

Europe non EU Stocks

v4.495 (Apr-21-2021)

Not present Present Preferred

Stock	B/Bmsy	Time Series Types			
		U/Umsy	B/Bmgt	U/Umgt	
1. BLINGVa-XIV [Blue ling ICES 5a-14]	TB SSB	ER F	TB SSB	ER F	
2. CAPEIIa-V-XIV [Capelin ICES 2a-5-14]	TB SSB	ER F	TB SSB	ER F	
3. CAPENOR [Capelin Barents Sea]	TB SSB	ER F	TB SSB	ER F	
4. COD1F-XIV [Atlantic cod NAFO 1F and ICES 14]	TB SSB	ER F	TB SSB	ER F	
5. CODFABNK [Atlantic cod Faroe Bank]	TB SSB	ER F	TB SSB	ER F	
6. CODFAPL [Atlantic cod Faroe Plateau]	TB SSB	ER F	TB SSB	ER F	
7. CODICE [Atlantic cod Iceland Grounds]	TB SSB	ER F	TB SSB	ER F	
8. CODNEAR [Atlantic cod North-East Arctic]	TB SSB	ER F	TB SSB	ER F	
9. CODNEARNCW [Atlantic cod North-East Arctic (Norwegian coastal waters)]	TB SSB	ER F	TB SSB	ER F	
10. CUSKI-II [Tusk North-East Arctic]	TB SSB	ER F	TB SSB	ER F	
11. GHALNEAR [Greenland halibut North-East Arctic]	TB SSB	ER F	TB SSB	ER F	
12. GOLDREDNEAR [Golden redfish North-East Arctic]	TB SSB	ER F	TB SSB	ER F	
13. GSSMELTVa-XIV [Greater silver smelt ICES 5a-14]	TB SSB	ER F	TB SSB	ER F	
14. GSSMELTVb-VIa [Greater silver smelt ICES 5b-6a]	TB SSB	ER F	TB SSB	ER F	
15. HADFAPL [Haddock Faroe Plateau]	TB SSB	ER F	TB SSB	ER F	
16. HADICE [Haddock Iceland Grounds]	TB SSB	ER F	TB SSB	ER F	
17. HADNEAR [Haddock North-East Arctic]	TB SSB	ER F	TB SSB	ER F	
18. HERRIsum [Herring Iceland (Summer spawners)]	TB SSB	ER F	TB SSB	ER F	
19. HERRNORSS [Herring ICES 1-2-4a-5-14a (Norwegian Spring Spawners)]	TB SSB	ER F	TB SSB	ER F	
20. LINGI-II [Ling North-East Arctic]	TB SSB	ER F	TB SSB	ER F	
21. LINGVa [Ling Iceland Grounds]	TB SSB	ER F	TB SSB	ER F	
22. LINGVb [Ling Faroe Grounds]	TB SSB	ER F	TB SSB	ER F	
23. PANDALI-II [Northern shrimp North-East Arctic]	TB SSB	ER F	TB SSB	ER F	
24. POLLFAPL [Pollock Faroe Plateau]	TB SSB	ER F	TB SSB	ER F	
25. POLLIEG [Pollock Iceland Grounds]	TB SSB	ER F	TB SSB	ER F	
26. POLLNEAR [Pollock North-East Arctic]	TB SSB	ER F	TB SSB	ER F	
27. REDDEEPDP-1-2-V-XII-XIV [Beaked redfish ICES 5-12-14 and NAFO Subareas 1-2 (deep)]	TB SSB	ER F	TB SSB	ER F	
28. REDDEEPI-II [Deepwater redfish North-East Arctic]	TB SSB	ER F	TB SSB	ER F	
29. REDDEEPSH1-2-V-XII-XIV [Beaked redfish ICES 5-12-14 and NAFO Subareas 1-2 (shallow)]	TB SSB	ER F	TB SSB	ER F	
30. REDDEEPPVa-XIV [Beaked redfish ICES 5a-14]	TB SSB	ER F	TB SSB	ER F	

Blue ling ICES 5a-14 [BLINGVa-XIV]

Metadata	
Scientific Name	Molva dypterygia
Current Assess ID	WGDEEP-BLINGVa-XIV-1973-2018-ICESIMP2021
Area	ICES 5a-14
Management Authority	International Council for the Exploration of the Sea
Assessor	Working Group on the Biology and Assessment of Deep-Sea Fisheries Resources
Asmts in RAM	2018, 2016, 2016, 2017

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

Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	-	-	-	-	-
SSB	-	-	-	-	-
TN	-	-	-	-	-
R	R-E00	2018	26,400	-	-
F	F-1/yr	2016	0.834	-	-
ER	-	-	-	-	-
TC	TC-MT	2018	592		
TL	TL-MT	2016	1810		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

Kobe MSY*



Kobe MGT*



Spawner Recruit*



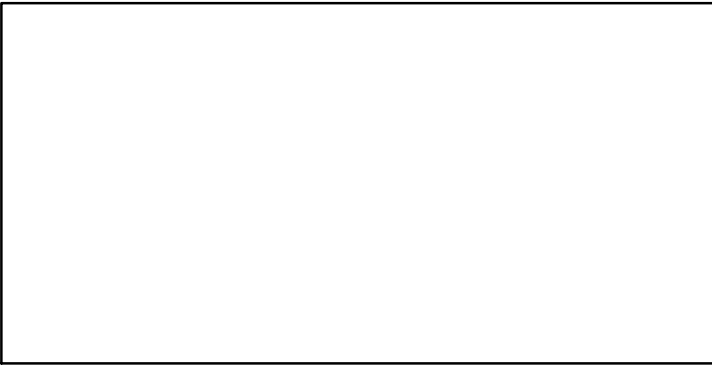
Production*



◆ Start Year ◆ End Year * No Data

Blue ling ICES 5a-14 [BLINGVa-XIV]

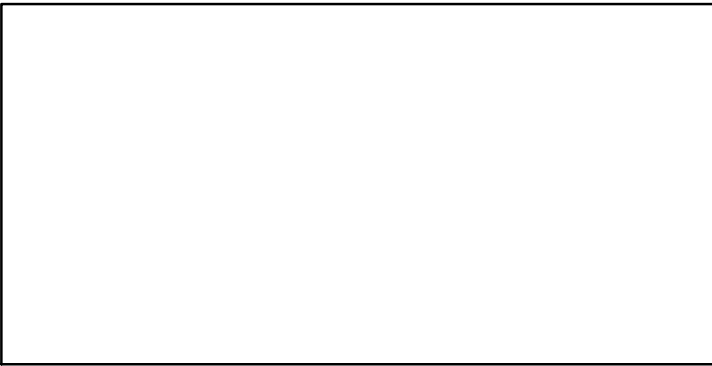
TB*



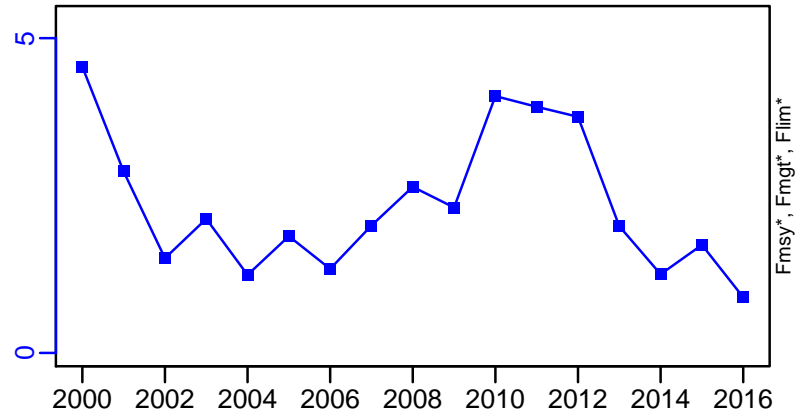
SSB*



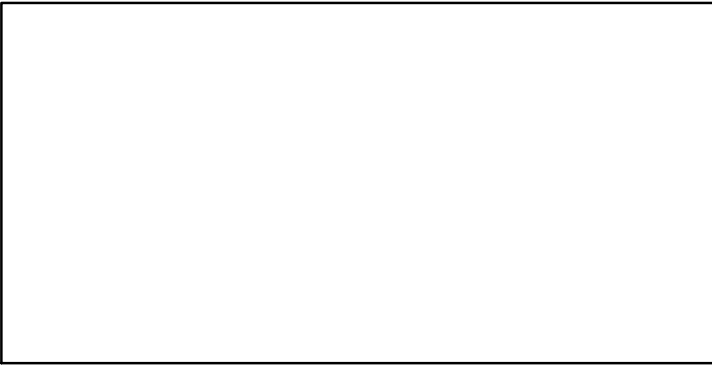
TN *



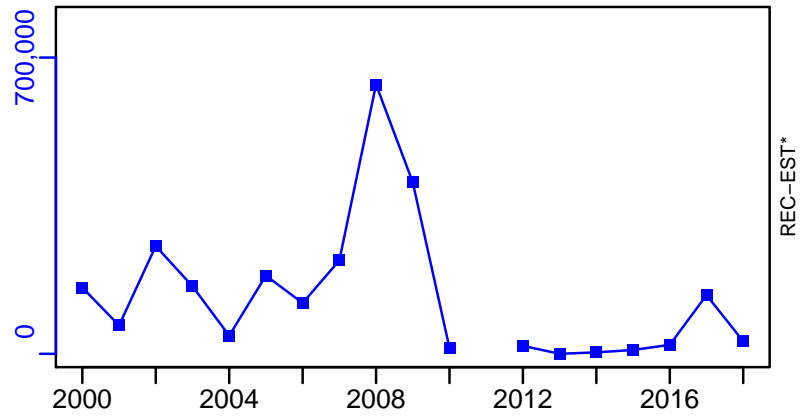
F-1/yr (2000-2016-ICESIMP2018)



ER*

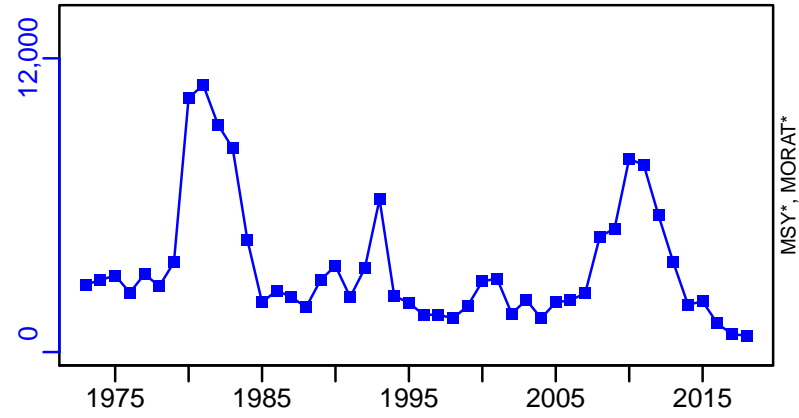


R-E00 (1973-2018-ICESIMP2021)



Blue ling ICES 5a-14 [BLINGVa-XIV]

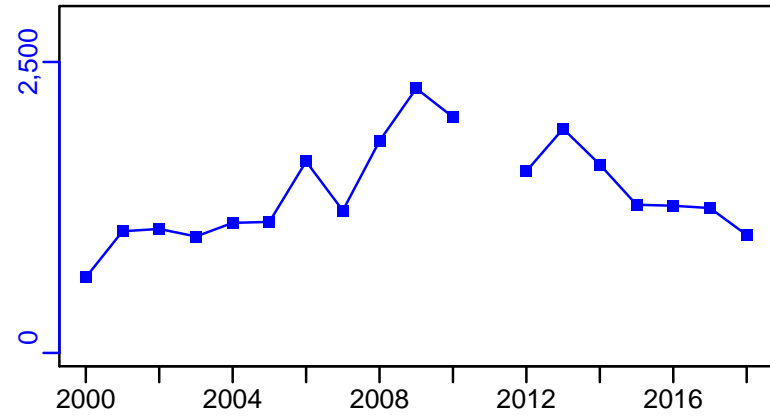
TC-MT, TL*, RecC* (1973-2018-ICESIMP2021)



TAC*, Cpair*, Cadv*



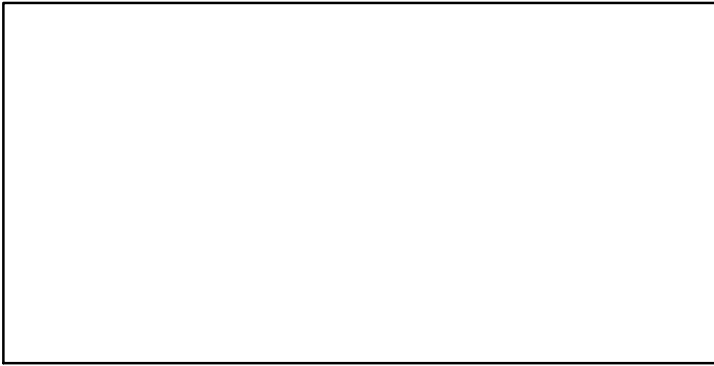
survB-MT (1973-2018-ICESIMP2021)



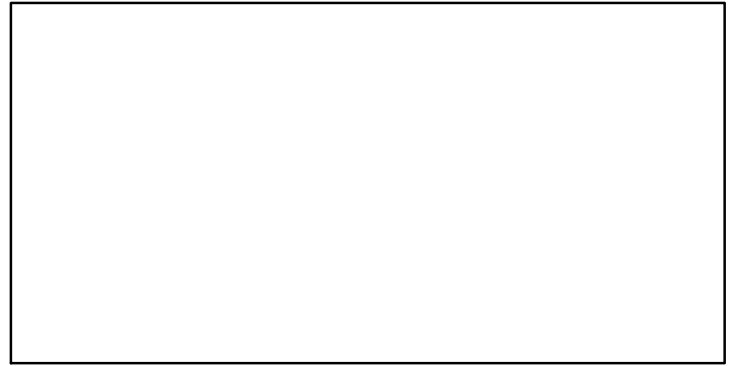
CPUE*



EFFORT*



CdivMSY*



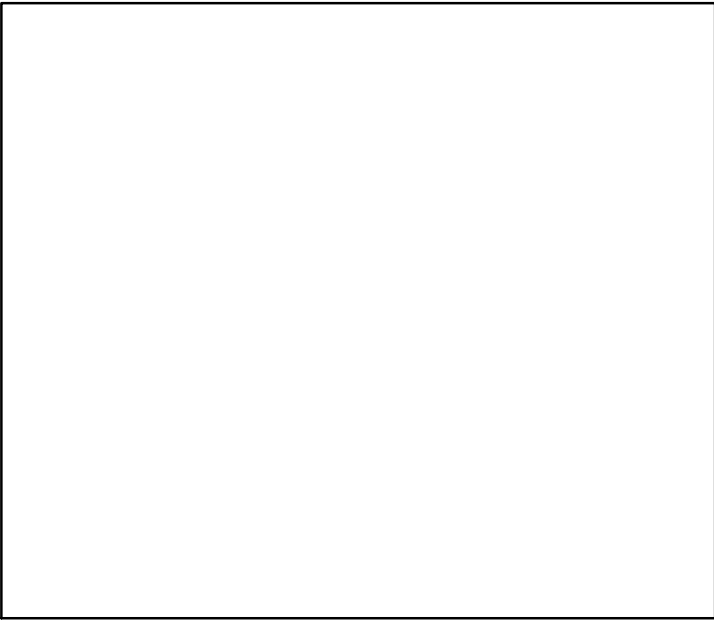
Capelin ICES 2a-5-14 [CAPEIIa-V-XIV]

Metadata	
Scientific Name	Mallotus villosus
Current Assess ID	NWWG-CAPEIIa-V-XIV-1979-2019-ICESIMP2021
Area	ICES 2a-5-14
Management Authority	International Council for the Exploration of the Sea
Assessor	North-Western Working Group
Asmts in RAM	2010, 2014, 2016, 2015, 2017, 2019

Reference Points			
Type	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	-	-	-
Fmsy	-	-	-
ERmsy	-	-	-
TBmgt	-	-	-
SSBmgt	SSBmgt-MT	2019	150,000
Fmgt	-	-	-
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	-	-	-
M	-	-	-
TBlim	-	-	-
SSBlim	SSBlim-MT	2017	150,000
Flim	-	-	-
ERlim	-	-	-

Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	-	-	-	-	-
SSB	SSB-MT	2019	82,790	-	-
TN	-	-	-	-	-
R	R-index	2019	82,600,000	-	0
F	-	-	-	-	-
ER	ER-ratio	2010	0.016	-	-
TC	TC-MT	2019	0		
TL	TL-MT	2019	0		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2019	0.552		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

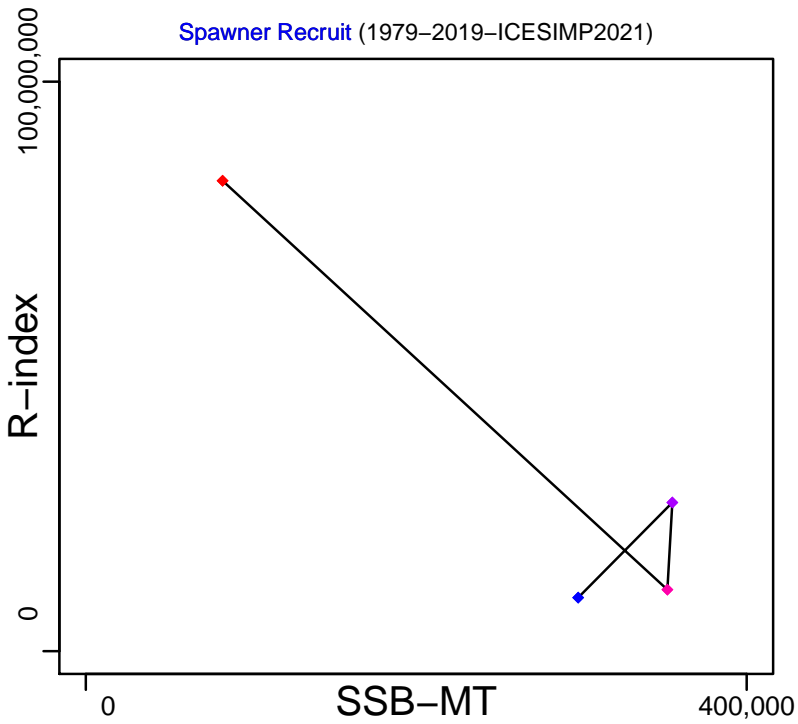
Kobe MSY*



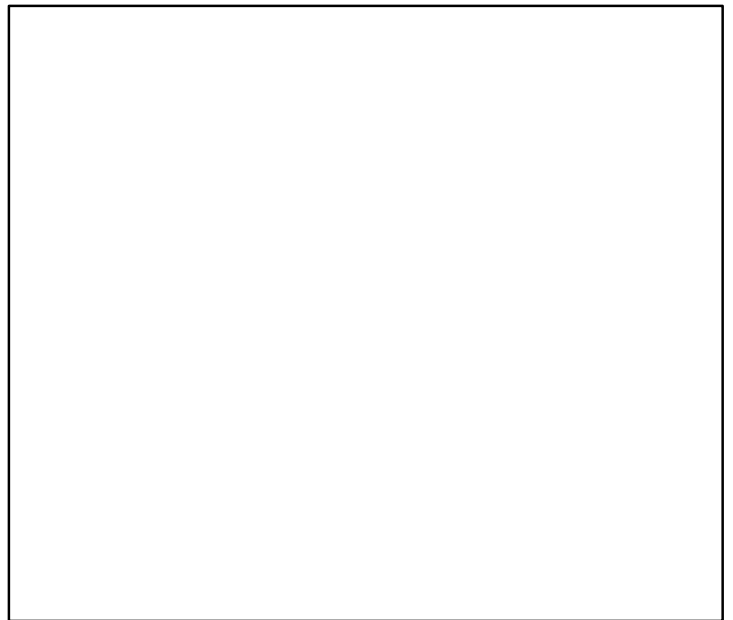
Kobe MGT*



Spawner Recruit (1979-2019-ICESIMP2021)



Production*



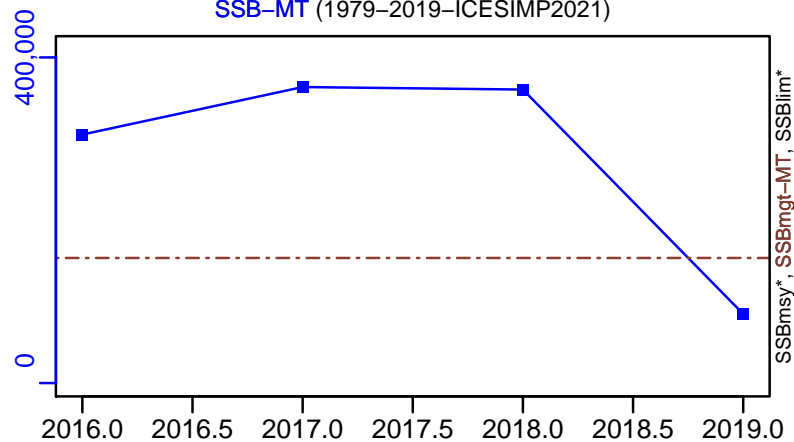
◆ Start Year ◆ End Year * No Data

Capelin ICES 2a-5-14 [CAPElla-V-XIV]

TB*



SSB-MT (1979-2019-ICESIMP2021)



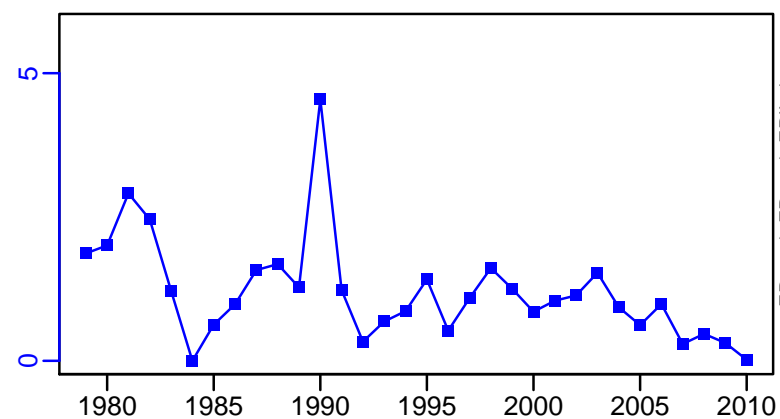
TN *



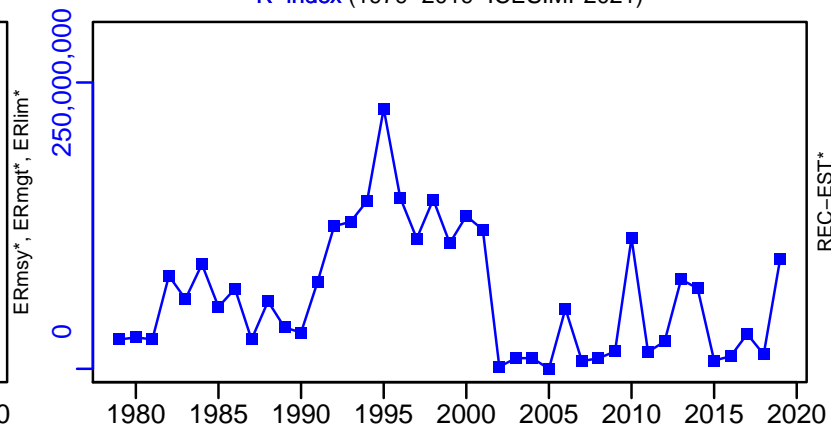
F*



ER-ratio (1977-2010-NEUBAUER)

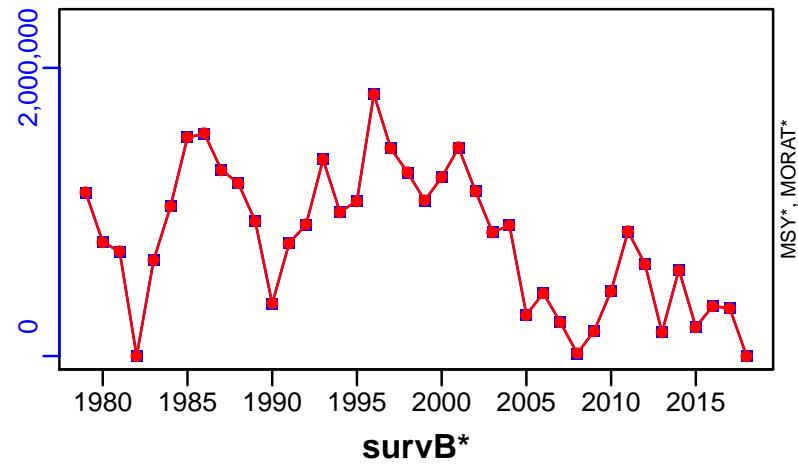


R-index (1979-2019-ICESIMP2021)



Capelin ICES 2a-5-14 [CAPElla-V-XIV]

TC-MT, TL-MT, RecC* (1979-2019-ICESIMP2021)



TAC*, Cpair*, Cadv*



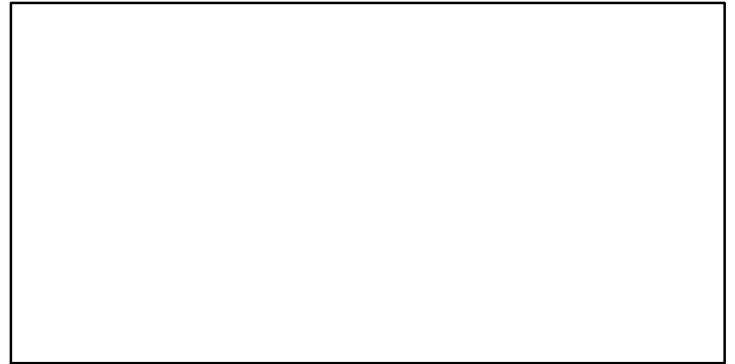
CPUE*



EFFORT*



CdivMSY*



■ 1st listed time series ▲ 3rd listed time series — MORAT
● 2nd listed time series - - - MSY * No Data

Capelin Barents Sea [CAPENOR]

Metadata	
Scientific Name	Mallotus villosus
Current Assess ID	AFWG-CAPENOR-1972-2018-ICESIMP2021
Area	Barents Sea
Management Authority	International Council for the Exploration of the Sea
Assessor	Arctic Fisheries Working Group
Asmts in RAM	2007, 2016, 2017, 2018

Reference Points			
Type	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	-	-	-
Fmsy	-	-	-
ERmsy	-	-	-
TBmgt	-	-	-
SSBmgt	-	-	-
Fmgt	-	-	-
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	-	-	-
M	-	-	-
TBlim	-	-	-
SSBlim	SSBlim-MT	2017	2×10^5
Flim	-	-	-
ERlim	-	-	-

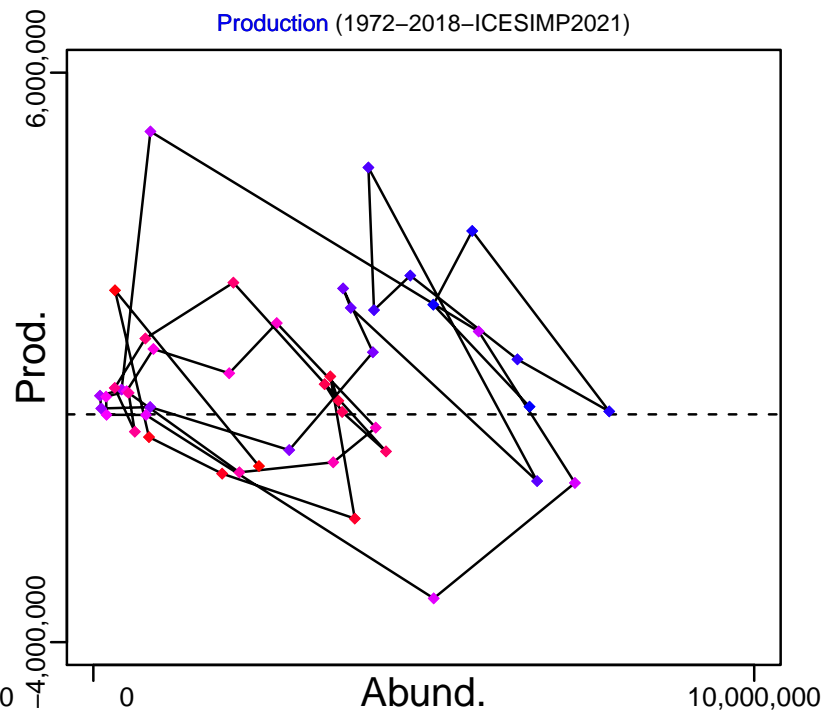
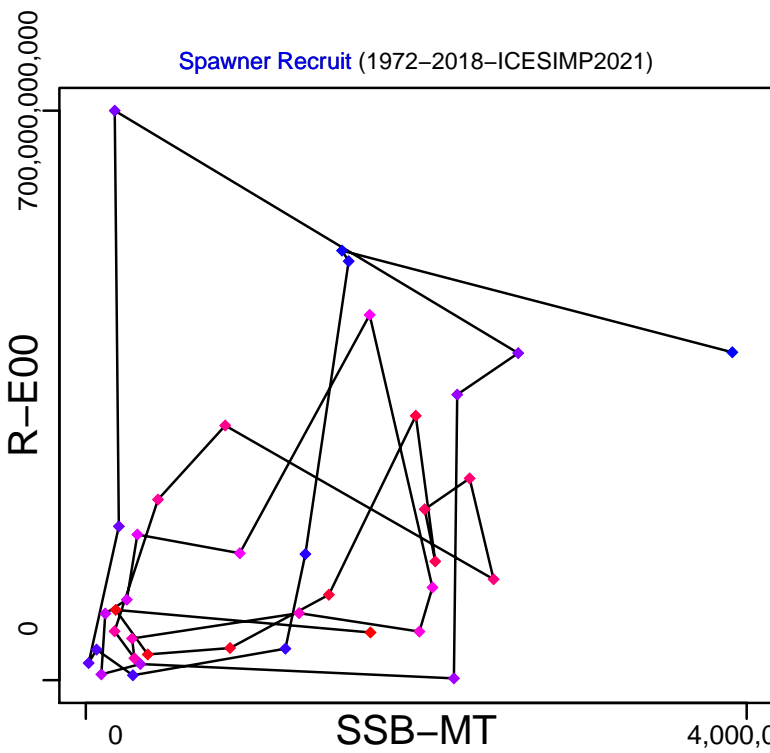
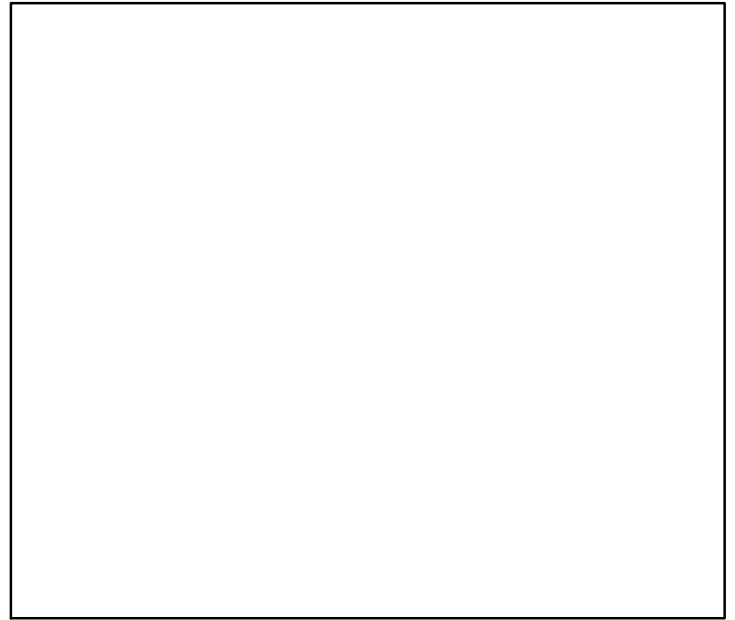
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	TB-MT	2018	1,597,000	-	-
SSB	SSB-MT	2018	1,056,000	-	-
TN	-	-	-	-	-
R	R-E00	2018	5.86×10^{10}	-	1
F	-	-	-	-	-
ER	ER-calc-ratio	2018	0.122	-	-
TC	TC-MT	2018	195,000		
TL	TL-MT	2018	195,000		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

Capelin Barents Sea [CAPENOR]

Kobe MSY*



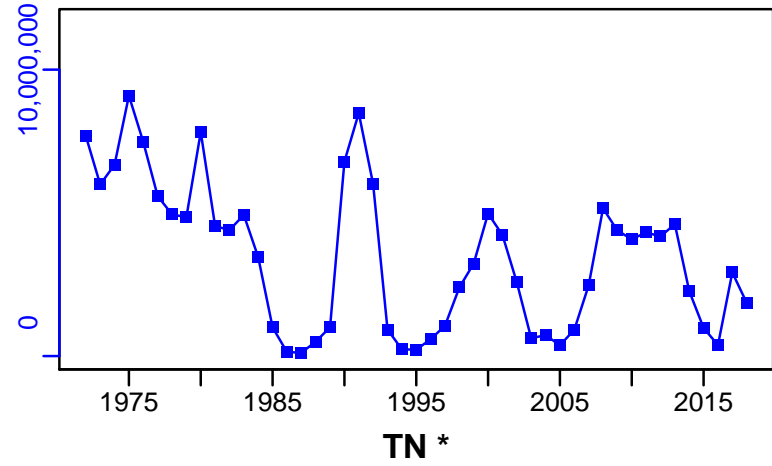
Kobe MGT*



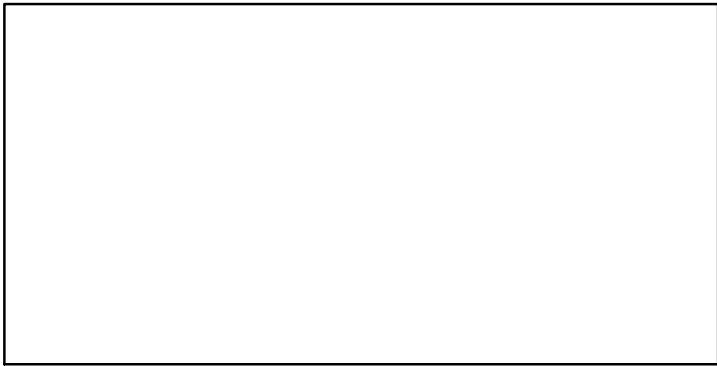
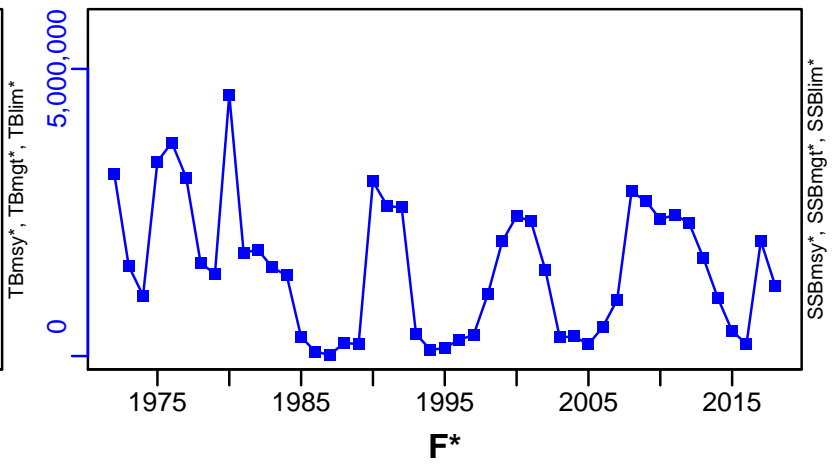
◆ Start Year ◆ End Year * No Data

Capelin Barents Sea [CAPENOR]

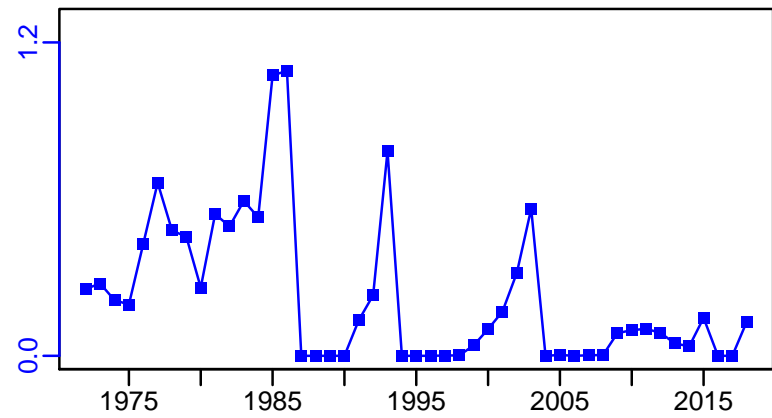
TB-MT (1972–2018–ICESIMP2021)



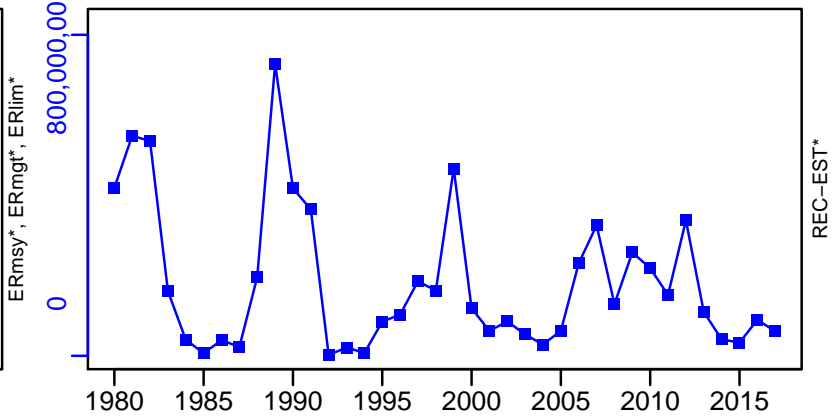
SSB-MT (1972–2018–ICESIMP2021)



ER-calc-ratio (1972–2018–ICESIMP2021)

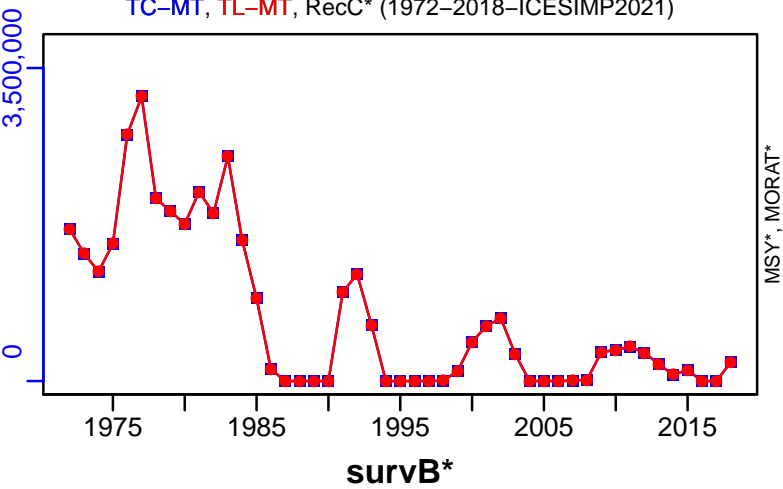


R-E00 (1972–2018–ICESIMP2021)



Capelin Barents Sea [CAPENOR]

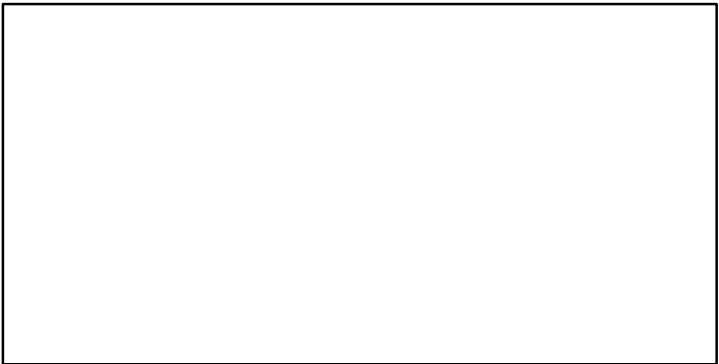
TC-MT, TL-MT, RecC* (1972–2018–ICESIMP2021)



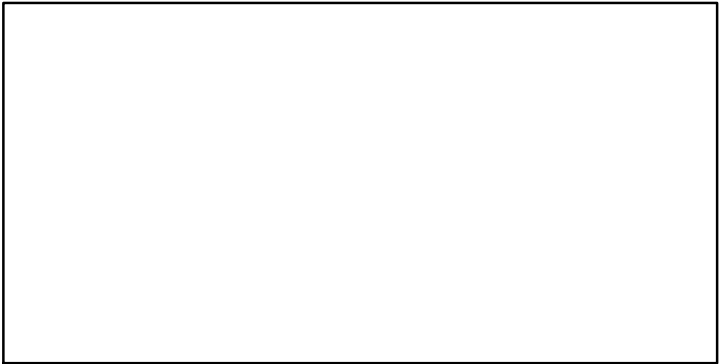
TAC*, Cpair*, Cadv*



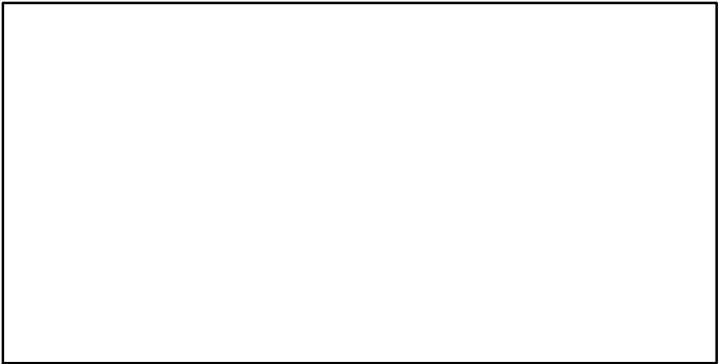
CPUE*



EFFORT*



CdivMSY*



Atlantic cod NAFO 1F and ICES 14 [COD1F-XIV]

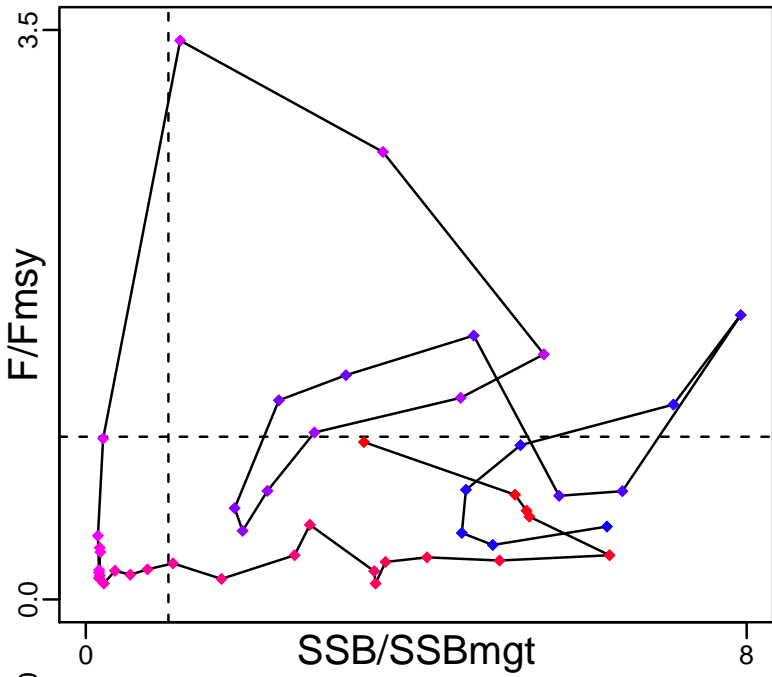
Metadata	
Scientific Name	Gadus morhua
Current Assess ID	NWWG-COD1F-XIV-1972-2019-ICESIMP2021
Area	NAFO 1F and ICES 14
Management Authority	International Council for the Exploration of the Sea
Assessor	North-Western Working Group
Asmts in RAM	2015, 2016, 2018, 2019

Reference Points			
Type	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	-	-	-
Fmsy	Fmsy-1/yr	2019	0.46
ERmsy	-	-	-
TBmgt	-	-	-
SSBmgt	SSBmgt-MT	2019	14,803
Fmgt	Fmgt-1/yr	2019	0.46
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	-	-	-
M	-	-	-
TBlim	-	-	-
SSBlim	SSBlim-MT	2018	10,354
Flim	Flim-1/yr	2018	2.34
ERlim	-	-	-

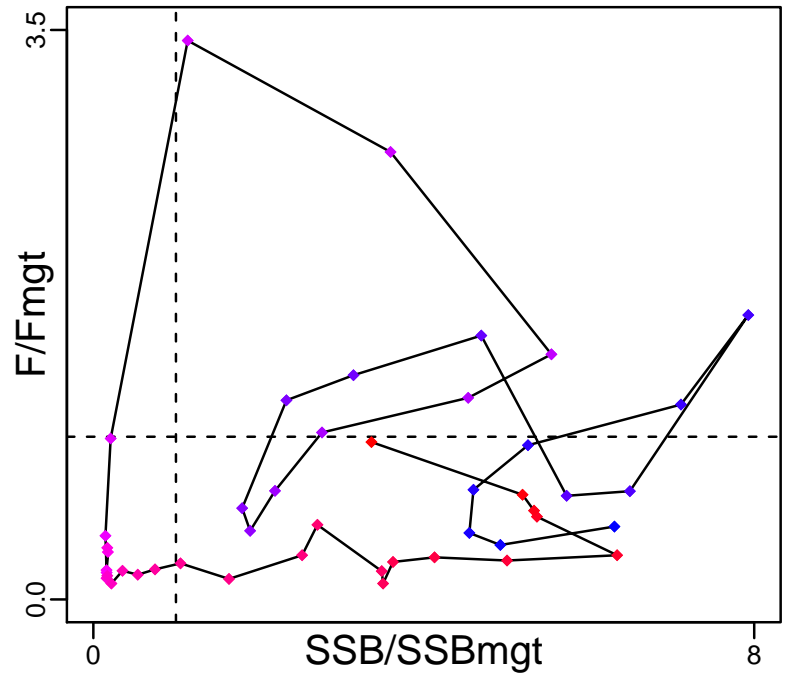
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	TB-MT	2019	62,429	-	-
SSB	SSB-MT	2019	27,985	-	-
TN	-	-	-	-	-
R	R-E00	2019	5,382,000	-	1
F	F-1/yr	2019	0.445	-	5 to 10
ER	ER-calc-ratio	2019	0.241	-	-
TC	TC-MT	2016	14,800		
TL	TL-MT	2019	15,068		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	F-1/yr/Fmsy-1/yr	2019	0.967		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2019	1.89		
F/Fmgt	F-1/yr/Fmgt-1/yr	2019	0.967		
ER/ERmgt	-	-	-		

Atlantic cod NAFO 1F and ICES 14 [COD1F-XIV]

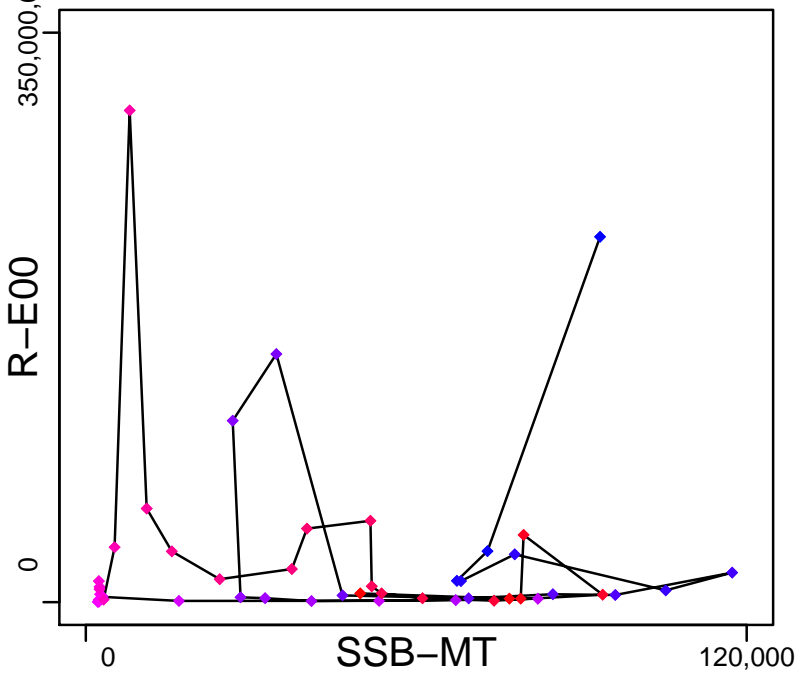
Kobe MSYpref (1972–2019–ICESIMP2021)



