

Europe non EU Stocks

v4.491 (Jan-06-2020)

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-4a]	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	

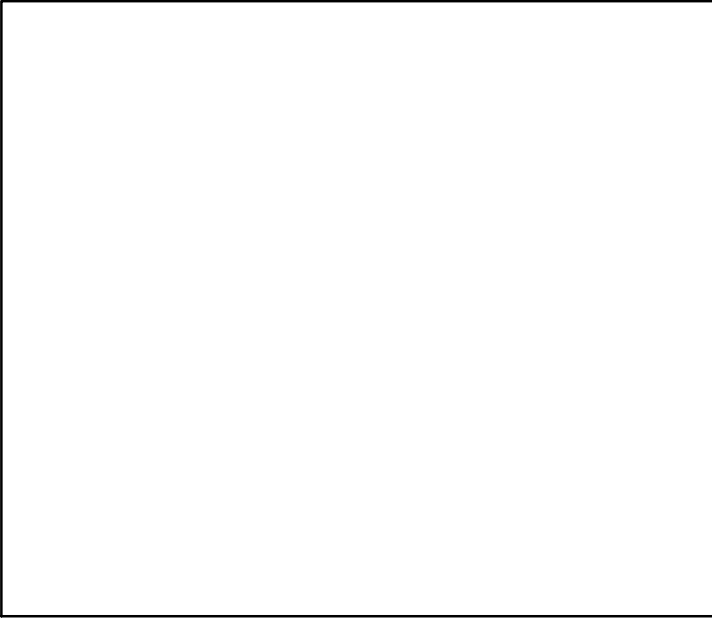
Blue ling ICES 5a-14 [BLINGVa-XIV]

Metadata	
Scientific Name	Molva dypterygia
Current Assess ID	WGDEEP-BLINGVa-XIV-2000-2017-ICESIMP2018
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

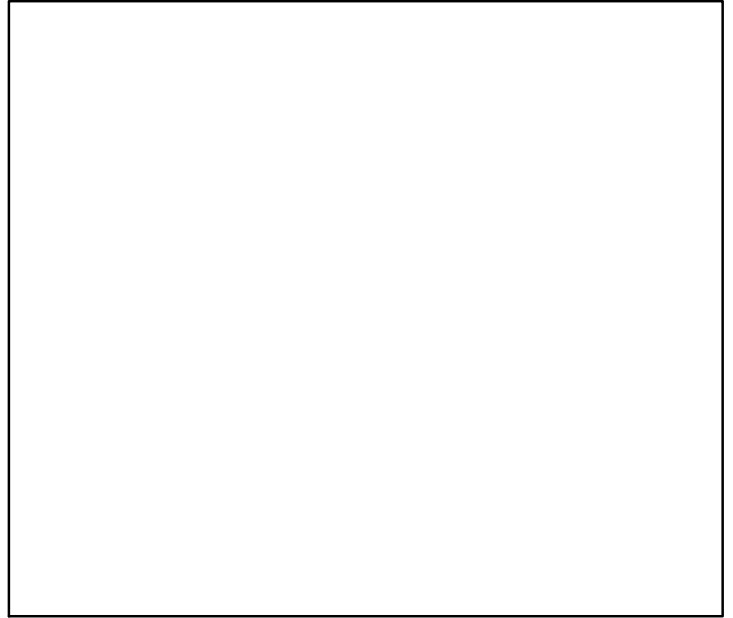
Reference Points			
Type	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	-	-	-
Fmsy	-	-	-
ERmsy	-	-	-
TBmgt	-	-	-
SSBmgt	-	-	-
Fmgt	-	-	-
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	-	-	-
M	-	-	-
TBlim	-	-	-
SSBlim	-	-	-
Flim	-	-	-
ERlim	-	-	-

Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	-	-	-	-	-
SSB	-	-	-	-	-
TN	-	-	-	-	-
R	-	-	-	-	-
F	F-1/yr	2016	0.834	-	-
ER	-	-	-	-	-
TC	TC-MT	2017	636		
TL	TL-MT	2016	1810		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

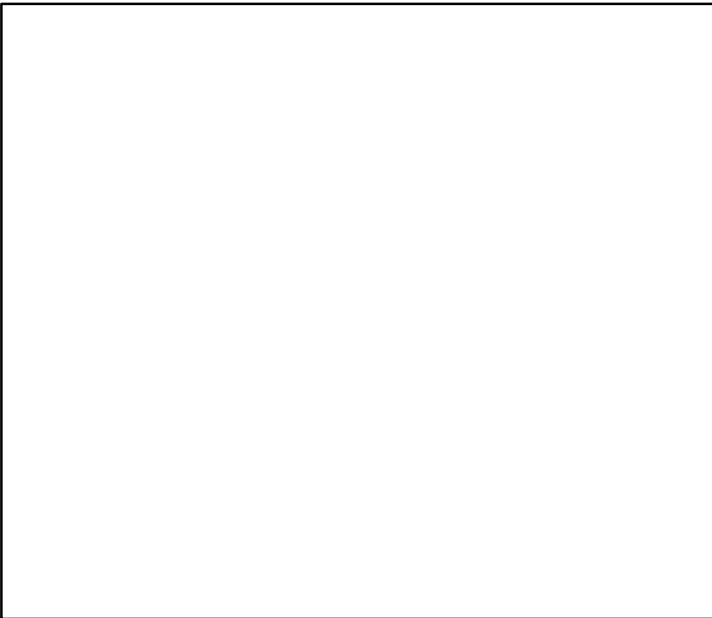
Kobe MSY*



Kobe MGT*



Spawner Recruit*



Production*



◆ Start Year ◆ End Year * No Data

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

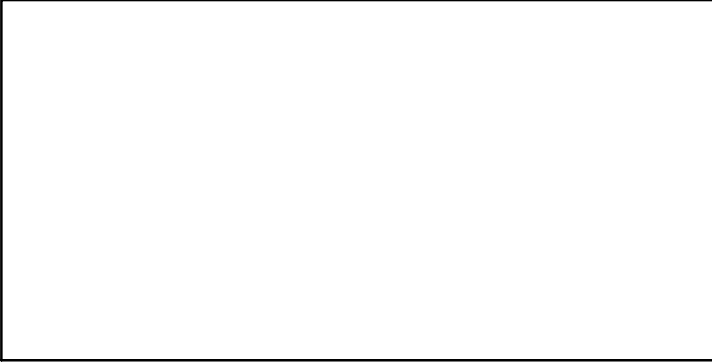
TB*



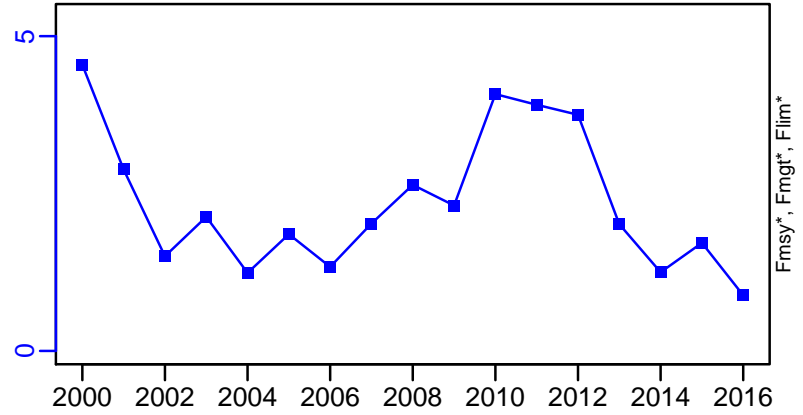
SSB*



TN *



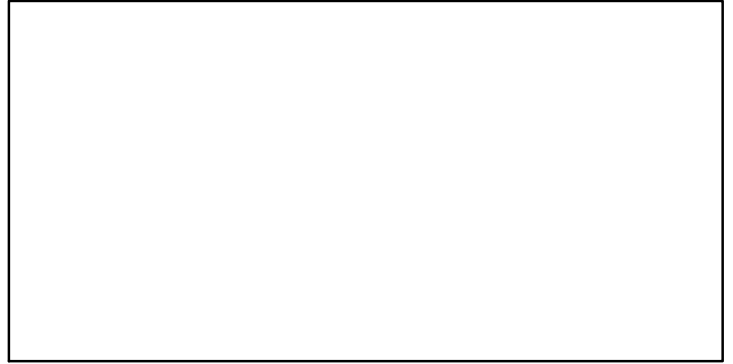
F-1/yr (2000-2016-ICESIMP2018)



ER*



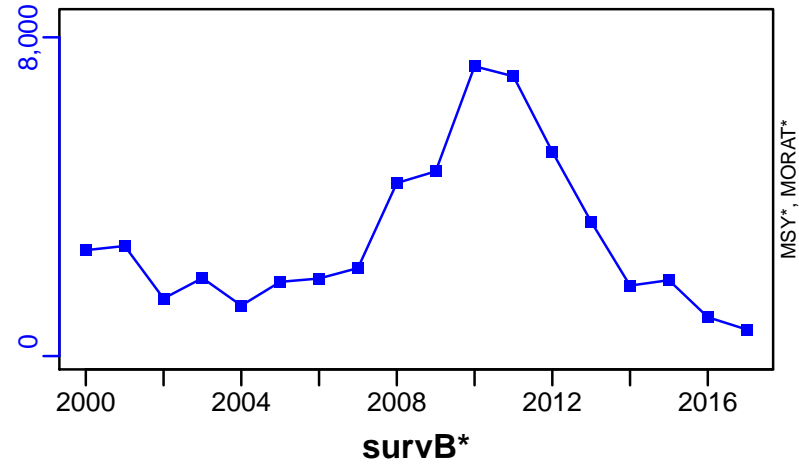
Recruits*



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

TC-MT, TL*, RecC* (2000-2017-ICESIMP2018)

TAC*, Cpair*, Cadv*



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

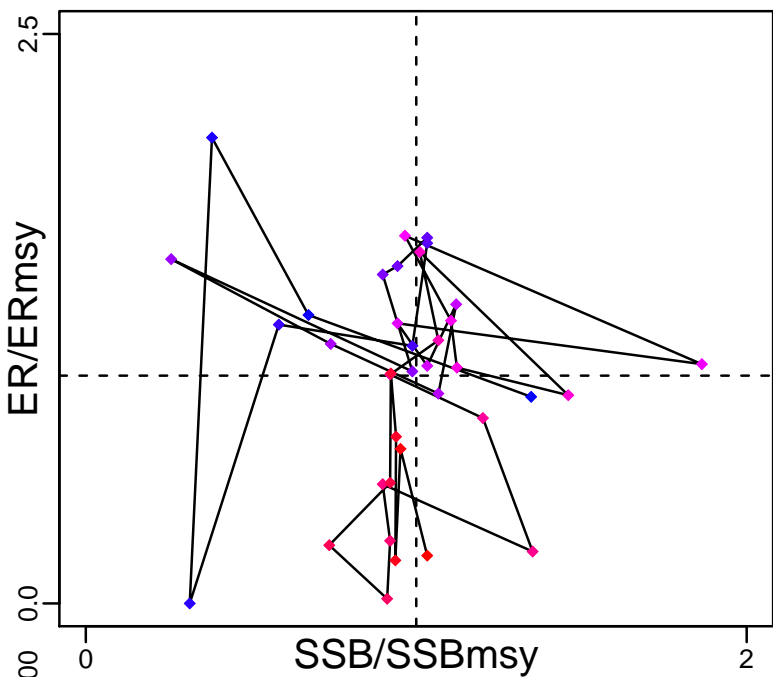
Metadata	
Scientific Name	Mallotus villosus
Current Assess ID	NWWG-CAPElla-V-XIV-1979-2017-ICESIMP2018
Area	ICES 2a-5-14
Management Authority	International Council for the Exploration of the Sea
Assessor	North-Western Working Group
Asmts in RAM	2010, 2014, 2016, 2015, 2017

Reference Points			
Type	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	SSBmsy-est-MT	2016	445,194
Fmsy	-	-	-
ERmsy	ERmsy-est-ratio	2016	0.737
TBmgt	-	-	-
SSBmgt	SSBmgt-MT	2017	150,000
Fmgt	-	-	-
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	MSY-est-MT	2016	801,670
M	-	-	-
TBlim	-	-	-
SSBlim	SSBlim-MT	2017	150,000
Flim	-	-	-
ERlim	-	-	-

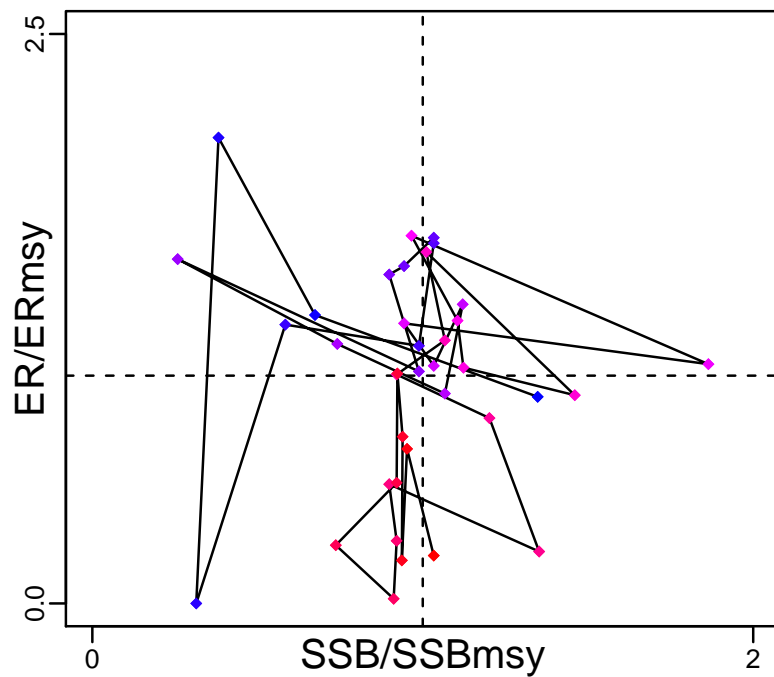
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	-	-	-	-	-
SSB	SSB-MT	2017	355,000	Both	-
TN	-	-	-	-	-
R	R-E00	2016	5.4×10^9	-	1
F	-	-	-	-	-
ER	ER-calc-ratio	2017	0.412	-	-
TC	TC-MT	2017	3×10^5		
TL	TL-MT	2017	3×10^5		
TB/TBmsy	-	-	-		
SSB/SSBmsy	SSB-MT/SSBmsy-est-MT	2016	0.683		
F/Fmsy	-	-	-		
ER/ERmsy	ER-calc-ratio/ERmsy-est-ratio	2016	0.21		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2017	2.367		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

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

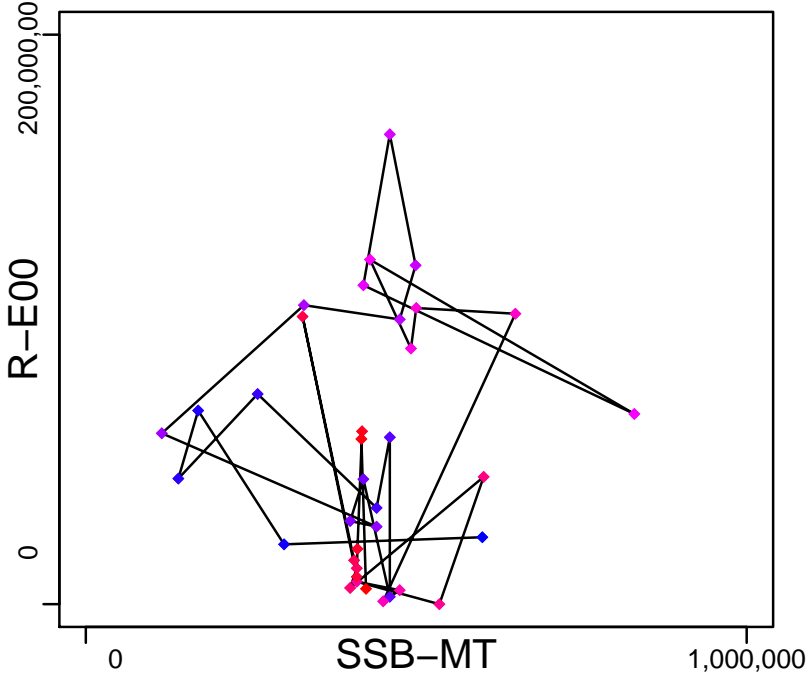
Kobe MSYpref (1978-2016-ICESIMP2016)



Kobe MGTpref (1978-2016-ICESIMP2016)



Spawner Recruit (1978-2016-ICESIMP2016)



Production*



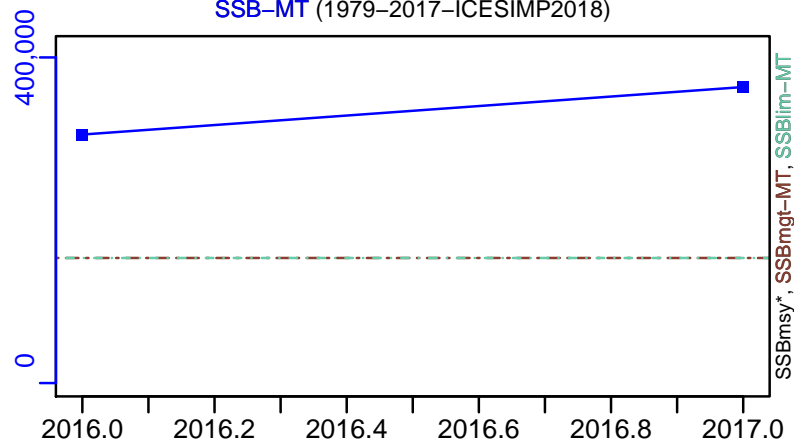
◆ Start Year ◆ End Year * No Data

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

TB*



SSB-MT (1979-2017-ICESIMP2018)



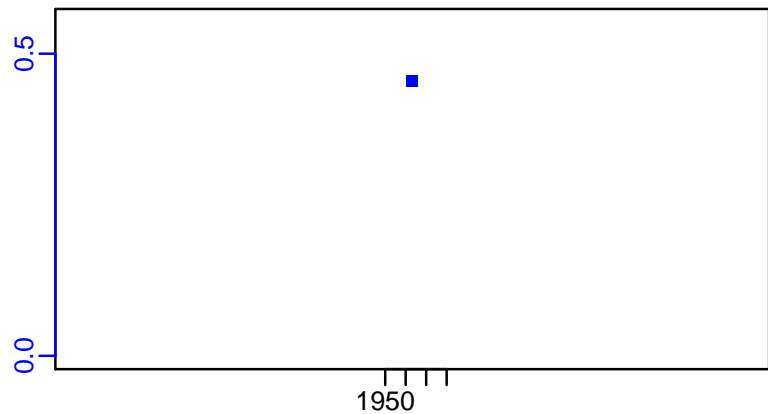
TN *



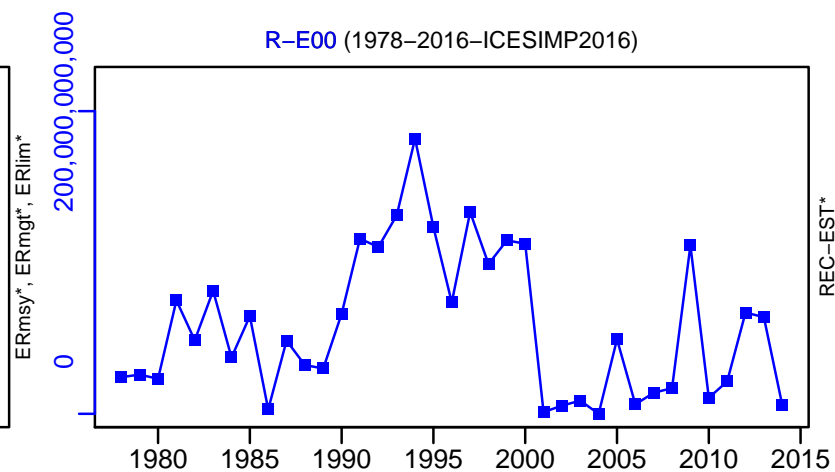
F*



ER-calc-ratio (1979-2017-ICESIMP2018)

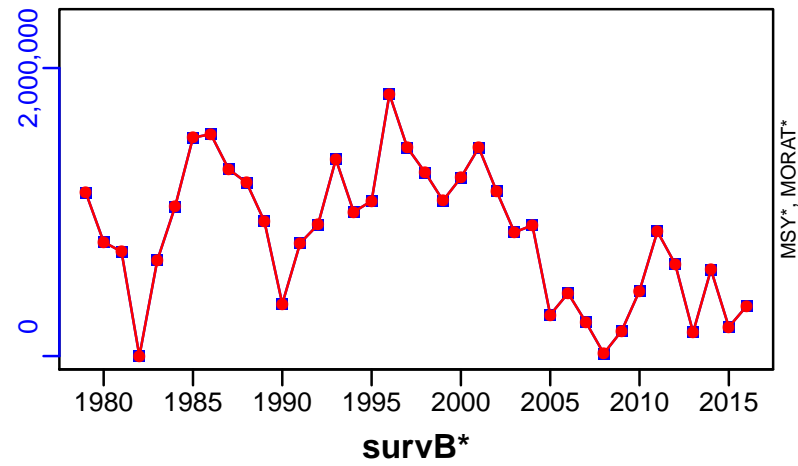


R-E00 (1978-2016-ICESIMP2016)



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

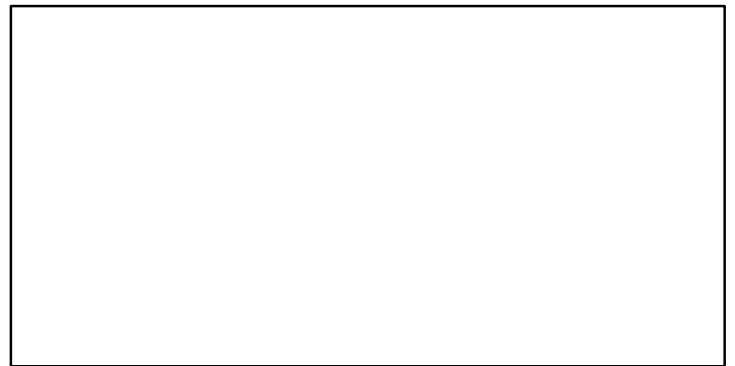
TC-MT, TL-MT, RecC* (1979-2017-ICESIMP2018)



TAC*, Cpair*, Cadv*



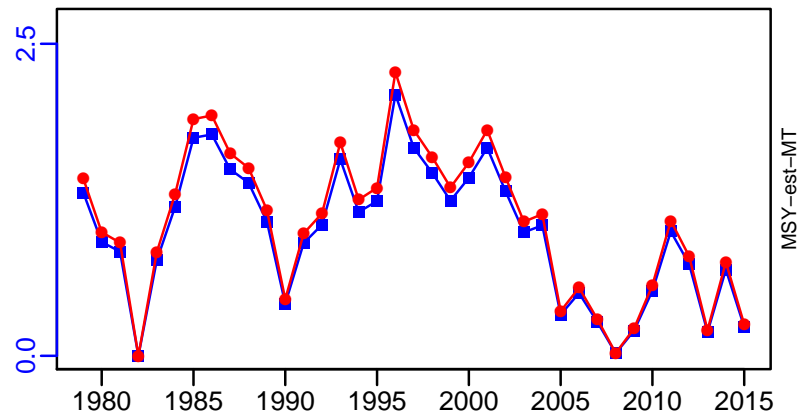
CPUE*



EFFORT*



TL-MT/MSY-est-MT, CdivMEANC-ratio, (1978-2016-ICESIMP2016)



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

Capelin Barents Sea [CAPENOR]

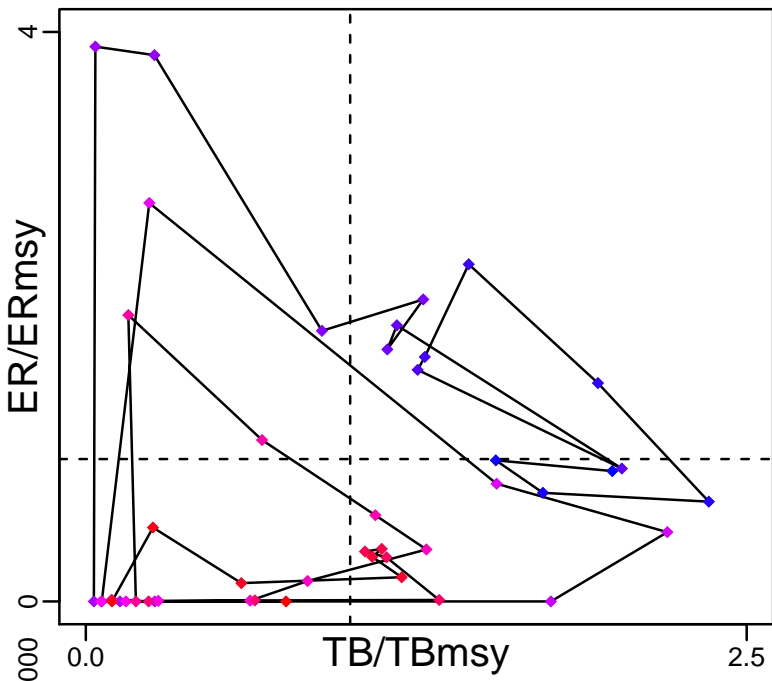
Metadata	
Scientific Name	Mallotus villosus
Current Assess ID	AFWG-CAPENOR-1972-2017-ICESIMP2018
Area	Barents Sea
Management Authority	International Council for the Exploration of the Sea
Assessor	Arctic Fisheries Working Group
Asmts in RAM	2007, 2016, 2017

Reference Points			
Type	ID	Asmt Year	Value
TBmsy	TBmsy-est-MT	2017	3,313,895
SSBmsy	-	-	-
Fmsy	-	-	-
ERmsy	ERmsy-est-ratio	2017	0.263
TBmgt	-	-	-
SSBmgt	-	-	-
Fmgt	-	-	-
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	MSY-est-MT	2017	871,678
M	-	-	-
TBlim	-	-	-
SSBlim	SSBlim-MT	2017	2×10^5
Flim	-	-	-
ERlim	-	-	-

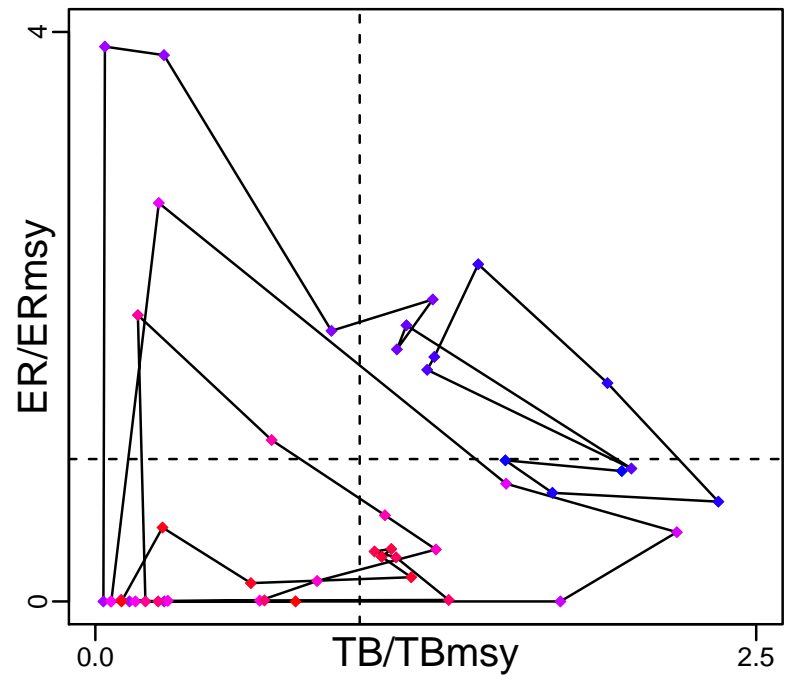
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	TB-MT	2017	2,510,000	Both	-
SSB	SSB-MT	2017	1,720,000	Both	-
TN	-	-	-	-	-
R	R-E00	2016	3.2×10^{10}	-	1
F	-	-	-	-	-
ER	ER-calc-ratio	2017	0	-	-
TC	-	-	-	-	-
TL	TL-MT	2017	0	-	-
TB/TBmsy	TB-MT/TBmsy-est-MT	2017	0.757	-	-
SSB/SSBmsy	-	-	-	-	-
F/Fmsy	-	-	-	-	-
ER/ERmsy	ER-calc-ratio/ERmsy-est-ratio	2017	0	-	-
TB/TBmgt	-	-	-	-	-
SSB/SSBmgt	-	-	-	-	-
F/Fmgt	-	-	-	-	-
ER/ERmgt	-	-	-	-	-

Capelin Barents Sea [CAPENOR]

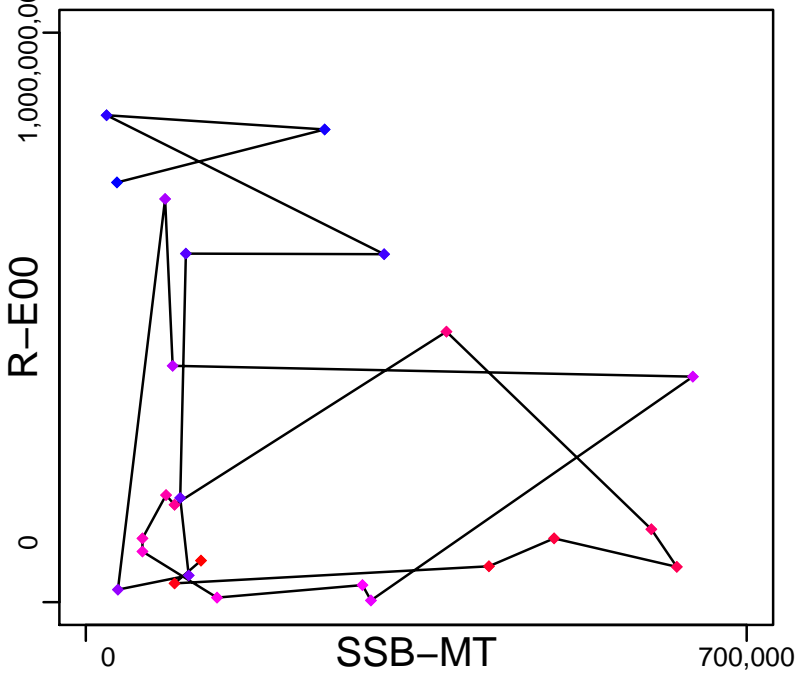
Kobe MSYpref (1972–2017–ICESIMP2018)



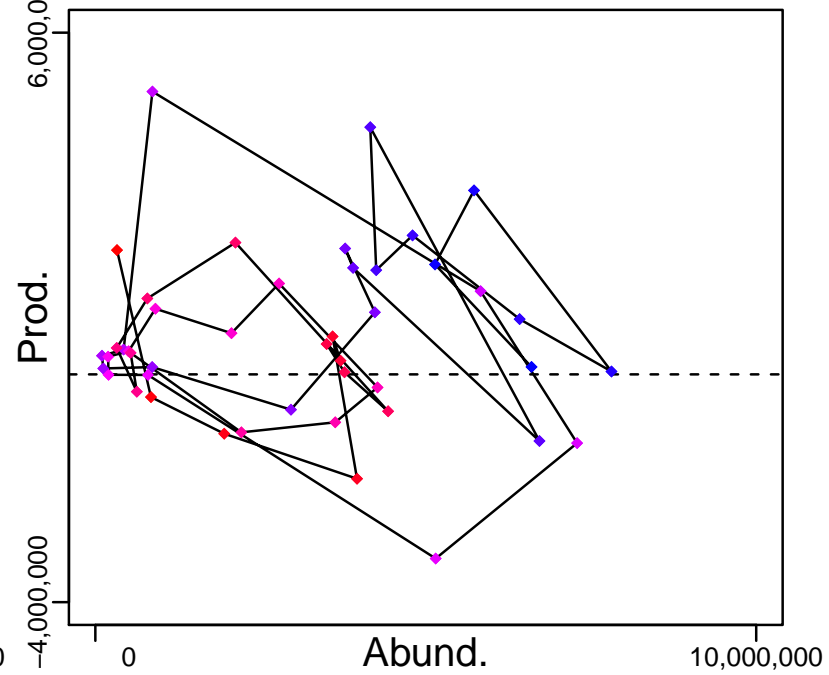
Kobe MGTpref (1972–2017–ICESIMP2018)



Spawner Recruit (1965–2007–MINTO)



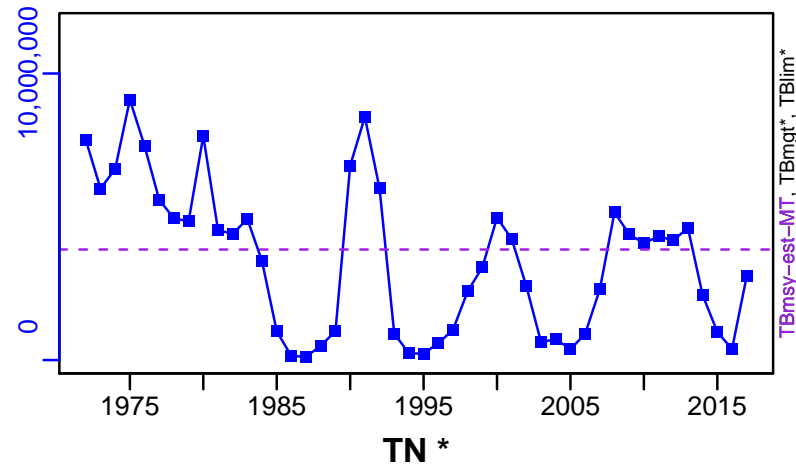
Production (1972–2017–ICESIMP2018)



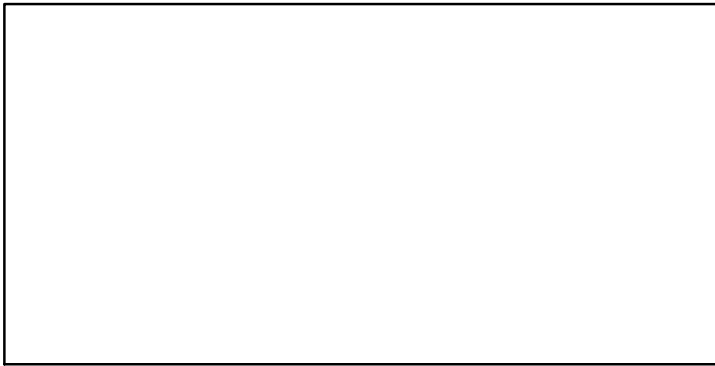
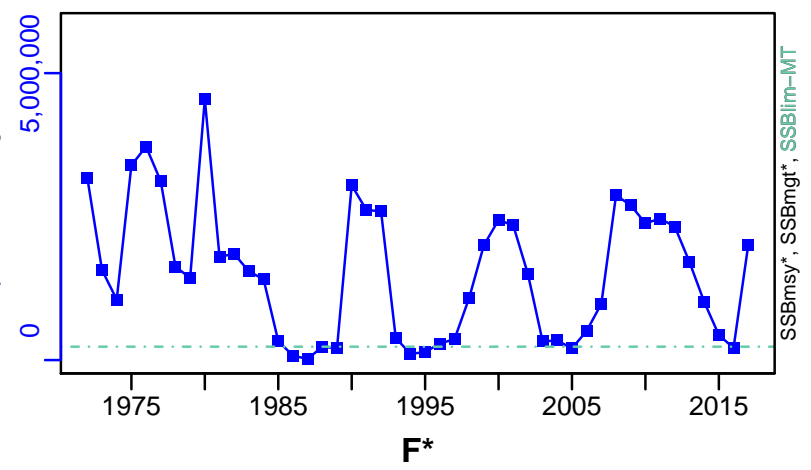
◆ Start Year ◆ End Year * No Data

Capelin Barents Sea [CAPENOR]

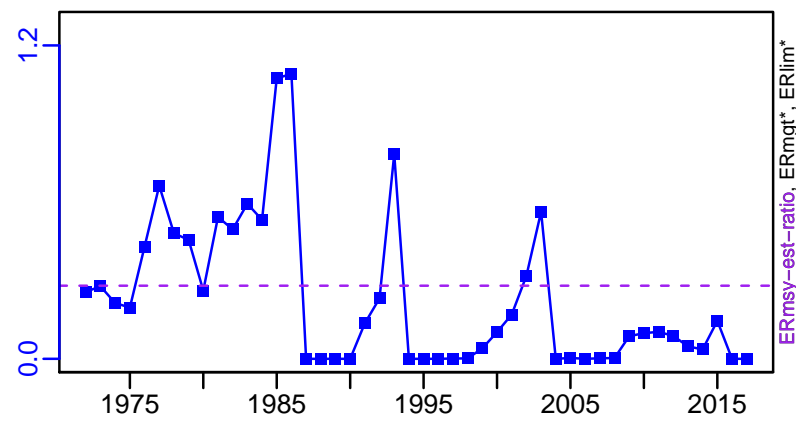
TB-MT (1972–2017–ICESIMP2018)



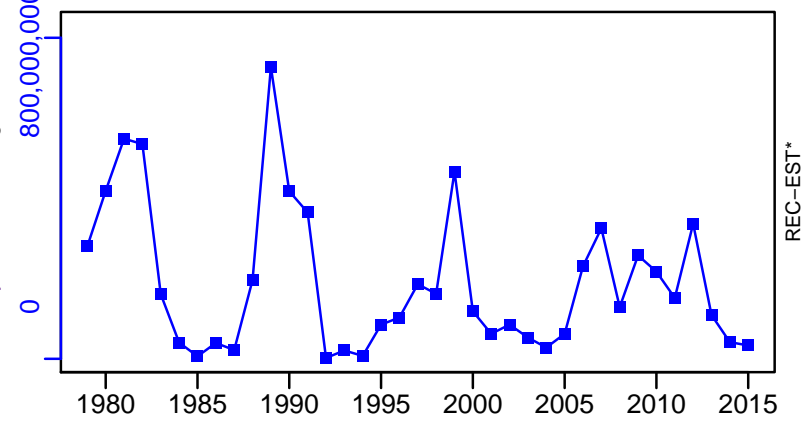
SSB-MT (1972–2017–ICESIMP2018)



ER-calc-ratio (1972–2017–ICESIMP2018)

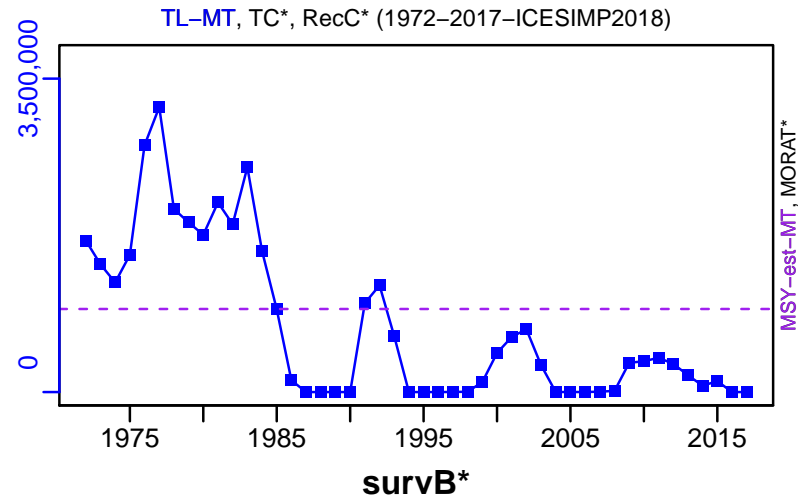


R-E00 (1972–2016–ICESIMP2018)



Capelin Barents Sea [CAPENOR]

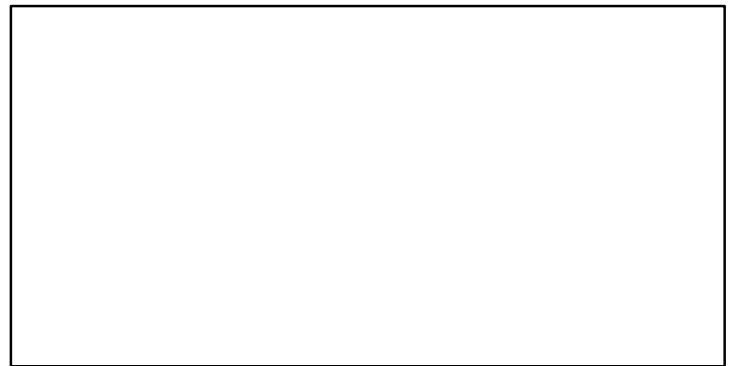
TL-MT, TC*, RecC* (1972-2017-ICESIMP2018)



TAC*, Cpair*, Cadv*



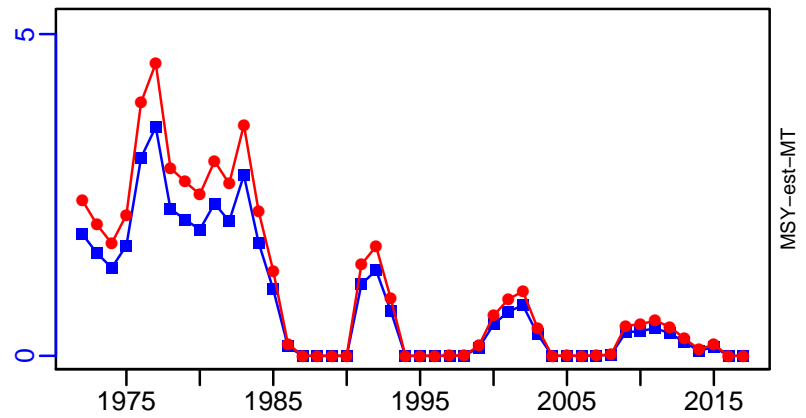
CPUE*



EFFORT*



TL-MT/MSY-est-MT, CdivMEANC-ratio, (1972-2017-ICESIMP2018)



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

Atlantic cod NAFO 1f and ICES 14 [COD1f-XIV]

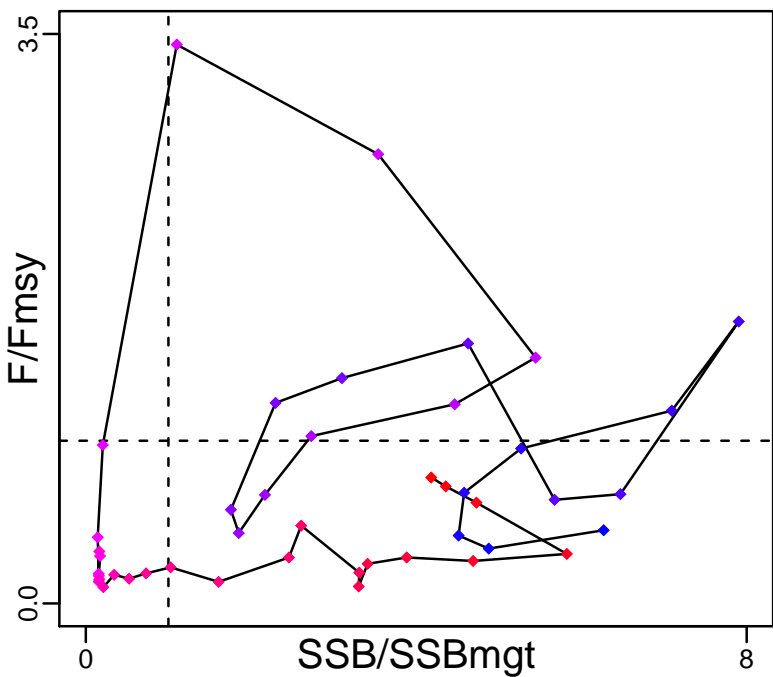
Metadata	
Scientific Name	Gadus morhua
Current Assess ID	NWWG-COD1f-XIV-1972-2018-ICESIMP2018
Area	NAFO 1f and ICES 14
Management Authority	International Council for the Exploration of the Sea
Assessor	North-Western Working Group
Asmts in RAM	2015, 2016, 2018

Reference Points			
Type	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	-	-	-
Fmsy	Fmsy-1/yr	2018	0.46
ERmsy	-	-	-
TBmgt	-	-	-
SSBmgt	SSBmgt-MT	2018	14,803
Fmgt	Fmgt-1/yr	2018	1.33
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	-	-	-
M	-	-	-
TBlim	-	-	-
SSBlim	SSBlim-MT	2018	10,354
Flim	Flim-1/yr	2018	2.34
ERlim	-	-	-

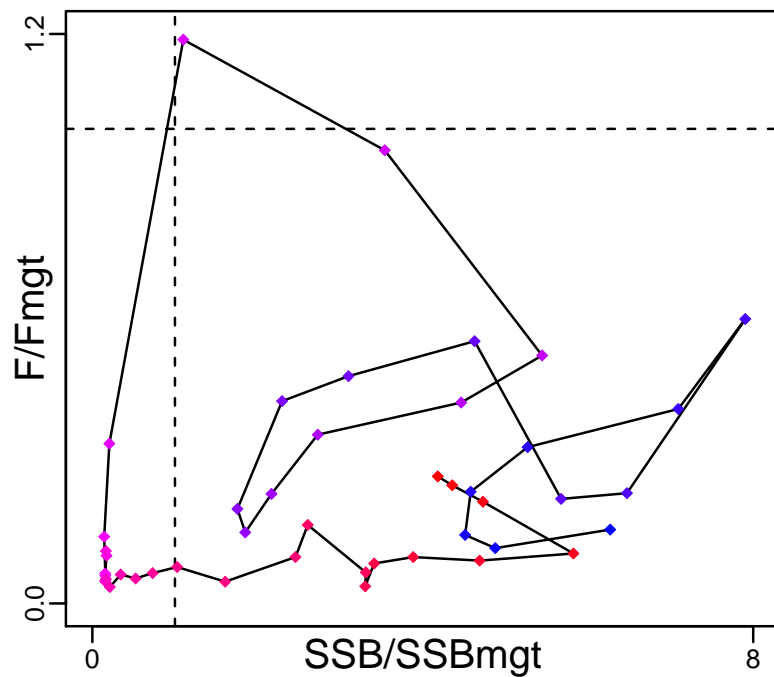
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	TB-MT	2018	81,200	Both	-
SSB	SSB-MT	2018	40,600	Both	-
TN	-	-	-	-	-
R	R-E00	2018	3,480,000	-	1
F	F-1/yr	2018	0.356	-	5 to 10
ER	ER-calc-ratio	2018	0.201	-	-
TC	TC-MT	2016	14,800		
TL	TL-MT	2018	16,300		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	F-1/yr/Fmsy-1/yr	2018	0.774		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2018	2.743		
F/Fmgt	F-1/yr/Fmgt-1/yr	2018	0.268		
ER/ERmgt	-	-	-		

Atlantic cod NAFO 1f and ICES 14 [COD1f-XIV]

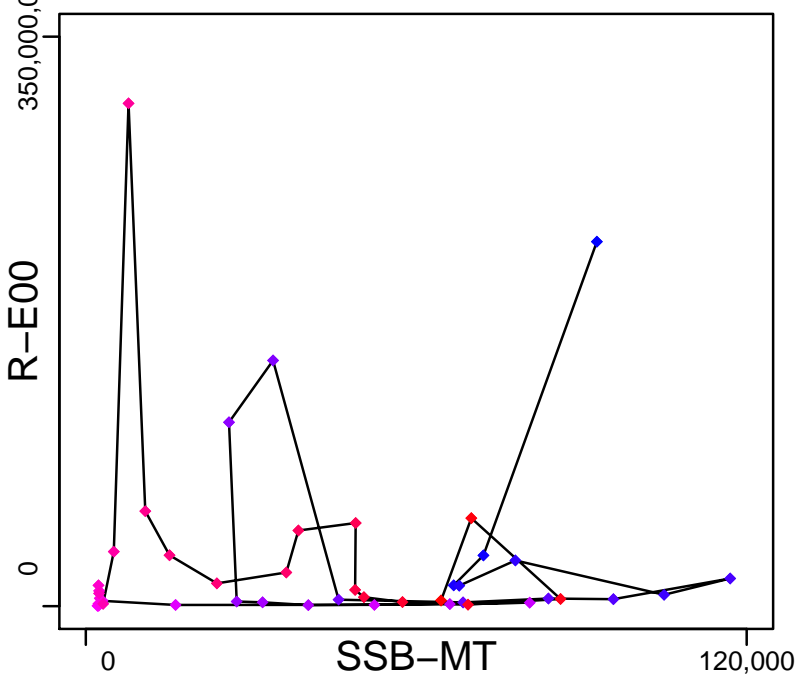
Kobe MSYpref (1972–2018–ICESIMP2018)



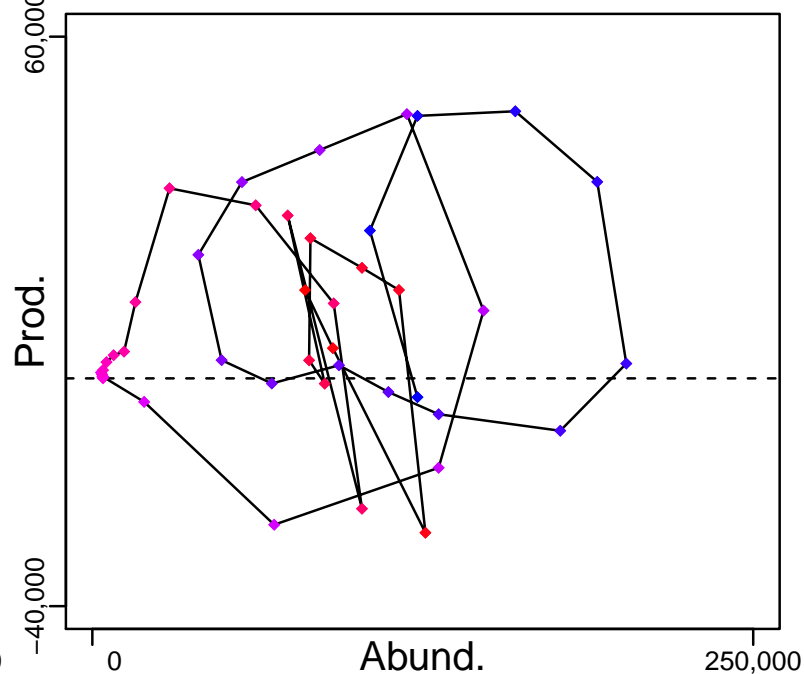
Kobe MGTpref (1972–2018–ICESIMP2018)



