

# Europe non EU Stocks

## v4.66 (Nov-03-2024)

Not present Present Preferred

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

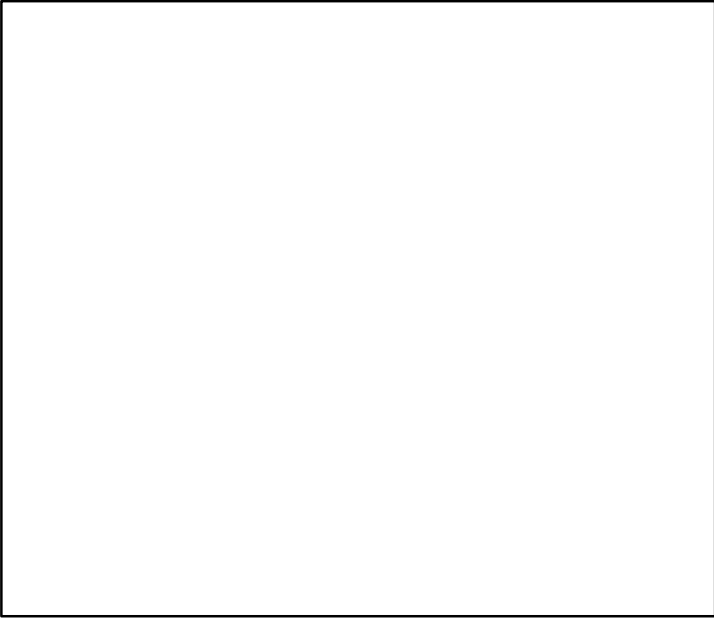
## Blue ling ICES 5a-14 [BLINGVa-XIV]

Metadata	
<b>Scientific Name</b>	Molva dypterygia
<b>Current Assess ID</b>	WGDEEP-BLINGVa-XIV-1973-2020-ICESIMP2021-2
<b>Area</b>	ICES 5a-14
<b>Management Authority</b>	International Council for the Exploration of the Sea
<b>Assessor</b>	Working Group on the Biology and Assessment of Deep-Sea Fisheries Resources
<b>Asmts in RAM</b>	2018, 2020, 2016, 2016, 2017

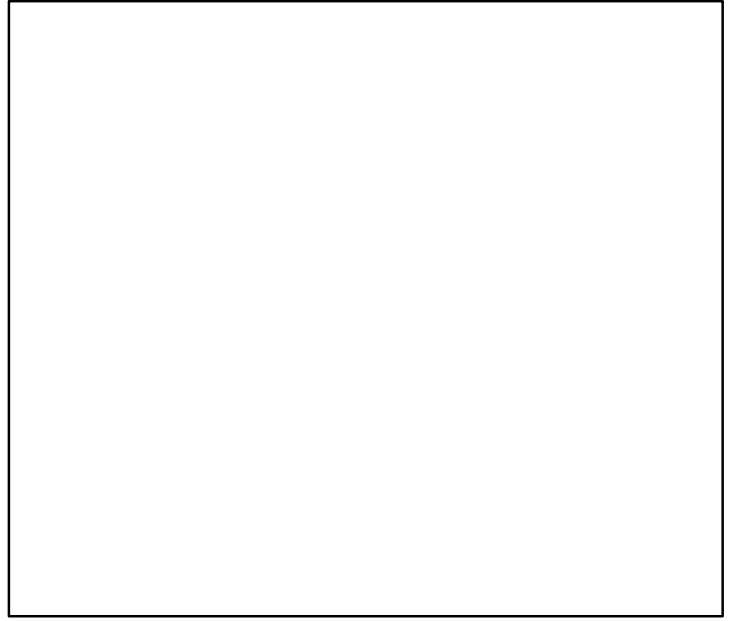
Reference Points			
Type	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	-	-	-
Fmsy	-	-	-
ERmsy	-	-	-
TBmgt	-	-	-
SSBmgt	-	-	-
Fmgt	-	-	-
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	-	-	-
M	-	-	-
TBlim	-	-	-
SSBlim	-	-	-
Flim	-	-	-
ERlim	-	-	-

Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	-	-	-	-	-
SSB	SSB-MT	2020	717	-	-
TN	-	-	-	-	-
R	R-E00	2020	28	-	-
F	F-1/yr	2016	0.834	-	-
ER	-	-	-	-	-
TC	TC-MT	2020	376		
TL	TL-MT	2016	1810		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