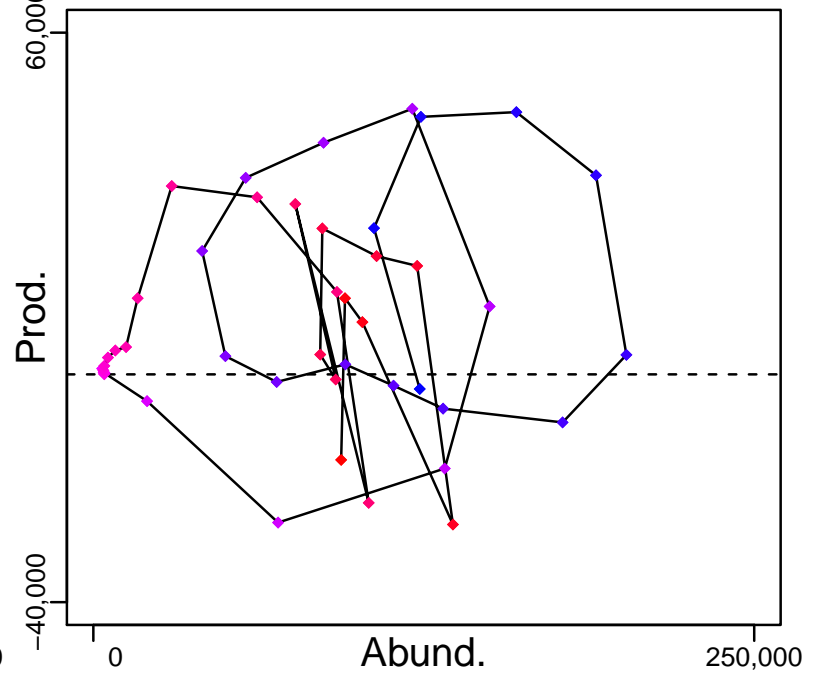
Kobe MGTpref (1972–2019–ICESIMP2021)



Spawner Recruit (1972–2019–ICESIMP2021)



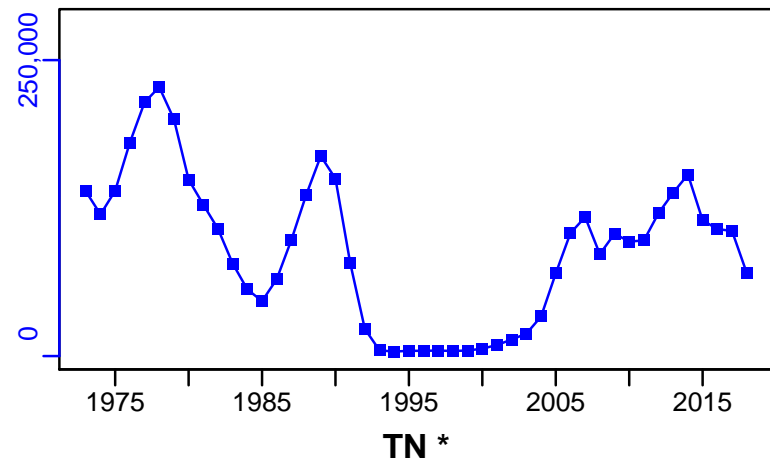
Production (1972–2019–ICESIMP2021)



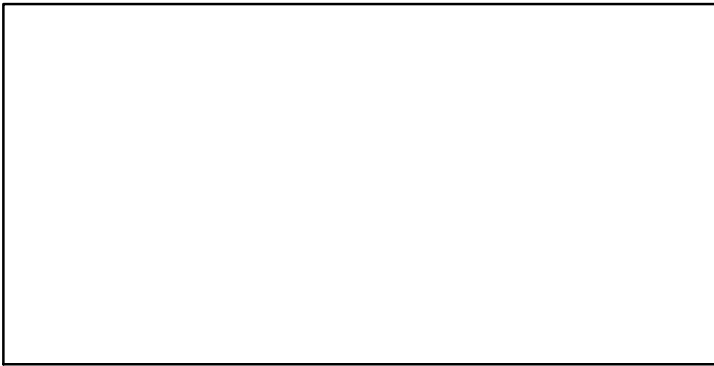
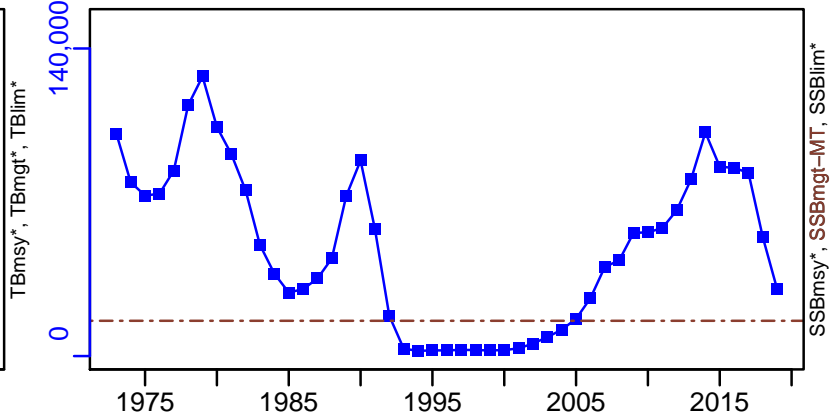
◆ Start Year ◆ End Year * No Data

Atlantic cod NAFO 1F and ICES 14 [COD1F-XIV]

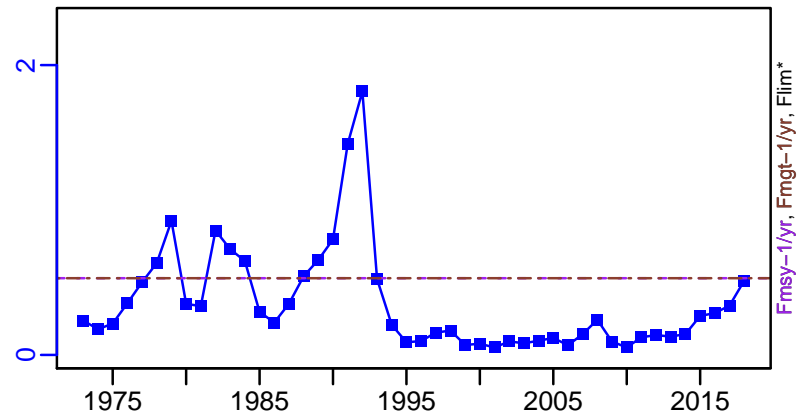
TB-MT (1972–2019–ICESIMP2021)



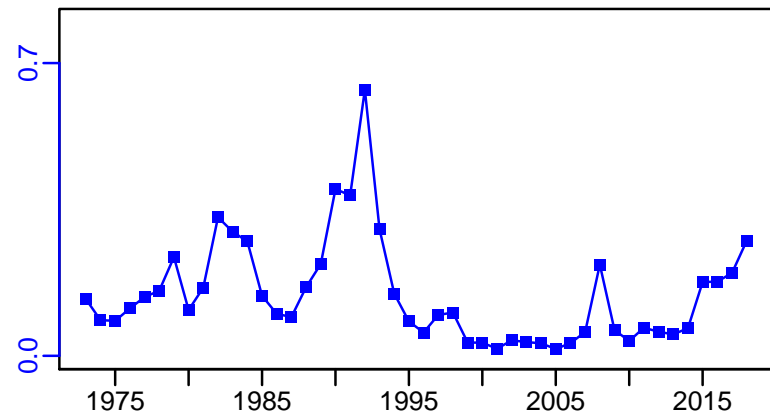
SSB-MT (1972–2019–ICESIMP2021)



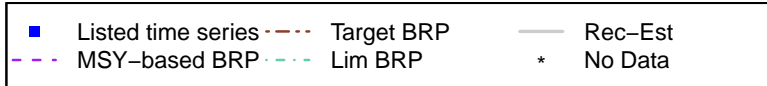
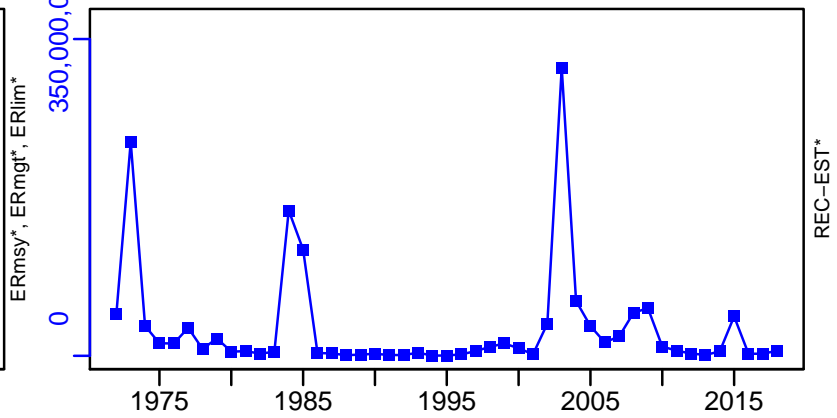
F-1/yr (1972–2019–ICESIMP2021)



ER-calc-ratio (1972–2019–ICESIMP2021)

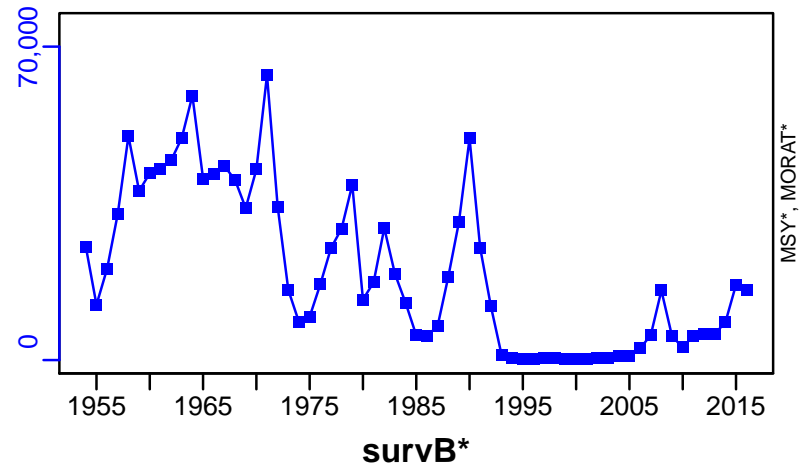


R-E00 (1972–2019–ICESIMP2021)



Atlantic cod NAFO 1F and ICES 14 [COD1F–XIV]

TC–MT, TL*, RecC* (1954–2016–ICESIMP2018)



TAC*, Cpair*, Cadv*



CPUE*



EFFORT*



CdivMSY*



■ 1st listed time series ▲ 3rd listed time series — MORAT
● 2nd listed time series - - - MSY * No Data

Atlantic cod Faroe Bank [CODFABNK]

Metadata	
Scientific Name	Gadus morhua
Current Assess ID	NWWG-CODFABNK-1965-2018-ICESIMP2021
Area	Faroe Bank
Management Authority	International Council for the Exploration of the Sea
Assessor	North-Western Working Group
Asmts in RAM	2016, 2018

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

Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	-	-	-	-	-
SSB	-	-	-	-	-
TN	-	-	-	-	-
R	-	-	-	-	-
F	-	-	-	-	-
ER	-	-	-	-	-
TC	TC-MT	2018	31		
TL	TL-MT	2018	31		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

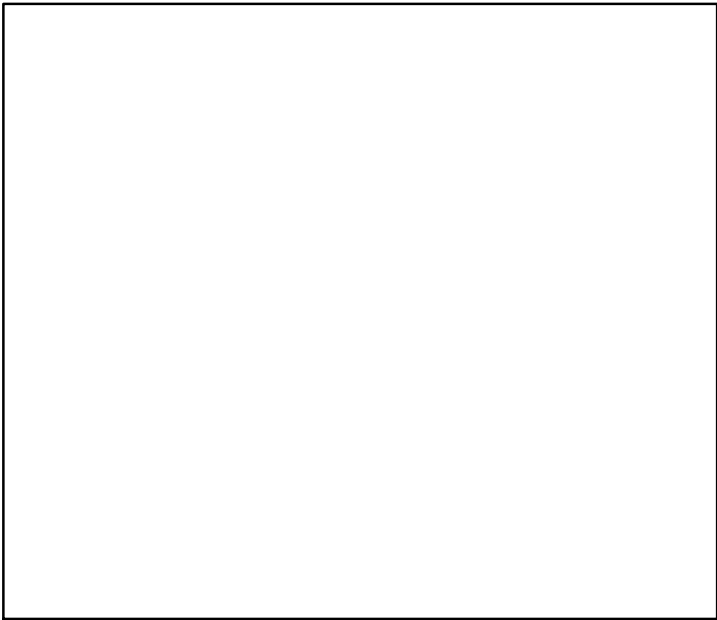
Kobe MSY*



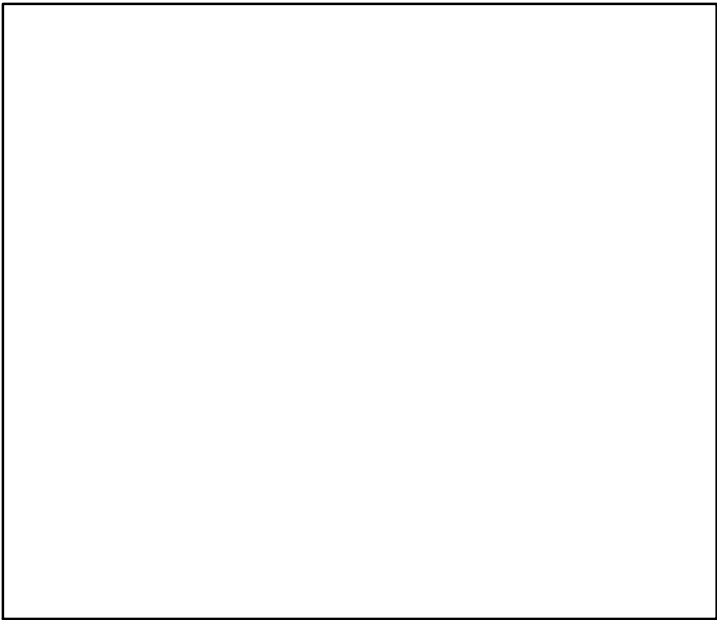
Kobe MGT*



Spawner Recruit*



Production*



◆ Start Year ◆ End Year * No Data

Atlantic cod Faroe Bank [CODFABNK]

TB*



SSB*



TN *



F*



ER*



Recruits*



■ Listed time series

--- MSY-based BRP

--- Target BRP

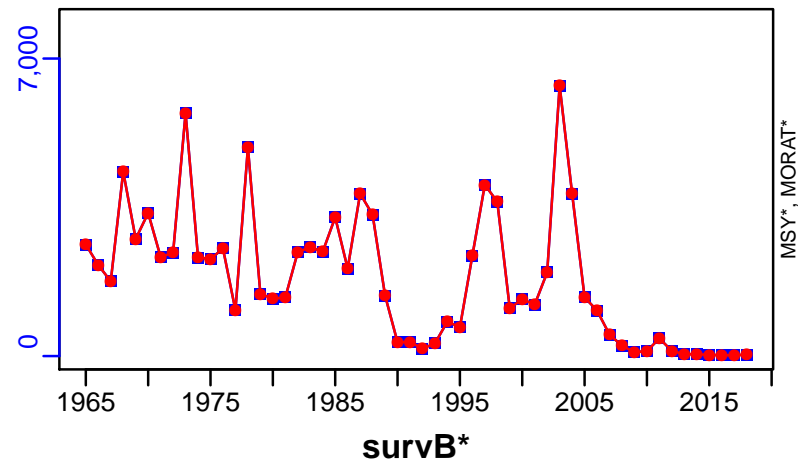
--- Lim BRP

— Rec-Est

* No Data

Atlantic cod Faroe Bank [CODFABNK]

TC-MT, TL-MT, RecC* (1965–2018–ICESIMP2021)



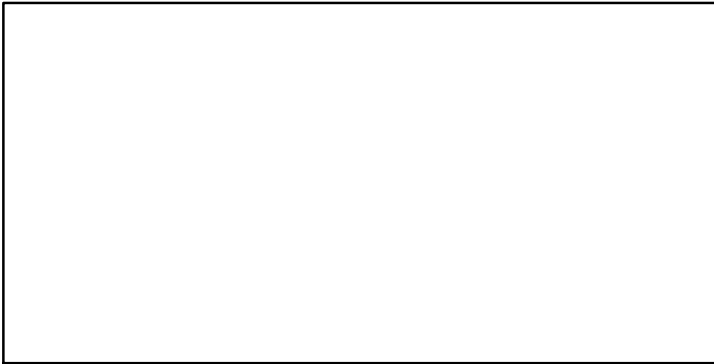
TAC*, Cpair*, Cadv*



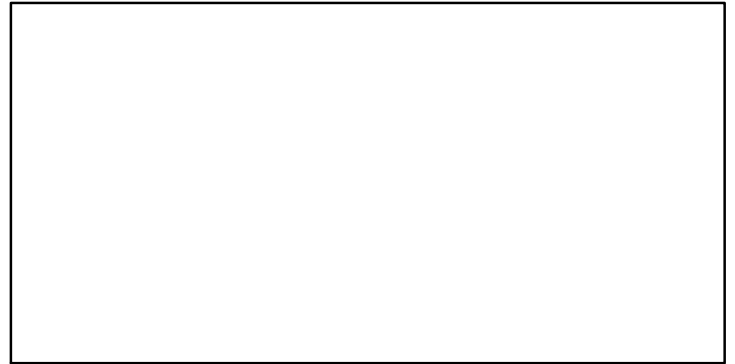
CPUE*



EFFORT*



CdivMSY*



■ 1st listed time series ▲ 3rd listed time series — MORAT
● 2nd listed time series - - - MSY * No Data

Atlantic cod Faroe Plateau [CODFAPL]

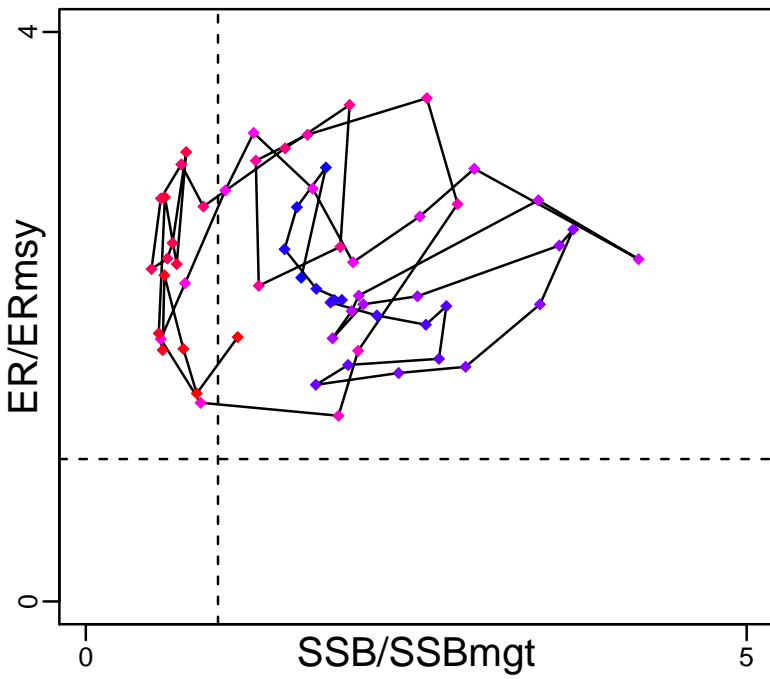
Metadata	
Scientific Name	Gadus morhua
Current Assess ID	NWWG-CODFAPL-1958-2019-ICESIMP2021
Area	Faroe Plateau
Management Authority	International Council for the Exploration of the Sea
Assessor	North-Western Working Group
Asmts in RAM	2015, 2016, 2017, 2018, 2019, 2012, 2013, 2014

Reference Points			
Type	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	-	-	-
Fmsy	Fmsy-1/yr	2018	0.23
ERmsy	ERmsy-ratio	2019	0.23
TBmgt	-	-	-
SSBmgt	SSBmgt-MT	2019	29,226
Fmgt	Fmgt-1/yr	2018	0.23
ERmgt	ERmgt-ratio	2019	0.23
TB0	-	-	-
SSB0	-	-	-
MSY	-	-	-
M	-	-	-
TBlim	-	-	-
SSBlim	SSBlim-MT	2018	21,000
Flim	Flim-1/yr	2018	0.9
ERlim	-	-	-

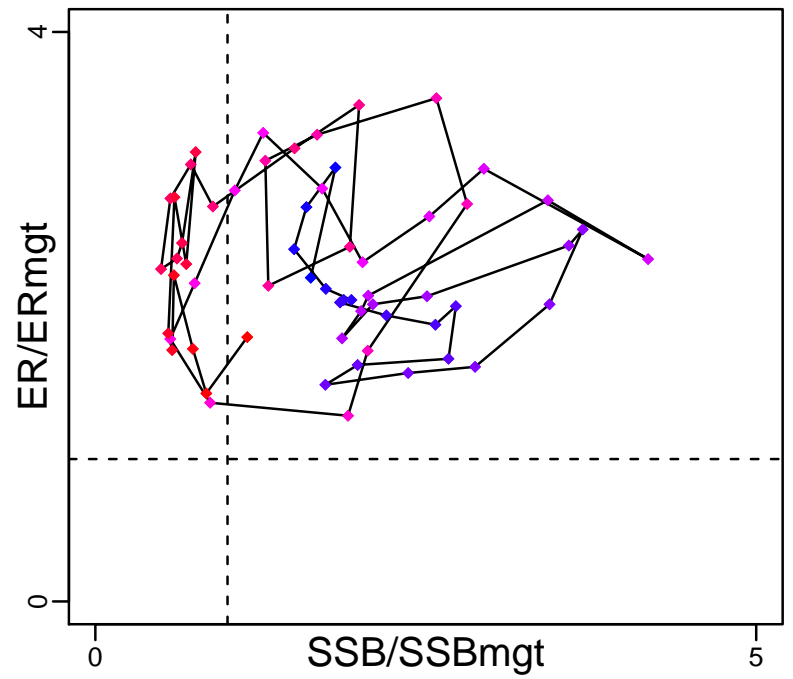
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	TB-MT	2019	80,599	-	-
SSB	SSB-MT	2019	40,370	-	-
TN	-	-	-	-	-
R	R-E00	2019	37,889,000	-	1
F	F-1/yr	2017	0.44	-	3 to 7
ER	ER-ratio	2019	0.427	-	3 to 7
TC	TC-MT	2019	12,311		
TL	TL-MT	2019	12,311		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	F-1/yr/Fmsy-1/yr	2017	1.913		
ER/ERmsy	ER-ratio/ERmsy-ratio	2019	1.857		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2019	1.381		
F/Fmgt	F-1/yr/Fmgt-1/yr	2017	1.913		
ER/ERmgt	-	-	-		

Atlantic cod Faroe Plateau [CODFAPL]

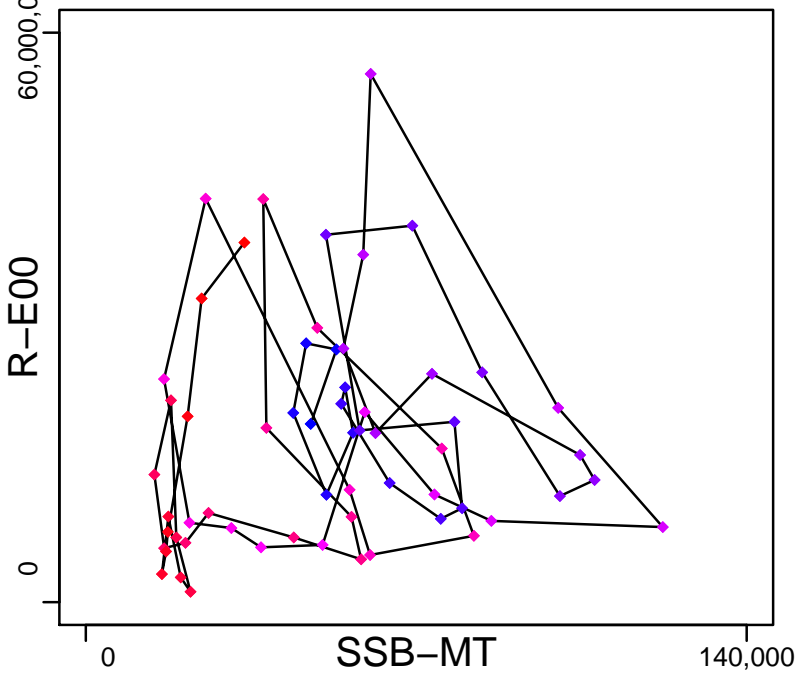
Kobe MSYpref (1958–2019–ICESIMP2021)



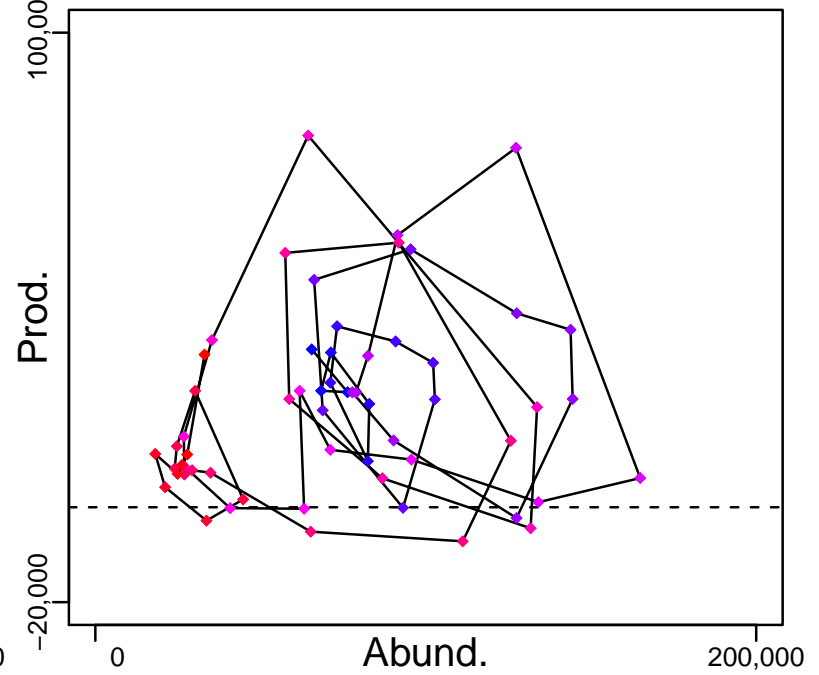
Kobe MGTpref (1958–2019–ICESIMP2021)



Spawner Recruit (1958–2019–ICESIMP2021)



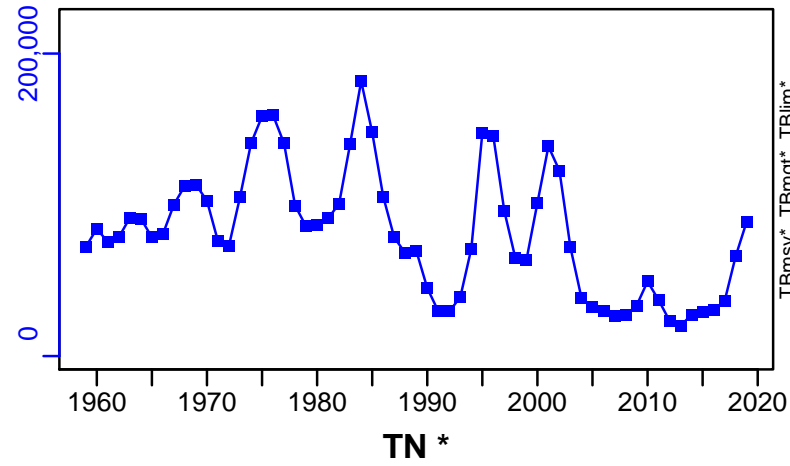
Production (1958–2019–ICESIMP2021)



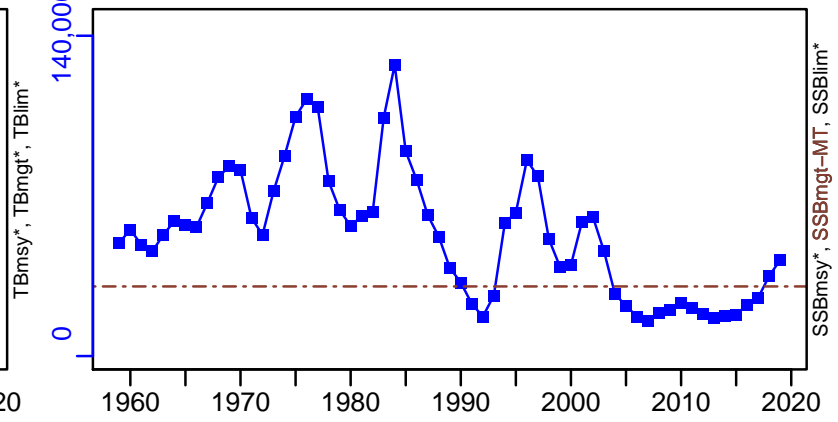
◆ Start Year ◆ End Year * No Data

Atlantic cod Faroe Plateau [CODFAPL]

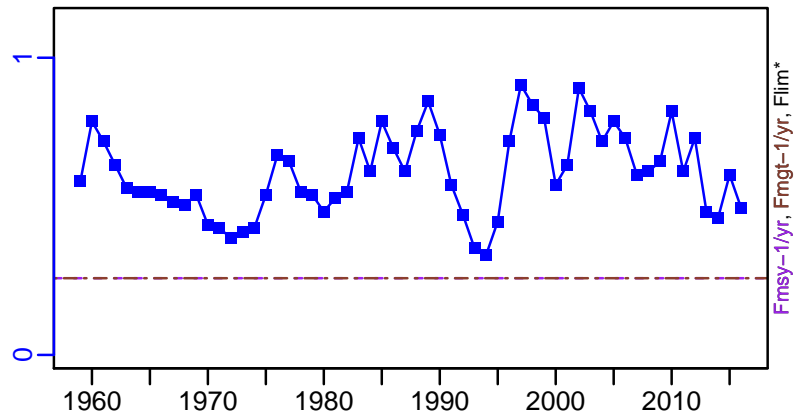
TB-MT (1958–2019–ICESIMP2021)



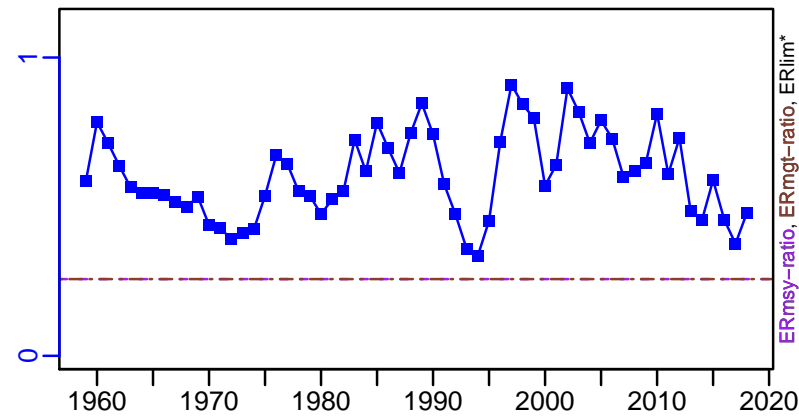
SSB-MT (1958–2019–ICESIMP2021)



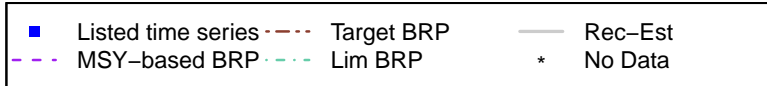
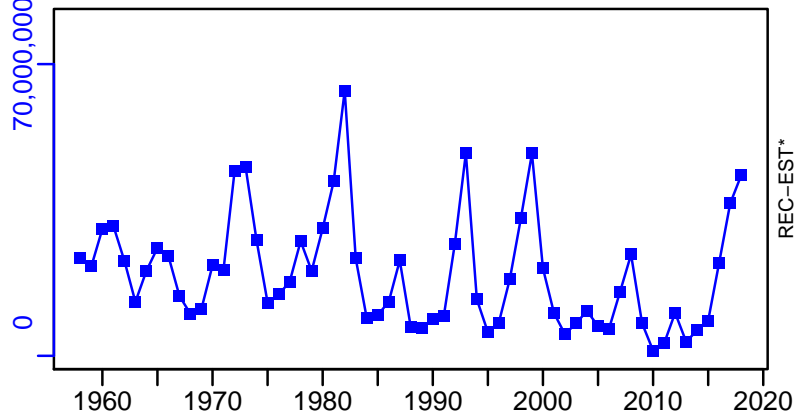
F-1/yr (1958–2017–ICESIMP2018)



ER-ratio (1958–2019–ICESIMP2021)

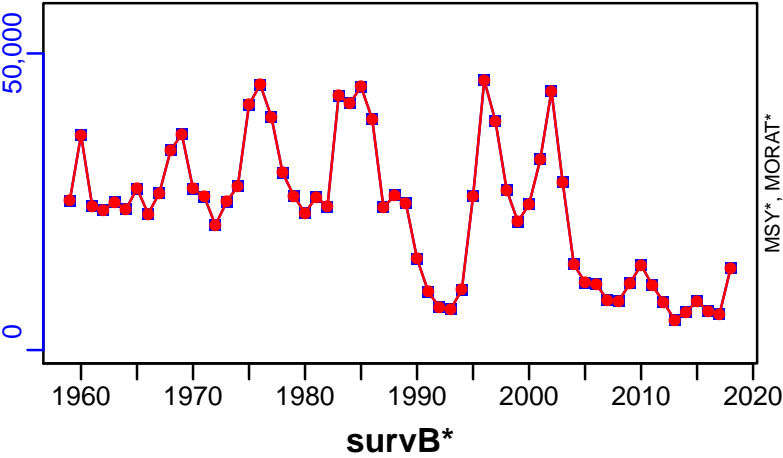


R-E00 (1958–2019–ICESIMP2021)



Atlantic cod Faroe Plateau [CODFAPL]

TC-MT, TL-MT, RecC* (1958–2019–ICESIMP2021)



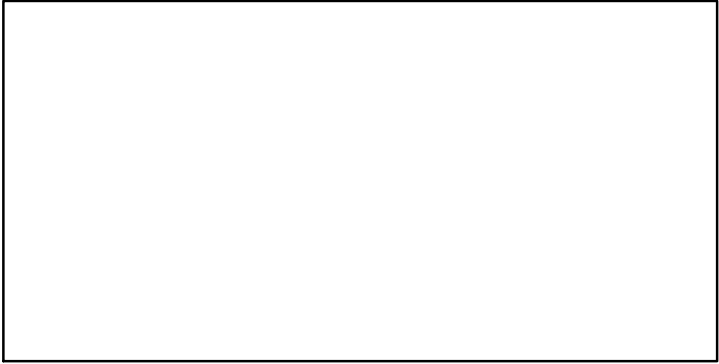
TAC*, Cpair*, Cadv*



CPUE*



EFFORT*



CdivMSY*



Atlantic cod Iceland Grounds [CODICE]

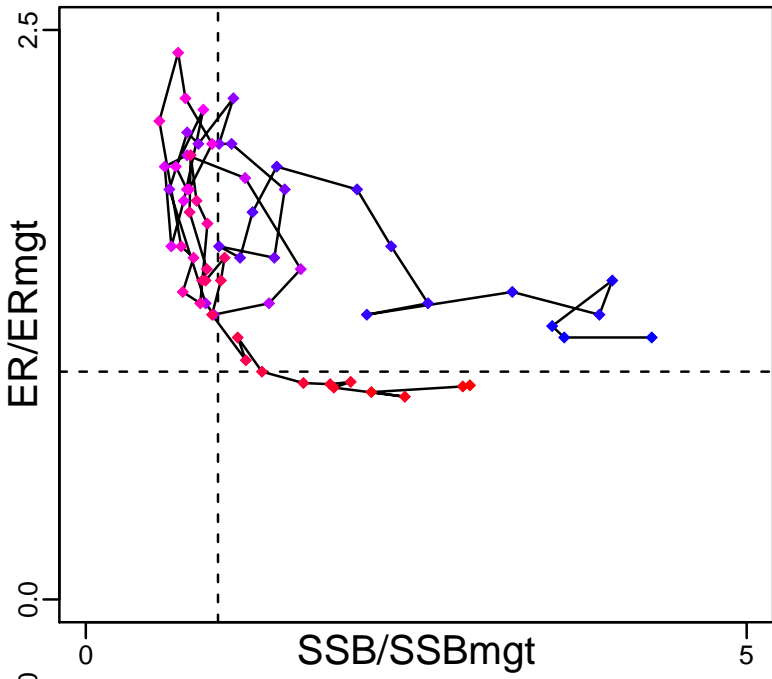
Metadata	
Scientific Name	Gadus morhua
Current Assess ID	NWWG-CODICE-1952-2019-ICESIMP2021
Area	Iceland Grounds
Management Authority	International Council for the Exploration of the Sea
Assessor	North-Western Working Group
Asmts in RAM	2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019

Reference Points			
Type	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	-	-	-
Fmsy	-	-	-
ERmsy	ERmsy-ratio	2018	0.2
TBmgt	-	-	-
SSBmgt	SSBmgt-MT	2019	220,000
Fmgt	-	-	-
ERmgt	ERmgt-ratio	2019	0.2
TB0	-	-	-
SSB0	-	-	-
MSY	-	-	-
M	-	-	-
TBlim	TBlim-MT	2012	125,000
SSBlim	SSBlim-MT	2018	125,000
Flim	Flim-1/yr	2018	0.74
ERlim	-	-	-

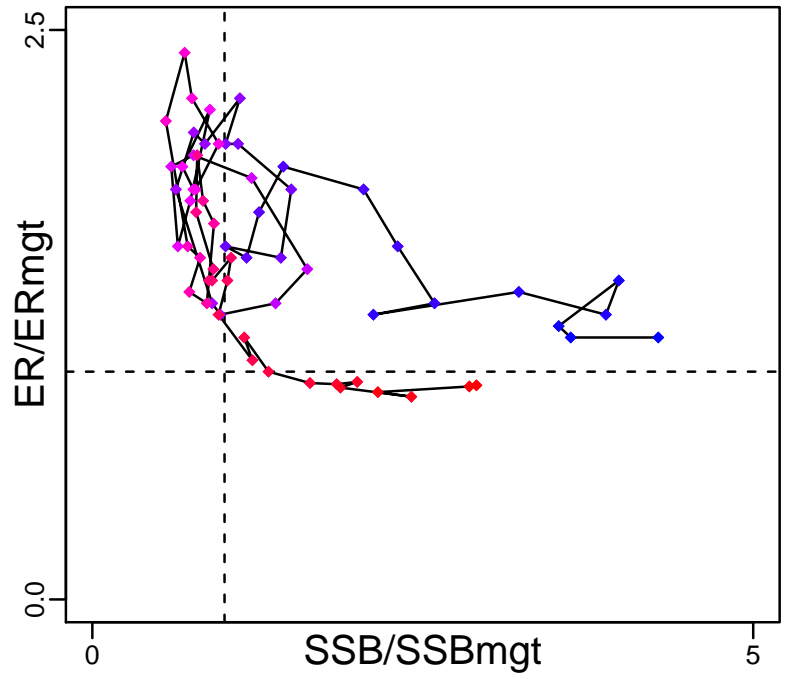
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	TB-MT	2014	1,160,000	Both	-
SSB	SSB-MT	2019	617,019	-	-
TN	-	-	-	-	-
R	R-E00	2019	139,117,000	-	3
F	F-1/yr	2019	0.27	-	5 to 10
ER	ER-ratio	2019	0.188	-	-
TC	TC-MT	2019	264,992		
TL	TL-MT	2019	264,992		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	ER-ratio/ERmsy-ratio	2018	0.91		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2019	2.805		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

Atlantic cod Iceland Grounds [CODICE]

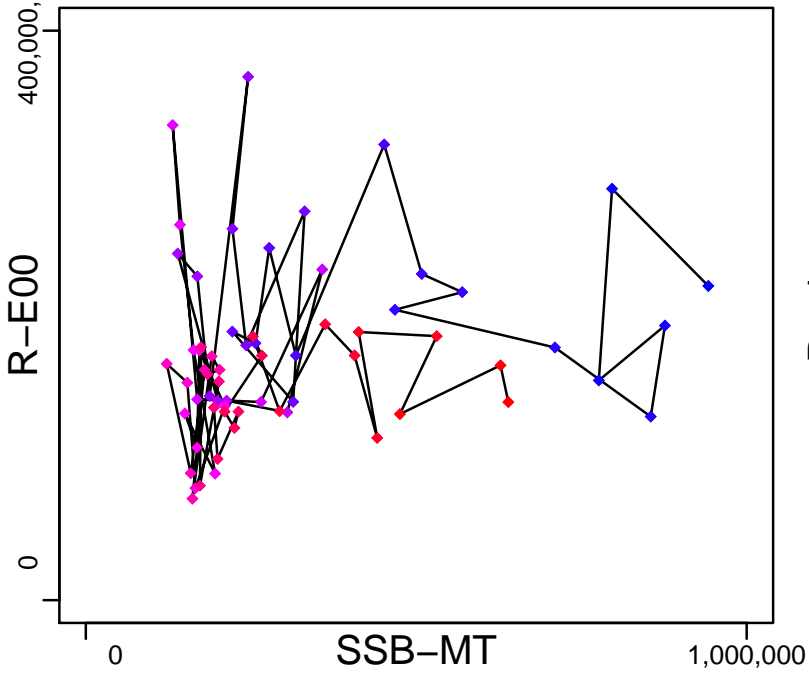
Kobe MSYpref (1952–2019–ICESIMP2021)



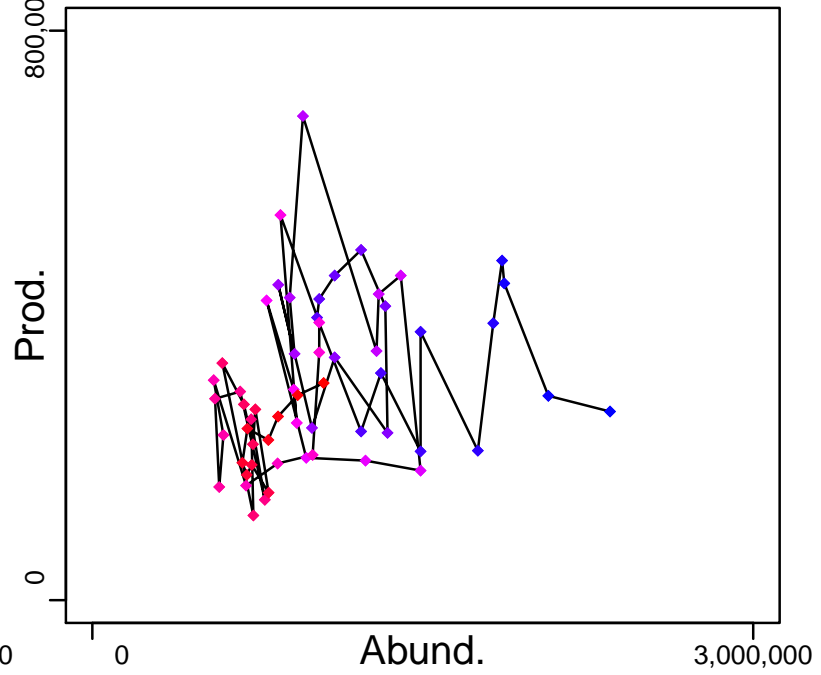
Kobe MGTpref (1952–2019–ICESIMP2021)



Spawner Recruit (1952–2019–ICESIMP2021)



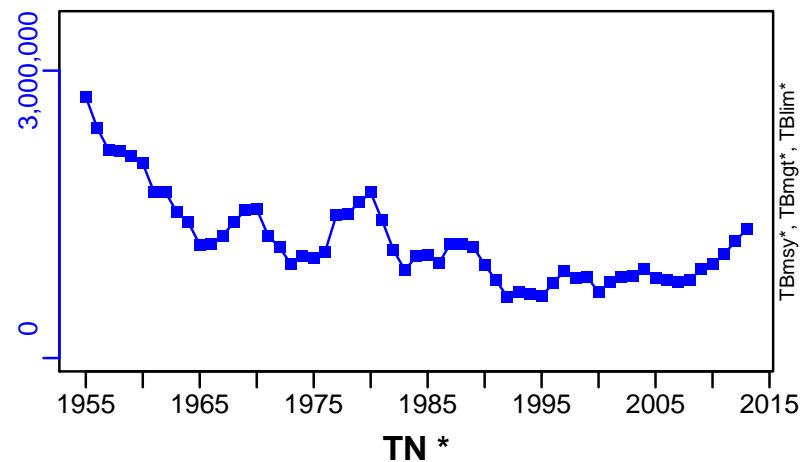
Production (1952–2014–ICESIMP2016)



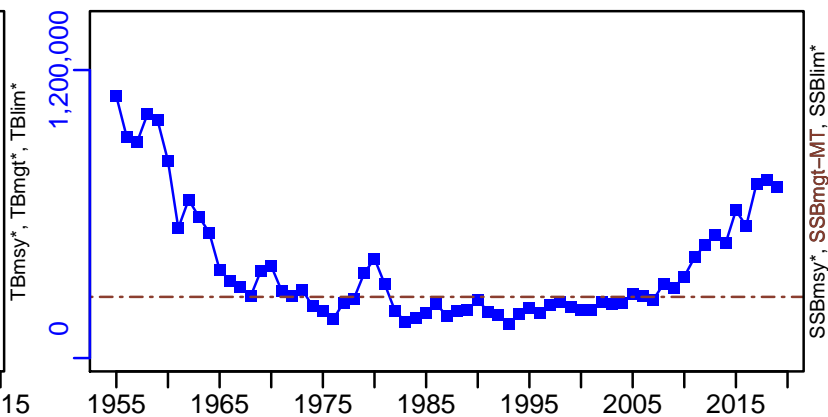
◆ Start Year ◆ End Year * No Data

Atlantic cod Iceland Grounds [CODICE]

TB-MT (1952–2014–ICESIMP2016)



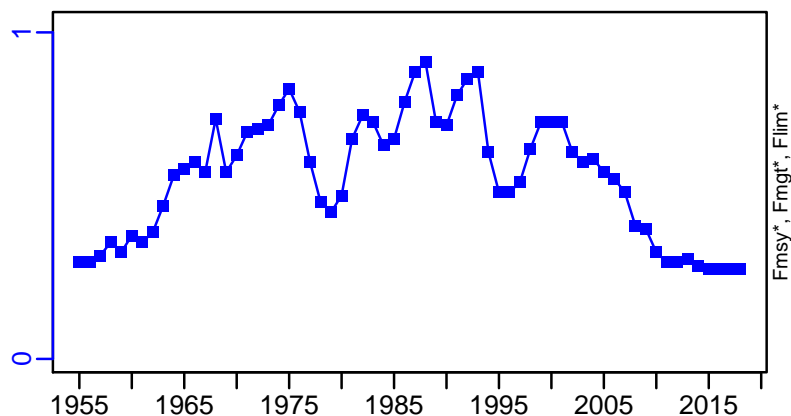
SSB-MT (1952–2019–ICESIMP2021)



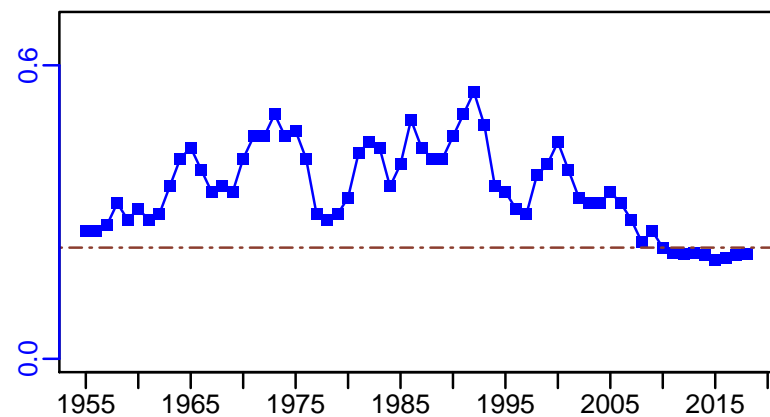
TN *



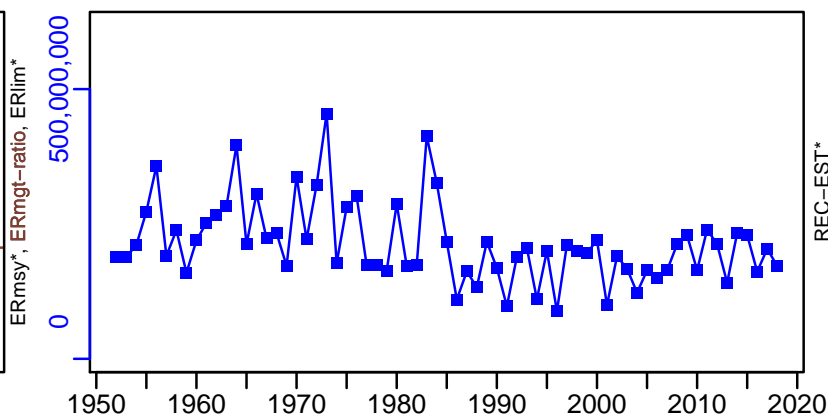
F-1/yr (1952–2019–ICESIMP2021)