Spawner Recruit (1972–2018–ICESIMP2018)



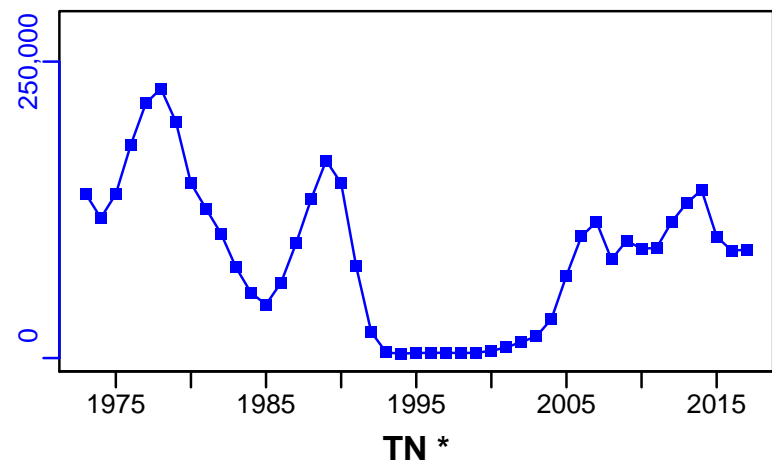
Production (1972–2018–ICESIMP2018)



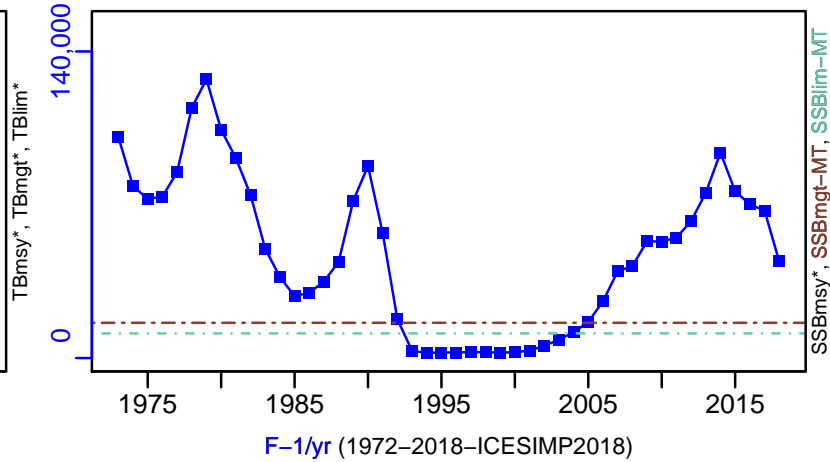
◆ Start Year ◆ End Year * No Data

Atlantic cod NAFO 1f and ICES 14 [COD1f-XIV]

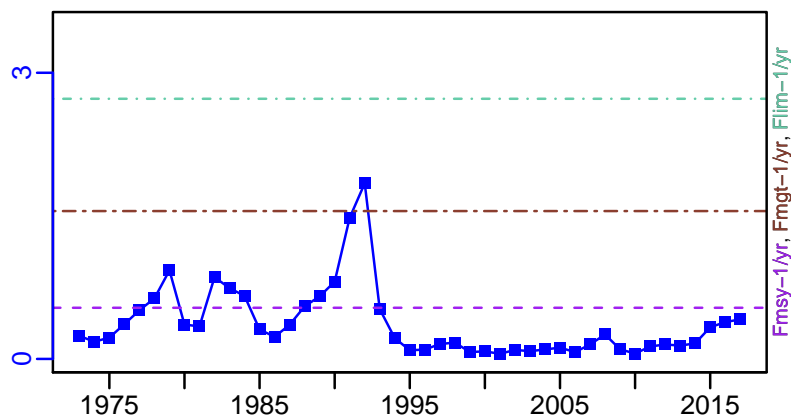
TB-MT (1972-2018-ICESIMP2018)



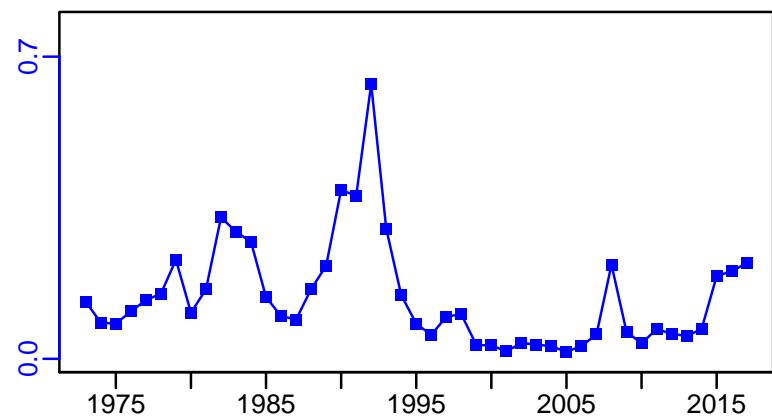
SSB-MT (1972-2018-ICESIMP2018)



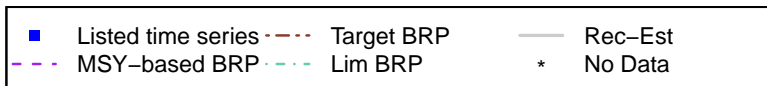
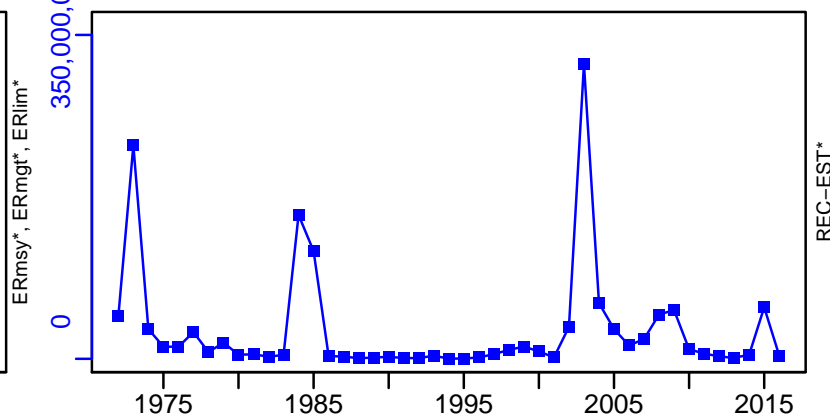
F-1/yr (1972-2018-ICESIMP2018)



ER-calc-ratio (1972-2018-ICESIMP2018)

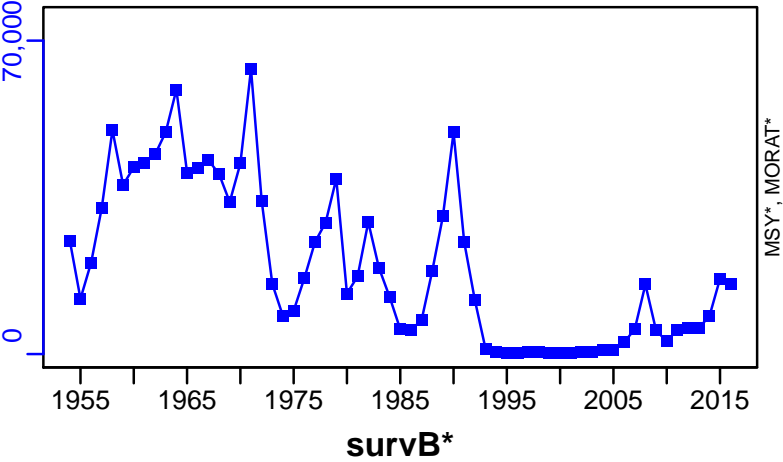


R-E00 (1972-2018-ICESIMP2018)



Atlantic cod NAFO 1f and ICES 14 [COD1f-XIV]

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



TAC*, Cpair*, Cadv*



CPUE*



EFFORT*



CdivMSY*



Atlantic cod Faroe Bank [CODFABNK]

Metadata	
Scientific Name	Gadus morhua
Current Assess ID	NWWG-CODFABNK-1965-2016-ICESIMP2016
Area	Faroe Bank
Management Authority	International Council for the Exploration of the Sea
Assessor	North-Western Working Group
Asmts in RAM	2016

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	2016	17		
TL	TL-MT	2016	17		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

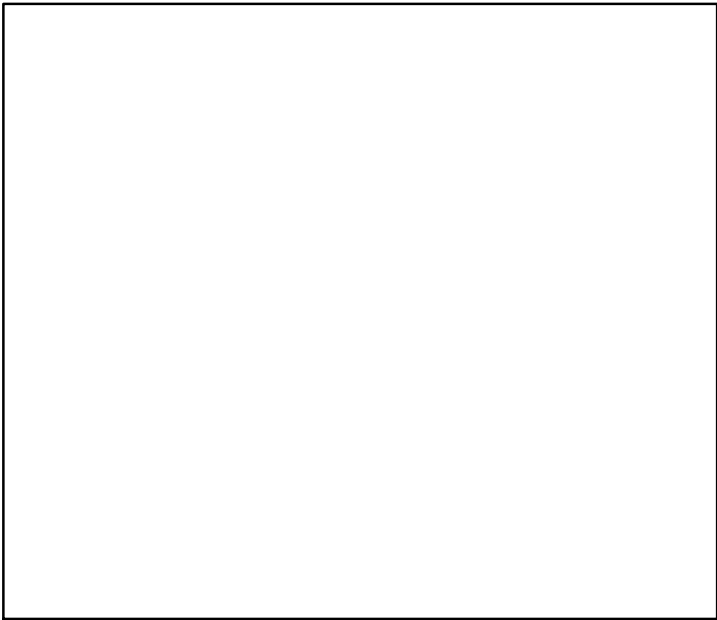
Kobe MSY*



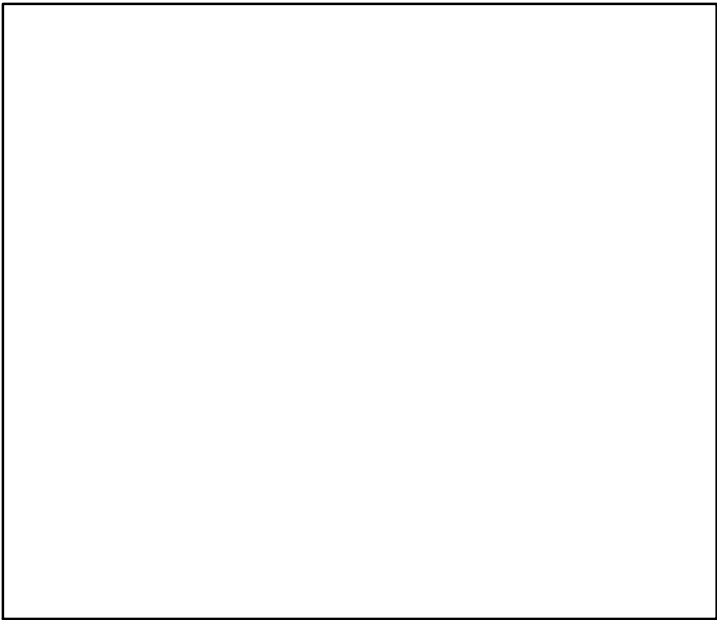
Kobe MGT*



Spawner Recruit*



Production*



◆ Start Year ◆ End Year * No Data

Atlantic cod Faroe Bank [CODFABNK]

TB*



SSB*



TN *



F*



ER*



Recruits*



■

Listed time series

Target BRP

—

Rec-Est

MSY-based BRP

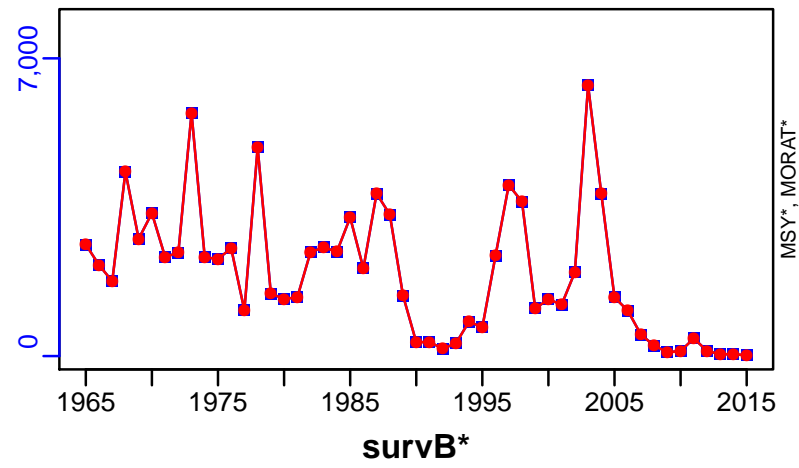
Lim BRP

*

No Data

Atlantic cod Faroe Bank [CODFABNK]

TC-MT, TL-MT, RecC* (1965–2016–ICESIMP2016)



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]

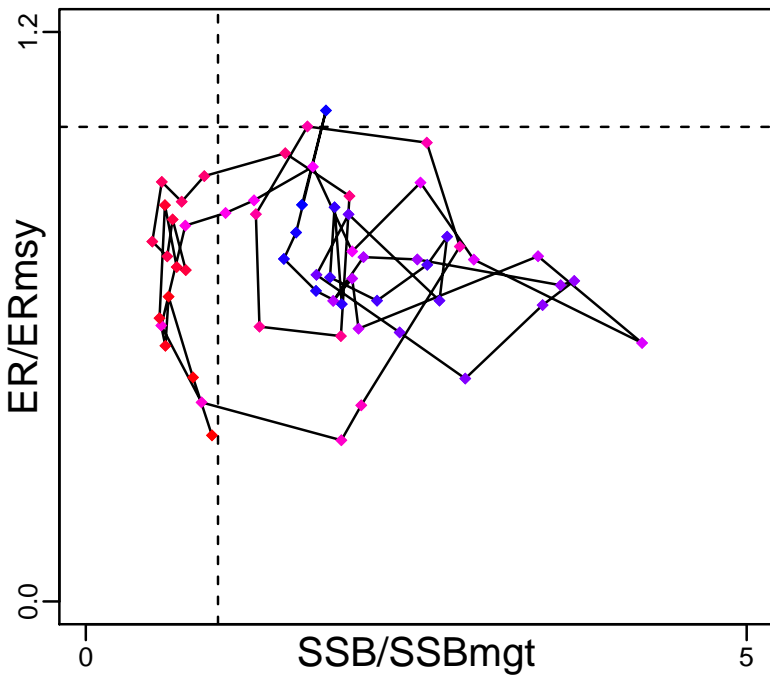
Metadata	
Scientific Name	Gadus morhua
Current Assess ID	NWWG-CODFAPL-1958-2018-ICESIMP2018
Area	Faroe Plateau
Management Authority	International Council for the Exploration of the Sea
Assessor	North-Western Working Group
Asmts in RAM	2015, 2016, 2017, 2018, 2012, 2013, 2014

Reference Points			
Type	ID	Asmt Year	Value
TBmsy	TBmsy-est-MT	2012	100,596
SSBmsy	-	-	-
Fmsy	Fmsy-1/yr	2017	0.23
ERmsy	ERmsy-est-ratio	2018	0.409
TBmgt	-	-	-
SSBmgt	SSBmgt-MT	2018	29,226
Fmgt	Fmgt-1/yr	2017	0.23
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	MSY-est-MT	2012	26,004
M	-	-	-
TBlim	-	-	-
SSBlim	SSBlim-MT	2018	21,000
Flim	Flim-1/yr	2017	0.9
ERlim	-	-	-

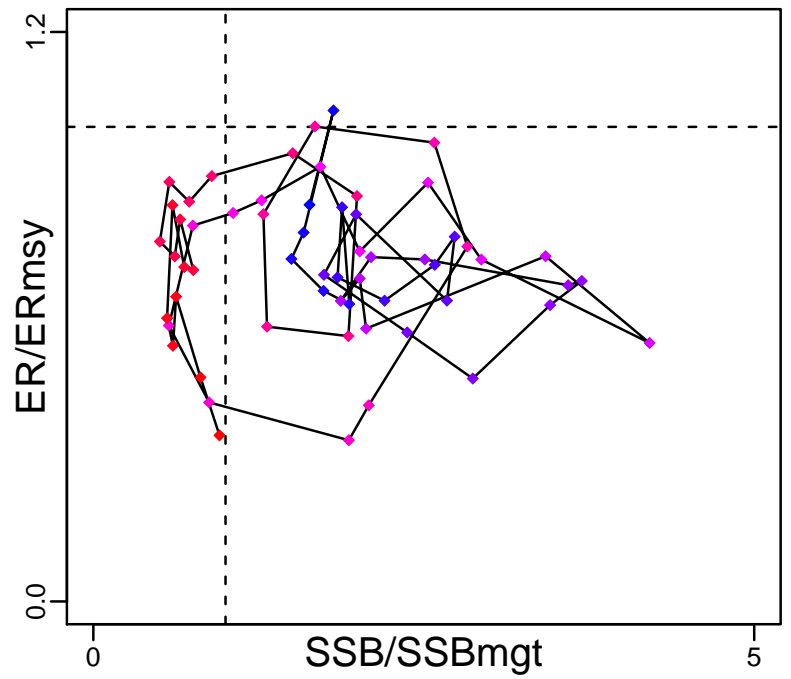
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	TB-MT	2018	64,500	Both	-
SSB	SSB-MT	2018	35,000	Both	-
TN	-	-	-	-	-
R	R-E00	2018	32,700,000	-	1
F	F-1/yr	2017	0.44	-	3 to 7
ER	ER-calc-ratio	2018	0.143	-	-
TC	TC-MT	2018	5370		
TL	TL-MT	2018	5370		
TB/TBmsy	TB-MT/TBmsy-est-MT	2012	0.366		
SSB/SSBmsy	-	-	-		
F/Fmsy	F-1/yr/Fmsy-1/yr	2017	1.913		
ER/ERmsy	ER-calc-ratio/ERmsy-est-ratio	2018	0.35		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2018	1.198		
F/Fmgt	F-1/yr/Fmgt-1/yr	2017	1.913		
ER/ERmgt	-	-	-		

Atlantic cod Faroe Plateau [CODFAPL]

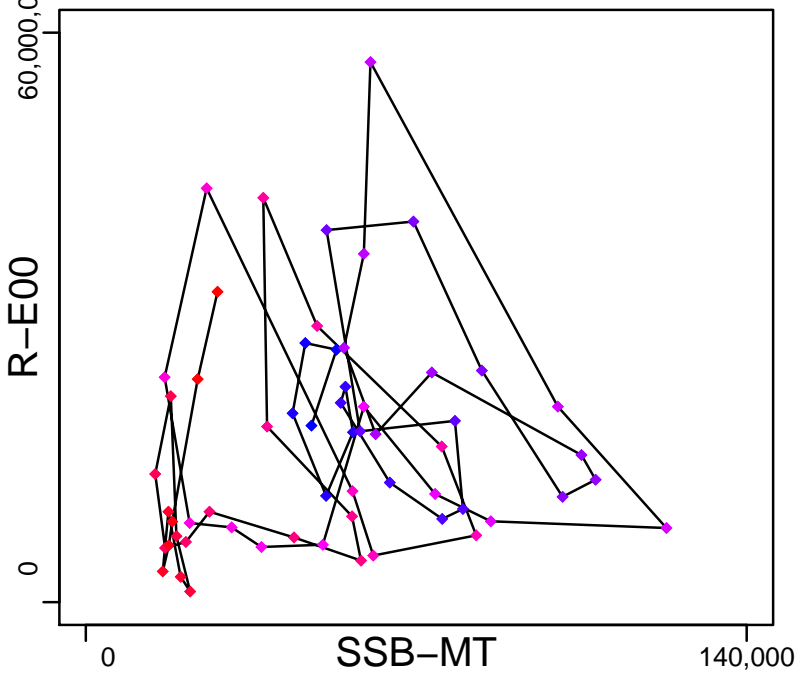
Kobe MSYpref (1958–2018–ICESIMP2018)



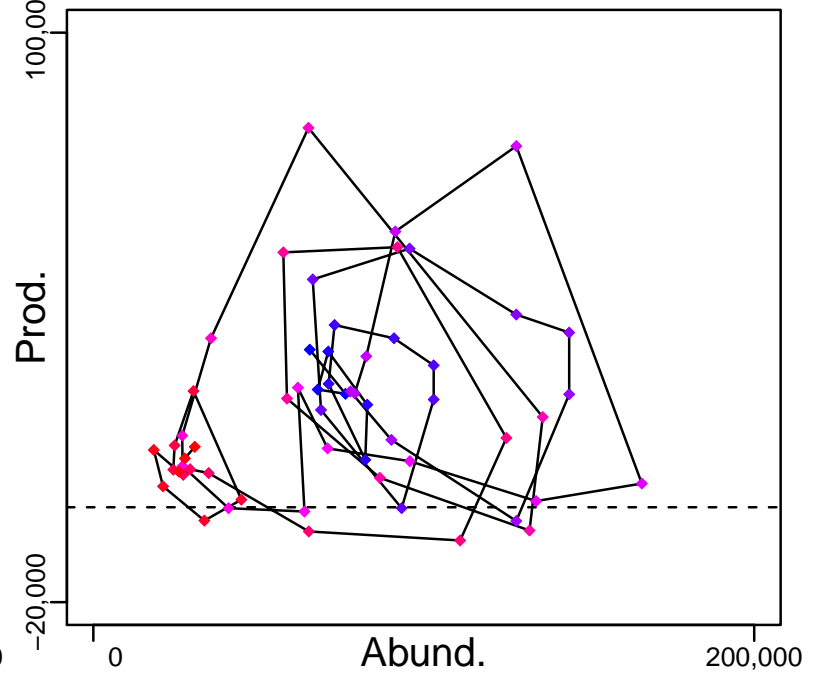
Kobe MGTpref (1958–2018–ICESIMP2018)



Spawner Recruit (1958–2018–ICESIMP2018)



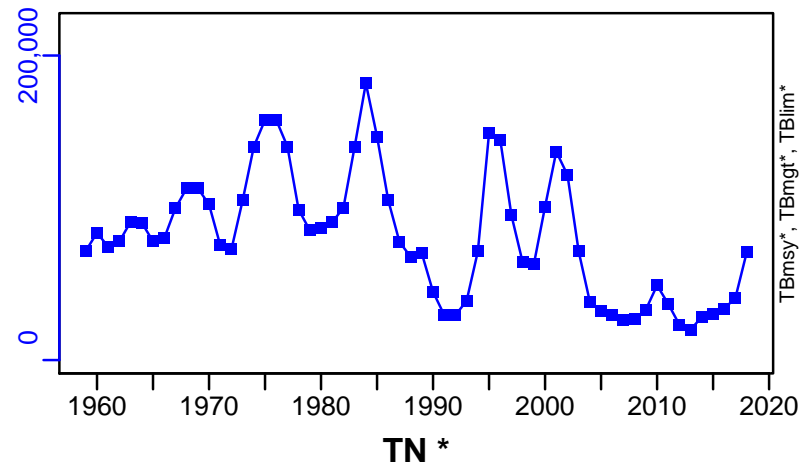
Production (1958–2018–ICESIMP2018)



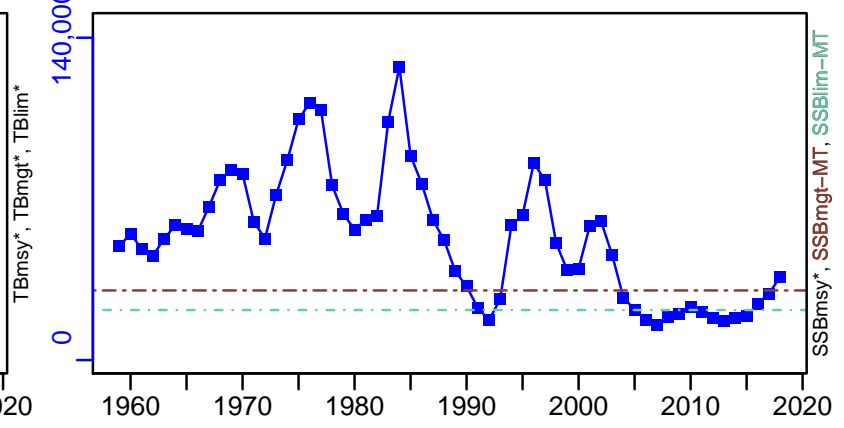
◆ Start Year ◆ End Year * No Data

Atlantic cod Faroe Plateau [CODFAPL]

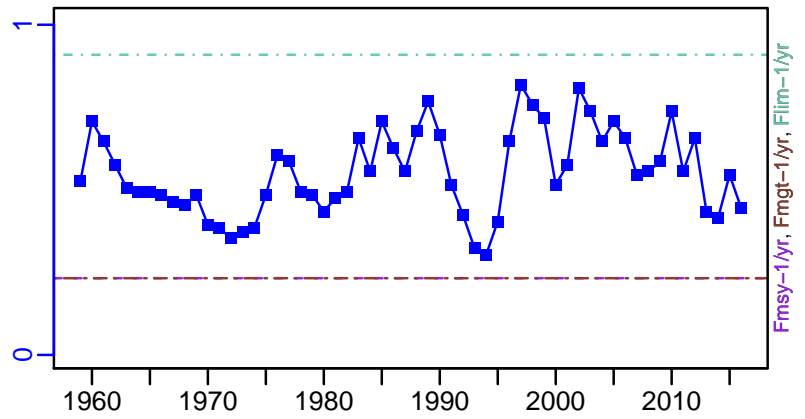
TB-MT (1958–2018–ICESIMP2018)



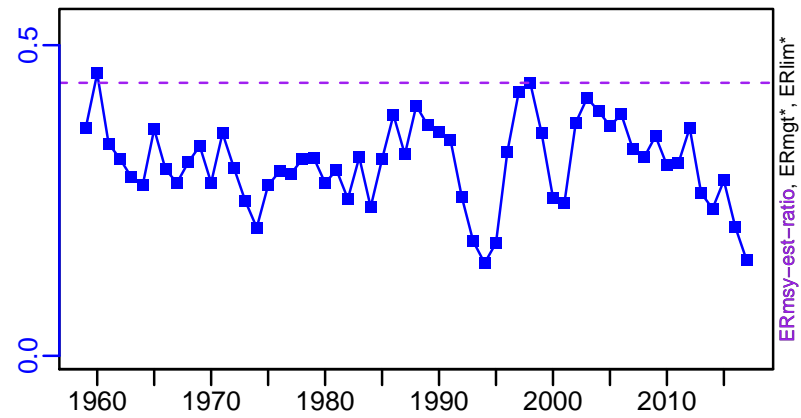
SSB-MT (1958–2018–ICESIMP2018)



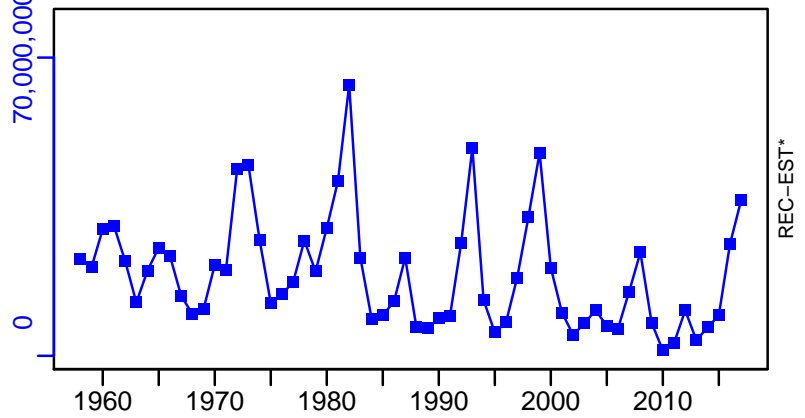
F-1/yr (1958–2017–ICESIMP2018)



ER-calc-ratio (1958–2018–ICESIMP2018)

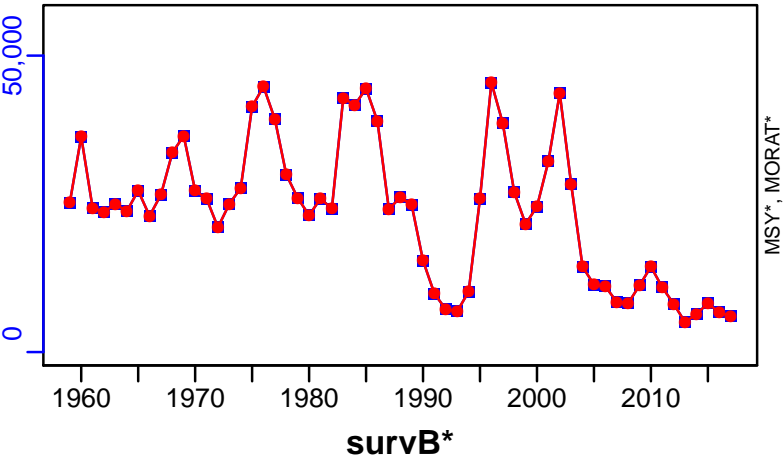


R-E00 (1958–2018–ICESIMP2018)



Atlantic cod Faroe Plateau [CODFAPL]

TC-MT, TL-MT, RecC* (1958–2018–ICESIMP2018)



TAC*, Cpair*, Cadv*



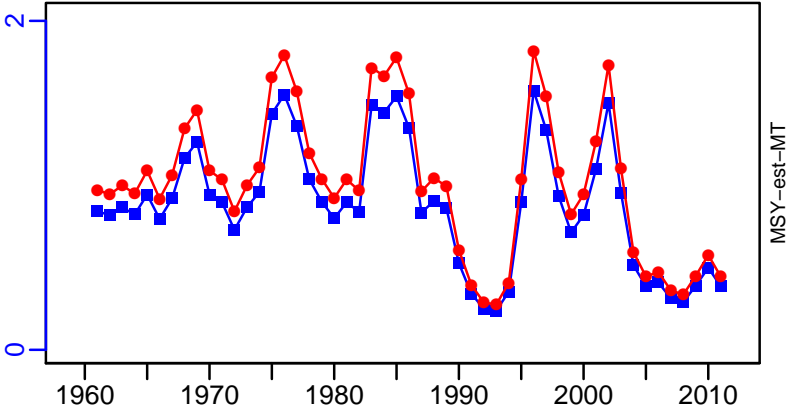
CPUE*



EFFORT*



TL-MT/MSY-est-MT, CdivMEANC-ratio, (1959–2012–CHING)



Atlantic cod Iceland Grounds [CODICE]

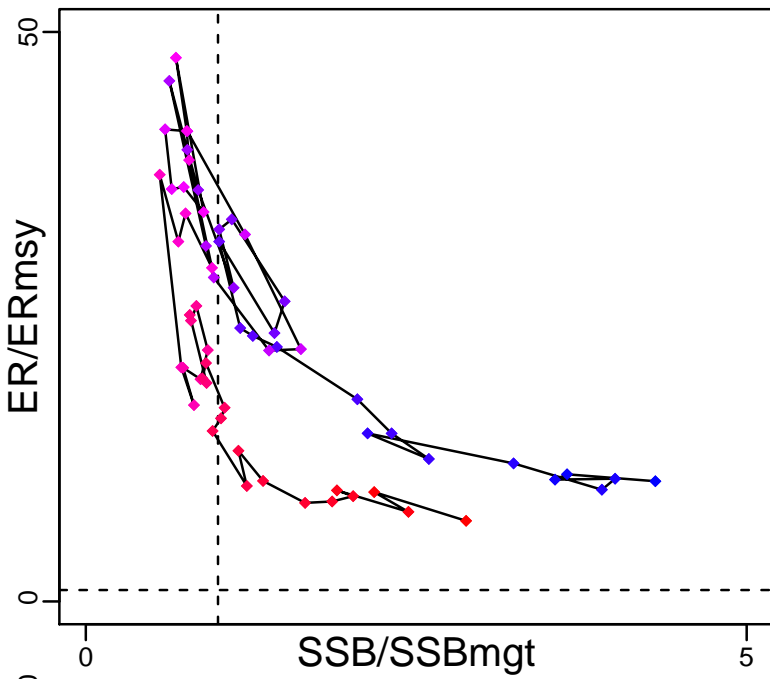
Metadata	
Scientific Name	Gadus morhua
Current Assess ID	NWWG-CODICE-1952-2018-ICESIMP2018
Area	Iceland Grounds
Management Authority	International Council for the Exploration of the Sea
Assessor	North-Western Working Group
Asmts in RAM	2012, 2013, 2014, 2015, 2016, 2017, 2018

Reference Points			
Type	ID	Asmt Year	Value
TBmsy	TBmsy-est-MT	2012	1,529,811
SSBmsy	-	-	-
Fmsy	-	-	-
ERmsy	ERmsy-est-ratio	2018	0.035
TBmgt	-	-	-
SSBmgt	SSBmgt-MT	2018	220,000
Fmgt	Fmgt-1/yr	2014	0.2
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	MSY-est-MT	2012	359,258
M	-	-	-
TBlim	TBlim-MT	2012	125,000
SSBlim	SSBlim-MT	2018	125,000
Flim	Flim-1/yr	2018	0.74
ERlim	-	-	-

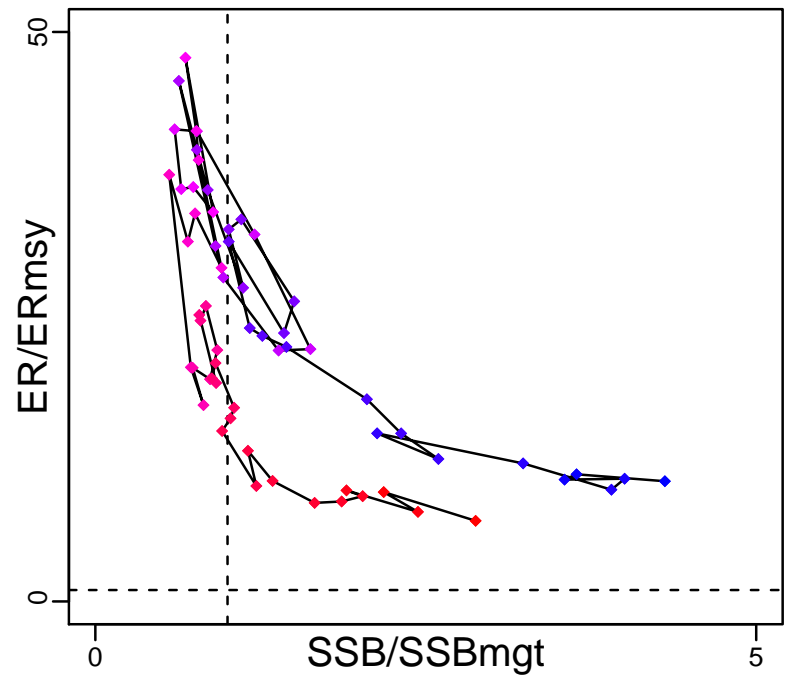
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	TB-MT	2014	1,160,000	Both	-
SSB	SSB-MT	2018	652,000	Both	-
TN	-	-	-	-	-
R	R-E00	2018	1.58×10^8	-	3
F	F-1/yr	2018	0.26	-	-
ER	ER-calc-ratio	2018	0.248	-	-
TC	TC-MT	2018	244,000		
TL	TL-MT	2018	244,000		
TB/TBmsy	TB-MT/TBmsy-est-MT	2012	0.699		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	ER-calc-ratio/ERmsy-est-ratio	2018	7.077		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2018	2.964		
F/Fmgt	F-1/yr/Fmgt-1/yr	2014	1.5		
ER/ERmgt	-	-	-		

Atlantic cod Iceland Grounds [CODICE]

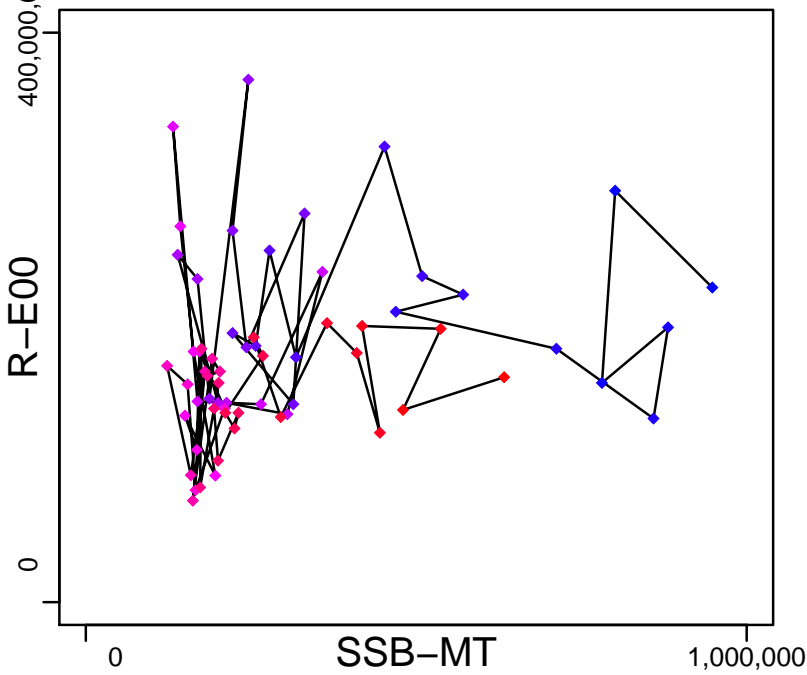
Kobe MSYpref (1952–2018–ICESIMP2018)



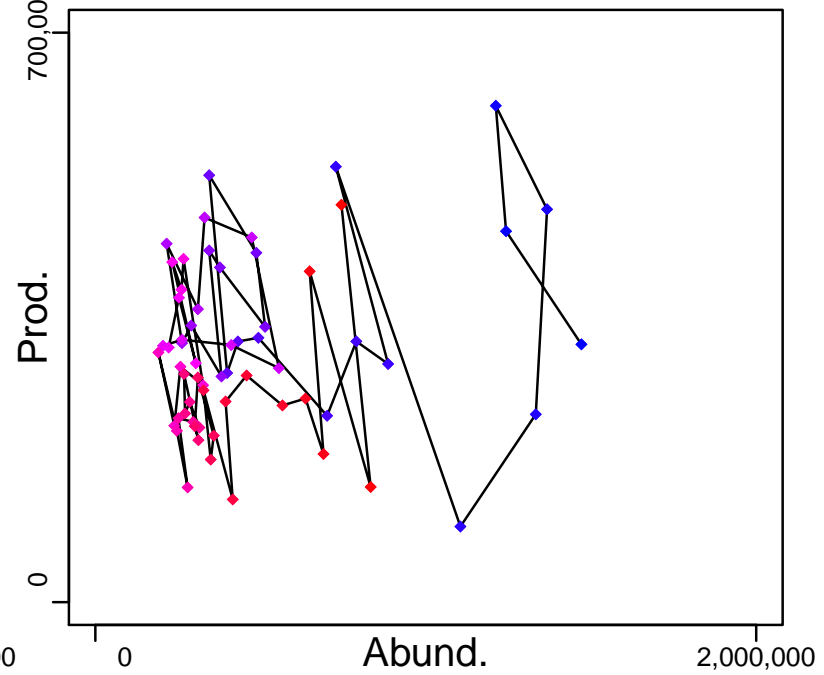
Kobe MGTpref (1952–2018–ICESIMP2018)



Spawner Recruit (1952–2018–ICESIMP2018)



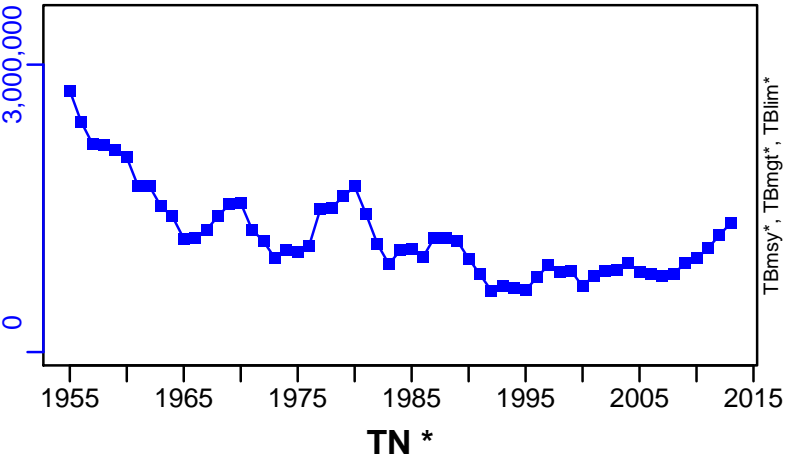
Production (1952–2018–ICESIMP2018)



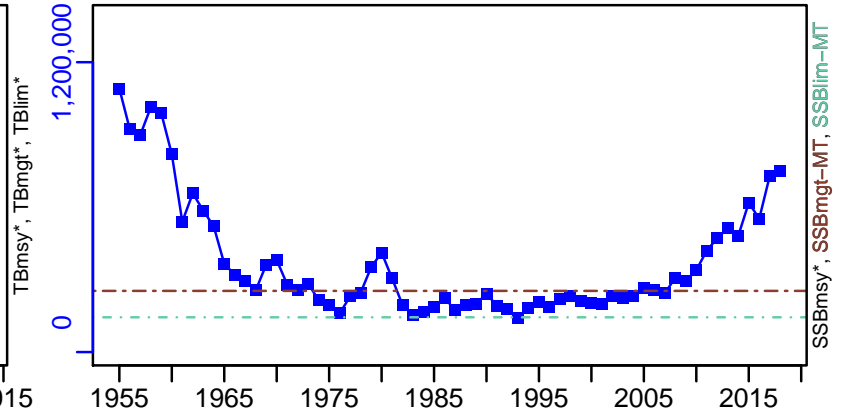
◆ Start Year ◆ End Year * No Data

Atlantic cod Iceland Grounds [CODICE]

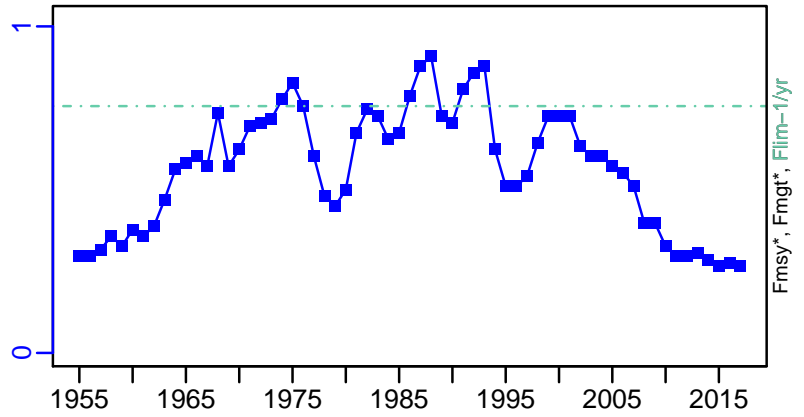
TB-MT (1952–2014–ICESIMP2016)



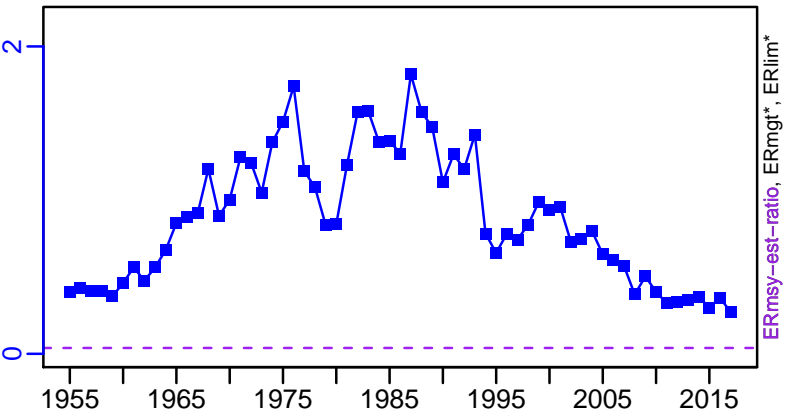
SSB-MT (1952–2018–ICESIMP2018)



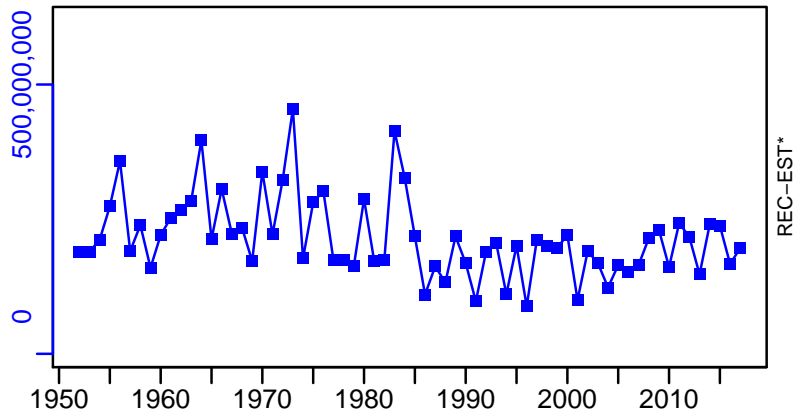
F-1/yr (1952–2018–ICESIMP2018)



ER-calc-ratio (1952–2018–ICESIMP2018)



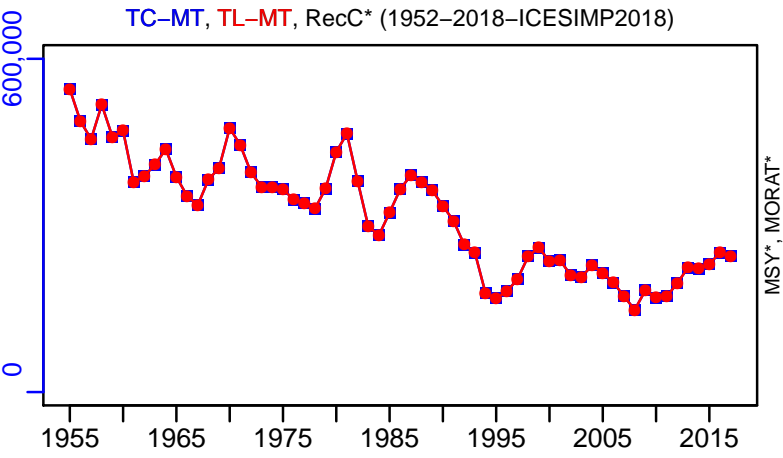
R-E00 (1952–2018–ICESIMP2018)



Atlantic cod Iceland Grounds [CODICE]

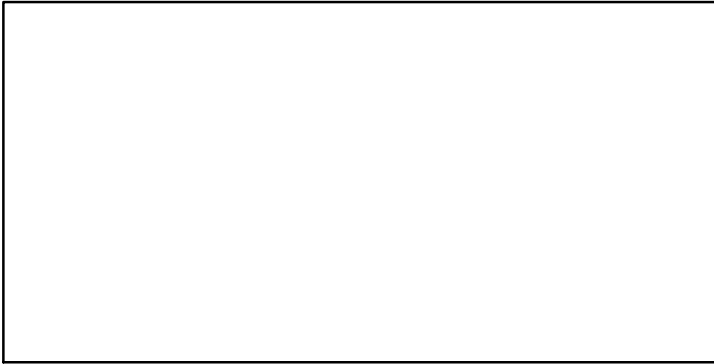
TC-MT, TL-MT, RecC* (1952–2018–ICESIMP2018)

TAC*, Cpair*, Cadv*



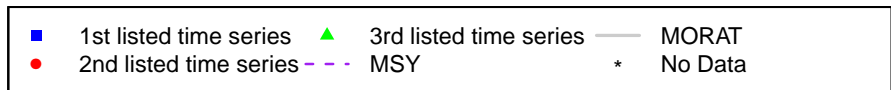
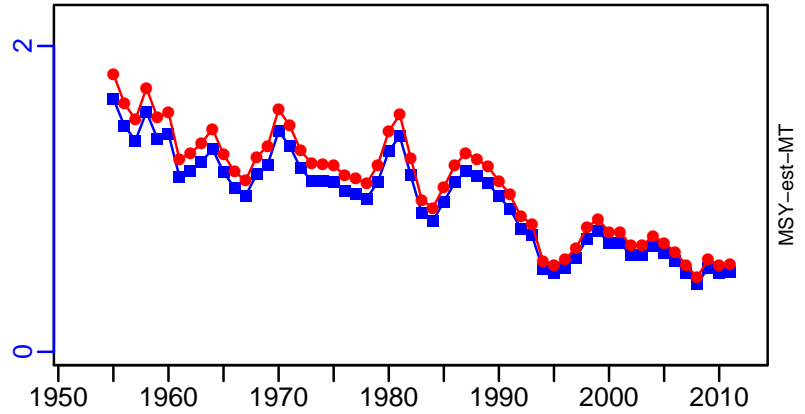
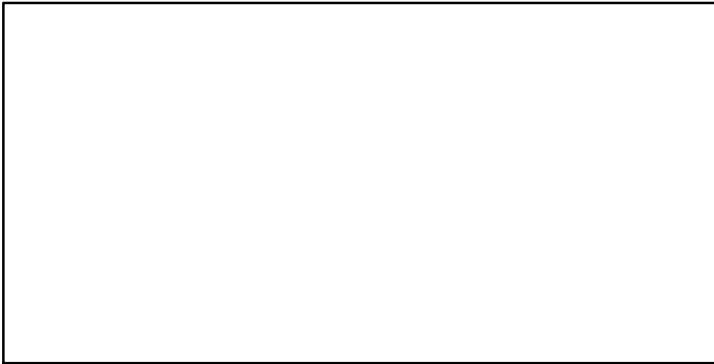
survB*

CPUE*



EFFORT*

TL-MT/MSY-est-MT, CdivMEANC-ratio, (1952–2012–CHING)



Atlantic cod North-East Arctic [CODNEAR]