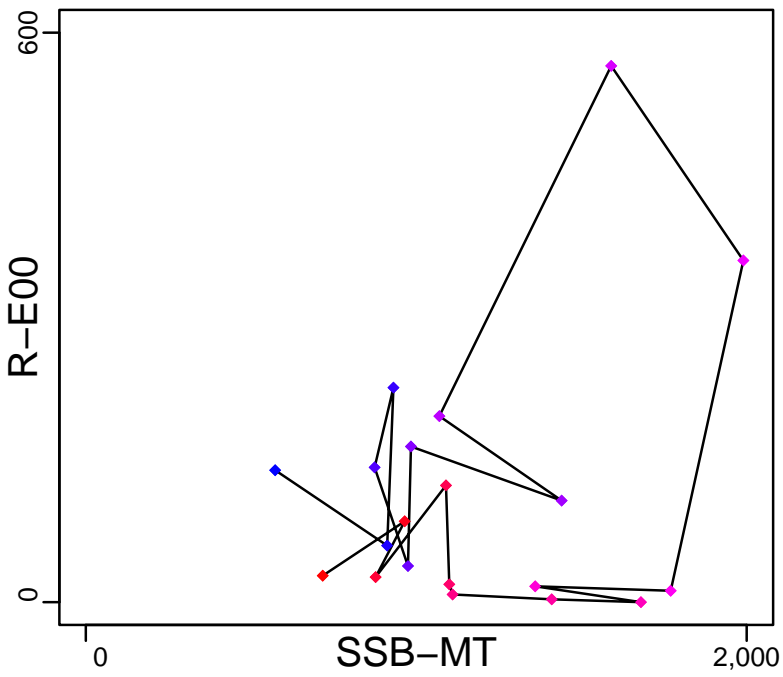
Kobe MSY\*



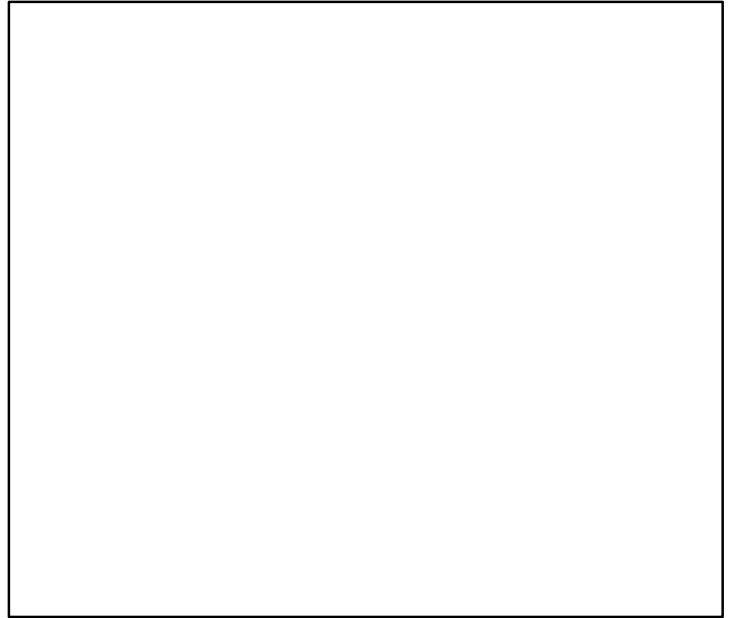
Kobe MGT\*



Spawner Recruit (1973–2020–ICESIMP2021–2)



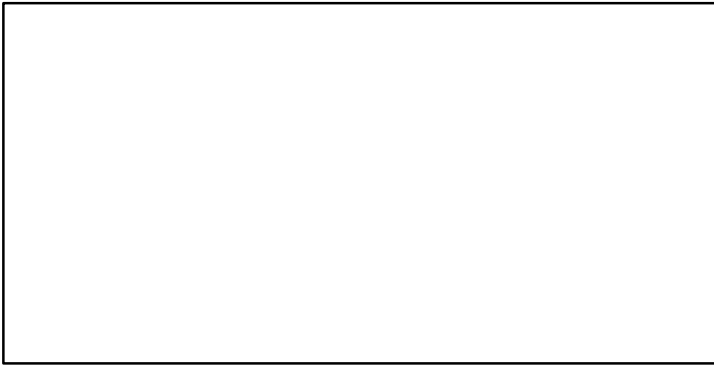
Production\*



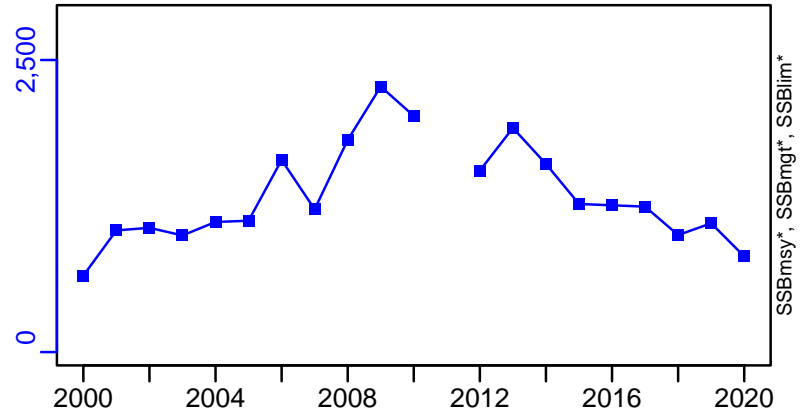
◆ Start Year ◆ End Year \* No Data

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

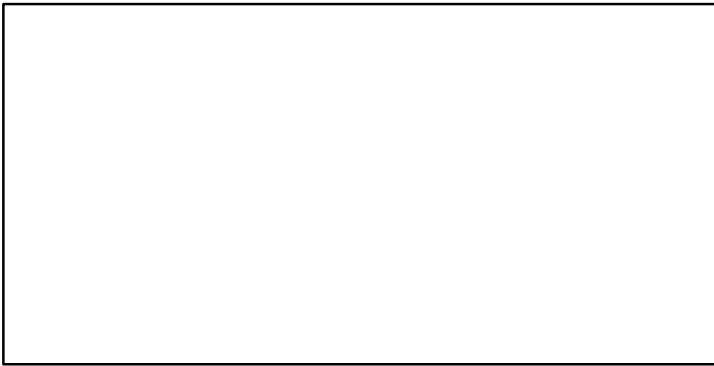
TB\*



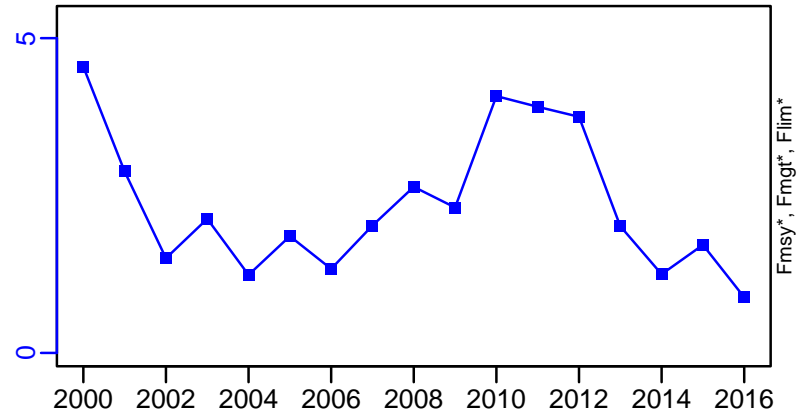
SSB-MT (1973-2020-ICESIMP2021-2)



