Reference Points					
Туре	ID	Asmt Year	Value		
TBmsy	-	-	-		
SSBmsy	-	-	-		
Fmsy	Fmsy-1/yr	2014	0.26		
ERmsy	-	-	-		
TBmgt	-	-	-		
SSBmgt	-	-	-		
Fmgt	Fmgt-1/yr	2014	0.26		
ERmgt	-	-	-		
TB0	-	-	-		
SSB0	-	-	-		
MSY	-	-	-		
М	M-1/yr	2010	0.19		
TBlim	-	-	-		
SSBlim	SSBlim-MT	2014	3535		
Flim	-	-	-		
ERlim	-	-	-		

Time Series					
Туре	ID	ID Asmt Year Curr Value		Sex	Age
ТВ	-	-	-	-	-
SSB	SSB-MT	2014	1010	-	4+
TN	-	-	-	-	-
R	R-E00	2014	716,000	-	-
F	F-1/yr	2014	1	-	-
ER	ER-calc-ratio	2014	1	-	-
TC	TC-MT	2014	1160		
TL	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	F-1/yr/Fmsy-1/yr	2014	5.38		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	F-1/yr/Fmgt-1/yr	2014	5.38		
ER/ERmgt	-	-	-		

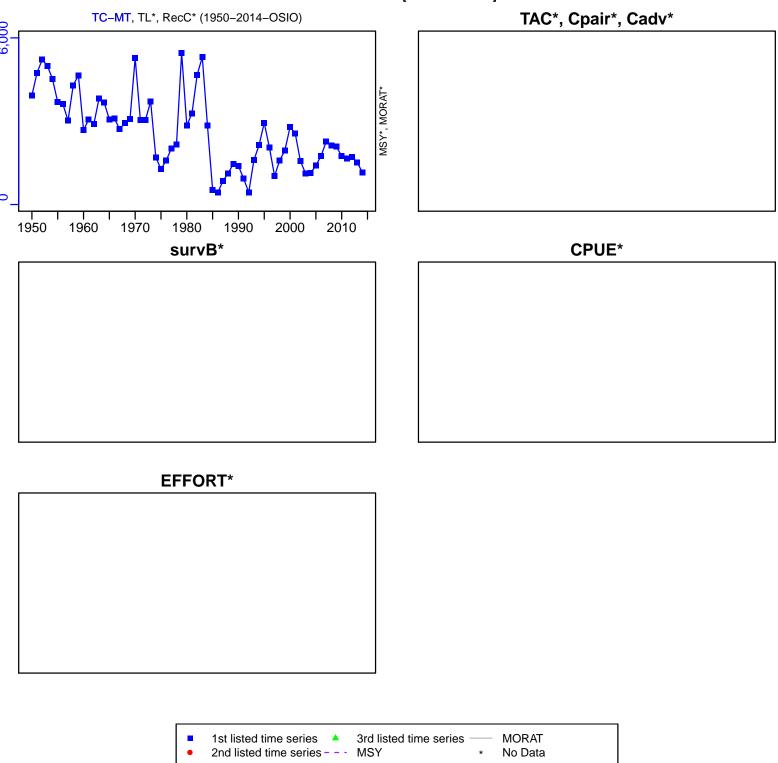


Start Year → End Year → No Data

Turbot Black Sea [TURBLKGSA29]



Turbot Black Sea [TURBLKGSA29]

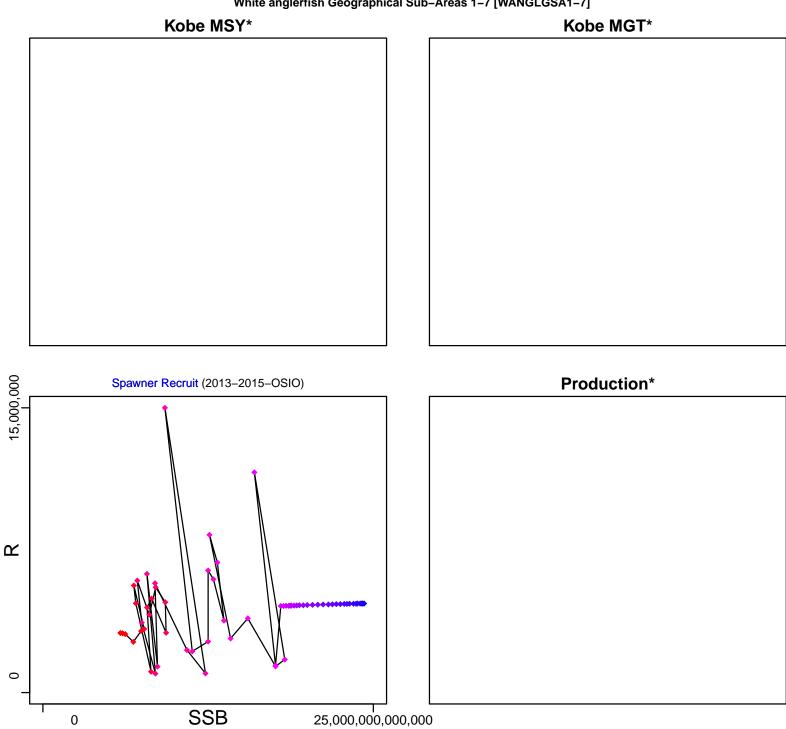


White anglerfish Geographical Sub-Areas 1-7 [WANGLGSA1-7]