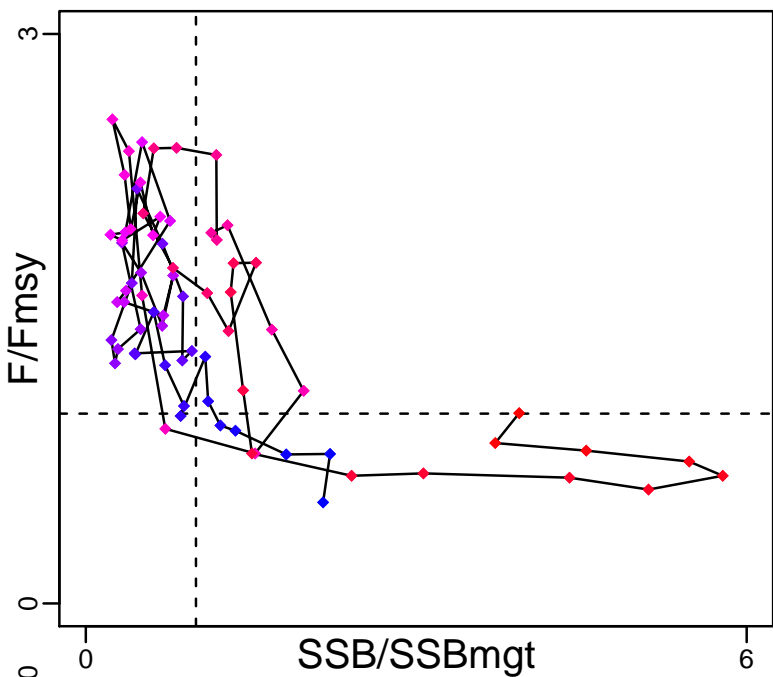
Metadata	
Scientific Name	Gadus morhua
Current Assess ID	AFWG-CODNEAR-1943-2018-ICESIMP2018
Area	North-East Arctic
Management Authority	International Council for the Exploration of the Sea
Assessor	Arctic Fisheries Working Group
Asmts in RAM	2013, 2014, 2015, 2016, 2017, 2018, 2011

Reference Points			
Type	ID	Asmt Year	Value
TBmsy	TBmsy-est-MT	2011	2,576,475
SSBmsy	-	-	-
Fmsy	Fmsy-1/yr	2018	0.4
ERmsy	ERmsy-est-ratio	2018	0.159
TBmgt	-	-	-
SSBmgt	SSBmgt-MT	2018	460,000
Fmgt	Fmgt-1/yr	2018	0.4
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	MSY-est-MT	2011	758,785
M	-	-	-
TBlim	-	-	-
SSBlim	SSBlim-MT	2018	220,000
Flim	Flim-1/yr	2018	0.74
ERlim	-	-	-

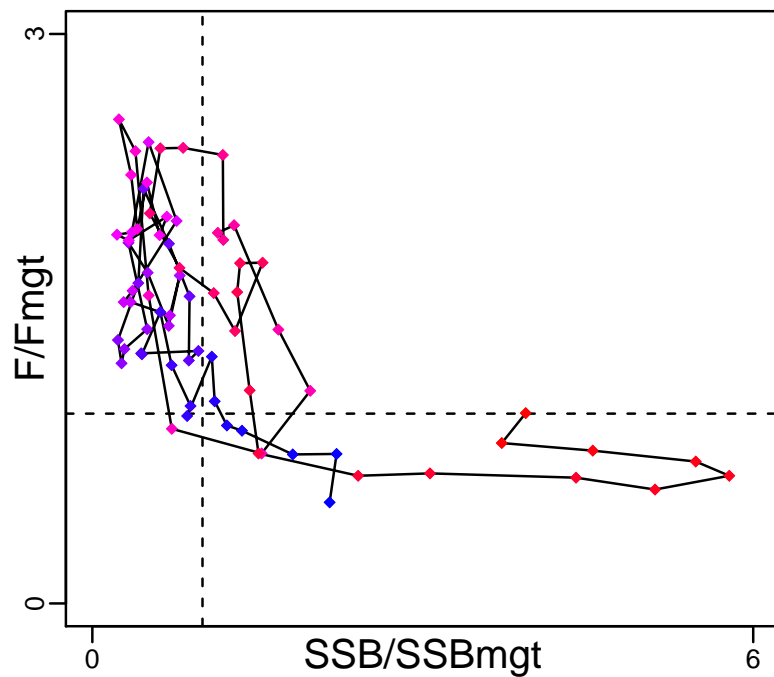
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	TB-MT	2018	2,620,000	Both	-
SSB	SSB-MT	2018	1,490,000	Both	-
TN	-	-	-	-	-
R	R-E00	2018	6.91×10^8	-	3
F	F-1/yr	2018	0.401	-	5 to 10
ER	ER-calc-ratio	2018	0.286	-	-
TC	TC-MT	2018	868,000		
TL	TL-MT	2018	868,000		
TB/TBmsy	TB-MT/TBmsy-est-MT	2011	1.413		
SSB/SSBmsy	-	-	-		
F/Fmsy	F-1/yr/Fmsy-1/yr	2018	1.002		
ER/ERmsy	ER-calc-ratio/ERmsy-est-ratio	2018	1.792		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2018	3.239		
F/Fmgt	F-1/yr/Fmgt-1/yr	2018	1.002		
ER/ERmgt	-	-	-		

Atlantic cod North-East Arctic [CODNEAR]

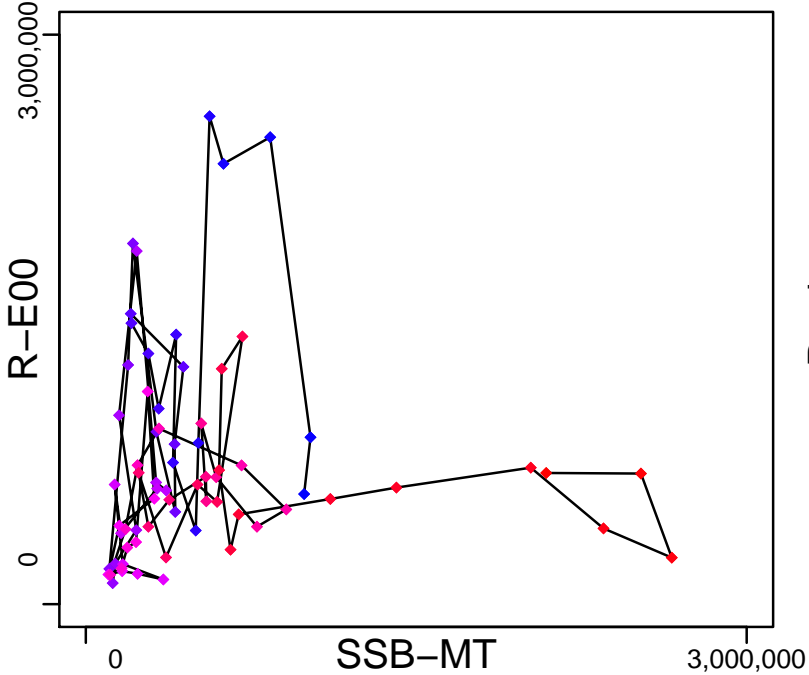
Kobe MSYpref (1943–2018–ICESIMP2018)



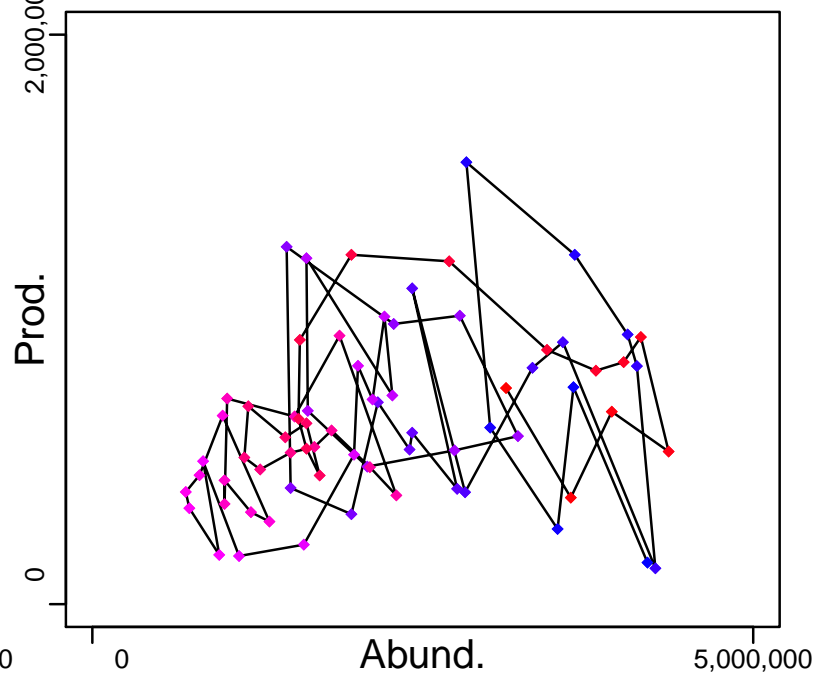
Kobe MGTpref (1943–2018–ICESIMP2018)



Spawner Recruit (1943–2018–ICESIMP2018)

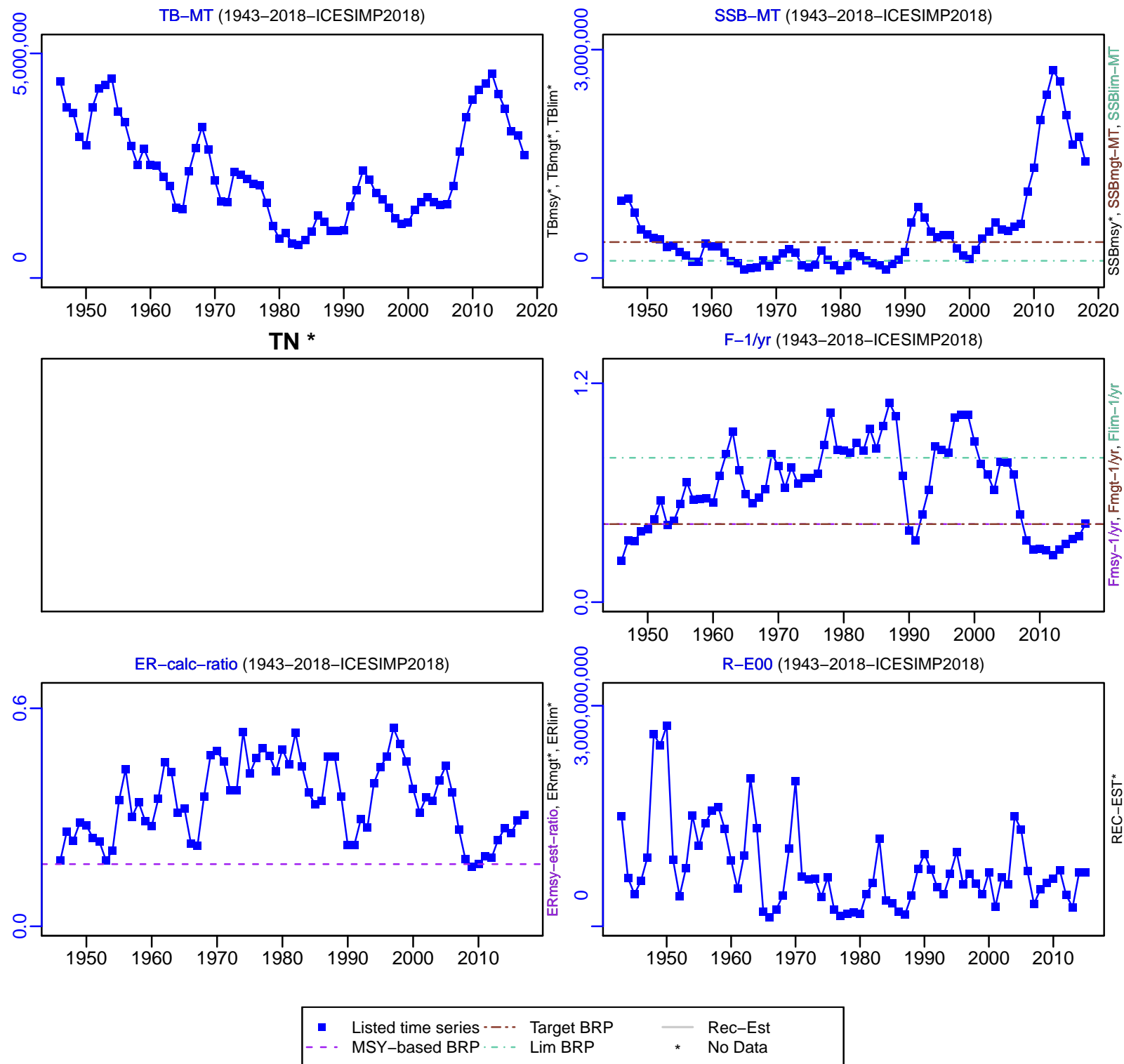


Production (1943–2018–ICESIMP2018)



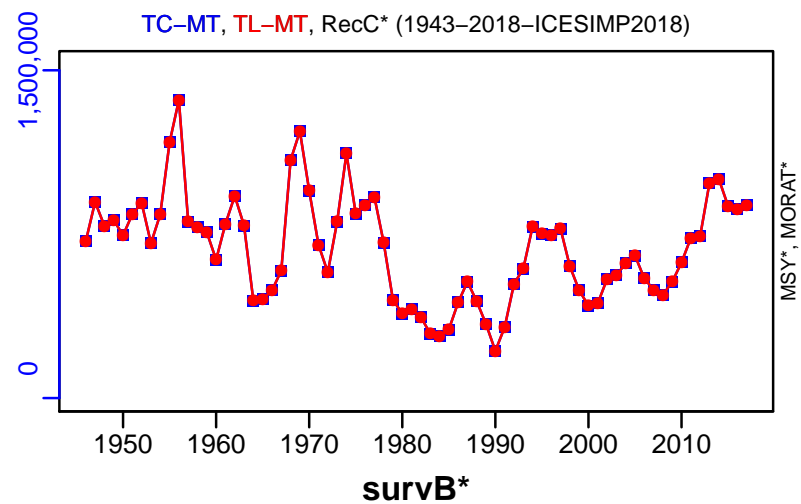
◆ Start Year ◆ End Year * No Data

Atlantic cod North-East Arctic [CODNEAR]



Atlantic cod North-East Arctic [CODNEAR]

TC-MT, TL-MT, RecC* (1943–2018–ICESIMP2018)



TAC*, Cpair*, Cadv*



survB*



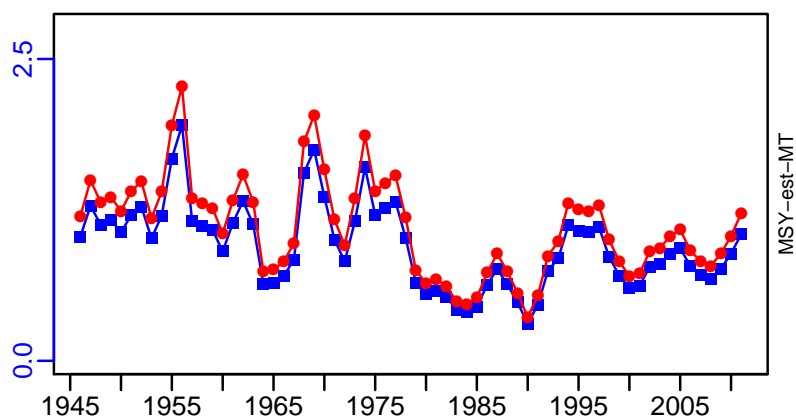
CPUE*



EFFORT*



TL-MT/MSY-est-MT, CdivMEANC-ratio, (1946–2011–CHING)



- 1st listed time series
- 2nd listed time series
- 3rd listed time series
- MSY
- MORAT
- No Data

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

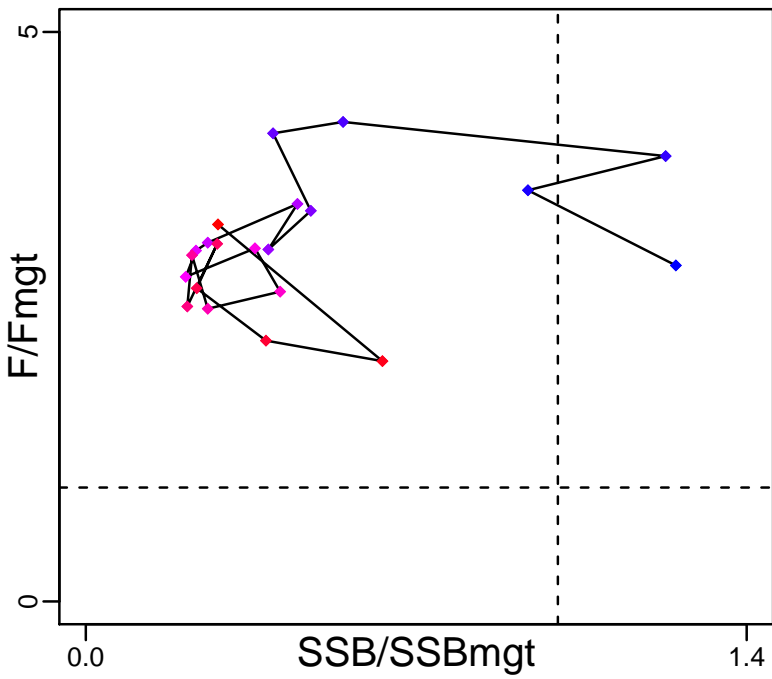
Metadata	
Scientific Name	Gadus morhua
Current Assess ID	AFWG-CODNEARNCW-1984-2017-ICESIMP2018
Area	North-East Arctic (Norwegian coastal waters)
Management Authority	International Council for the Exploration of the Sea
Assessor	Arctic Fisheries Working Group
Asmts in RAM	2016, 2016, 2017

Reference Points			
Type	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	-	-	-
Fmsy	-	-	-
ERmsy	ERmsy-est-ratio	2016	0.292
TBmgt	-	-	-
SSBmgt	SSBmgt-MT	2016	60,000
Fmgt	Fmgt-1/yr	2016	0.1
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	-	-	-
M	-	-	-
TBlim	-	-	-
SSBlim	-	-	-
Flim	-	-	-
ERlim	-	-	-

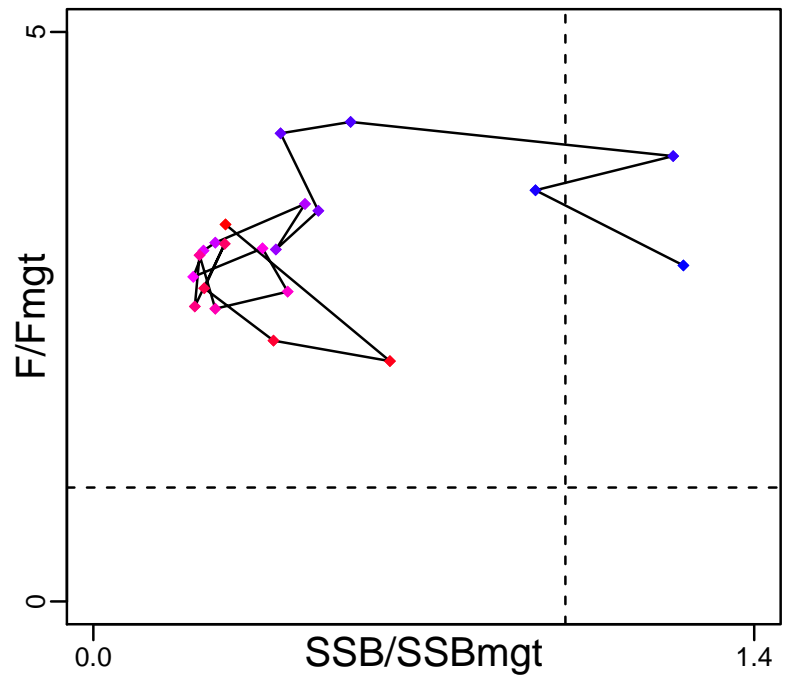
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	-	-	-	-	-
SSB	SSB-MT	2016	16,800	Both	-
TN	-	-	-	-	-
R	R-relative	2016	0.918	-	2
F	F-1/yr	2017	0.331	-	4 to 7
ER	ER-calc-ratio	2016	1.188	-	-
TC	TC-MT	2017	52,900		
TL	TL-MT	2017	52,900		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	ER-calc-ratio/ERmsy-est-ratio	2016	4.071		
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]

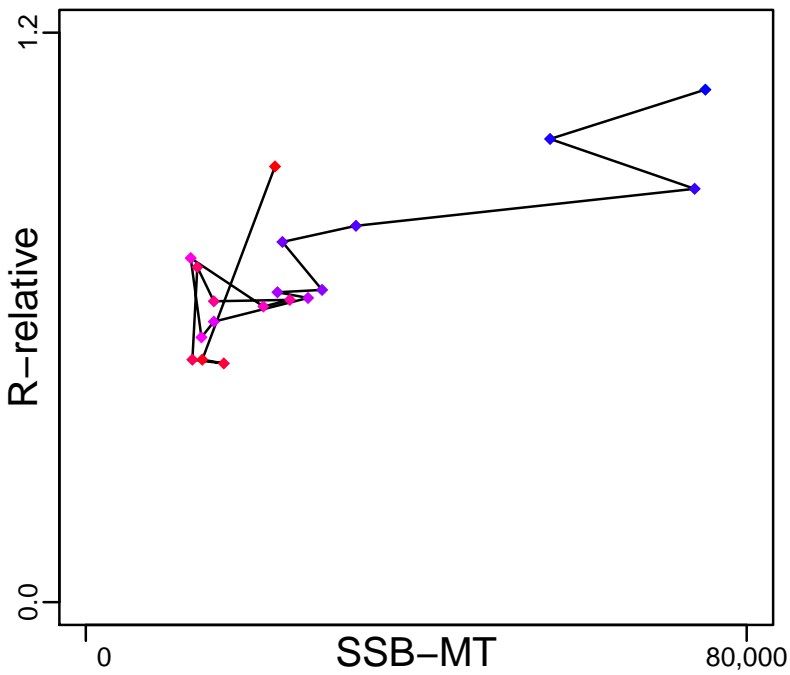
Kobe MSYpref (1982–2016–ICESIMP2016)



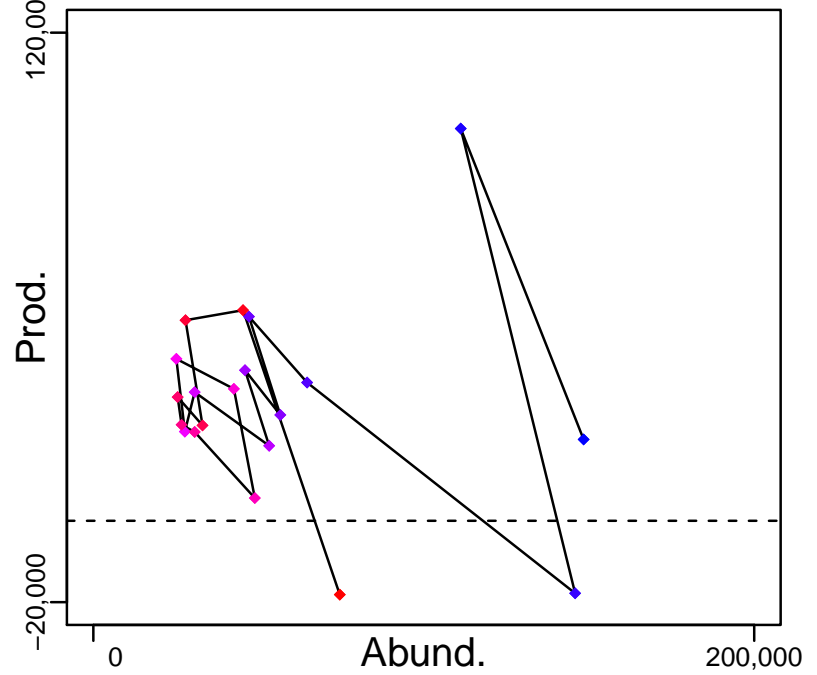
Kobe MGTpref (1982–2016–ICESIMP2016)



Spawner Recruit (1982–2016–ICESIMP2016)



Production (1982–2016–ICESIMP2016)



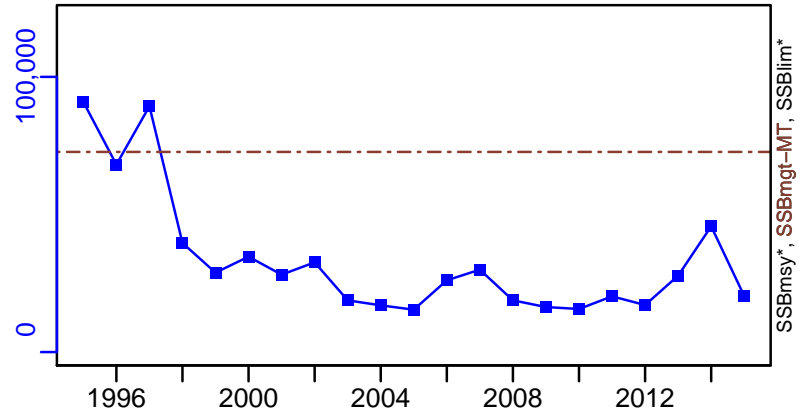
◆ Start Year ◆ End Year * No Data

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

TB*



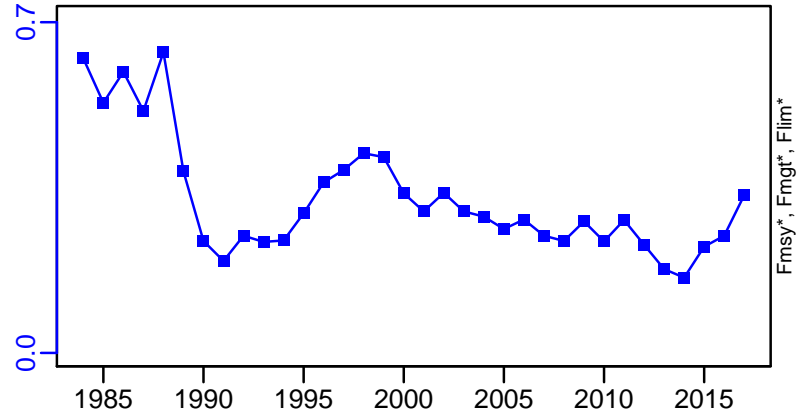
SSB-MT (1982–2016–ICESIMP2016)



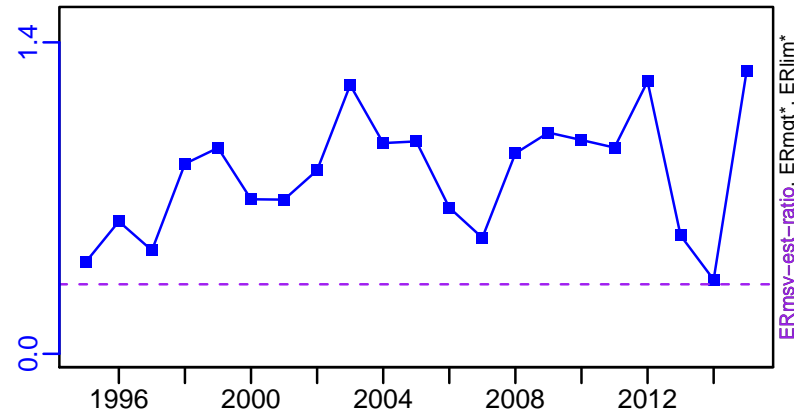
TN *



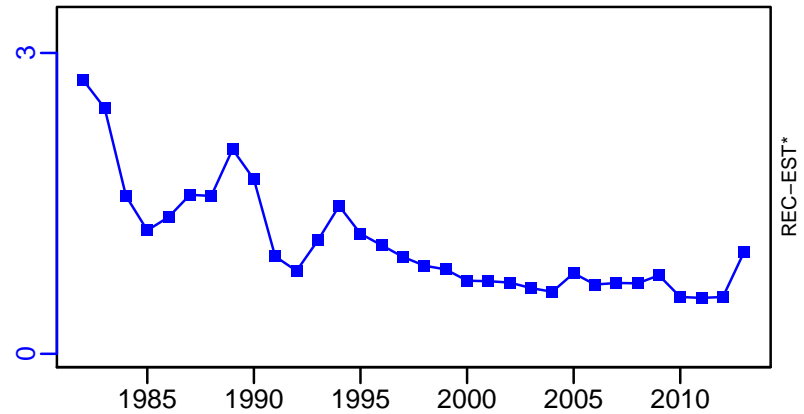
F-1/yr (1984–2017–ICESIMP2018)



ER-calc-ratio (1982–2016–ICESIMP2016)



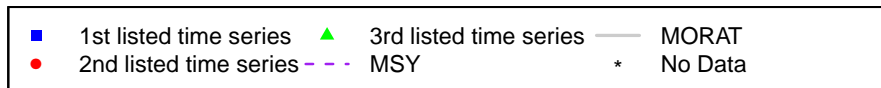
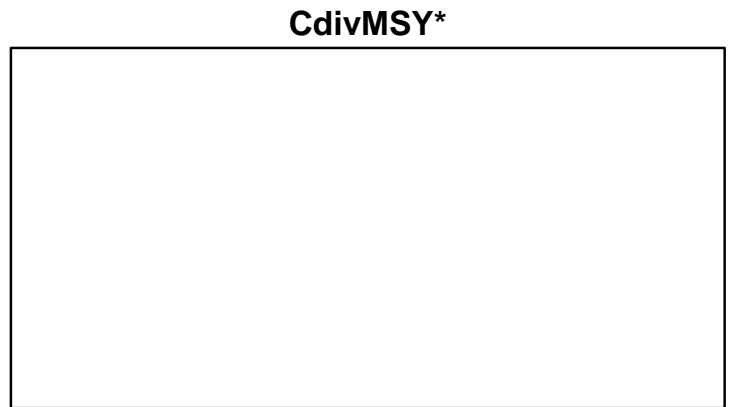
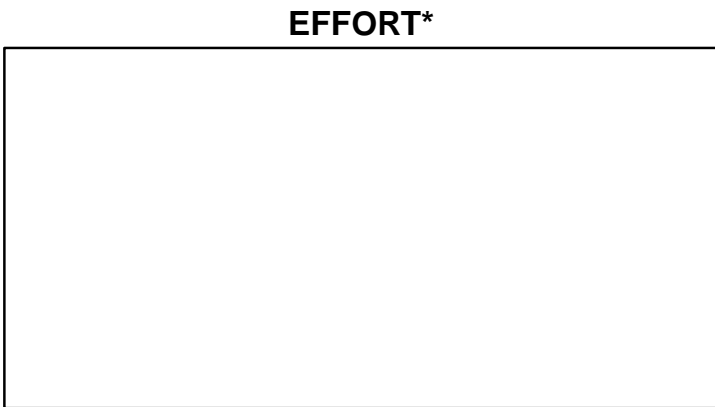
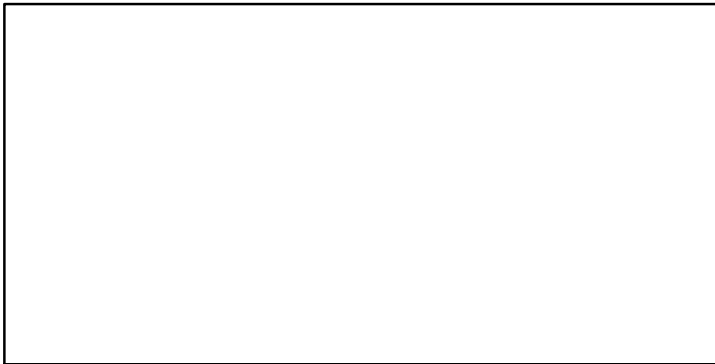
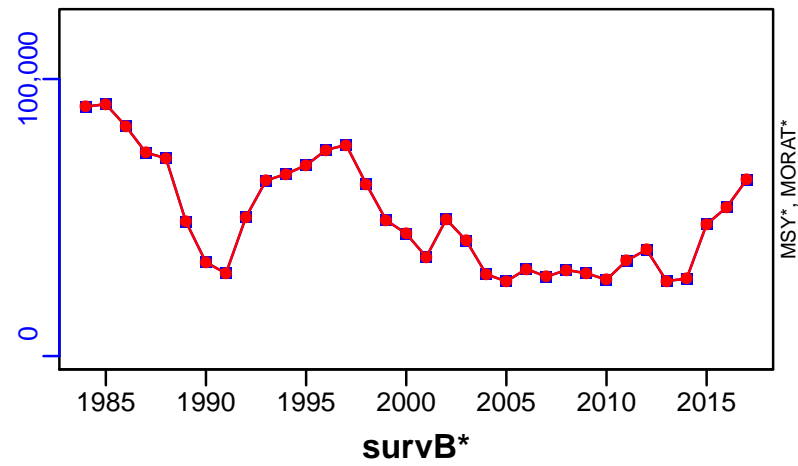
R-relative (1982–2016–ICESIMP2016)



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

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

TAC*, Cpair*, Cadv*



Tusk North-East Arctic [CUSKI-II]

Metadata	
Scientific Name	Brosme brosme
Current Assess ID	WGDEEP-CUSKI-II-1988-2016-ICESIMP2018
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

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	2016	11,700		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

Kobe MSY*



Kobe MGT*



Spawner Recruit*



Production*



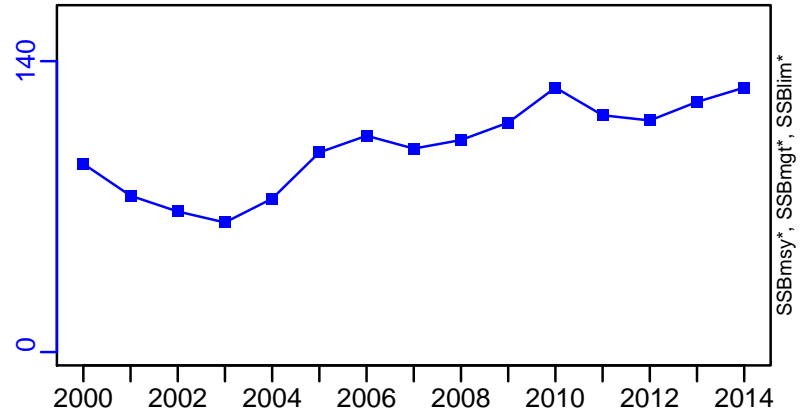
◆ Start Year ◆ End Year * No Data

Tusk North–East Arctic [CUSKI–II]

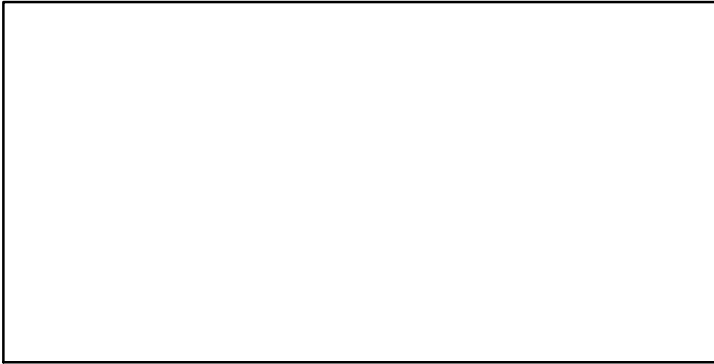
TB*



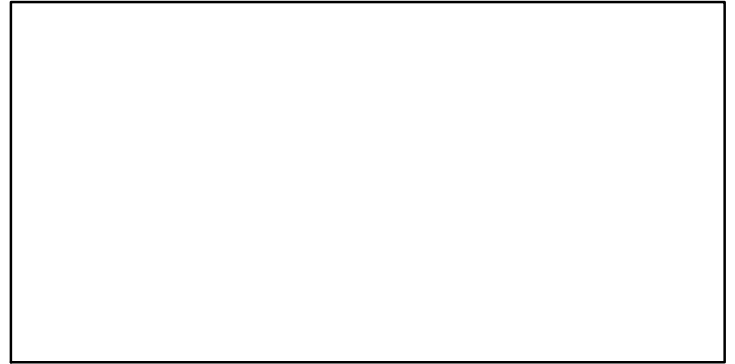
SSB–index (1988–2014–ICESIMP2018)



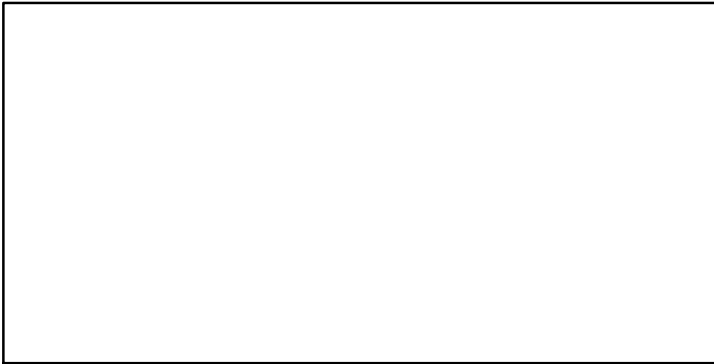
TN *



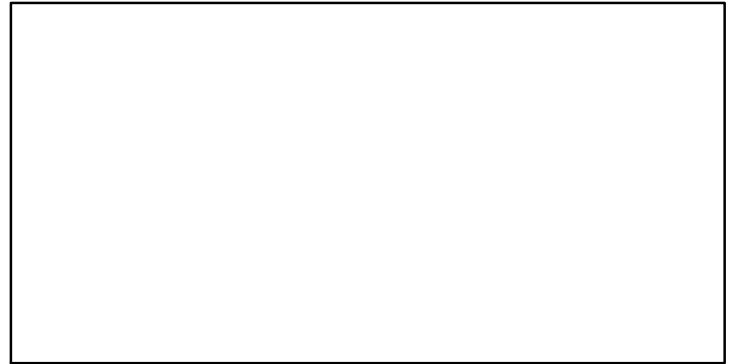
F*



ER*



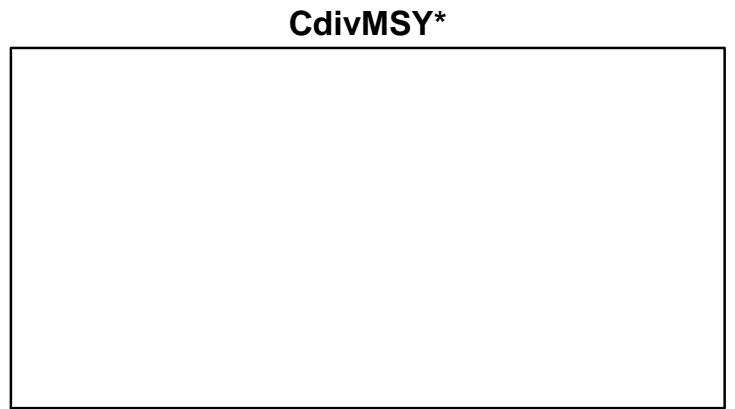
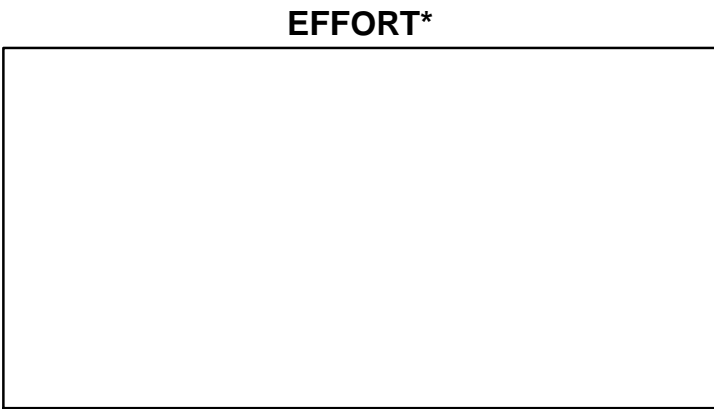
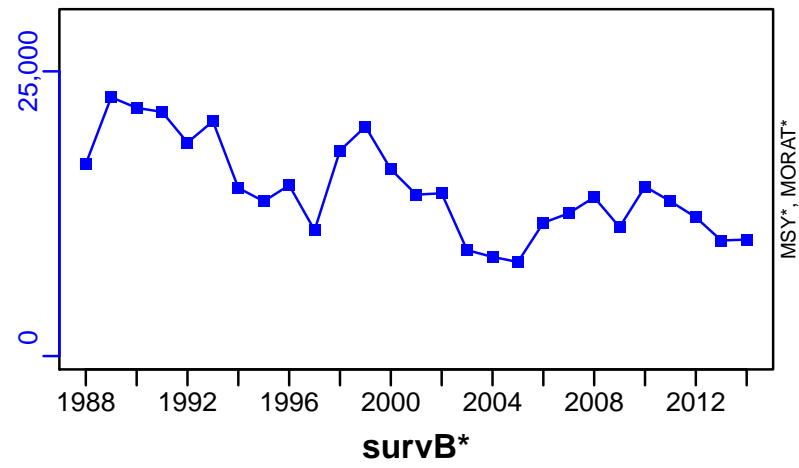
Recruits*



Tusk North–East Arctic [CUSKI–II]

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

TAC*, Cpair*, Cadv*



Greenland halibut North-East Arctic [GHALNEAR]

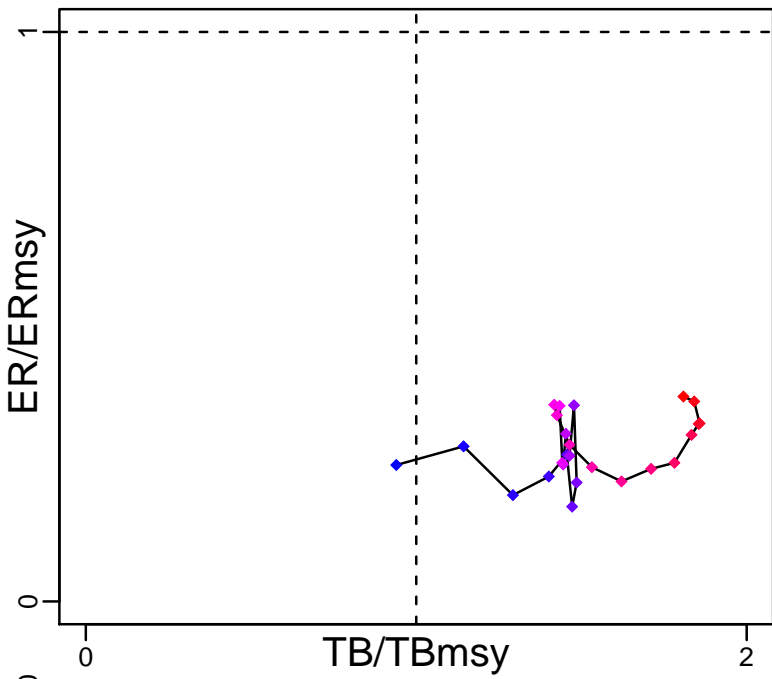
Metadata	
Scientific Name	Reinhardtius hippoglossoides
Current Assess ID	AFWG-GHALNEAR-1935-2016-ICESIMP2018
Area	North-East Arctic
Management Authority	International Council for the Exploration of the Sea
Assessor	Arctic Fisheries Working Group
Asmts in RAM	2016, 2010, 2015

Reference Points			
Type	ID	Asmt Year	Value
TBmsy	TBmsy-est-MT	2016	368,238
SSBmsy	SSBmsy-est-MT	2015	364,422
Fmsy	-	-	-
ERmsy	ERmsy-est-ratio	2016	0.104
TBmgt	-	-	-
SSBmgt	-	-	-
Fmgt	-	-	-
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	MSY-est-MT	2016	38,271
M	M-1/yr	2010	0.15
TBlim	-	-	-
SSBlim	-	-	-
Flim	-	-	-
ERlim	-	-	-

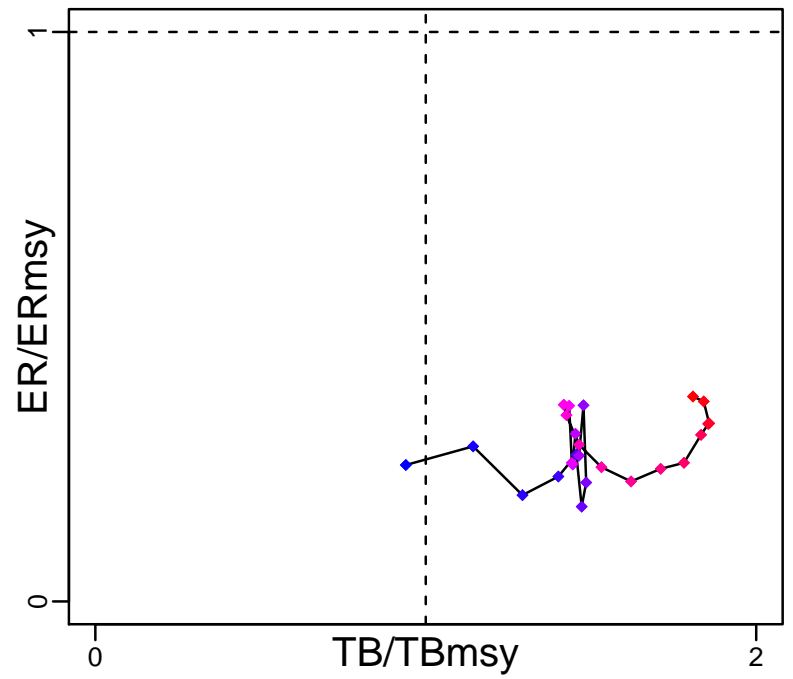
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	TB-MT	2016	666,000	Both	-
SSB	SSB-MT	2015	734,000	Both	-
TN	-	-	-	-	-
R	R-E00	2016	1,020,000	-	-
F	F-1/yr	2010	0.061	-	6 to 10
ER	ER-ratio	2016	0.037	-	-
TC	TC-MT	2015	22,200		
TL	TL-MT	2016	24,900		
TB/TBmsy	TB-MT/TBmsy-est-MT	2016	1.809		
SSB/SSBmsy	SSB-MT/SSBmsy-est-MT	2015	2.014		
F/Fmsy	-	-	-		
ER/ERmsy	ER-ratio/ERmsy-est-ratio	2016	0.36		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

Greenland halibut North-East Arctic [GHALNEAR]

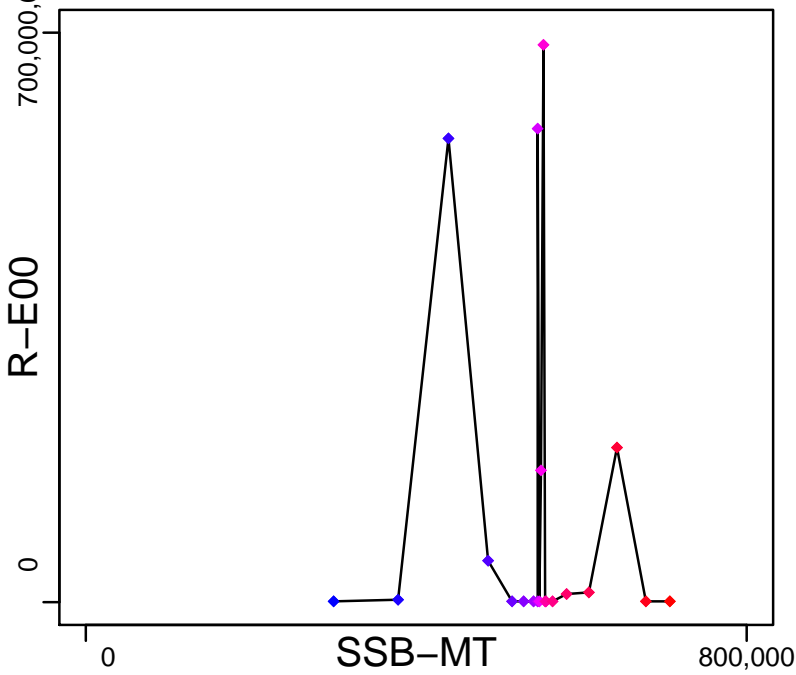
Kobe MSYpref (1935–2016–ICESIMP2018)



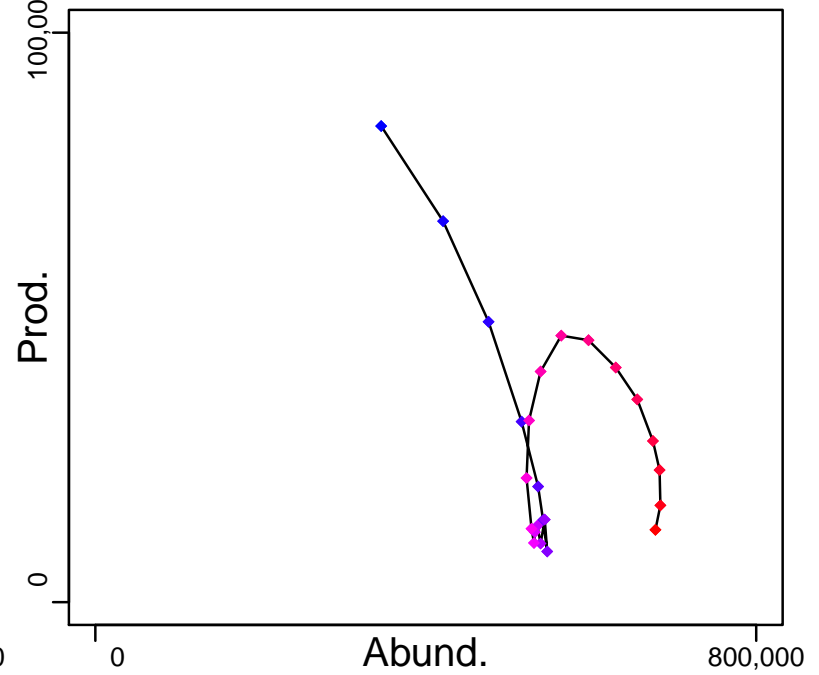
Kobe MGTpref (1935–2016–ICESIMP2018)



Spawner Recruit (1992–2015–ICESIMP2016)