ER-ratio (1952–2019–ICESIMP2021)



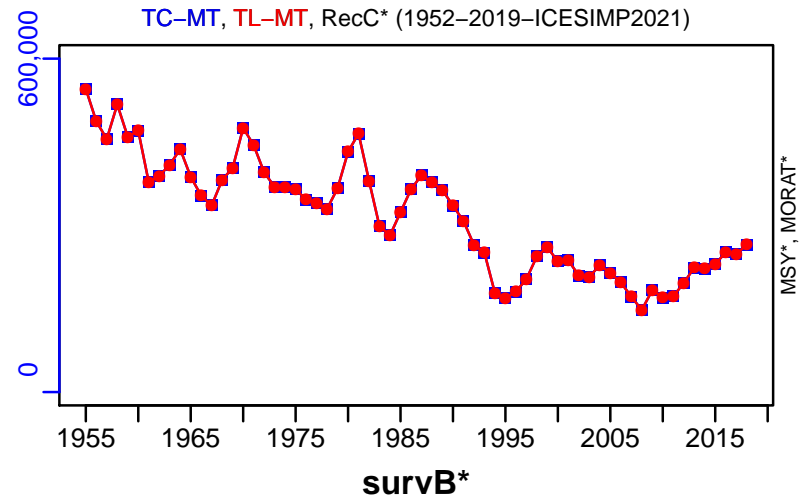
R-E00 (1952–2019–ICESIMP2021)



Atlantic cod Iceland Grounds [CODICE]

TC-MT, TL-MT, RecC* (1952–2019–ICESIMP2021)

TAC*, Cpair*, Cadv*



EFFORT*

CdivMSY*



Atlantic cod North-East Arctic [CODNEAR]

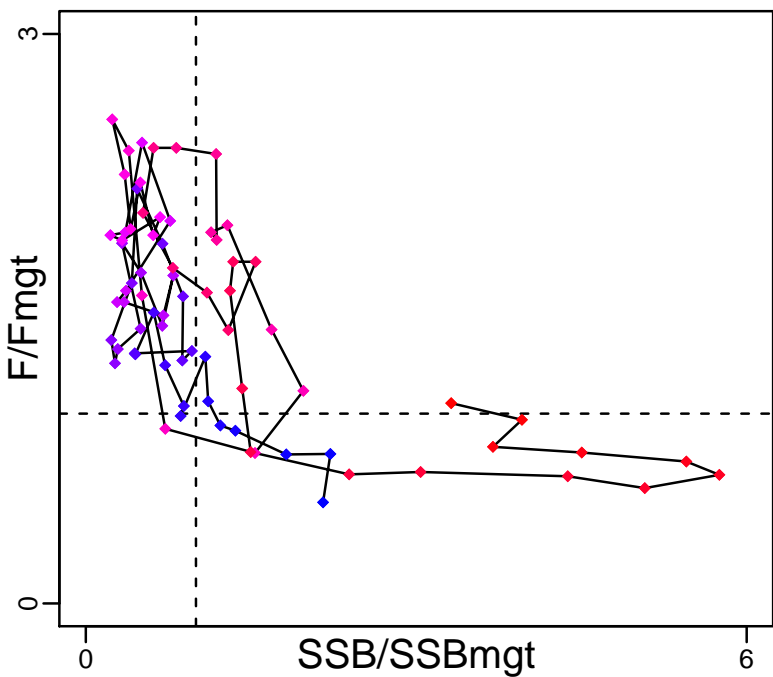
Metadata	
Scientific Name	Gadus morhua
Current Assess ID	AFWG-CODNEAR-1943-2019-ICESIMP2021
Area	North-East Arctic
Management Authority	International Council for the Exploration of the Sea
Assessor	Arctic Fisheries Working Group
Asmts in RAM	2013, 2014, 2015, 2016, 2017, 2018, 2019, 2011

Reference Points			
Type	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	-	-	-
Fmsy	Fmsy-1/yr	2018	0.4
ERmsy	-	-	-
TBmgt	-	-	-
SSBmgt	SSBmgt-MT	2019	460,000
Fmgt	Fmgt-1/yr	2019	0.4
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	-	-	-
M	-	-	-
TBlim	-	-	-
SSBlim	SSBlim-MT	2018	220,000
Flim	Flim-1/yr	2018	0.74
ERlim	-	-	-

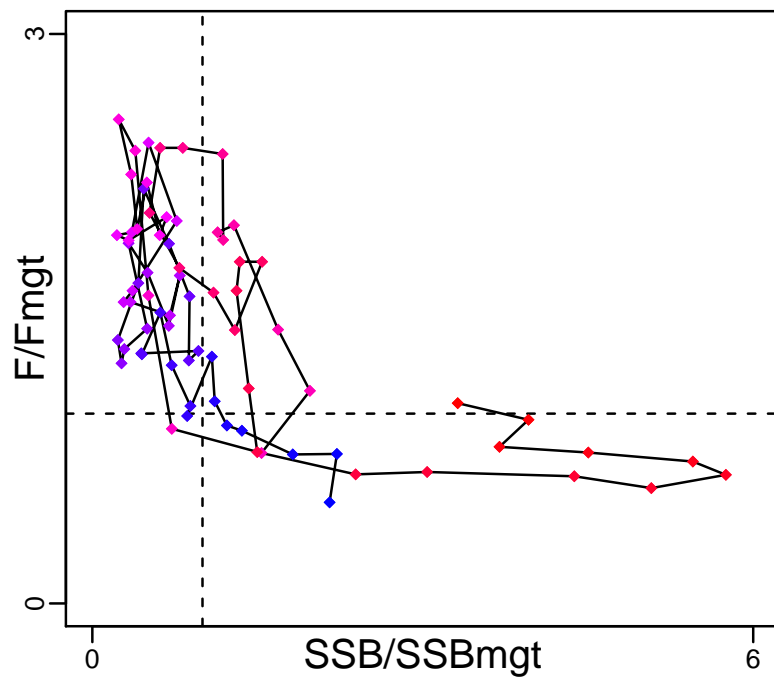
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	TB-MT	2019	2,612,690	-	-
SSB	SSB-MT	2019	1,495,633	-	-
TN	-	-	-	-	-
R	R-E00	2019	660,000	-	3
F	F-1/yr	2019	0.422	-	5 to 10
ER	ER-calc-ratio	2019	0.286	-	-
TC	TC-MT	2019	778,627		
TL	TL-MT	2019	778,627		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	F-1/yr/Fmsy-1/yr	2018	1.002		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2019	3.251		
F/Fmgt	F-1/yr/Fmgt-1/yr	2019	1.055		
ER/ERmgt	-	-	-		

Atlantic cod North-East Arctic [CODNEAR]

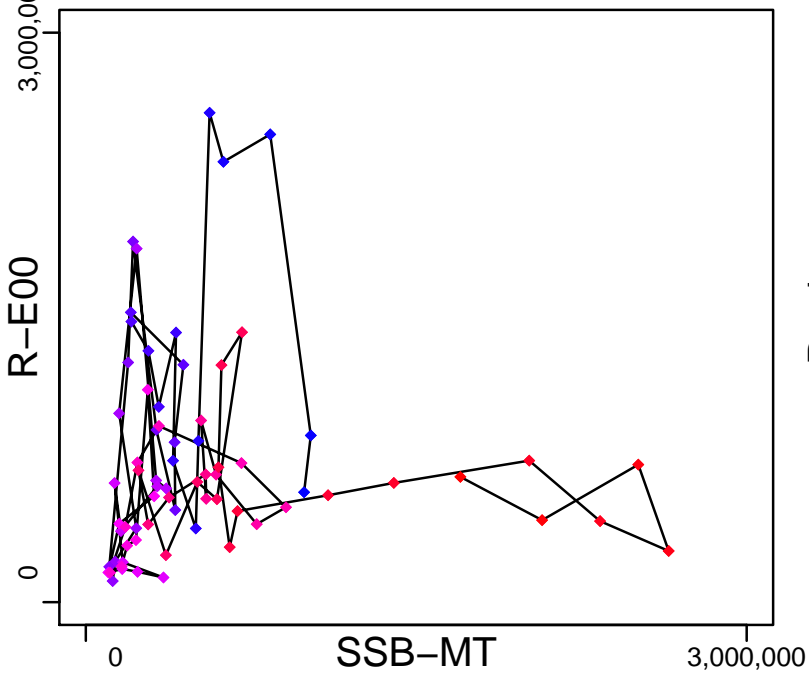
Kobe MSYpref (1943–2019–ICESIMP2021)



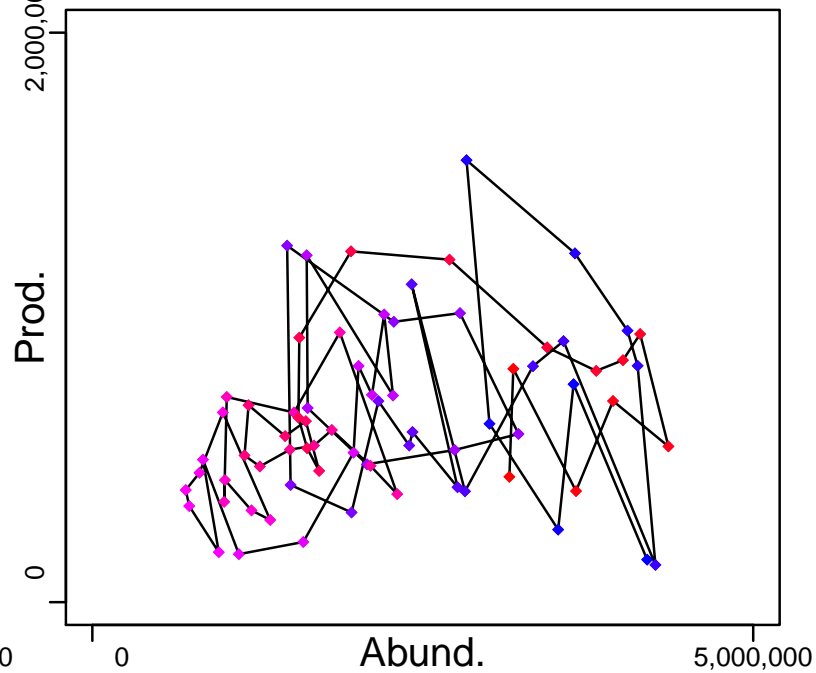
Kobe MGTpref (1943–2019–ICESIMP2021)



Spawner Recruit (1943–2019–ICESIMP2021)

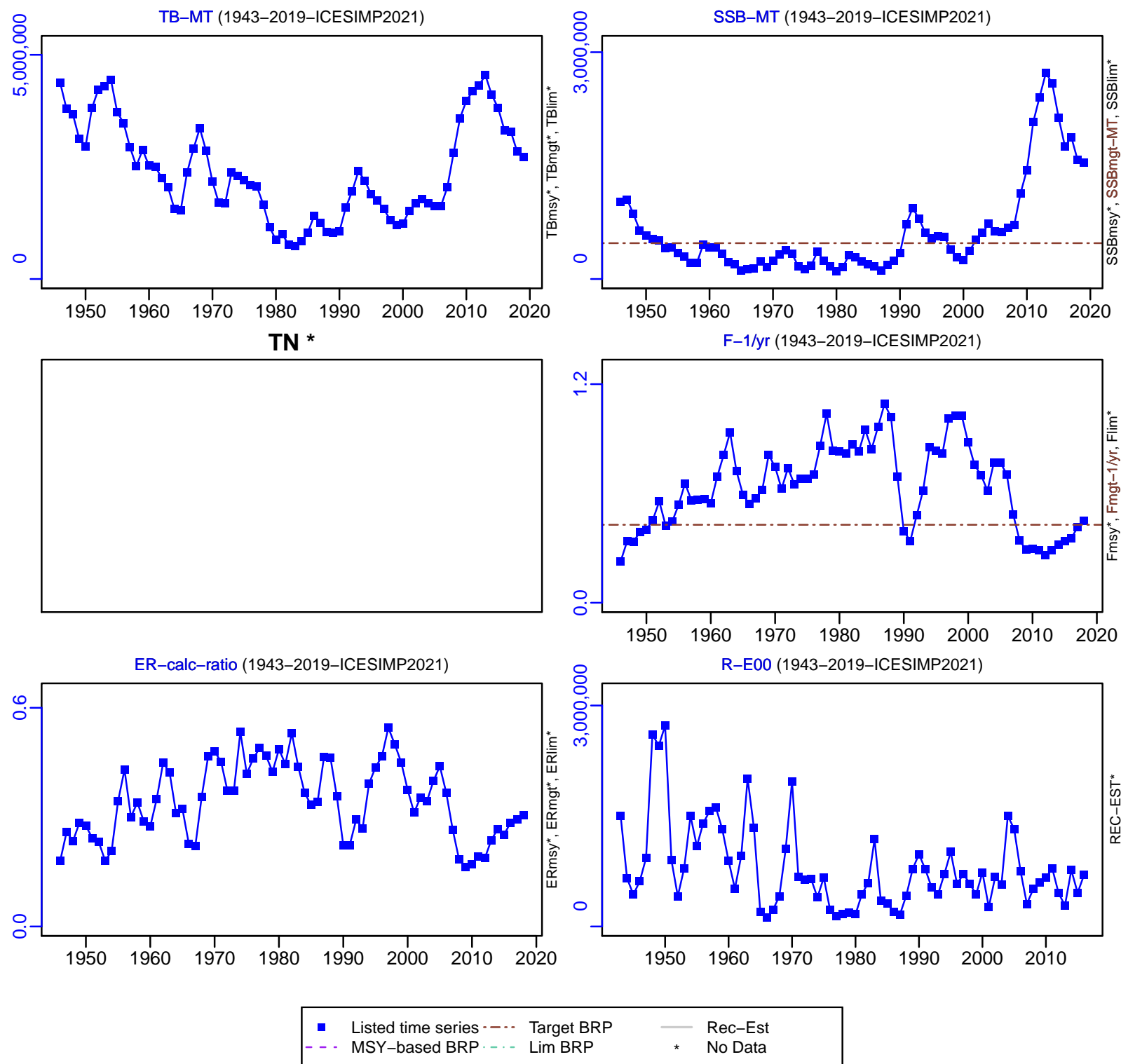


Production (1943–2019–ICESIMP2021)



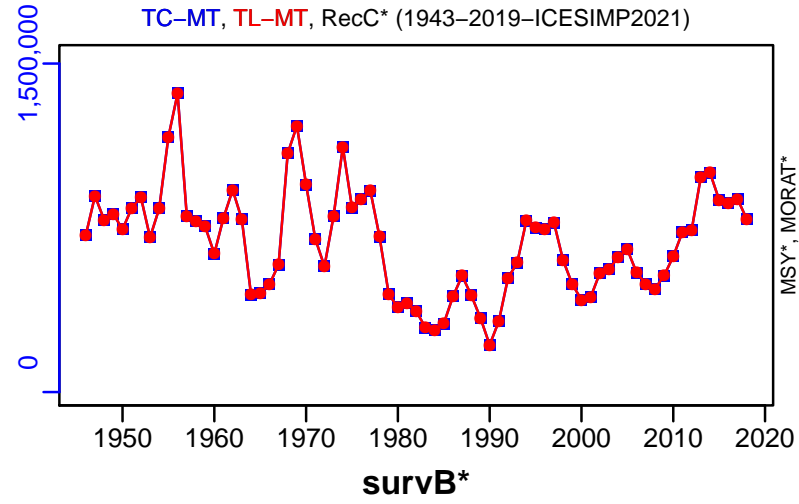
◆ Start Year ◆ End Year * No Data

Atlantic cod North-East Arctic [CODNEAR]



Atlantic cod North–East Arctic [CODNEAR]

TC–MT, TL–MT, RecC* (1943–2019–ICESIMP2021)



TAC*, Cpair*, Cadv*



CPUE*



EFFORT*



CdivMSY*



■ 1st listed time series ▲ 3rd listed time series — MORAT
● 2nd listed time series - - - MSY * No Data

Atlantic cod North-East Arctic (Norwegian coastal waters) [CODNEARNCW]

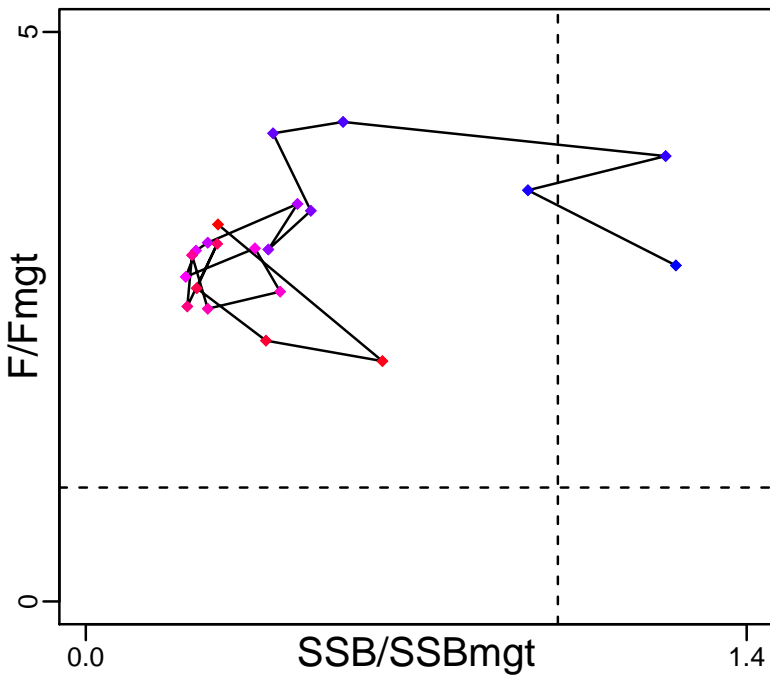
Metadata	
Scientific Name	Gadus morhua
Current Assess ID	AFWG-CODNEARNCW-1982-2018-ICESIMP2021
Area	North-East Arctic (Norwegian coastal waters)
Management Authority	International Council for the Exploration of the Sea
Assessor	Arctic Fisheries Working Group
Asmts in RAM	2016, 2018, 2016, 2017

Reference Points			
Type	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	-	-	-
Fmsy	-	-	-
ERmsy	-	-	-
TBmgt	-	-	-
SSBmgt	SSBmgt-MT	2016	60,000
Fmgt	Fmgt-1/yr	2016	0.1
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	-	-	-
M	-	-	-
TBlim	-	-	-
SSBlim	-	-	-
Flim	-	-	-
ERlim	-	-	-

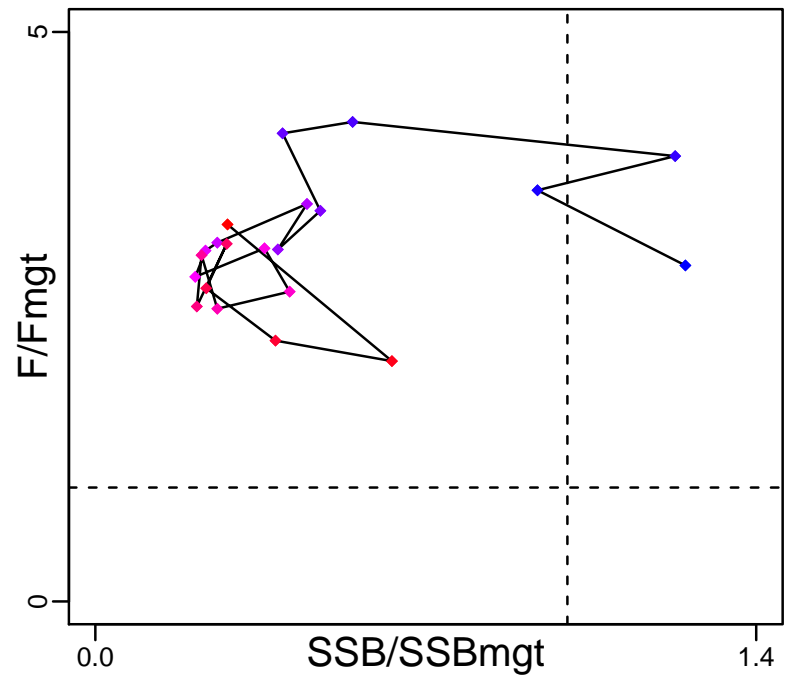
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	-	-	-	-	-
SSB	SSB-MT	2016	16,800	Both	-
TN	-	-	-	-	-
R	R-E00	2018	23,998,000	-	2
F	F-1/yr	2018	0.268	-	-
ER	-	-	-	-	-
TC	TC-MT	2017	52,900		
TL	TL-MT	2018	36,375		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2016	0.28		
F/Fmgt	F-1/yr/Fmgt-1/yr	2016	3.31		
ER/ERmgt	-	-	-		

Atlantic cod North-East Arctic (Norwegian coastal waters) [CODNEARNCW]

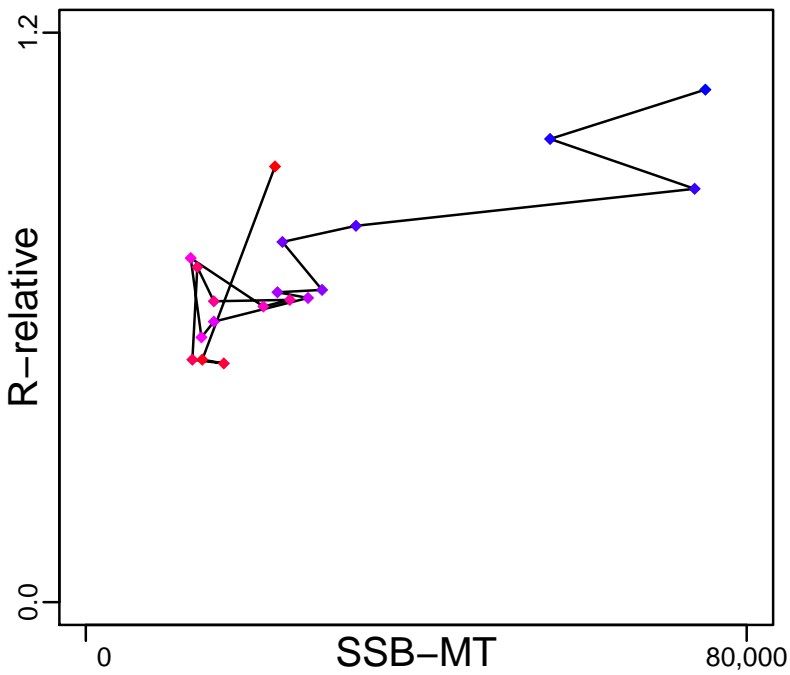
Kobe MSYpref (1982–2016–ICESIMP2016)



Kobe MGTpref (1982–2016–ICESIMP2016)



Spawner Recruit (1982–2016–ICESIMP2016)



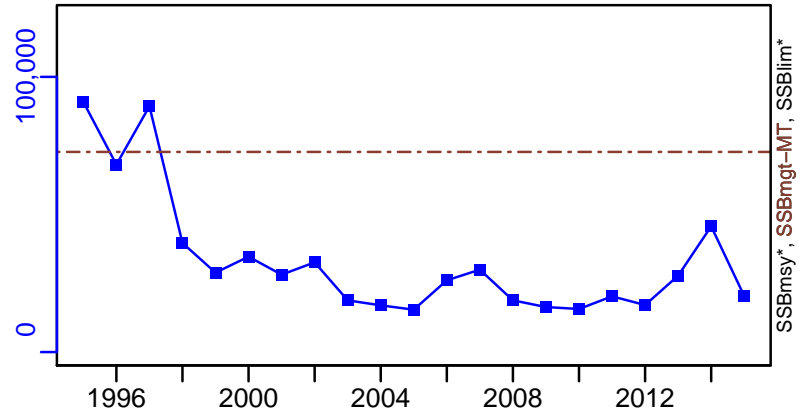
◆ Start Year ◆ End Year * No Data

Atlantic cod North-East Arctic (Norwegian coastal waters) [CODNEARNCW]

TB*



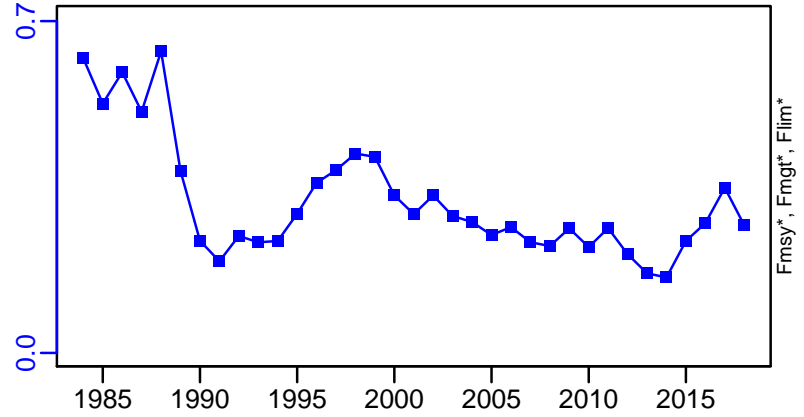
SSB-MT (1982–2016–ICESIMP2016)



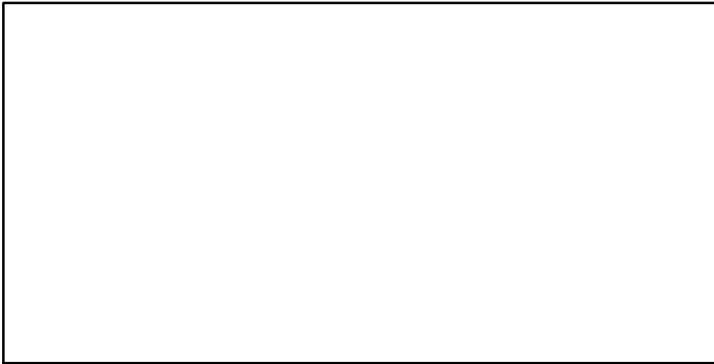
TN *



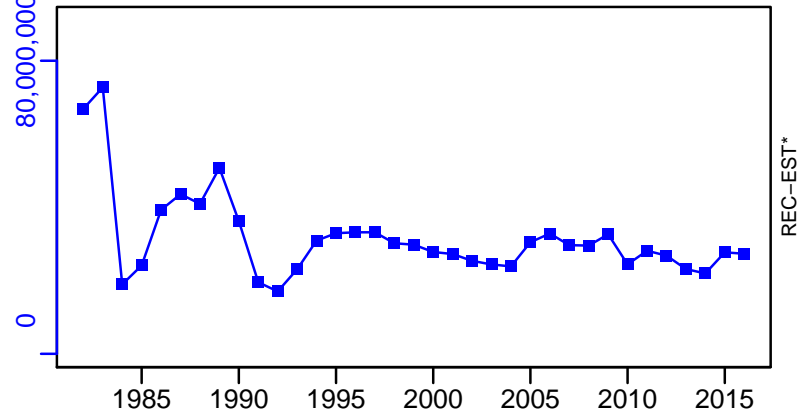
F-1/yr (1982–2018–ICESIMP2021)



ER*

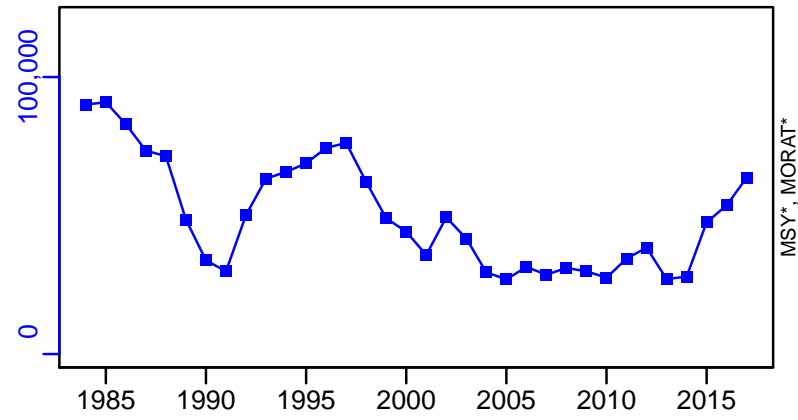


R-E00 (1982–2018–ICESIMP2021)



Atlantic cod North-East Arctic (Norwegian coastal waters) [CODNEARNCW]

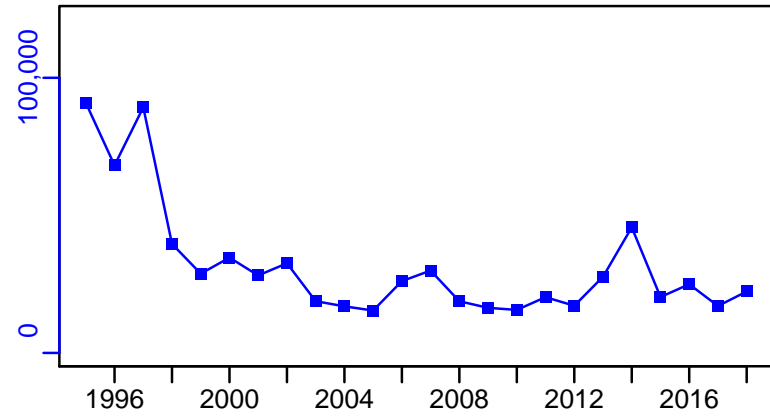
TC-MT, TL*, RecC* (1984–2017–ICESIMP2018)



TAC*, Cpair*, Cadv*



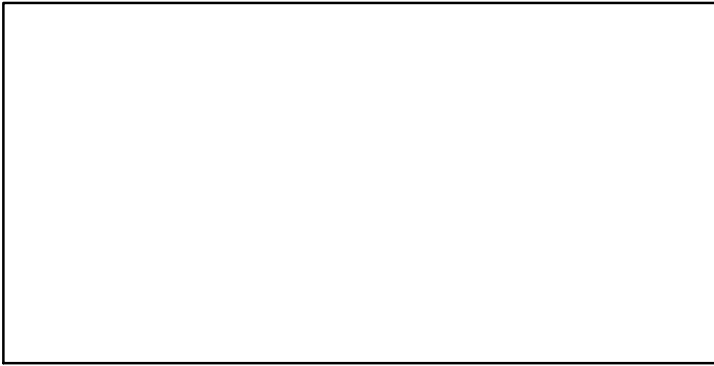
survB-MT (1982–2018–ICESIMP2021)



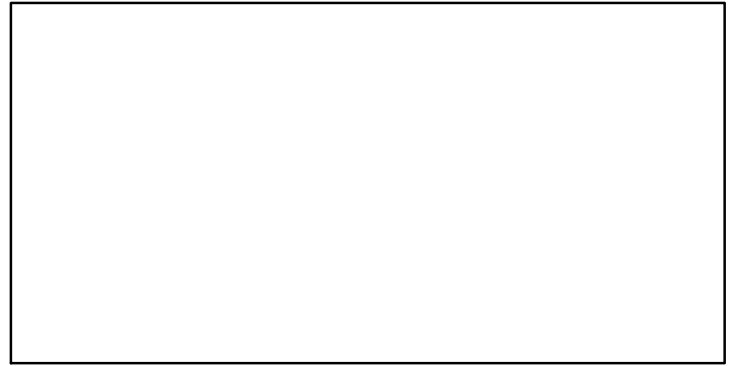
CPUE*



EFFORT*



CdivMSY*



■ 1st listed time series ▲ 3rd listed time series — MORAT
● 2nd listed time series - - - MSY * No Data

Tusk North-East Arctic [CUSKI-II]

Metadata	
Scientific Name	Brosme brosme
Current Assess ID	WGDEEP-CUSKI-II-1988-2018-ICESIMP2021
Area	North-East Arctic
Management Authority	International Council for the Exploration of the Sea
Assessor	Working Group on the Biology and Assessment of Deep-Sea Fisheries Resources
Asmts in RAM	2014, 2016, 2018

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

Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	-	-	-	-	-
SSB	SSB-index	2014	111	Both	-
TN	-	-	-	-	-
R	-	-	-	-	-
F	-	-	-	-	-
ER	-	-	-	-	-
TC	TC-MT	2014	8730		
TL	TL-MT	2018	10,487		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

Kobe MSY*



Kobe MGT*



Spawner Recruit*



Production*



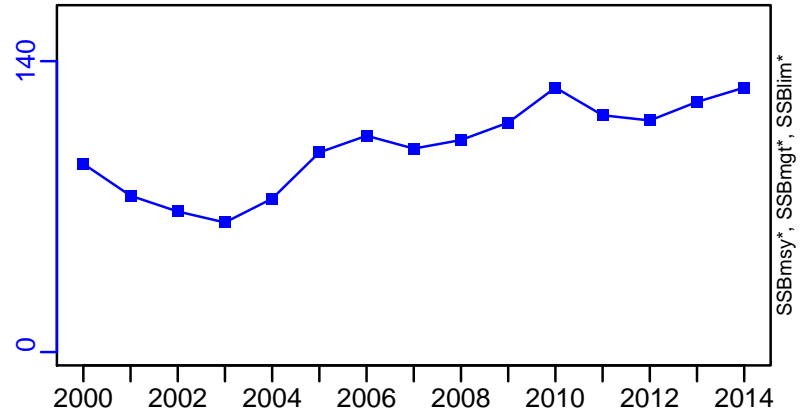
◆ Start Year ◆ End Year * No Data

Tusk North–East Arctic [CUSKI–II]

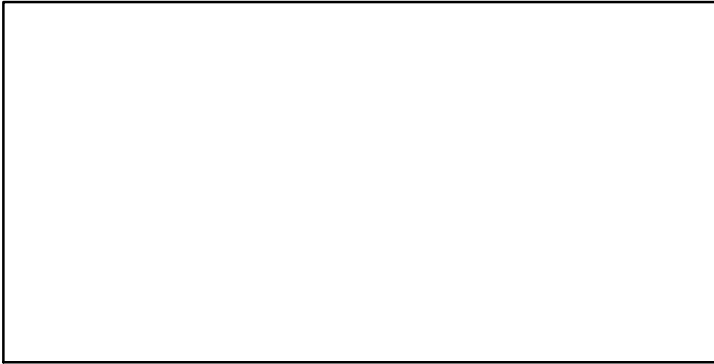
TB*



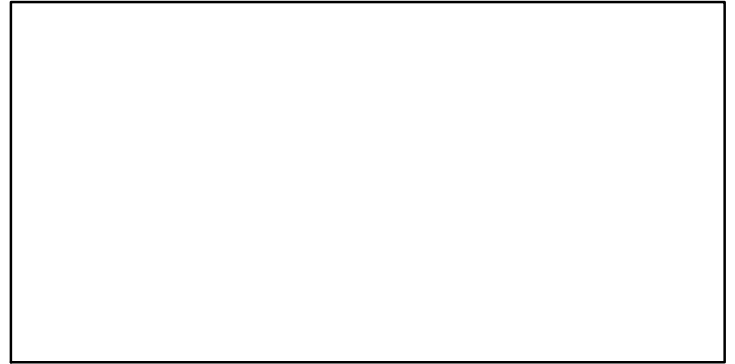
SSB–index (1988–2014–ICESIMP2018)



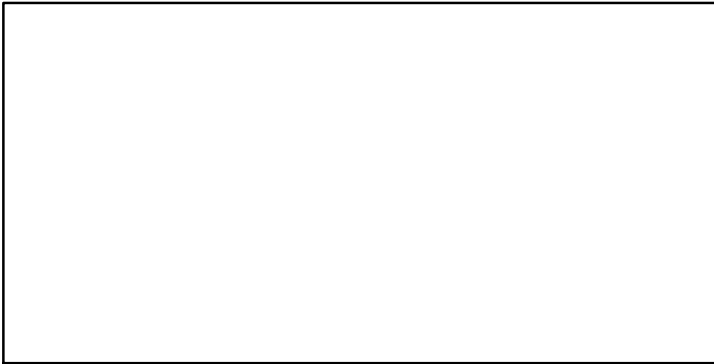
TN *



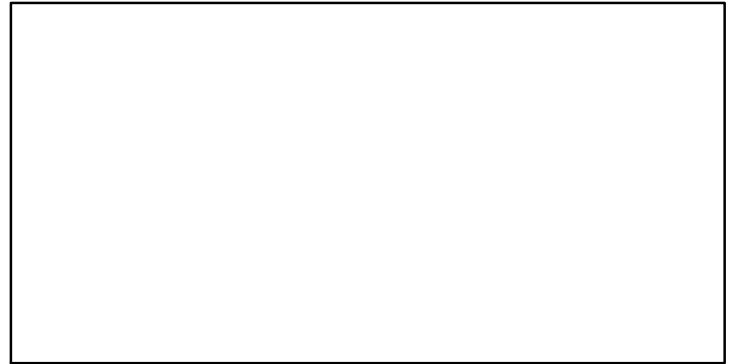
F*



ER*

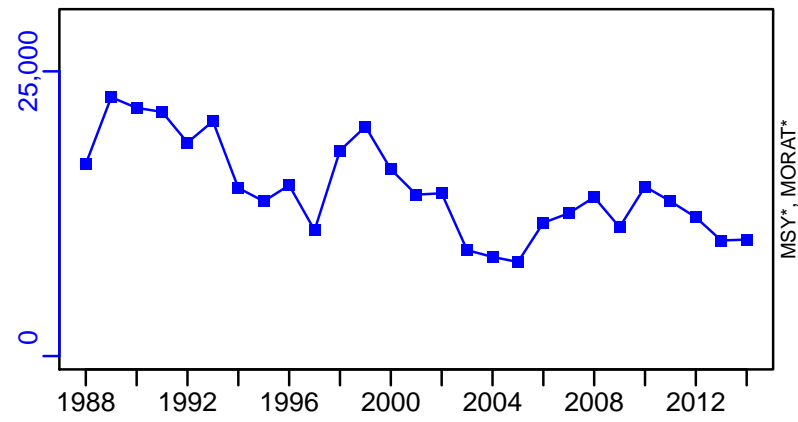


Recruits*



Tusk North-East Arctic [CUSKI-II]

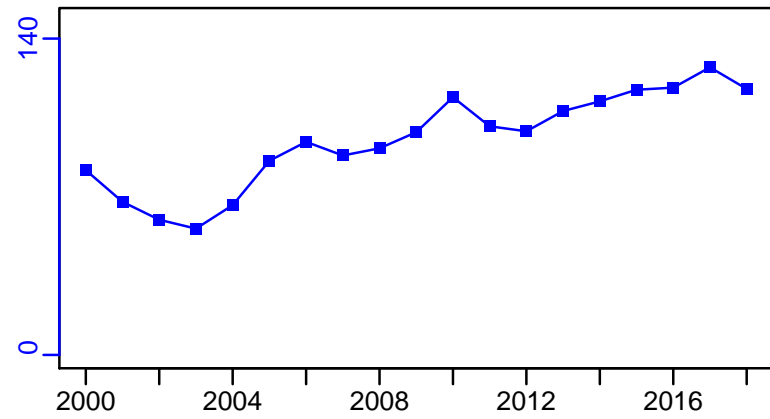
TC-MT, TL*, RecC* (1988–2014–ICESIMP2018)



TAC*, Cpair*, Cadv*



survB-MT (1988–2018–ICESIMP2021)



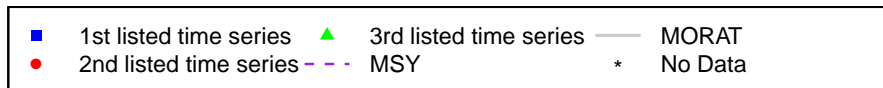
CPUE*



EFFORT*



CdivMSY*



Greenland halibut North-East Arctic [GHALNEAR]

Metadata	
Scientific Name	Reinhardtius hippoglossoides
Current Assess ID	AFWG-GHALNEAR-1935-2019-ICESIMP2021
Area	North-East Arctic
Management Authority	International Council for the Exploration of the Sea
Assessor	Arctic Fisheries Working Group
Asmts in RAM	2016, 2019, 2010, 2015

Reference Points			
Type	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	-	-	-
Fmsy	-	-	-
ERmsy	-	-	-
TBmgt	-	-	-
SSBmgt	-	-	-
Fmgt	-	-	-
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	-	-	-
M	M-1/yr	2010	0.15
TBlim	-	-	-
SSBlim	-	-	-
Flim	-	-	-
ERlim	-	-	-

Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	TB-MT	2016	666,000	Both	-
SSB	SSB-MT	2019	715,671	-	-
TN	-	-	-	-	-
R	R-E00	2019	1×10^6	-	1
F	F-1/yr	2010	0.061	-	6 to 10
ER	ER-ratio	2019	0.039	-	-
TC	TC-MT	2019	28,544		
TL	TL-MT	2019	28,544		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

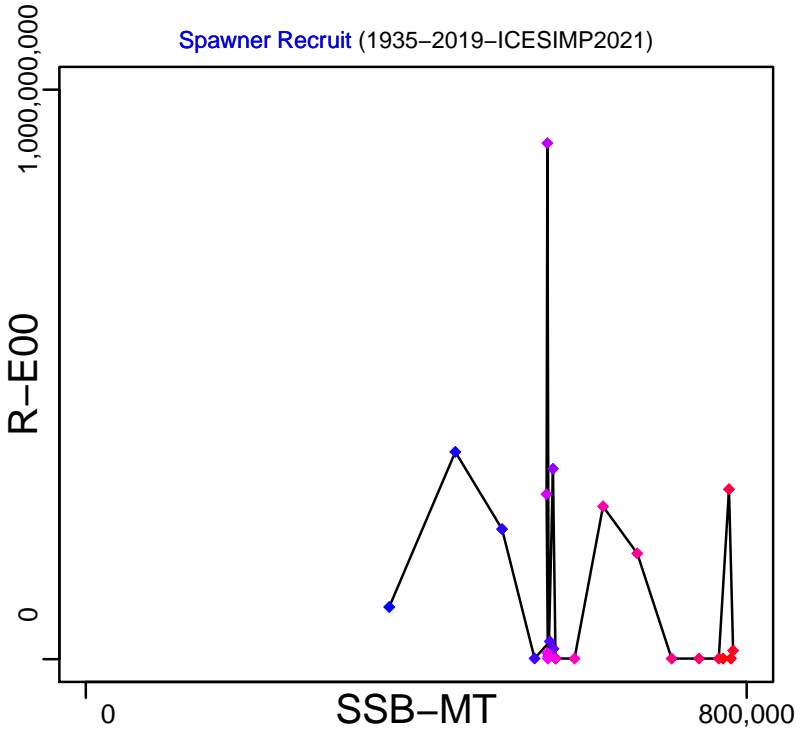
Kobe MSY*



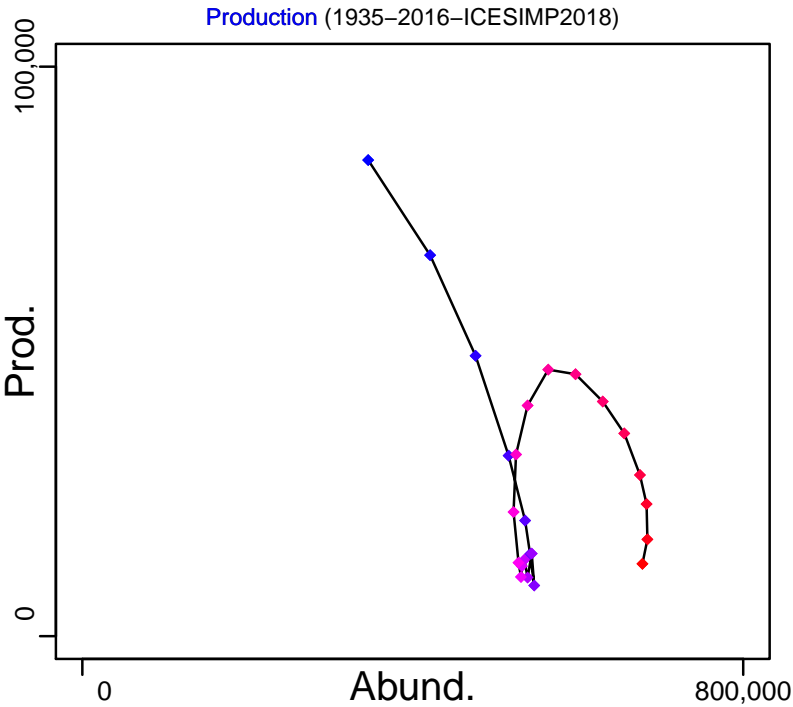
Kobe MGT*



Spawner Recruit (1935–2019–ICESIMP2021)



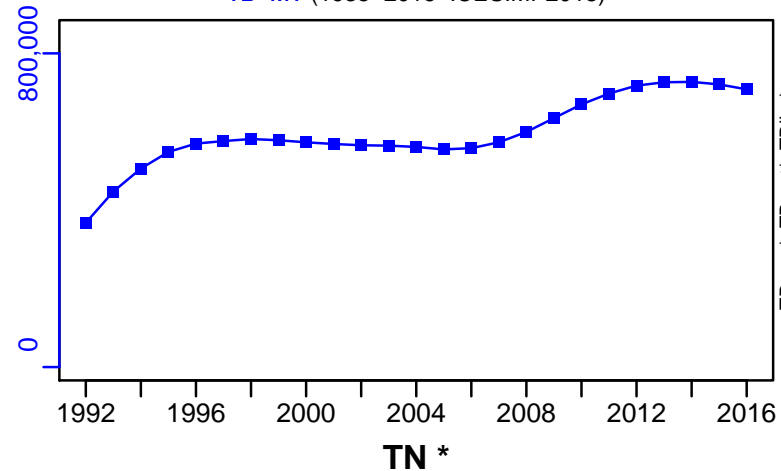
Production (1935–2016–ICESIMP2018)



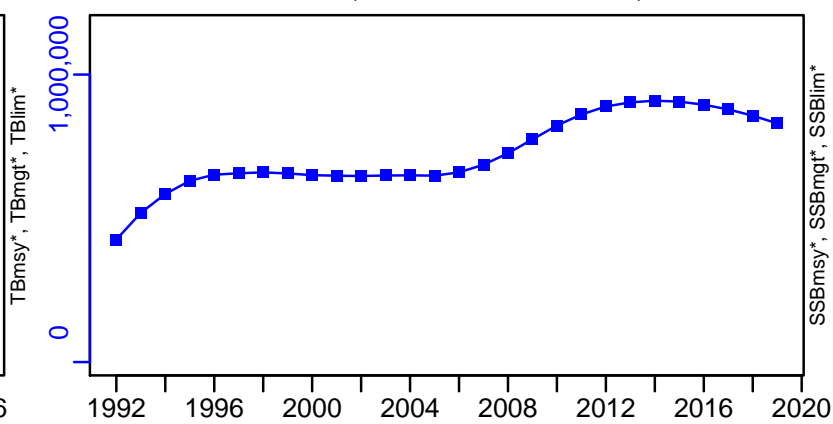
◆ Start Year ◆ End Year * No Data

Greenland halibut North-East Arctic [GHALNEAR]

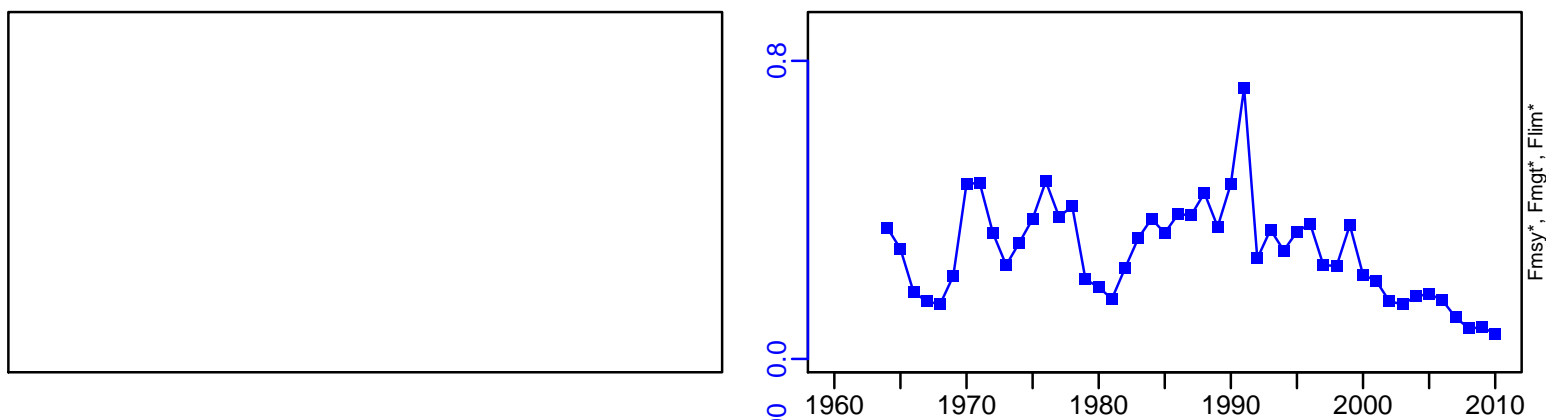
TB-MT (1935–2016–ICESIMP2018)