Metadata			
Scientific Name	Lophius piscatorius		
Current Assess ID	STECF-WANGLGSA1-7-2013-2015-OSIO		
Area Geographical Sub-Areas 1-7			
Management Authority	General Fisheries Council for the Mediterranean, DG MARE, and national states		
Assessor	Scientific, Technical and Economic Committee for Fisheries		
Asmts in RAM	2015		

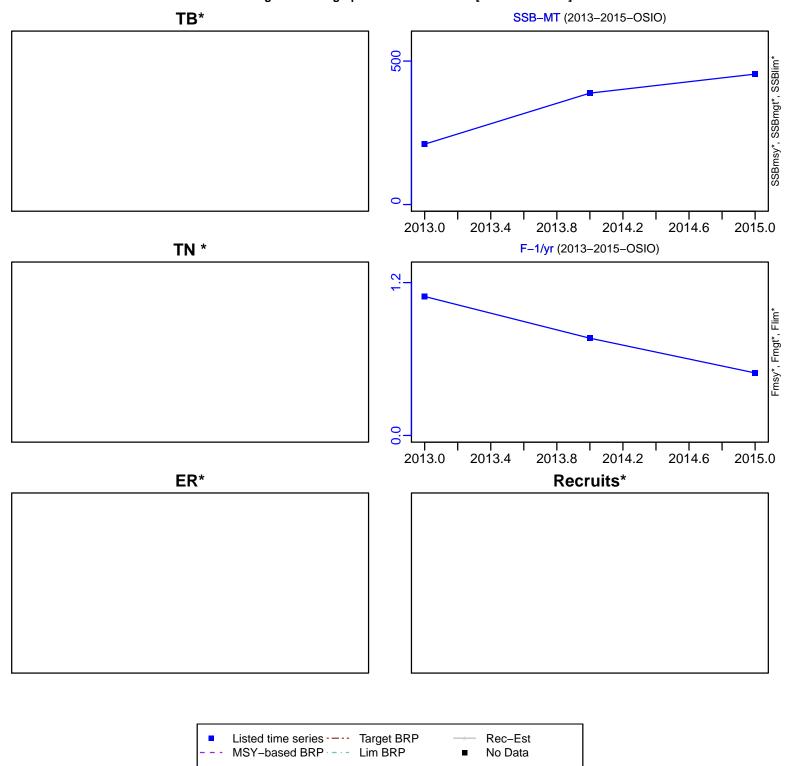
Reference Points					
Туре	ID	Asmt Year	Value		
TBmsy	-	-	-		
SSBmsy	-	-	-		
Fmsy	-	-	-		
ERmsy	-	-	-		
TBmgt		-	-		
SSBmgt	-	-	-		
Fmgt	-	-	-		
ERmgt	-	-	-		
TB0	-	-	-		
SSB0	-	-	-		
MSY	-	-	-		
М		-	-		
TBlim	-	-	-		
SSBlim	-	-	-		
Flim	-	-	-		
ERlim	-	-	-		

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



Start Year ◆ End Year * No Data

White anglerfish Geographical Sub-Areas 1-7 [WANGLGSA1-7]



White anglerfish Geographical Sub-Areas 1-7 [WANGLGSA1-7]

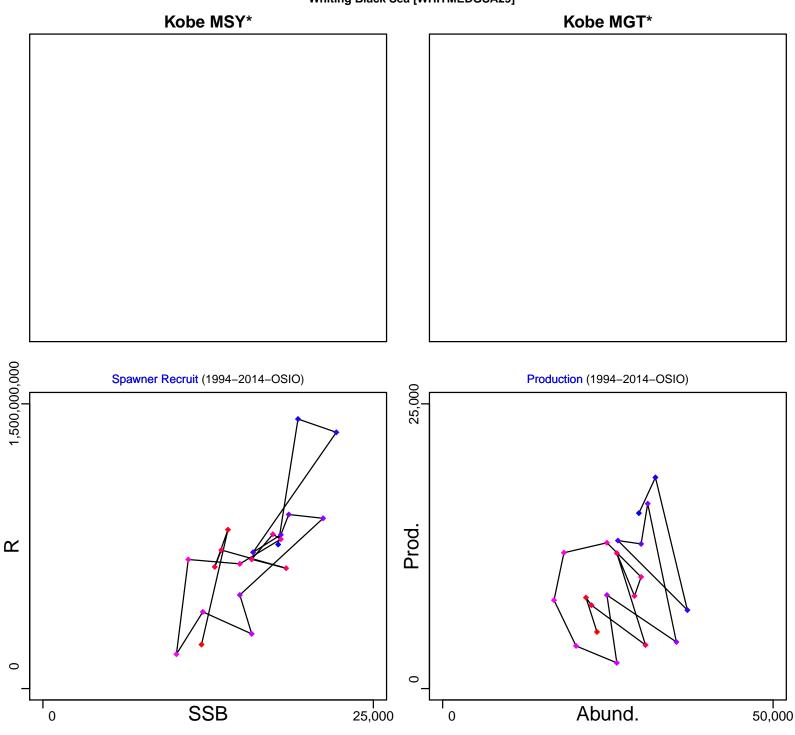
TC*, TL*, RecC*	TAC*, Cpair*, Cadv*
survB*	CPUE*
EFFORT*	
LITORI	
 1st listed time series A 3rd 2nd listed time series MS* 	listed time series — MORAT Y * No Data