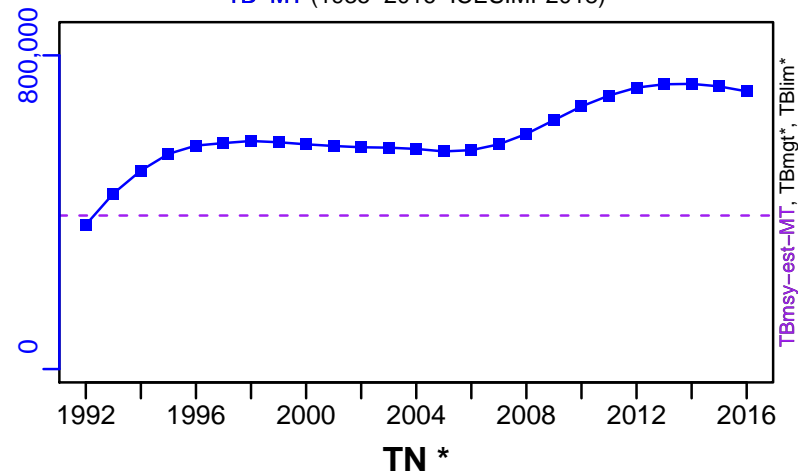
Production (1935–2016–ICESIMP2018)



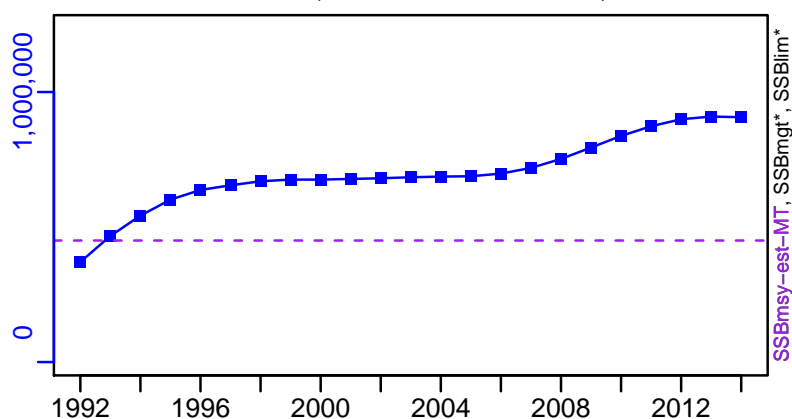
◆ Start Year ◆ End Year * No Data

Greenland halibut North-East Arctic [GHALNEAR]

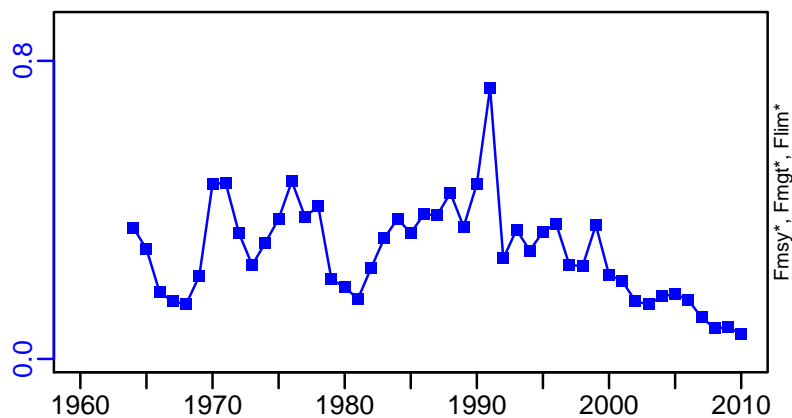
TB-MT (1935–2016–ICESIMP2018)



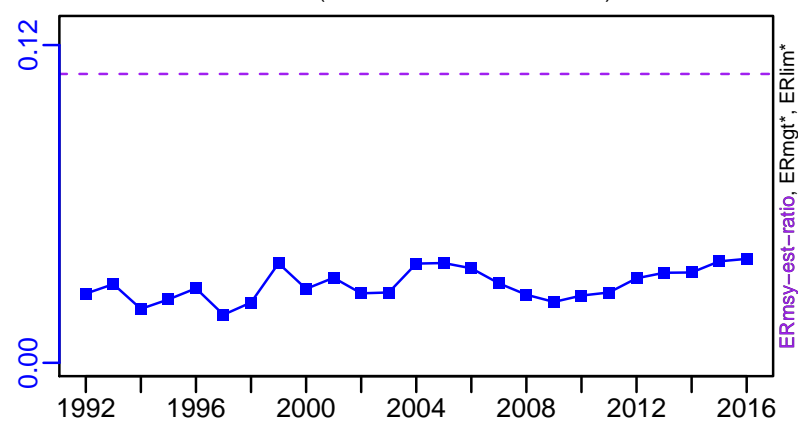
SSB-MT (1992–2015–ICESIMP2016)



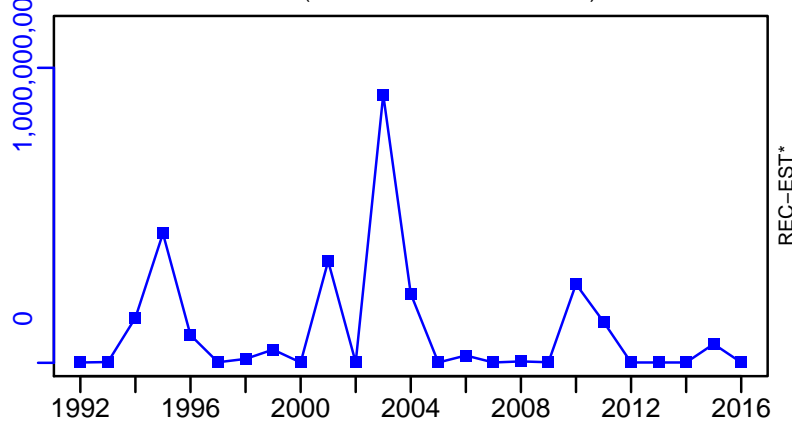
F-1/yr (1960–2010–NEUBAUER)



ER-ratio (1935–2016–ICESIMP2018)

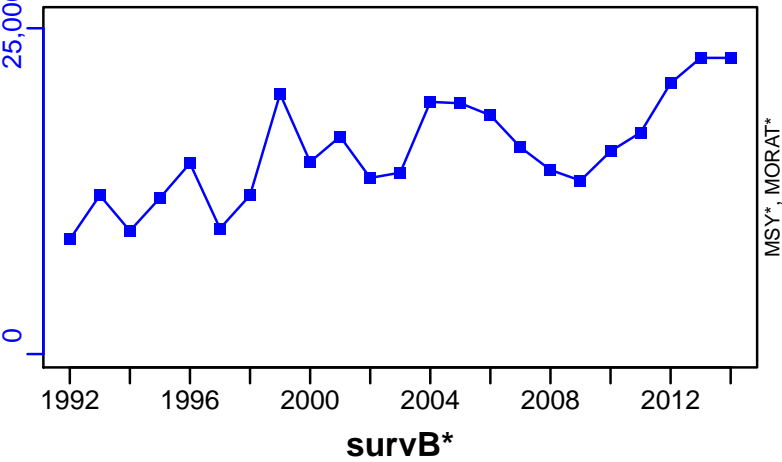


R-E00 (1935–2016–ICESIMP2018)

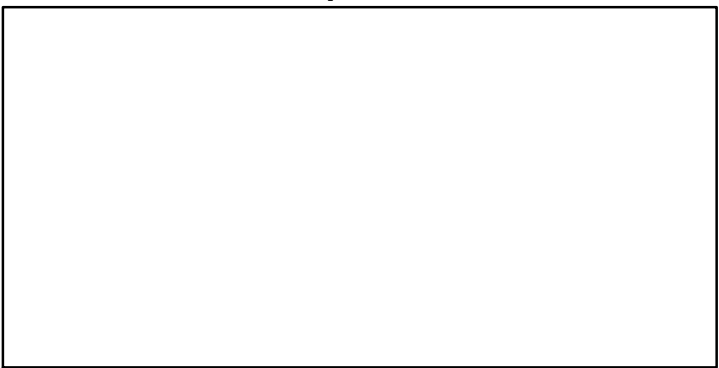


Greenland halibut North-East Arctic [GHALNEAR]

TC-MT, TL*, RecC* (1992-2015-ICESIMP2016)



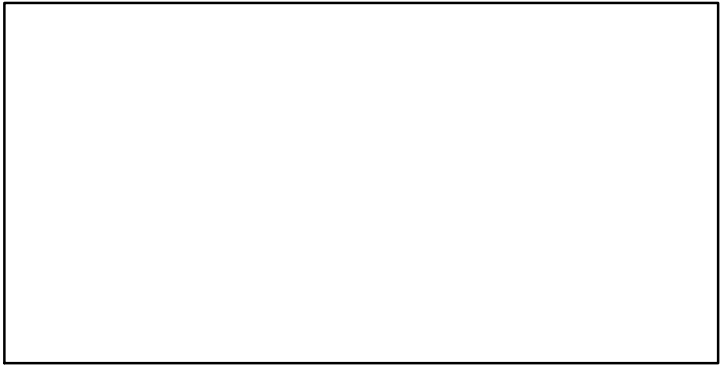
TAC*, Cpair*, Cadv*



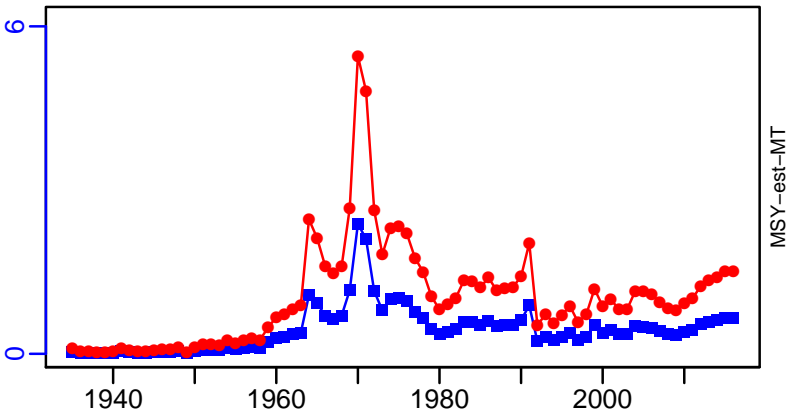
CPUE*



EFFORT*



TL-MT/MSY-est-MT, CdivMEANC-ratio, (1935-2016-ICESIMP2018)



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]

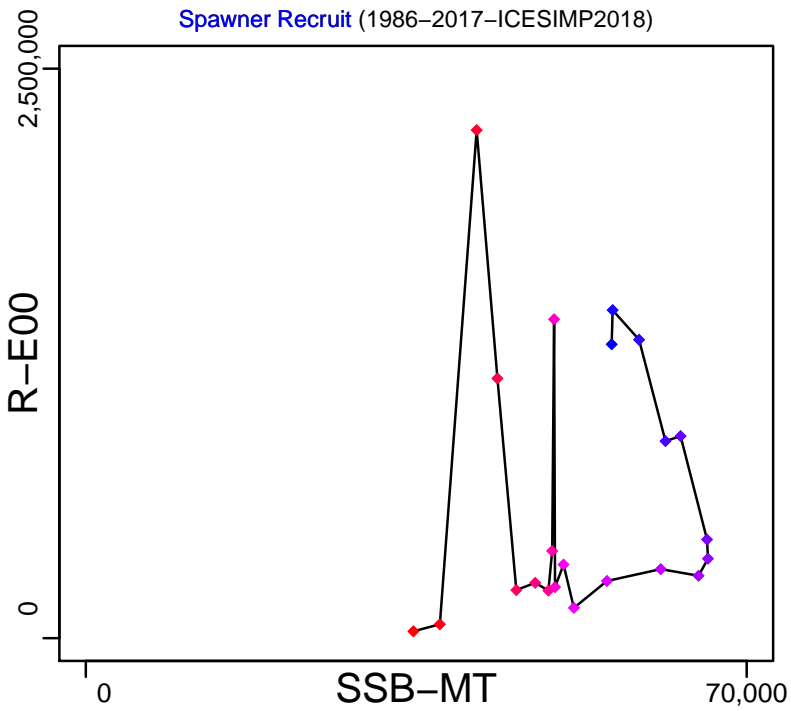
Kobe MSY*



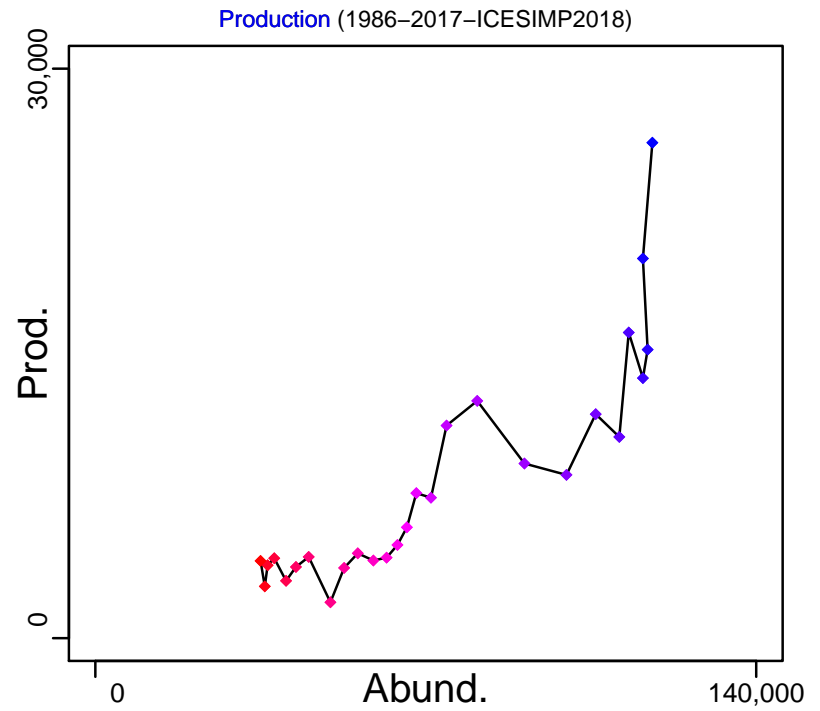
Kobe MGT*



Spawner Recruit (1986–2017–ICESIMP2018)



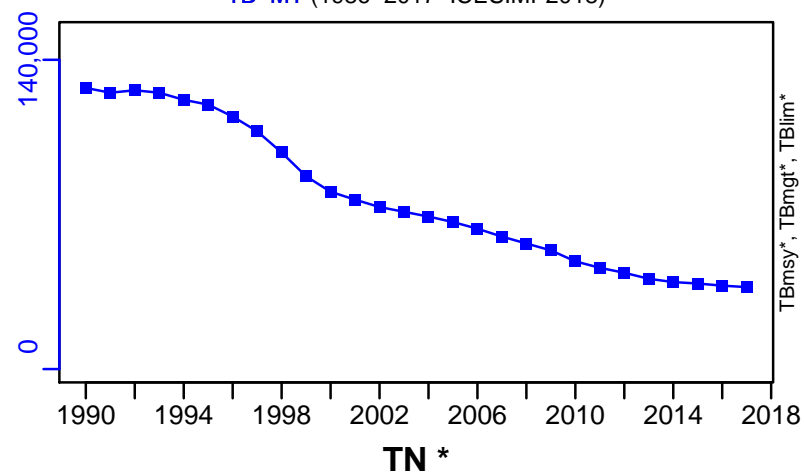
Production (1986–2017–ICESIMP2018)



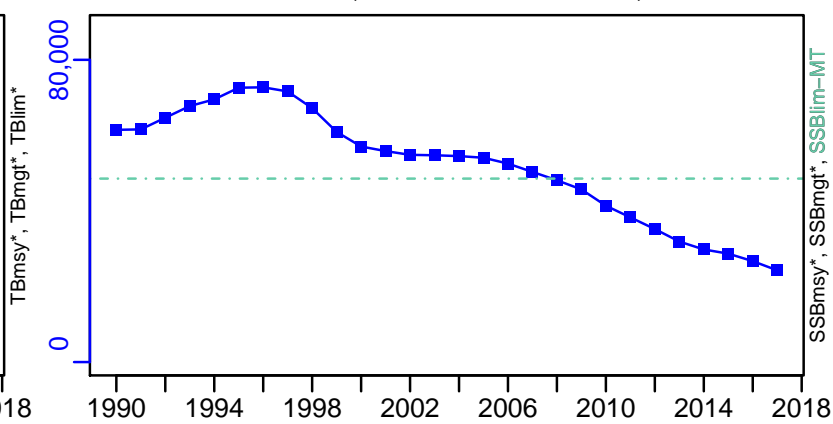
◆ Start Year ◆ End Year * No Data

Golden redfish North-East Arctic [GOLDREDNEAR]

TB-MT (1986–2017–ICESIMP2018)



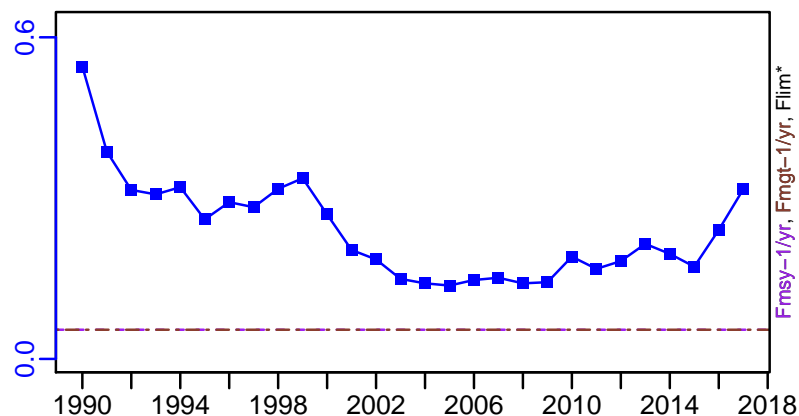
SSB-MT (1986–2017–ICESIMP2018)



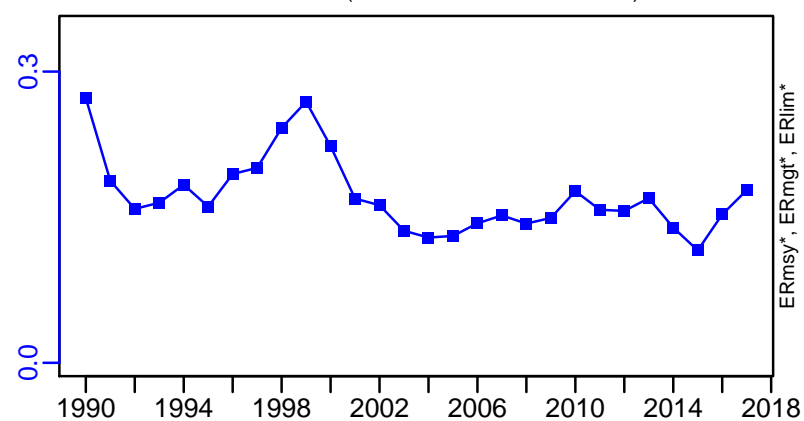
TN *



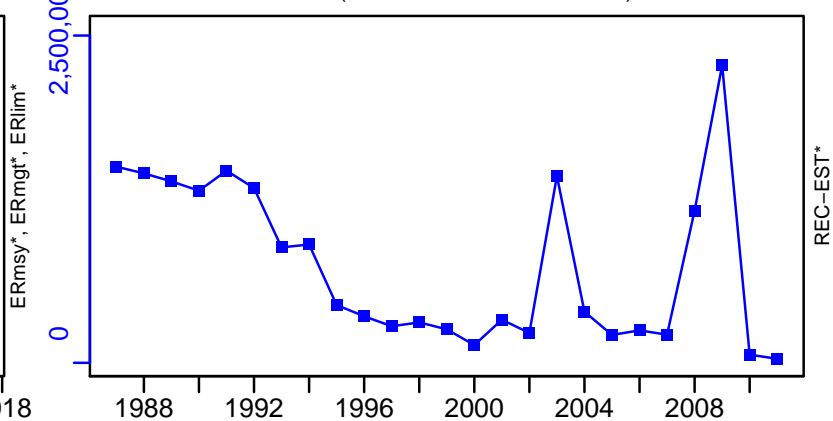
F-1/yr (1986–2017–ICESIMP2018)



ER-calc-ratio (1986–2017–ICESIMP2018)

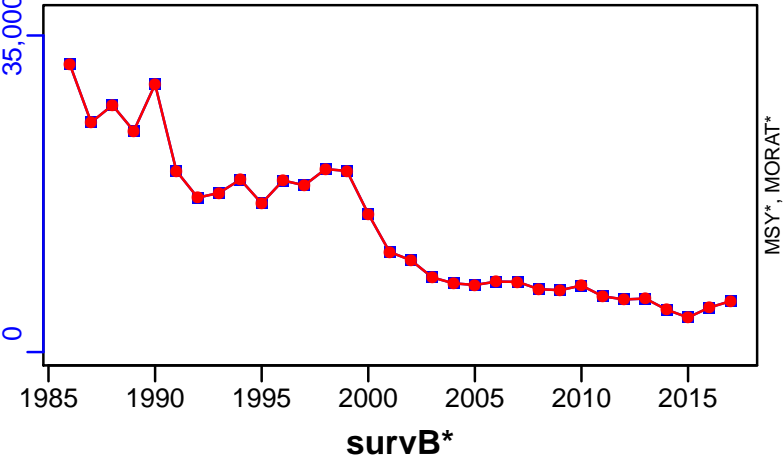


R-E00 (1986–2017–ICESIMP2018)



Golden redfish North-East Arctic [GOLDREDNEAR]

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



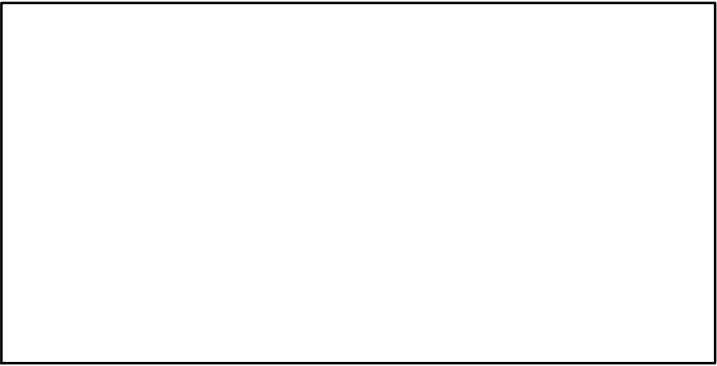
TAC*, Cpair*, Cadv*



CPUE*



EFFORT*



CdivMSY*



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

Metadata	
Scientific Name	Argentina silus
Current Assess ID	WGDEEP-GSSMELTVa-XIV-2000-2017-ICESIMP2018
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

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	2016	0.075	-	-
ER	-	-	-	-	-
TC	TC-MT	2016	6060		
TL	TL-MT	2017	3950		
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 5a-14 [GSSMELTVa-XIV]

TB*



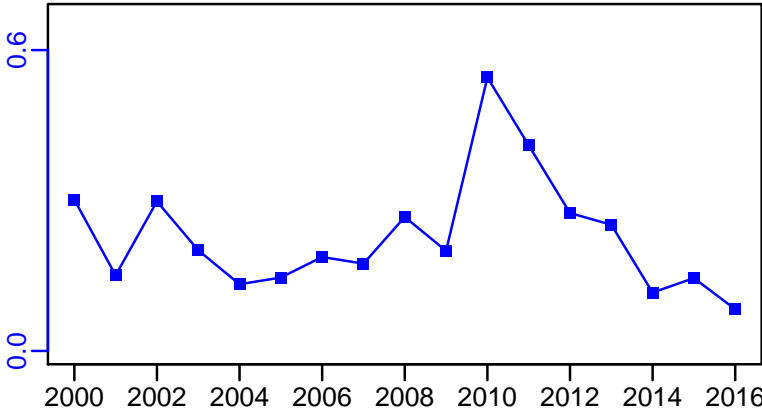
SSB*



TN *



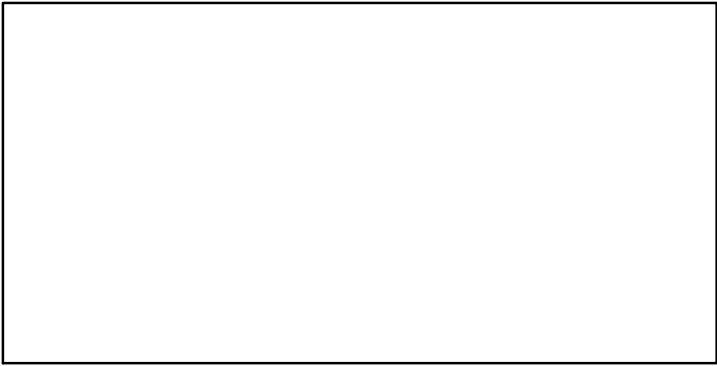
F-1/yr (2000-2016-ICESIMP2018)



ER*

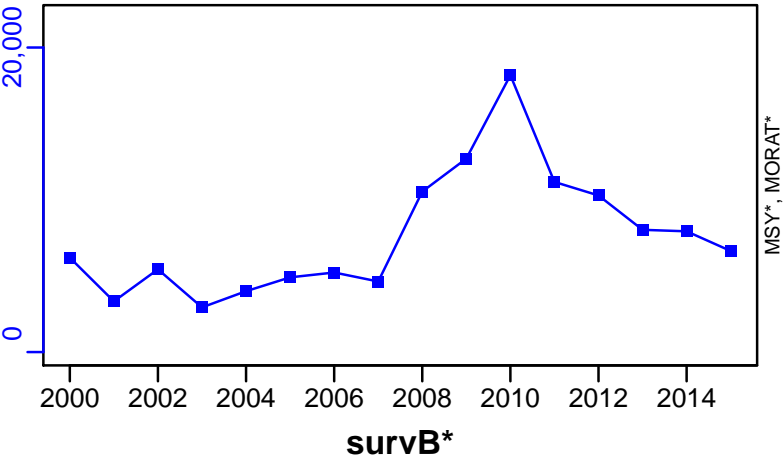


Recruits*



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

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



TAC*, Cpair*, Cadv*



CPUE*



EFFORT*



CdivMSY*



Greater silver smelt ICES 5b-4a [GSSMELTVb-VIa]

Metadata	
Scientific Name	Argentina silus
Current Assess ID	WGDEEP-GSSMELTVb-VIa-1988-2016-ICESIMP2018
Area	ICES 5b-4a
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

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	2016	16,300		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

Kobe MSY*



Kobe MGT*



Spawner Recruit*



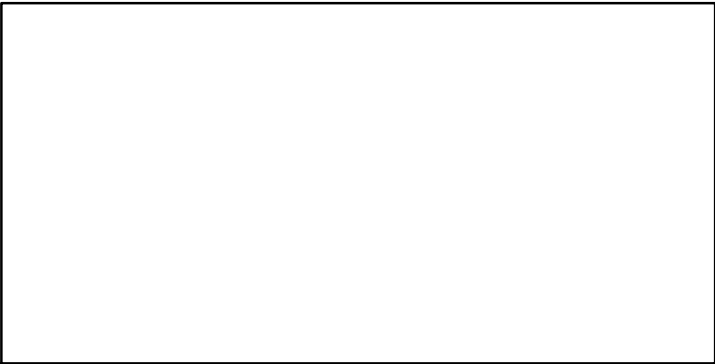
Production*



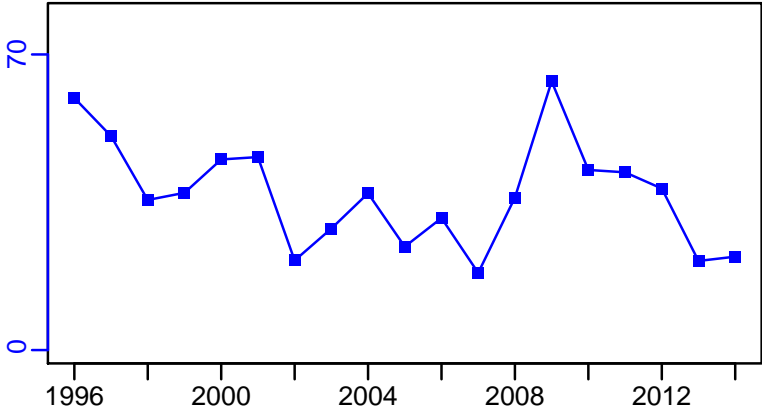
◆ Start Year ◆ End Year * No Data

Greater silver smelt ICES 5b-4a [GSSMELTVb-VIa]

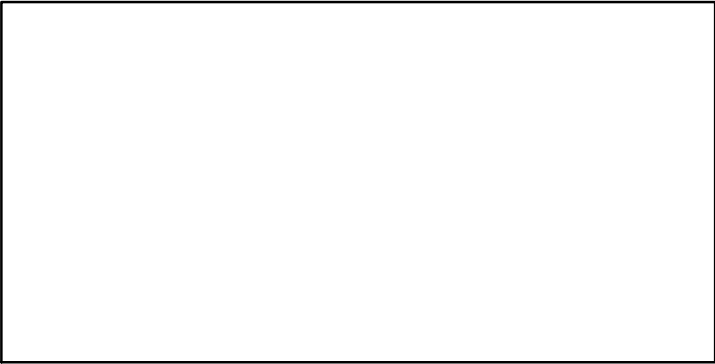
TB*



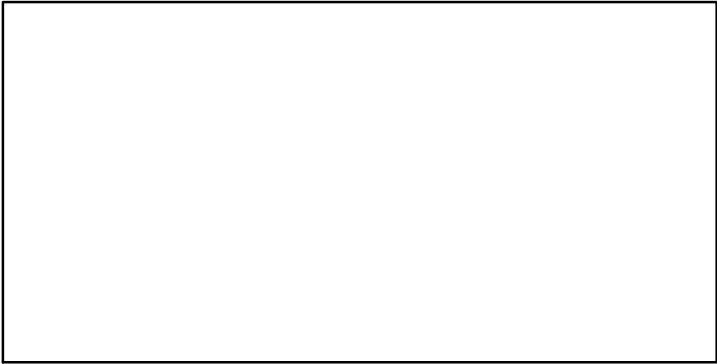
SSB-index (1988-2014-ICESIMP2018)



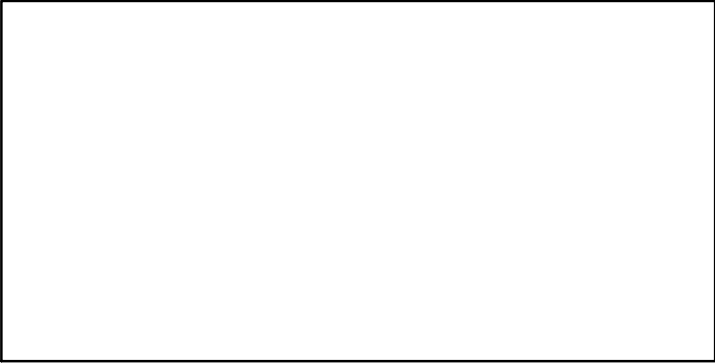
TN *



F*



ER*

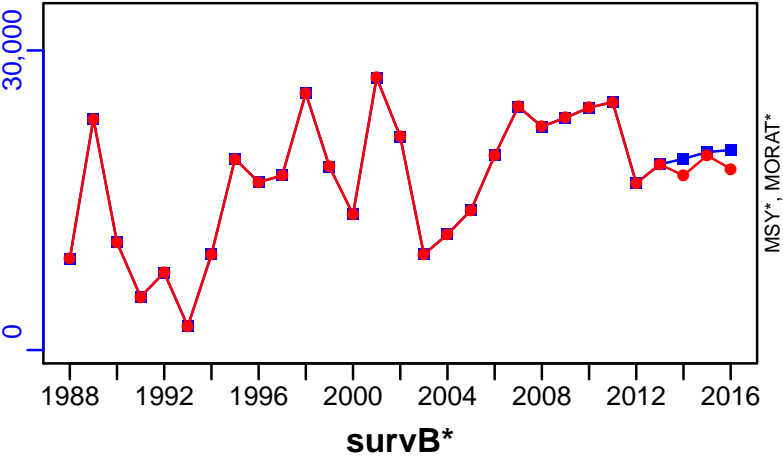


Recruits*



Greater silver smelt ICES 5b-4a [GSSMELTVb-VIa]

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



TAC*, Cpair*, Cadv*



CPUE*



EFFORT*



CdivMSY*



Haddock Faroe Plateau [HADFAPL]

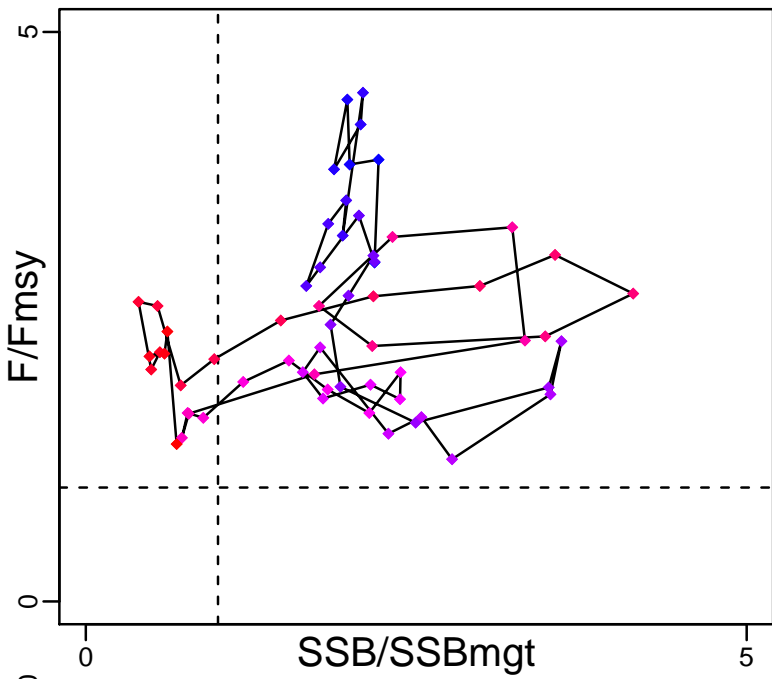
Metadata	
Scientific Name	Melanogrammus aeglefinus
Current Assess ID	NWWG-HADFAPL-1956-2018-ICESIMP2018
Area	Faroe Plateau
Management Authority	International Council for the Exploration of the Sea
Assessor	North-Western Working Group
Asmts in RAM	2012, 2013, 2014, 2015, 2016, 2017, 2018

Reference Points			
Type	ID	Asmt Year	Value
TBmsy	TBmsy-est-MT	2012	97,712
SSBmsy	-	-	-
Fmsy	Fmsy-1/yr	2018	0.165
ERmsy	ERmsy-est-ratio	2018	0.454
TBmgt	-	-	-
SSBmgt	SSBmgt-MT	2018	22,843
Fmgt	Fmgt-1/yr	2018	0.165
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	MSY-MT	2012	35,000
M	-	-	-
TBlim	-	-	-
SSBlim	SSBlim-MT	2018	16,780
Flim	Flim-1/yr	2018	0.54
ERlim	-	-	-

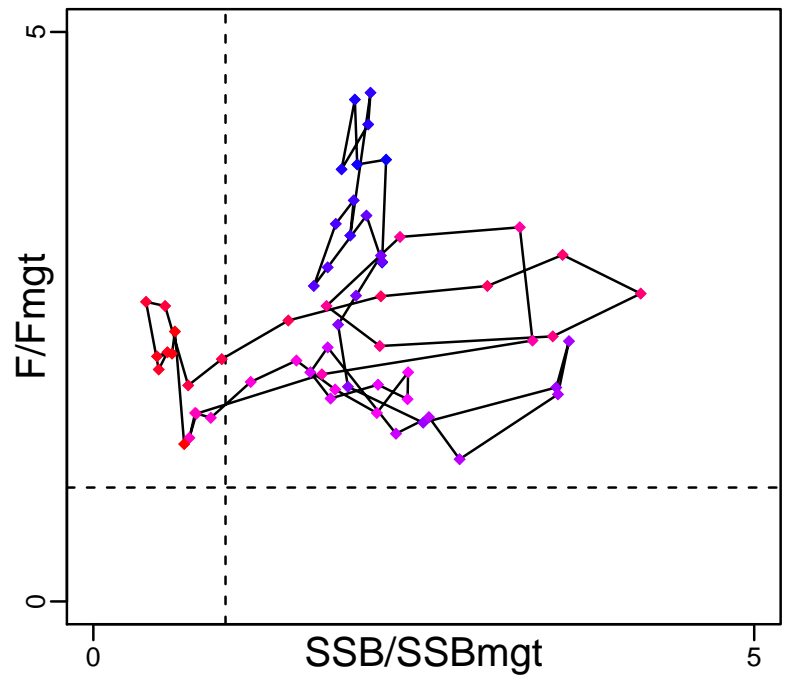
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	TB-MT	2018	87,500	Both	-
SSB	SSB-MT	2018	25,300	Both	-
TN	-	-	-	-	-
R	R-E00	2018	1.11×10^8	-	1
F	F-1/yr	2018	0.228	-	3 to 7
ER	ER-calc-ratio	2018	0.074	-	-
TC	TC-MT	2018	2850		
TL	TL-MT	2018	2850		
TB/TBmsy	TB-MT/TBmsy-est-MT	2012	0.231		
SSB/SSBmsy	-	-	-		
F/Fmsy	F-1/yr/Fmsy-1/yr	2018	1.382		
ER/ERmsy	ER-calc-ratio/ERmsy-est-ratio	2018	0.163		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2018	1.108		
F/Fmgt	F-1/yr/Fmgt-1/yr	2018	1.382		
ER/ERmgt	-	-	-		

Haddock Faroe Plateau [HADFAPL]

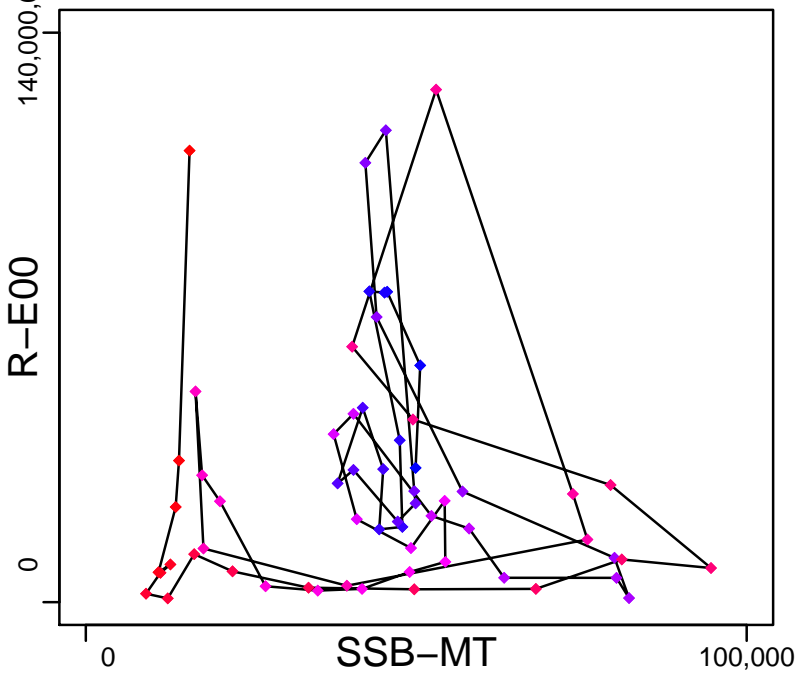
Kobe MSYpref (1956–2018–ICESIMP2018)



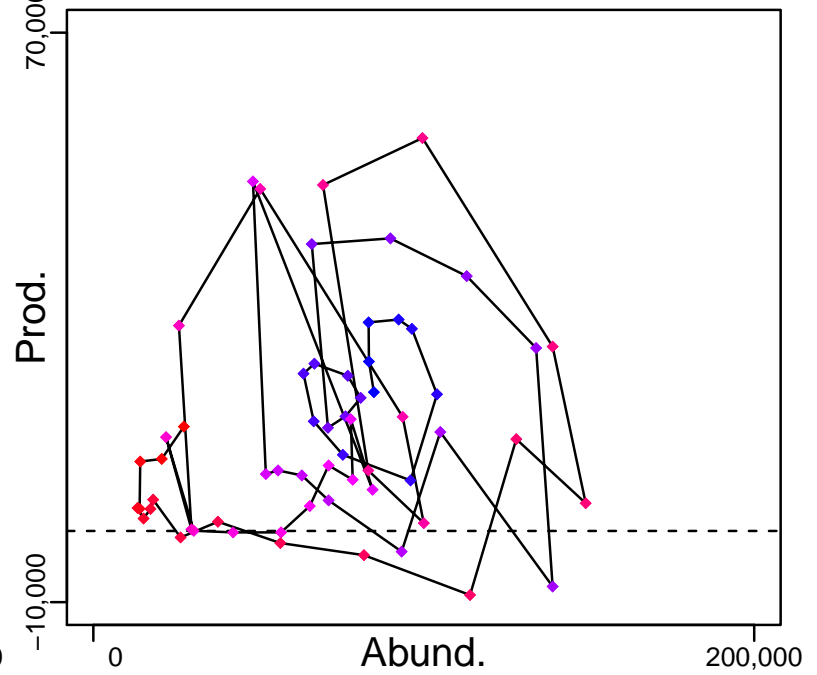
Kobe MGTpref (1956–2018–ICESIMP2018)



Spawner Recruit (1956–2018–ICESIMP2018)



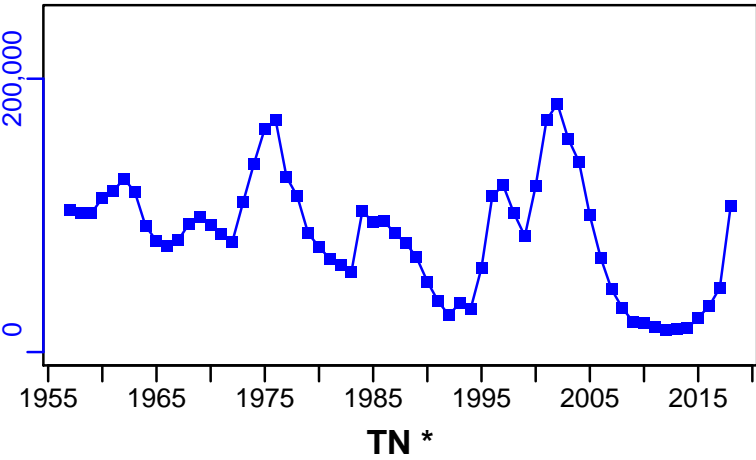
Production (1956–2018–ICESIMP2018)



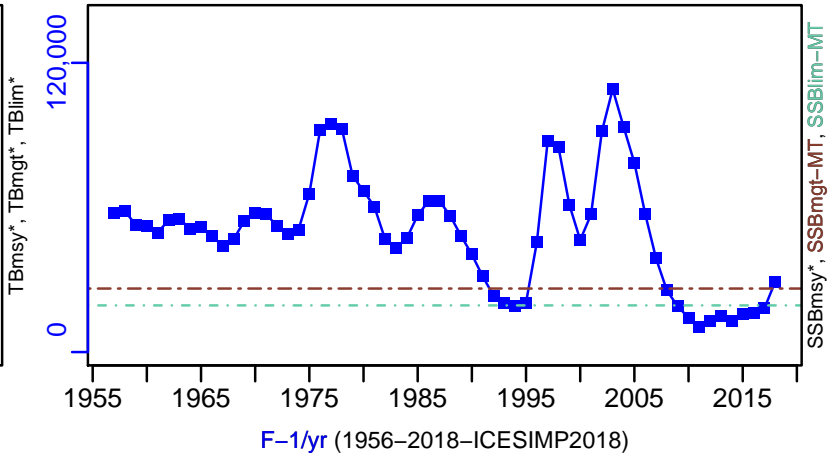
◆ Start Year ◆ End Year * No Data

Haddock Faroe Plateau [HADFAPL]

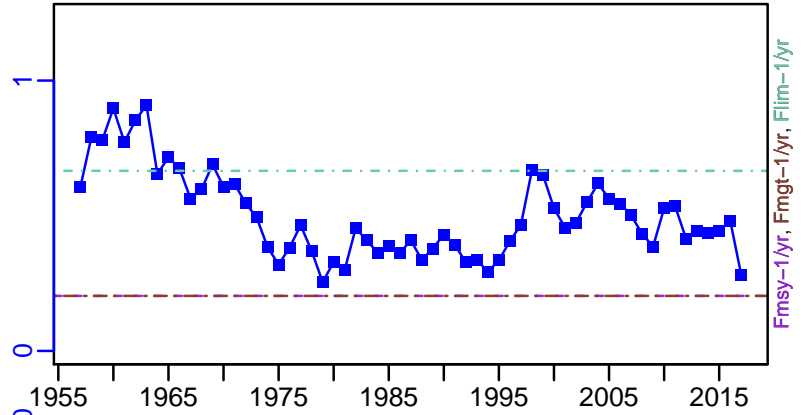
TB-MT (1956–2018–ICESIMP2018)



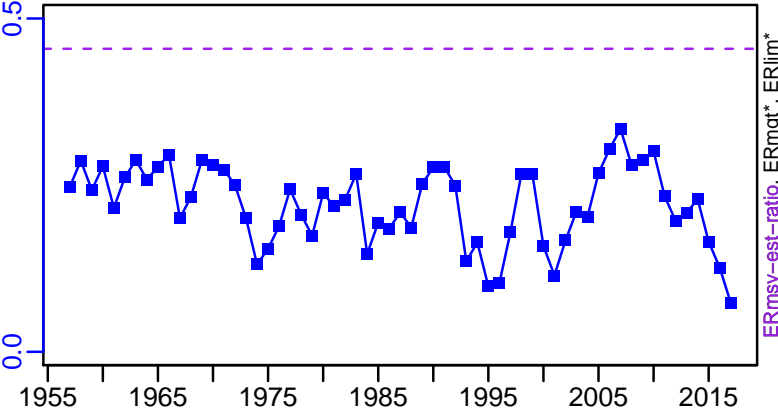
SSB-MT (1956–2018–ICESIMP2018)



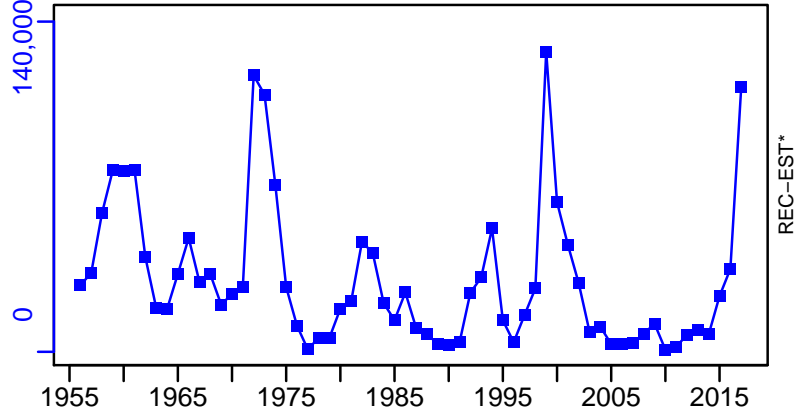
F-1/yr (1956–2018–ICESIMP2018)



ER-calc-ratio (1956–2018–ICESIMP2018)

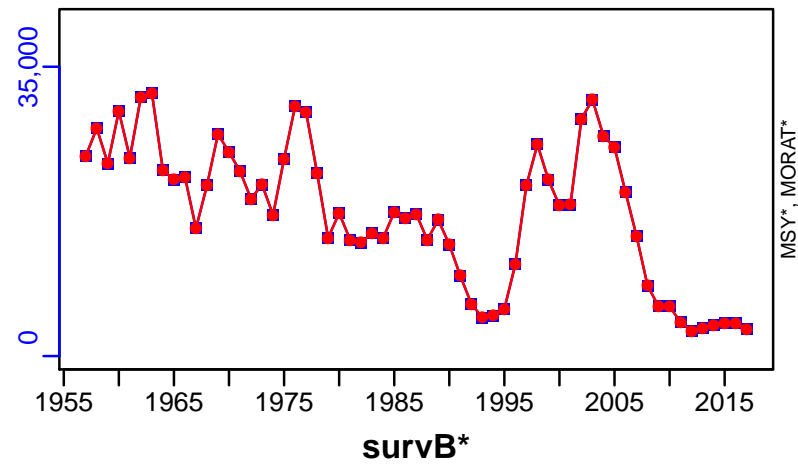


R-E00 (1956–2018–ICESIMP2018)



Haddock Faroe Plateau [HADFAPL]

TC-MT, TL-MT, RecC* (1956–2018–ICESIMP2018)



TAC*, Cpair*, Cadv*



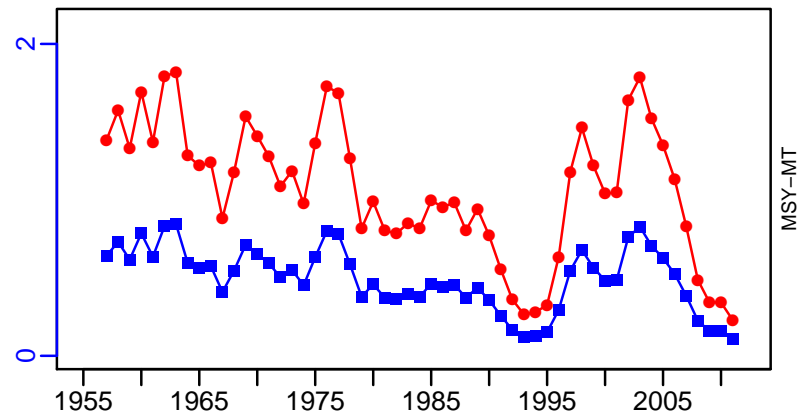
CPUE*



EFFORT*



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



Haddock Iceland Grounds [HADICE]