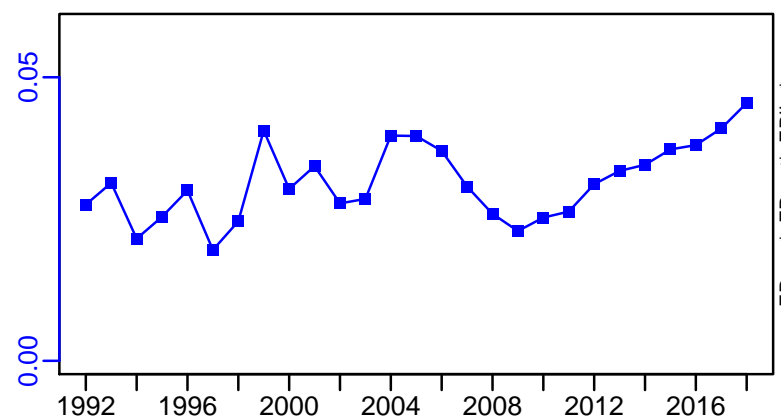
SSB-MT (1935–2019–ICESIMP2021)



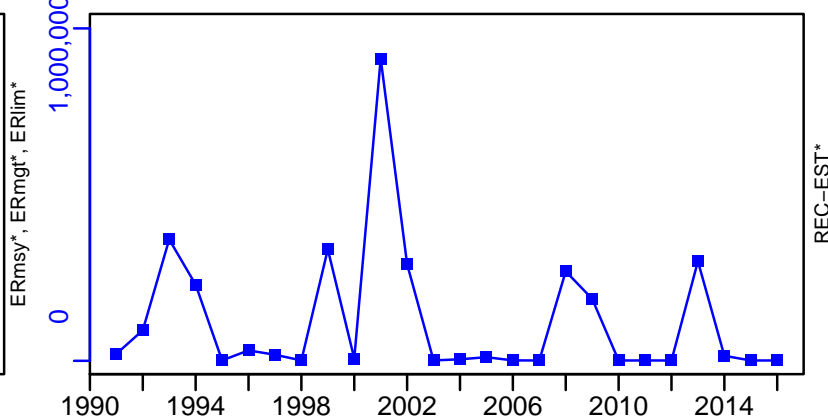
F-1/yr (1960–2010–NEUBAUER)



ER-ratio (1935–2019–ICESIMP2021)

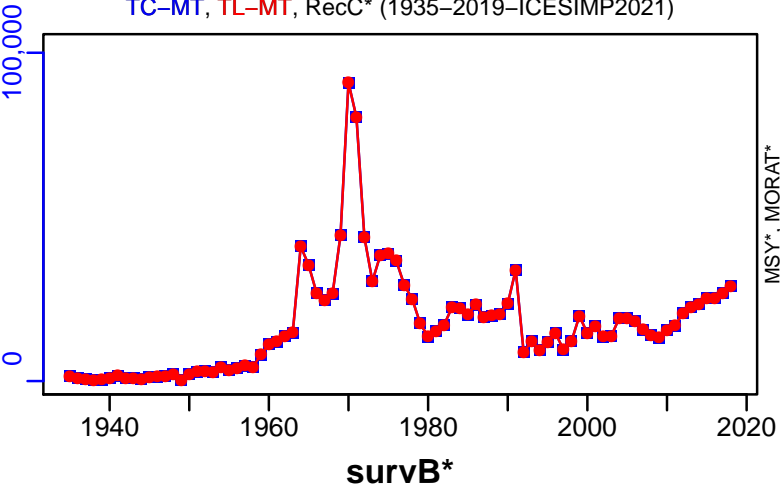


R-E00 (1935–2019–ICESIMP2021)



Greenland halibut North-East Arctic [GHALNEAR]

TC-MT, TL-MT, RecC* (1935-2019-ICESIMP2021)



TAC*, Cpair*, Cadv*



CPUE*



EFFORT*



CdivMSY*



Golden redfish North-East Arctic [GOLDREDNEAR]

Metadata	
Scientific Name	Sebastes norvegicus
Current Assess ID	AFWG-GOLDREDNEAR-1986-2017-ICESIMP2018
Area	North-East Arctic
Management Authority	International Council for the Exploration of the Sea
Assessor	Arctic Fisheries Working Group
Asmts in RAM	2016, 2010, 2017

Reference Points			
Type	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	-	-	-
Fmsy	Fmsy-1/yr	2017	0.052
ERmsy	-	-	-
TBmgt	-	-	-
SSBmgt	-	-	-
Fmgt	Fmgt-1/yr	2017	0.052
ERMgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	-	-	-
M	M-1/yr	2010	0.1
TBlim	-	-	-
SSBlim	SSBlim-MT	2017	44,000
Flim	-	-	-
ERlim	-	-	-

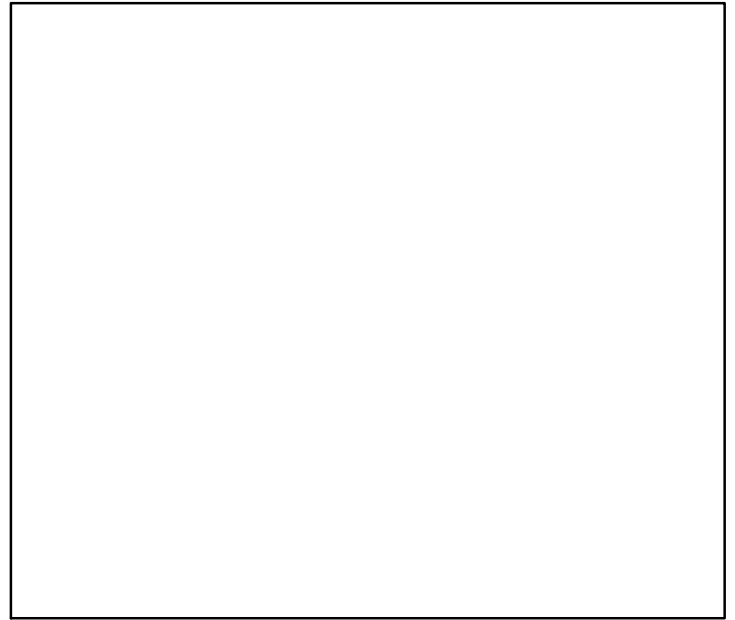
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	TB-MT	2017	34,400	Both	-
SSB	SSB-MT	2017	22,000	Both	-
TN	-	-	-	-	-
R	R-E00	2017	30,000	-	3
F	F-1/yr	2017	0.305	-	15+
ER	ER-calc-ratio	2017	0.155	-	-
TC	TC-MT	2017	5340		
TL	TL-MT	2017	5340		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	F-1/yr/Fmsy-1/yr	2017	5.81		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	F-1/yr/Fmgt-1/yr	2017	5.81		
ER/ERMgt	-	-	-		

Golden redfish North-East Arctic [GOLDREDNEAR]

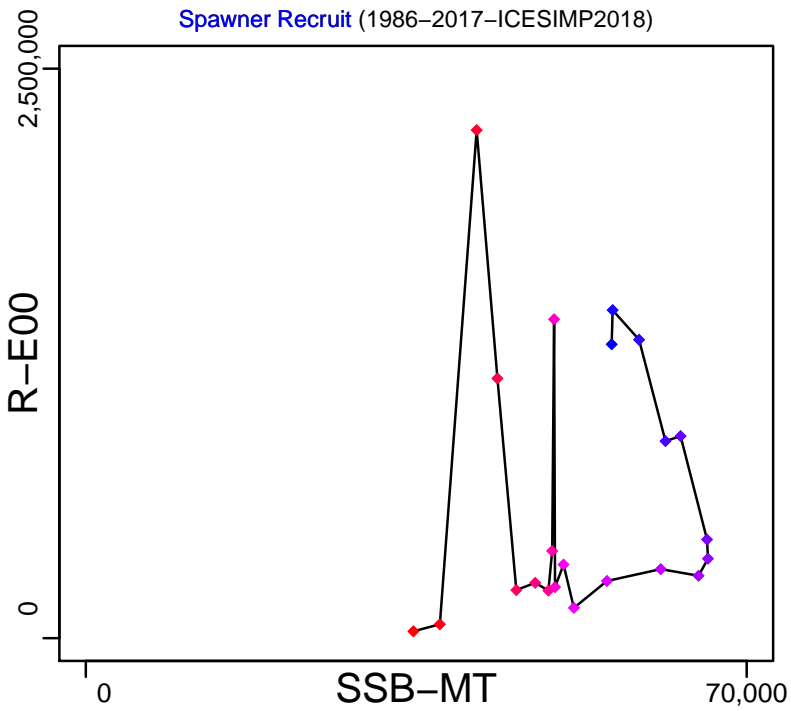
Kobe MSY*



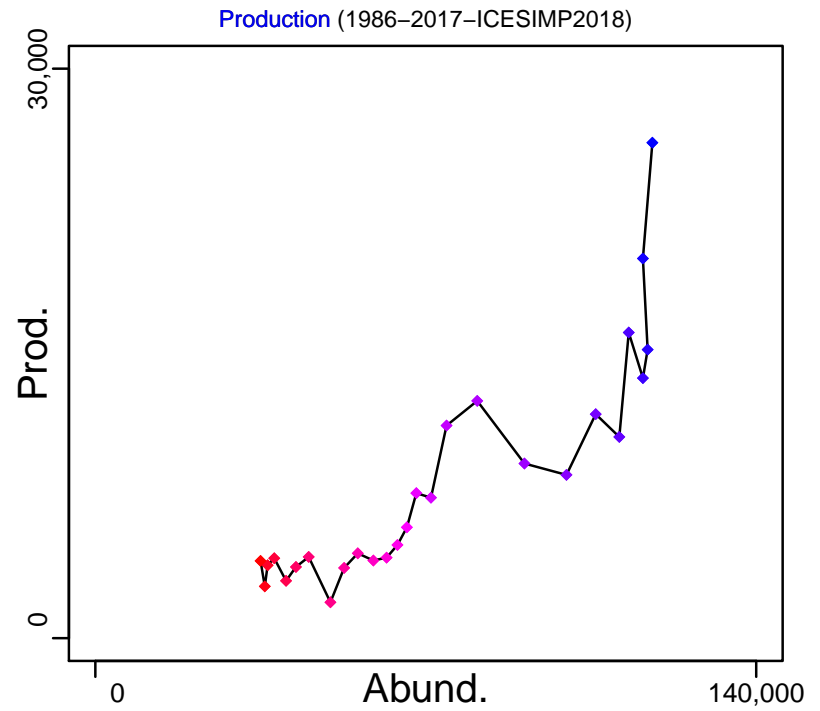
Kobe MGT*



Spawner Recruit (1986–2017–ICESIMP2018)



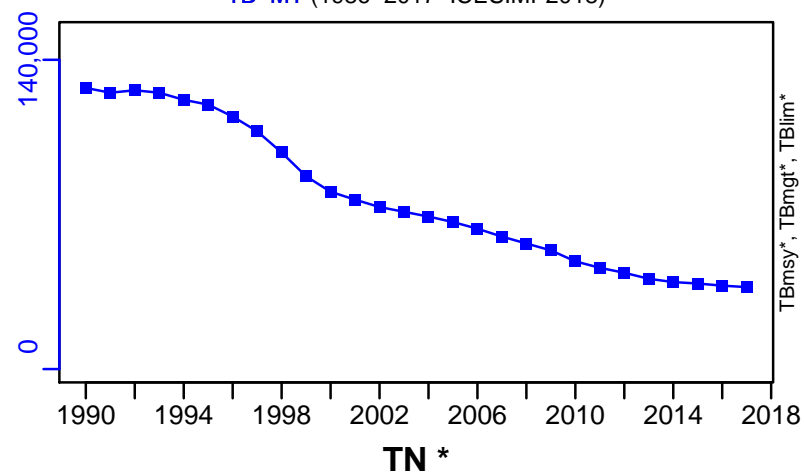
Production (1986–2017–ICESIMP2018)



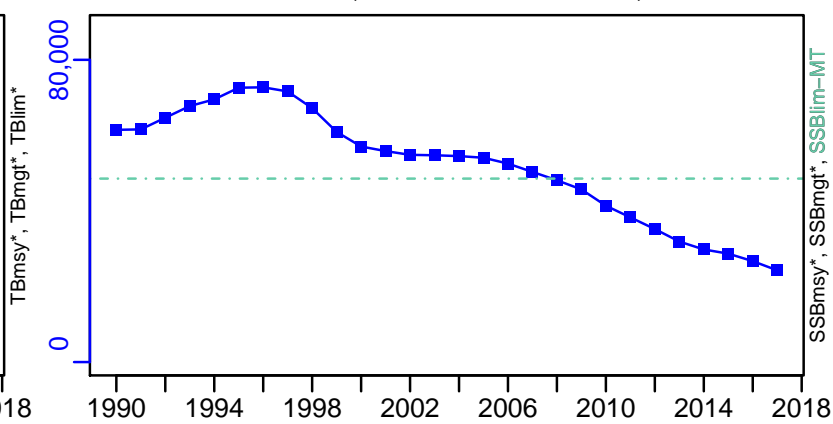
◆ Start Year ◆ End Year * No Data

Golden redfish North-East Arctic [GOLDREDNEAR]

TB-MT (1986–2017–ICESIMP2018)



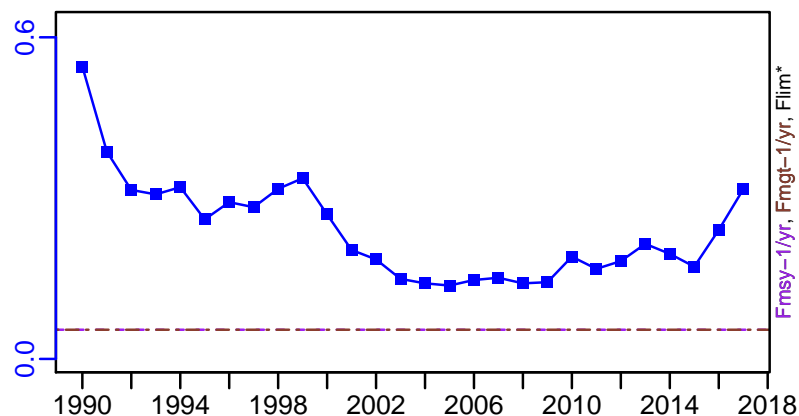
SSB-MT (1986–2017–ICESIMP2018)



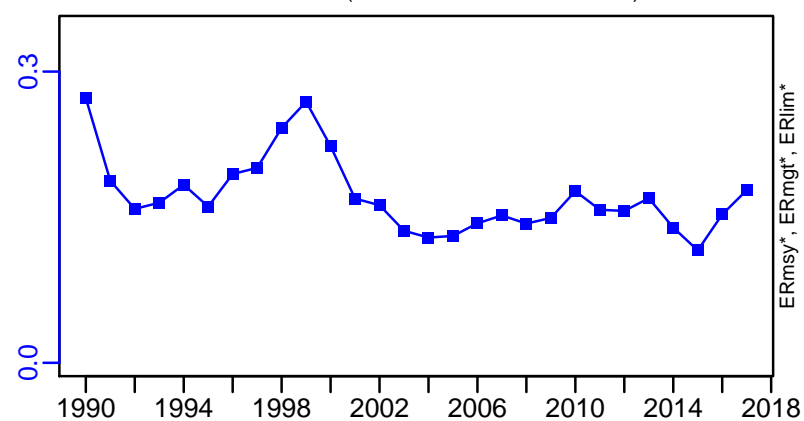
TN *



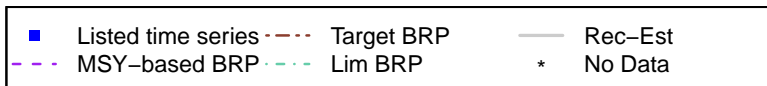
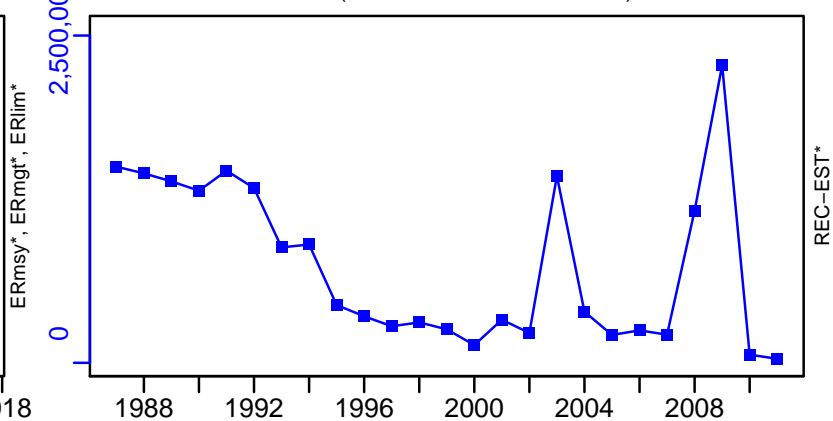
F-1/yr (1986–2017–ICESIMP2018)



ER-calc-ratio (1986–2017–ICESIMP2018)

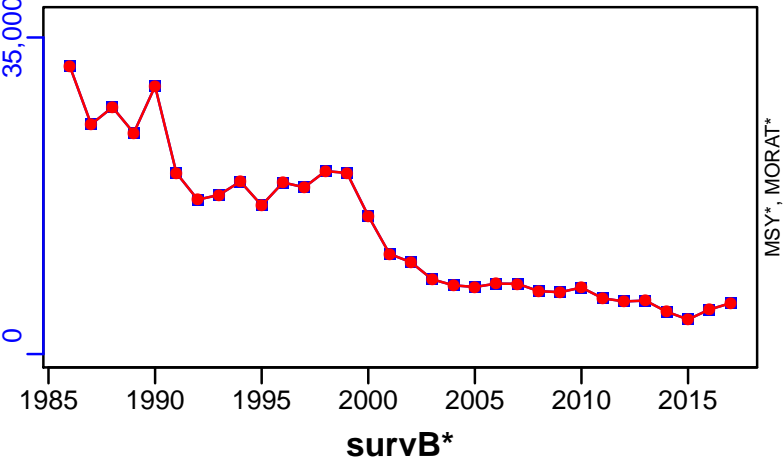


R-E00 (1986–2017–ICESIMP2018)



Golden redfish North-East Arctic [GOLDREDNEAR]

TC-MT, TL-MT, RecC* (1986-2017-ICESIMP2018)



TAC*, Cpair*, Cadv*



CPUE*



EFFORT*



CdivMSY*



Greater silver smelt ICES 5a-14 [GSSMELTVa-XIV]

Metadata	
Scientific Name	Argentina silus
Current Assess ID	WGDEEP-GSSMELTVa-XIV-2000-2018-ICESIMP2021
Area	ICES 5a-14
Management Authority	International Council for the Exploration of the Sea
Assessor	Working Group on the Biology and Assessment of Deep-Sea Fisheries Resources
Asmts in RAM	2016, 2016, 2017, 2018

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

Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	-	-	-	-	-
SSB	-	-	-	-	-
TN	-	-	-	-	-
R	-	-	-	-	-
F	F-1/yr	2018	0.08	-	-
ER	-	-	-	-	-
TC	TC-MT	2016	6060		
TL	TL-MT	2018	4460		
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*



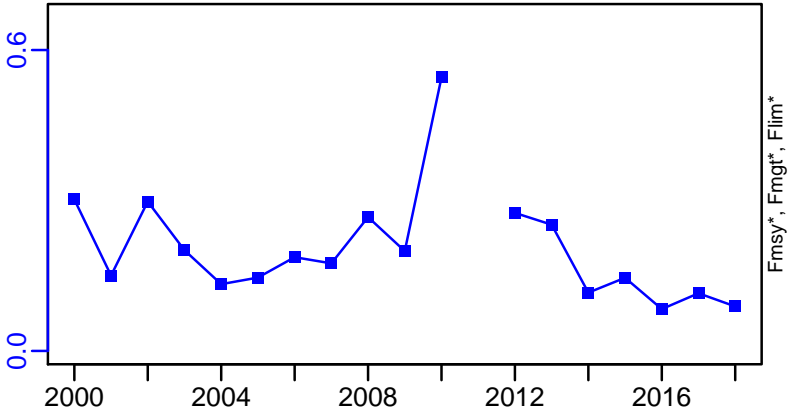
SSB*



TN *



F-1/yr (2000-2018-ICESIMP2021)



ER*

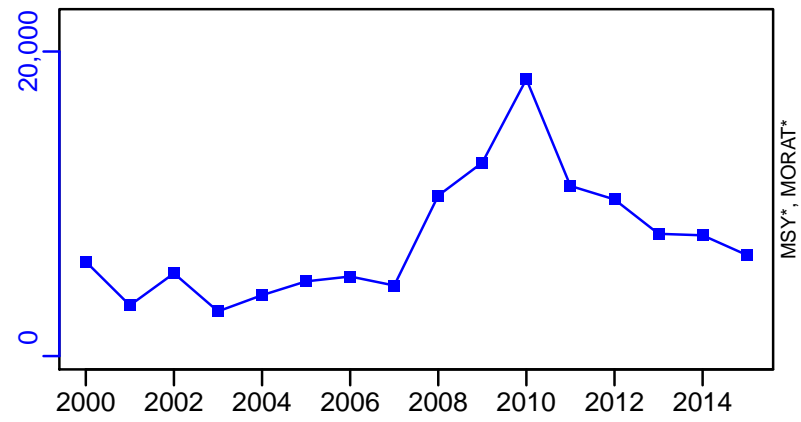


Recruits*



Greater silver smelt ICES 5a-14 [GSSMELTVa-XIV]

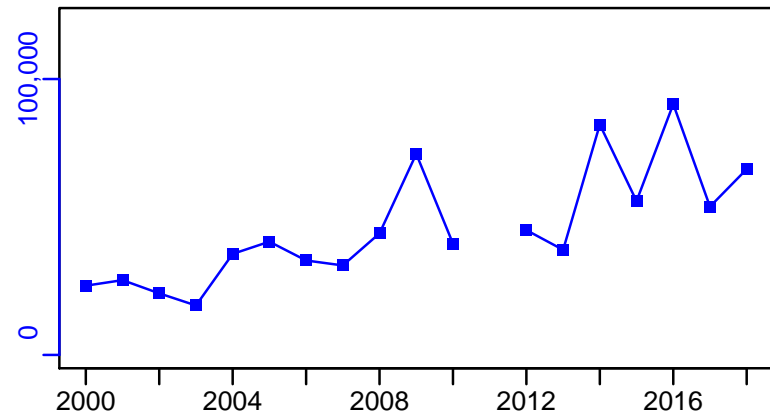
TC-MT, TL*, RecC* (2000-2016-ICESIMP2016)



TAC*, Cpair*, Cadv*



survB-MT (2000-2018-ICESIMP2021)



CPUE*



EFFORT*



CdivMSY*



Greater silver smelt ICES 5b-6a [GSSMELTVb-VIa]

Metadata	
Scientific Name	Argentina silus
Current Assess ID	WGDEEP-GSSMELTVb-VIa-1988-2018-ICESIMP2021
Area	ICES 5b-6a
Management Authority	International Council for the Exploration of the Sea
Assessor	Working Group on the Biology and Assessment of Deep-Sea Fisheries Resources
Asmts in RAM	2014, 2016, 2018

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

Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	-	-	-	-	-
SSB	SSB-index	2014	20	Both	-
TN	-	-	-	-	-
R	-	-	-	-	-
F	-	-	-	-	-
ER	-	-	-	-	-
TC	TC-MT	2016	18,000		
TL	TL-MT	2018	16,033		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

Kobe MSY*



Kobe MGT*



Spawner Recruit*



Production*



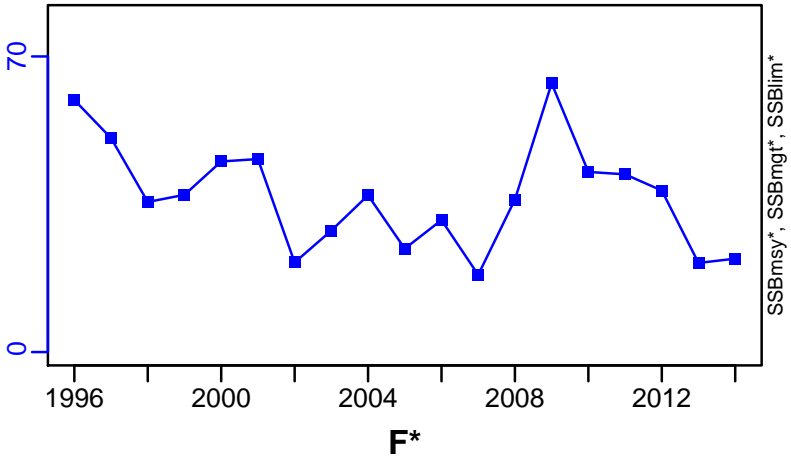
◆ Start Year ◆ End Year * No Data

Greater silver smelt ICES 5b-6a [GSSMELTVb-VIa]

TB*



SSB-index (1988-2014-ICESIMP2018)



TN *



F*



ER*

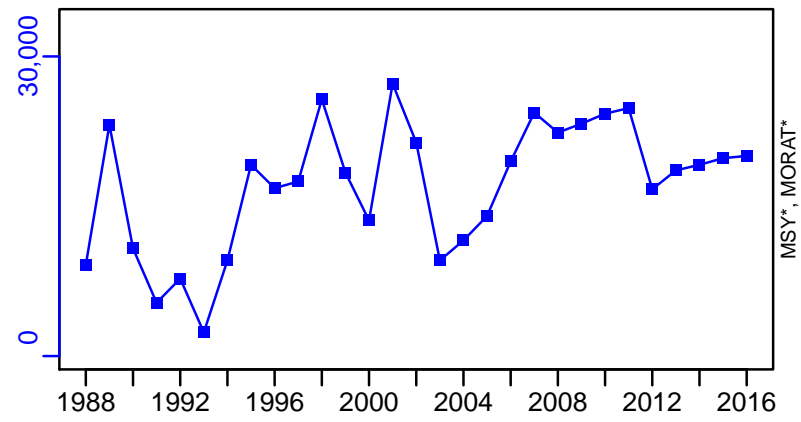


Recruits*



Greater silver smelt ICES 5b-6a [GSSMELTVb-VIa]

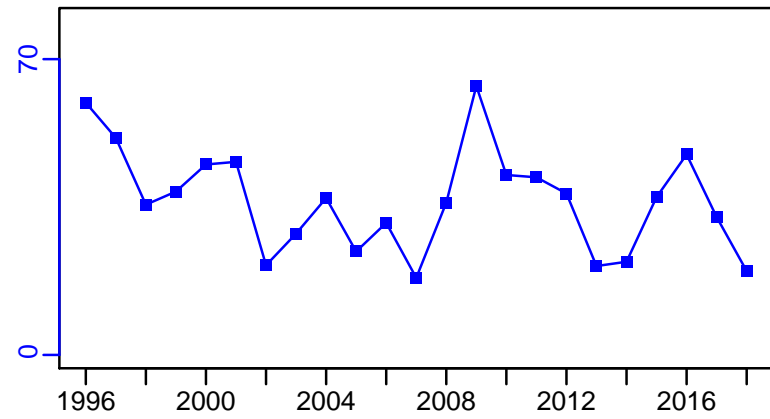
TC-MT, TL*, RecC* (1988-2016-ICESIMP2018)



TAC*, Cpair*, Cadv*



survB-index (1988-2018-ICESIMP2021)



CPUE*



EFFORT*



CdivMSY*



Haddock Faroe Plateau [HADFAPL]

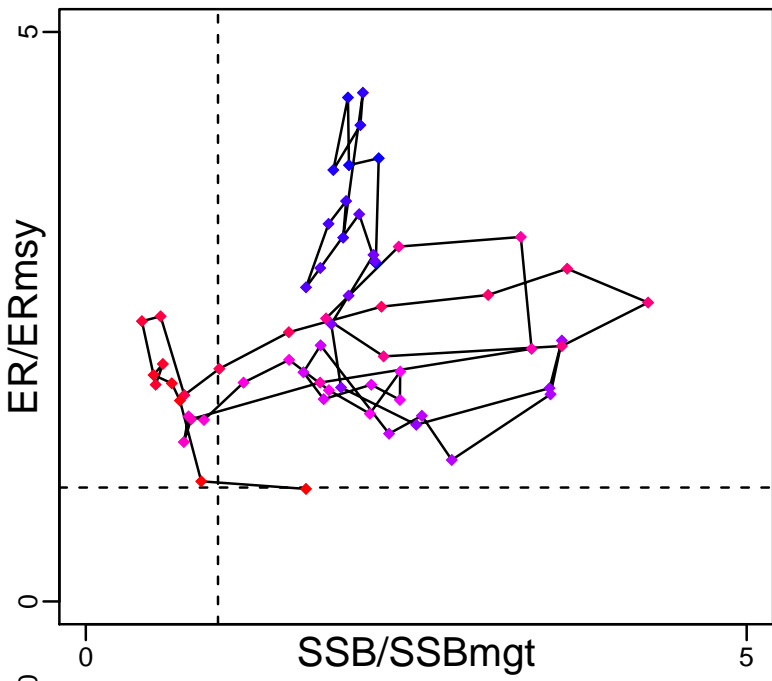
Metadata	
Scientific Name	Melanogrammus aeglefinus
Current Assess ID	NWWG-HADFAPL-1956-2019-ICESIMP2021
Area	Faroe Plateau
Management Authority	International Council for the Exploration of the Sea
Assessor	North-Western Working Group
Asmts in RAM	2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019

Reference Points			
Type	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	-	-	-
Fmsy	Fmsy-1/yr	2018	0.165
ERmsy	ERmsy-ratio	2019	0.165
TBmgt	-	-	-
SSBmgt	SSBmgt-MT	2019	22,843
Fmgt	Fmgt-1/yr	2018	0.165
ERmgt	ERmgt-ratio	2019	0.165
TB0	-	-	-
SSB0	-	-	-
MSY	MSY-MT	2012	35,000
M	-	-	-
TBlim	-	-	-
SSBlim	SSBlim-MT	2018	16,780
Flim	Flim-1/yr	2018	0.54
ERlim	-	-	-

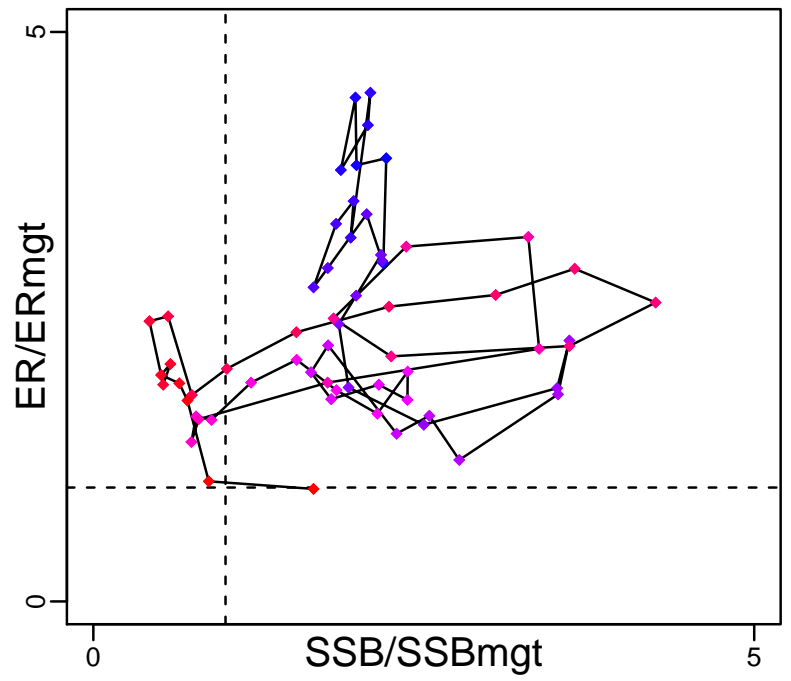
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	TB-MT	2019	90,093	-	-
SSB	SSB-MT	2019	51,198	-	-
TN	-	-	-	-	-
R	R-E00	2019	34,187,000	-	1
F	F-1/yr	2018	0.228	-	3 to 7
ER	ER-ratio	2019	0.163	-	3 to 7
TC	TC-MT	2019	5588		
TL	TL-MT	2019	5588		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	F-1/yr/Fmsy-1/yr	2018	1.382		
ER/ERmsy	ER-ratio/ERmsy-ratio	2019	0.988		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2019	2.241		
F/Fmgt	F-1/yr/Fmgt-1/yr	2018	1.382		
ER/ERmgt	-	-	-		

Haddock Faroe Plateau [HADFAPL]

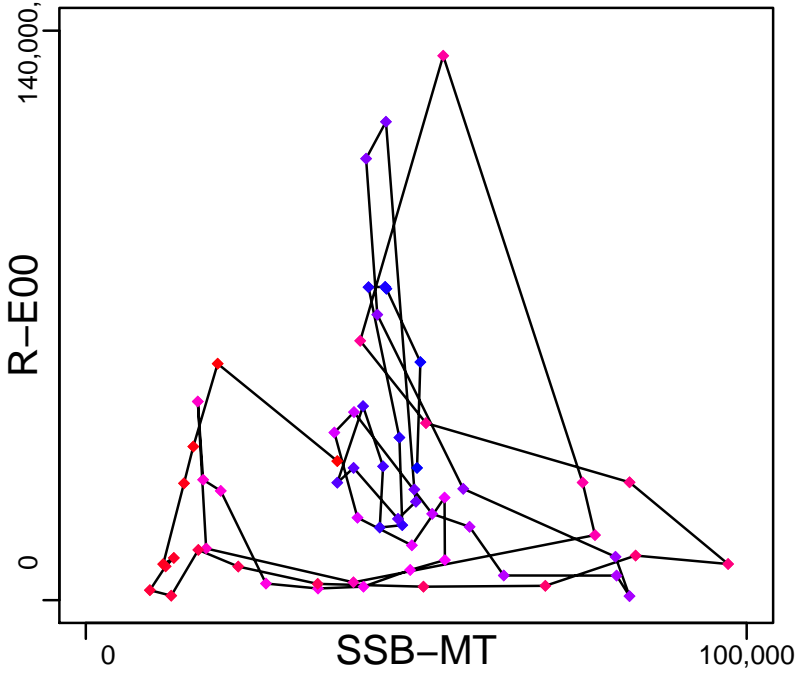
Kobe MSYpref (1956–2019–ICESIMP2021)



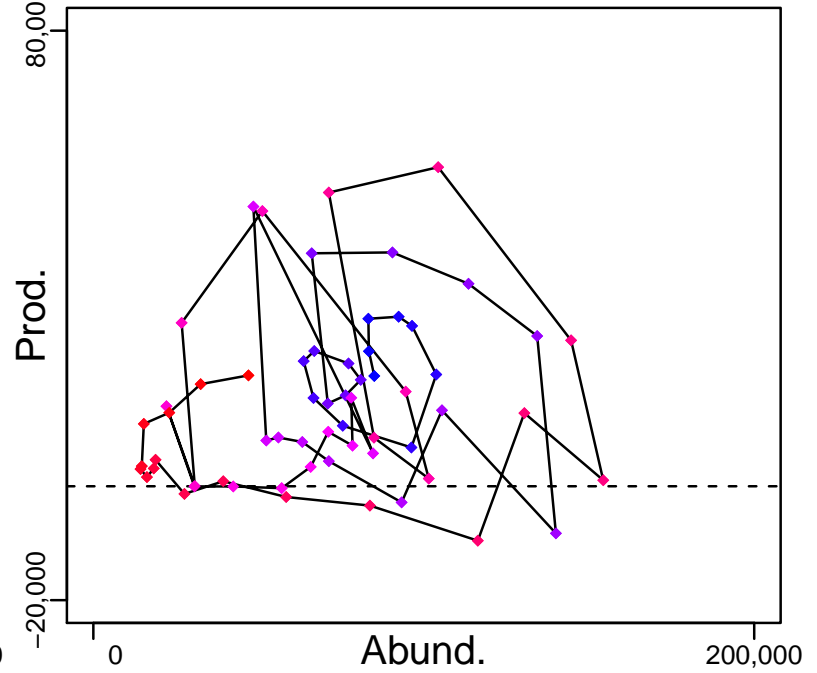
Kobe MGTpref (1956–2019–ICESIMP2021)



Spawner Recruit (1956–2019–ICESIMP2021)



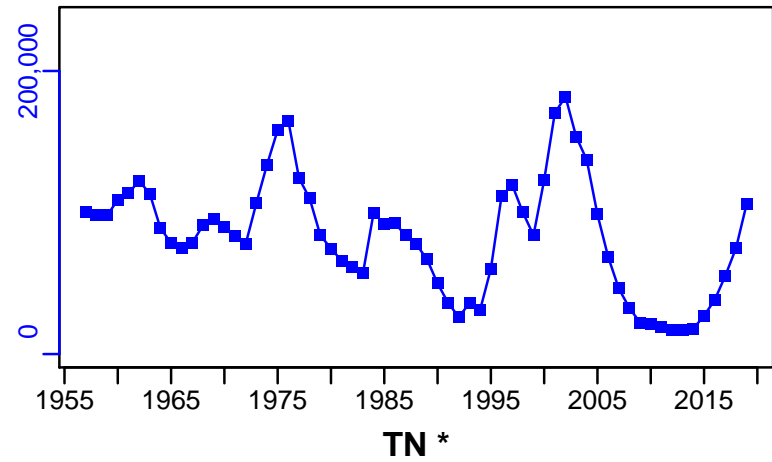
Production (1956–2019–ICESIMP2021)



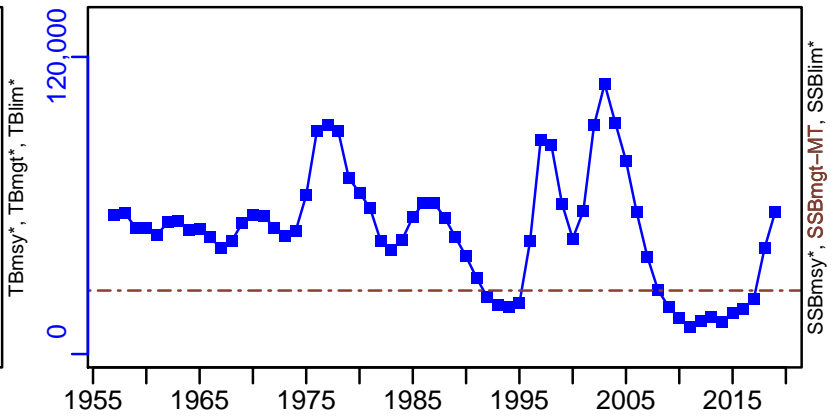
◆ Start Year ◆ End Year * No Data

Haddock Faroe Plateau [HADFAPL]

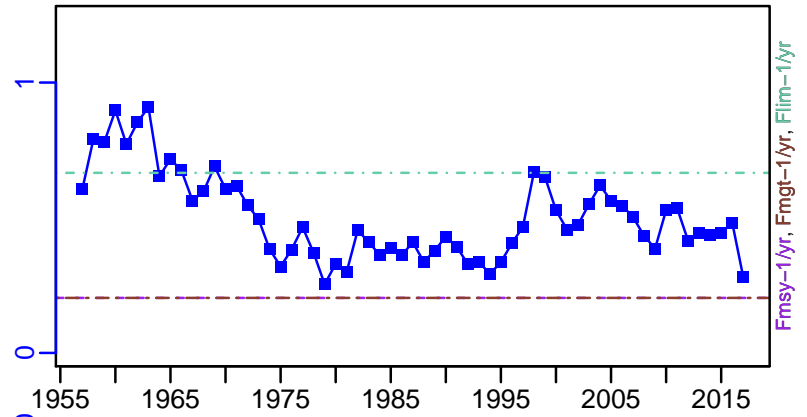
TB-MT (1956–2019–ICESIMP2021)



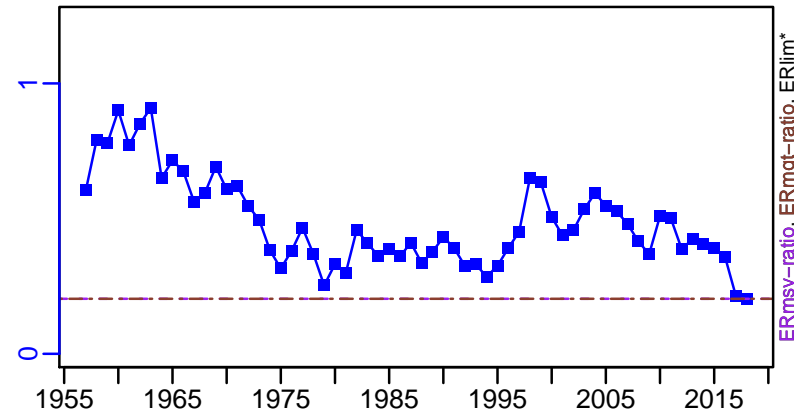
SSB-MT (1956–2019–ICESIMP2021)



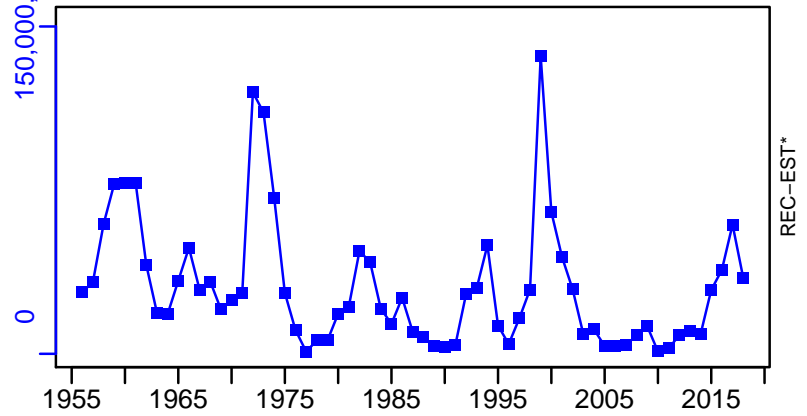
F-1/yr (1956–2018–ICESIMP2018)



ER-ratio (1956–2019–ICESIMP2021)

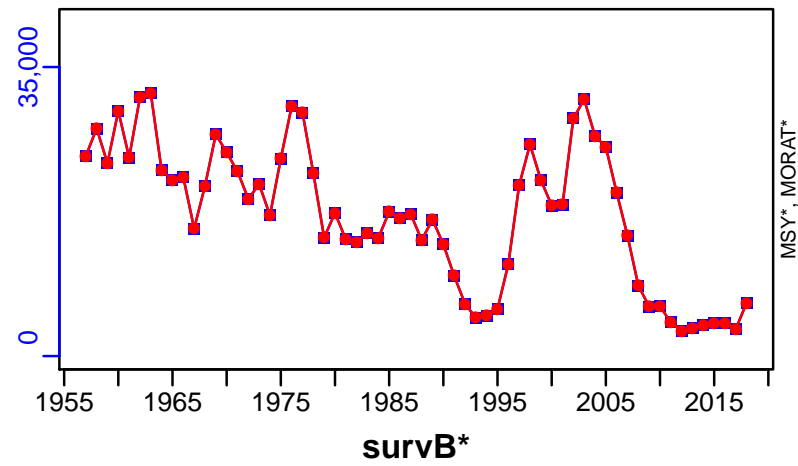


R-E00 (1956–2019–ICESIMP2021)



Haddock Faroe Plateau [HADFAPL]

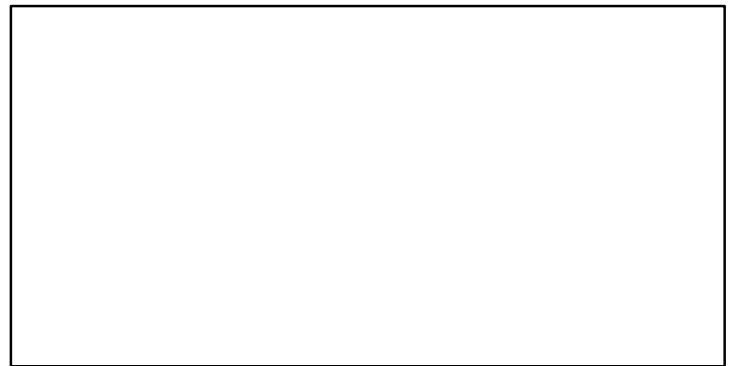
TC-MT, TL-MT, RecC* (1956–2019–ICESIMP2021)



TAC*, Cpair*, Cadv*



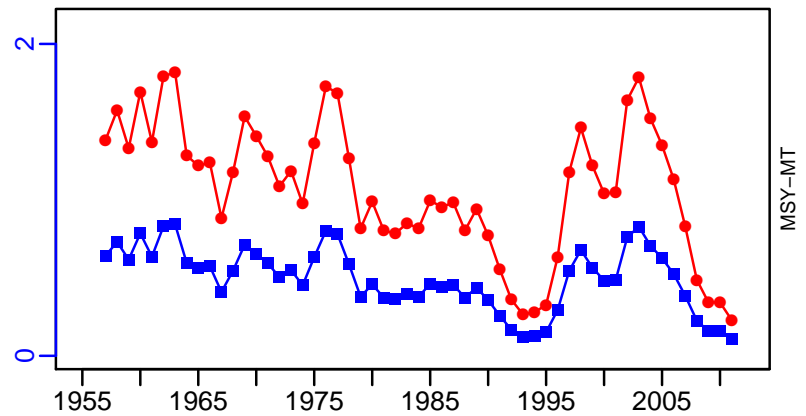
CPUE*



EFFORT*



TL-MT/MSY-MT, CdivMEANC-ratio, (1955–2012–CHING)



Haddock Iceland Grounds [HADICE]

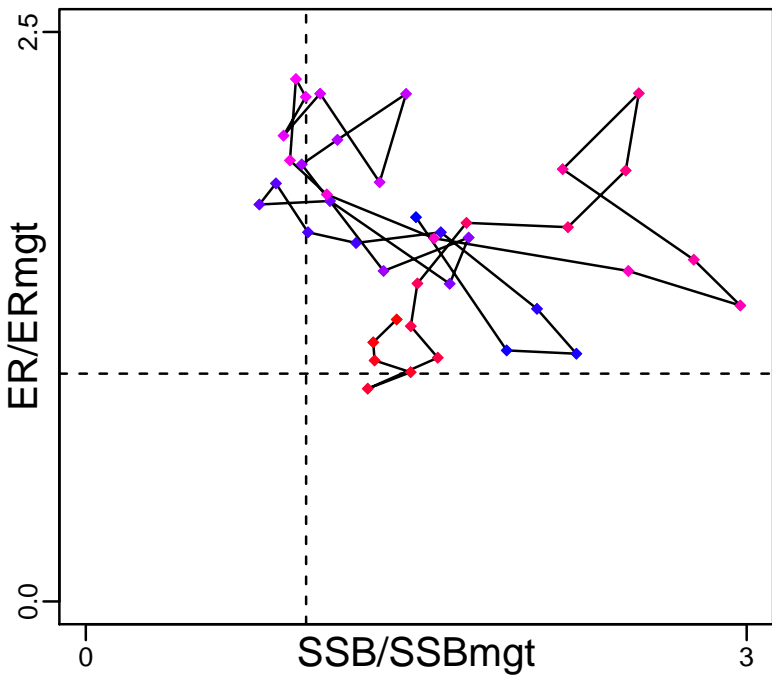
Metadata	
Scientific Name	Melanogrammus aeglefinus
Current Assess ID	NWWG-HADICE-1977-2019-ICESIMP2021
Area	Iceland Grounds
Management Authority	International Council for the Exploration of the Sea
Assessor	North-Western Working Group
Asmts in RAM	2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019

Reference Points			
Type	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	-	-	-
Fmsy	-	-	-
ERmsy	-	-	-
TBmgt	-	-	-
SSBmgt	SSBmgt-MT	2019	49,400
Fmgt	-	-	-
ERmgt	ERmgt-ratio	2019	0.35
TB0	-	-	-
SSB0	-	-	-
MSY	-	-	-
M	-	-	-
TBlim	TBlim-MT	2012	45,000
SSBlim	SSBlim-MT	2017	45,000
Flim	-	-	-
ERlim	-	-	-

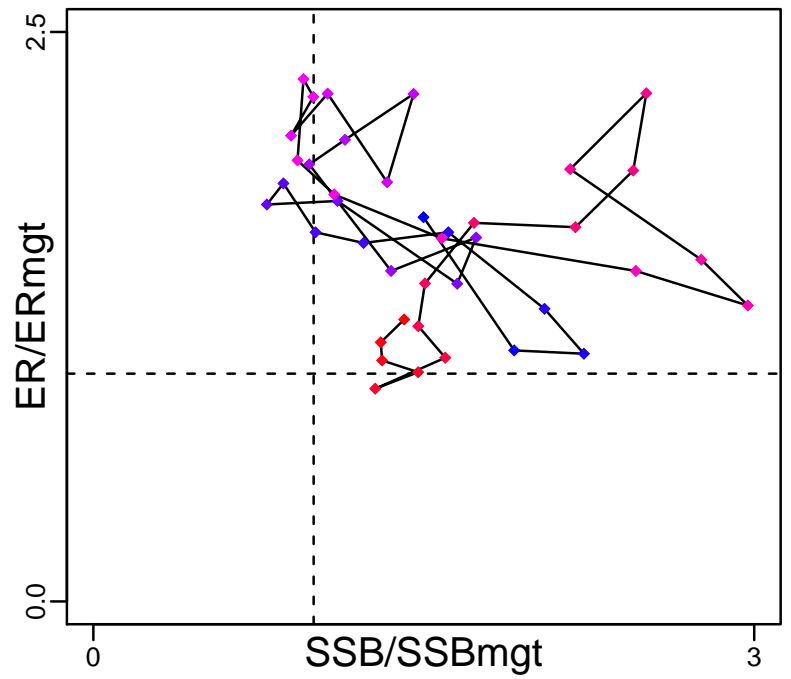
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	TB-MT	2019	194	-	-
SSB	SSB-MT	2019	76,758	-	-
TN	-	-	-	-	-
R	R-E00	2019	81,247	-	2
F	F-1/yr	2018	0.368	-	4 to 7
ER	ER-ratio	2019	0.433	-	-
TC	TC-MT	2019	48,860		
TL	TL-MT	2019	48,860		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2019	1.554		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