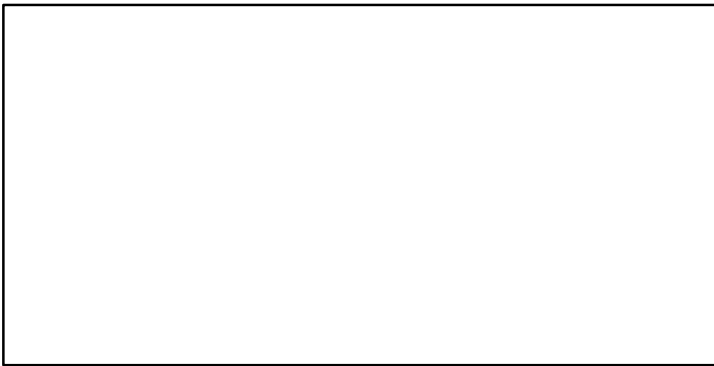
TN \*



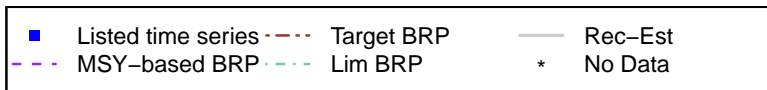
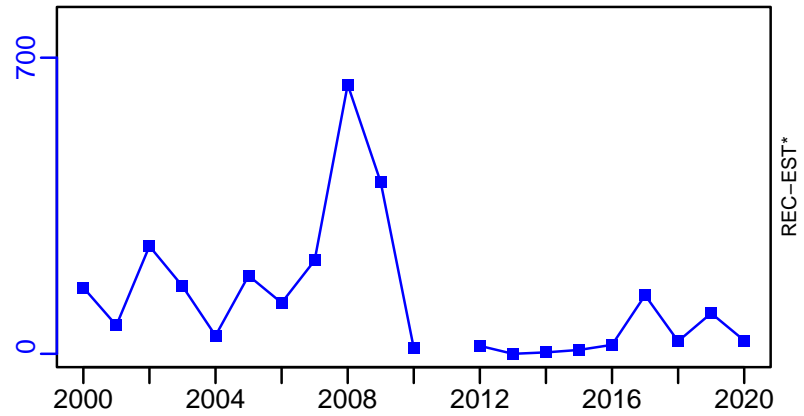
F-1/yr (2000-2016-ICESIMP2018)



ER\*

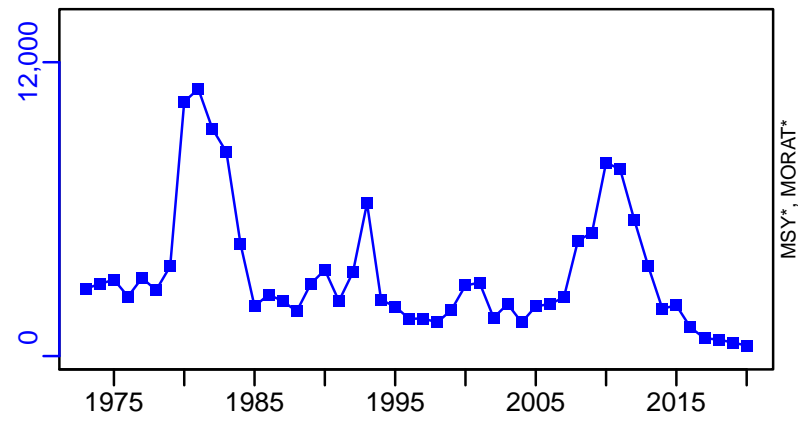


R-E00 (1973-2020-ICESIMP2021-2)



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

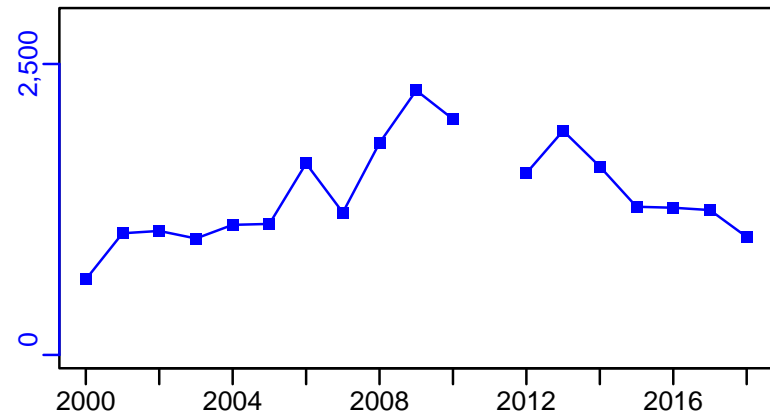
TC-MT, TL\*, RecC\* (1973-2020-ICESIMP2021-2)



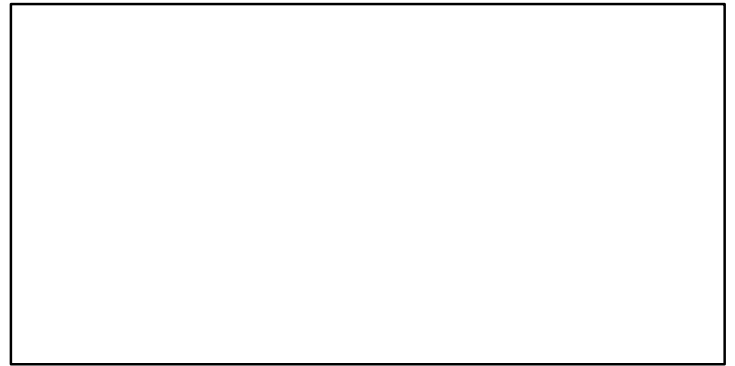
TAC\*, Cpair\*, Cadv\*



survB-MT (1973-2018-ICESIMP2021)