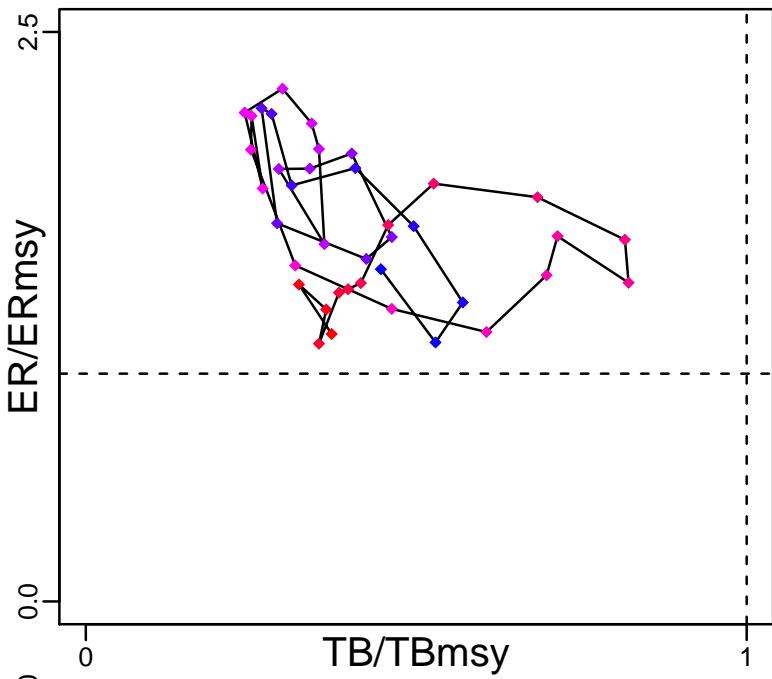
Metadata	
Scientific Name	Melanogrammus aeglefinus
Current Assess ID	NWWG-HADICE-1979-2018-ICESIMP2018
Area	Iceland Grounds
Management Authority	International Council for the Exploration of the Sea
Assessor	North-Western Working Group
Asmts in RAM	2012, 2013, 2014, 2015, 2016, 2017, 2018

Reference Points			
Type	ID	Asmt Year	Value
TBmsy	TBmsy-est-MT	2018	362,843
SSBmsy	-	-	-
Fmsy	-	-	-
ERmsy	ERmsy-est-ratio	2018	0.234
TBmgt	-	-	-
SSBmgt	SSBmgt-MT	2017	45,000
Fmgt	Fmgt-1/yr	2017	0.4
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	MSY-est-MT	2018	84,928
M	-	-	-
TBlim	TBlim-MT	2012	45,000
SSBlim	SSBlim-MT	2017	45,000
Flim	-	-	-
ERlim	-	-	-

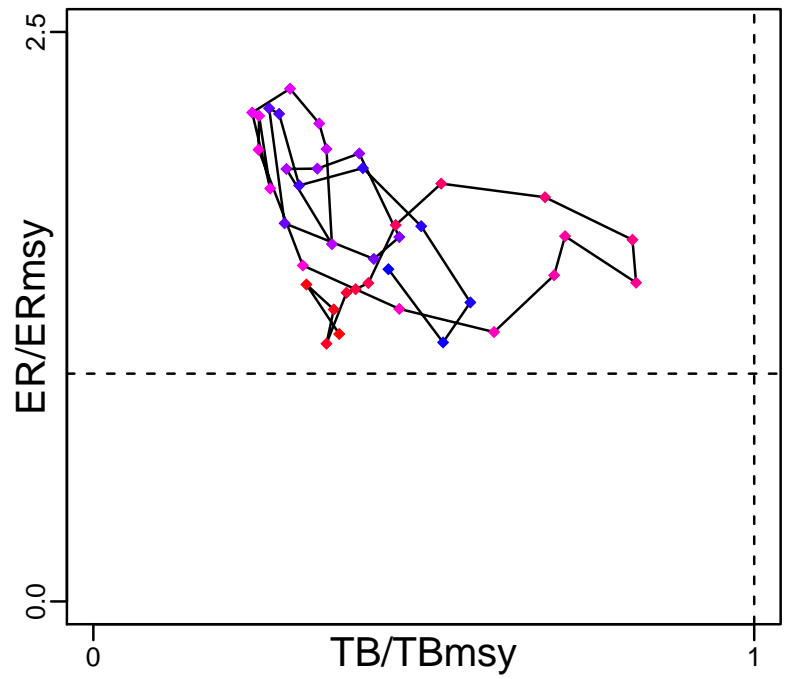
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	TB-MT	2018	158,000	Both	-
SSB	SSB-MT	2017	76,000	Both	-
TN	-	-	-	-	-
R	R-E00	2017	52,200,000	-	2
F	F-1/yr	2017	0.372	-	4 to 7
ER	ER-calc-ratio	2018	0.275	-	-
TC	TC-MT	2018	37,100		
TL	TL-MT	2018	37,100		
TB/TBmsy	TB-MT/TBmsy-est-MT	2018	0.435		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	ER-calc-ratio/ERmsy-est-ratio	2018	1.174		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2017	1.689		
F/Fmgt	F-1/yr/Fmgt-1/yr	2017	0.93		
ER/ERmgt	-	-	-		

Haddock Iceland Grounds [HADICE]

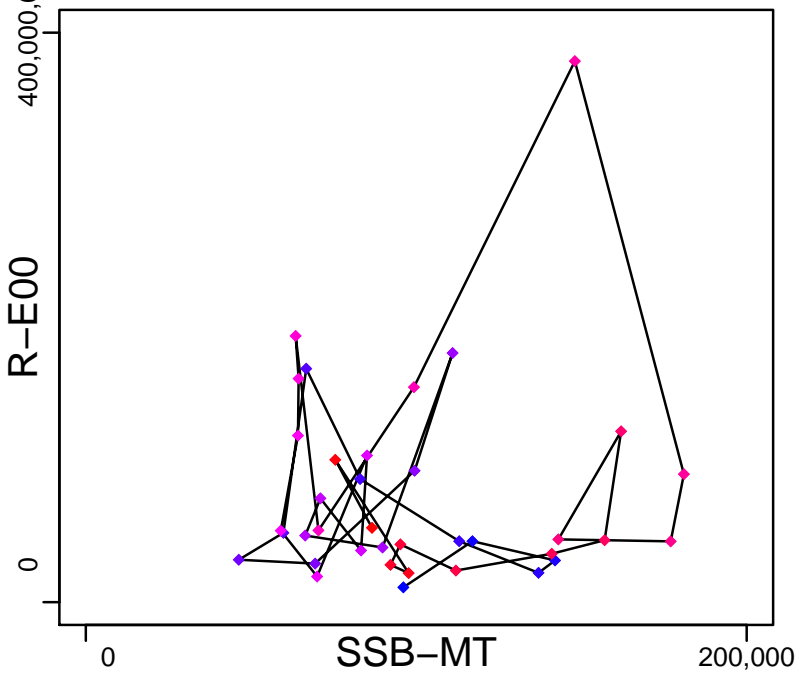
Kobe MSYpref (1979–2018–ICESIMP2018)



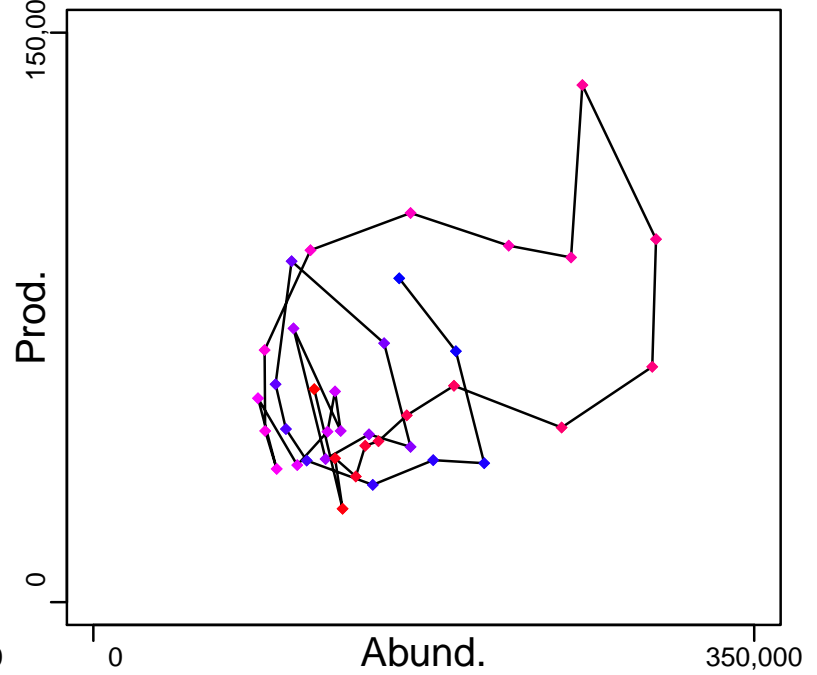
Kobe MGTpref (1979–2018–ICESIMP2018)



Spawner Recruit (1977–2017–ICESIMP2018)

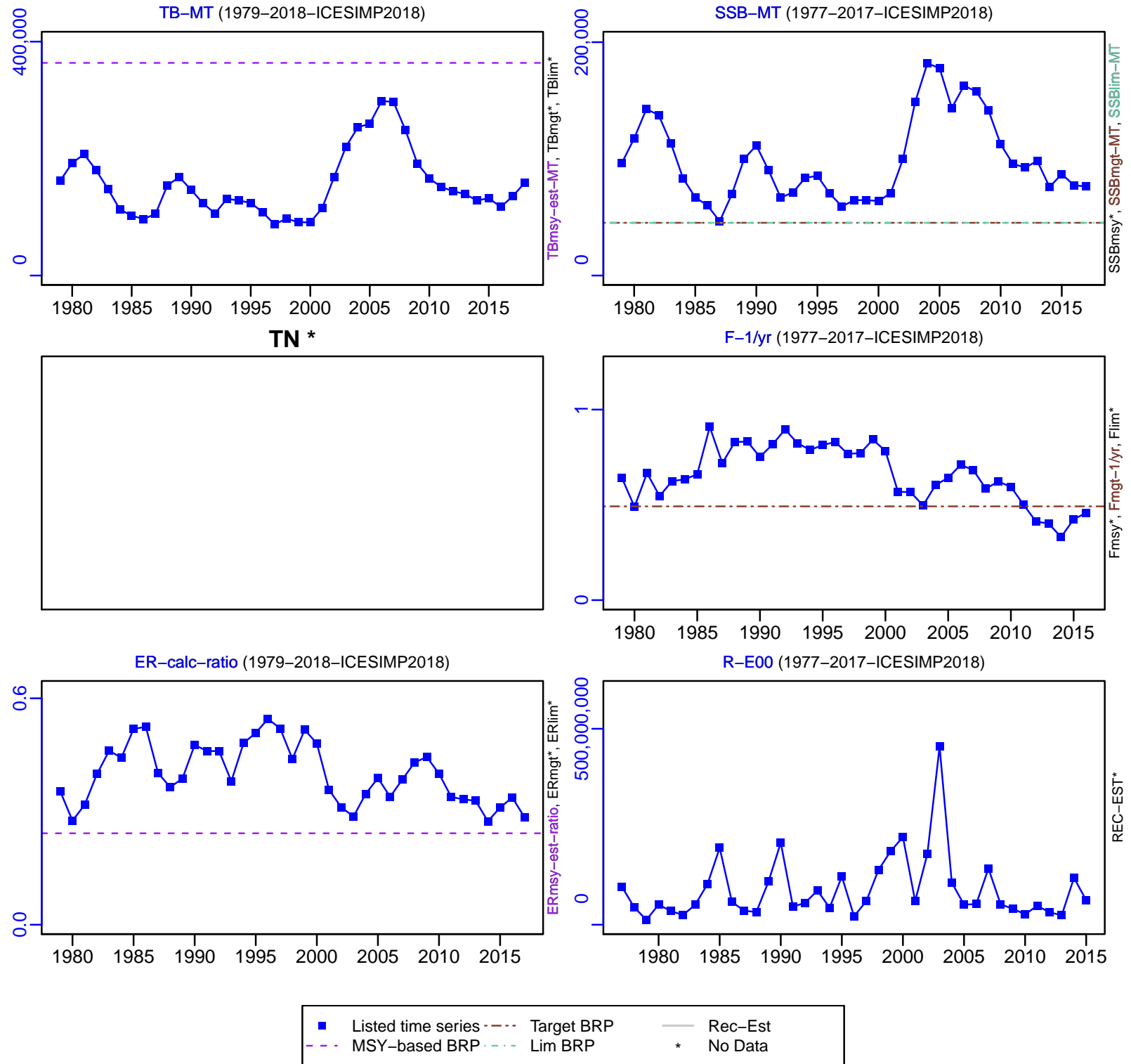


Production (1979–2018–ICESIMP2018)



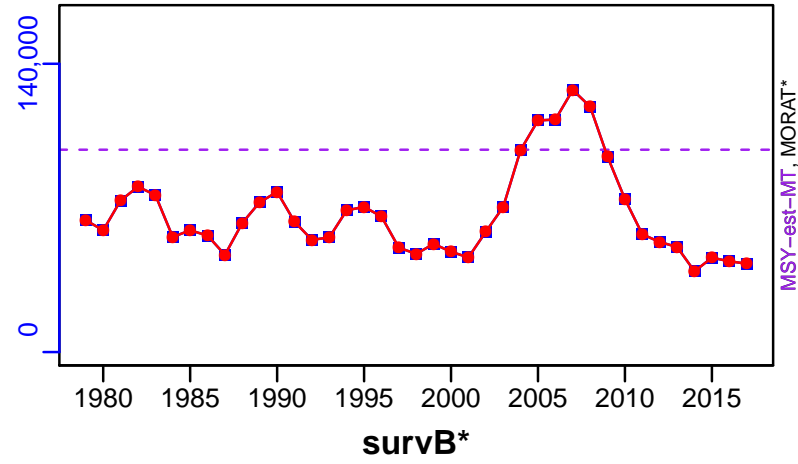
◆ Start Year ◆ End Year * No Data

Haddock Iceland Grounds [HADICE]



Haddock Iceland Grounds [HADICE]

TC-MT, TL-MT, RecC* (1979–2018–ICESIMP2018)



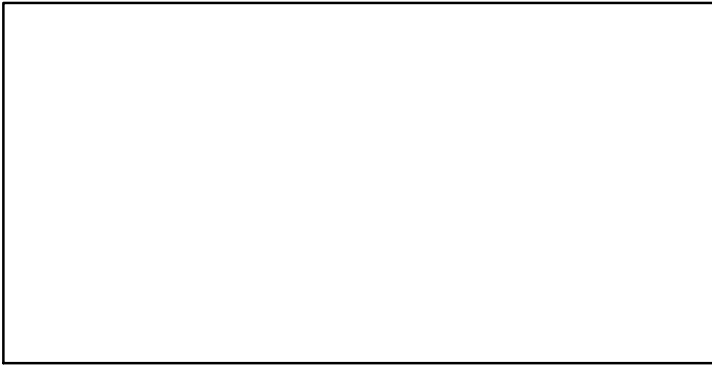
TAC*, Cpair*, Cadv*



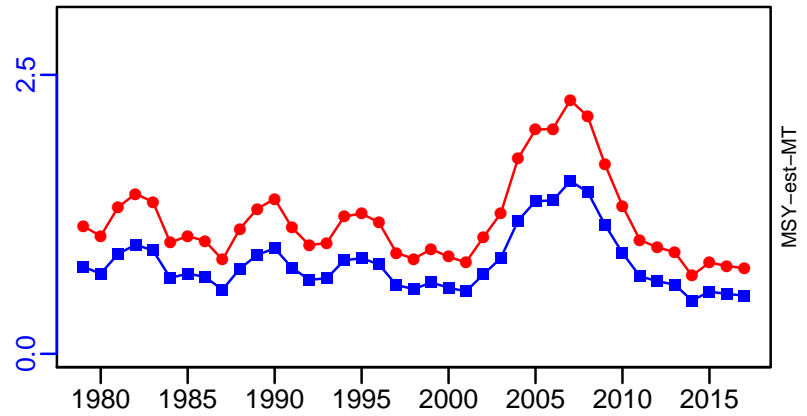
CPUE*



EFFORT*



TC-MT/MSY-est-MT, CdivMEANC-ratio, (1979–2018–ICESIMP2018)



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

Haddock North-East Arctic [HADNEAR]

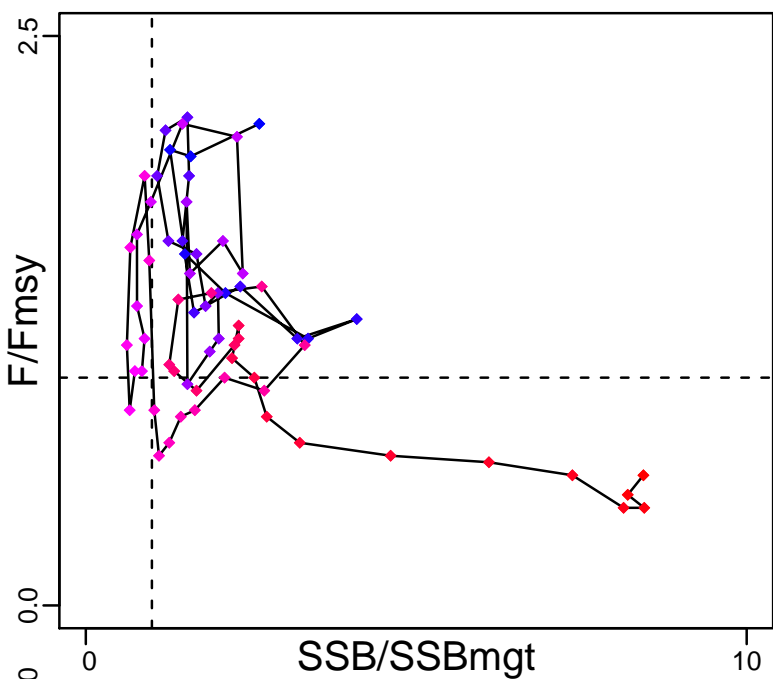
Metadata	
Scientific Name	Melanogrammus aeglefinus
Current Assess ID	AFWG-HADNEAR-1947-2017-ICESIMP2018
Area	North-East Arctic
Management Authority	International Council for the Exploration of the Sea
Assessor	Arctic Fisheries Working Group
Asmts in RAM	2012, 2013, 2014, 2015, 2016, 2017

Reference Points			
Type	ID	Asmt Year	Value
TBmsy	TBmsy-est-MT	2012	905,047
SSBmsy	-	-	-
Fmsy	Fmsy-1/yr	2017	0.35
ERmsy	ERmsy-est-ratio	2014	0.219
TBmgt	-	-	-
SSBmgt	SSBmgt-MT	2017	80,000
Fmgt	Fmgt-1/yr	2017	0.35
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	MSY-est-MT	2012	215,806
M	-	-	-
TBlim	-	-	-
SSBlim	SSBlim-MT	2017	80,000
Flim	Flim-1/yr	2017	0.77
ERlim	-	-	-

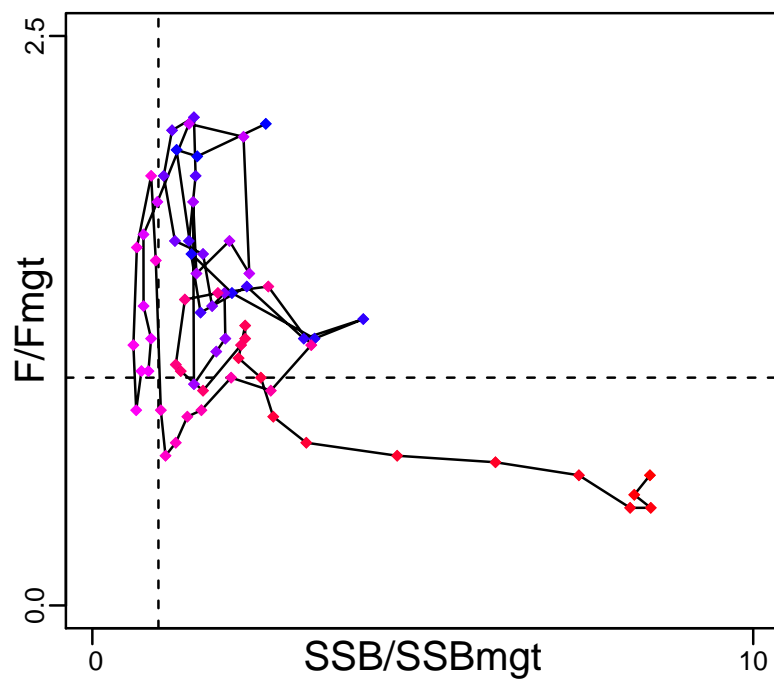
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	TB-MT	2017	743,000	Both	-
SSB	SSB-MT	2017	538,000	Both	-
TN	-	-	-	-	-
R	R-E00	2017	1.89×10^8	-	3
F	F-1/yr	2017	0.2	-	4 to 7
ER	ER-calc-ratio	2017	0.256	-	-
TC	TC-MT	2017	233,000		
TL	TL-MT	2017	233,000		
TB/TBmsy	TB-MT/TBmsy-est-MT	2012	1.16		
SSB/SSBmsy	-	-	-		
F/Fmsy	F-1/yr/Fmsy-1/yr	2017	0.571		
ER/ERmsy	ER-calc-ratio/ERmsy-est-ratio	2014	1.388		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2017	6.725		
F/Fmgt	F-1/yr/Fmgt-1/yr	2017	0.571		
ER/ERmgt	-	-	-		

Haddock North-East Arctic [HADNEAR]

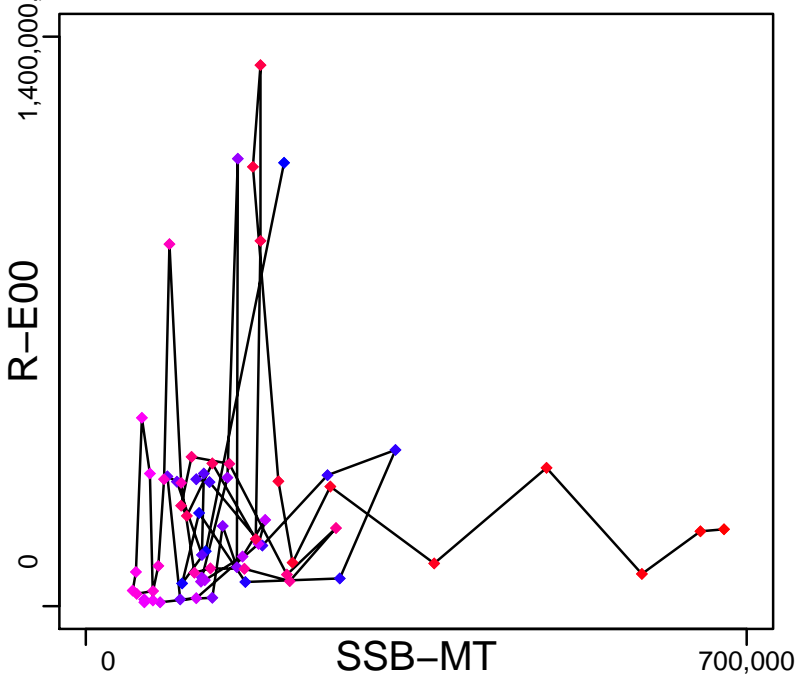
Kobe MSYpref (1947–2017–ICESIMP2018)



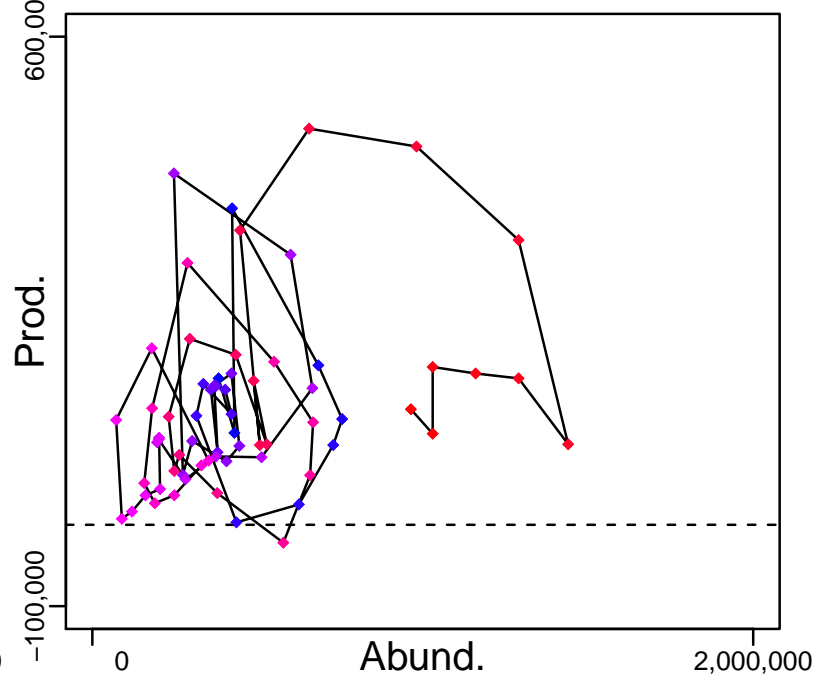
Kobe MGTpref (1947–2017–ICESIMP2018)



Spawner Recruit (1947–2017–ICESIMP2018)



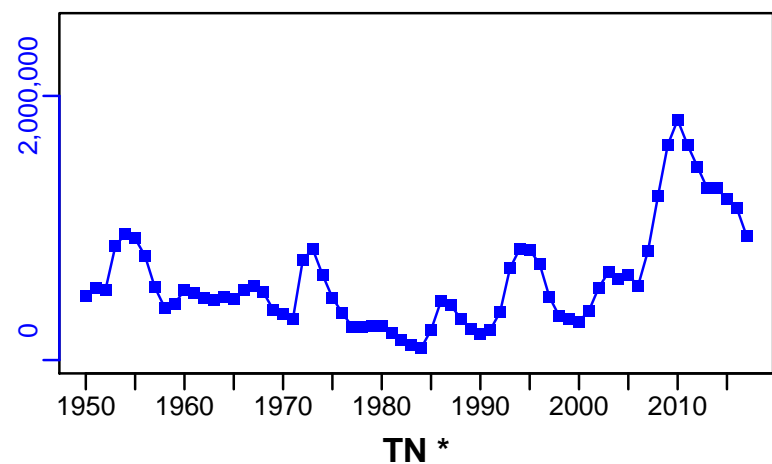
Production (1947–2017–ICESIMP2018)



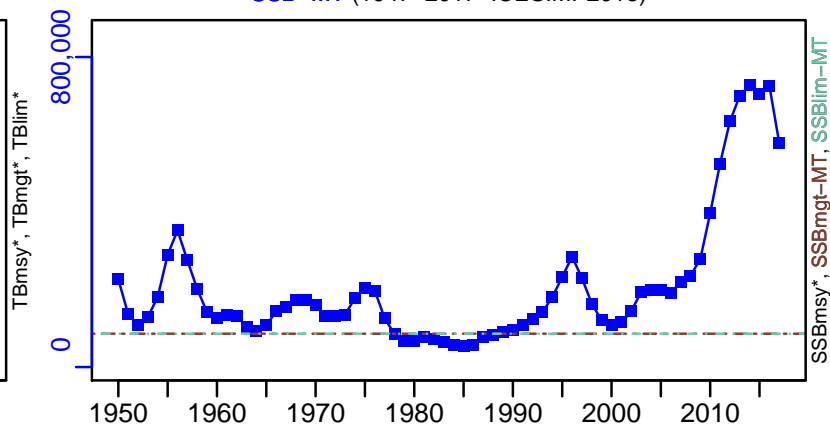
◆ Start Year ◆ End Year * No Data

Haddock North-East Arctic [HADNEAR]

TB-MT (1947-2017-ICESIMP2018)



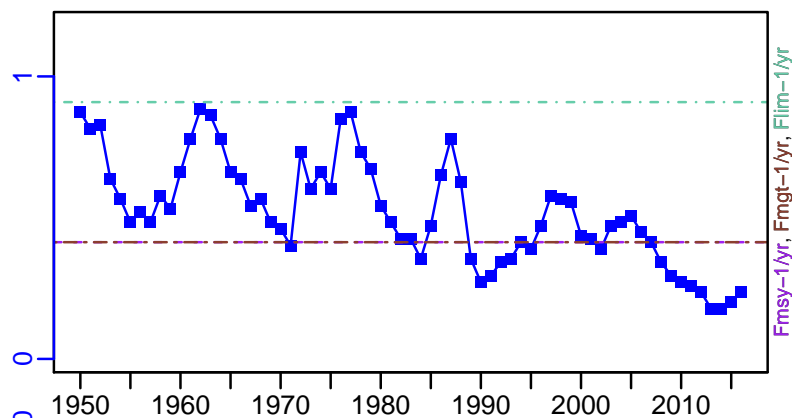
SSB-MT (1947-2017-ICESIMP2018)



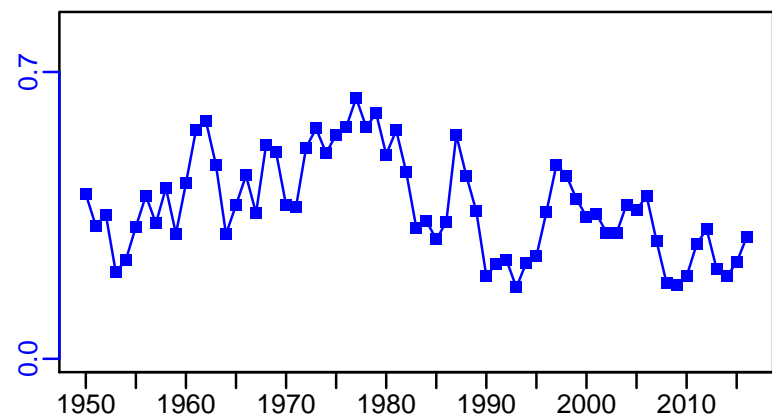
TN *



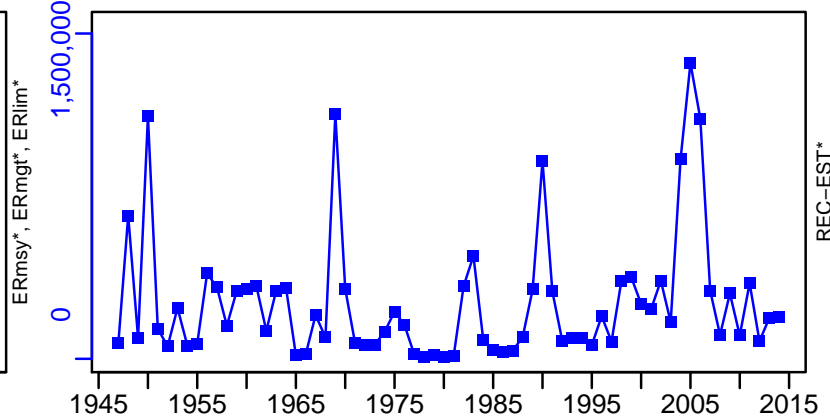
F-1/yr (1947-2017-ICESIMP2018)



ER-calc-ratio (1947-2017-ICESIMP2018)

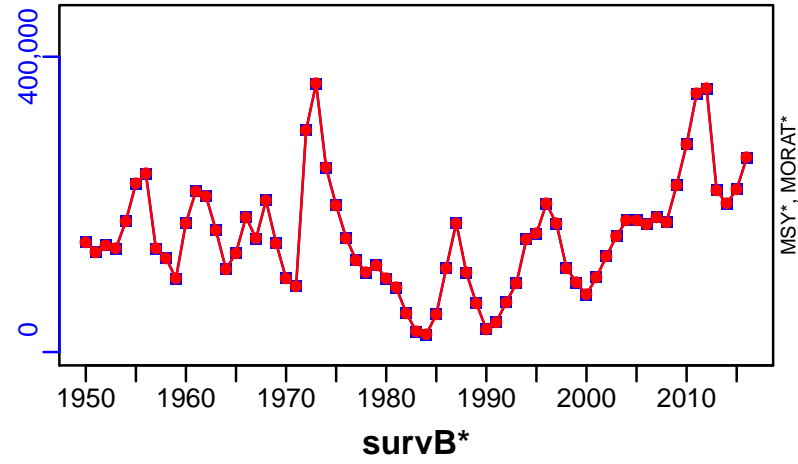


R-E00 (1947-2017-ICESIMP2018)



Haddock North-East Arctic [HADNEAR]

TC-MT, TL-MT, RecC* (1947-2017-ICESIMP2018)



TAC*, Cpair*, Cadv*



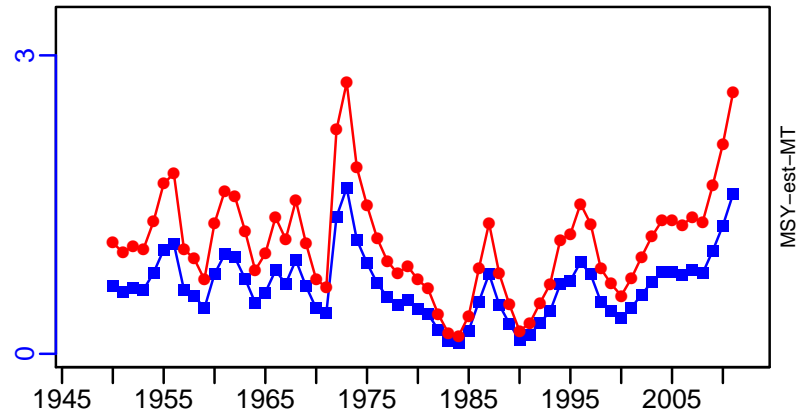
CPUE*



EFFORT*



TL-MT/MSY-est-MT, CdivMEANC-ratio, (1947-2012-CHING)



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

Herring Iceland (Summer spawners) [HERRIsum]

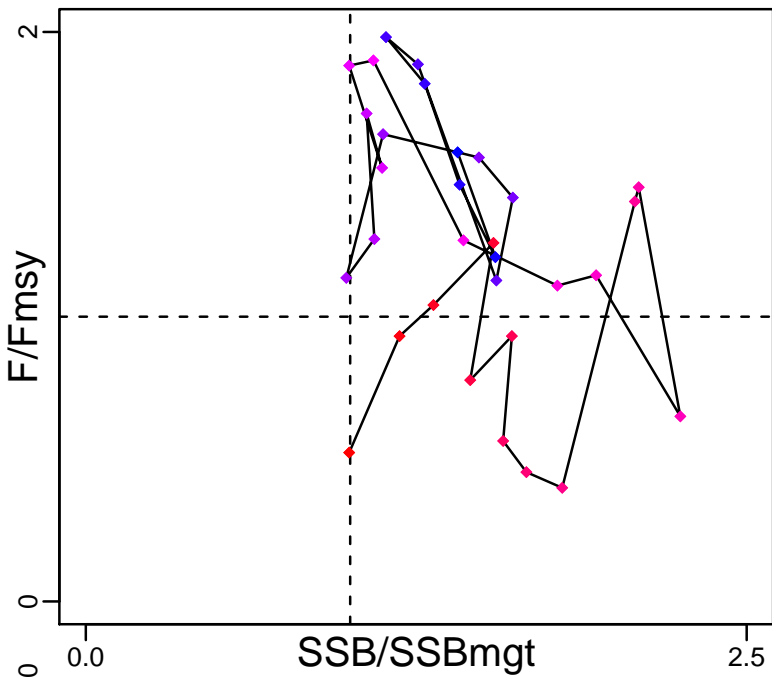
Metadata	
Scientific Name	Clupea harengus
Current Assess ID	NWWG-HERRIsum-1984-2018-ICESIMP2018
Area	Iceland (Summer spawners)
Management Authority	International Council for the Exploration of the Sea
Assessor	North-Western Working Group
Asmts in RAM	2011, 2013, 2014, 2016, 2017, 2018, 2015

Reference Points			
Type	ID	Asmt Year	Value
TBmsy	TBmsy-est-MT	2015	538,484
SSBmsy	-	-	-
Fmsy	Fmsy-1/yr	2018	0.22
ERmsy	ERmsy-est-ratio	2018	0.24
TBmgt	-	-	-
SSBmgt	SSBmgt-MT	2018	273,000
Fmgt	Fmgt-1/yr	2018	0.22
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	MSY-est-MT	2015	107,089
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	-	-	-

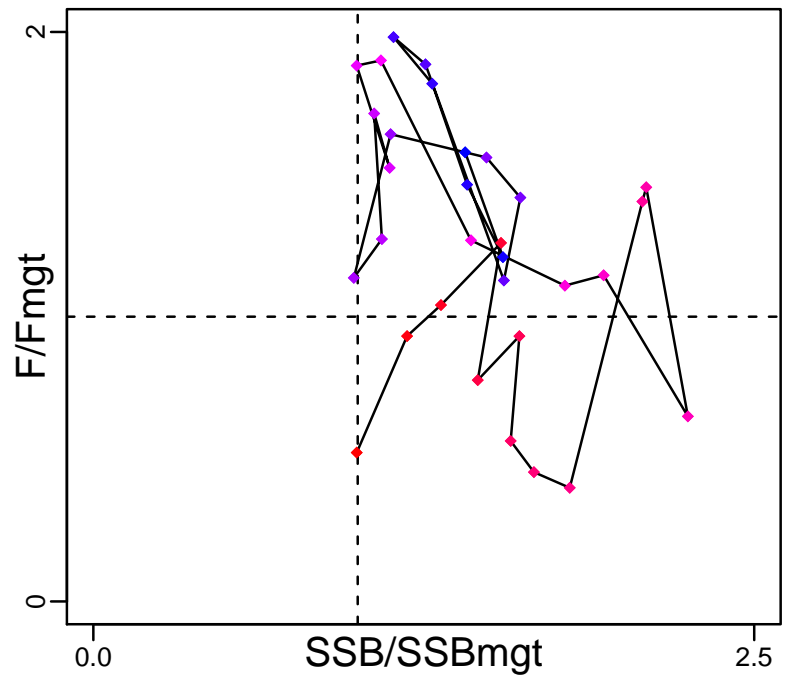
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	TB-MT	2015	438,000	Both	3+
SSB	SSB-MT	2018	222,000	Both	-
TN	-	-	-	-	-
R	R-E00	2018	4.96×10^8	-	3
F	F-1/yr	2018	0.115	-	-
ER	ER-calc-ratio	2018	0.08	-	-
TC	TC-MT	2018	35,000		
TL	TL-MT	2018	35,000		
TB/TBmsy	TB-MT/TBmsy-est-MT	2015	0.813		
SSB/SSBmsy	-	-	-		
F/Fmsy	F-1/yr/Fmsy-1/yr	2018	0.523		
ER/ERmsy	ER-calc-ratio/ERmsy-est-ratio	2018	0.335		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2018	0.813		
F/Fmgt	F-1/yr/Fmgt-1/yr	2018	0.523		
ER/ERmgt	-	-	-		

Herring Iceland (Summer spawners) [HERRIsum]

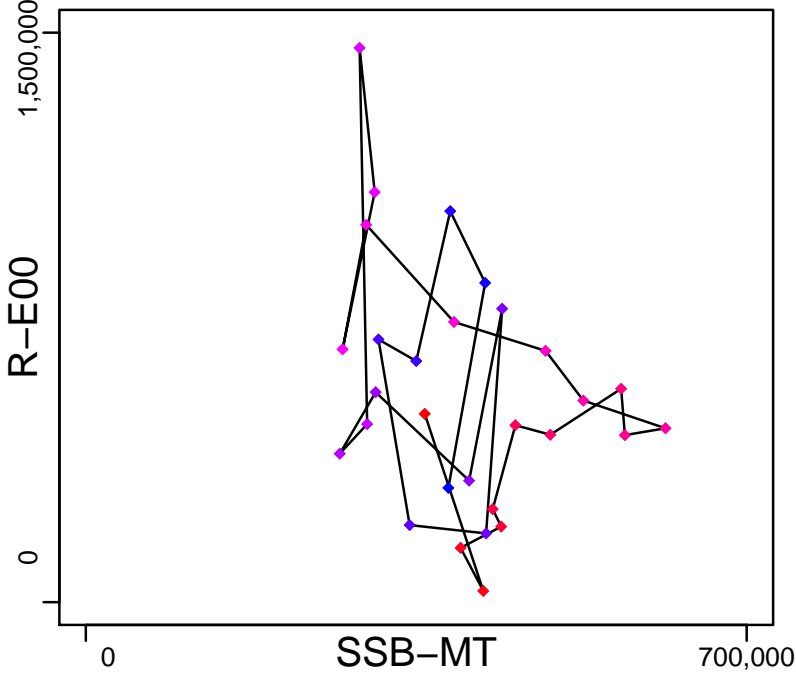
Kobe MSYpref (1984–2018–ICESIMP2018)



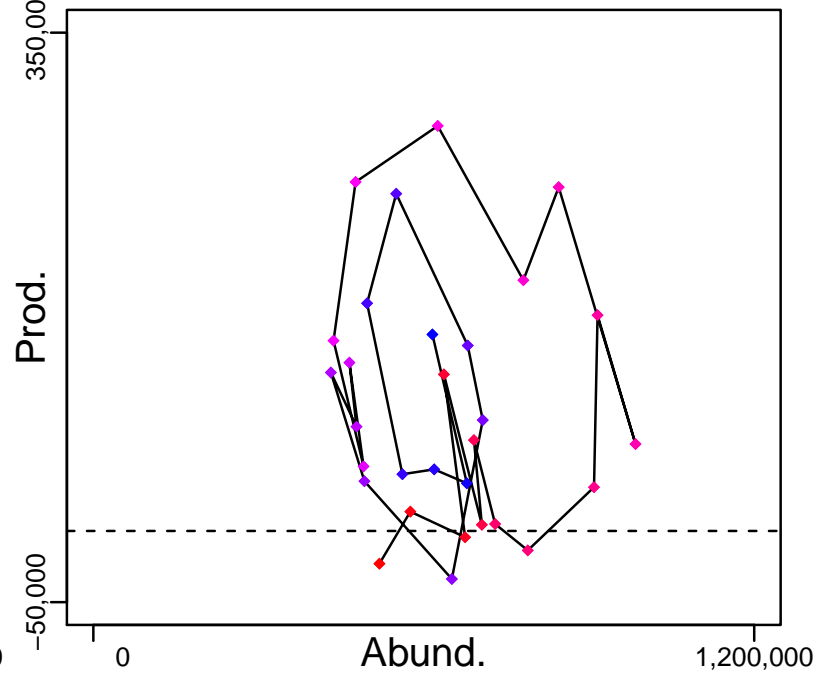
Kobe MGTpref (1984–2018–ICESIMP2018)



Spawner Recruit (1984–2018–ICESIMP2018)



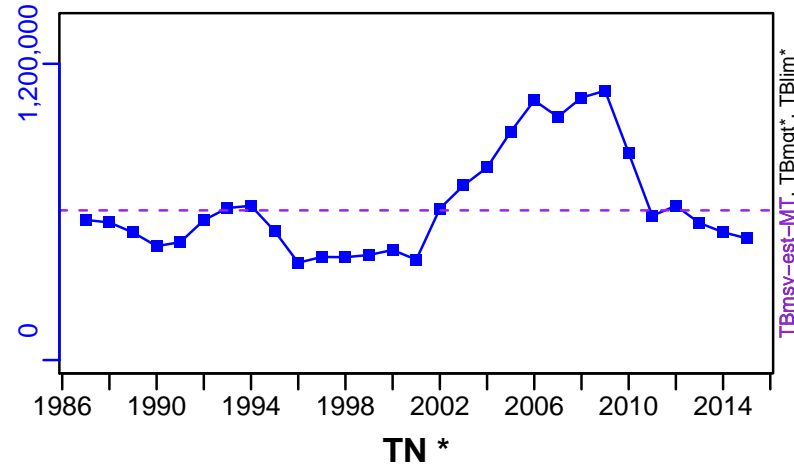
Production (1984–2018–ICESIMP2018)



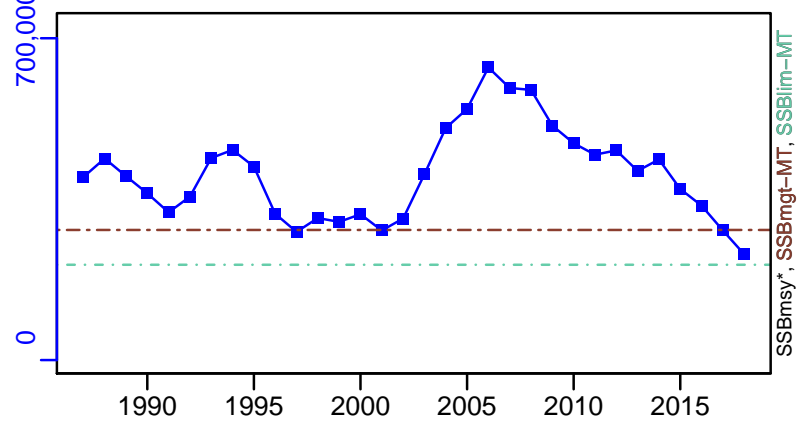
◆ Start Year ◆ End Year * No Data

Herring Iceland (Summer spawners) [HERRIsum]

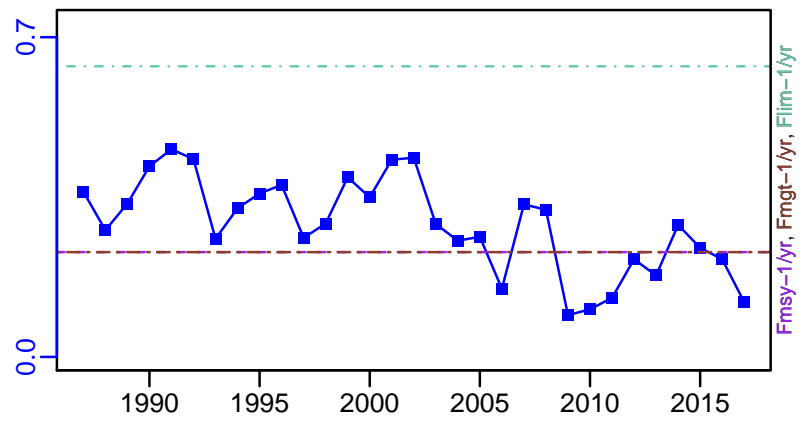
TB-MT (1987–2015–ICESIMP2016)



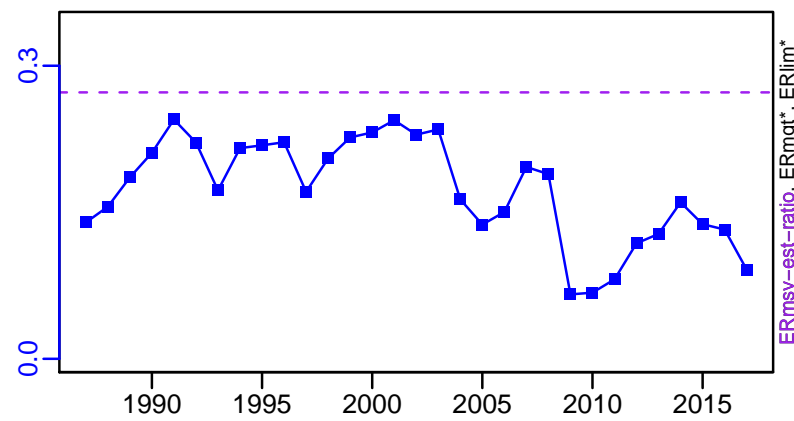
SSB-MT (1984–2018–ICESIMP2018)



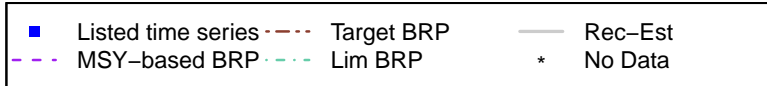
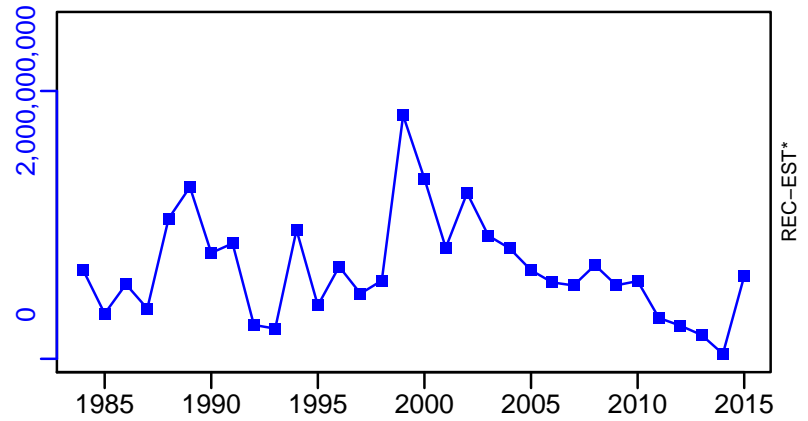
F-1/yr (1984–2018–ICESIMP2018)



ER-calc-ratio (1984–2018–ICESIMP2018)

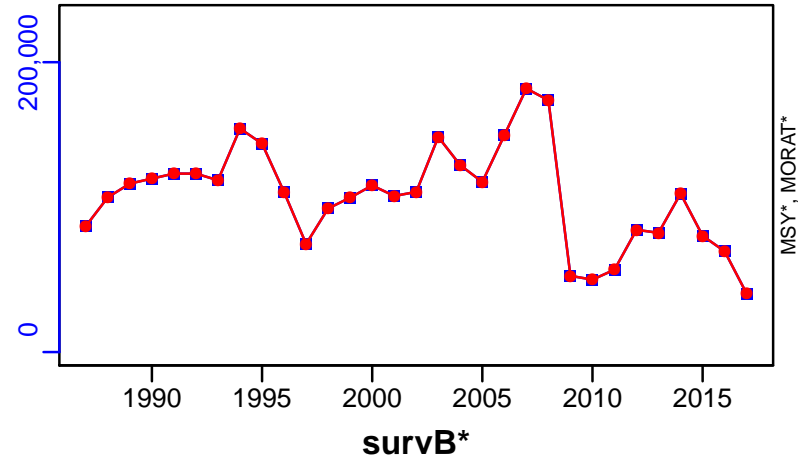


R-E00 (1984–2018–ICESIMP2018)



Herring Iceland (Summer spawners) [HERRIsum]