Haddock Iceland Grounds [HADICE]

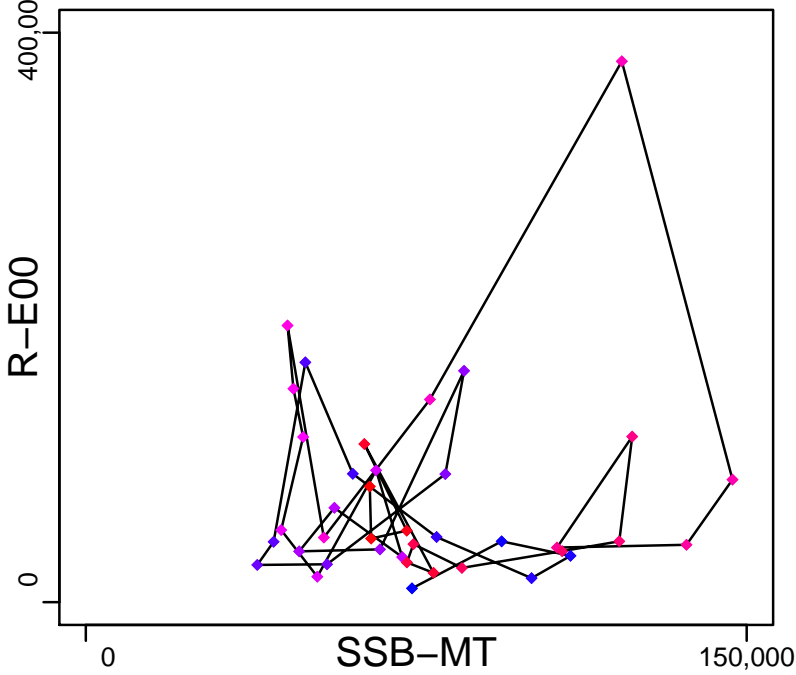
Kobe MSYpref (1977–2019–ICESIMP2021)



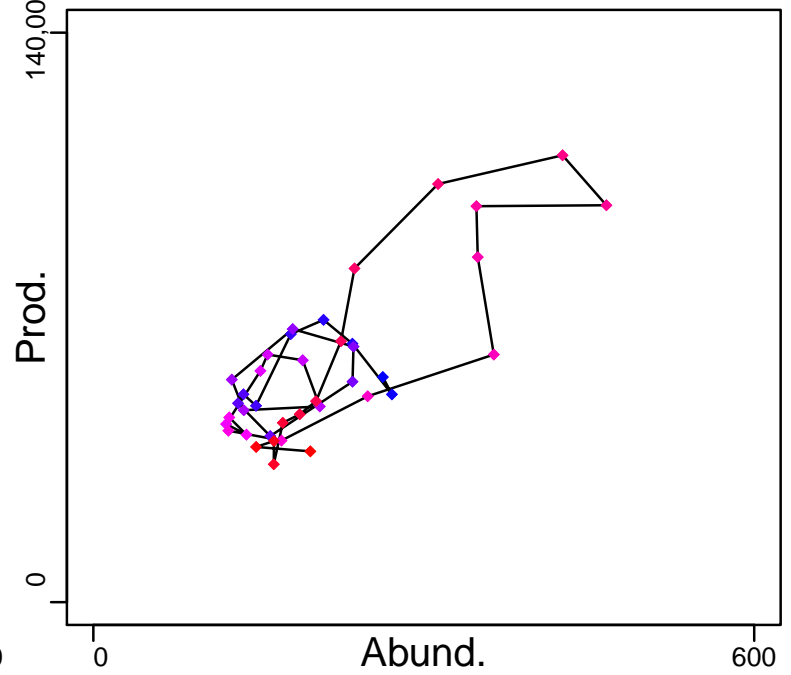
Kobe MGTpref (1977–2019–ICESIMP2021)



Spawner Recruit (1977–2019–ICESIMP2021)



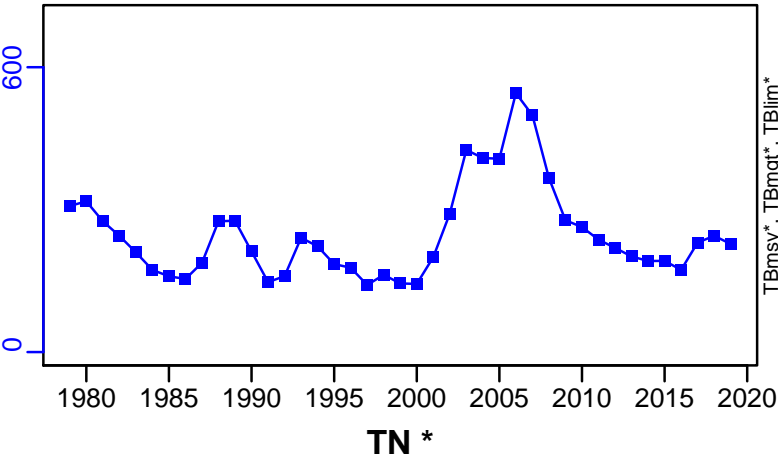
Production (1977–2019–ICESIMP2021)



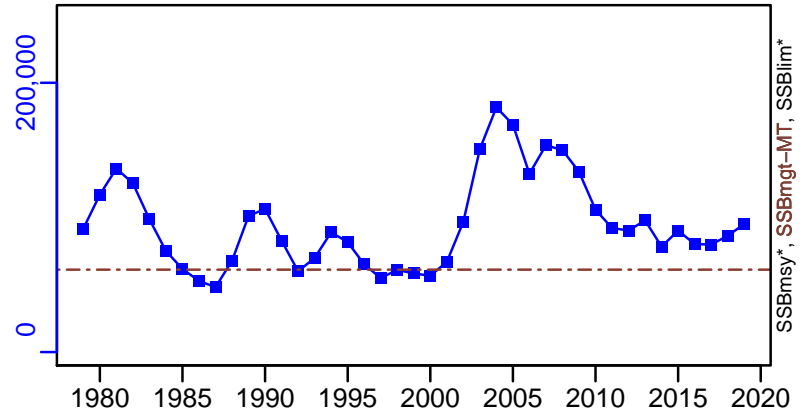
◆ Start Year ◆ End Year * No Data

Haddock Iceland Grounds [HADICE]

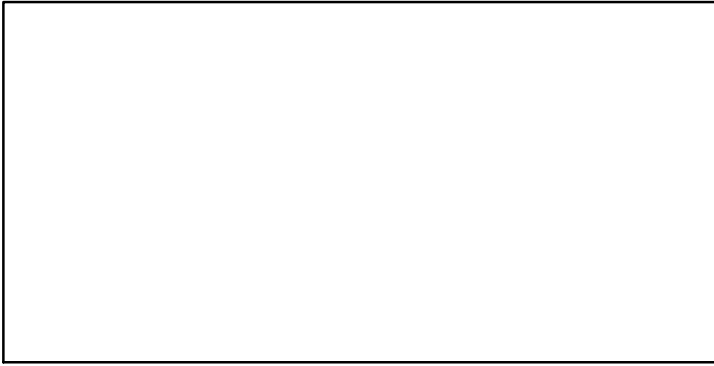
TB-MT (1977–2019–ICESIMP2021)



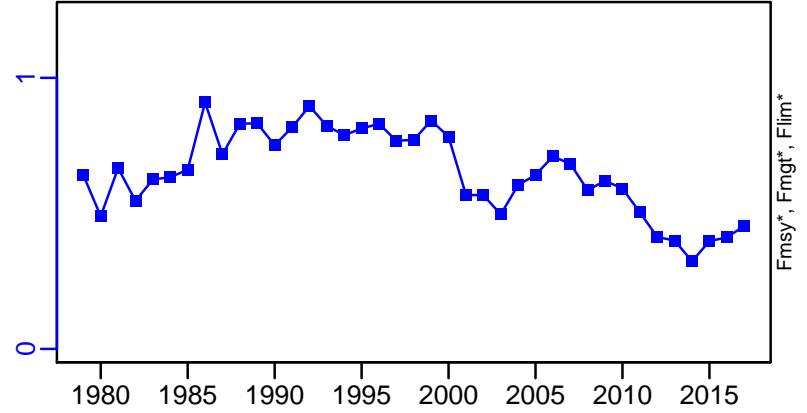
SSB-MT (1977–2019–ICESIMP2021)



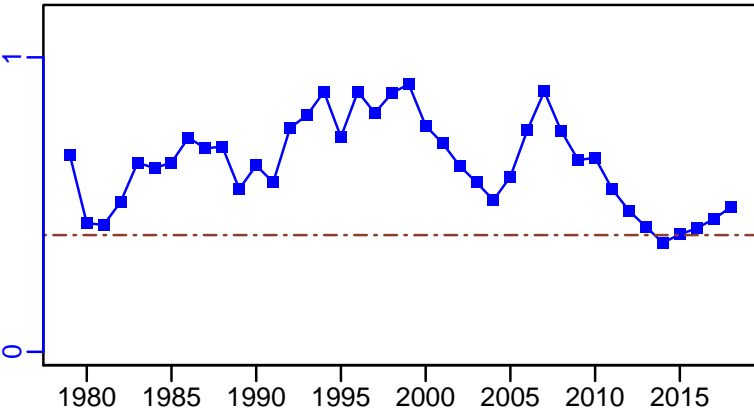
TN *



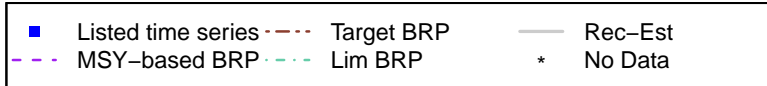
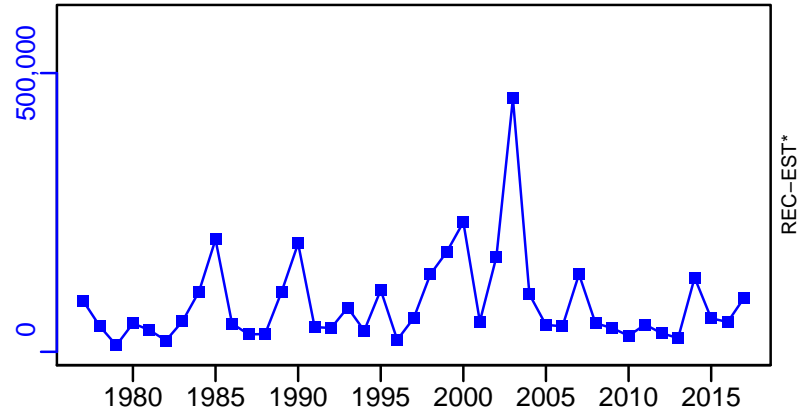
F-1/yr (1977–2018–ICESIMP2018)



ER-ratio (1977–2019–ICESIMP2021)

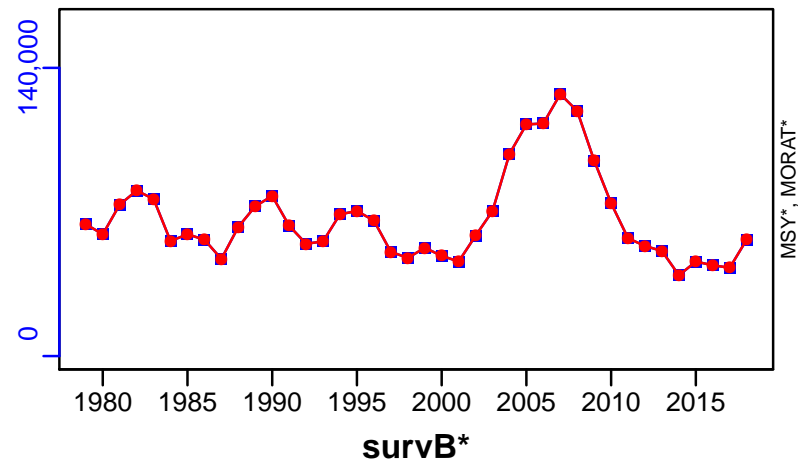


R-E00 (1977–2019–ICESIMP2021)



Haddock Iceland Grounds [HADICE]

TC-MT, TL-MT, RecC* (1977-2019-ICESIMP2021)



TAC*, Cpair*, Cadv*



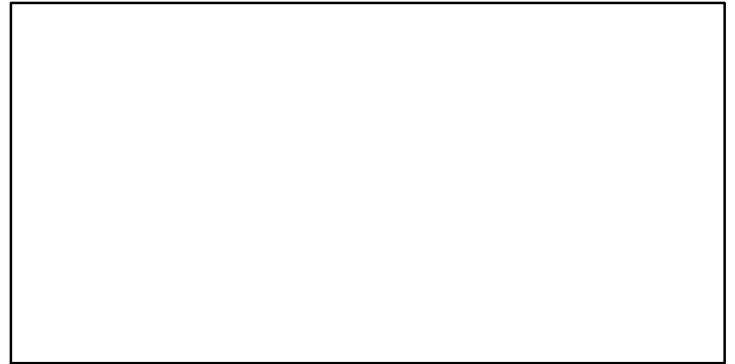
CPUE*



EFFORT*



CdivMSY*



■ 1st listed time series ▲ 3rd listed time series — MORAT
● 2nd listed time series - - - MSY * No Data

Haddock North-East Arctic [HADNEAR]

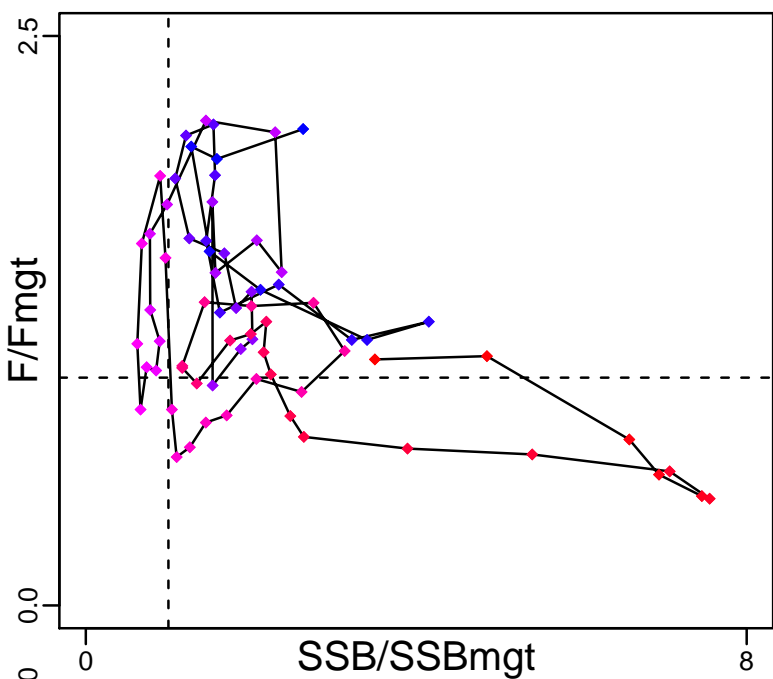
Metadata	
Scientific Name	Melanogrammus aeglefinus
Current Assess ID	AFWG-HADNEAR-1947-2019-ICESIMP2021
Area	North-East Arctic
Management Authority	International Council for the Exploration of the Sea
Assessor	Arctic Fisheries Working Group
Asmts in RAM	2012, 2013, 2014, 2015, 2016, 2017, 2019

Reference Points			
Type	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	-	-	-
Fmsy	Fmsy-1/yr	2017	0.35
ERmsy	-	-	-
TBmgt	-	-	-
SSBmgt	SSBmgt-MT	2019	80,000
Fmgt	Fmgt-1/yr	2019	0.35
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	-	-	-
M	-	-	-
TBlim	-	-	-
SSBlim	SSBlim-MT	2017	80,000
Flim	Flim-1/yr	2017	0.77
ERlim	-	-	-

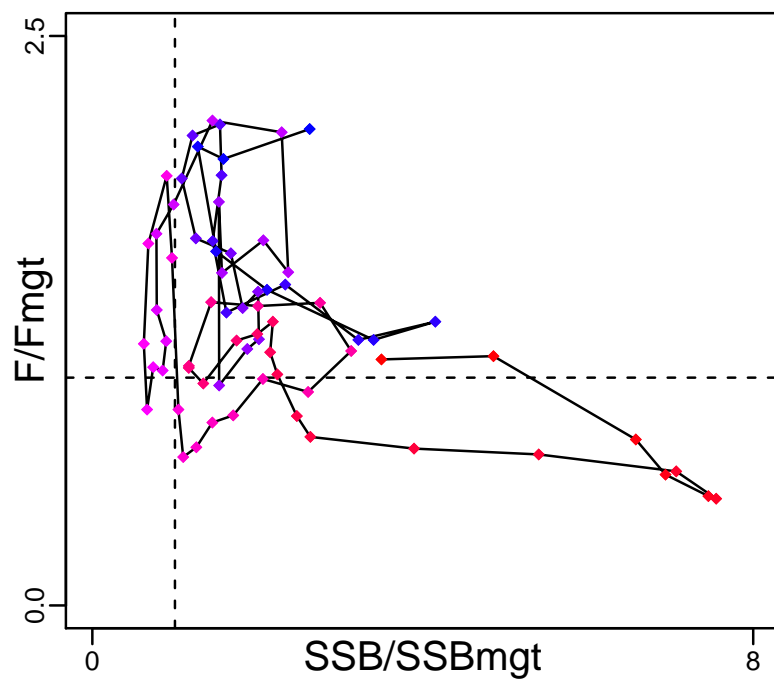
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	TB-MT	2019	524,486	-	-
SSB	SSB-MT	2019	220,245	-	-
TN	-	-	-	-	-
R	R-E00	2019	930,100,000	-	3
F	F-1/yr	2019	0.378	-	4 to 7
ER	ER-calc-ratio	2019	0.35	-	-
TC	TC-MT	2019	191,276		
TL	TL-MT	2019	191,276		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	F-1/yr/Fmsy-1/yr	2017	0.571		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2019	2.753		
F/Fmgt	F-1/yr/Fmgt-1/yr	2019	1.08		
ER/ERmgt	-	-	-		

Haddock North-East Arctic [HADNEAR]

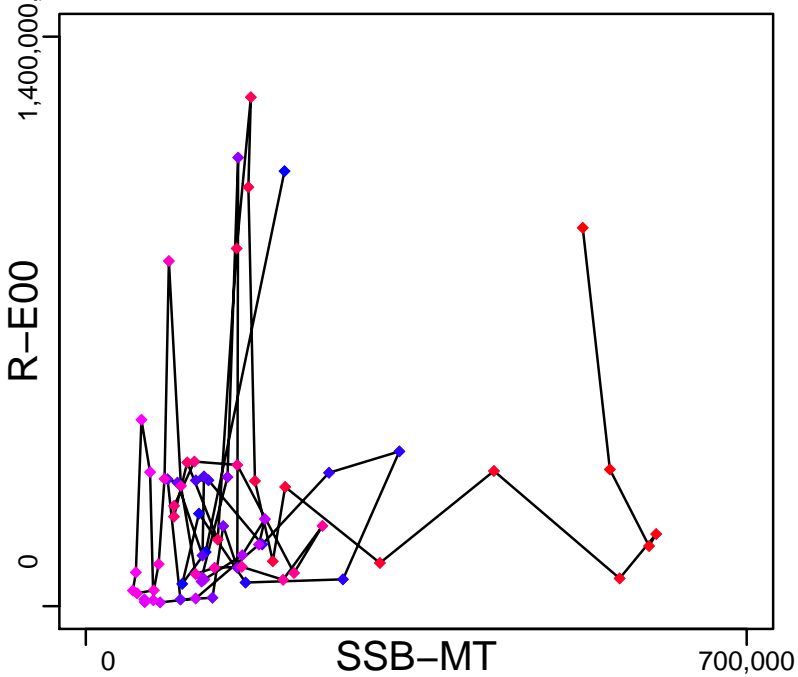
Kobe MSYpref (1947–2019–ICESIMP2021)



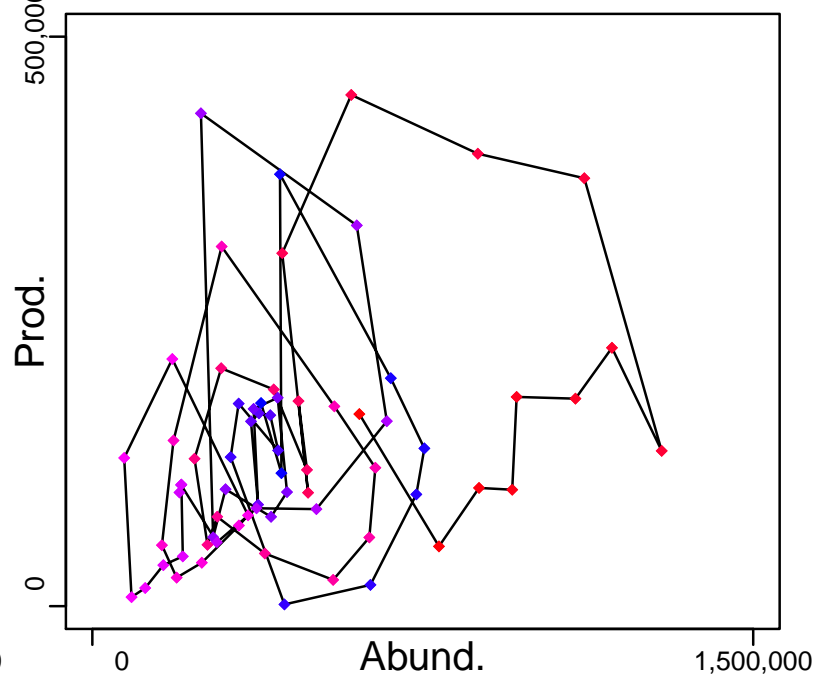
Kobe MGTpref (1947–2019–ICESIMP2021)



Spawner Recruit (1947–2019–ICESIMP2021)

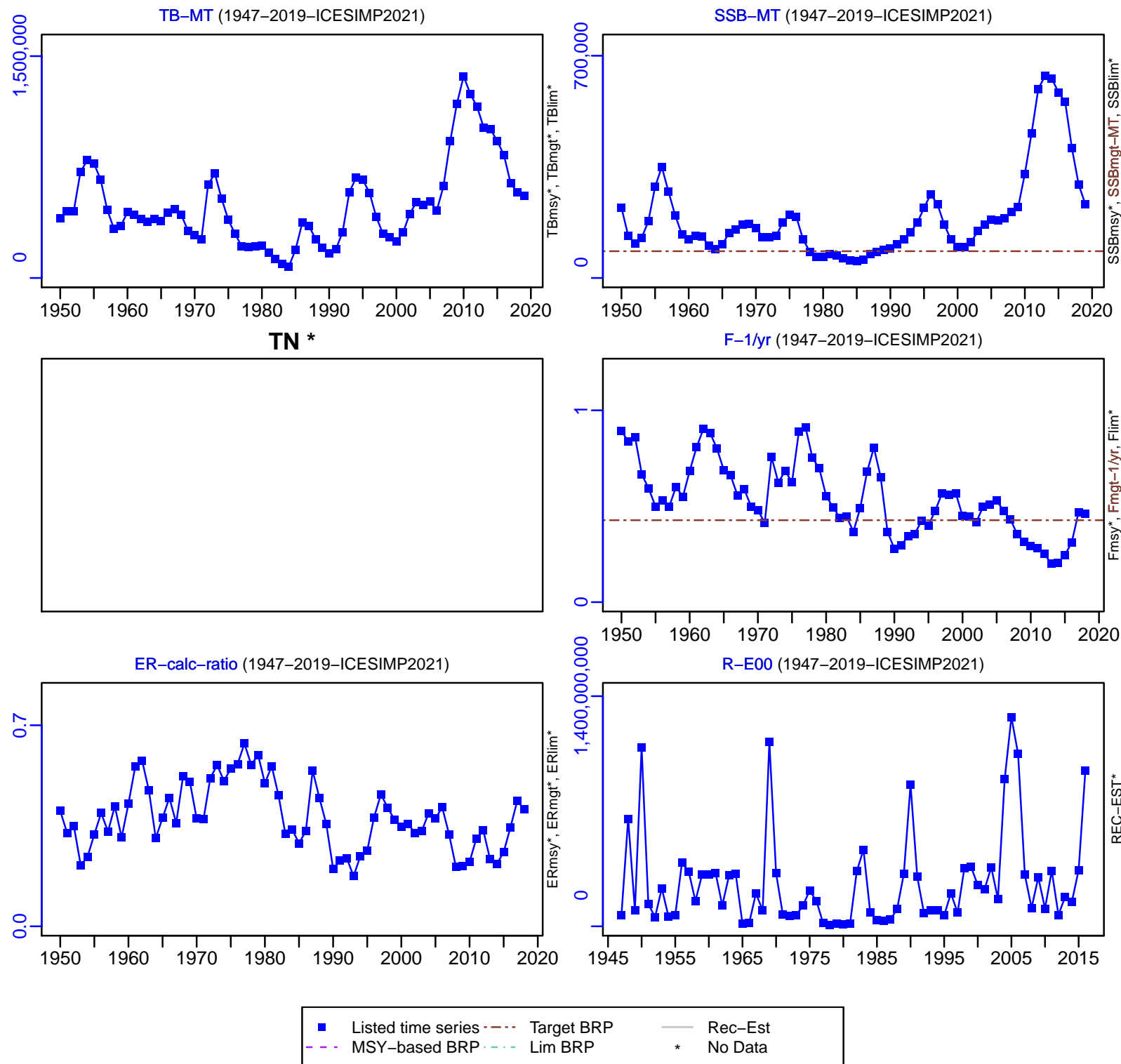


Production (1947–2019–ICESIMP2021)



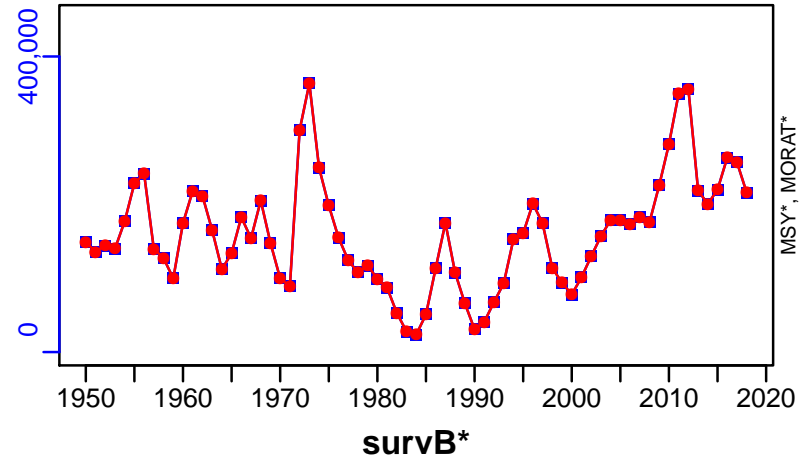
◆ Start Year ◆ End Year * No Data

Haddock North-East Arctic [HADNEAR]



Haddock North-East Arctic [HADNEAR]

TC-MT, TL-MT, RecC* (1947-2019-ICESIMP2021)



TAC*, Cpair*, Cadv*



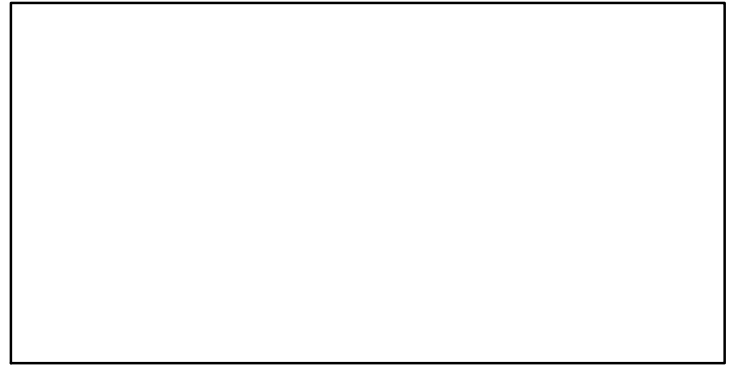
CPUE*



EFFORT*



CdivMSY*



■ 1st listed time series ▲ 3rd listed time series — MORAT
● 2nd listed time series - - - MSY * No Data

Herring Iceland (Summer spawners) [HERRIsum]

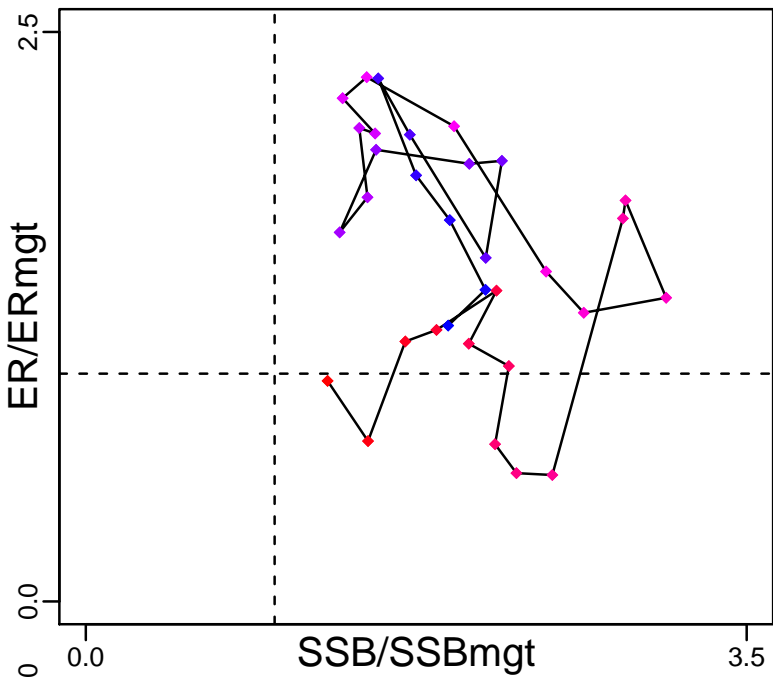
Metadata	
Scientific Name	Clupea harengus
Current Assess ID	NWWG-HERRIsum-1984-2019-ICESIMP2021
Area	Iceland (Summer spawners)
Management Authority	International Council for the Exploration of the Sea
Assessor	North-Western Working Group
Asmts in RAM	2011, 2013, 2014, 2016, 2017, 2018, 2019, 2015

Reference Points			
Type	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	-	-	-
Fmsy	Fmsy-1/yr	2016	0.22
ERmsy	-	-	-
TBmgt	-	-	-
SSBmgt	SSBmgt-MT	2019	2×10^5
Fmgt	Fmgt-1/yr	2016	0.22
ERmgt	ERmgt-ratio	2019	0.15
TB0	-	-	-
SSB0	-	-	-
MSY	-	-	-
M	M-1/yr	2011	0.1
TBlim	TBlim-MT	2011	2×10^5
SSBlim	SSBlim-MT	2018	2×10^5
Flim	Flim-1/yr	2018	0.61
ERlim	-	-	-

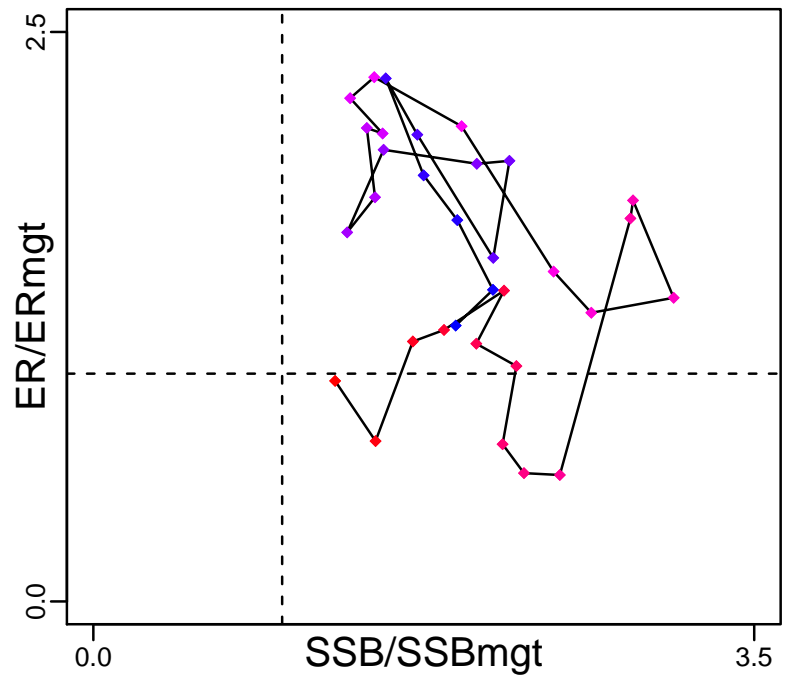
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	TB-MT	2015	438,000	Both	3+
SSB	SSB-MT	2019	212,481	-	-
TN	-	-	-	-	-
R	R-E00	2019	3.6×10^8	-	3
F	F-1/yr	2019	0.175	-	5 to 10
ER	ER-ratio	2019	0.145	-	-
TC	TC-MT	2019	40,683		
TL	TL-MT	2019	40,683		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	F-1/yr/Fmsy-1/yr	2016	0.995		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2019	1.062		
F/Fmgt	F-1/yr/Fmgt-1/yr	2016	0.995		
ER/ERmgt	-	-	-		

Herring Iceland (Summer spawners) [HERRIsum]

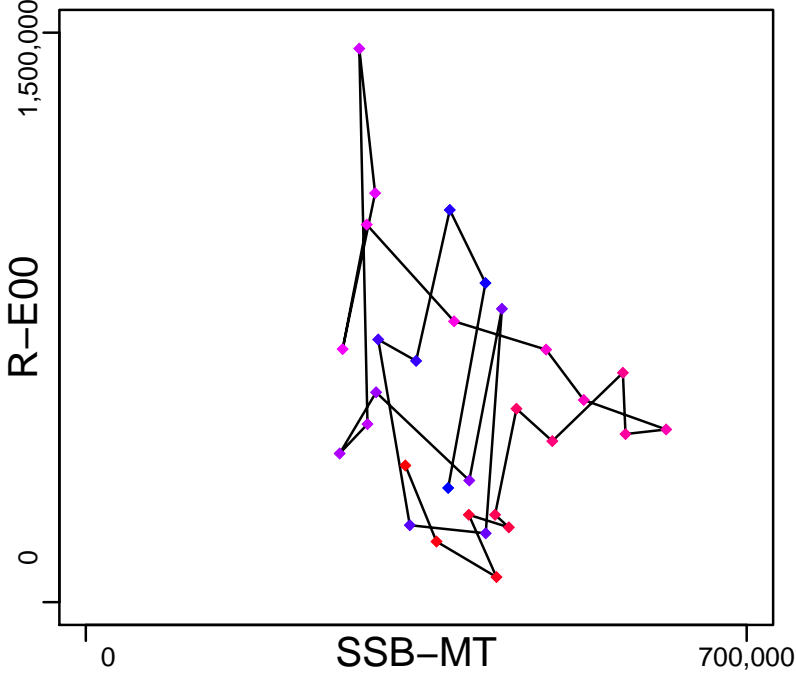
Kobe MSYpref (1984–2019–ICESIMP2021)



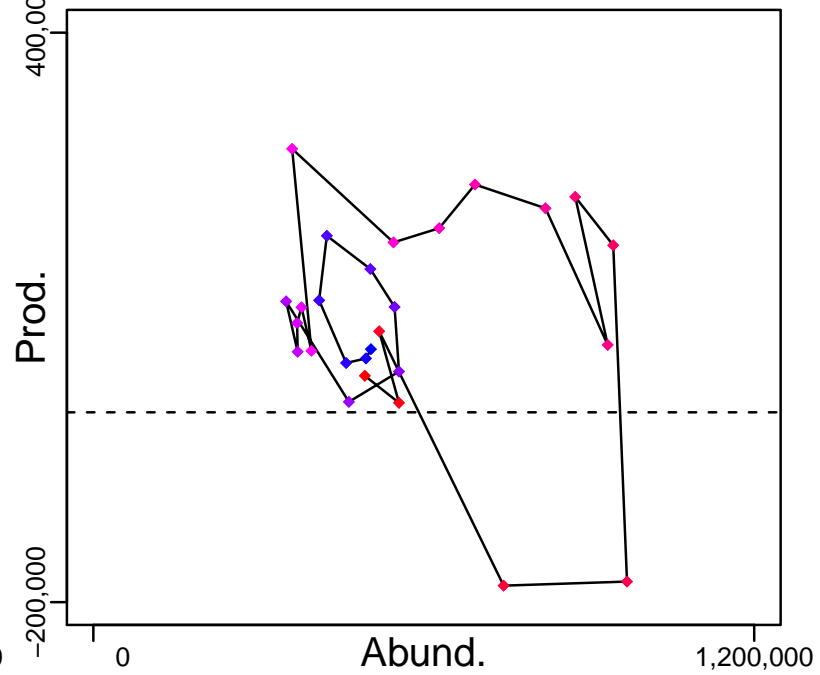
Kobe MGTpref (1984–2019–ICESIMP2021)



Spawner Recruit (1984–2019–ICESIMP2021)



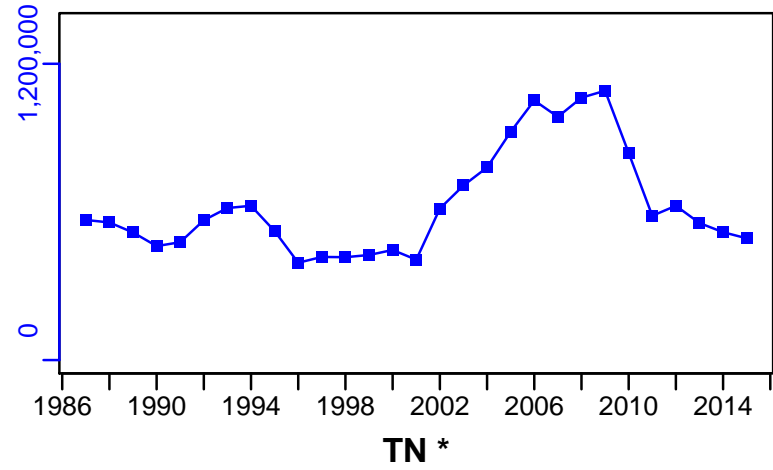
Production (1987–2015–ICESIMP2016)



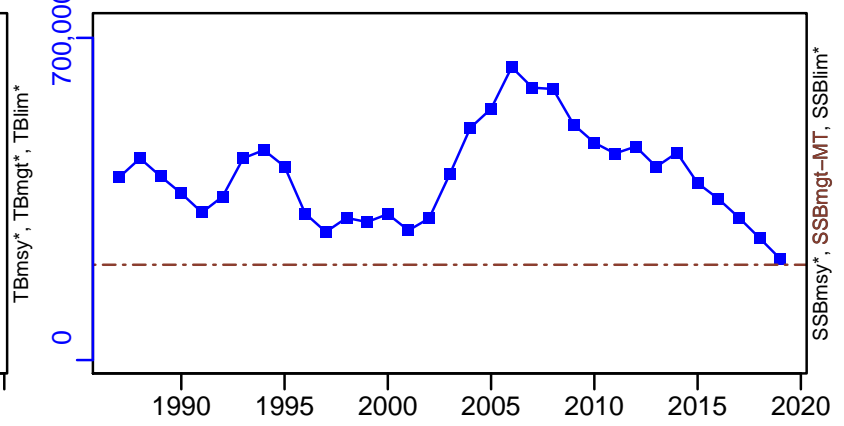
◆ Start Year ◆ End Year * No Data

Herring Iceland (Summer spawners) [HERRIsum]

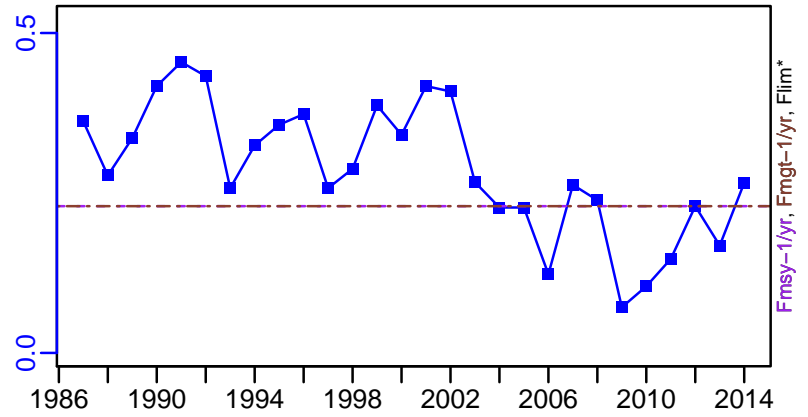
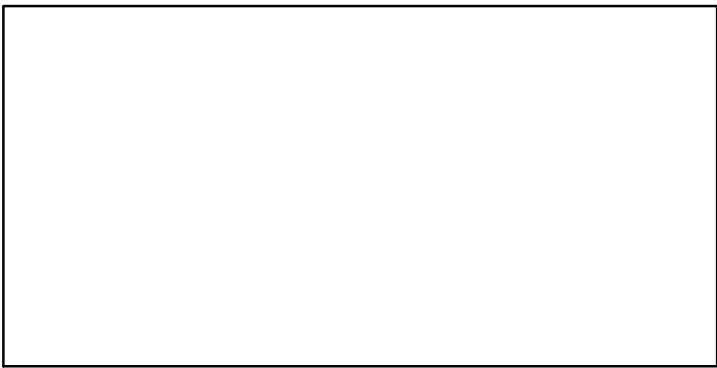
TB-MT (1987–2015–ICESIMP2016)



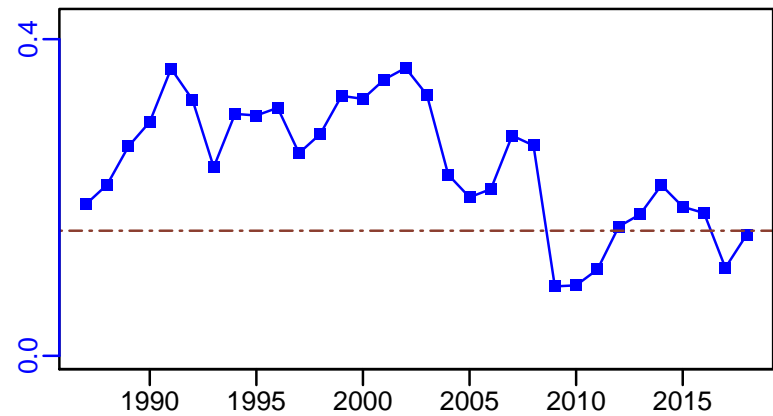
SSB-MT (1984–2019–ICESIMP2021)



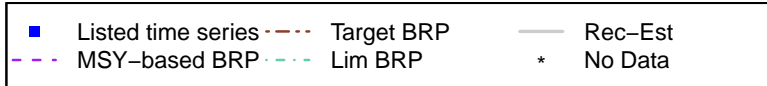
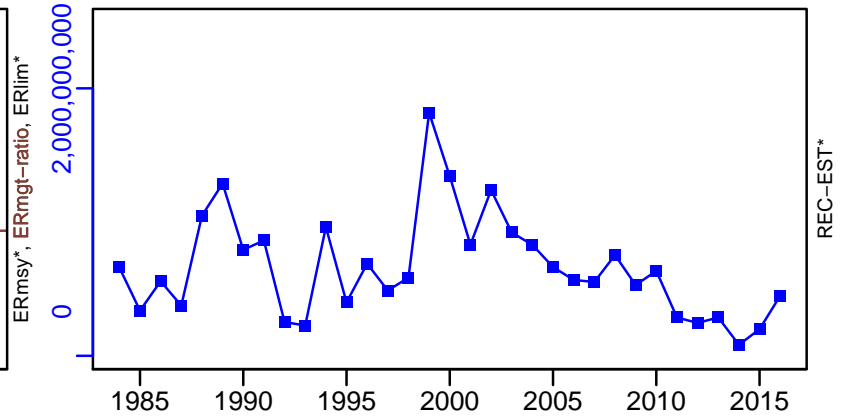
F-1/yr (1987–2015–ICESIMP2016)



ER-ratio (1984–2019–ICESIMP2021)

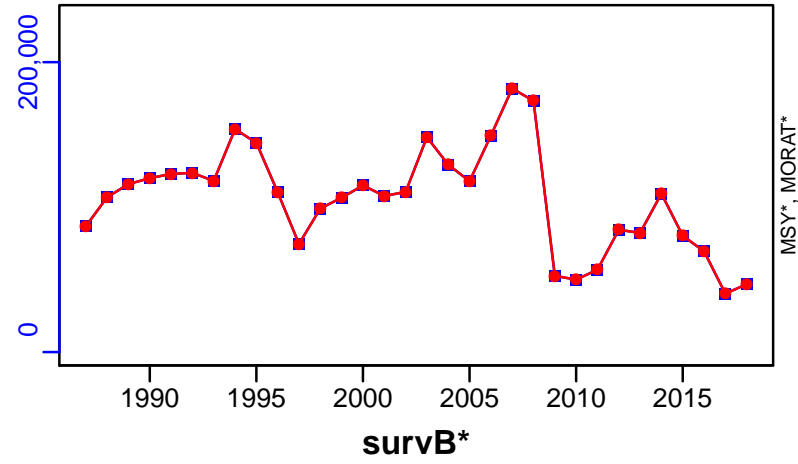


R-E00 (1984–2019–ICESIMP2021)



Herring Iceland (Summer spawners) [HERRIsum]

TC-MT, TL-MT, RecC* (1984-2019-ICESIMP2021)



TAC*, Cpair*, Cadv*



CPUE*



EFFORT*



CdivMSY*



■ 1st listed time series ▲ 3rd listed time series — MORAT
● 2nd listed time series - - - MSY * No Data

Herring ICES 1-2-4a-5-14a (Norwegian Spring Spawners) [HERRNORSS]

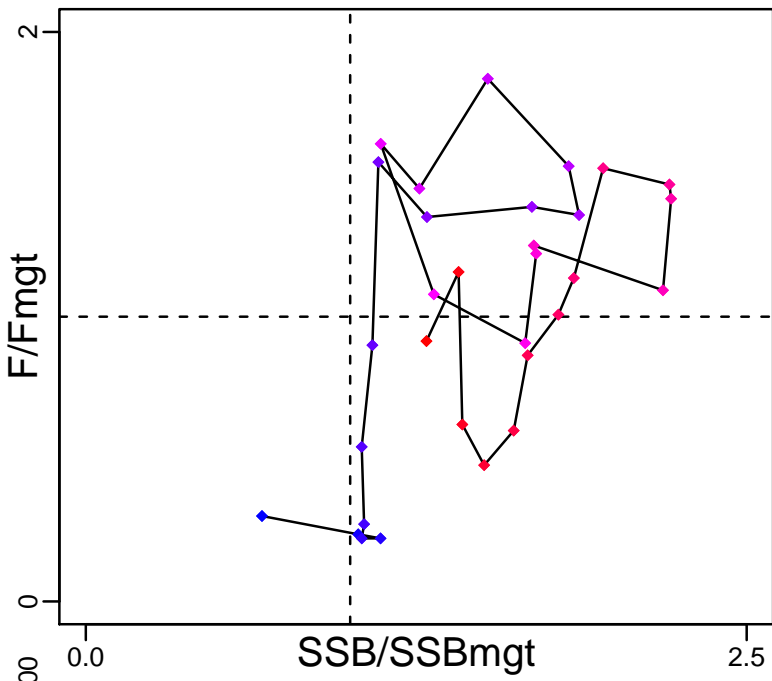
Metadata	
Scientific Name	Clupea harengus
Current Assess ID	WGWIDE-HERRNORSS-1986-2019-ICESIMP2021
Area	ICES 1-2-4a-5-14a (Norwegian Spring Spawners)
Management Authority	International Council for the Exploration of the Sea
Assessor	Working Group on Widely Distributed Stocks
Asmts in RAM	2014, 2016, 2017, 2019, 2013, 2015

Reference Points			
Type	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	-	-	-
Fmsy	Fmsy-1/yr	2017	0.15
ERmsy	-	-	-
TBmgt	-	-	-
SSBmgt	SSBmgt-MT	2019	3,184,000
Fmgt	Fmgt-1/yr	2019	0.14
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	-	-	-
M	-	-	-
TBlim	-	-	-
SSBlim	SSBlim-MT	2017	2,500,000
Flim	-	-	-
ERlim	-	-	-