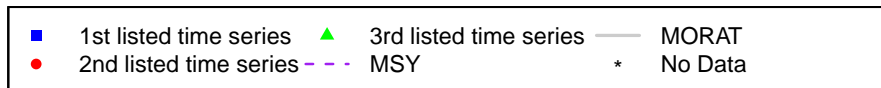
CPUE\*



EFFORT\*



CdivMSY\*



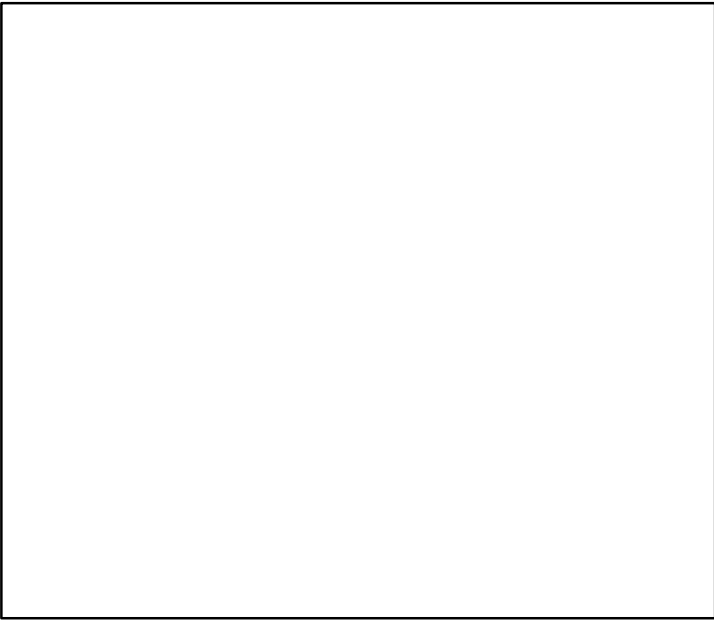
## Capelin ICES 2a-5-14 [CAPEIIa-V-XIV]

Metadata	
<b>Scientific Name</b>	Mallotus villosus
<b>Current Assess ID</b>	NWWG-CAPEIIa-V-XIV-1979-2022-HIVELY
<b>Area</b>	ICES 2a-5-14
<b>Management Authority</b>	International Council for the Exploration of the Sea
<b>Assessor</b>	North-Western Working Group
<b>Asmts in RAM</b>	2010, 2014, 2016, 2015, 2017, 2019, 2020, 2022

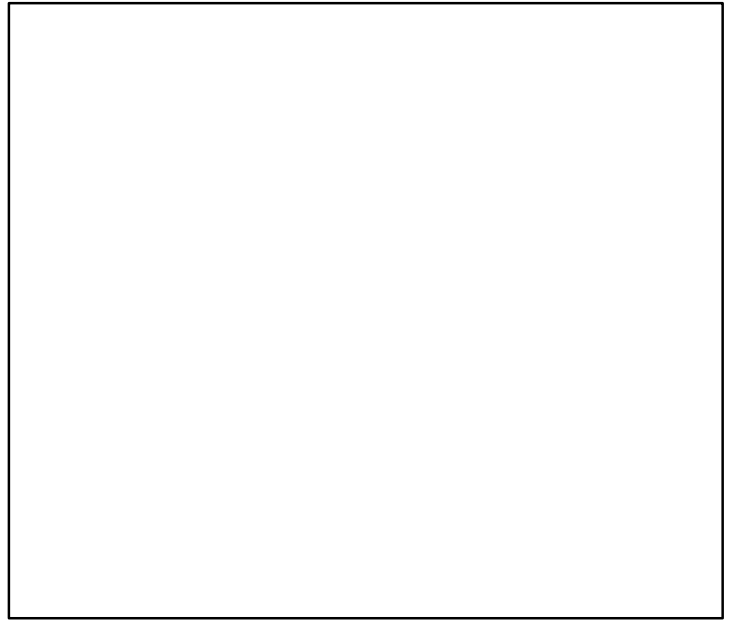
Reference Points			
Type	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	-	-	-
Fmsy	-	-	-
ERmsy	-	-	-
TBmgt	-	-	-
SSBmgt	SSBmgt-MT	2022	150,000
Fmgt	-	-	-
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	-	-	-
M	-	-	-
TBlim	-	-	-
SSBlim	SSBlim-MT	2022	150,000
Flim	-	-	-
ERlim	-	-	-

Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	-	-	-	-	-
SSB	SSB-MT	2022	460,000	-	-
TN	-	-	-	-	-
R	R-E00	2022	40,720,000	-	-
F	-	-	-	-	-
ER	ER-ratio	2010	0.016	-	-
TC	TC-MT	2022	608,036		
TL	TL-MT	2020	0		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2022	3.067		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