TC-MT, TL-MT, RecC* (1984–2018–ICESIMP2018)



TAC*, Cpair*, Cadv*



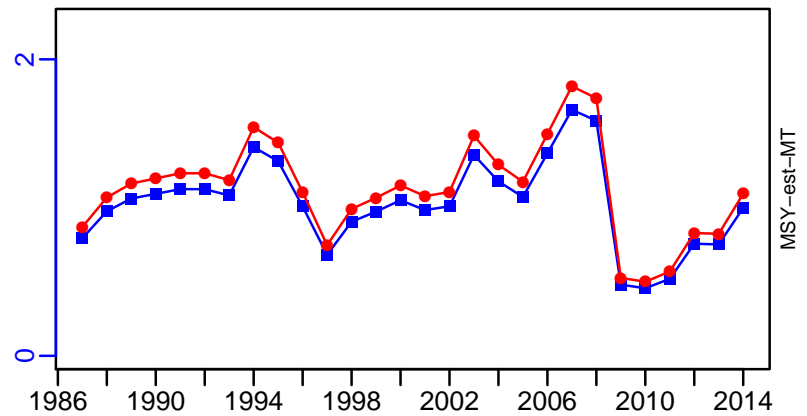
CPUE*



EFFORT*



TC-MT/MSY-est-MT, CdivMEANC-ratio, (1987–2015–ICESIMP2016)



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

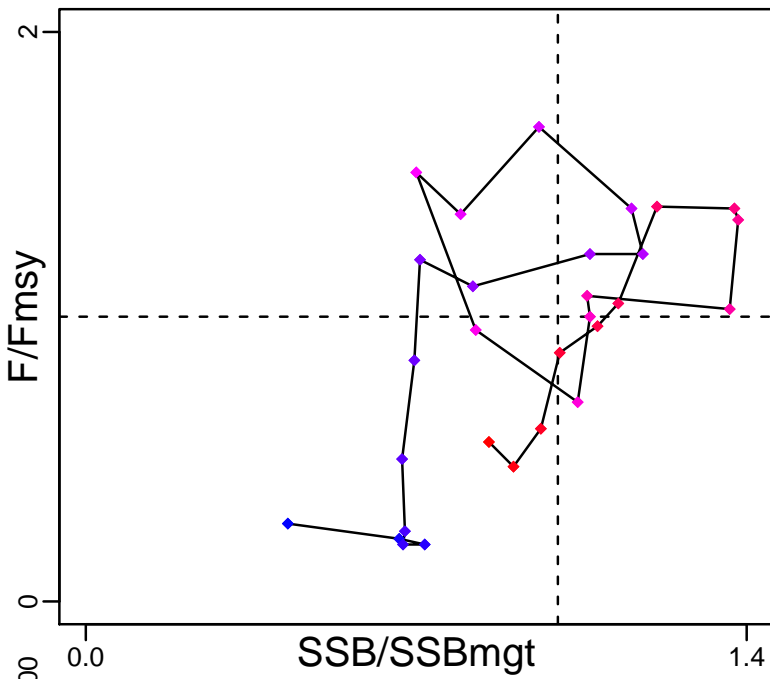
Metadata	
Scientific Name	Clupea harengus
Current Assess ID	WGWIDE-HERRNORSS-1986-2017-ICESIMP2018
Area	ICES 1-2-4a-5-14a (Norwegian Spring Spawners)
Management Authority	International Council for the Exploration of the Sea
Assessor	Working Group on Widely Distributed Stocks
Asmts in RAM	2014, 2016, 2017, 2013, 2015

Reference Points			
Type	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	-	-	-
Fmsy	Fmsy-1/yr	2017	0.15
ERmsy	ERmsy-est-ratio	2017	0.115
TBmgt	-	-	-
SSBmgt	SSBmgt-MT	2017	5×10^6
Fmgt	Fmgt-1/yr	2017	0.125
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	-	-	-
M	-	-	-
TBlim	-	-	-
SSBlim	SSBlim-MT	2017	2,500,000
Flim	-	-	-
ERlim	-	-	-

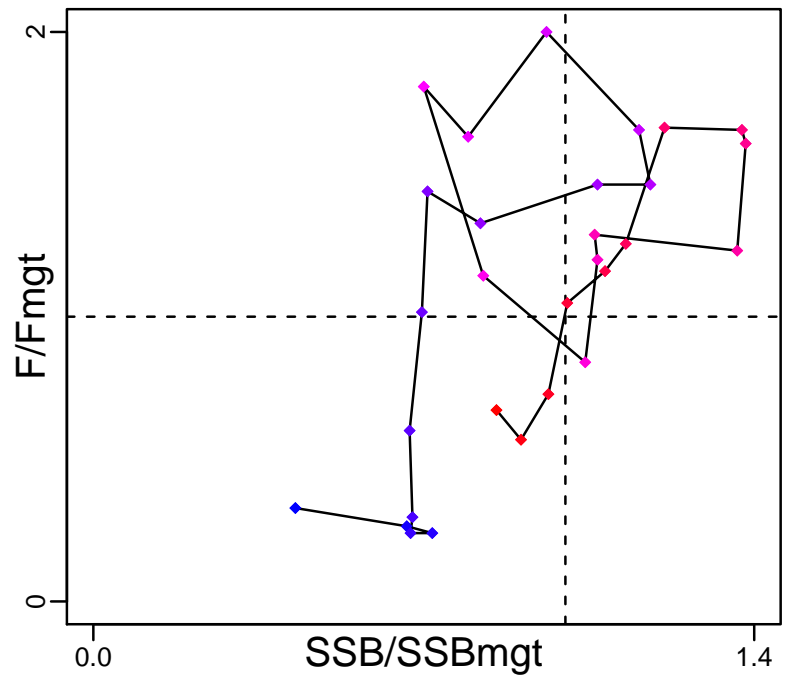
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	TB-MT	2017	5,470,000	Both	-
SSB	SSB-MT	2017	4,130,000	Both	-
TN	-	-	-	-	-
R	R-E00	2017	9.51×10^9	-	2
F	F-1/yr	2017	0.084	-	5 to 11
ER	ER-calc-ratio	2017	0.07	-	-
TC	TC-MT	2017	383,000		
TL	TL-MT	2017	383,000		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	F-1/yr/Fmsy-1/yr	2017	0.56		
ER/ERmsy	ER-calc-ratio/ERmsy-est-ratio	2017	0.612		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2017	0.826		
F/Fmgt	F-1/yr/Fmgt-1/yr	2017	0.672		
ER/ERmgt	-	-	-		

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

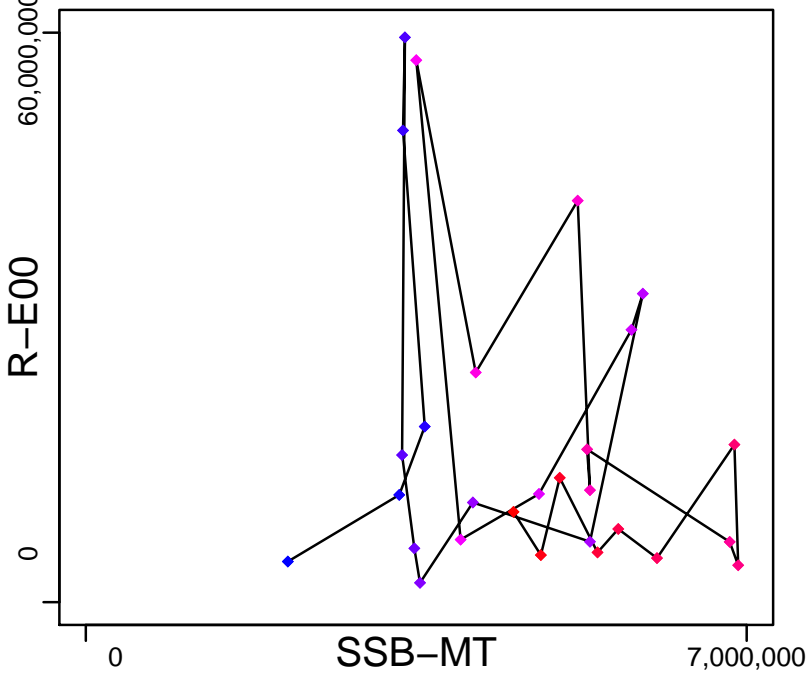
Kobe MSYpref (1986-2017-ICESIMP2018)



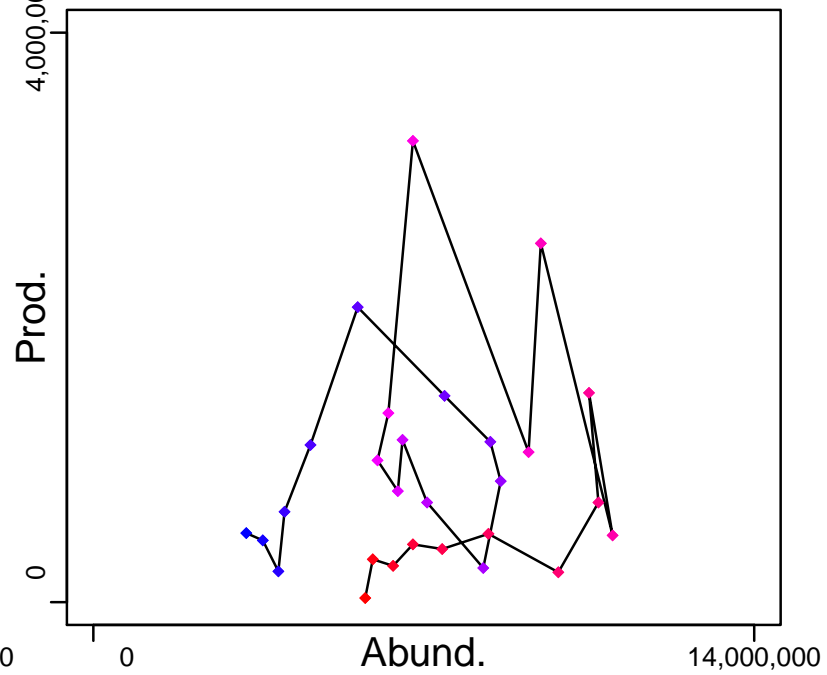
Kobe MGTpref (1986-2017-ICESIMP2018)



Spawner Recruit (1986-2017-ICESIMP2018)



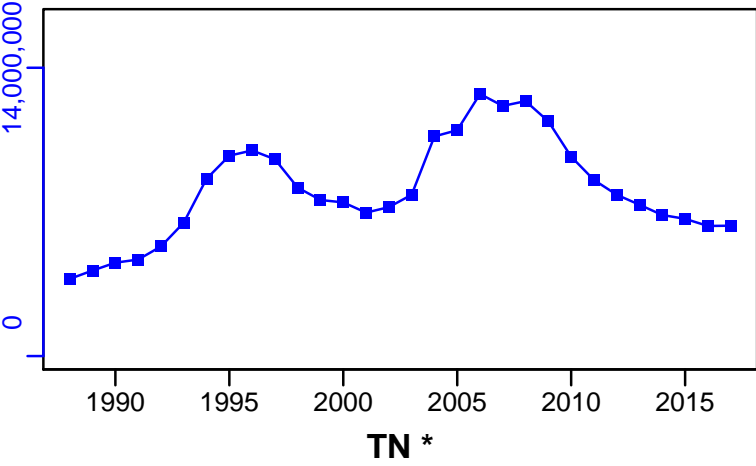
Production (1986-2017-ICESIMP2018)



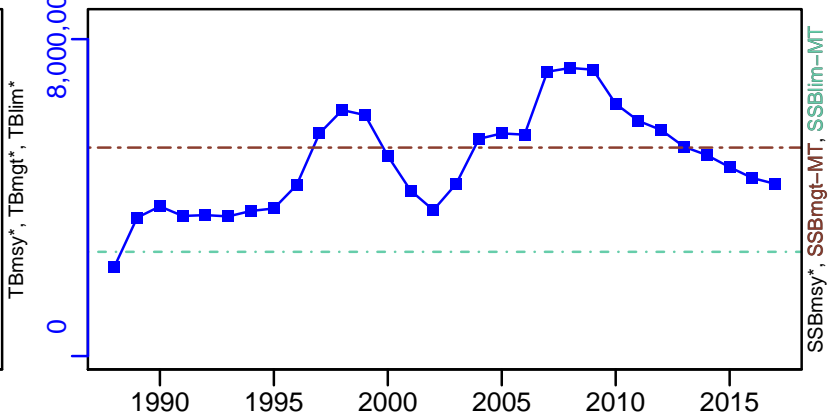
◆ Start Year ◆ End Year * No Data

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

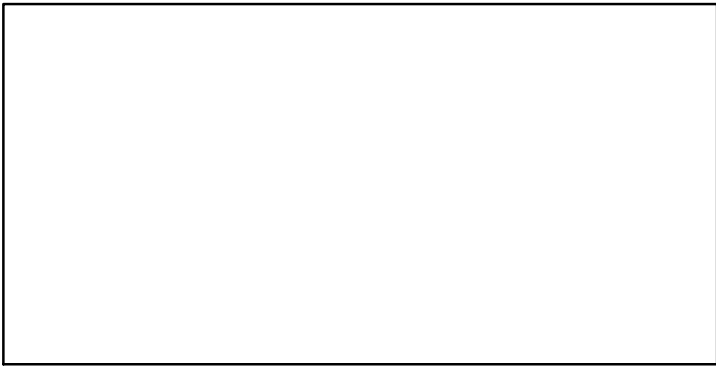
TB-MT (1986-2017-ICESIMP2018)



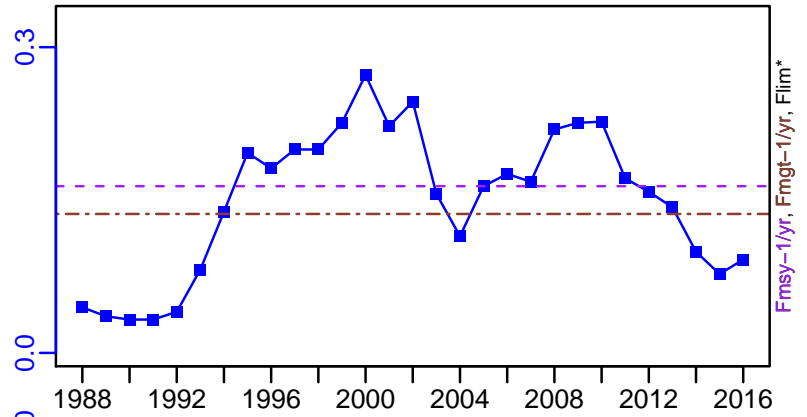
SSB-MT (1986-2017-ICESIMP2018)



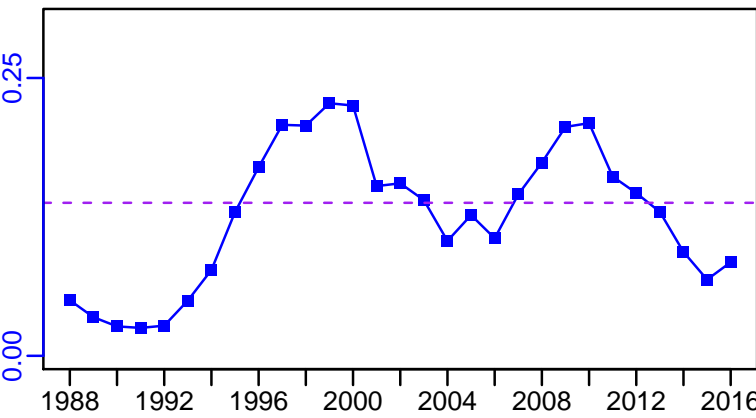
TN *



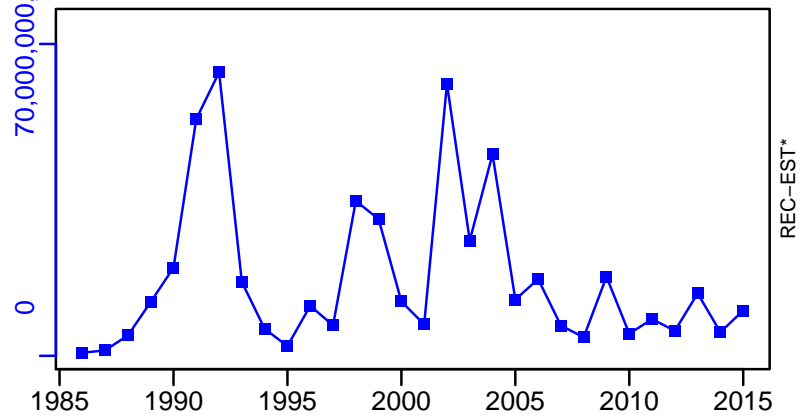
F-1/yr (1986-2017-ICESIMP2018)



ER-calc-ratio (1986-2017-ICESIMP2018)

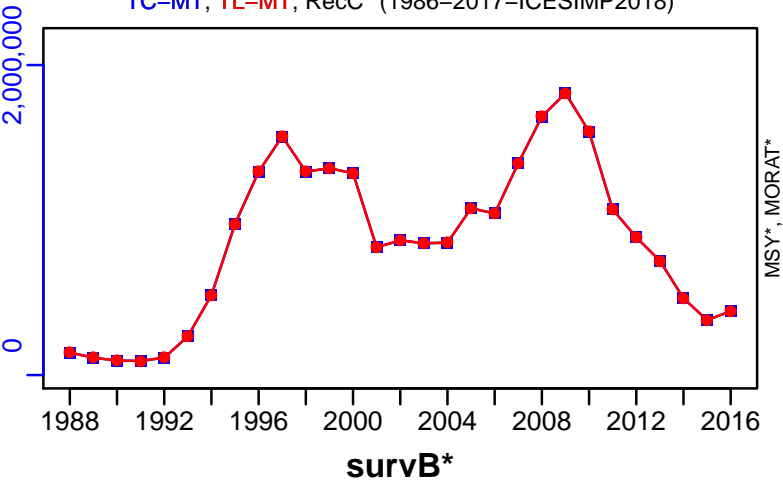


R-E00 (1986-2017-ICESIMP2018)



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

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



TAC*, Cpair*, Cadv*



CPUE*



EFFORT*



CdivMSY*



Ling North-East Arctic [LINGI-II]

Metadata	
Scientific Name	Molva molva
Current Assess ID	WGDEEP-LINGI-II-1988-2016-ICESIMP2018
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

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	-	-	-		
TL	TL-MT	2016	8820		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

Kobe MSY*



Kobe MGT*



Spawner Recruit*



Production*



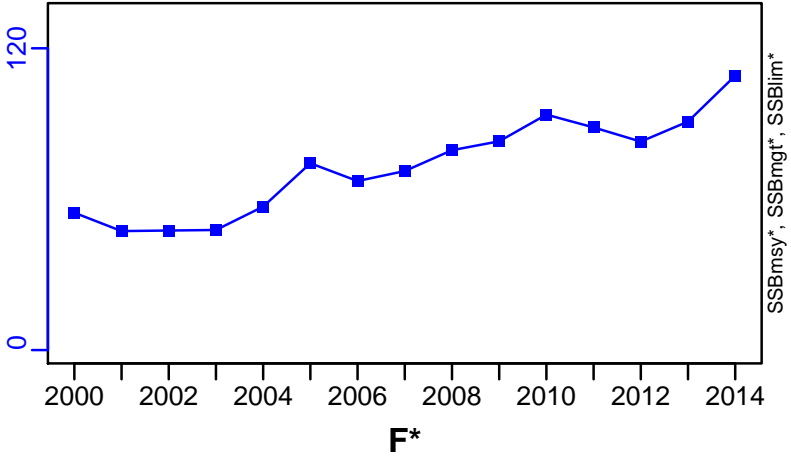
◆ Start Year ◆ End Year * No Data

Ling North-East Arctic [LINGI-II]

TB*



SSB-index (1988–2014–ICESIMP2018)



TN *



F*



ER*

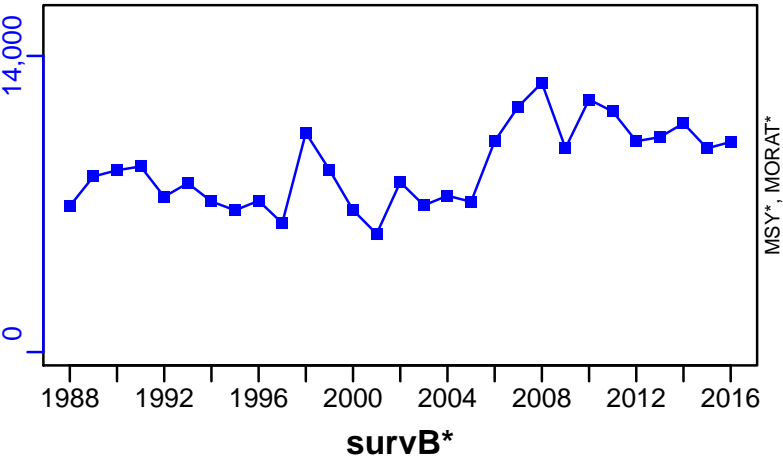


Recruits*



Ling North-East Arctic [LINGI-II]

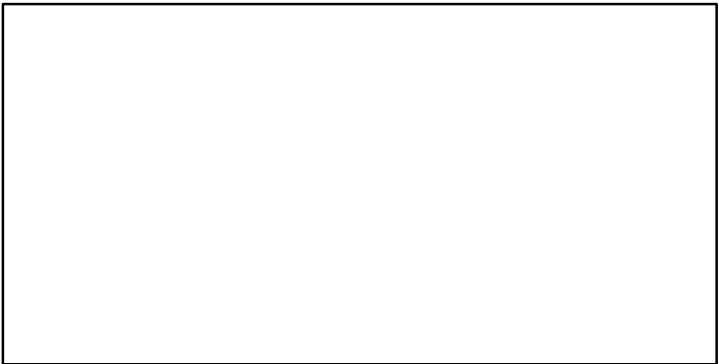
TL-MT, TC*, RecC* (1988–2016–ICESIMP2018)



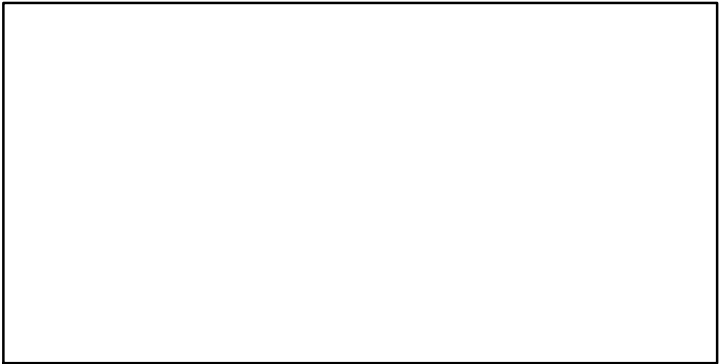
TAC*, Cpair*, Cadv*



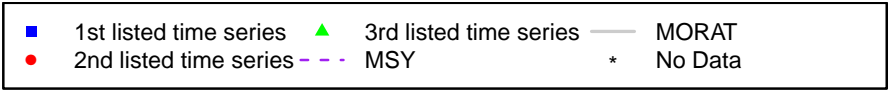
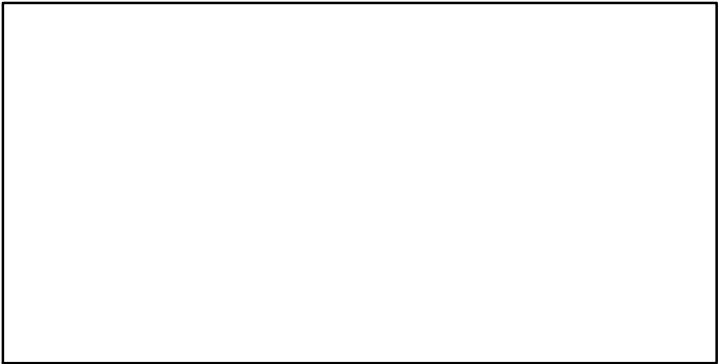
CPUE*



EFFORT*



CdivMSY*



Ling Iceland Grounds [LINGVa]

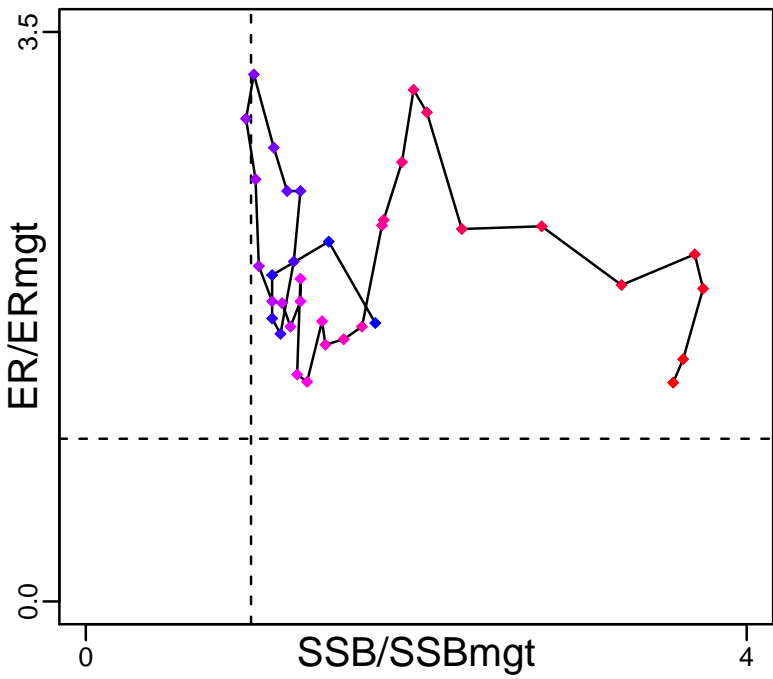
Metadata	
Scientific Name	Molva molva
Current Assess ID	WGDEEP-LINGVa-1979-2018-ICESIMP2018
Area	Iceland Grounds
Management Authority	International Council for the Exploration of the Sea
Assessor	Working Group on the Biology and Assessment of Deep-Sea Fisheries Resources
Asmts in RAM	2014, 2017, 2018, 2015, 2016

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

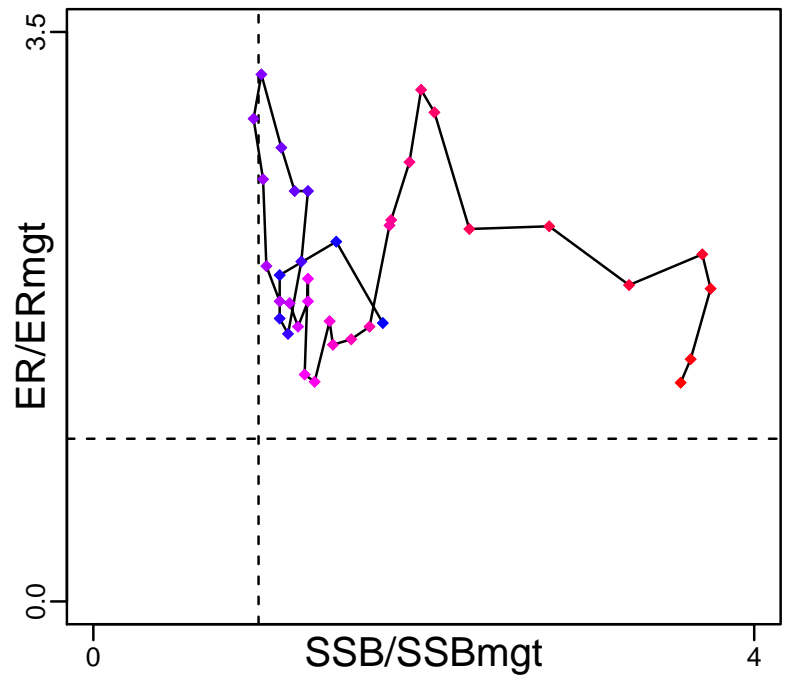
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	TB-MT	2016	56,100	Both	-
SSB	SSB-MT	2018	34,200	Both	-
TN	-	-	-	-	-
R	R-E00	2018	5,440,000	-	3
F	F-1/yr	2016	0.28	-	-
ER	ER-ratio	2018	0.242	-	-
TC	TC-MT	2018	8770		
TL	TL-MT	2014	11,700		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	F-1/yr/Fmsy-1/yr	2016	1.167		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2018	3.444		
F/Fmgt	F-1/yr/Fmgt-1/yr	2016	1.167		
ER/ERmgt	-	-	-		

Ling Iceland Grounds [LINGVa]

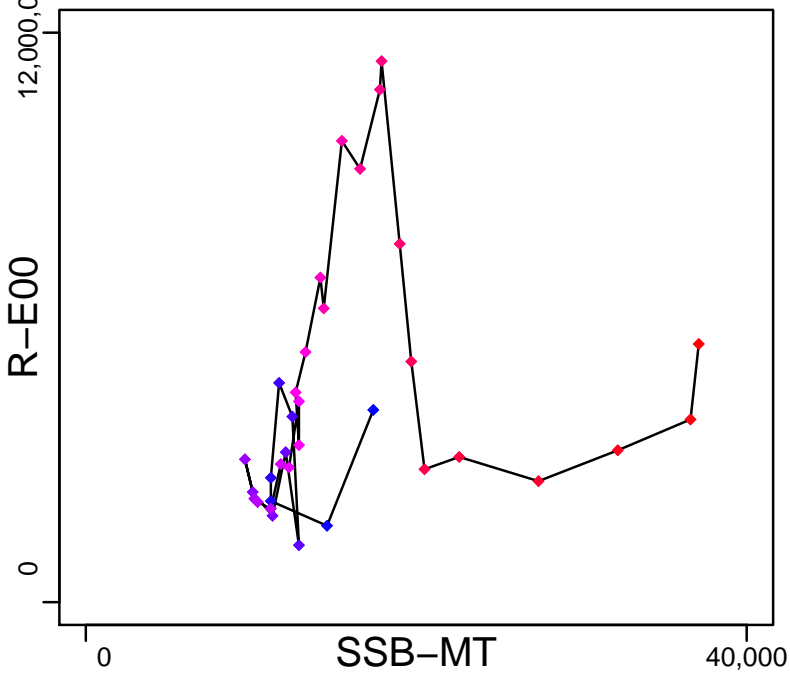
Kobe MSYpref (1979–2018–ICESIMP2018)



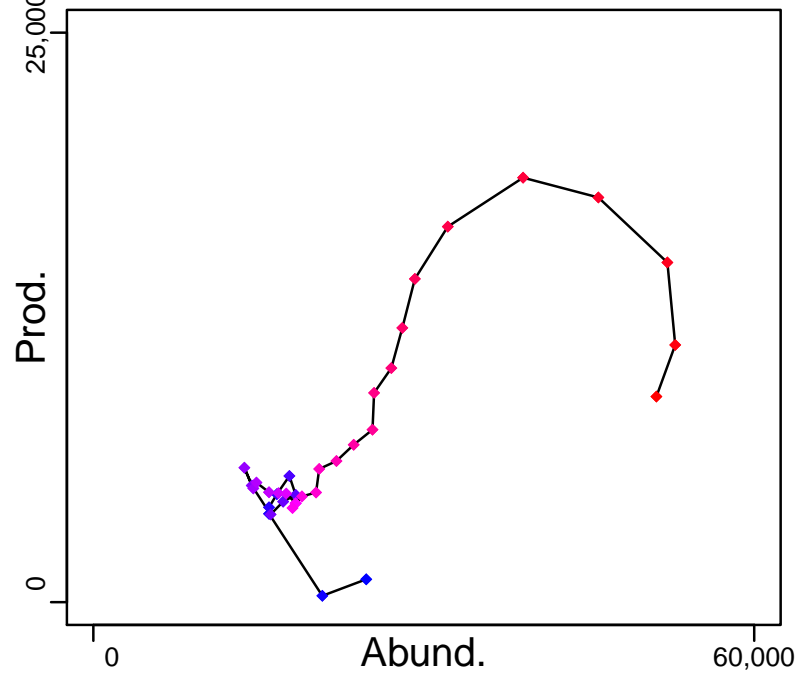
Kobe MGTpref (1979–2018–ICESIMP2018)



Spawner Recruit (1979–2018–ICESIMP2018)



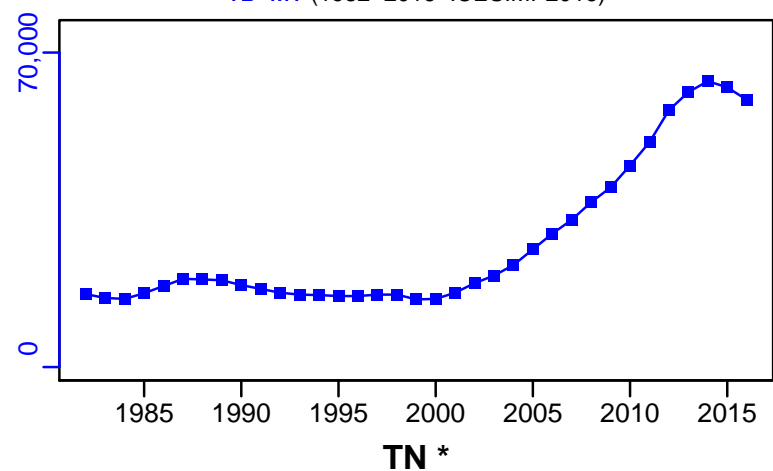
Production (1979–2018–ICESIMP2018)



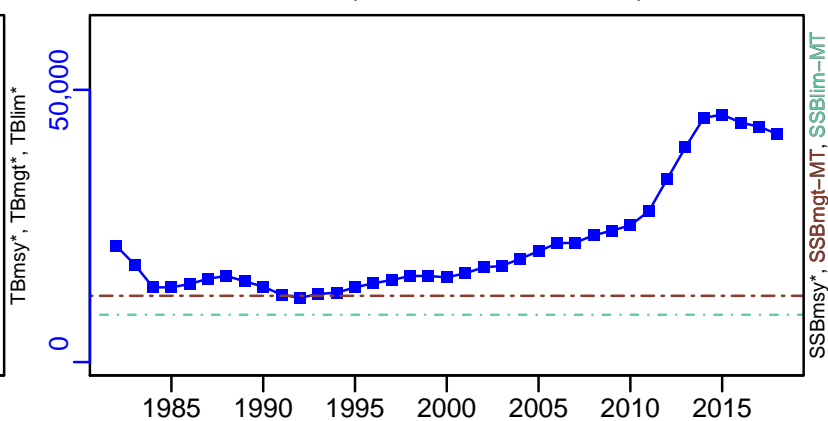
◆ Start Year ◆ End Year * No Data

Ling Iceland Grounds [LINGVa]

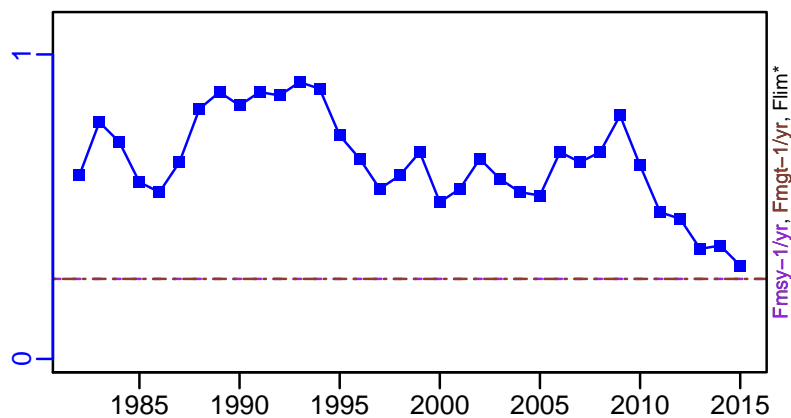
TB-MT (1982–2016–ICESIMP2016)



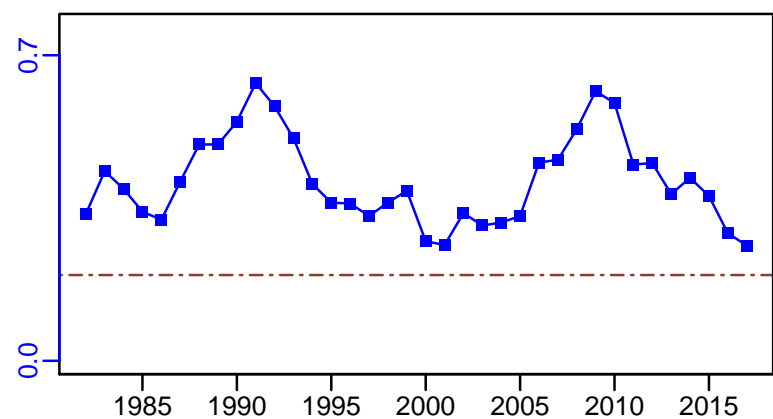
SSB-MT (1979–2018–ICESIMP2018)



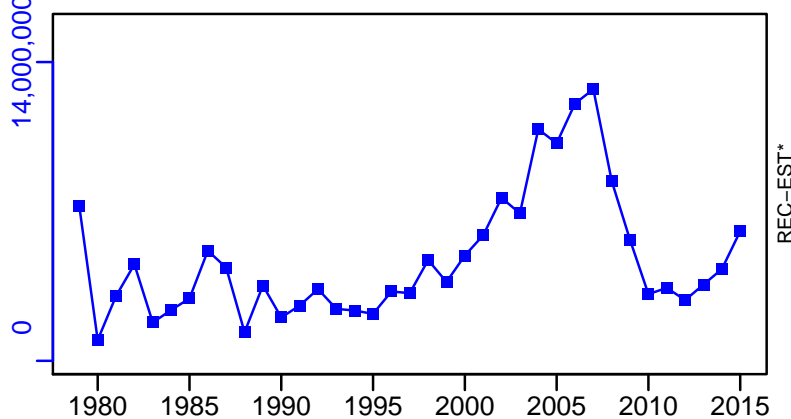
F-1/yr (1982–2016–ICESIMP2016)



ER-ratio (1979–2018–ICESIMP2018)

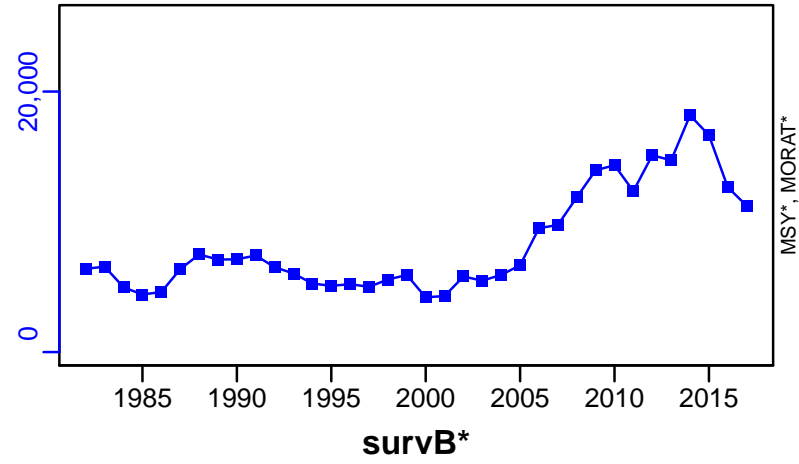


R-E00 (1979–2018–ICESIMP2018)



Ling Iceland Grounds [LINGVa]

TC-MT, TL*, RecC* (1979-2018-ICESIMP2018)



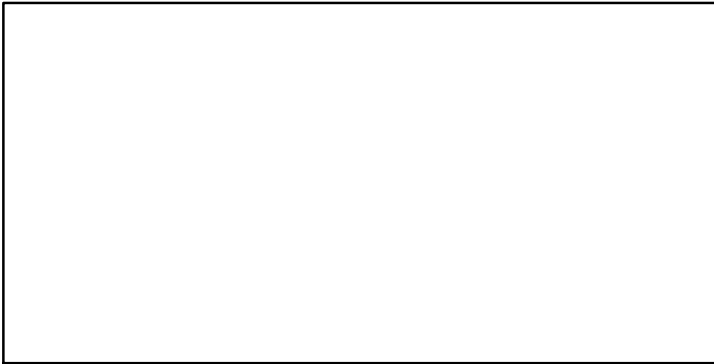
TAC*, Cpair*, Cadv*



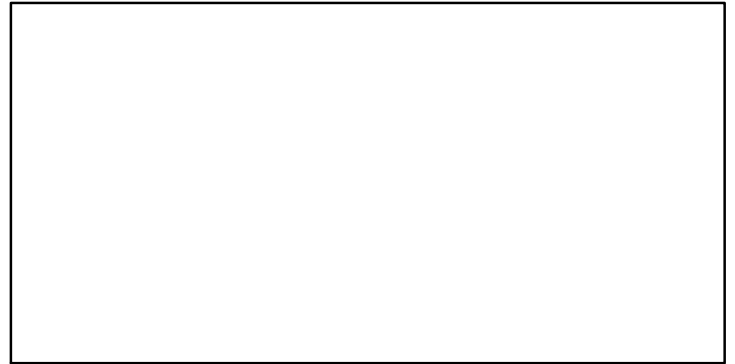
CPUE*



EFFORT*



CdivMSY*



Ling Faroe Grounds [LINGVb]

Metadata	
Scientific Name	Molva molva
Current Assess ID	WGDEEP-LINGVb-1988-2016-ICESIMP2018
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

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	2016	5890		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

Kobe MSY*



Kobe MGT*



Spawner Recruit*



Production*



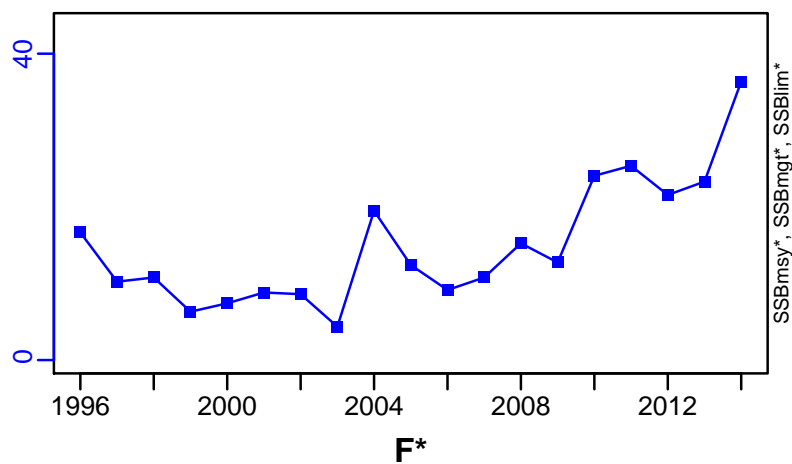
◆ Start Year ◆ End Year * No Data

Ling Faroe Grounds [LINGVb]

TB*



SSB-index (1965–2014–ICESIMP2018)



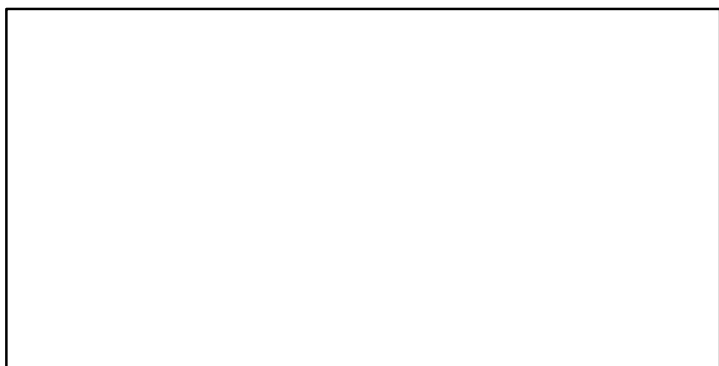
TN *



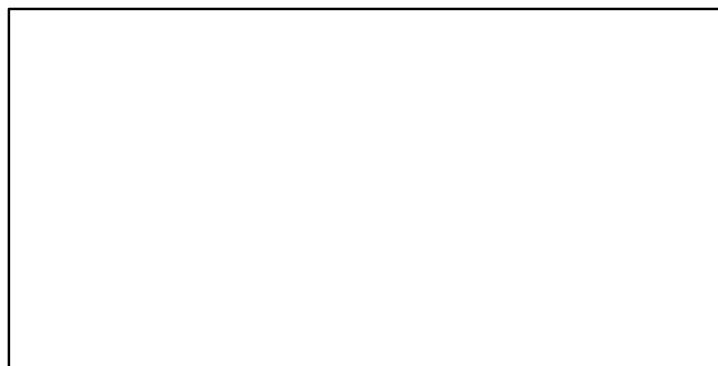
F*



ER*

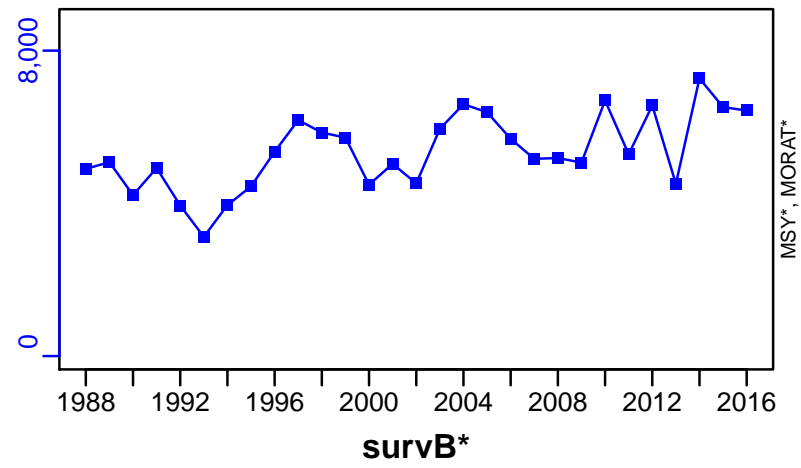


Recruits*



Ling Faroe Grounds [LINGVb]

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



TAC*, Cpair*, Cadv*



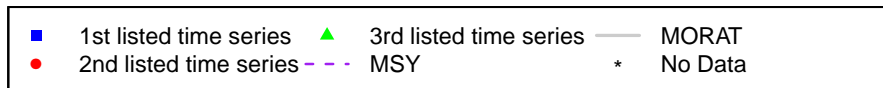
CPUE*



EFFORT*



CdivMSY*



Northern shrimp North-East Arctic [PANDALI-II]

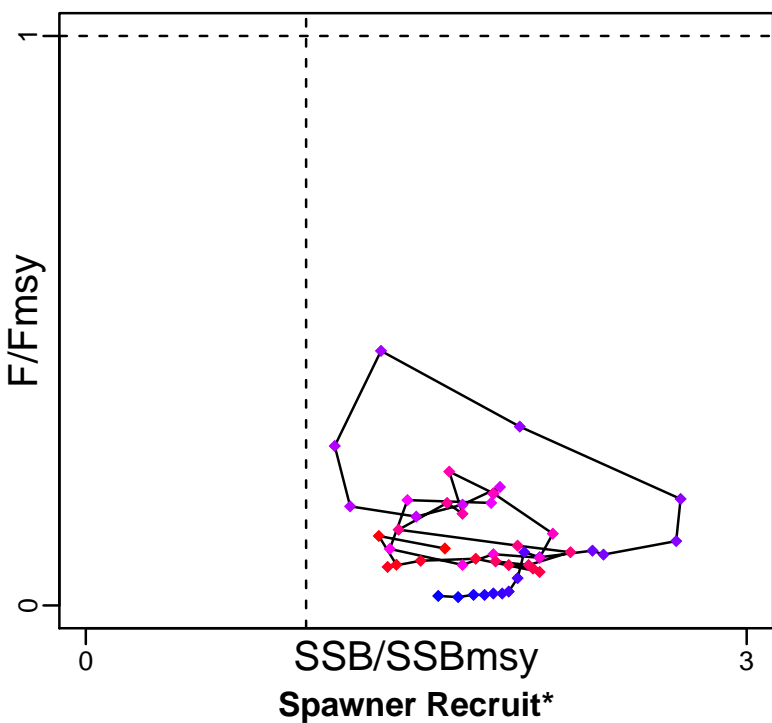
Metadata	
Scientific Name	Pandalus borealis
Current Assess ID	NIPAG-PANDALI-II-1970-2017-ICESIMP2018
Area	North-East Arctic
Management Authority	International Council for the Exploration of the Sea
Assessor	Joint NAFO and ICES Pandalus Assessment Working Group
Asmts in RAM	2014, 2015, 2016, 2017

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

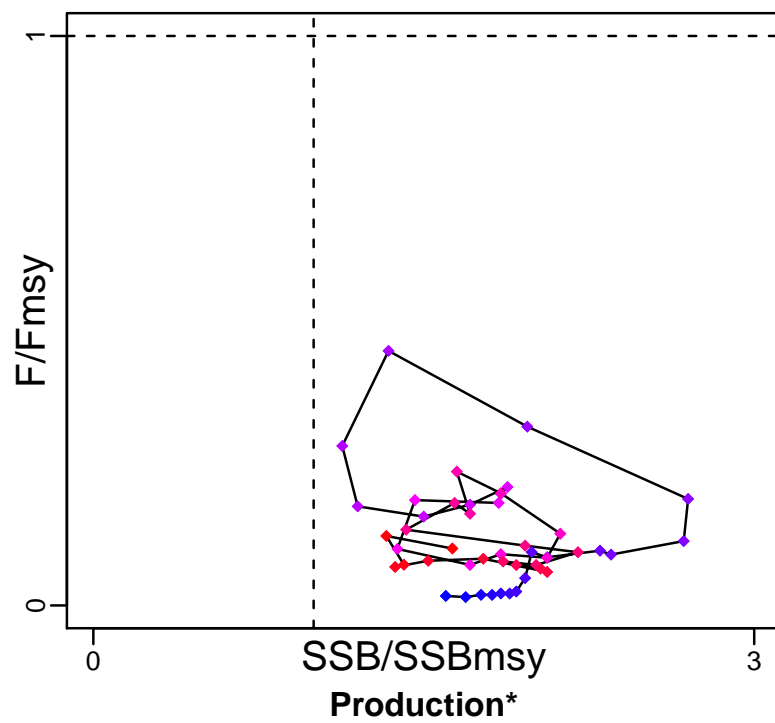
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	-	-	-	-	-
SSB	-	-	-	-	-
TN	-	-	-	-	-
R	R-E00	2015	0	-	0
F	-	-	-	-	-
ER	-	-	-	-	-
TC	TC-MT	2017	28,000		
TL	TL-MT	2017	28,000		
TB/TBmsy	-	-	-		
SSB/SSBmsy	SSBdivSSBmsy-dimensionless	2017	1.68		
F/Fmsy	FdivFmsy-dimensionless	2017	0.1		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