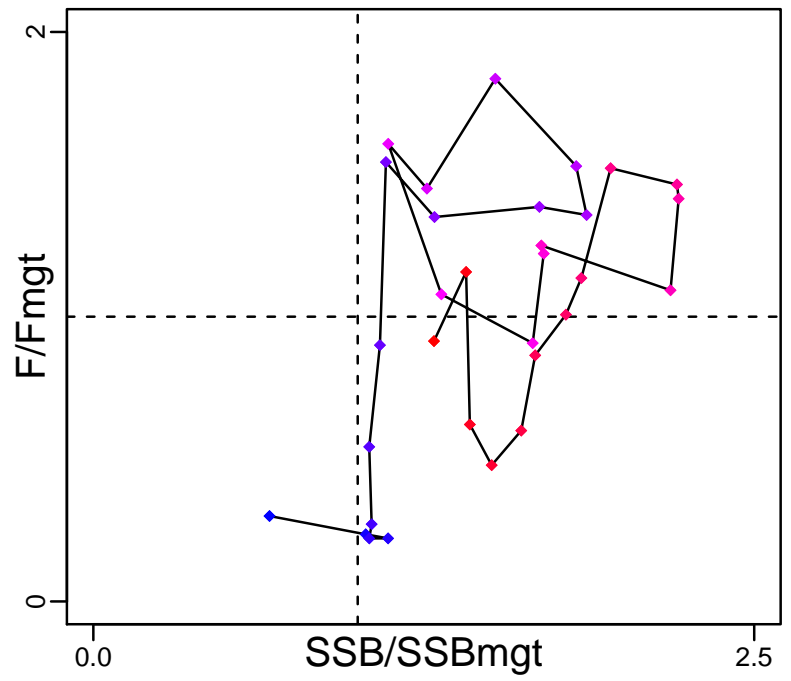
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	TB-MT	2019	5,317,000	-	-
SSB	SSB-MT	2019	3,965,000	-	-
TN	-	-	-	-	-
R	R-E00	2019	8.11×10^9	-	2
F	F-1/yr	2019	0.128	-	5 to 12+
ER	ER-calc-ratio	2019	0.105	-	-
TC	TC-MT	2019	592,899		
TL	TL-MT	2019	592,899		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	F-1/yr/Fmsy-1/yr	2017	0.56		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2019	1.245		
F/Fmgt	F-1/yr/Fmgt-1/yr	2019	0.914		
ER/ERmgt	-	-	-		

Herring ICES 1-2-4a-5-14a (Norwegian Spring Spawners) [HERRNORSS]

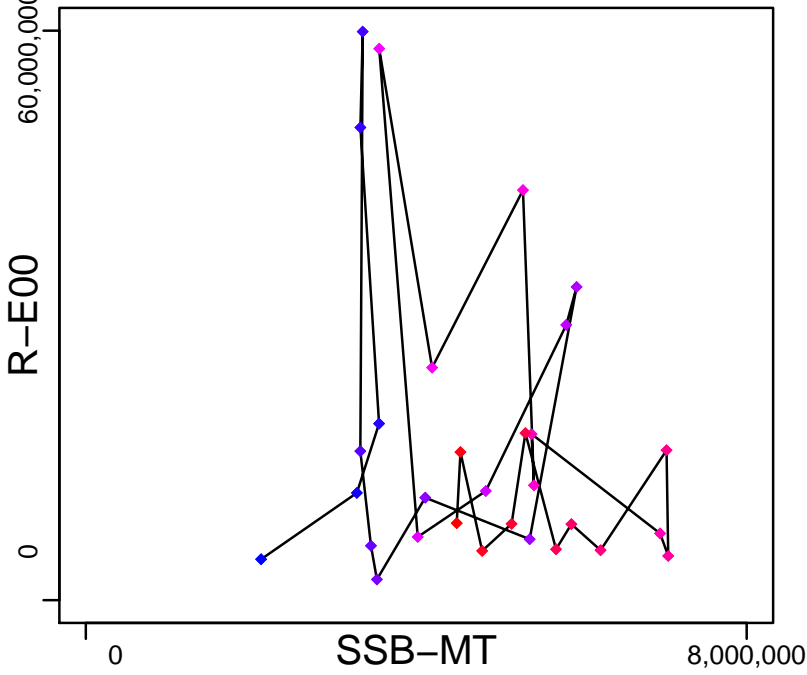
Kobe MSYpref (1986-2019-ICESIMP2021)



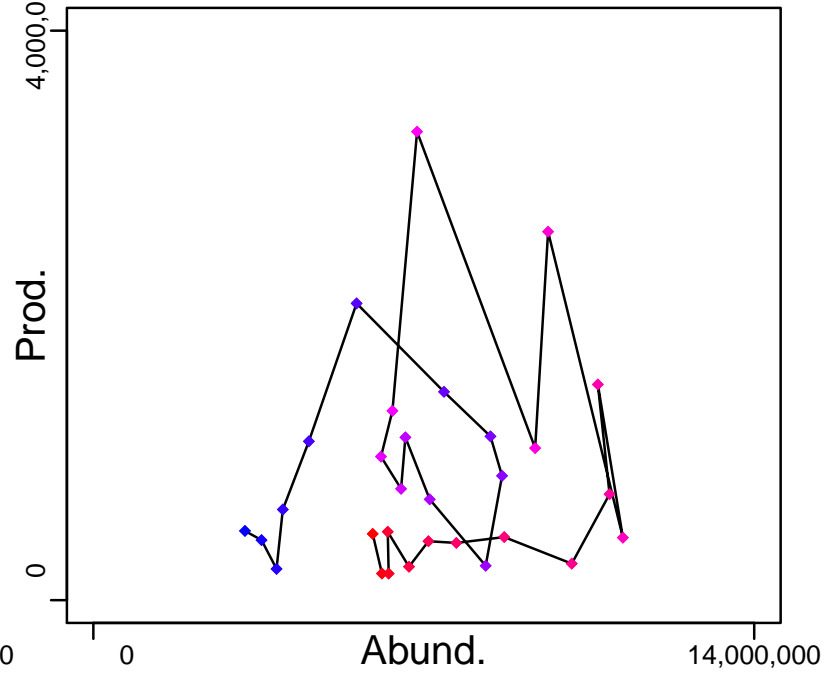
Kobe MGTpref (1986-2019-ICESIMP2021)



Spawner Recruit (1986-2019-ICESIMP2021)



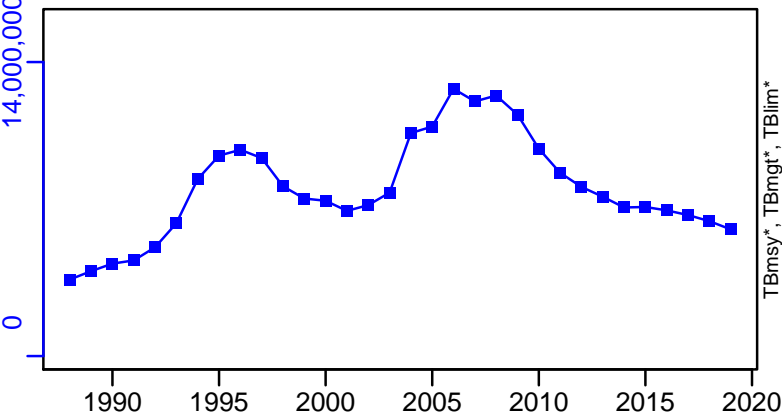
Production (1986-2019-ICESIMP2021)



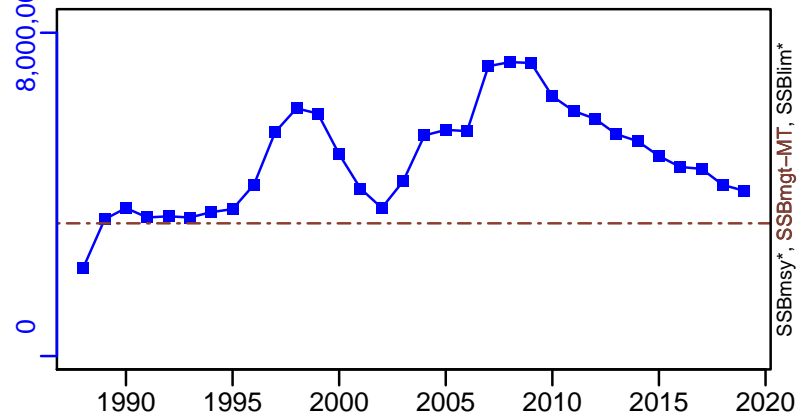
◆ Start Year ◆ End Year * No Data

Herring ICES 1-2-4a-5-14a (Norwegian Spring Spawners) [HERRNORSS]

TB-MT (1986-2019-ICESIMP2021)

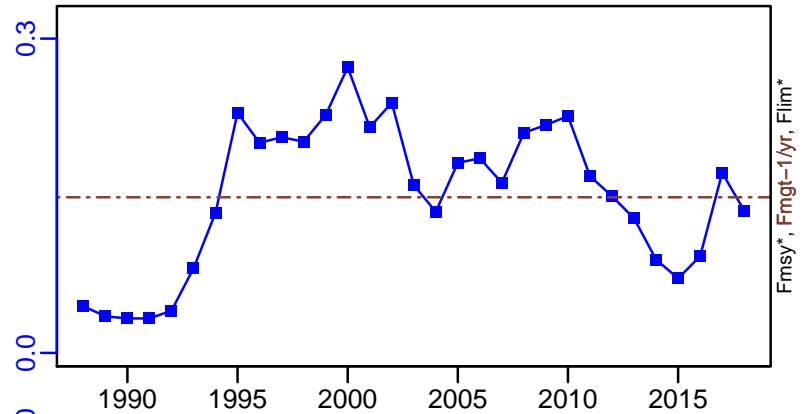
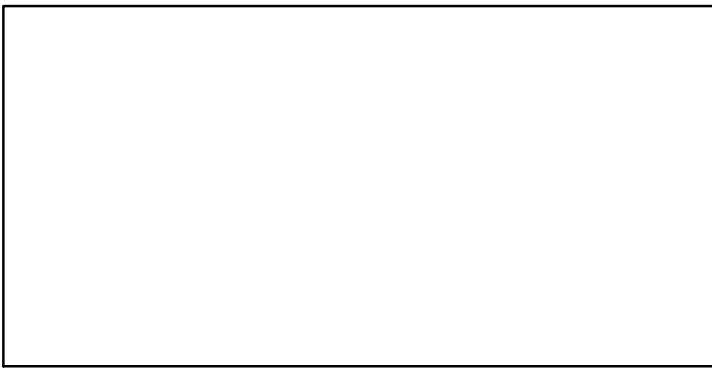


SSB-MT (1986-2019-ICESIMP2021)

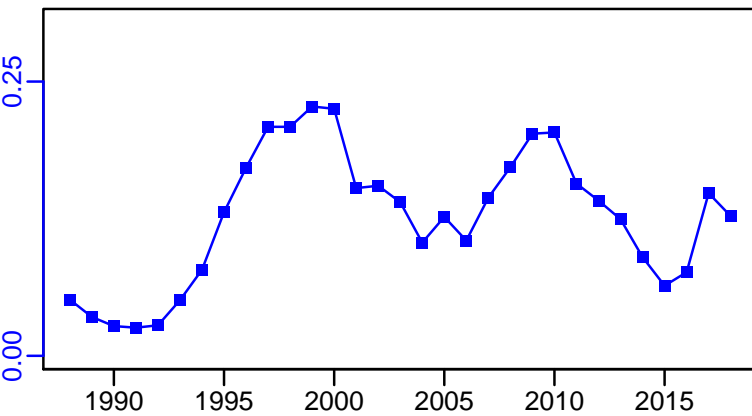


TN *

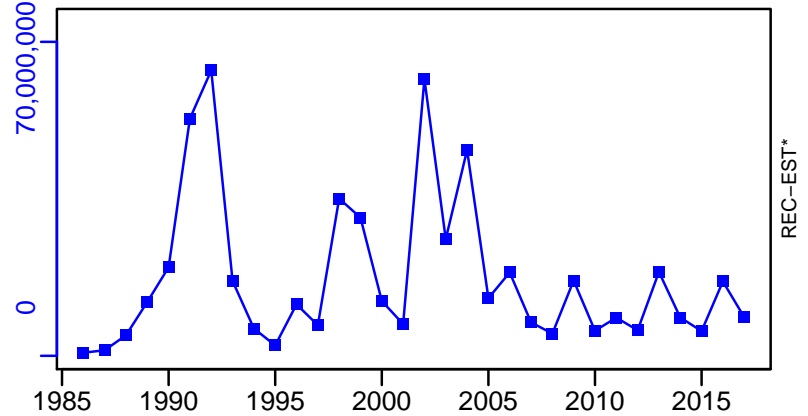
F-1/yr (1986-2019-ICESIMP2021)



ER-calc-ratio (1986-2019-ICESIMP2021)

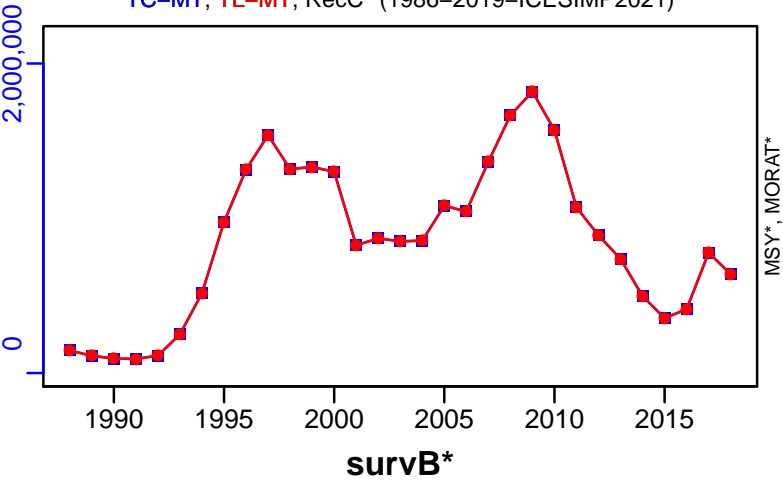


R-E00 (1986-2019-ICESIMP2021)



Herring ICES 1–2–4a–5–14a (Norwegian Spring Spawners) [HERRNORSS]

TC–MT, TL–MT, RecC* (1986–2019–ICESIMP2021)



TAC*, Cpair*, Cadv*



CPUE*



EFFORT*



CdivMSY*



Ling North-East Arctic [LINGI-II]

Metadata	
Scientific Name	Molva molva
Current Assess ID	WGDEEP-LINGI-II-1988-2018-ICESIMP2021
Area	North-East Arctic
Management Authority	International Council for the Exploration of the Sea
Assessor	Working Group on the Biology and Assessment of Deep-Sea Fisheries Resources
Asmts in RAM	2014, 2016, 2018

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

Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	-	-	-	-	-
SSB	SSB-index	2014	99	Both	-
TN	-	-	-	-	-
R	-	-	-	-	-
F	-	-	-	-	-
ER	-	-	-	-	-
TC	TC-MT	2018	11,613		
TL	TL-MT	2018	11,613		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

Kobe MSY*



Kobe MGT*



Spawner Recruit*



Production*



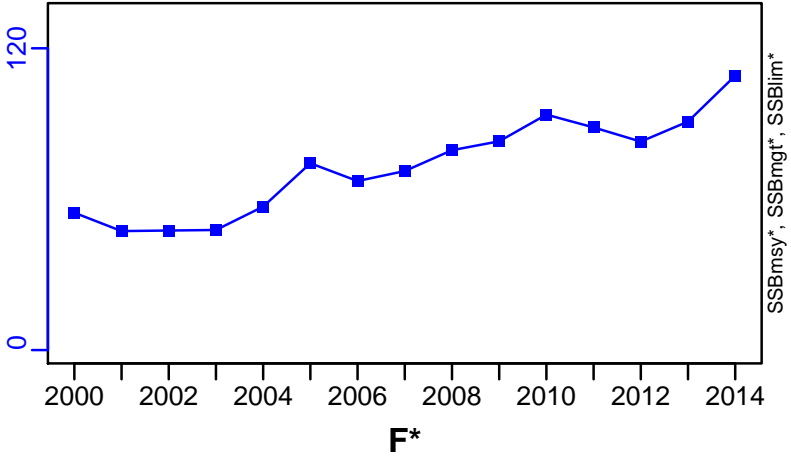
◆ Start Year ◆ End Year * No Data

Ling North-East Arctic [LINGI-II]

TB*



SSB-index (1988–2014–ICESIMP2018)



TN *



F*



ER*

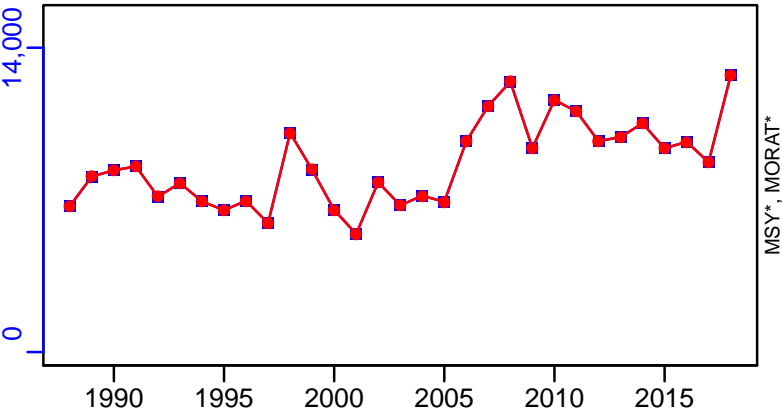


Recruits*



Ling North-East Arctic [LINGI-II]

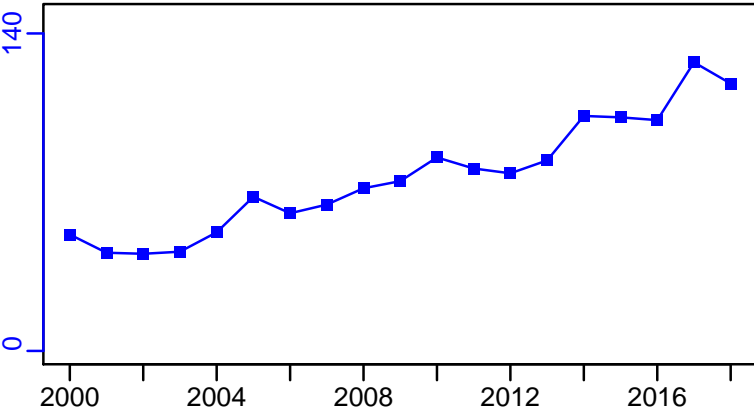
TC-MT, TL-MT, RecC* (1988-2018-ICESIMP2021)



TAC*, Cpair*, Cadv*



survB-MT (1988-2018-ICESIMP2021)



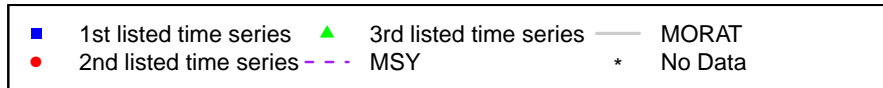
CPUE*



EFFORT*



CdivMSY*



Ling Iceland Grounds [LINGVa]

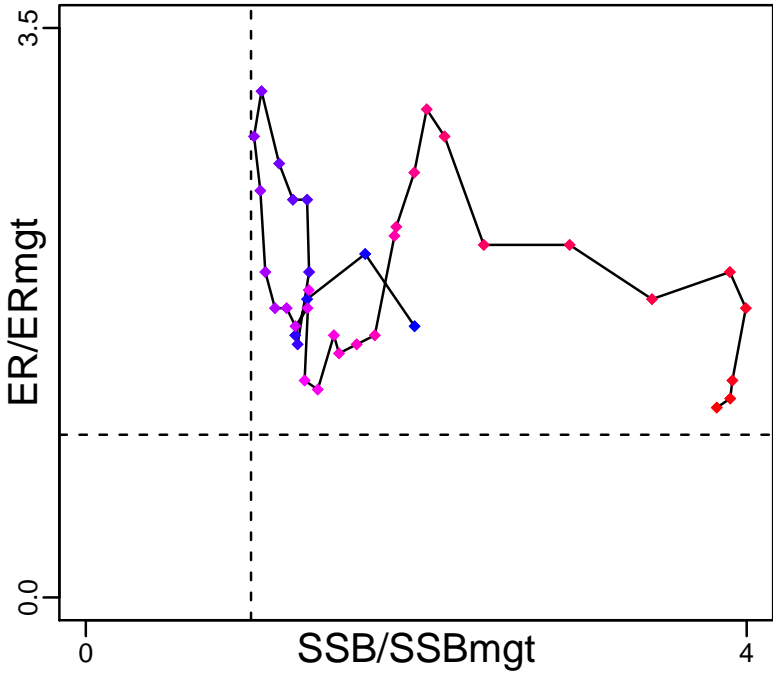
Metadata	
Scientific Name	Molva molva
Current Assess ID	WGDEEP-LINGVa-1979-2019-ICESIMP2021
Area	Iceland Grounds
Management Authority	International Council for the Exploration of the Sea
Assessor	Working Group on the Biology and Assessment of Deep-Sea Fisheries Resources
Asmts in RAM	2014, 2017, 2018, 2019, 2015, 2016

Reference Points			
Type	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	-	-	-
Fmsy	Fmsy-1/yr	2016	0.24
ERmsy	-	-	-
TBmgt	-	-	-
SSBmgt	SSBmgt-MT	2019	9930
Fmgt	Fmgt-1/yr	2016	0.24
ERmgt	ERmgt-ratio	2019	0.18
TB0	-	-	-
SSB0	-	-	-
MSY	-	-	-
M	-	-	-
TBlim	-	-	-
SSBlim	SSBlim-MT	2018	7090
Flim	-	-	-
ERlim	-	-	-

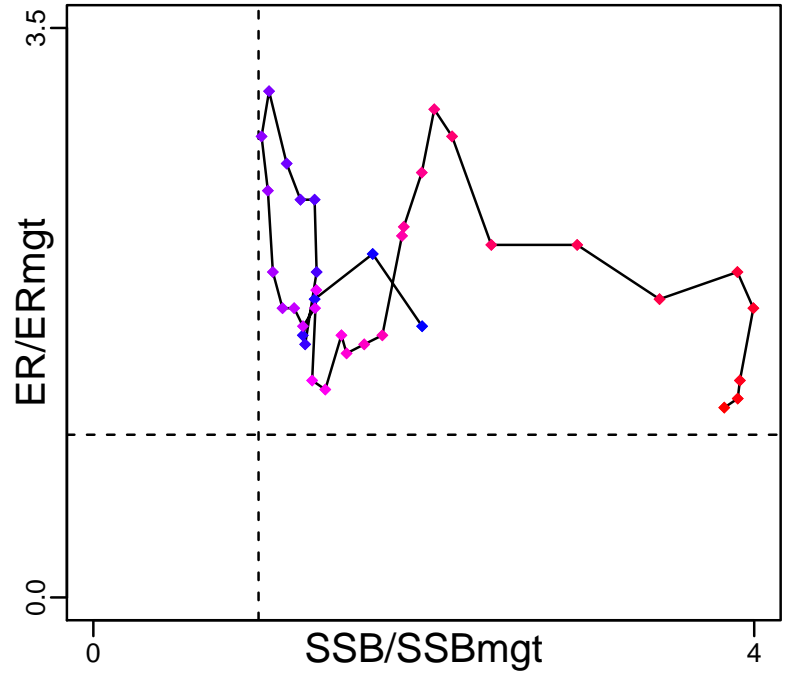
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	TB-MT	2016	56,100	Both	-
SSB	SSB-MT	2019	36,450	-	-
TN	-	-	-	-	-
R	R-E00	2019	3,180,000	-	3
F	F-1/yr	2016	0.28	-	-
ER	ER-ratio	2019	0.21	-	-
TC	TC-MT	2019	8060		
TL	TL-MT	2014	11,700		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	F-1/yr/Fmsy-1/yr	2016	1.167		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2019	3.671		
F/Fmgt	F-1/yr/Fmgt-1/yr	2016	1.167		
ER/ERmgt	-	-	-		

Ling Iceland Grounds [LINGVa]

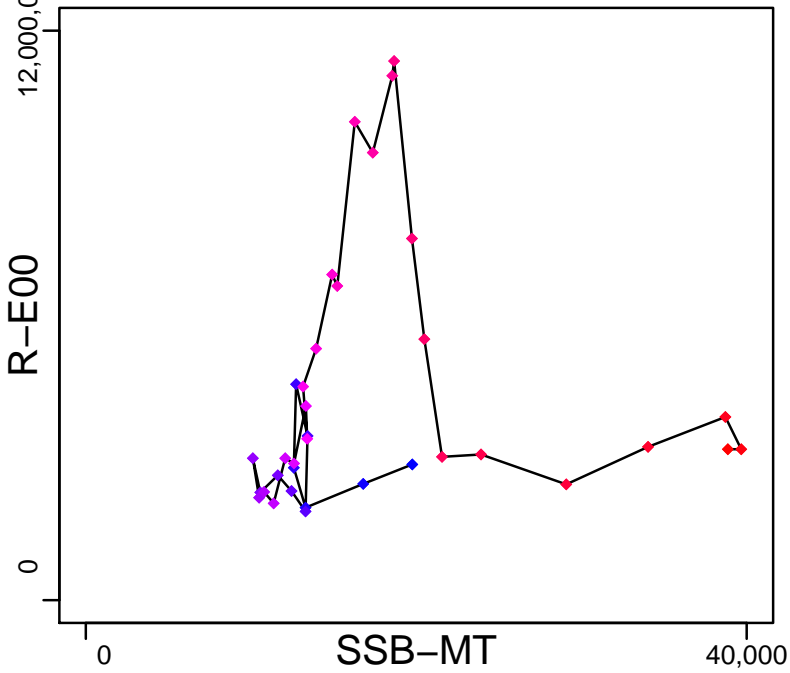
Kobe MSYpref (1979–2019–ICESIMP2021)



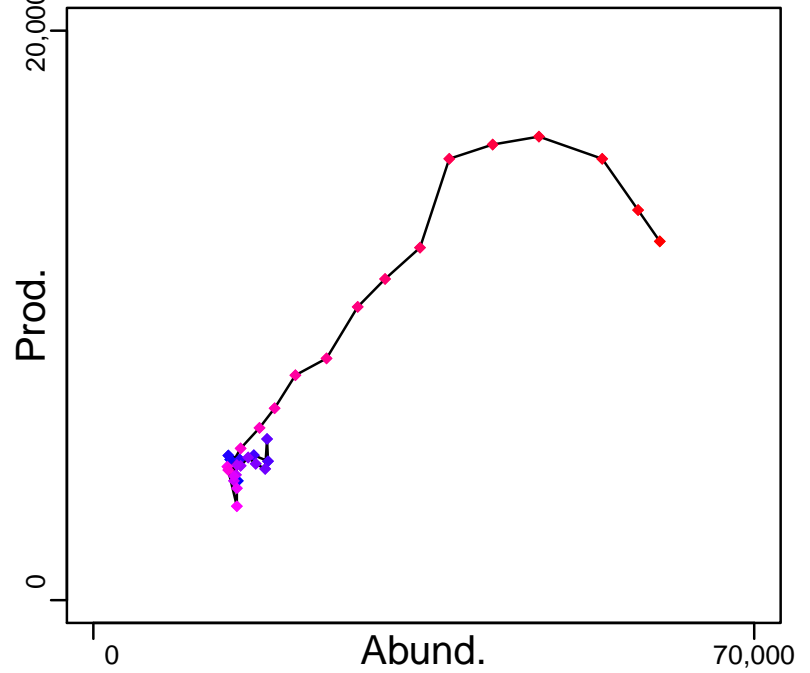
Kobe MGTpref (1979–2019–ICESIMP2021)



Spawner Recruit (1979–2019–ICESIMP2021)



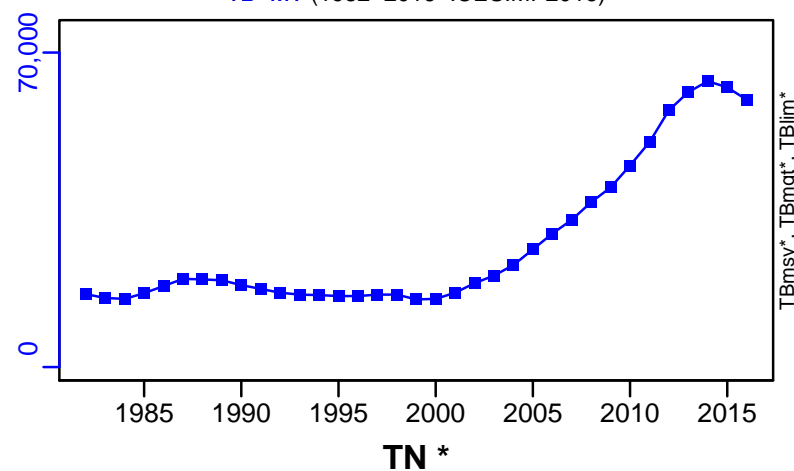
Production (1982–2016–ICESIMP2016)



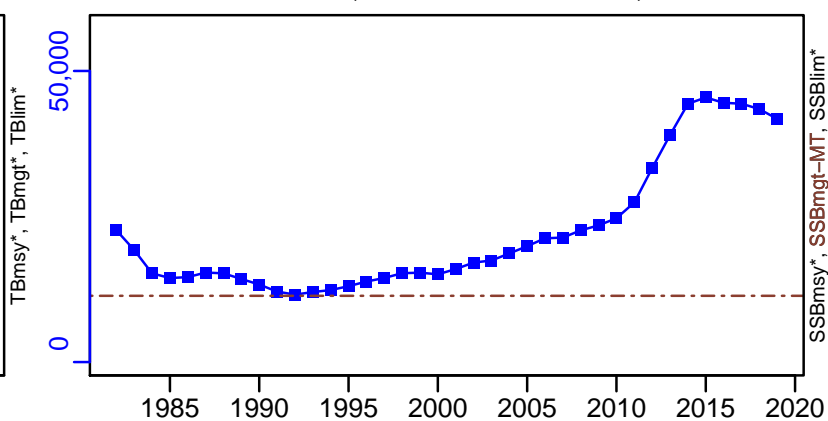
◆ Start Year ◆ End Year * No Data

Ling Iceland Grounds [LINGVa]

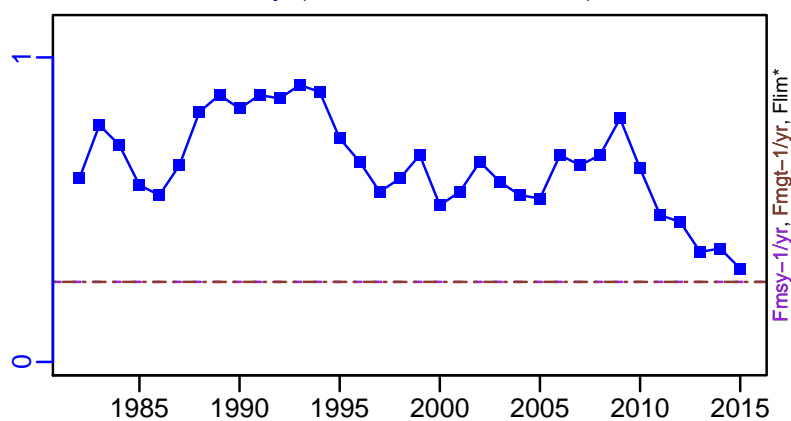
TB-MT (1982–2016–ICESIMP2016)



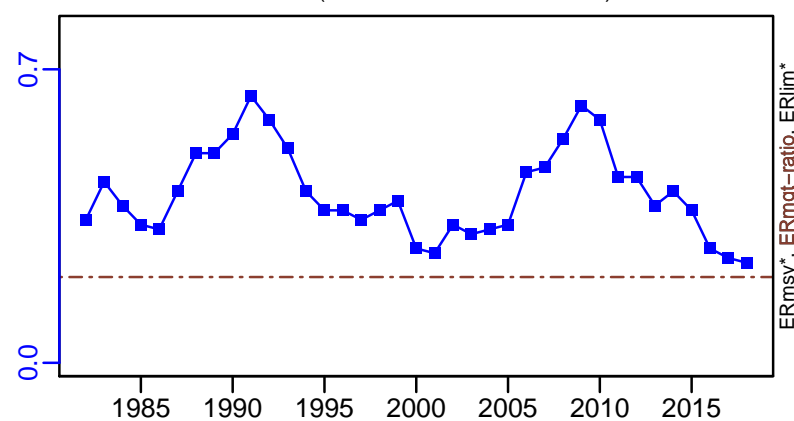
SSB-MT (1979–2019–ICESIMP2021)



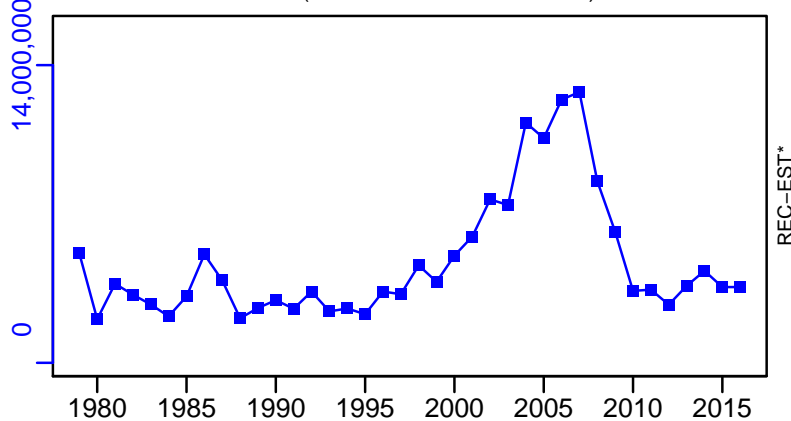
F-1/yr (1982–2016–ICESIMP2016)



ER-ratio (1979–2019–ICESIMP2021)

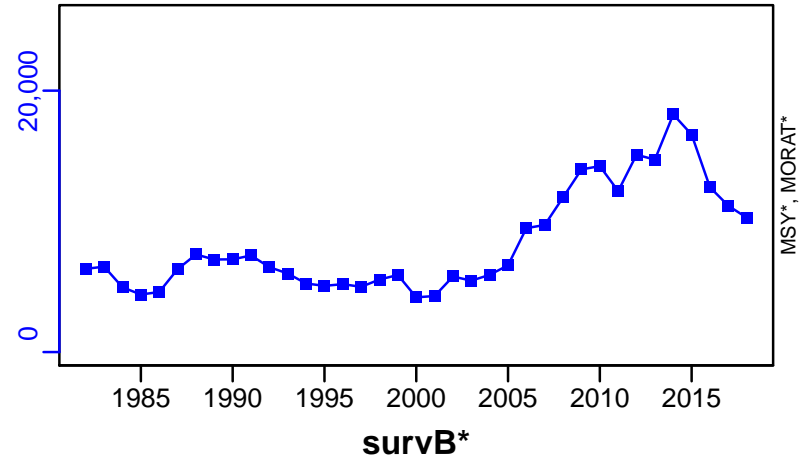


R-E00 (1979–2019–ICESIMP2021)



Ling Iceland Grounds [LINGVa]

TC-MT, TL*, RecC* (1979-2019-ICESIMP2021)



TAC*, Cpair*, Cadv*



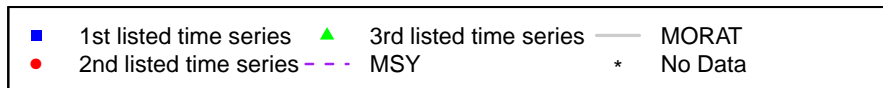
CPUE*



EFFORT*



CdivMSY*



Ling Faroe Grounds [LINGVb]

Metadata	
Scientific Name	Molva molva
Current Assess ID	WGDEEP-LINGVb-1988-2018-ICESIMP2021
Area	Faroe Grounds
Management Authority	International Council for the Exploration of the Sea
Assessor	Working Group on the Biology and Assessment of Deep-Sea Fisheries Resources
Asmts in RAM	2014, 2016, 2018

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

Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	-	-	-	-	-
SSB	SSB-index	2014	33	Both	-
TN	-	-	-	-	-
R	-	-	-	-	-
F	-	-	-	-	-
ER	-	-	-	-	-
TC	-	-	-		
TL	TL-MT	2018	5185		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

Kobe MSY*



Kobe MGT*



Spawner Recruit*



Production*



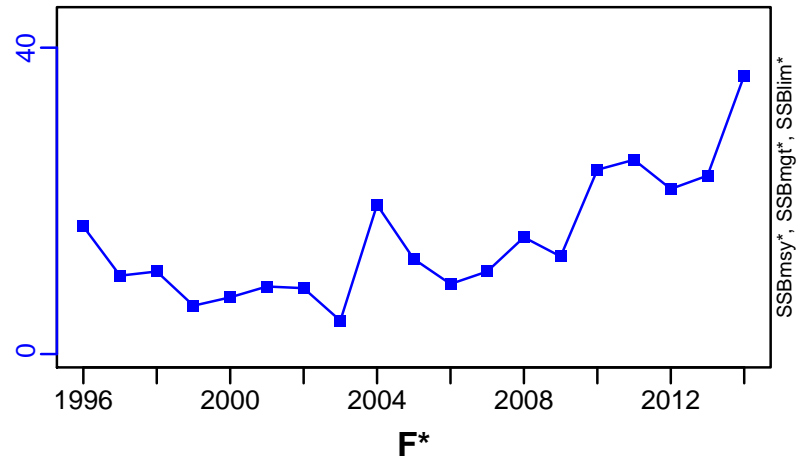
◆ Start Year ◆ End Year * No Data

Ling Faroe Grounds [LINGVb]

TB*



SSB-index (1965–2014–ICESIMP2018)



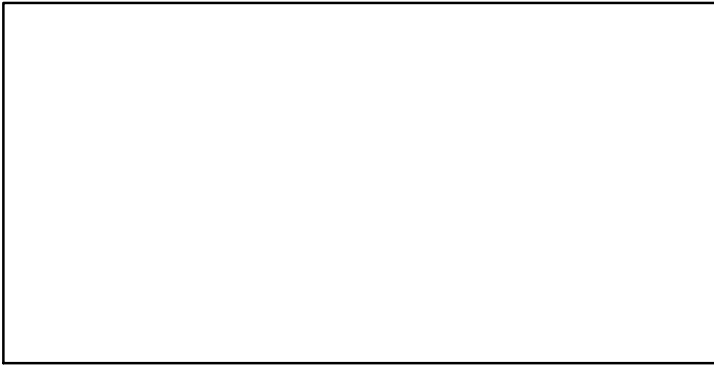
TN *



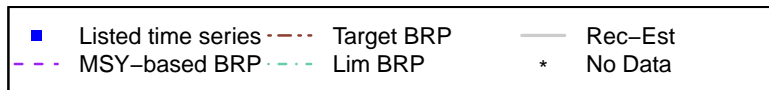
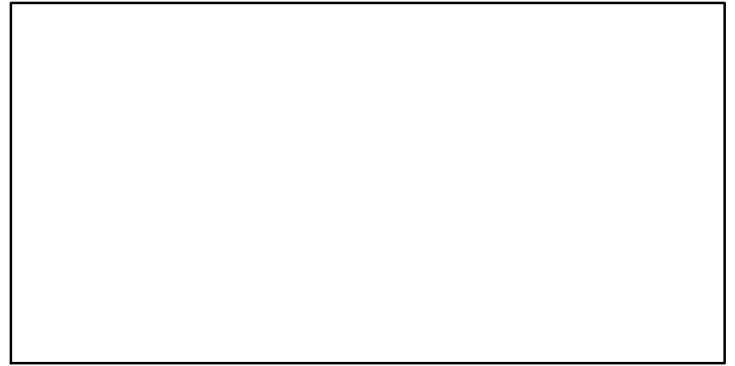
F*



ER*

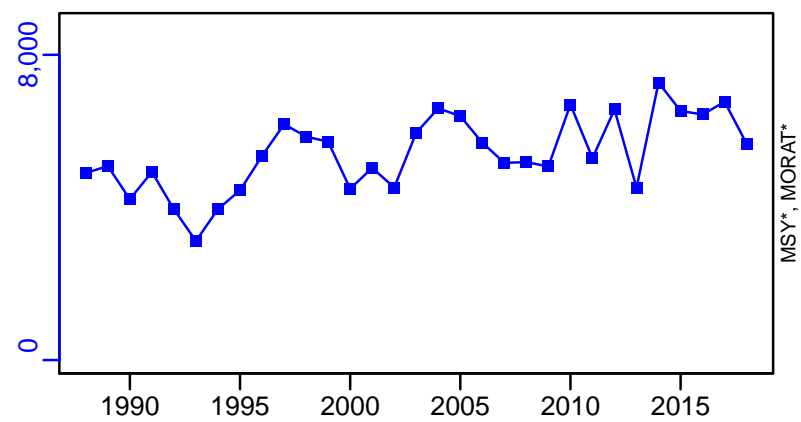


Recruits*

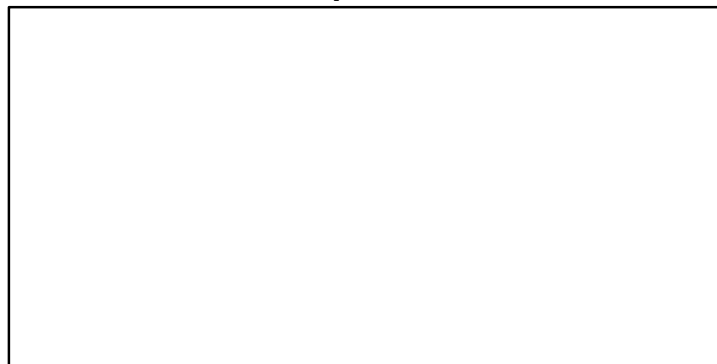


Ling Faroe Grounds [LINGVb]

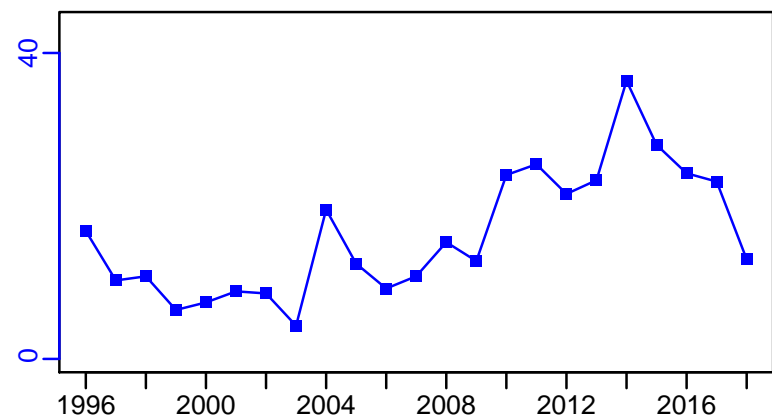
TL-MT, TC*, RecC* (1988–2018–ICESIMP2021)



TAC*, Cpair*, Cadv*



survB-index (1988–2018–ICESIMP2021)



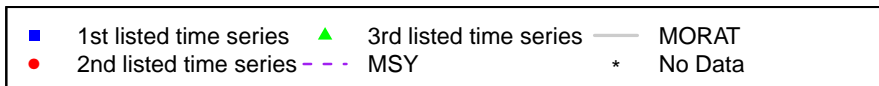
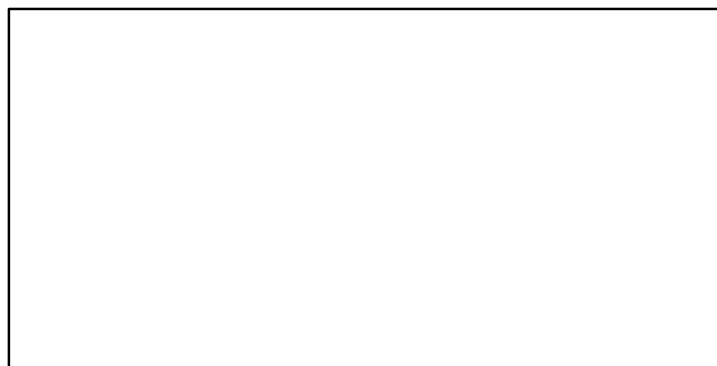
CPUE*



EFFORT*



CdivMSY*



Northern shrimp North-East Arctic [PANDALI-II]

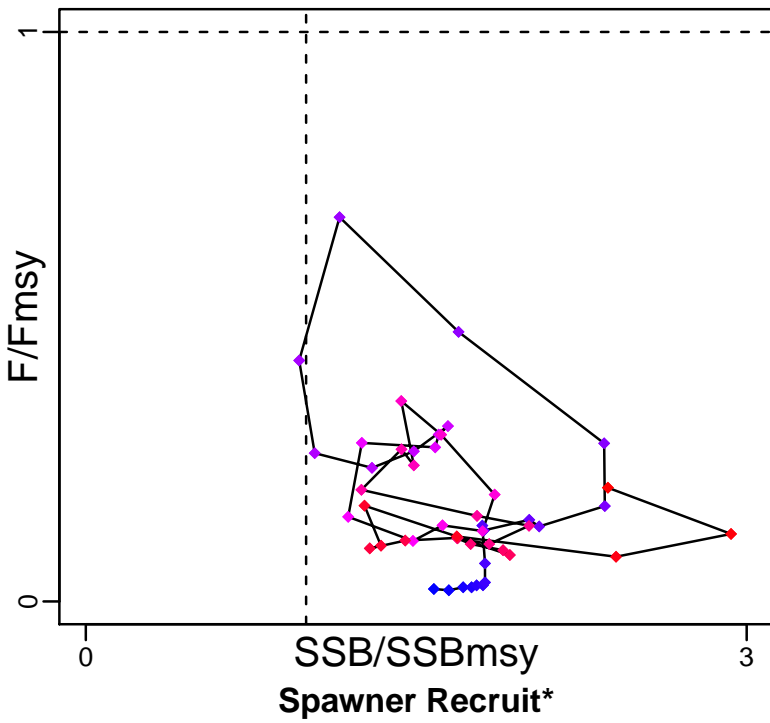
Metadata	
Scientific Name	Pandalus borealis
Current Assess ID	NIPAG-PANDALI-II-1970-2019-ICESIMP2021
Area	North-East Arctic
Management Authority	International Council for the Exploration of the Sea
Assessor	Joint NAFO and ICES Pandalus Assessment Working Group
Asmts in RAM	2014, 2015, 2016, 2017, 2019

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

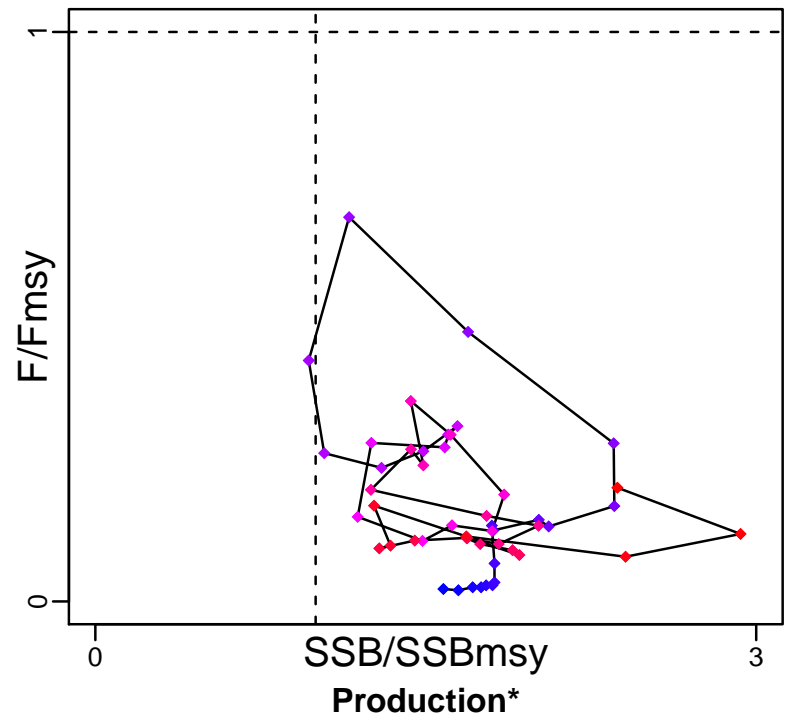
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	-	-	-	-	-
SSB	-	-	-	-	-
TN	-	-	-	-	-
R	R-E00	2015	0	-	0
F	-	-	-	-	-
ER	-	-	-	-	-
TC	TC-MT	2017	28,000		
TL	TL-MT	2019	78,000		
TB/TBmsy	-	-	-		
SSB/SSBmsy	SSBdivSSBmsy-dimensionless	2019	2.37		
F/Fmsy	FdivFmsy-dimensionless	2019	0.2		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

Northern shrimp North-East Arctic [PANDALI-II]

Kobe MSYpref (1970–2019–ICESIMP2021)



Kobe MGTpref (1970–2019–ICESIMP2021)