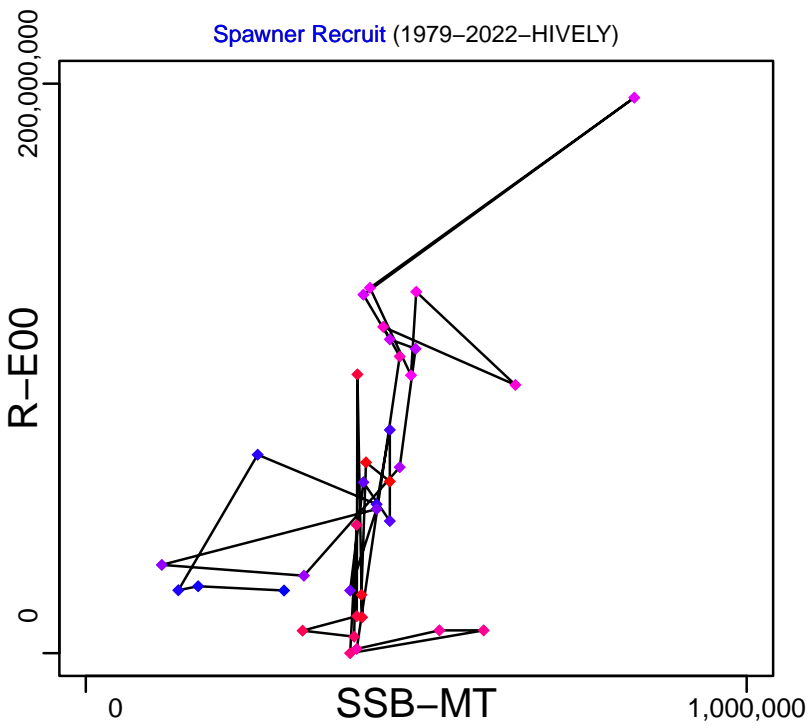
Kobe MSY\*



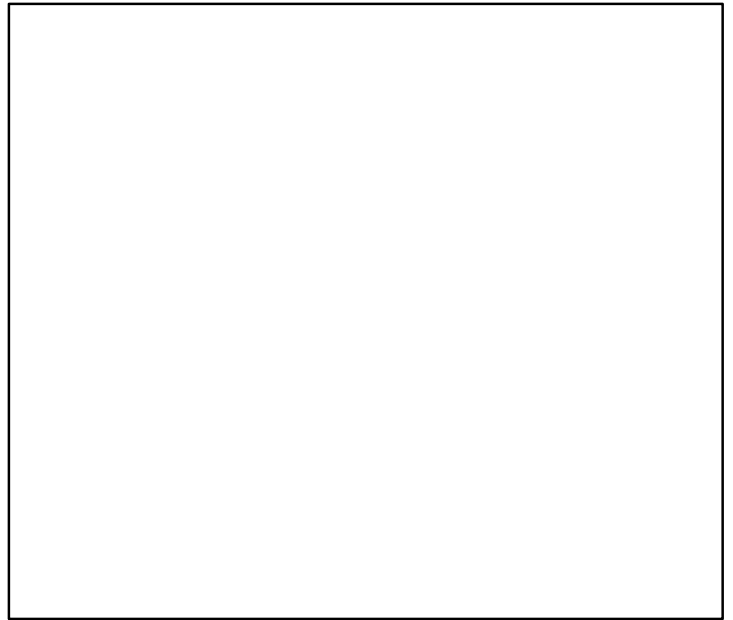
Kobe MGT\*



Spawner Recruit (1979-2022-HIVELY)



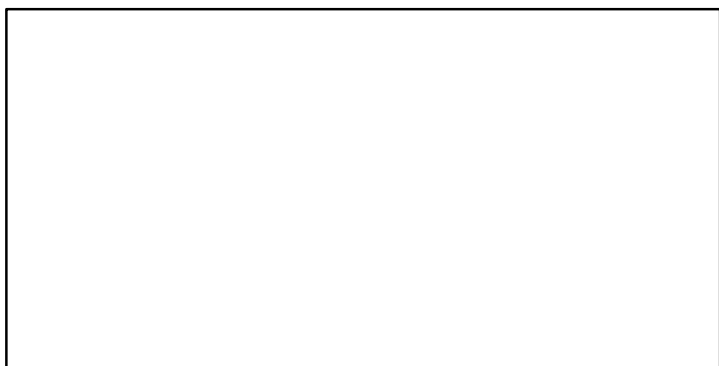
Production\*



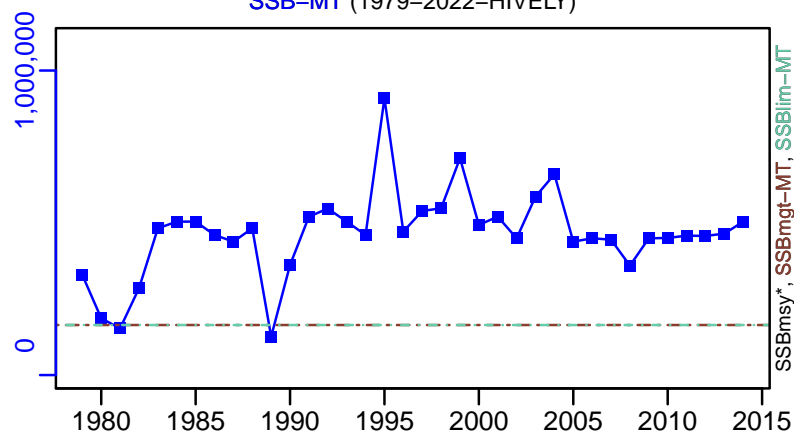
◆ Start Year ◆ End Year \* No Data

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

TB\*



SSB-MT (1979-2022-HIVELY)



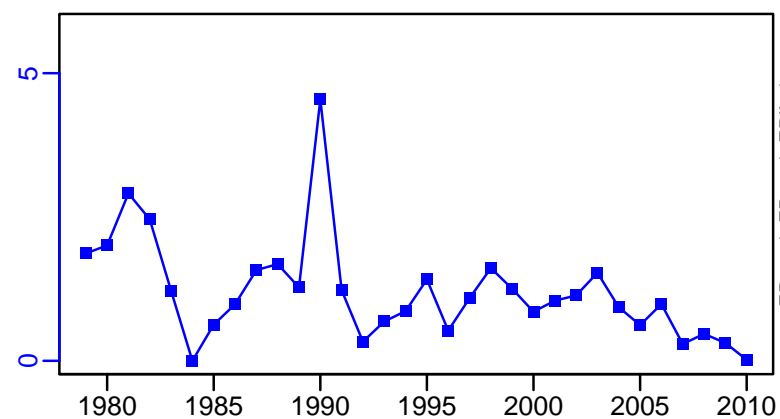
TN \*



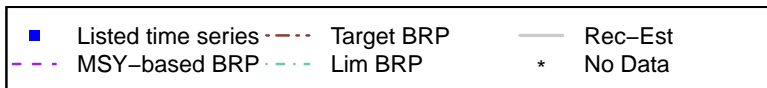
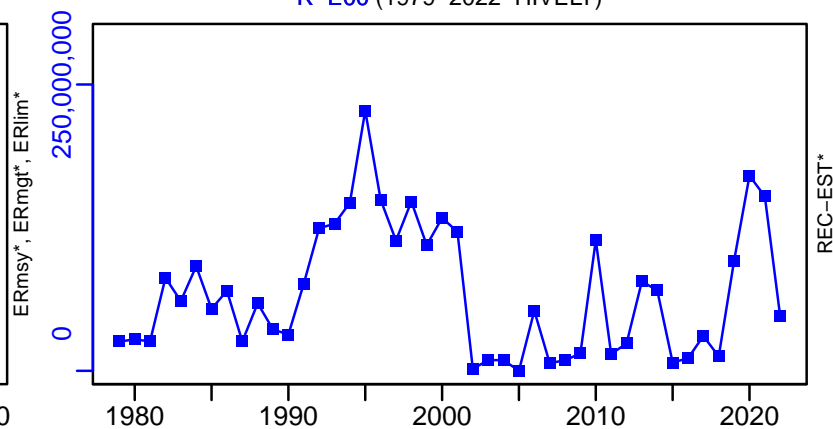
F\*



ER-ratio (1977-2010-NEUBAUER)



R-E00 (1979-2022-HIVELY)