Northern shrimp North-East Arctic [PANDALI-II]

Kobe MSYpref (1970–2017–ICESIMP2018)



Kobe MGTpref (1970–2017–ICESIMP2018)



◆ Start Year ◆ End Year * No Data

Northern shrimp North-East Arctic [PANDALI-II]

TB*



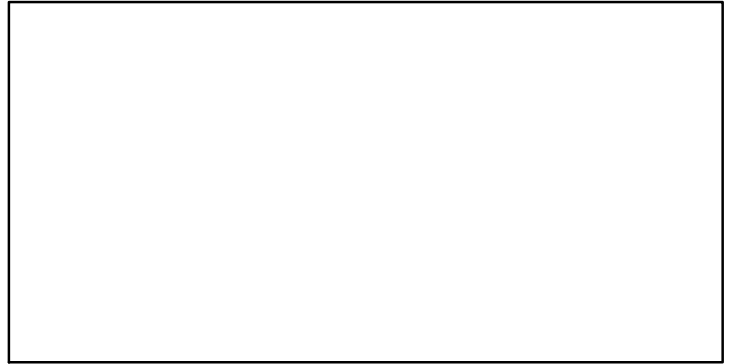
SSB*



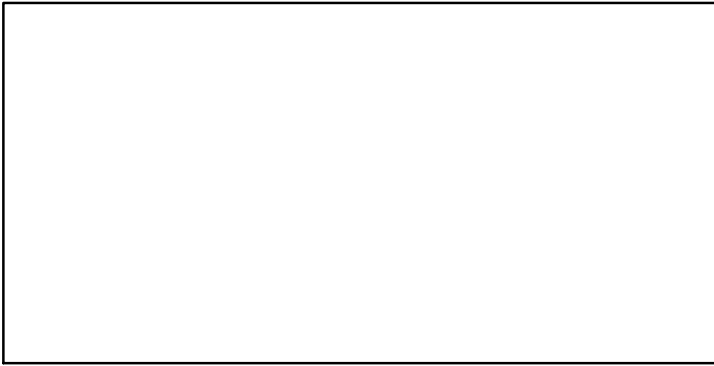
TN *



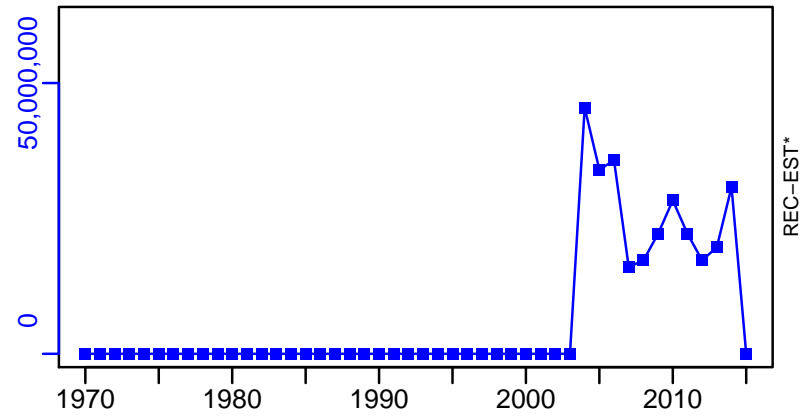
F*



ER*



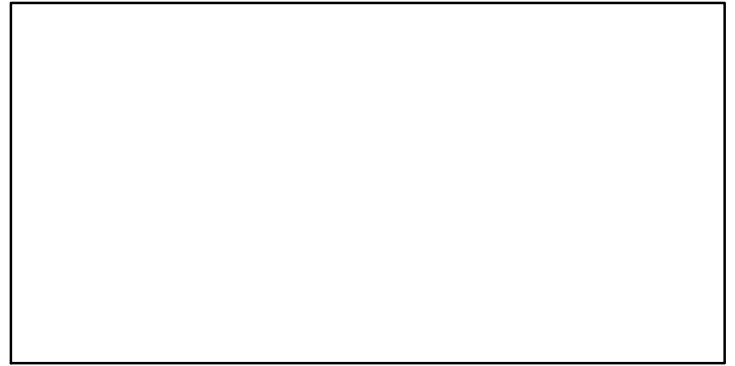
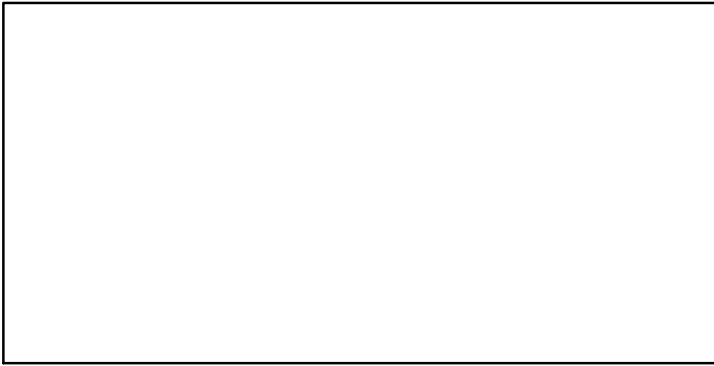
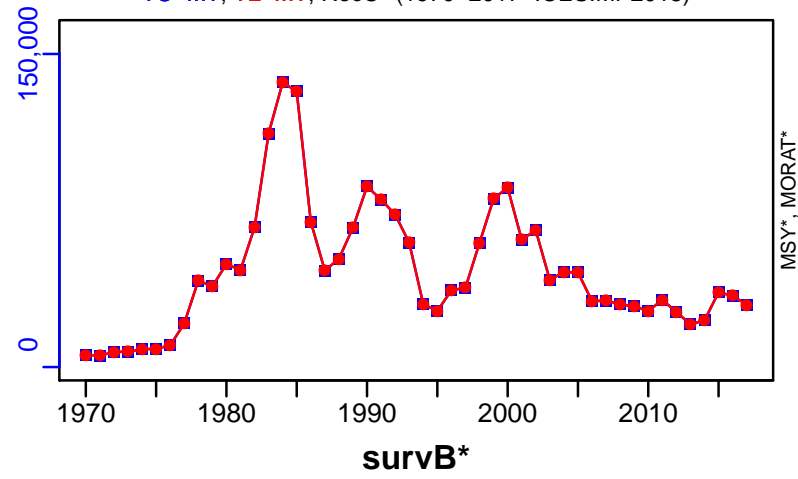
R-E00 (1970–2015–ICESIMP2018)



Northern shrimp North-East Arctic [PANDALI-II]

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

TAC*, Cpair*, Cadv*



Pollock Faroe Plateau [POLLFAPL]

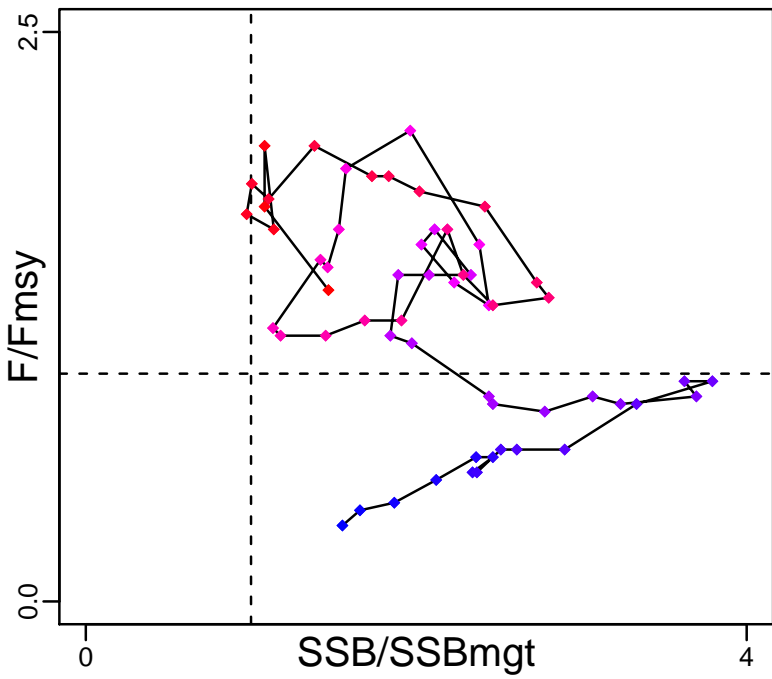
Metadata	
Scientific Name	Pollachius virens
Current Assess ID	NWWG-POLLFAPL-1958-2018-ICESIMP2018
Area	Faroe Plateau
Management Authority	International Council for the Exploration of the Sea
Assessor	North-Western Working Group
Asmts in RAM	2012, 2013, 2014, 2015, 2016, 2017, 2018

Reference Points			
Type	ID	Asmt Year	Value
TBmsy	TBmsy-est-MT	2012	250,124
SSBmsy	-	-	-
Fmsy	Fmsy-1/yr	2018	0.3
ERmsy	ERmsy-est-ratio	2018	0.656
TBmgt	-	-	-
SSBmgt	SSBmgt-MT	2018	41,400
Fmgt	Fmgt-1/yr	2018	0.3
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	MSY-est-MT	2012	43,140
M	-	-	-
TBlim	-	-	-
SSBlim	SSBlim-MT	2018	29,571
Flim	Flim-1/yr	2018	0.7
ERlim	-	-	-

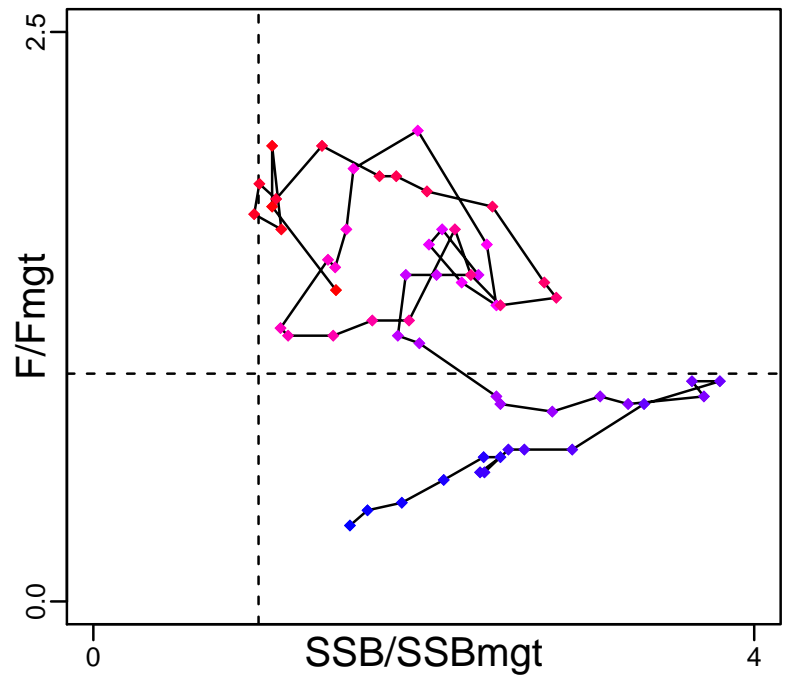
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	TB-MT	2018	142,000	Both	-
SSB	SSB-MT	2018	66,900	Both	-
TN	-	-	-	-	-
R	R-E00	2018	23,100,000	-	3
F	F-1/yr	2018	0.41	-	4 to 8
ER	ER-calc-ratio	2018	0.195	-	-
TC	TC-MT	2018	30,600		
TL	TL-MT	2018	30,600		
TB/TBmsy	TB-MT/TBmsy-est-MT	2012	0.756		
SSB/SSBmsy	-	-	-		
F/Fmsy	F-1/yr/Fmsy-1/yr	2018	1.367		
ER/ERmsy	ER-calc-ratio/ERmsy-est-ratio	2018	0.297		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2018	1.616		
F/Fmgt	F-1/yr/Fmgt-1/yr	2018	1.367		
ER/ERmgt	-	-	-		

Pollock Faroe Plateau [POLLFAPL]

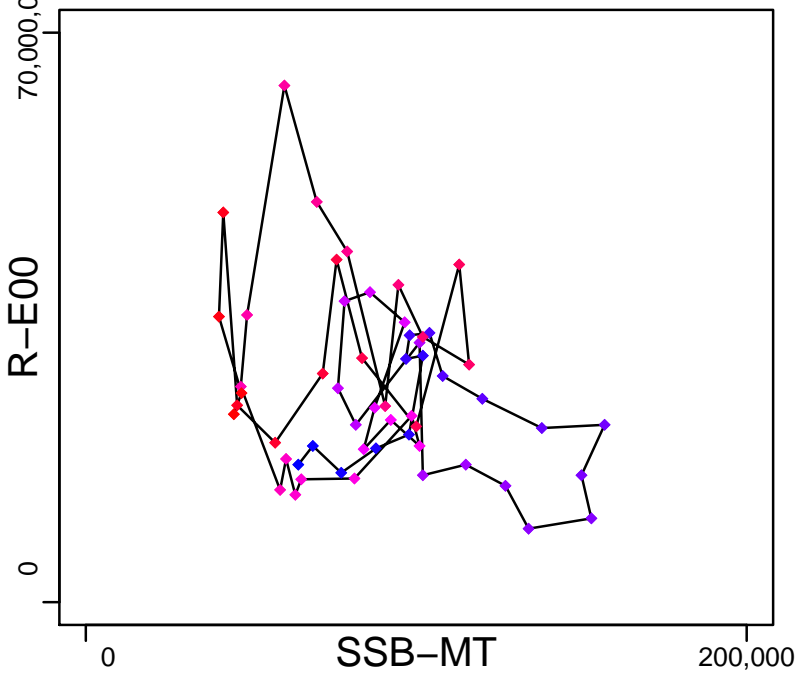
Kobe MSYpref (1958–2018–ICESIMP2018)



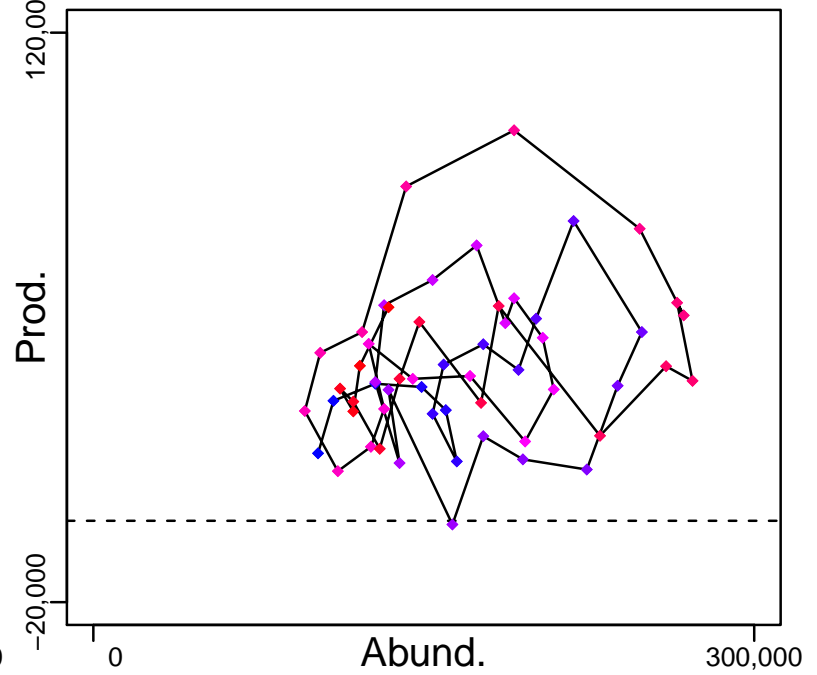
Kobe MGTpref (1958–2018–ICESIMP2018)



Spawner Recruit (1958–2018–ICESIMP2018)

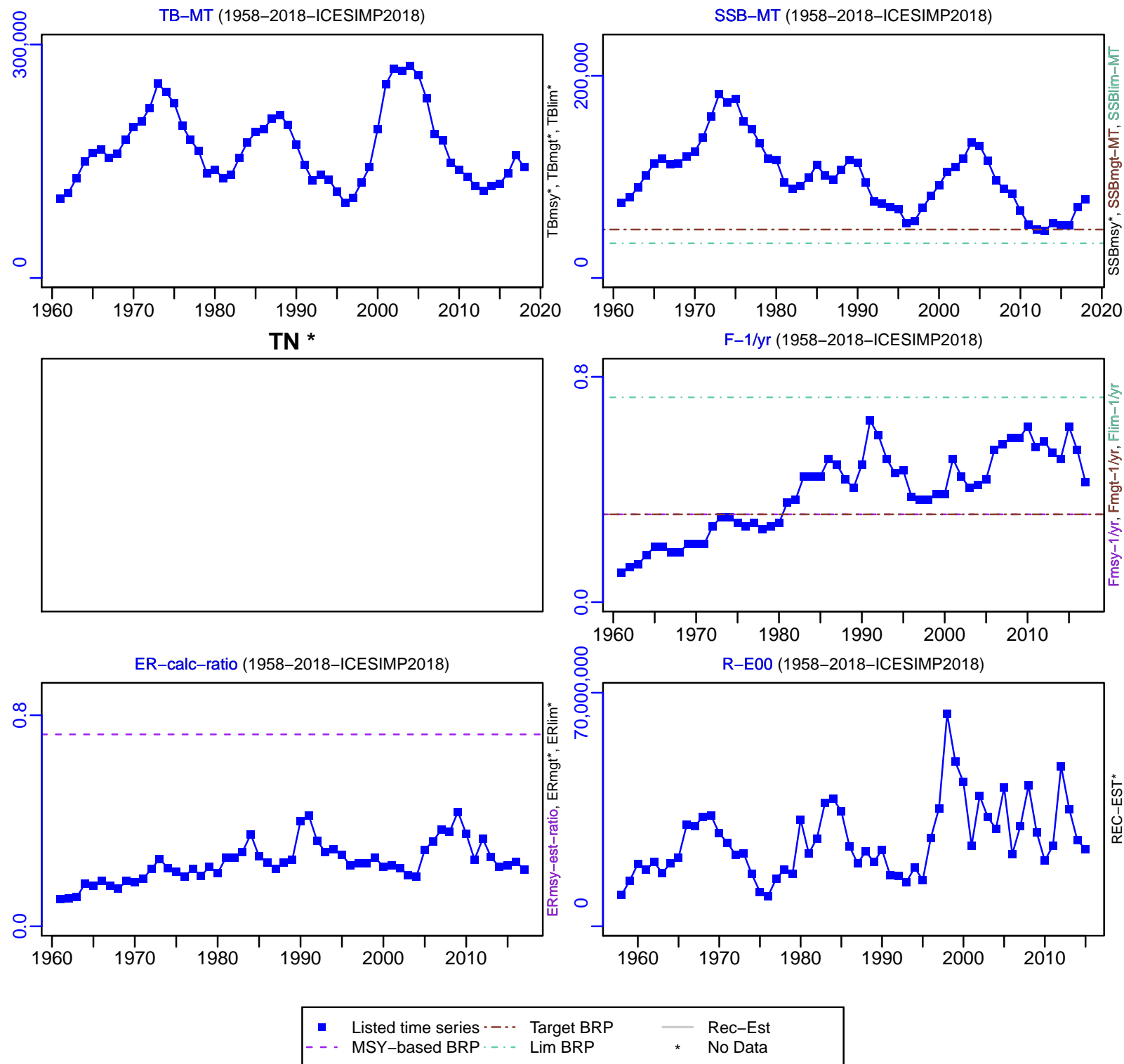


Production (1958–2018–ICESIMP2018)



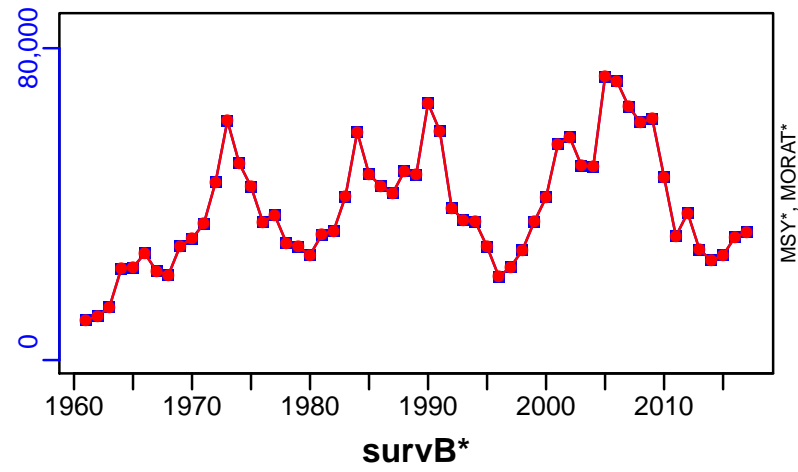
◆ Start Year ◆ End Year * No Data

Pollock Faroe Plateau [POLLFAPL]



Pollock Faroe Plateau [POLLFAPL]

TC-MT, TL-MT, RecC* (1958–2018–ICESIMP2018)



TAC*, Cpair*, Cadv*



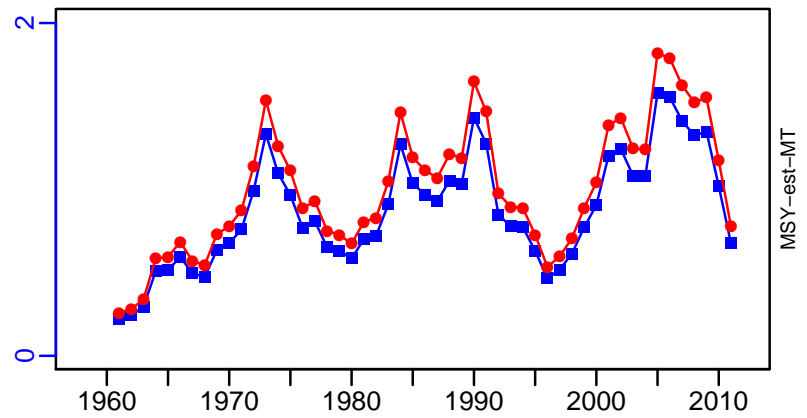
CPUE*



EFFORT*



TL-MT/MSY-est-MT, CdivMEANC-ratio, (1958–2012–CHING)



Pollock Iceland Grounds [POLLIEG]

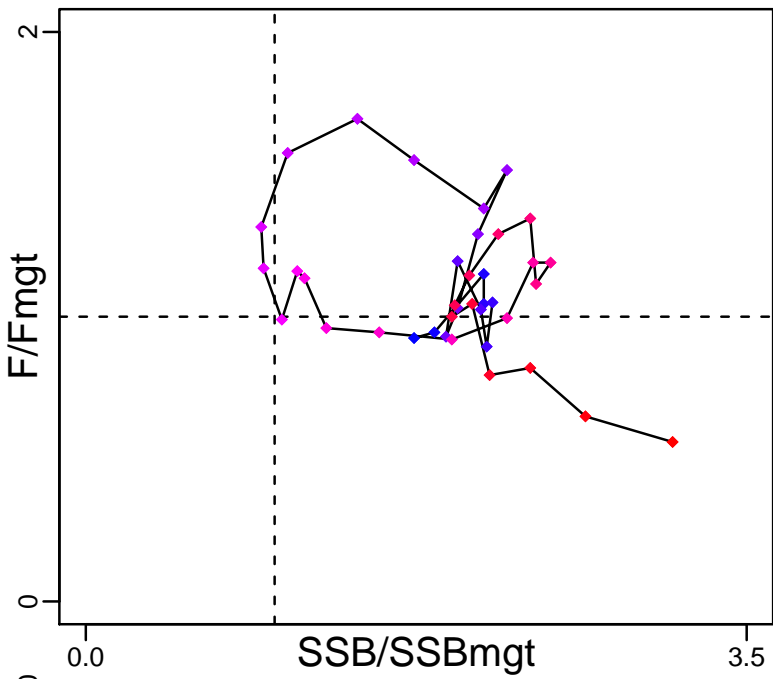
Metadata	
Scientific Name	Pollachius virens
Current Assess ID	NWWG-POLLIEG-1977-2018-ICESIMP2018
Area	Iceland Grounds
Management Authority	International Council for the Exploration of the Sea
Assessor	North-Western Working Group
Asmts in RAM	2012, 2013, 2014, 2015, 2016, 2018, 2017

Reference Points			
Type	ID	Asmt Year	Value
TBmsy	TBmsy-est-MT	2012	346,307
SSBmsy	-	-	-
Fmsy	Fmsy-1/yr	2013	0.28
ERmsy	ERmsy-est-ratio	2018	0.688
TBmgt	-	-	-
SSBmgt	SSBmgt-MT	2018	65,000
Fmgt	Fmgt-1/yr	2018	0.2
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	MSY-MT	2012	65,000
M	-	-	-
TBlim	-	-	-
SSBlim	SSBlim-MT	2018	44,000
Flim	Flim-1/yr	2018	0.46
ERlim	-	-	-

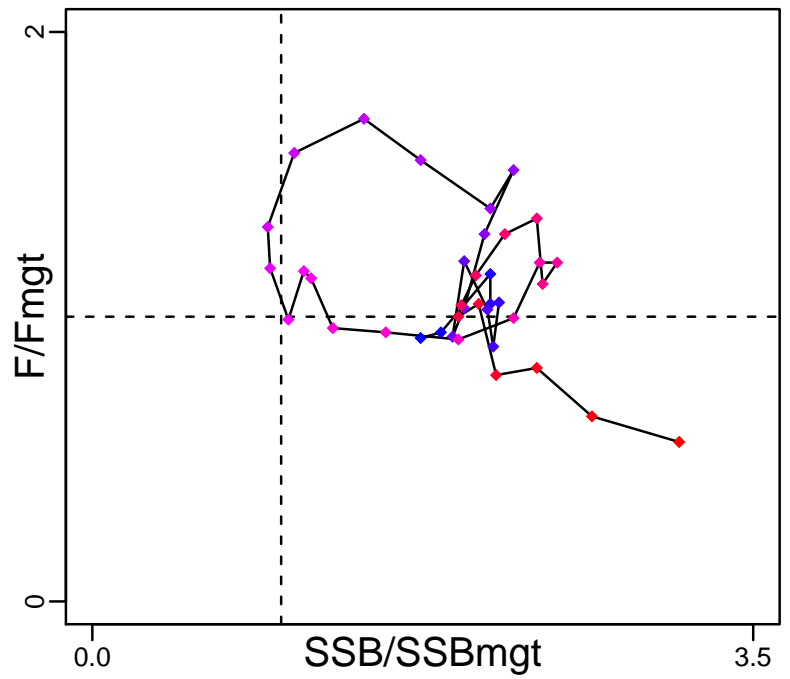
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	TB-MT	2017	306,000	Both	-
SSB	SSB-MT	2018	233,000	Both	-
TN	-	-	-	-	-
R	R-E00	2018	15,300,000	-	3
F	F-1/yr	2018	0.112	-	4 to 9
ER	ER-calc-ratio	2018	0.143	-	-
TC	TC-MT	2018	49,100		
TL	TL-MT	2017	49,200		
TB/TBmsy	TB-MT/TBmsy-est-MT	2012	0.765		
SSB/SSBmsy	-	-	-		
F/Fmsy	F-1/yr/Fmsy-1/yr	2013	0.679		
ER/ERmsy	ER-calc-ratio/ERmsy-est-ratio	2018	0.208		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2018	3.585		
F/Fmgt	F-1/yr/Fmgt-1/yr	2018	0.56		
ER/ERmgt	-	-	-		

Pollock Iceland Grounds [POLLIEG]

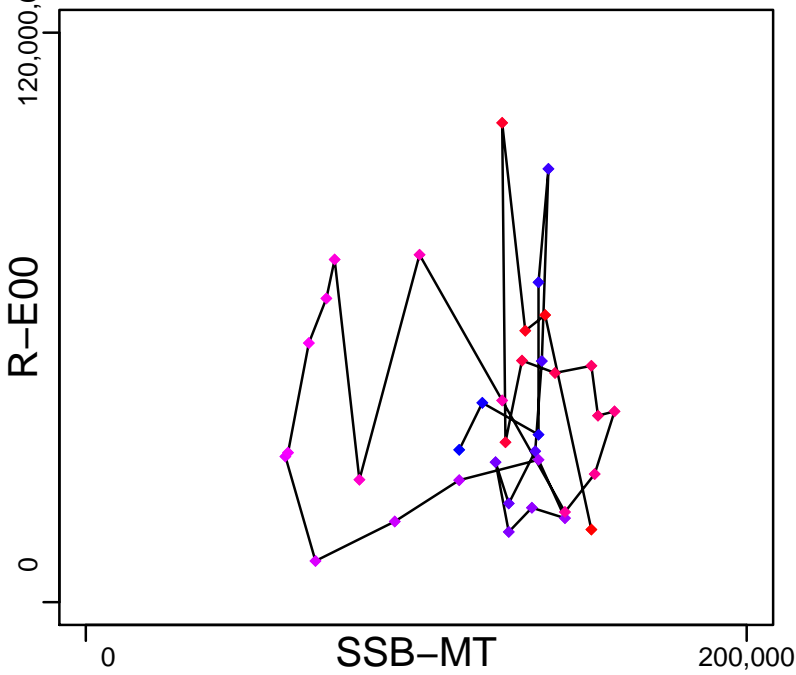
Kobe MSYpref (1977–2018–ICESIMP2018)



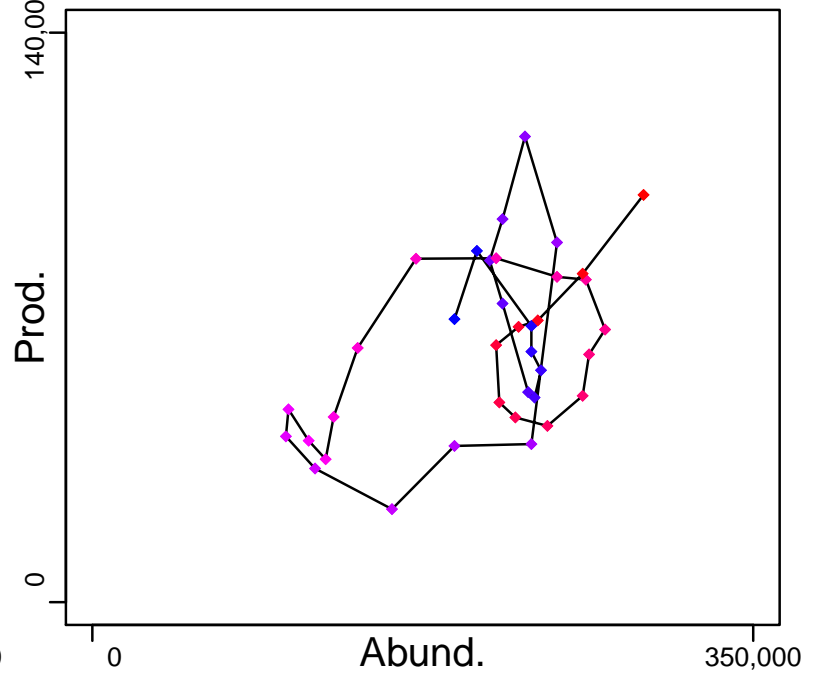
Kobe MGTpref (1977–2018–ICESIMP2018)



Spawner Recruit (1977–2018–ICESIMP2018)



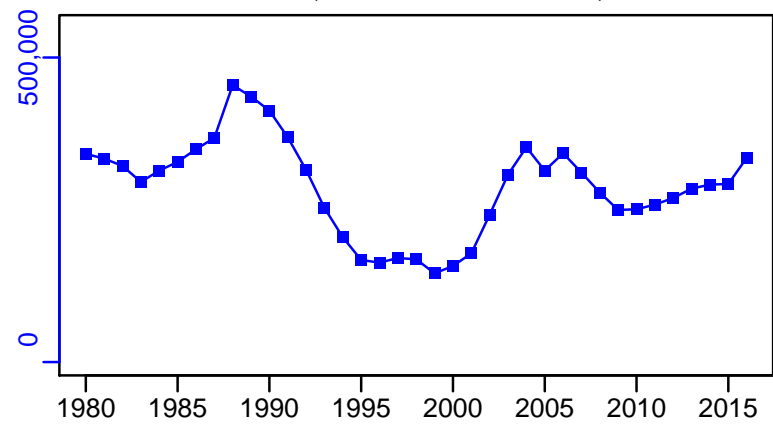
Production (1977–2018–ICESIMP2018)



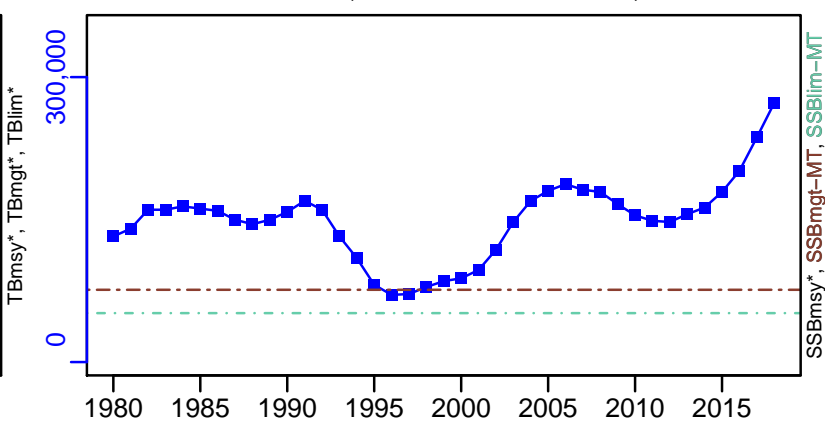
◆ Start Year ◆ End Year * No Data

Pollock Iceland Grounds [POLLIEG]

TB-MT (1980–2017–ICESIMP2018)



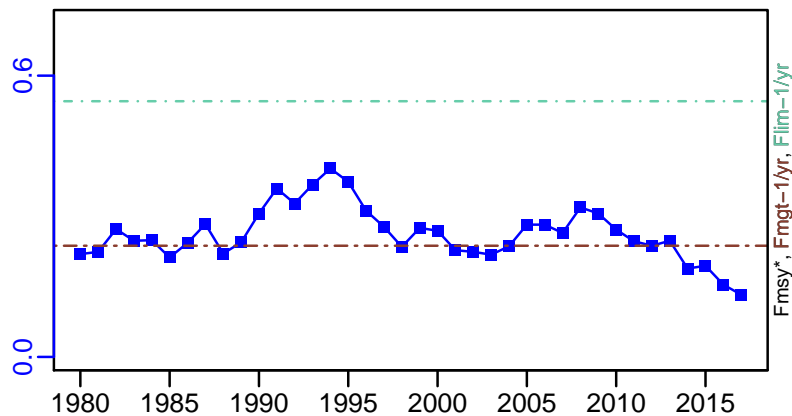
SSB-MT (1977–2018–ICESIMP2018)



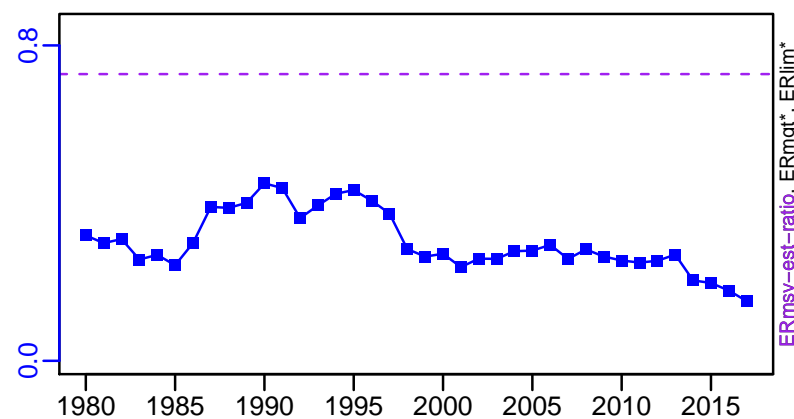
TN *



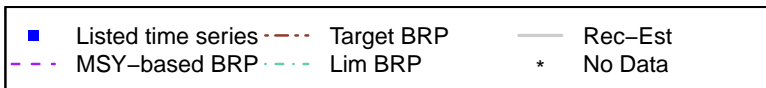
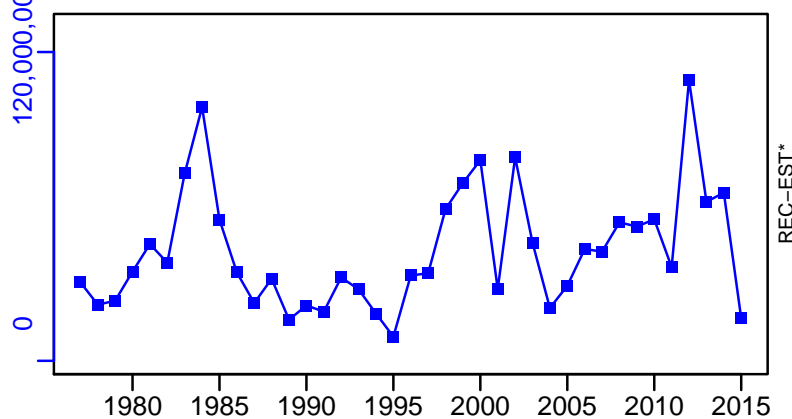
F-1/yr (1977–2018–ICESIMP2018)



ER-calc-ratio (1977–2018–ICESIMP2018)

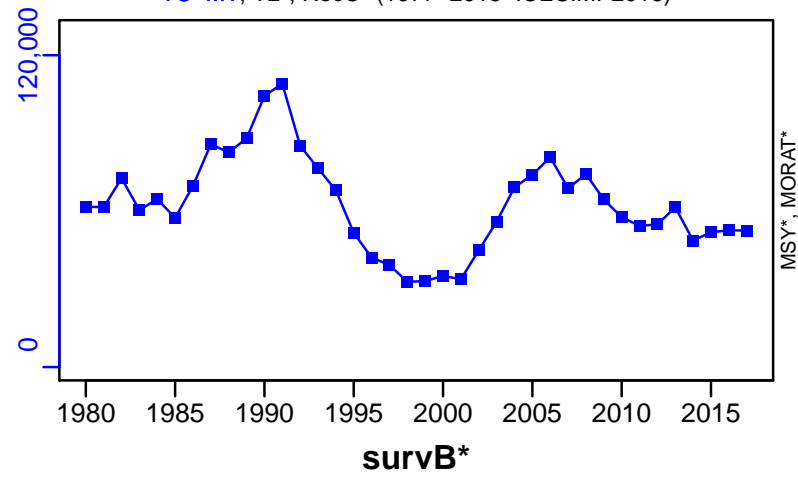


R-E00 (1977–2018–ICESIMP2018)



Pollock Iceland Grounds [POLLIEG]

TC-MT, TL*, RecC* (1977-2018-ICESIMP2018)



TAC*, Cpair*, Cadv*



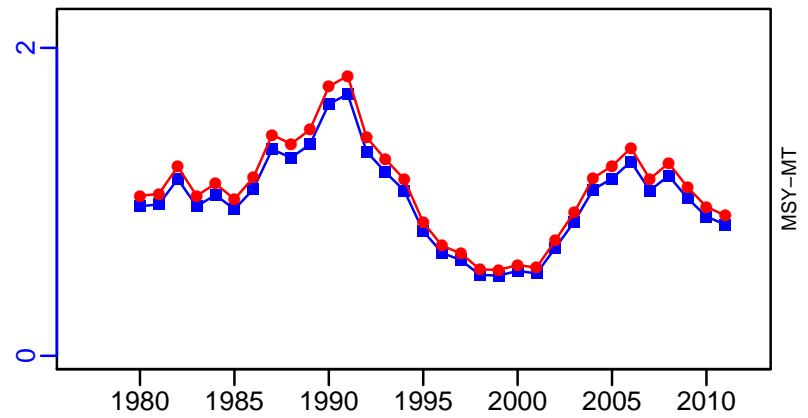
CPUE*



EFFORT*



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



Pollock North-East Arctic [POLLNEAR]

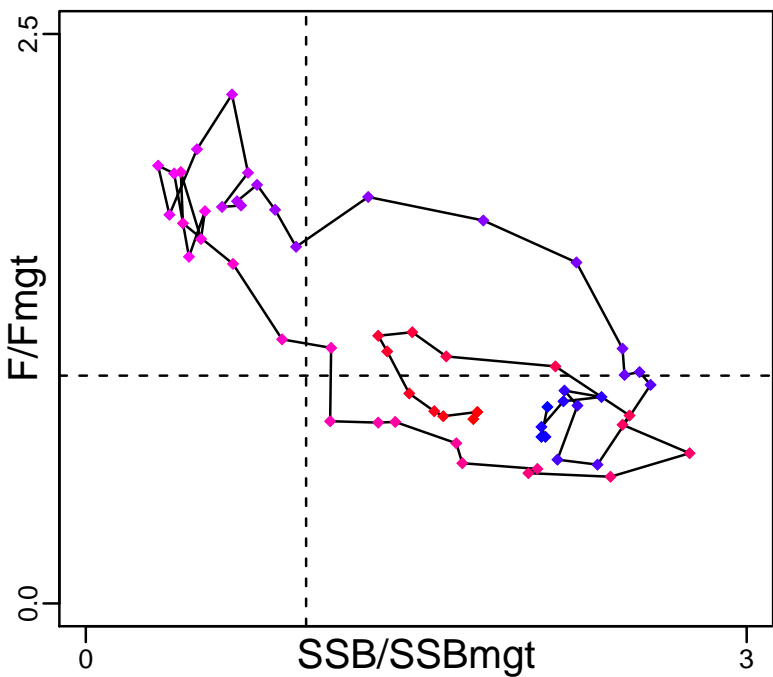
Metadata	
Scientific Name	Pollachius virens
Current Assess ID	AFWG-POLLNEAR-1957-2018-ICESIMP2018
Area	North-East Arctic
Management Authority	International Council for the Exploration of the Sea
Assessor	Arctic Fisheries Working Group
Asmts in RAM	2012, 2014, 2015, 2016, 2017, 2018

Reference Points			
Type	ID	Asmt Year	Value
TBmsy	TBmsy-est-MT	2012	736,557
SSBmsy	-	-	-
Fmsy	-	-	-
ERmsy	ERmsy-est-ratio	2018	0.56
TBmgt	-	-	-
SSBmgt	SSBmgt-MT	2018	220,000
Fmgt	Fmgt-1/yr	2018	0.32
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	MSY-est-MT	2012	178,424
M	-	-	-
TBlim	-	-	-
SSBlim	SSBlim-MT	2018	136,000
Flim	Flim-1/yr	2018	0.58
ERlim	-	-	-

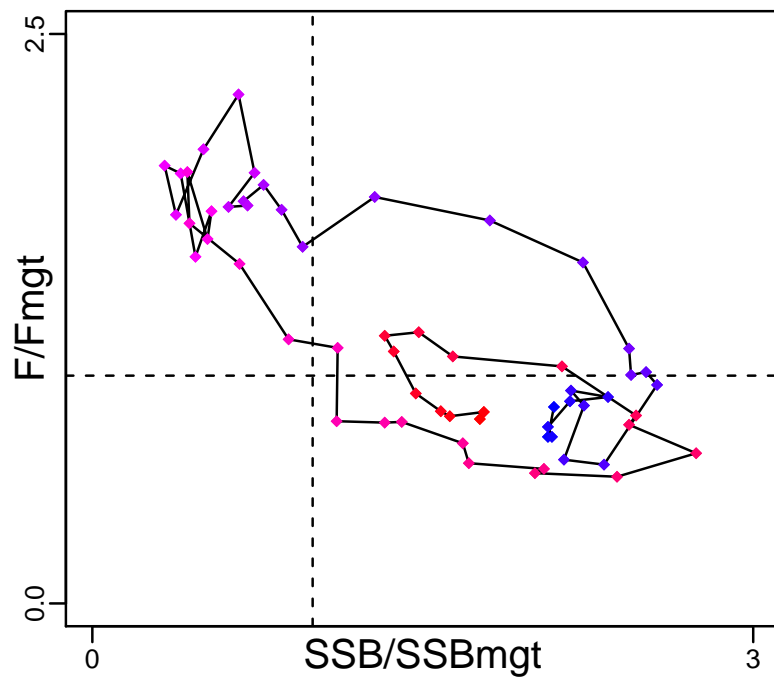
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	TB-MT	2018	714,000	Both	-
SSB	SSB-MT	2018	383,000	Both	-
TN	-	-	-	-	-
R	R-E00	2018	1.58×10^8	-	3
F	F-1/yr	2018	0.259	-	4 to 7
ER	ER-calc-ratio	2018	0.191	-	-
TC	TC-MT	2018	146,000		
TL	TL-MT	2018	146,000		
TB/TBmsy	TB-MT/TBmsy-est-MT	2012	1.011		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	ER-calc-ratio/ERmsy-est-ratio	2018	0.341		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2018	1.741		
F/Fmgt	F-1/yr/Fmgt-1/yr	2018	0.809		
ER/ERmgt	-	-	-		

Pollock North-East Arctic [POLLNEAR]

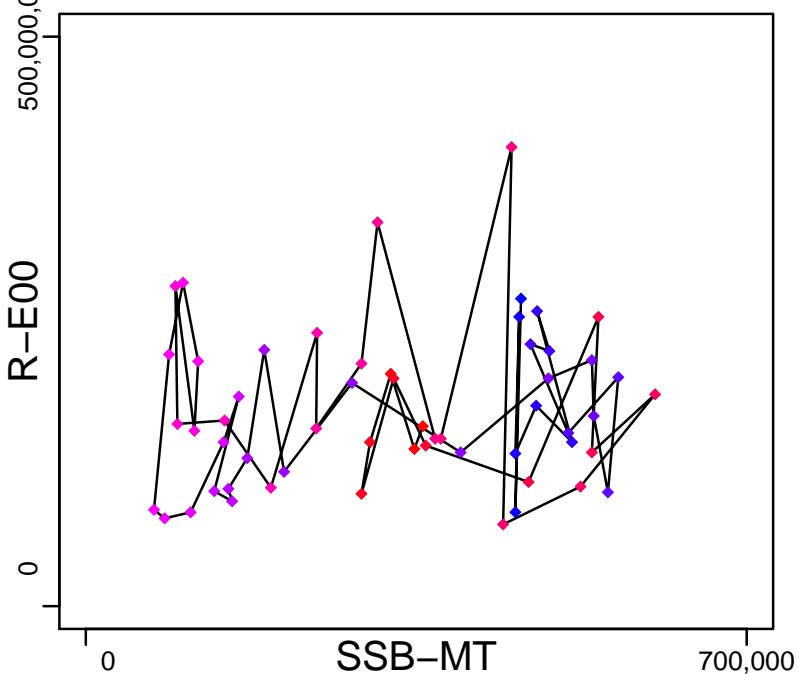
Kobe MSYpref (1957–2018–ICESIMP2018)



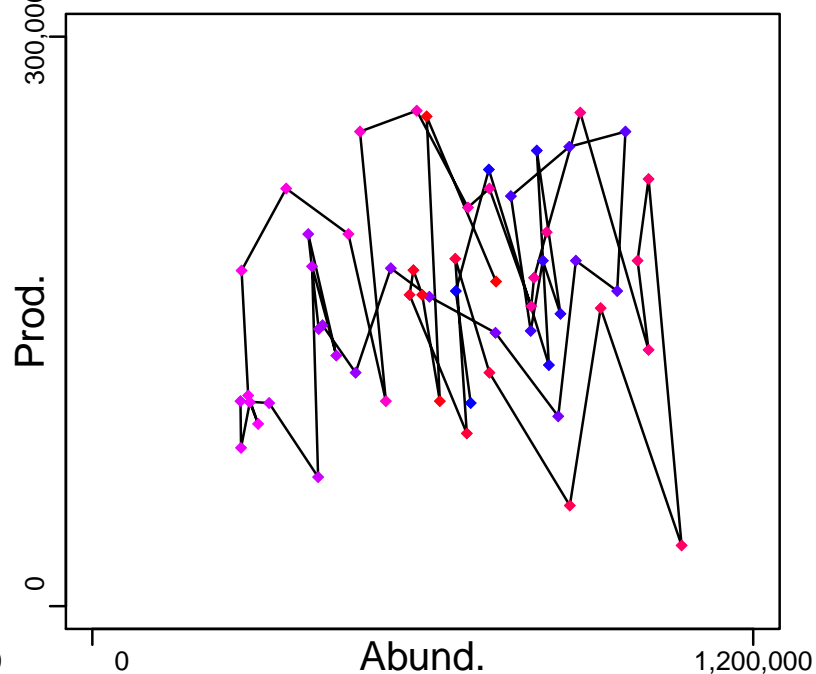
Kobe MGTpref (1957–2018–ICESIMP2018)



Spawner Recruit (1957–2018–ICESIMP2018)



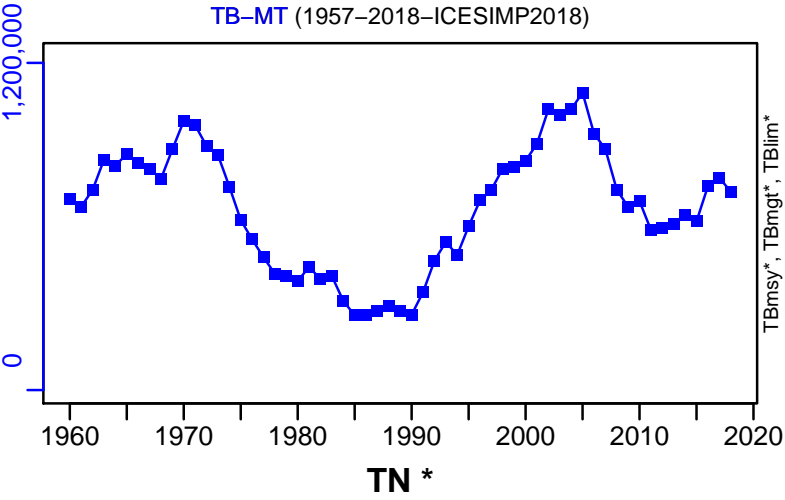
Production (1957–2018–ICESIMP2018)