◆ Start Year ◆ End Year * No Data

Northern shrimp North-East Arctic [PANDALI-II]

TB*



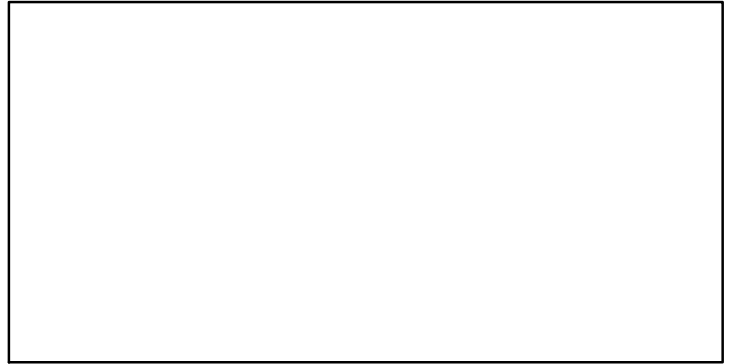
SSB*



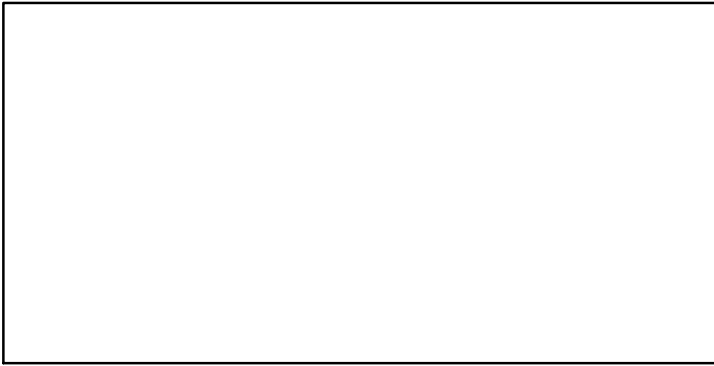
TN *



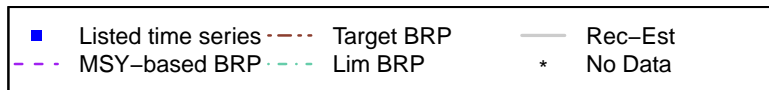
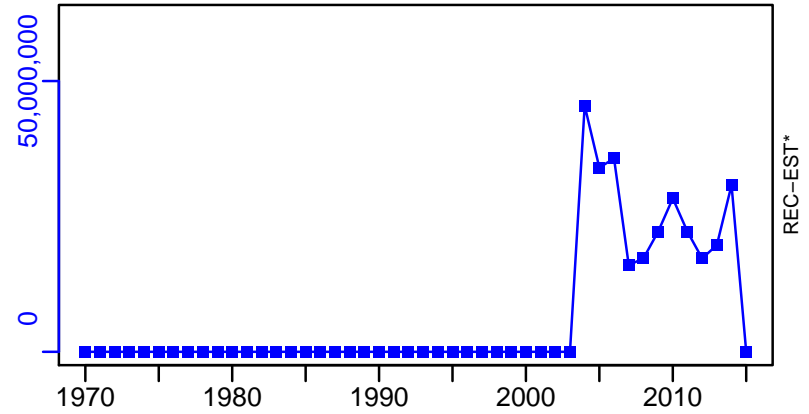
F*



ER*



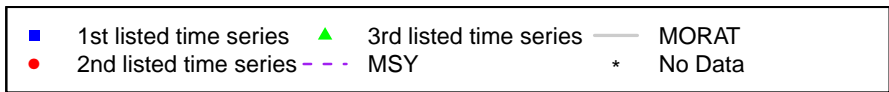
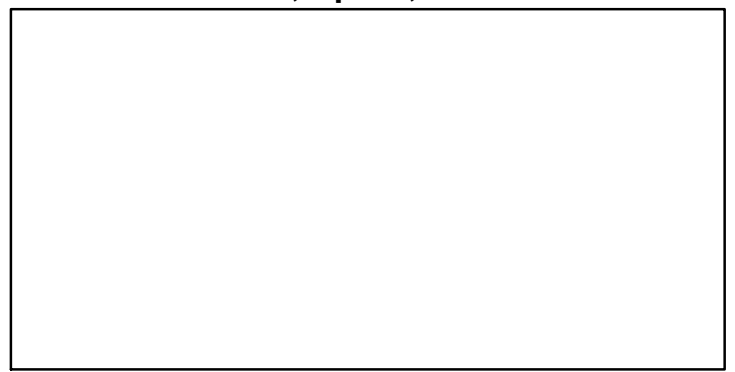
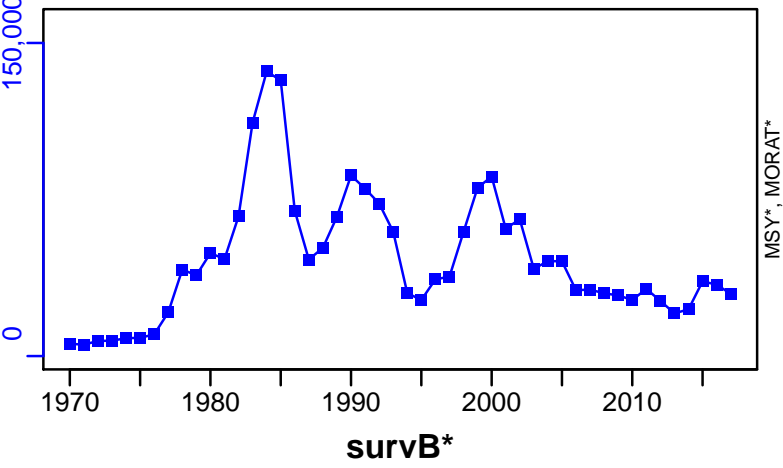
R-E00 (1970–2015–ICESIMP2018)



Northern shrimp North-East Arctic [PANDALI-II]

TC-MT, TL*, RecC* (1970–2017–ICESIMP2018)

TAC*, Cpair*, Cadv*



Pollock Faroe Plateau [POLLFAPL]

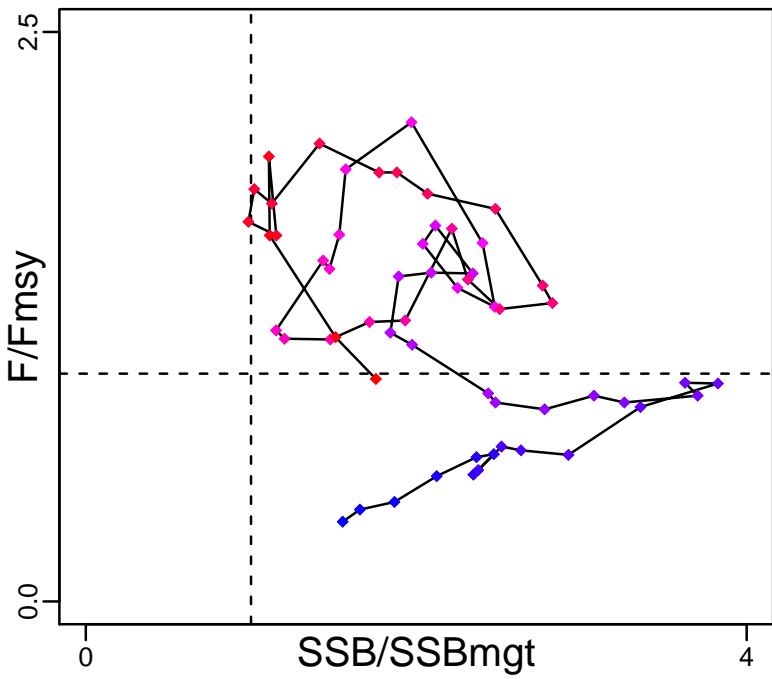
Metadata	
Scientific Name	Pollachius virens
Current Assess ID	NWWG-POLLFAPL-1958-2019-ICESIMP2021
Area	Faroe Plateau
Management Authority	International Council for the Exploration of the Sea
Assessor	North-Western Working Group
Asmts in RAM	2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019

Reference Points			
Type	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	-	-	-
Fmsy	Fmsy-1/yr	2019	0.3
ERmsy	-	-	-
TBmgt	-	-	-
SSBmgt	SSBmgt-MT	2019	41,400
Fmgt	Fmgt-1/yr	2019	0.3
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	-	-	-
M	-	-	-
TBlim	-	-	-
SSBlim	SSBlim-MT	2018	29,571
Flim	Flim-1/yr	2018	0.7
ERlim	-	-	-

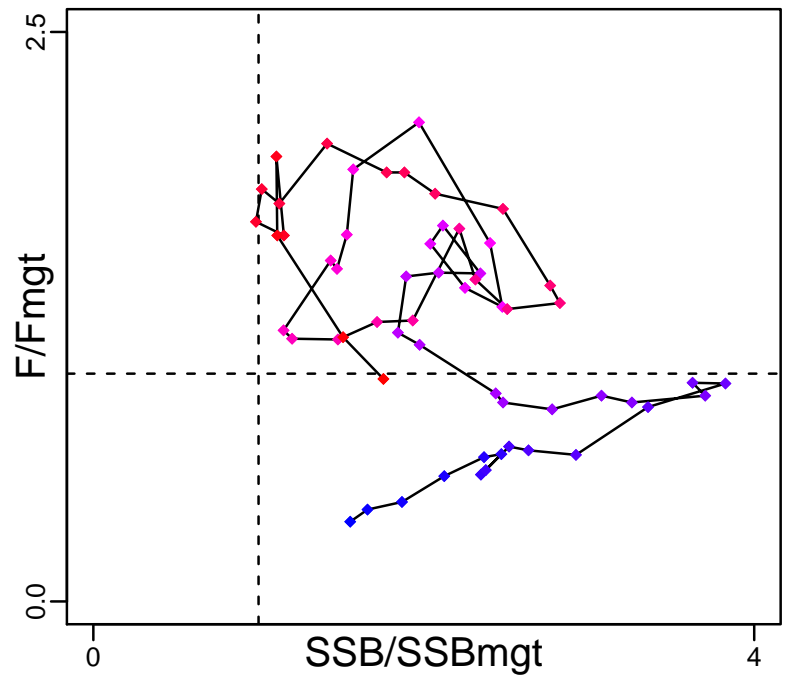
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	TB-MT	2019	194,602	-	-
SSB	SSB-MT	2019	84,441	-	-
TN	-	-	-	-	-
R	R-E00	2019	58,814	-	3
F	F-1/yr	2019	0.293	-	4 to 8
ER	ER-calc-ratio	2019	0.159	-	-
TC	TC-MT	2019	24,119		
TL	TL-MT	2019	24,119		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	F-1/yr/Fmsy-1/yr	2019	0.977		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2019	2.04		
F/Fmgt	F-1/yr/Fmgt-1/yr	2019	0.977		
ER/ERmgt	-	-	-		

Pollock Faroe Plateau [POLLFAPL]

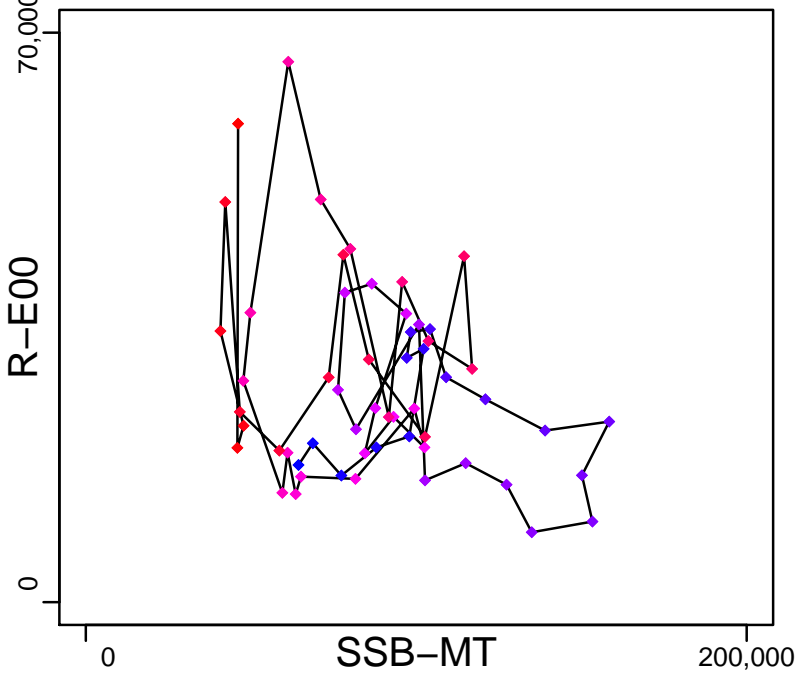
Kobe MSYpref (1958–2019–ICESIMP2021)



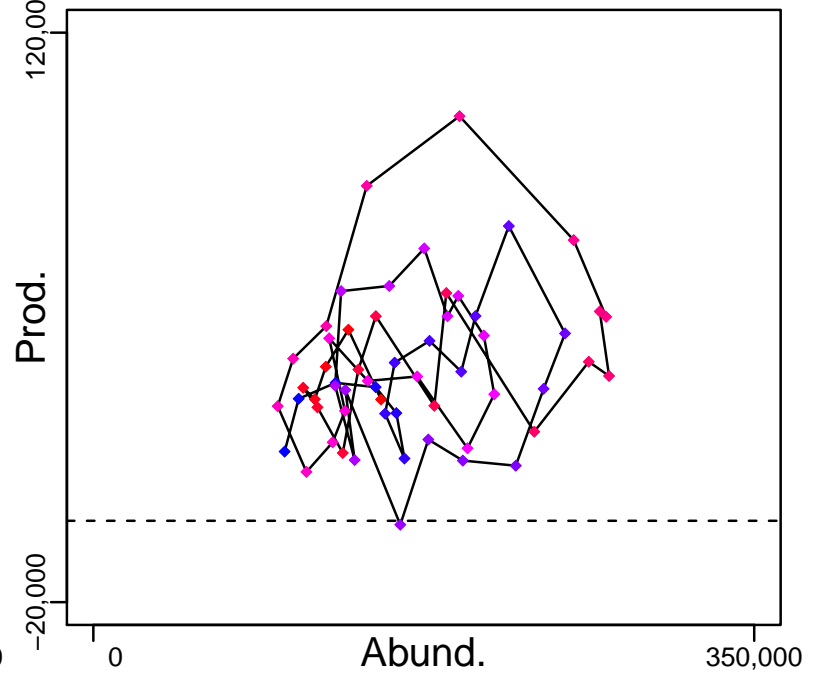
Kobe MGTpref (1958–2019–ICESIMP2021)



Spawner Recruit (1958–2019–ICESIMP2021)



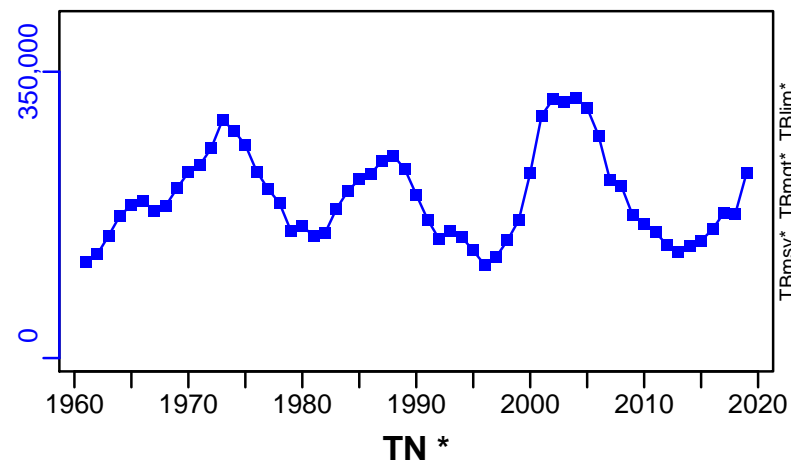
Production (1958–2019–ICESIMP2021)



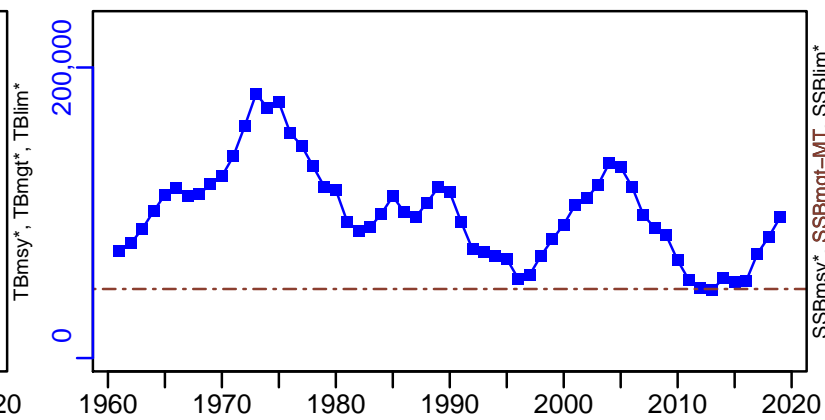
◆ Start Year ◆ End Year * No Data

Pollock Faroe Plateau [POLLFAPL]

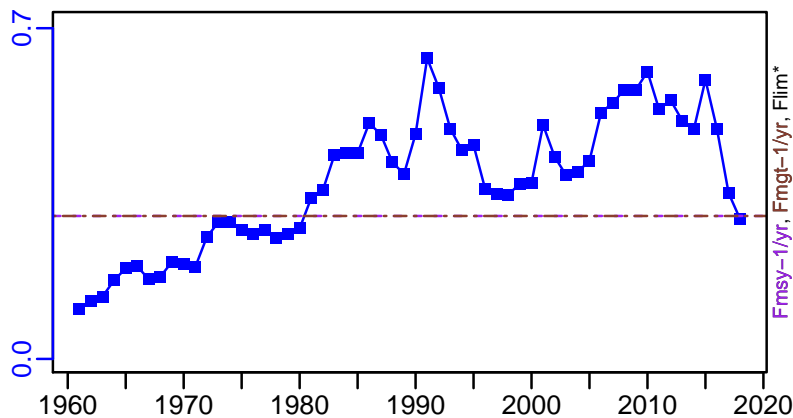
TB-MT (1958–2019–ICESIMP2021)



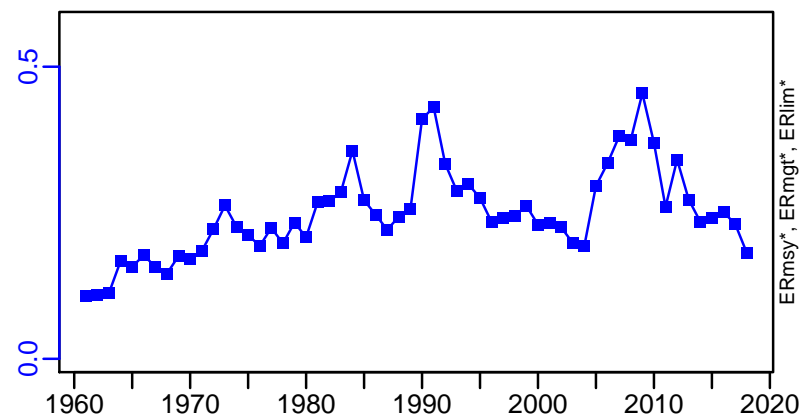
SSB-MT (1958–2019–ICESIMP2021)



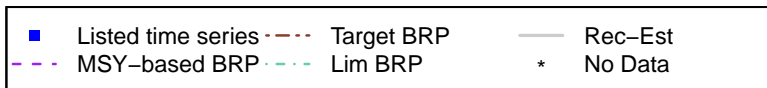
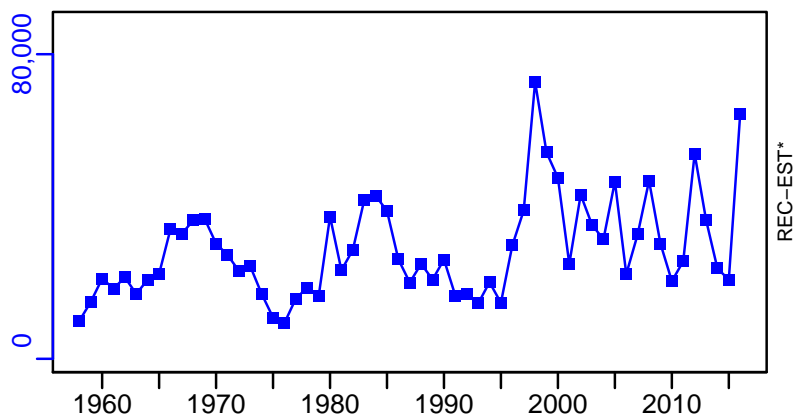
F-1/yr (1958–2019–ICESIMP2021)



ER-calc-ratio (1958–2019–ICESIMP2021)

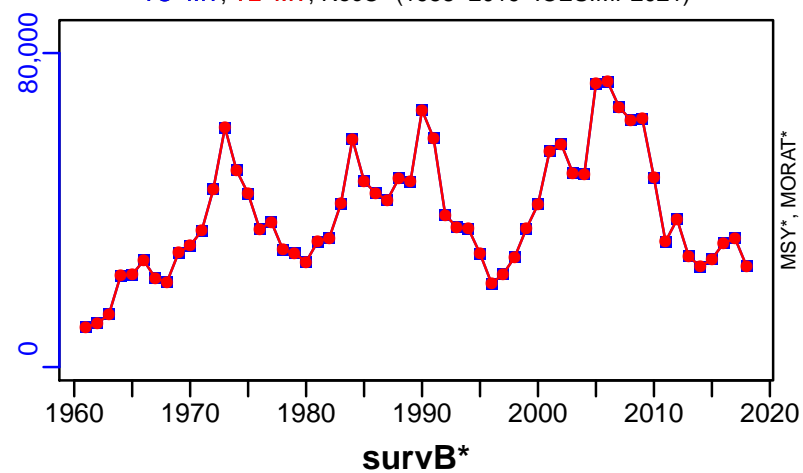


R-E00 (1958–2019–ICESIMP2021)



Pollock Faroe Plateau [POLLFAPL]

TC-MT, TL-MT, RecC* (1958-2019-ICESIMP2021)



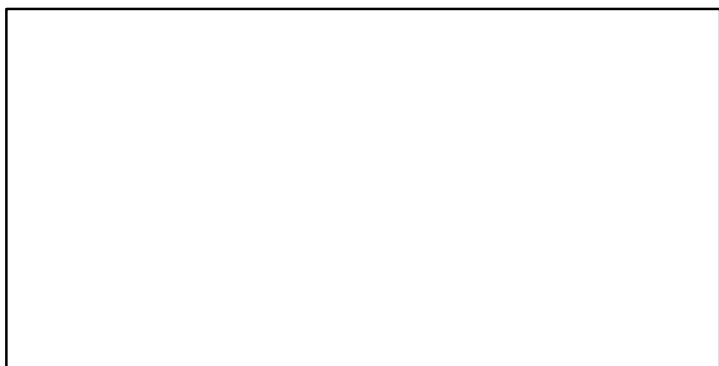
TAC*, Cpair*, Cadv*



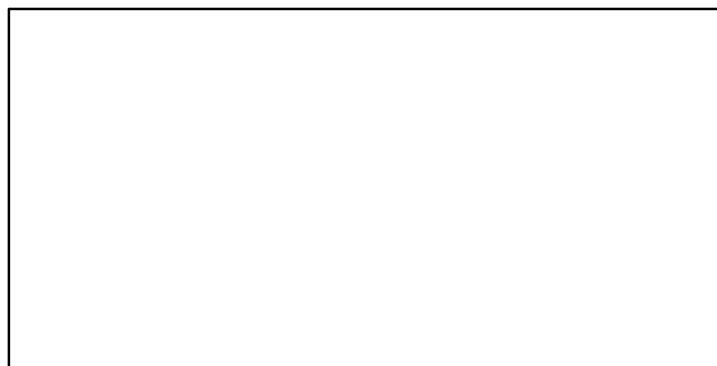
CPUE*



EFFORT*



CdivMSY*



■ 1st listed time series ▲ 3rd listed time series — MORAT
● 2nd listed time series - - - MSY * No Data

Pollock Iceland Grounds [POLLIEG]

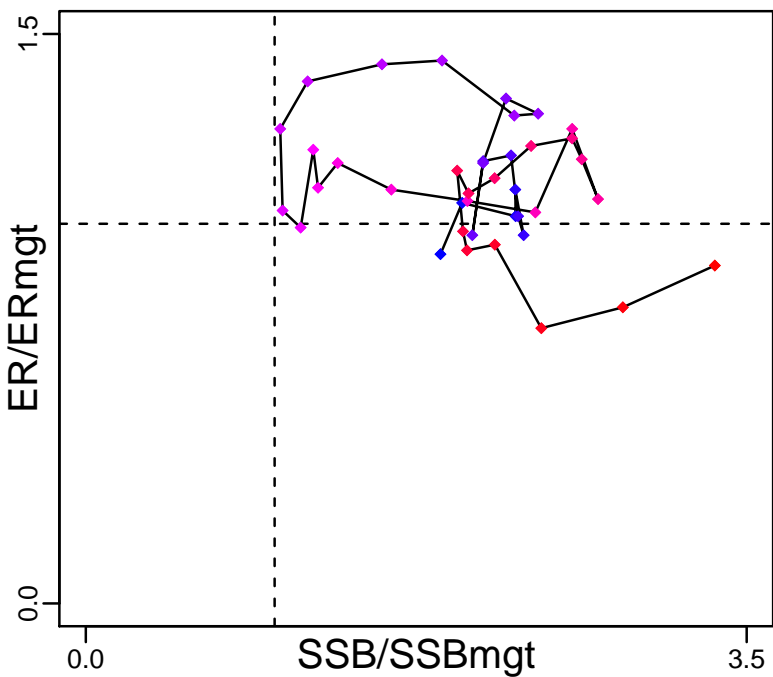
Metadata	
Scientific Name	Pollachius virens
Current Assess ID	NWWG-POLLIEG-1977-2019-ICESIMP2021
Area	Iceland Grounds
Management Authority	International Council for the Exploration of the Sea
Assessor	North-Western Working Group
Asmts in RAM	2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019

Reference Points			
Type	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	-	-	-
Fmsy	Fmsy-1/yr	2012	0.28
ERmsy	ERmsy-ratio	2018	0.2
TBmgt	-	-	-
SSBmgt	SSBmgt-MT	2019	61,000
Fmgt	-	-	-
ERmgt	ERmgt-ratio	2019	0.2
TB0	-	-	-
SSB0	-	-	-
MSY	MSY-MT	2012	65,000
M	-	-	-
TBlim	-	-	-
SSBlim	SSBlim-MT	2018	44,000
Flim	Flim-1/yr	2018	0.46
ERlim	-	-	-

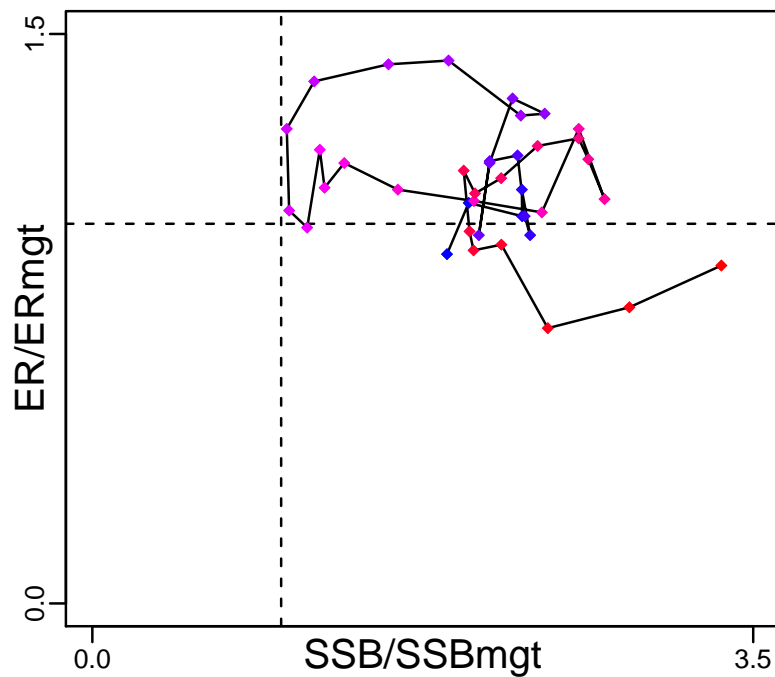
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	TB-MT	2017	306,000	Both	-
SSB	SSB-MT	2019	224,932	-	-
TN	-	-	-	-	-
R	R-E00	2019	65,713,000	-	3
F	F-1/yr	2019	0.17	-	4 to 9
ER	ER-ratio	2019	0.178	-	-
TC	TC-MT	2019	65,360		
TL	TL-MT	2019	65,360		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	F-1/yr/Fmsy-1/yr	2012	0.929		
ER/ERmsy	ER-ratio/ERmsy-ratio	2018	0.605		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2019	3.687		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

Pollock Iceland Grounds [POLLIEG]

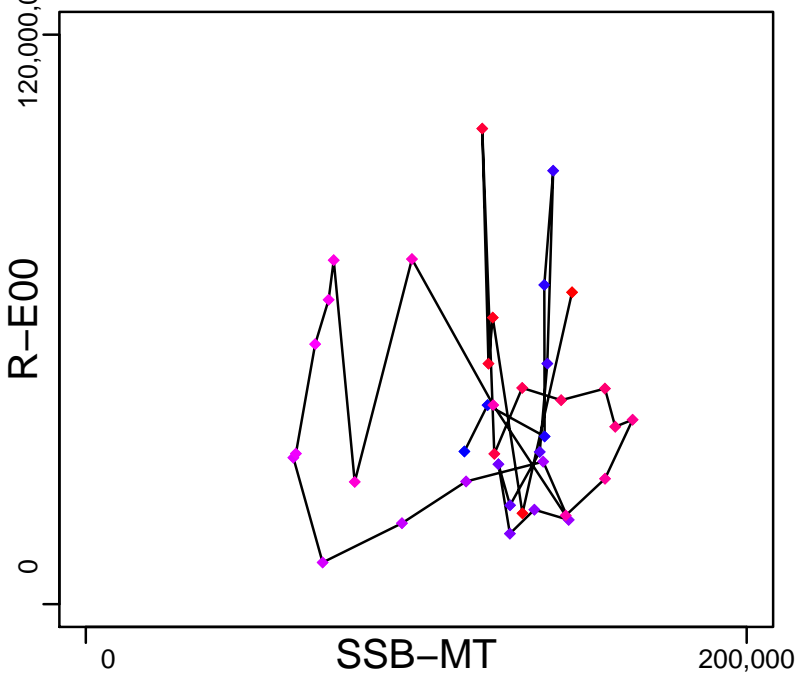
Kobe MSYpref (1977–2019–ICESIMP2021)



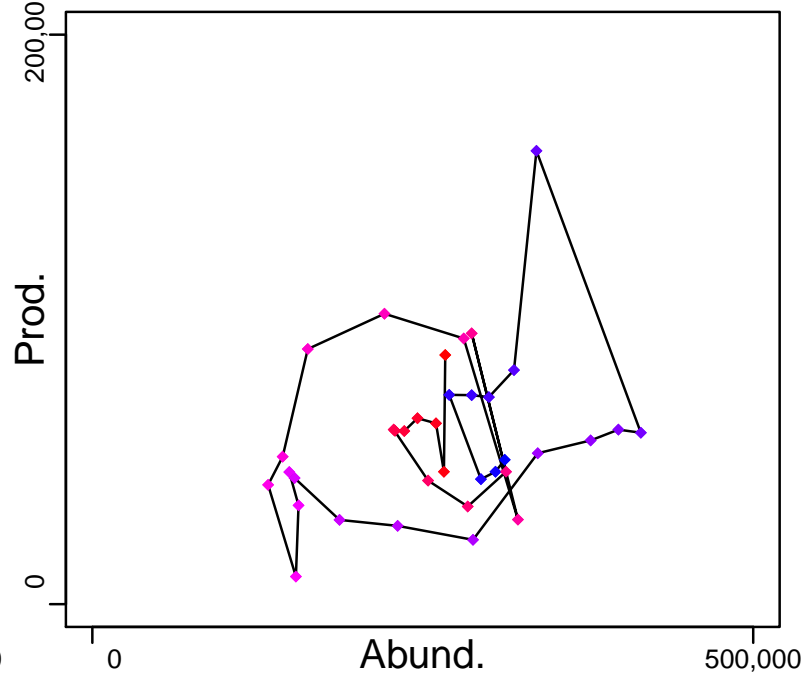
Kobe MGTpref (1977–2019–ICESIMP2021)



Spawner Recruit (1977–2019–ICESIMP2021)



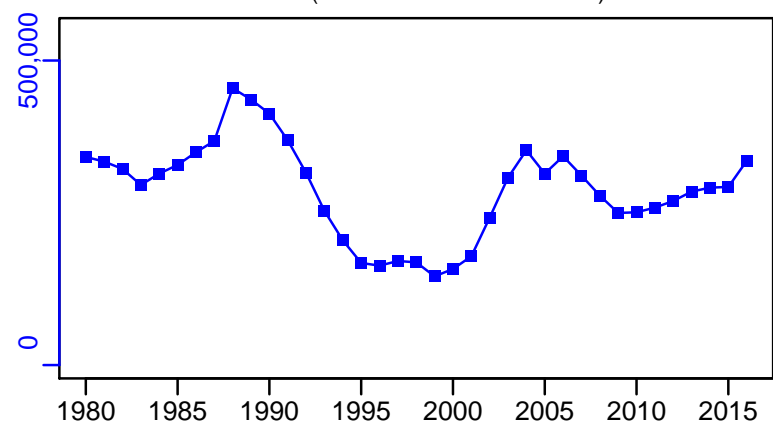
Production (1977–2017–ICESIMP2018)



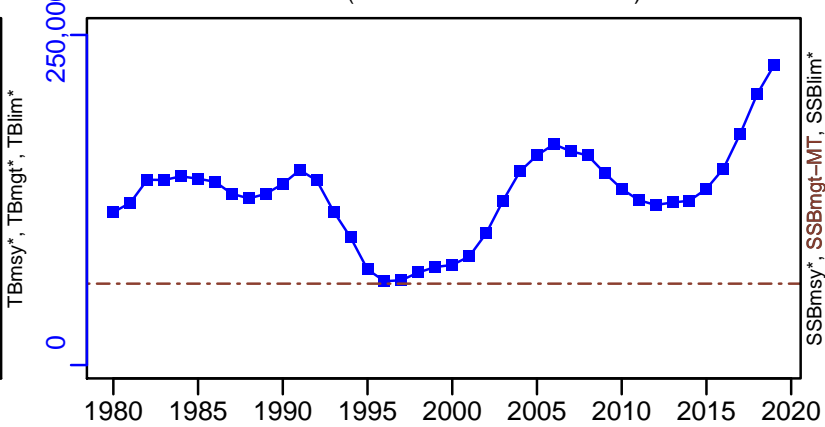
◆ Start Year ◆ End Year * No Data

Pollock Iceland Grounds [POLLIEG]

TB-MT (1977–2017–ICESIMP2018)



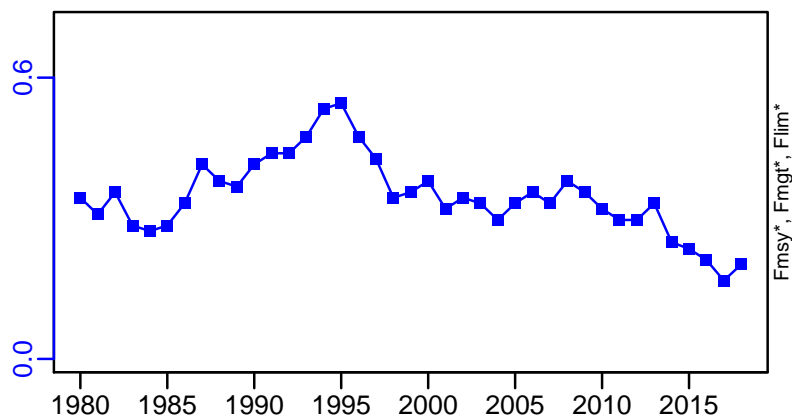
SSB-MT (1977–2019–ICESIMP2021)



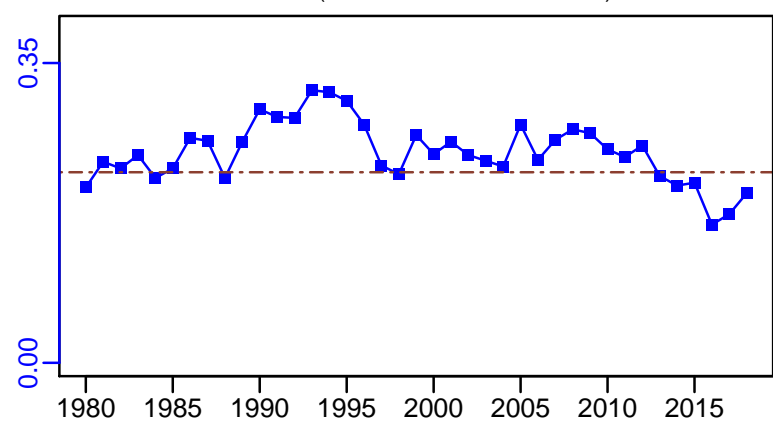
TN *



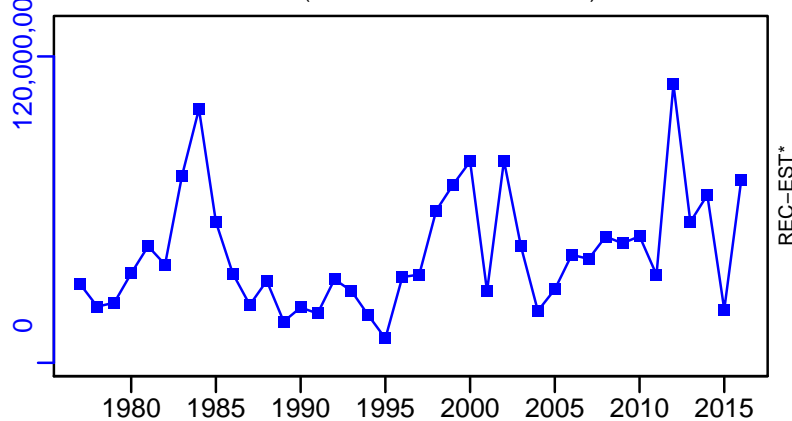
F-1/yr (1977–2019–ICESIMP2021)



ER-ratio (1977–2019–ICESIMP2021)

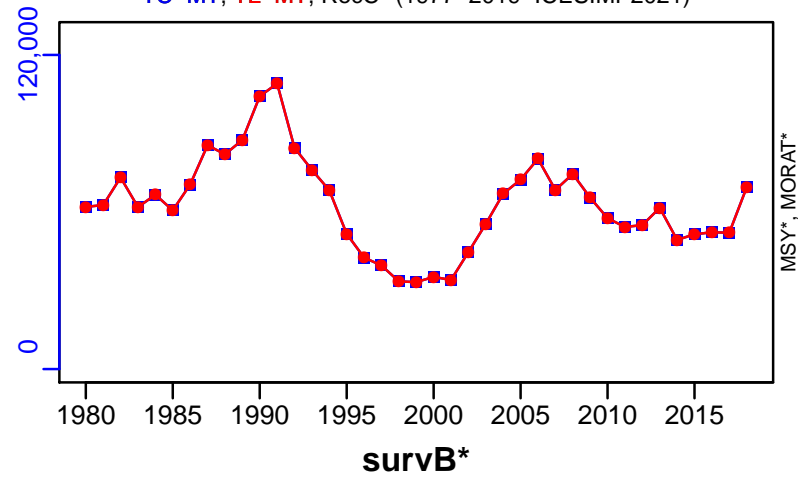


R-E00 (1977–2019–ICESIMP2021)



Pollock Iceland Grounds [POLLIEG]

TC-MT, TL-MT, RecC* (1977-2019-ICESIMP2021)



TAC*, Cpair*, Cadv*



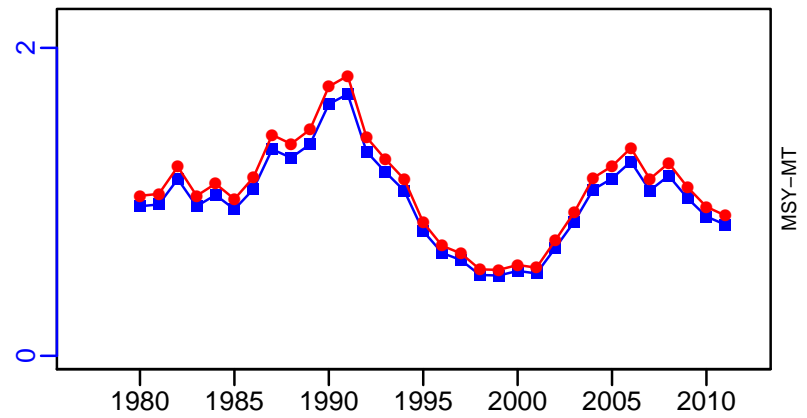
CPUE*



EFFORT*



TL-MT/MSY-MT, CdivMEANC-ratio, (1977-2012-CHING)



■ 1st listed time series ▲ 3rd listed time series — MORAT
● 2nd listed time series - - - MSY * No Data

Pollock North-East Arctic [POLLNEAR]

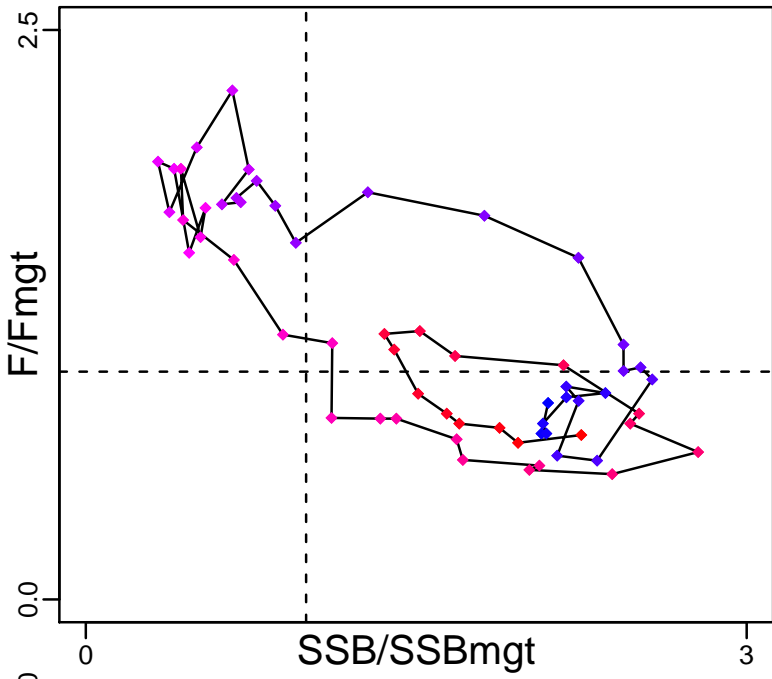
Metadata	
Scientific Name	Pollachius virens
Current Assess ID	AFWG-POLLNEAR-1957-2019-ICESIMP2021
Area	North-East Arctic
Management Authority	International Council for the Exploration of the Sea
Assessor	Arctic Fisheries Working Group
Asmts in RAM	2012, 2014, 2015, 2016, 2017, 2018, 2019

Reference Points			
Type	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	-	-	-
Fmsy	-	-	-
ERmsy	-	-	-
TBmgt	-	-	-
SSBmgt	SSBmgt-MT	2019	220,000
Fmgt	Fmgt-1/yr	2019	0.32
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	-	-	-
M	-	-	-
TBlim	-	-	-
SSBlim	SSBlim-MT	2018	136,000
Flim	Flim-1/yr	2018	0.58
ERlim	-	-	-

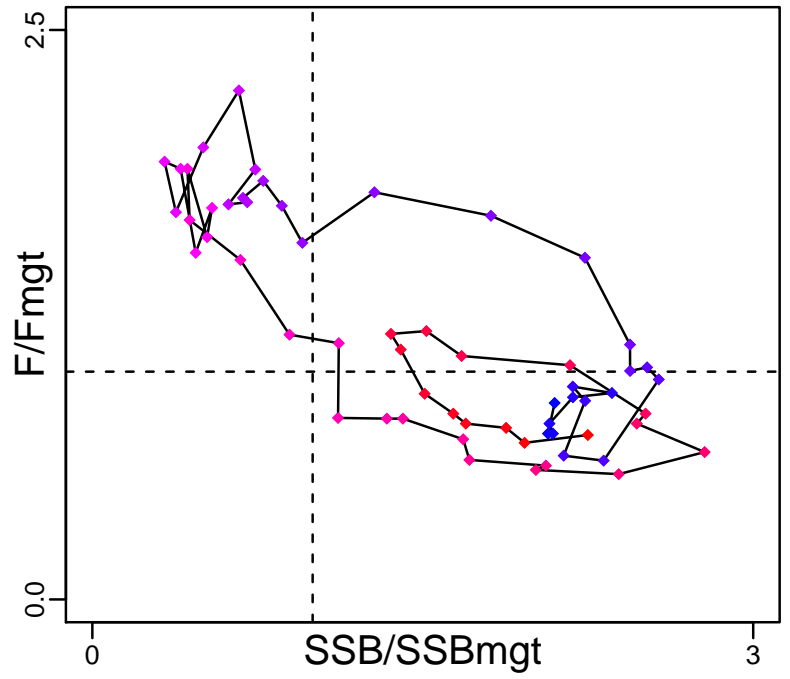
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	TB-MT	2019	909,053	-	-
SSB	SSB-MT	2019	555,377	-	-
TN	-	-	-	-	-
R	R-E00	2019	159,108,000	-	3
F	F-1/yr	2019	0.231	-	4 to 7
ER	ER-calc-ratio	2019	0.199	-	-
TC	TC-MT	2019	181,283		
TL	TL-MT	2019	181,283		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2019	2.524		
F/Fmgt	F-1/yr/Fmgt-1/yr	2019	0.722		
ER/ERmgt	-	-	-		

Pollock North-East Arctic [POLLNEAR]

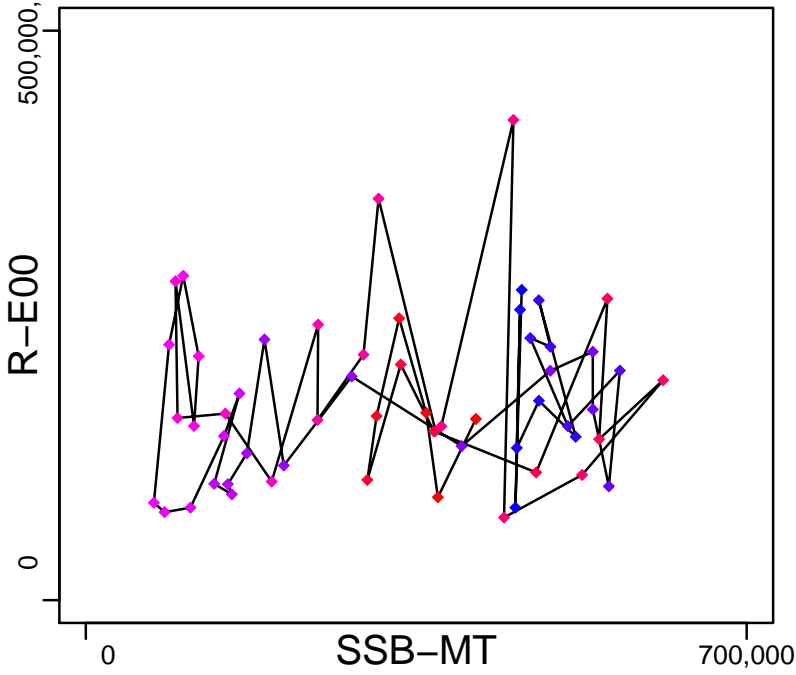
Kobe MSYpref (1957–2019–ICESIMP2021)



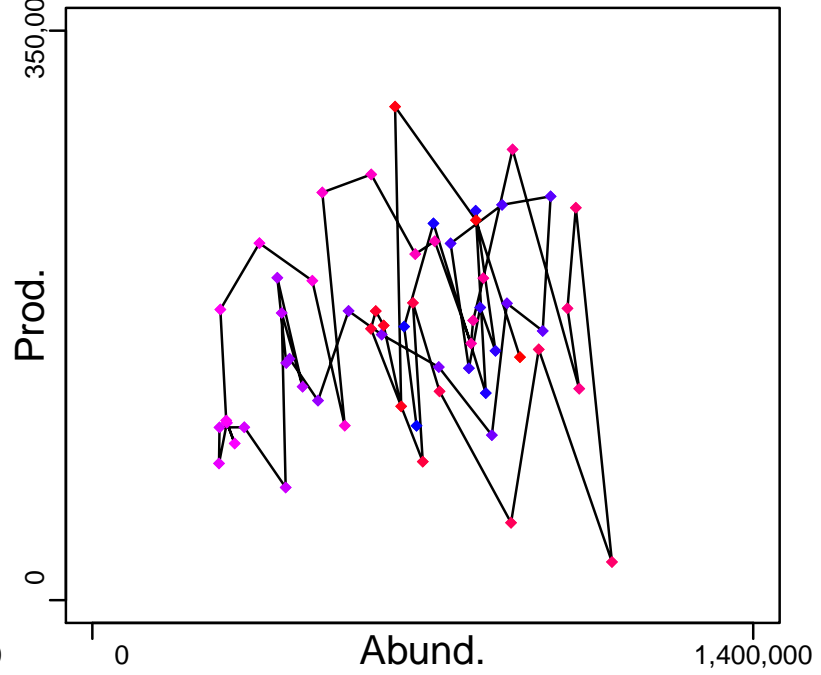
Kobe MGTpref (1957–2019–ICESIMP2021)