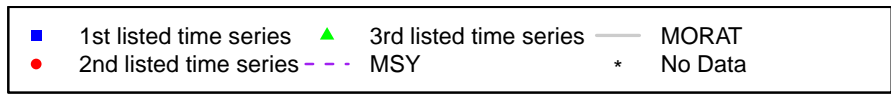
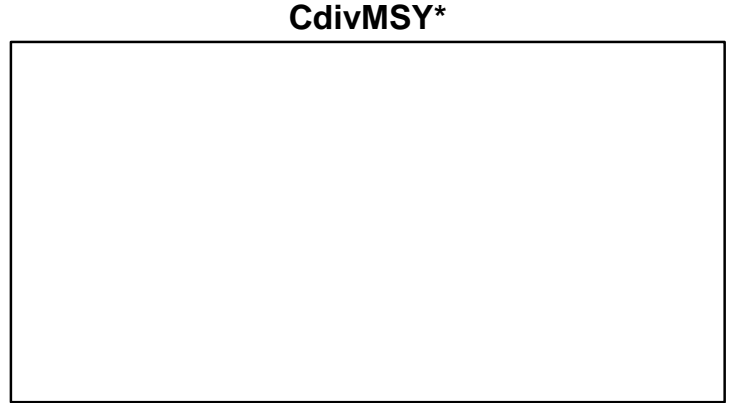
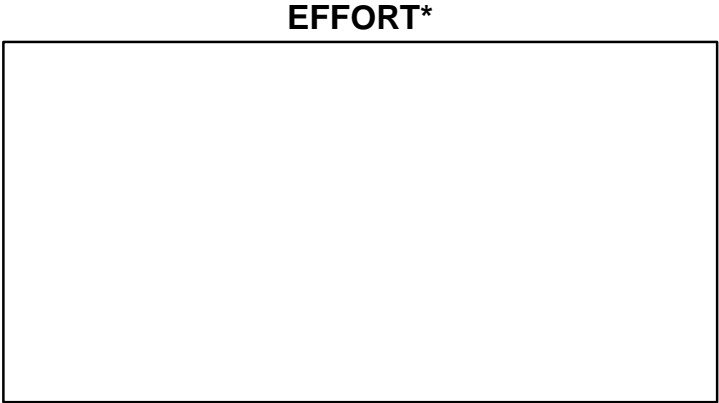
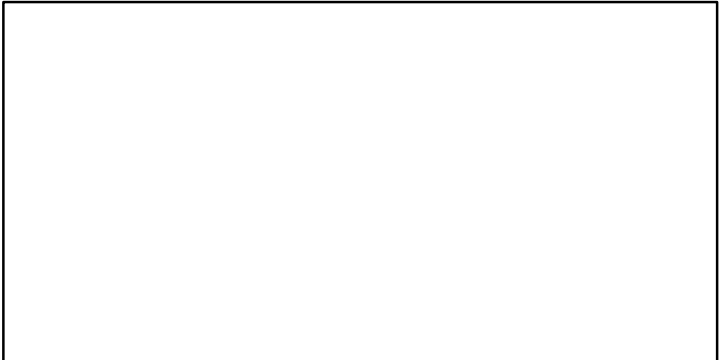
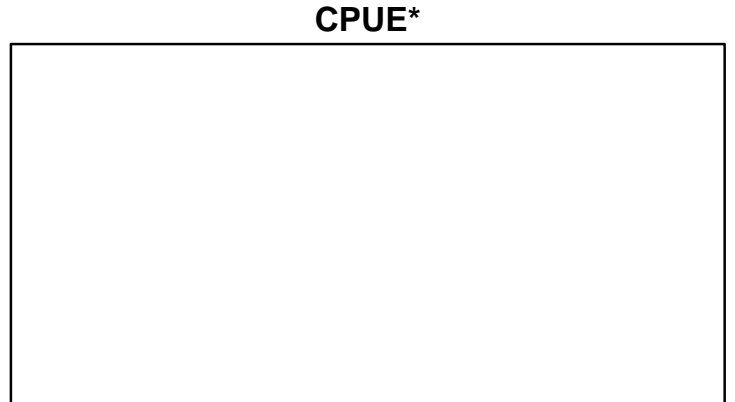
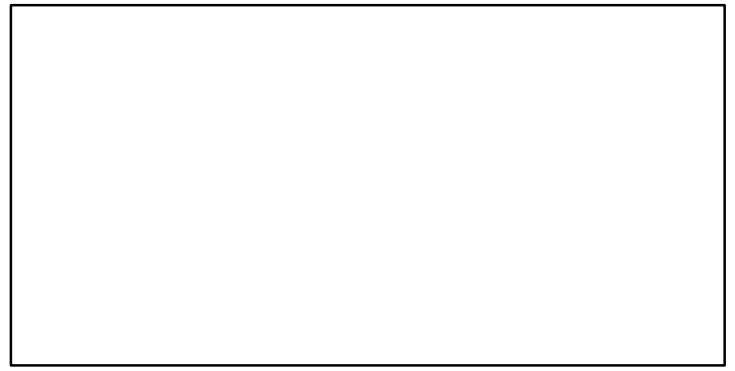
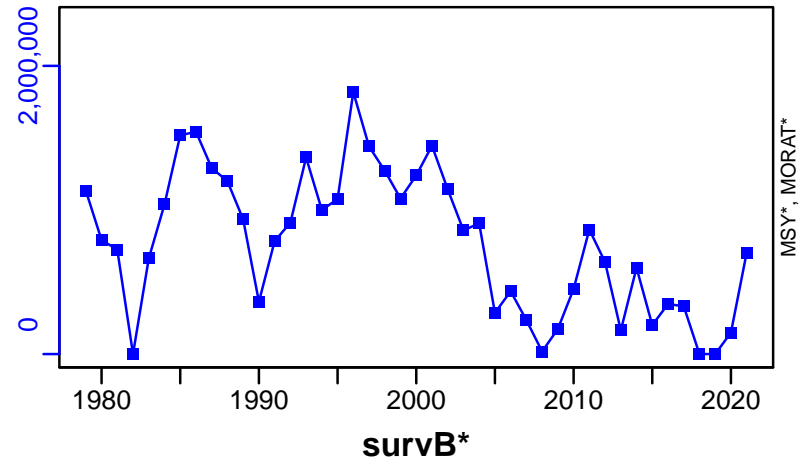




Capelin ICES 2a-5-14 [CAPElla-V-XIV]

TC-MT, TL\*, RecC\* (1979-2022-HIVELY)