Whiting Black Sea [WHITMEDGSA29]

Metadata			
Scientific Name	Merlangius merlangus		
Current Assess ID	STECF-WHITMEDGSA29-1994-2014-OSIO		
Area	Black Sea		
Management Authority	General Fisheries Council for the Mediterranean, DG MARE, and national states		
Assessor	Scientific, Technical and Economic Committee for Fisheries		
Asmts in RAM	2011, 2014		

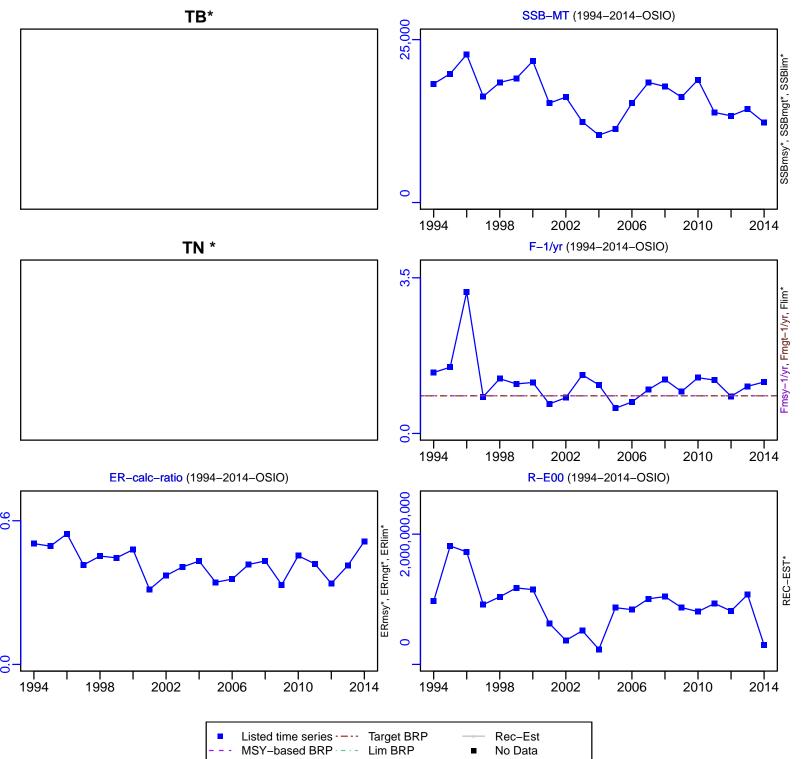
Reference Points					
Туре	ID	Asmt Year	Value		
TBmsy	-	-	-		
SSBmsy	-	-	-		
Fmsy	Fmsy-1/yr	2014	0.79		
ERmsy	-	-	-		
TBmgt	-	-	-		
SSBmgt	-	-	-		
Fmgt	Fmgt-1/yr	2014	0.79		
ERmgt	-	-	-		
TB0	-	-	-		
SSB0	-	-	-		
MSY	-	-	-		
М	M-1/yr	2011	0.46		
TBlim	-	-	-		
SSBlim	-	-	-		
Flim	-	-	-		
ERlim	-	-	-		

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	-	-	-	-	-
SSB	SSB-MT	2014	12,000	-	1+
TN	-	-	-	-	-
R	R-E00	2014	2.32×10^{8}	-	-
F	F-1/yr	2014	1	-	-
ER	ER-calc-ratio	2014	0	-	-
TC	TC-MT	2014	8860		
TL	TL-MT	2011	8250		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	F-1/yr/Fmsy-1/yr	2014	1.37		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	F-1/yr/Fmgt-1/yr	2014	1.37		
ER/ERmgt	-	-	-		



Start Year → End Year → No Data

Whiting Black Sea [WHITMEDGSA29]



Whiting Black Sea [WHITMEDGSA29]