Spawner Recruit (1957–2019–ICESIMP2021)



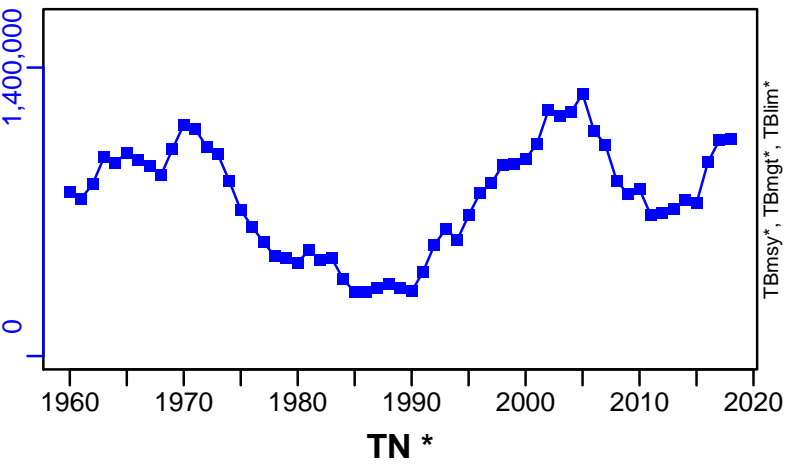
Production (1957–2019–ICESIMP2021)



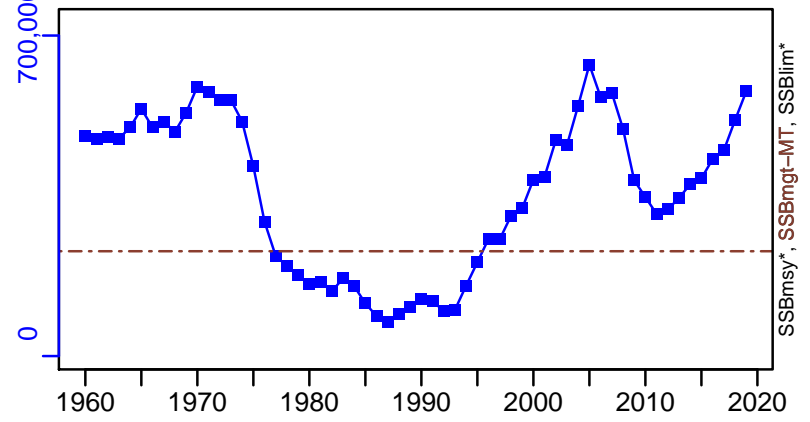
◆ Start Year ◆ End Year * No Data

Pollock North-East Arctic [POLLNEAR]

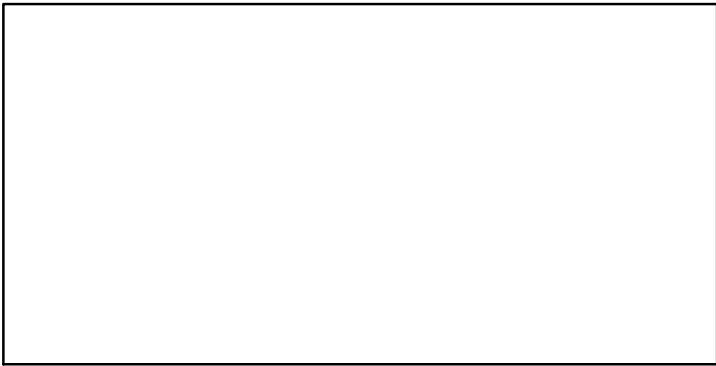
TB-MT (1957–2019–ICESIMP2021)



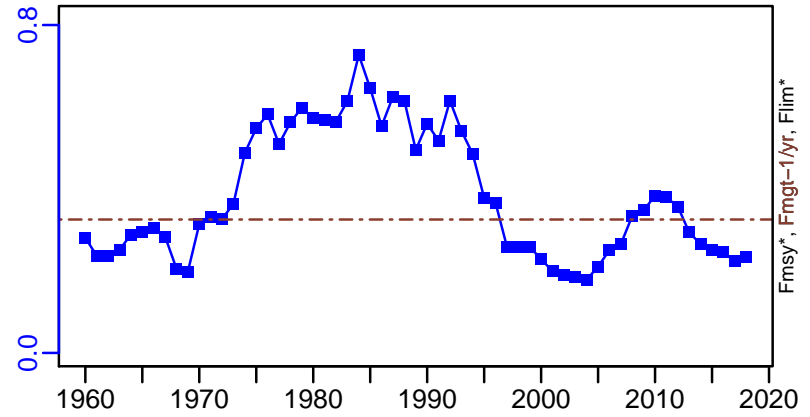
SSB-MT (1957–2019–ICESIMP2021)



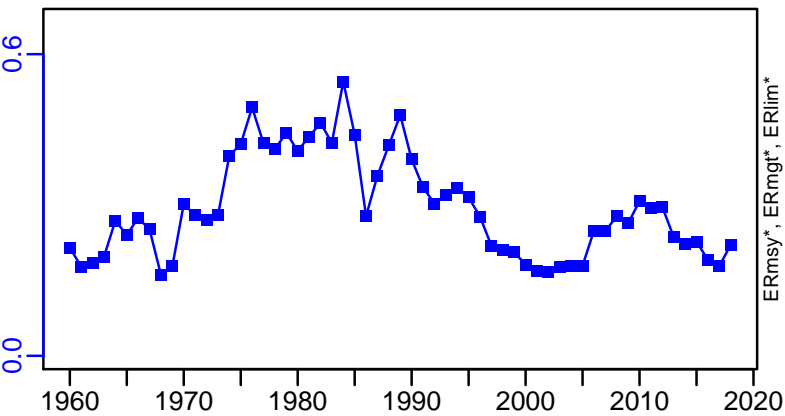
TN *



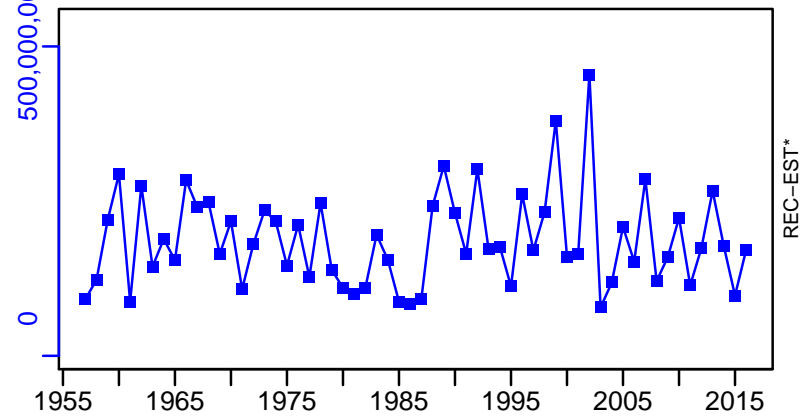
F-1/yr (1957–2019–ICESIMP2021)



ER-calc-ratio (1957–2019–ICESIMP2021)

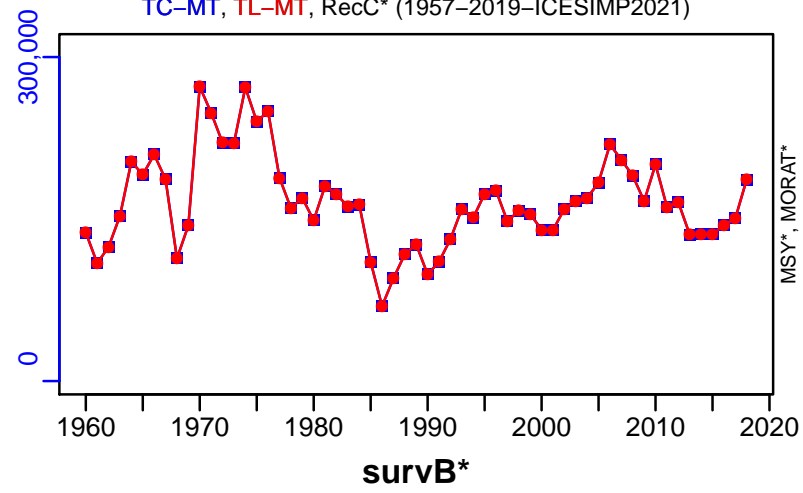


R-E00 (1957–2019–ICESIMP2021)



Pollock North-East Arctic [POLLNEAR]

TC-MT, TL-MT, RecC* (1957-2019-ICESIMP2021)



TAC*, Cpair*, Cadv*



CPUE*



EFFORT*



CdivMSY*



■ 1st listed time series ▲ 3rd listed time series — MORAT
● 2nd listed time series - - - MSY * No Data

**Beaked redfish ICES 5-12-14 and NAFO Subareas 1-2 (deep)
[REDDEEPDP-1-2-V-XII-XIV]**

Metadata	
Scientific Name	Sebastes mentella
Current Assess ID	NWWG-REDDEEPDP-1-2-V-XII-XIV-1980-2019-ICESIMP2021
Area	ICES 5-12-14 and NAFO Subareas 1-2 (deep)
Management Authority	International Council for the Exploration of the Sea
Assessor	North-Western Working Group
Asmts in RAM	2016, 2019

Reference Points			
Type	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	-	-	-
Fmsy	Fmsy-relative	2019	0.131
ERmsy	-	-	-
TBmgt	-	-	-
SSBmgt	SSBmgt-relative	2019	1.263
Fmgt	Fmgt-relative	2019	0.131
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	-	-	-
M	-	-	-
TBlim	-	-	-
SSBlim	SSBlim-relative	2016	0.779
Flim	Flim-relative	2016	0.24
ERlim	-	-	-

Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	TB-relative	2019	0.321	-	-
SSB	SSB-relative	2019	0.282	-	-
TN	-	-	-	-	-
R	R-relative	2019	0.885	-	5
F	F-relative	2019	1.593	-	-
ER	-	-	-	-	-
TC	TC-MT	2019	24,453		
TL	TL-MT	2019	24,453		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

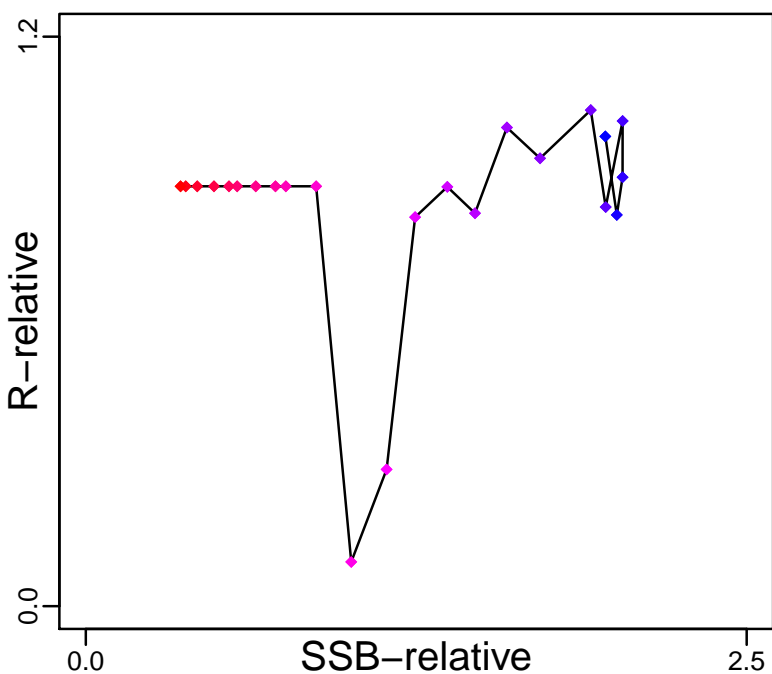
Kobe MSY*



Kobe MGT*



Spawner Recruit (1980–2019–ICESIMP2021)



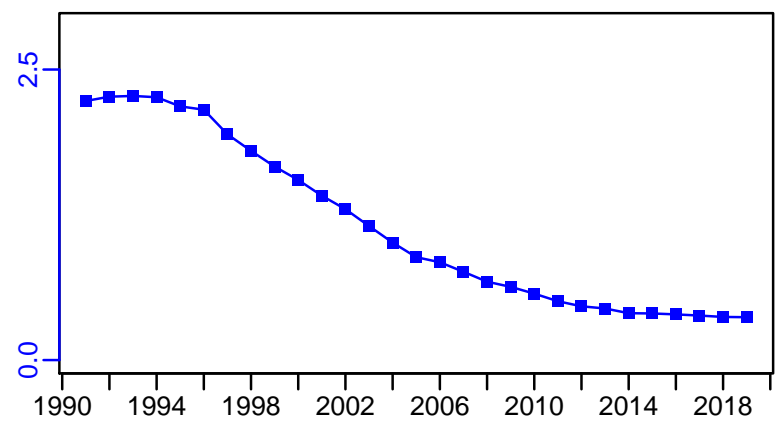
Production*



◆ Start Year ◆ End Year * No Data

Beaked redfish ICES 5–12–14 and NAFO Subareas 1–2 (deep) [REDDEEPDP-1-2-V-XII-XIV]

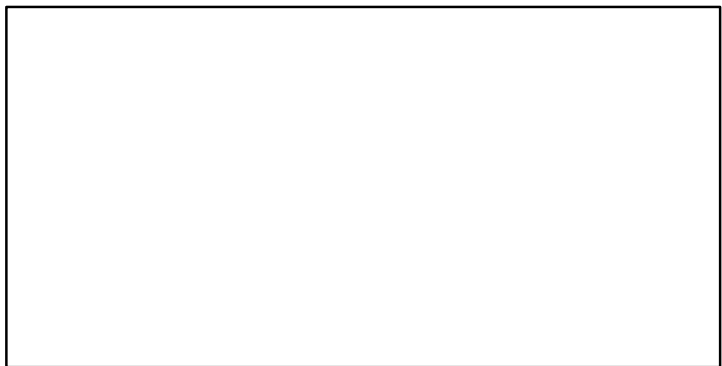
TB-relative (1980–2019–ICESIMP2021)



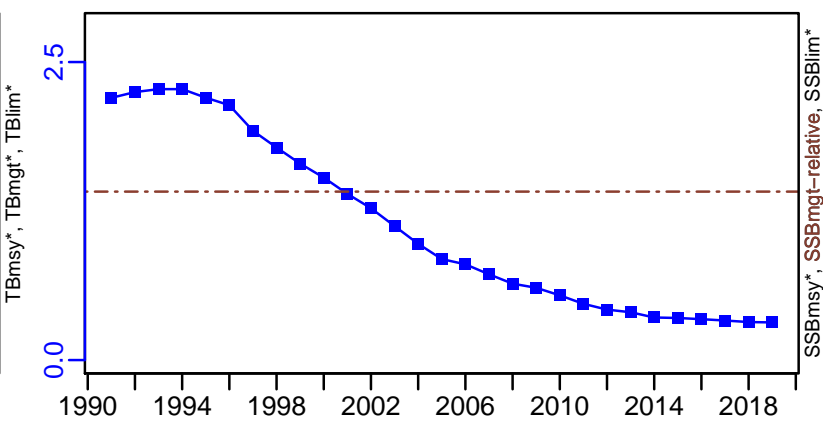
TN *



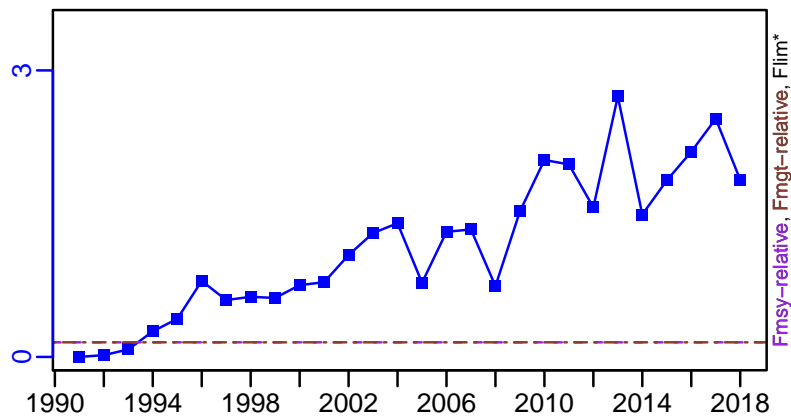
ER*



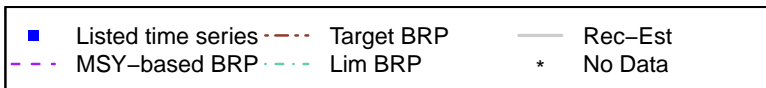
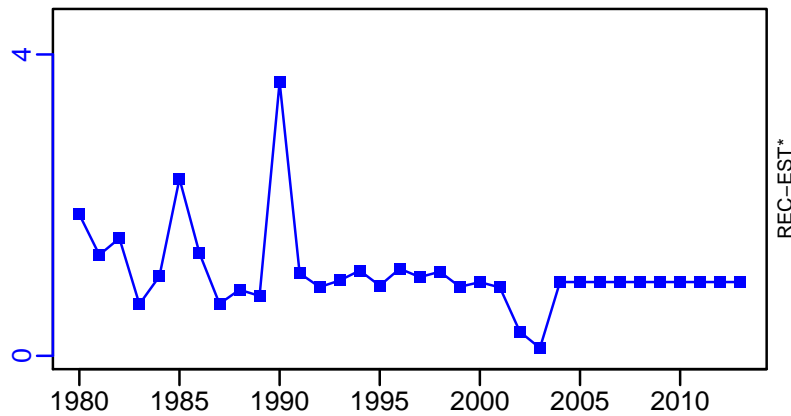
SSB-relative (1980–2019–ICESIMP2021)



F-relative (1980–2019–ICESIMP2021)

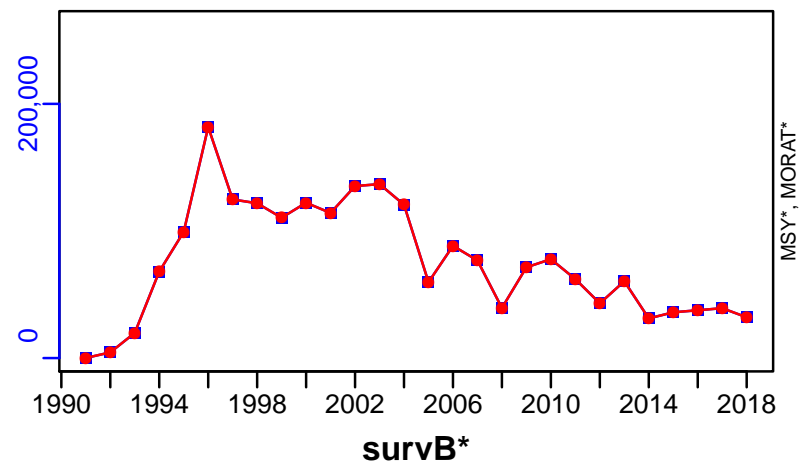


R-relative (1980–2019–ICESIMP2021)



Beaked redfish ICES 5–12–14 and NAFO Subareas 1–2 (deep) [REDDEEPDP–1–2–V–XII–XIV]

TC–MT, TL–MT, RecC* (1980–2019–ICESIMP2021)



TAC*, Cpair*, Cadv*



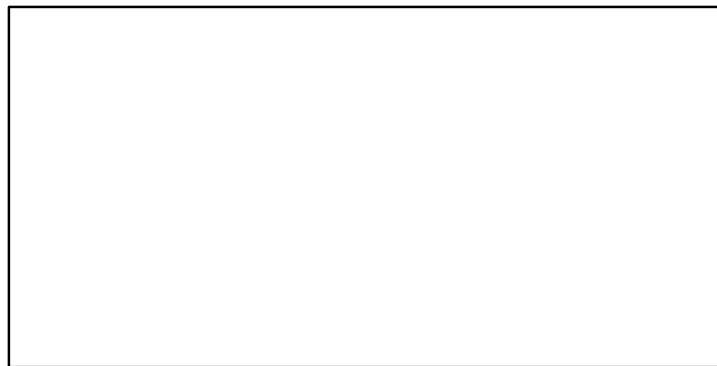
CPUE*



EFFORT*



CdivMSY*



■ 1st listed time series ▲ 3rd listed time series — MORAT
● 2nd listed time series - - - MSY * No Data

Deepwater redfish North-East Arctic [REDDEEPI-II]

Metadata	
Scientific Name	Sebastes mentella
Current Assess ID	NWWG-REDDEEPI-II-1952-2018-ICESIMP2021
Area	North-East Arctic
Management Authority	International Council for the Exploration of the Sea
Assessor	North-Western Working Group
Asmts in RAM	2006, 2018, 2014, 2016

Reference Points			
Type	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	-	-	-
Fmsy	-	-	-
ERmsy	-	-	-
TBmgt	-	-	-
SSBmgt	SSBmgt-MT	2018	315,000
Fmgt	-	-	-
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	-	-	-
M	-	-	-
TBlim	-	-	-
SSBlim	-	-	-
Flim	-	-	-
ERlim	-	-	-

Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	TB-MT	2016	1,260,000	Both	-
SSB	SSB-MT	2018	814,285	-	-
TN	-	-	-	-	-
R	R-E00	2018	266,341,000	-	2
F	F-1/yr	2018	0.039	-	19+
ER	ER-calc-ratio	2016	0.027	-	-
TC	TC-MT	2018	31,201		
TL	TL-MT	2018	31,201		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2018	2.585		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

Deepwater redfish North-East Arctic [REDDEEPI-II]

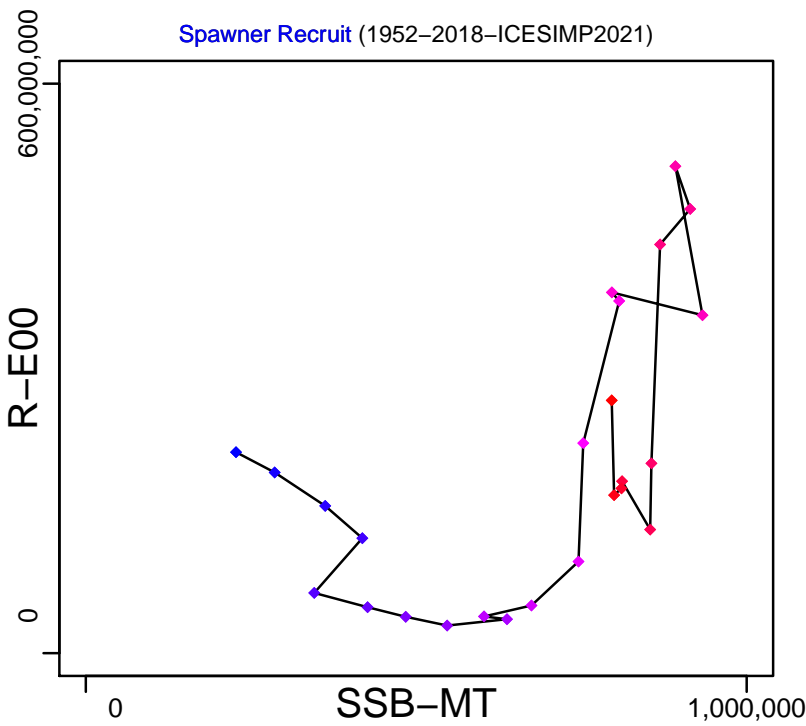
Kobe MSY*



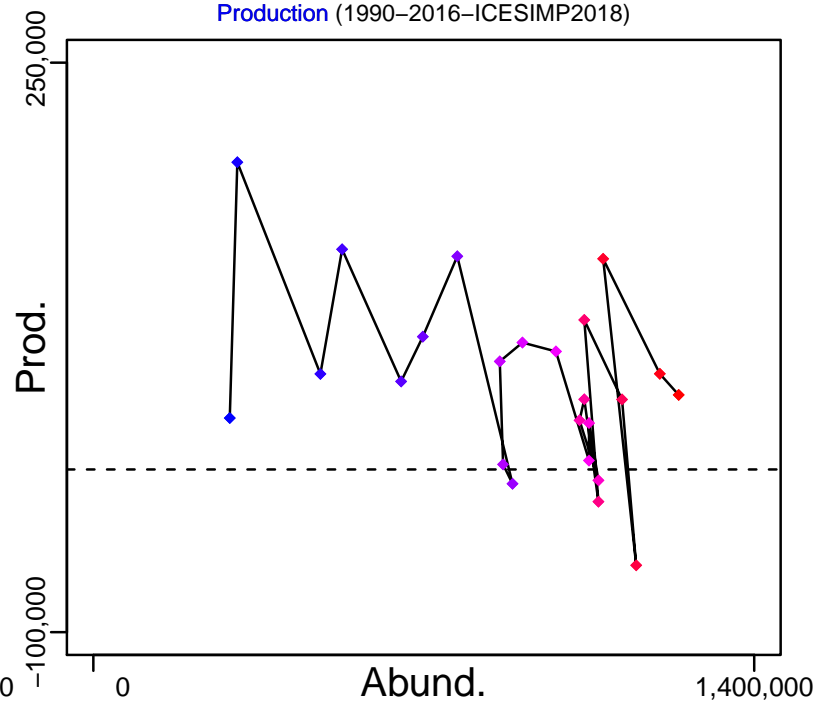
Kobe MGT*



Spawner Recruit (1952–2018–ICESIMP2021)



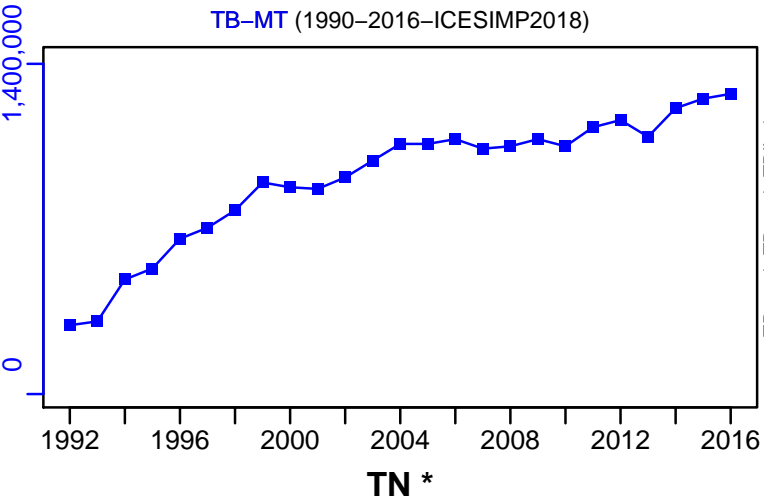
Production (1990–2016–ICESIMP2018)



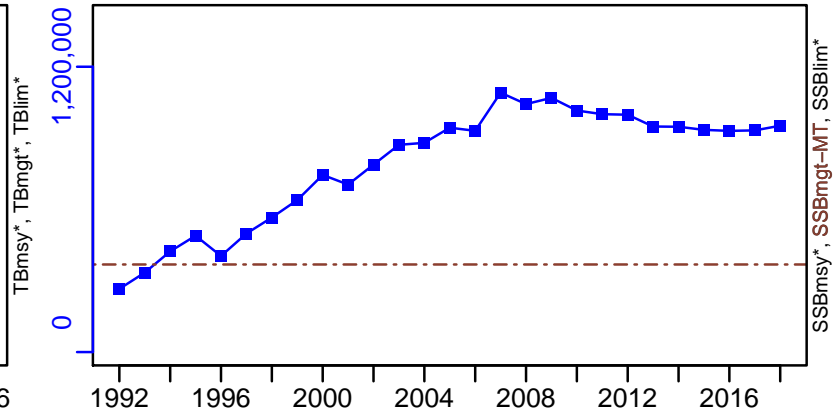
◆ Start Year ◆ End Year * No Data

Deepwater redfish North-East Arctic [REDDEPI-II]

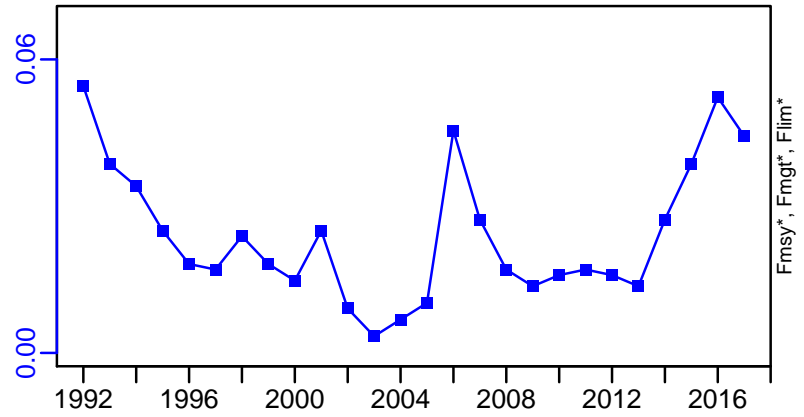
TB-MT (1990–2016–ICESIMP2018)



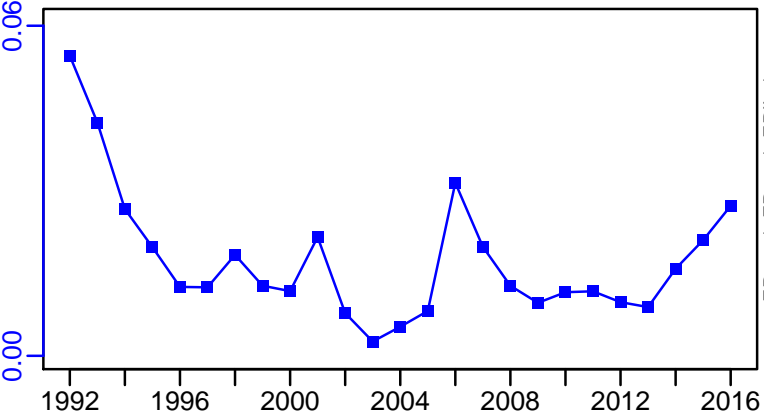
SSB-MT (1952–2018–ICESIMP2021)



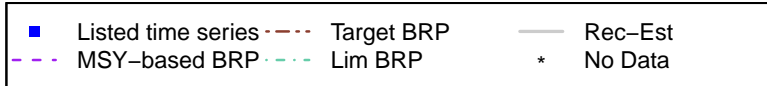
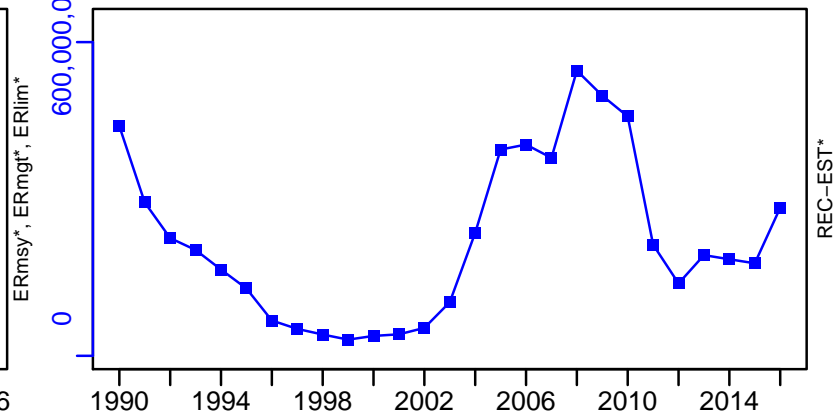
F-1/yr (1952–2018–ICESIMP2021)



ER-calc-ratio (1990–2016–ICESIMP2018)

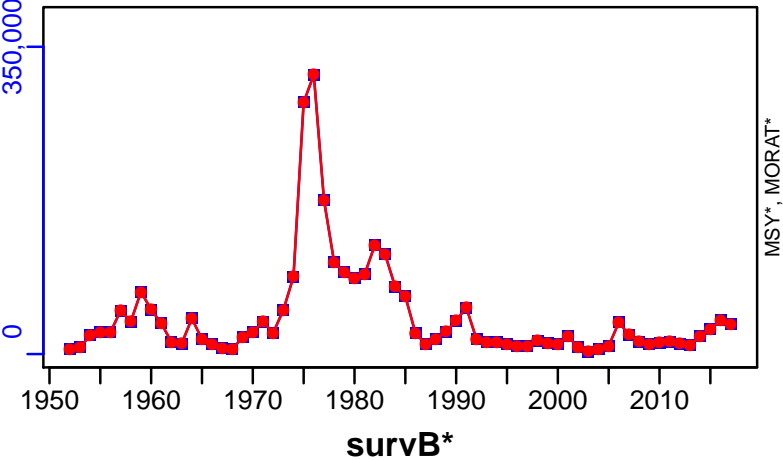


R-E00 (1952–2018–ICESIMP2021)



Deepwater redfish North-East Arctic [REDDEEPI-II]

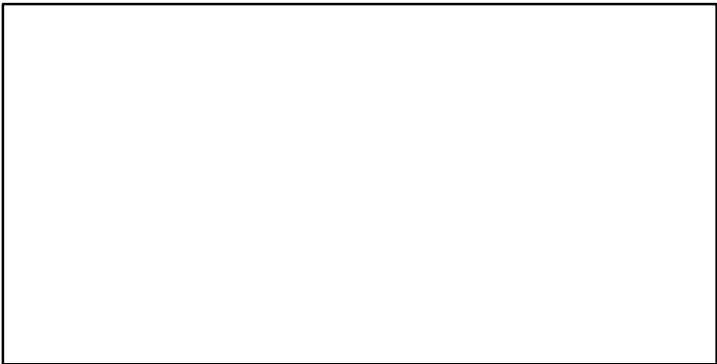
TC-MT, TL-MT, RecC* (1952-2018-ICESIMP2021)



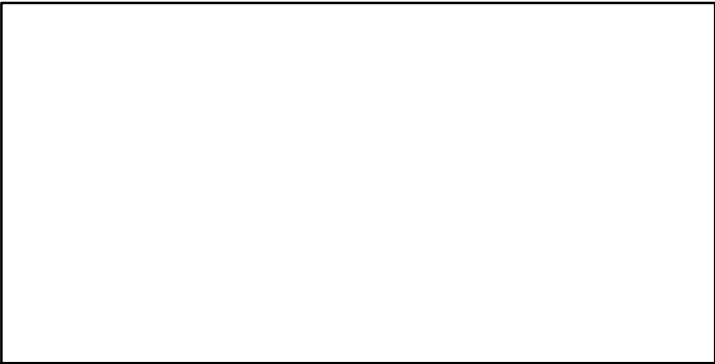
TAC*, Cpair*, Cadv*



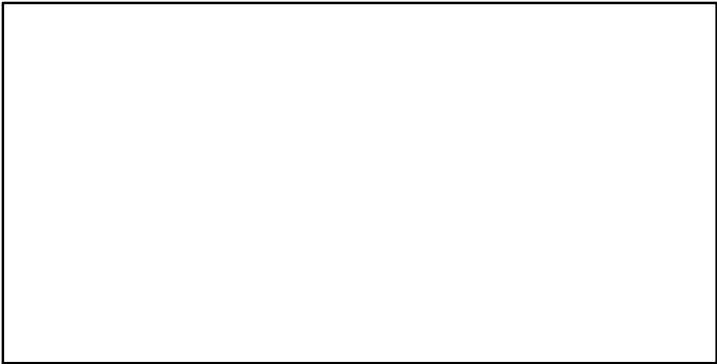
CPUE*



EFFORT*



CdivMSY*



**Beaked redfish ICES 5-12-14 and NAFO Subareas 1-2 (shallow)
[REDDEEPSH1-2-V-XII-XIV]**

Metadata	
Scientific Name	Sebastes mentella
Current Assess ID	NWWG-REDDEEPSH1-2-V-XII-XIV-1982-2018-ICESIMP2021
Area	ICES 5-12-14 and NAFO Subareas 1-2 (shallow)
Management Authority	International Council for the Exploration of the Sea
Assessor	North-Western Working Group
Asmts in RAM	2016, 2018

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

Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	-	-	-	-	-
SSB	-	-	-	-	-
TN	-	-	-	-	-
R	-	-	-	-	-
F	-	-	-	-	-
ER	-	-	-	-	-
TC	TC-MT	2018	4599		
TL	TL-MT	2016	5600		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

Kobe MSY*



Kobe MGT*



Spawner Recruit*



Production*

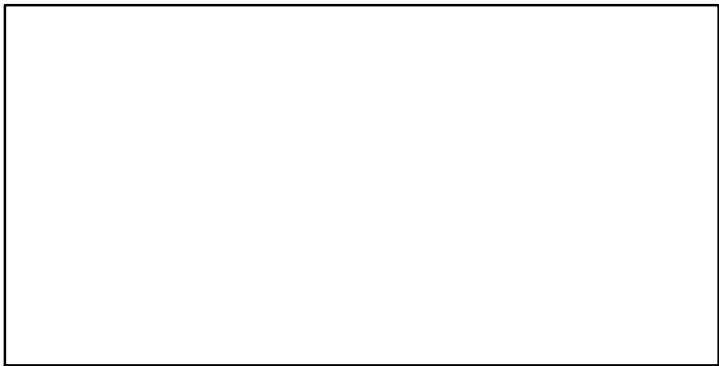


◆ Start Year ◆ End Year * No Data

TB*



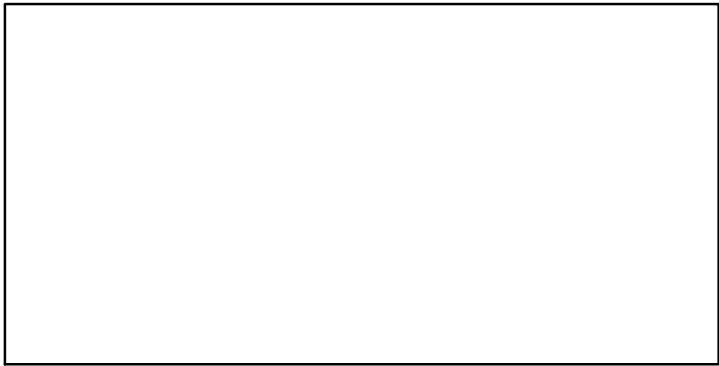
SSB*



TN *



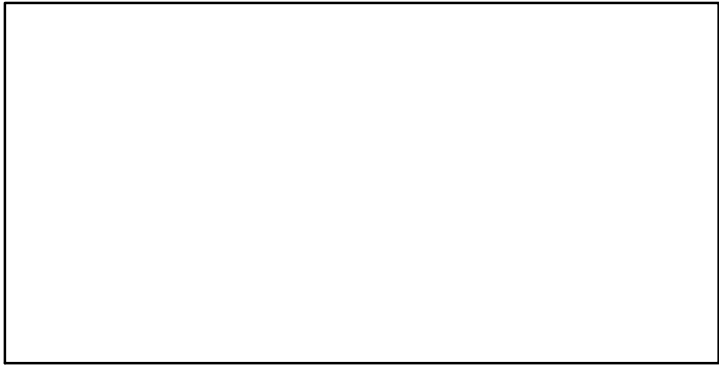
F*



ER*



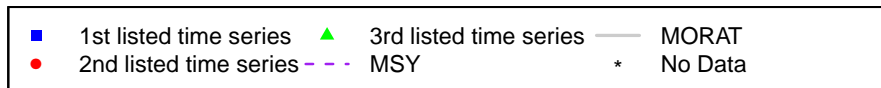
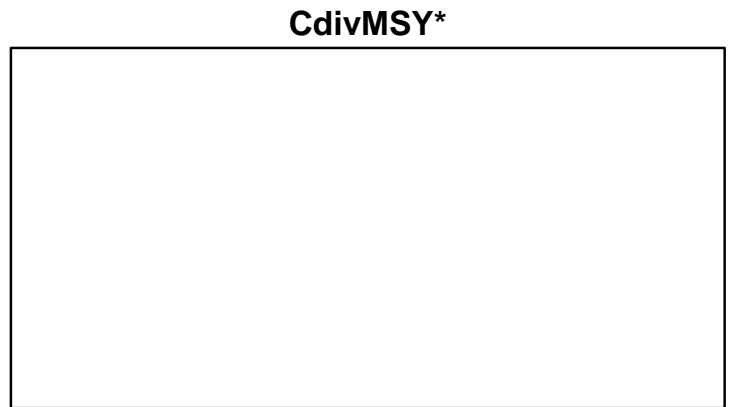
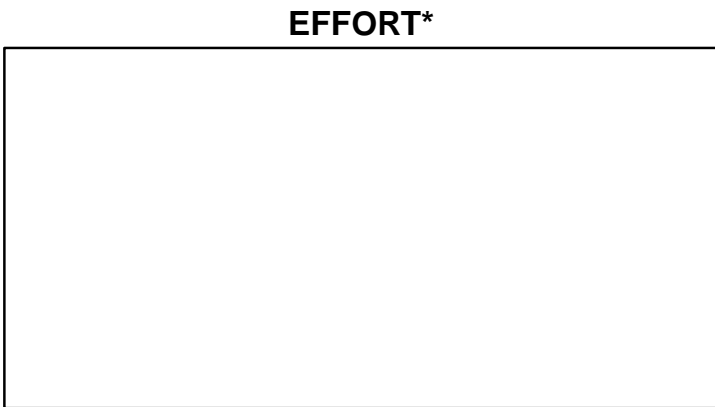
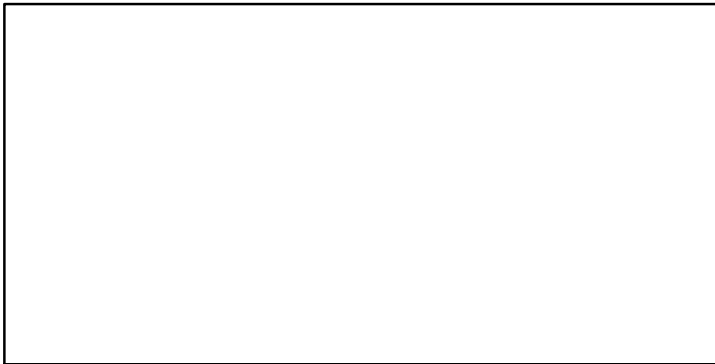
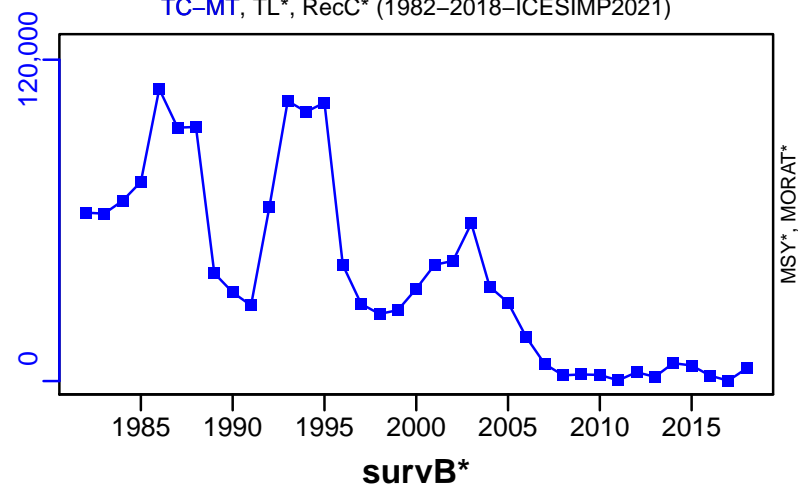
Recruits*



Beaked redfish ICES 5–12–14 and NAFO Subareas 1–2 (shallow) [REDDEEPSH1–2–V–XII–XIV]

TC–MT, TL*, RecC* (1982–2018–ICESIMP2021)

TAC*, Cpair*, Cadv*



Beaked redfish ICES 5a-14 [REDDEEPVa-XIV]

Metadata	
Scientific Name	Sebastes mentella
Current Assess ID	NWWG-REDDEEPVa-XIV-1978-2017-ICESIMP2018
Area	ICES 5a-14
Management Authority	International Council for the Exploration of the Sea
Assessor	North-Western Working Group
Asmts in RAM	2016, 2016, 2017

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

Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	-	-	-	-	-
SSB	-	-	-	-	-
TN	-	-	-	-	-
R	-	-	-	-	-
F	-	-	-	-	-
ER	-	-	-	-	-
TC	TC-MT	2017	8370		
TL	TL-MT	2017	8370		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

Kobe MSY*



Kobe MGT*



Spawner Recruit*



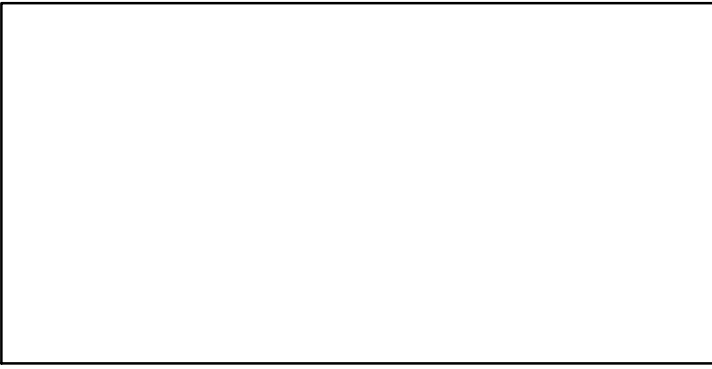
Production*



◆ Start Year ◆ End Year * No Data

Beaked redfish ICES 5a–14 [REDDEEPVa–XIV]

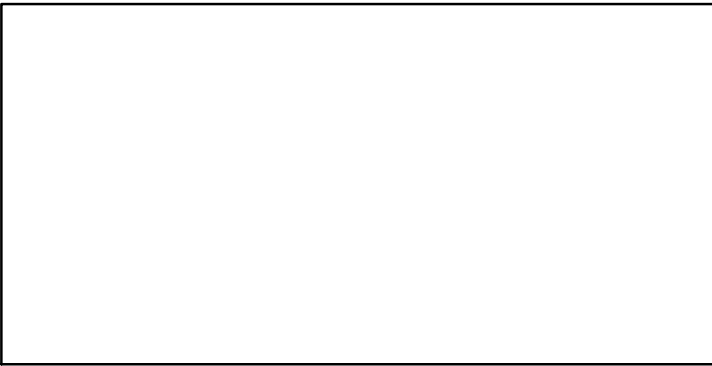
TB*



SSB*



TN *



F*



ER*

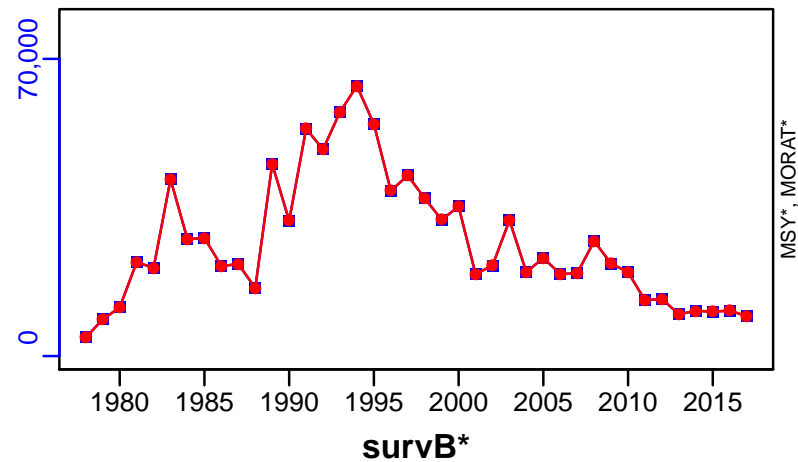


Recruits*



Beaked redfish ICES 5a-14 [REDDEEPVa-XIV]

TC-MT, TL-MT, RecC* (1978-2017-ICESIMP2018)



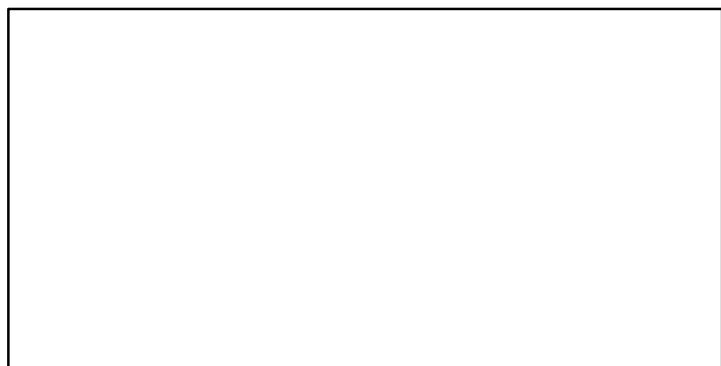
TAC*, Cpair*, Cadv*



CPUE*



EFFORT*



CdivMSY*