TAC\*, Cpair\*, Cadv\*



## Capelin Barents Sea [CAPENOR]

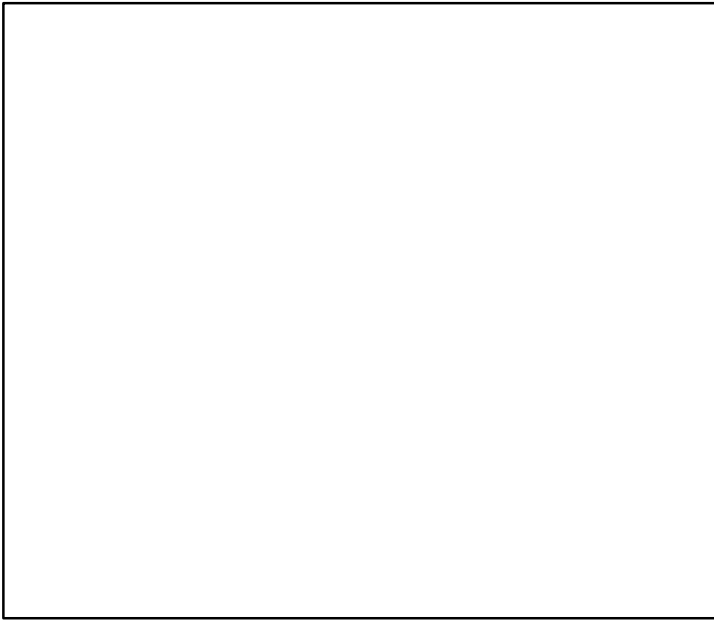
Metadata	
<b>Scientific Name</b>	Mallotus villosus
<b>Current Assess ID</b>	AFWG-CAPENOR-1972-2021-ICESIMP2021-2
<b>Area</b>	Barents Sea
<b>Management Authority</b>	International Council for the Exploration of the Sea
<b>Assessor</b>	Arctic Fisheries Working Group
<b>Asmts in RAM</b>	2007, 2016, 2017, 2018, 2019, 2021

Reference Points			
Type	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	-	-	-
Fmsy	-	-	-
ERmsy	-	-	-
TBmgt	-	-	-
SSBmgt	-	-	-
Fmgt	-	-	-
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	-	-	-
M	-	-	-
TBlim	-	-	-
SSBlim	SSBlim-MT	2021	$2 \times 10^5$
Flim	-	-	-
ERlim	-	-	-

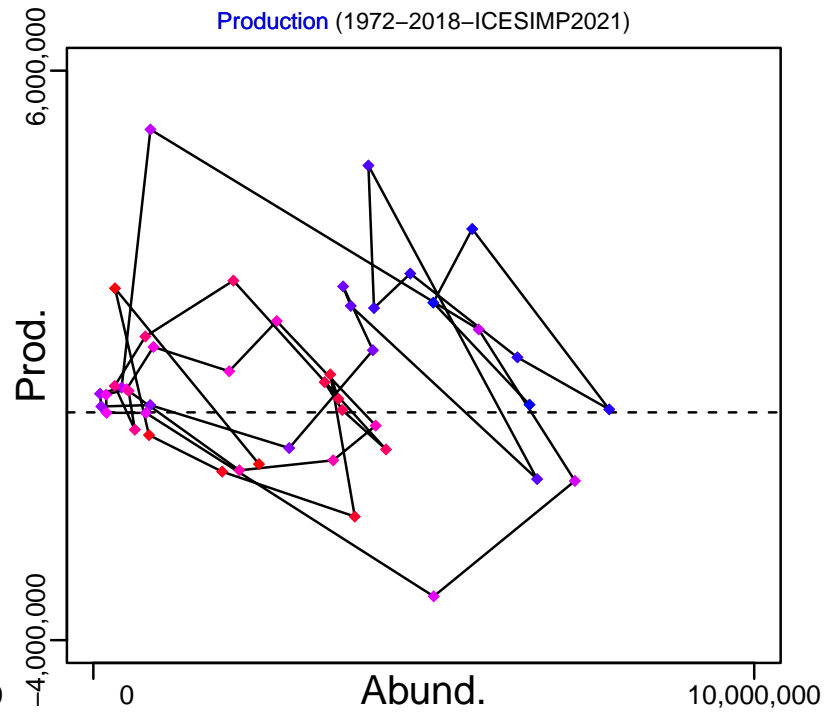
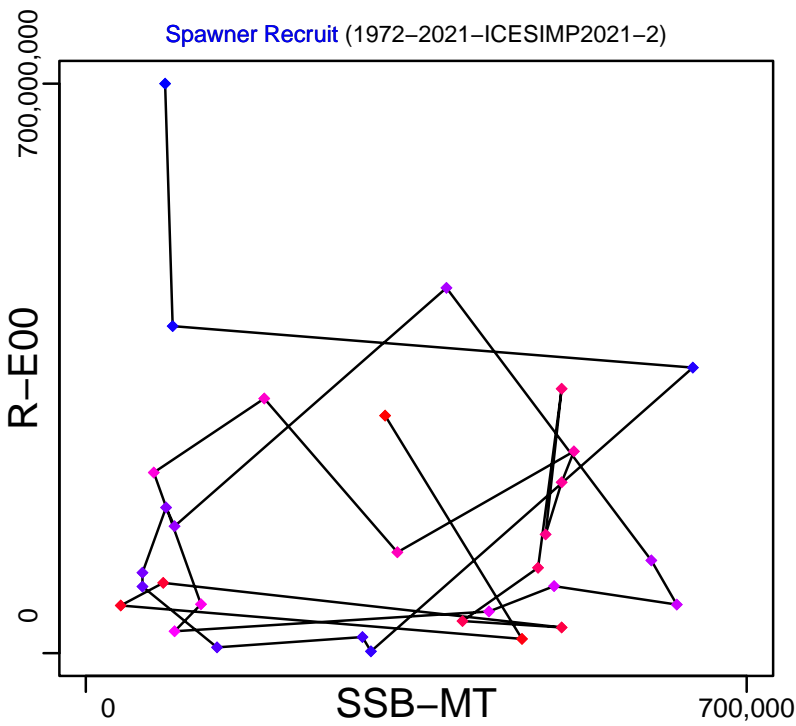
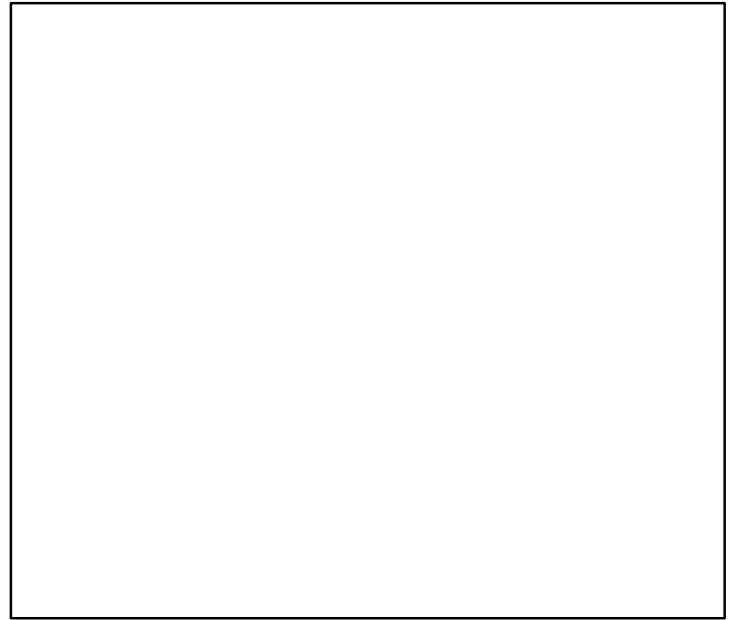
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	TB-MT	2018	1,597,000	-	-
SSB	SSB-MT	2021	156,000	-	-
TN	-	-	-	-	-
R	R-E00	2021	$2.92 \times 10^8$	-	1
F	-	-	-	-	-
ER	ER-calc-ratio	2018	0.122	-	-
TC	TC-MT	2021	31		
TL	TL-MT	2019	0		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