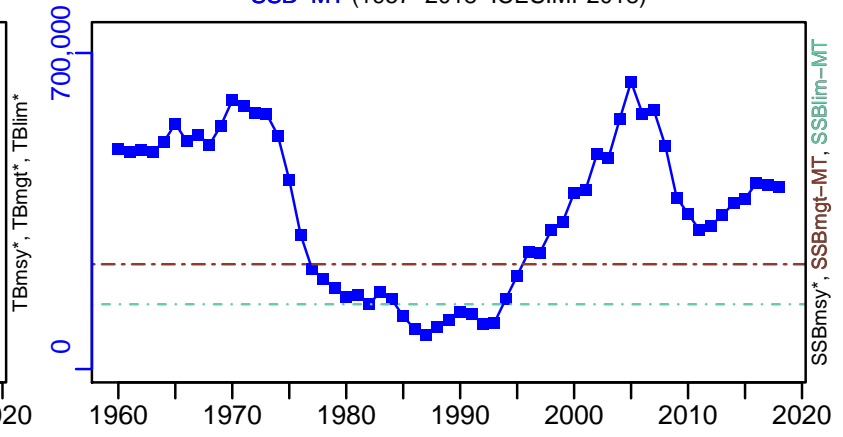
◆ Start Year ◆ End Year * No Data

Pollock North-East Arctic [POLLNEAR]

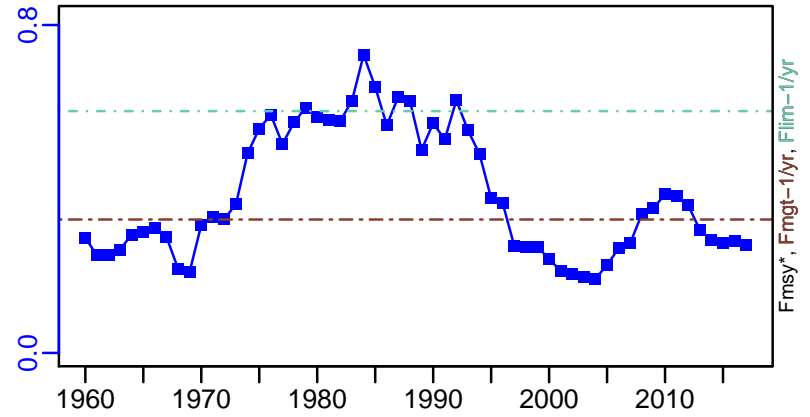
TB-MT (1957–2018–ICESIMP2018)



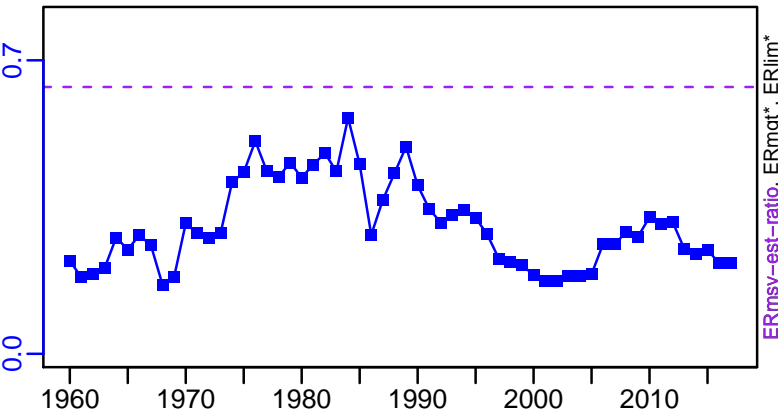
SSB-MT (1957–2018–ICESIMP2018)



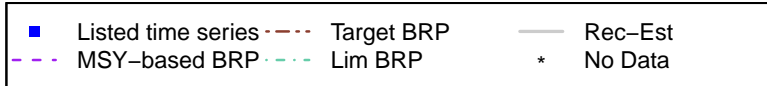
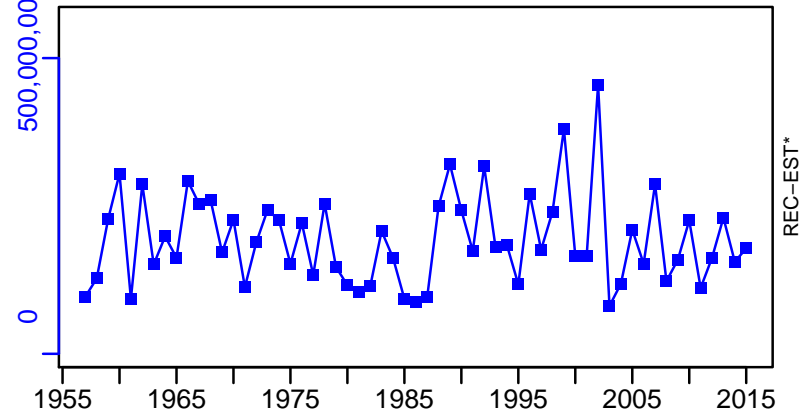
F-1/yr (1957–2018–ICESIMP2018)



ER-calc-ratio (1957–2018–ICESIMP2018)

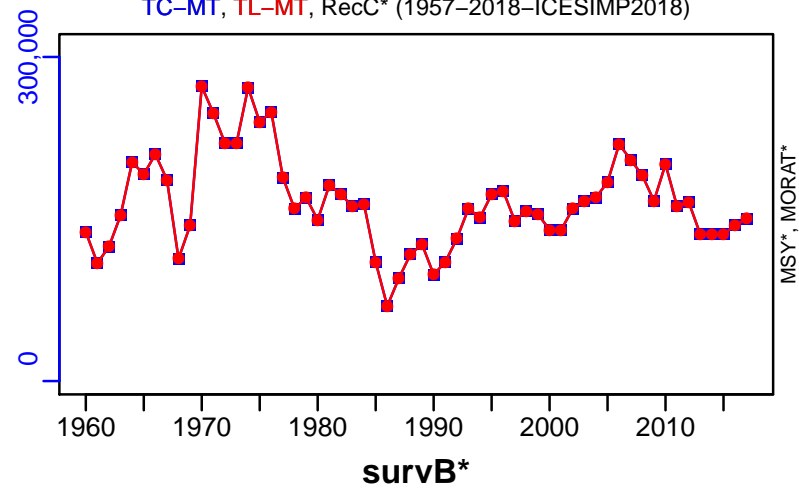


R-E00 (1957–2018–ICESIMP2018)



Pollock North-East Arctic [POLLNEAR]

TC-MT, TL-MT, RecC* (1957-2018-ICESIMP2018)



TAC*, Cpair*, Cadv*



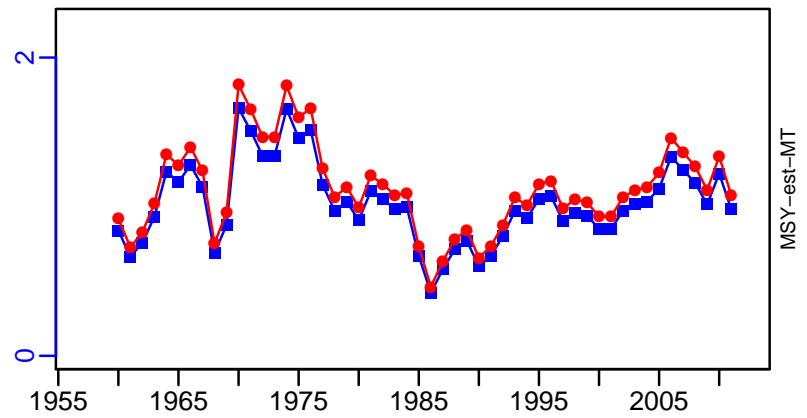
CPUE*



EFFORT*



TL-MT/MSY-est-MT, CdivMEANC-ratio, (1957-2012-CHING)



**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-1980-2016-ICESIMP2018
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

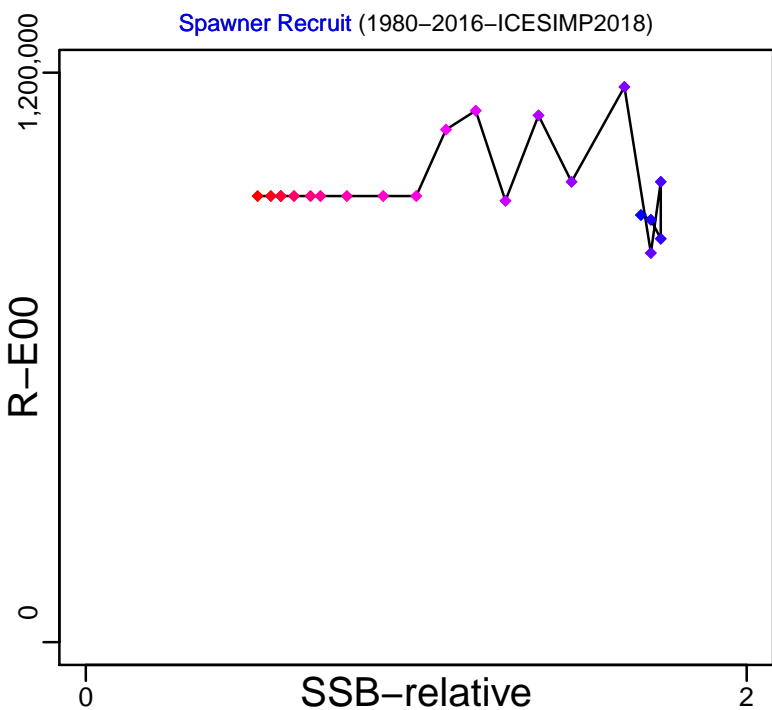
Reference Points			
Type	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	-	-	-
Fmsy	Fmsy-relative	2016	0.17
ERmsy	-	-	-
TBmgt	-	-	-
SSBmgt	SSBmgt-relative	2016	1.09
Fmgt	Fmgt-relative	2016	0.17
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	-	-	-
M	-	-	-
TBlim	-	-	-
SSBlim	SSBlim-relative	2016	0.779
Flim	Flim-relative	2016	0.24
ERlim	-	-	-

Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	TB-relative	2016	0.53	Both	-
SSB	SSB-relative	2016	0.48	Both	-
TN	-	-	-	-	-
R	R-E00	2016	940,000	-	5
F	F-relative	2016	1.11	-	-
ER	-	-	-	-	-
TC	TC-MT	2016	27,400		
TL	TL-MT	2016	27,400		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

Kobe MSY*



Kobe MGT*



Production*

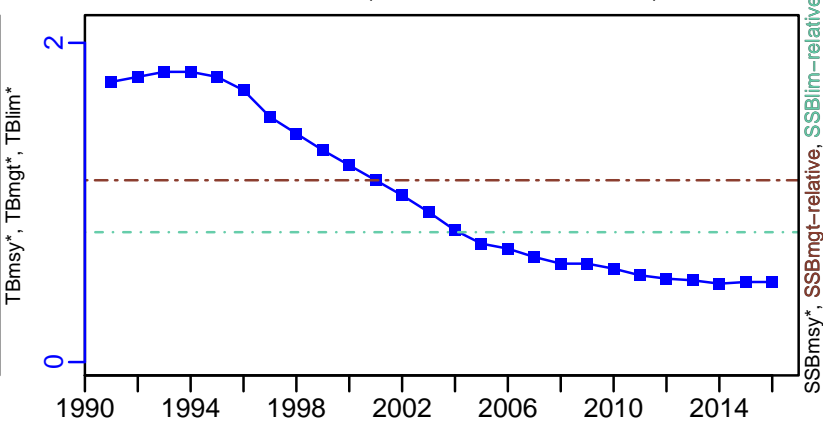
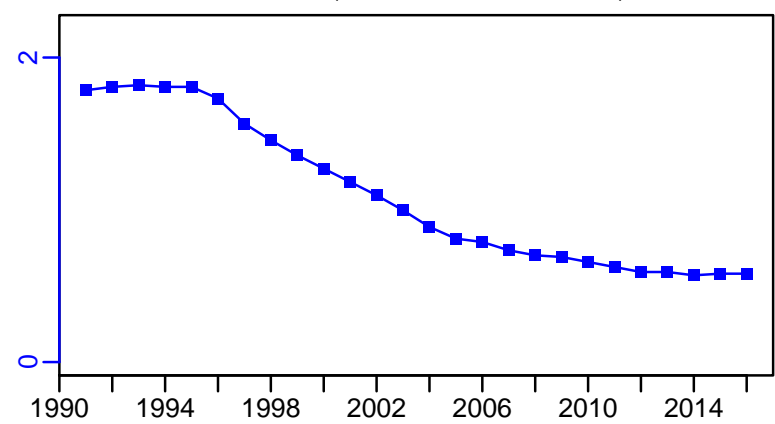


◆ Start Year ◆ End Year * No Data

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

TB-relative (1980–2016–ICESIMP2018)

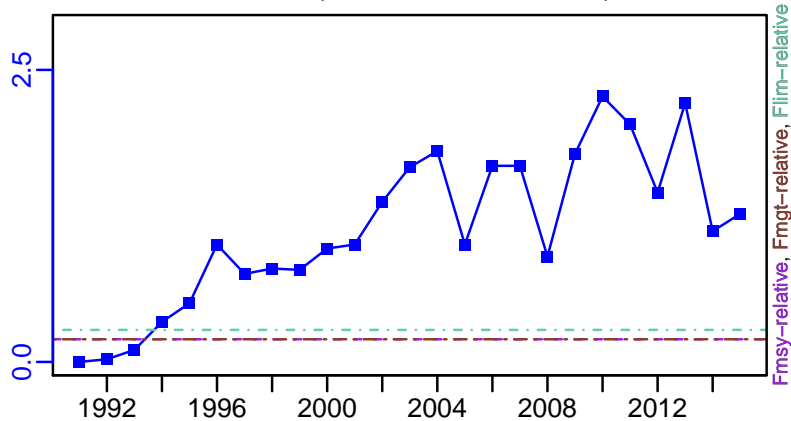
SSB-relative (1980–2016–ICESIMP2018)



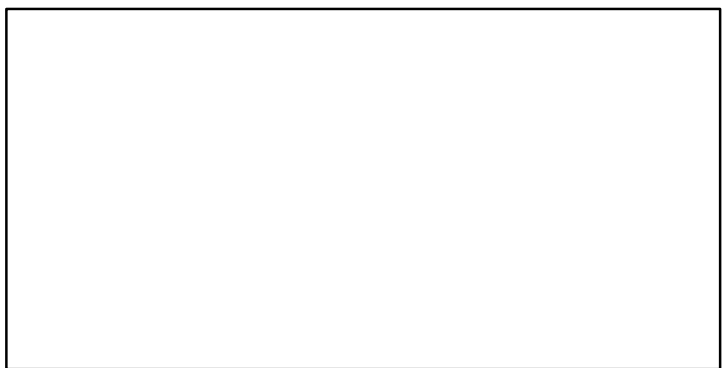
TN *



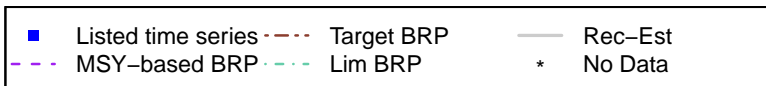
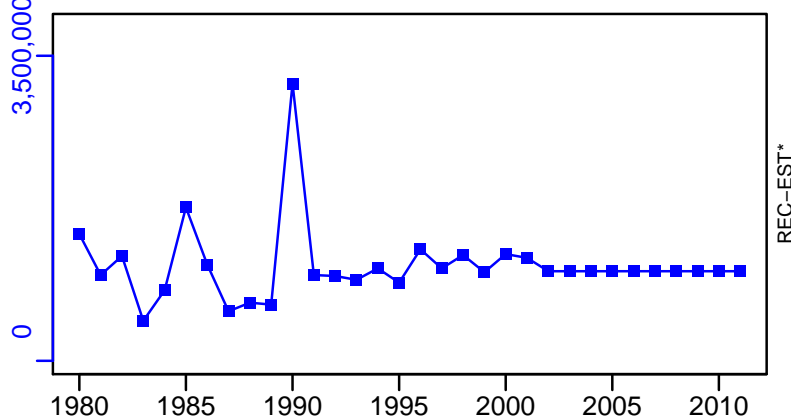
F-relative (1980–2016–ICESIMP2018)



ER*

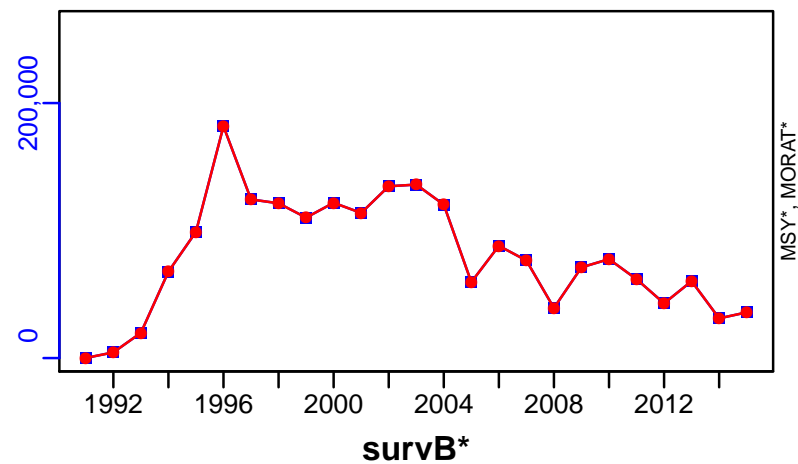


R-E00 (1980–2016–ICESIMP2018)



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

TC–MT, TL–MT, RecC* (1980–2016–ICESIMP2018)



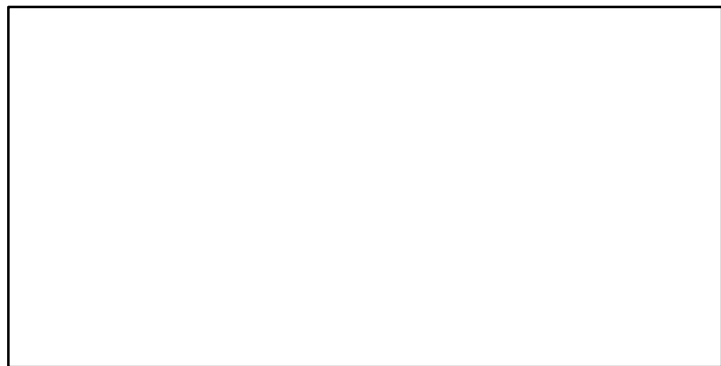
TAC*, Cpair*, Cadv*



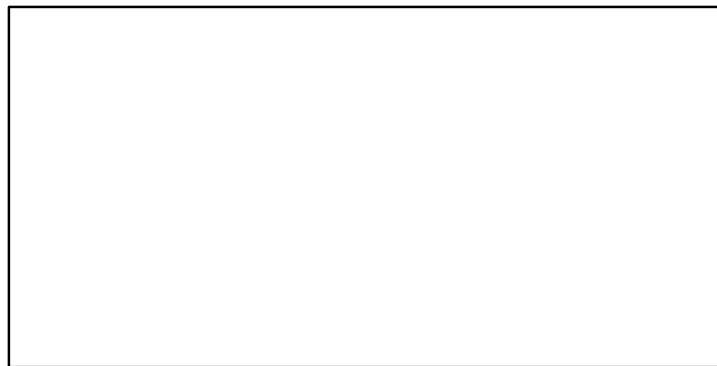
CPUE*



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]

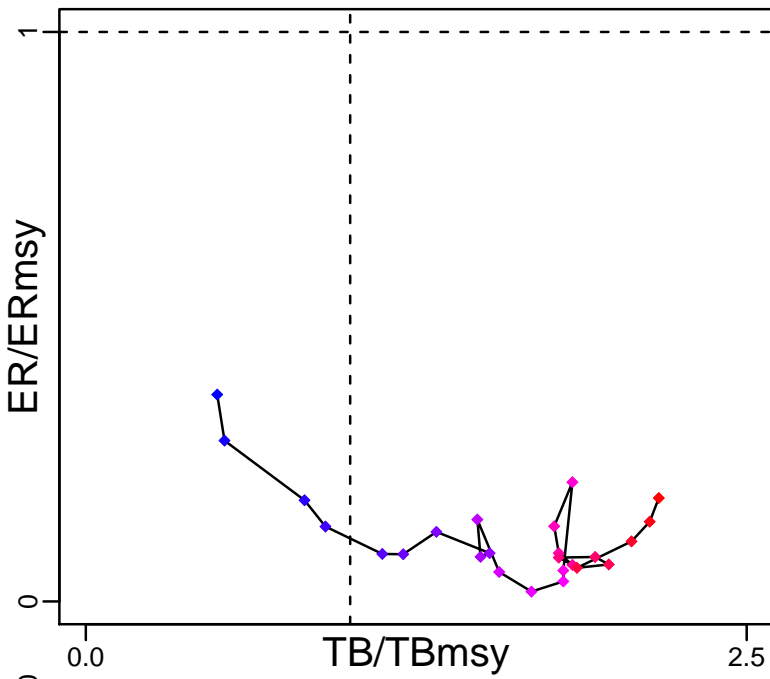
Metadata	
Scientific Name	Sebastes mentella
Current Assess ID	NWWG-REDDEEPI-II-1990-2016-ICESIMP2018
Area	North-East Arctic
Management Authority	International Council for the Exploration of the Sea
Assessor	North-Western Working Group
Asmts in RAM	2006, 2014, 2016

Reference Points			
Type	ID	Asmt Year	Value
TBmsy	TBmsy-est-MT	2016	581,298
SSBmsy	-	-	-
Fmsy	-	-	-
ERmsy	ERmsy-est-ratio	2016	0.149
TBmgt	-	-	-
SSBmgt	-	-	-
Fmgt	-	-	-
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	MSY-est-MT	2016	86,385
M	-	-	-
TBlim	-	-	-
SSBlim	-	-	-
Flim	-	-	-
ERlim	-	-	-

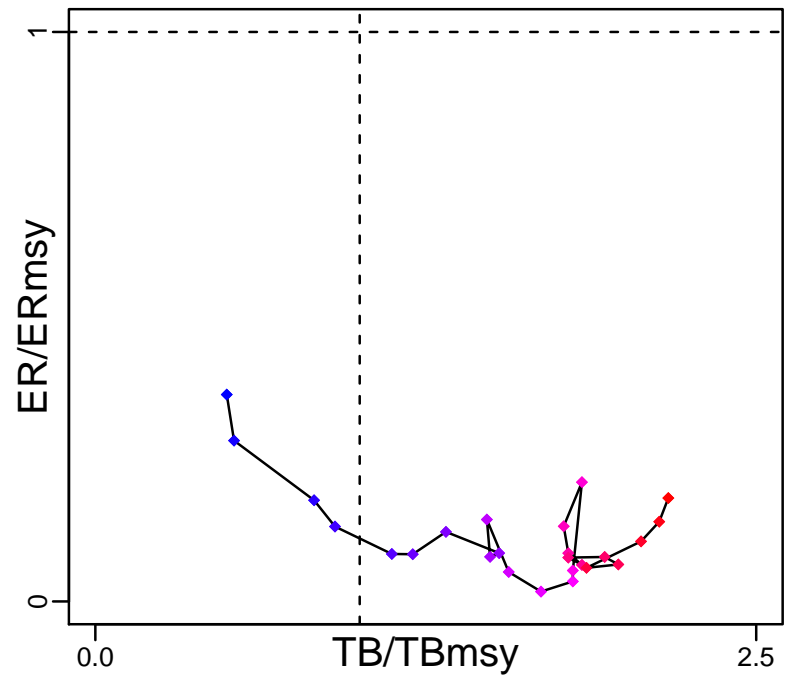
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	TB-MT	2016	1,260,000	Both	-
SSB	SSB-MT	2016	857,000	Both	-
TN	-	-	-	-	-
R	R-E00	2016	1.78×10^8	-	2
F	F-1/yr	2016	0.03	-	12 to 18
ER	ER-calc-ratio	2016	0.027	-	-
TC	-	-	-		
TL	TL-MT	2016	34,000		
TB/TBmsy	TB-MT/TBmsy-est-MT	2016	2.168		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	ER-calc-ratio/ERmsy-est-ratio	2016	0.182		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

Deepwater redfish North-East Arctic [REDDEEPI-II]

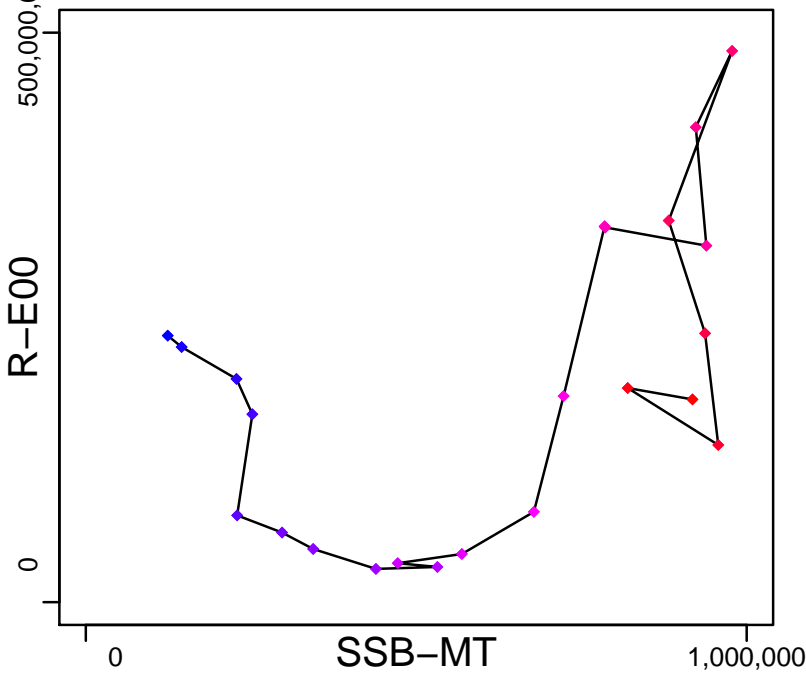
Kobe MSYpref (1990–2016–ICESIMP2018)



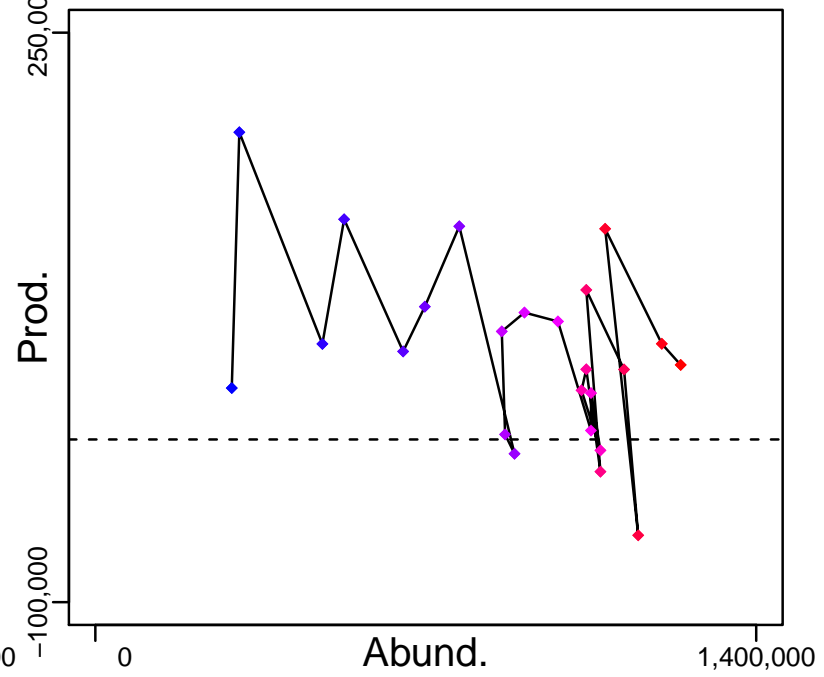
Kobe MGTpref (1990–2016–ICESIMP2018)



Spawner Recruit (1990–2016–ICESIMP2018)



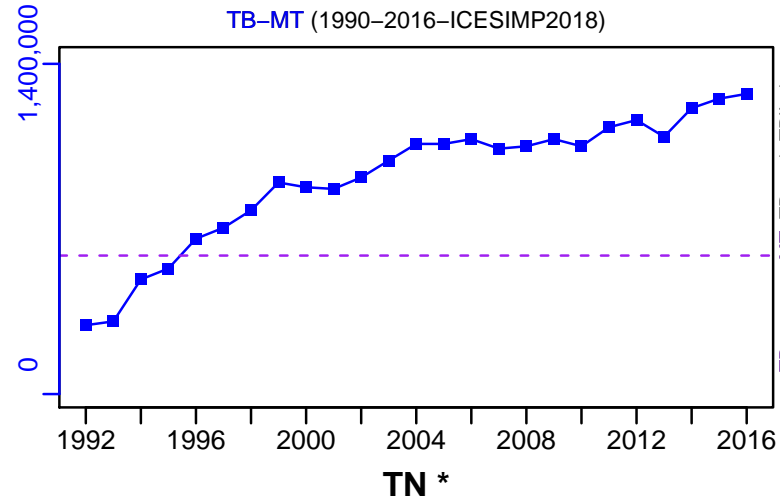
Production (1990–2016–ICESIMP2018)



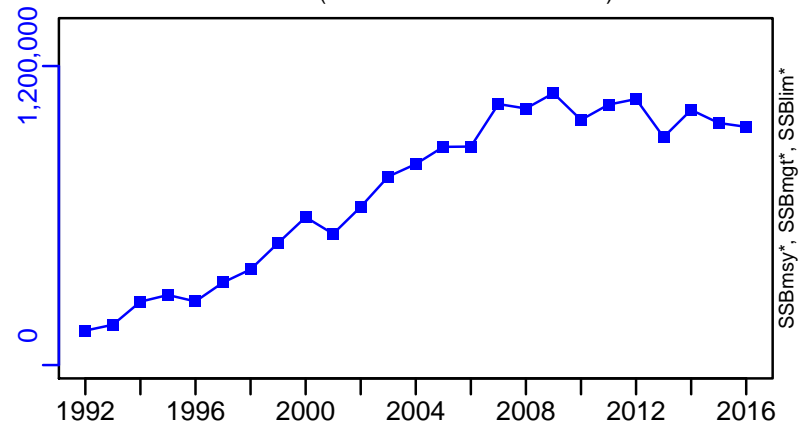
◆ Start Year ◆ End Year * No Data

Deepwater redfish North-East Arctic [REDDEPII]

TB-MT (1990–2016–ICESIMP2018)



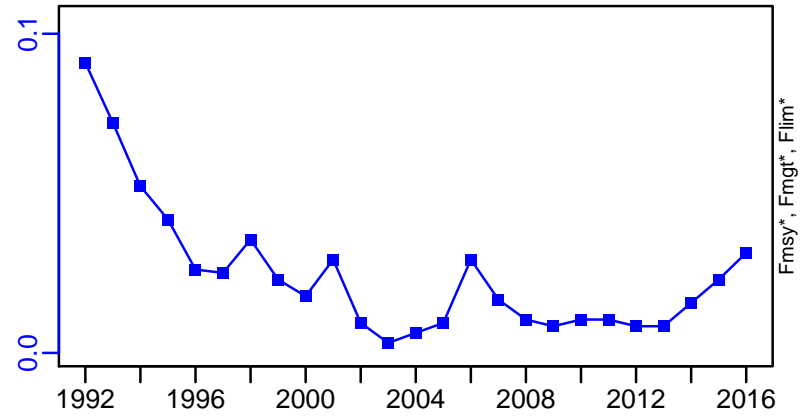
SSB-MT (1990–2016–ICESIMP2018)



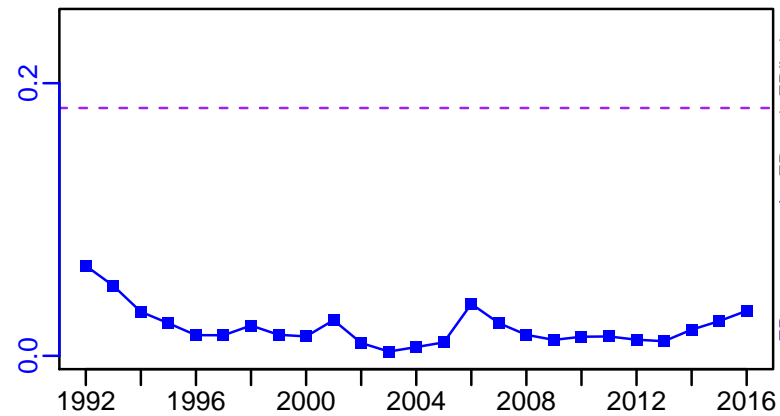
TN *



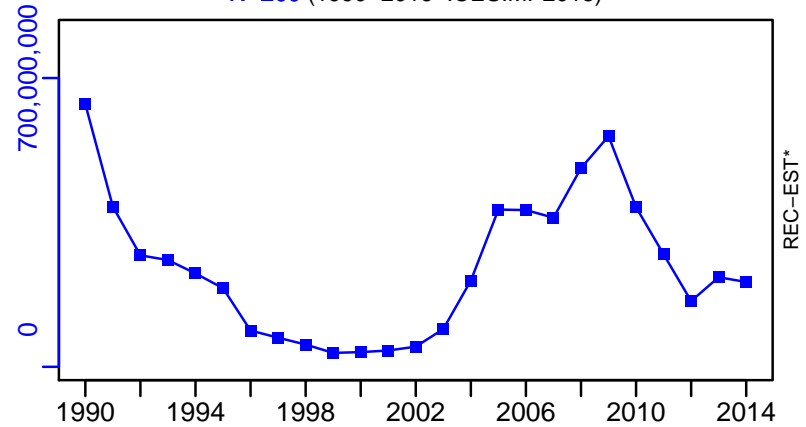
F-1/yr (1990–2016–ICESIMP2018)



ER-calc-ratio (1990–2016–ICESIMP2018)

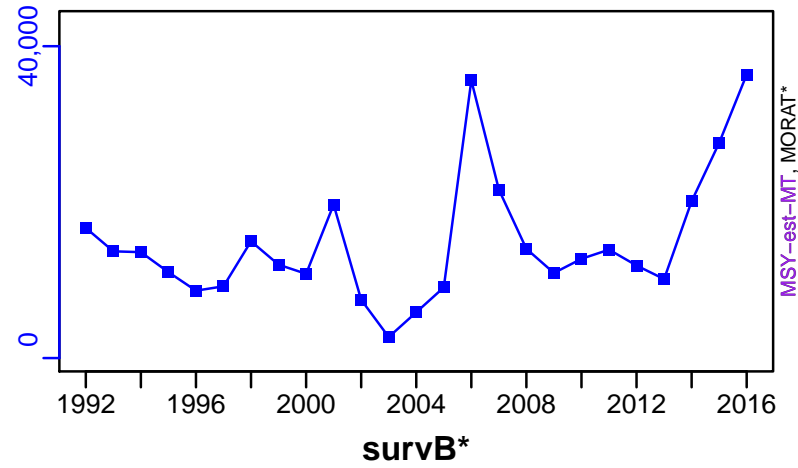


R-E00 (1990–2016–ICESIMP2018)



Deepwater redfish North-East Arctic [REDDEEPI-II]

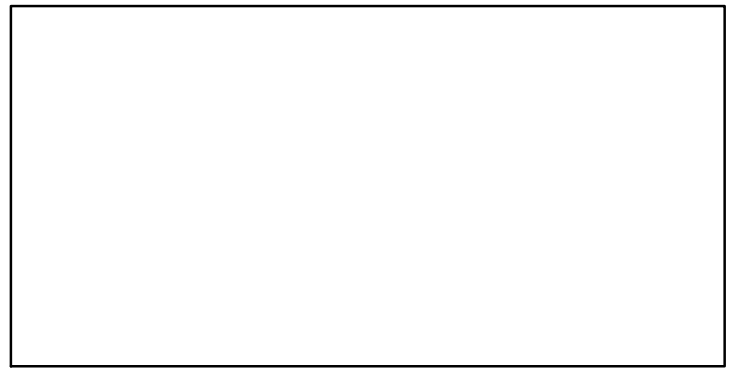
TL-MT, TC*, RecC* (1990–2016–ICESIMP2018)



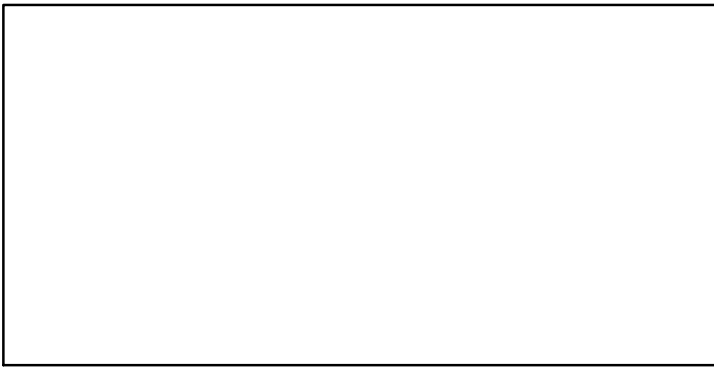
TAC*, Cpair*, Cadv*



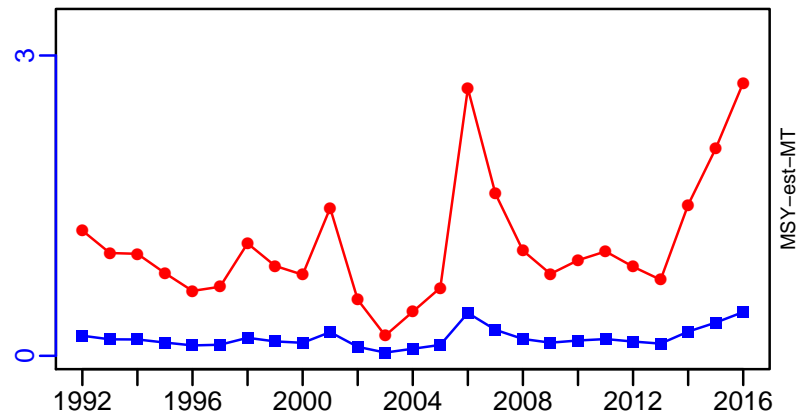
CPUE*



EFFORT*



TL-MT/MSY-est-MT, CdivMEANC-ratio, (1990–2016–ICESIMP2018)



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

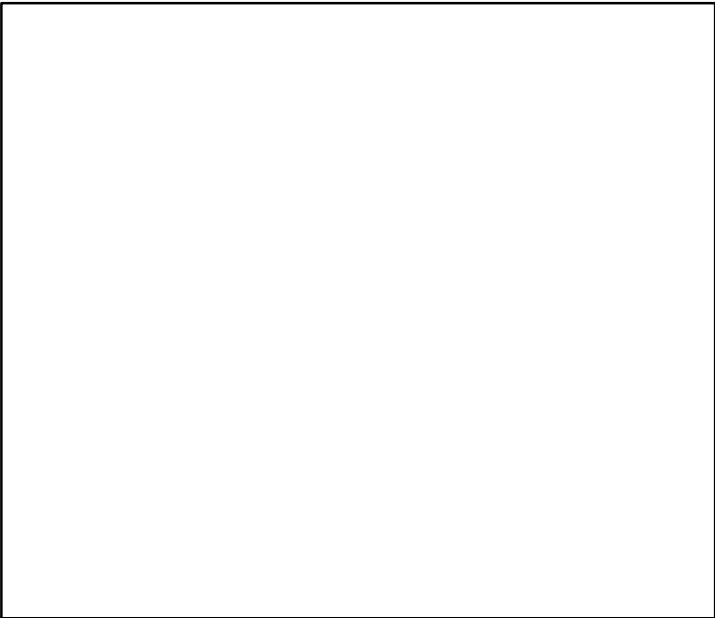
**Beaked redfish ICES 5-12-14 and NAFO Subareas 1-2 (shallow)
[REDDEEPSH1-2-V-XII-XIV]**

Metadata	
Scientific Name	Sebastes mentella
Current Assess ID	NWWG-REDDEEPSH1-2-V-XII-XIV-1982-2016-ICESIMP2016
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

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	2016	5600		
TL	TL-MT	2016	5600		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

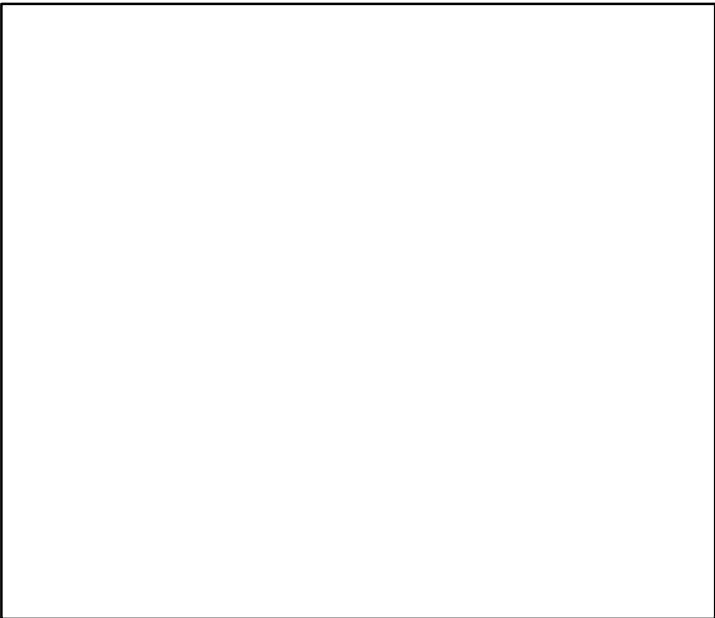
Kobe MSY*



Kobe MGT*



Spawner Recruit*



Production*

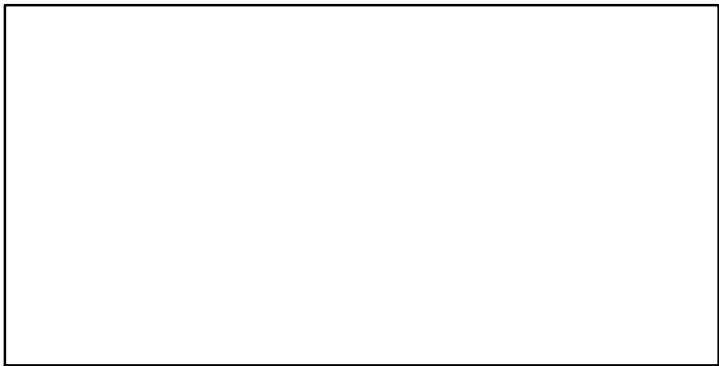


◆ Start Year ◆ End Year * No Data

TB*



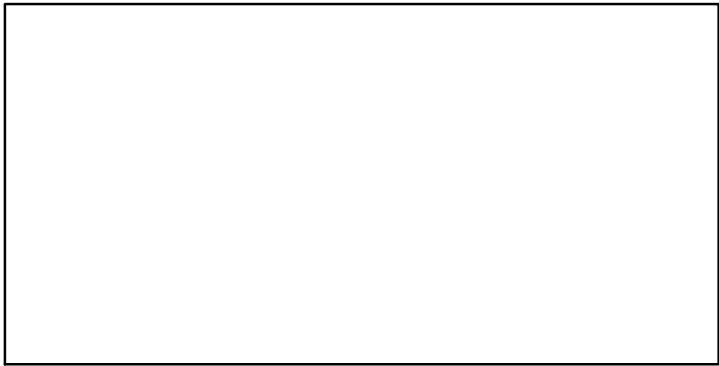
SSB*



TN *



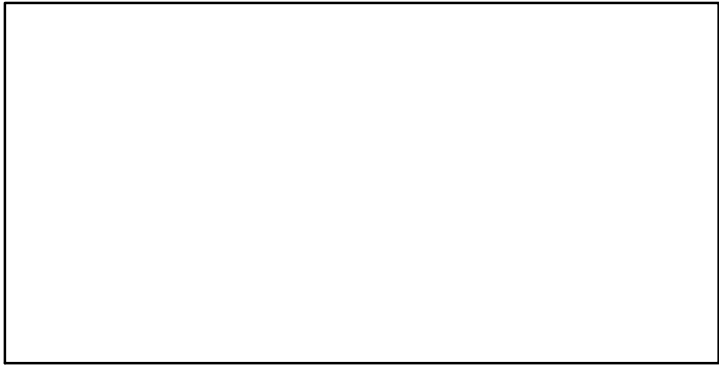
F*



ER*

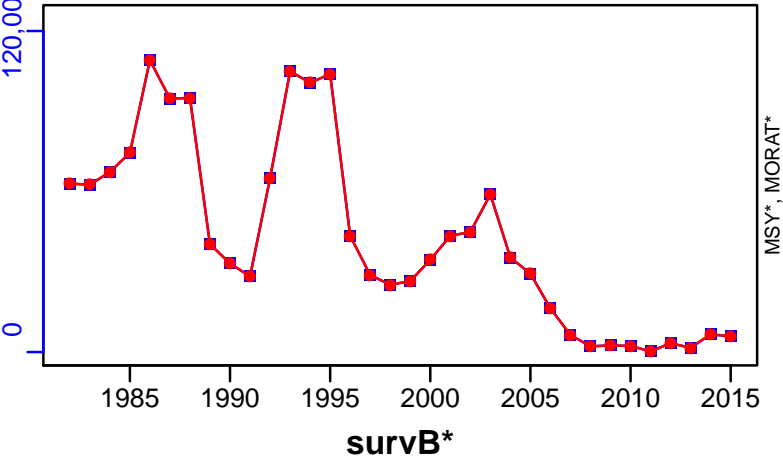


Recruits*



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

TC–MT, TL–MT, RecC* (1982–2016–ICESIMP2016)



TAC*, Cpair*, Cadv*



CPUE*



EFFORT*



CdivMSY*



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*



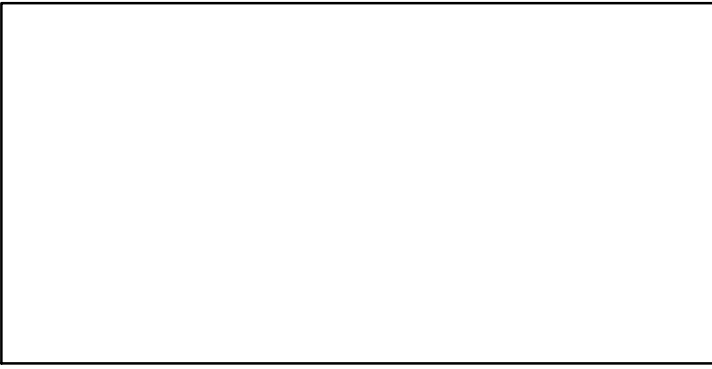
Production*



◆ Start Year ◆ End Year * No Data

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

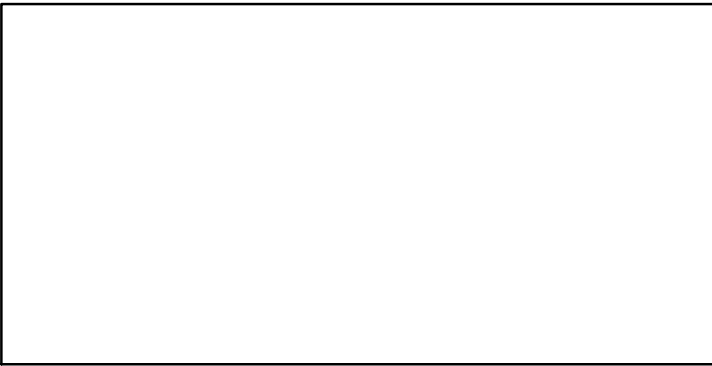
TB*



SSB*



TN *



F*



ER*

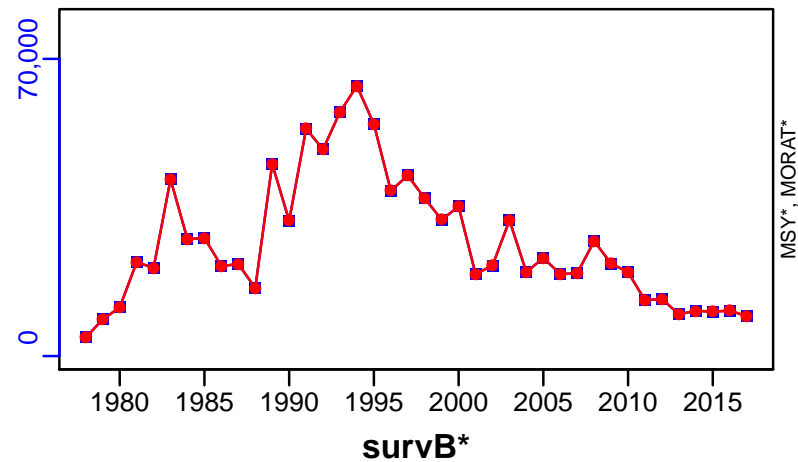


Recruits*



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

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



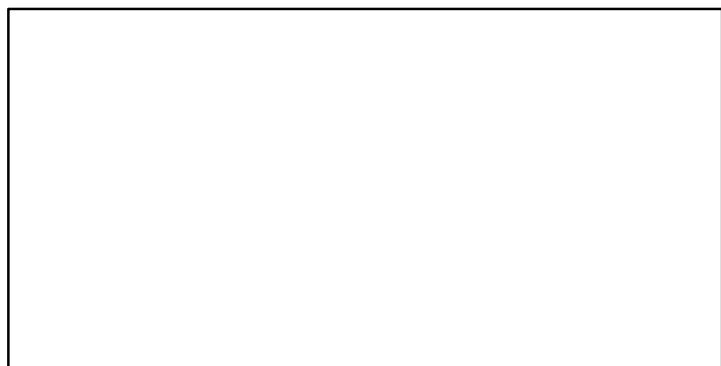
TAC*, Cpair*, Cadv*



CPUE*



EFFORT*



CdivMSY*