Capelin Barents Sea [CAPENOR]

Kobe MSY\*



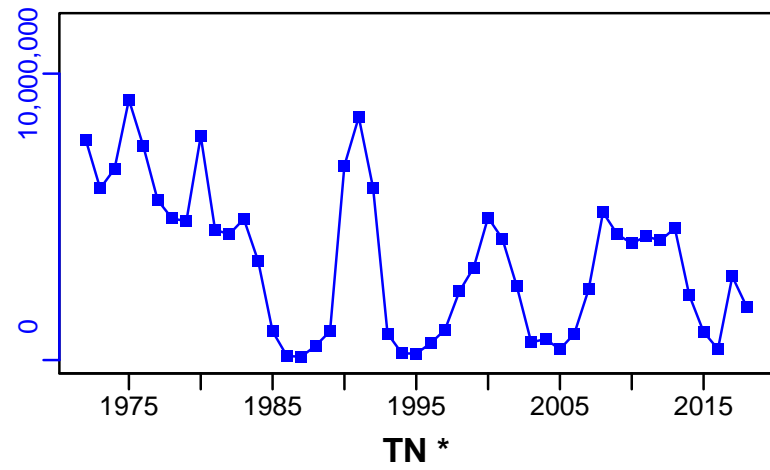
Kobe MGT\*



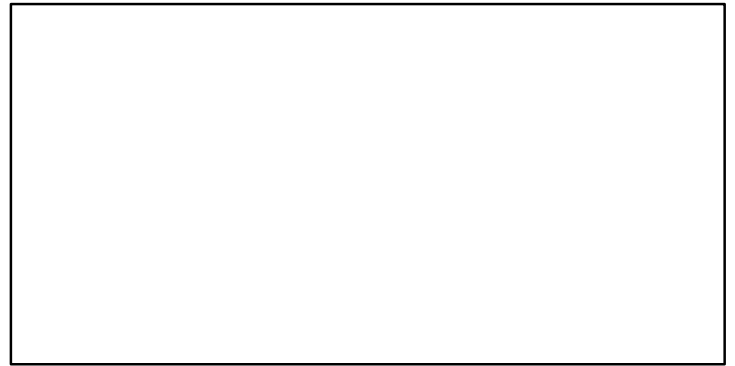
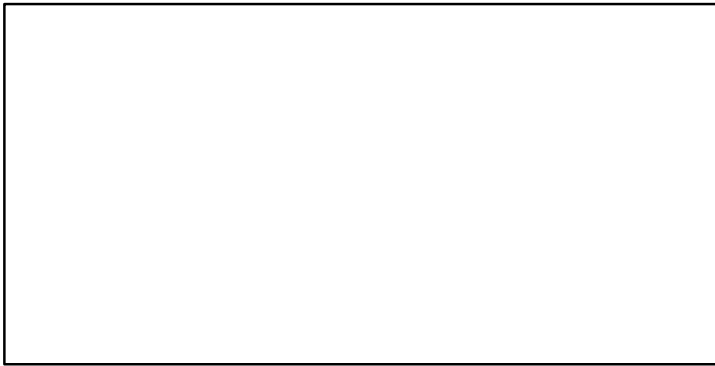
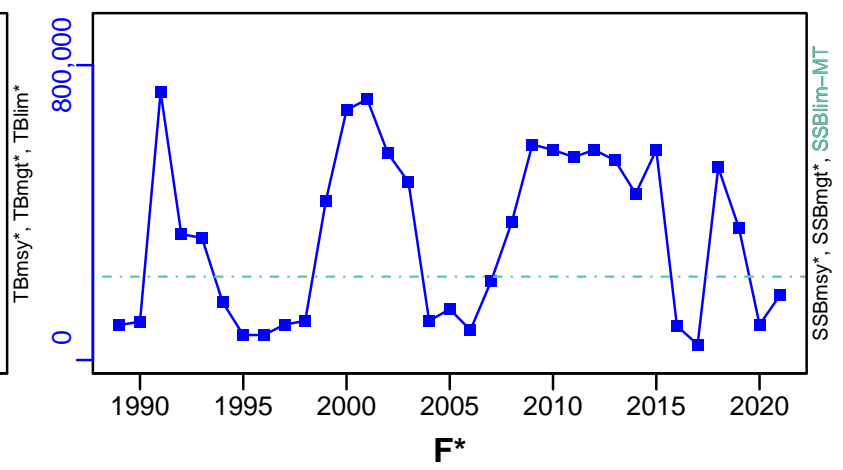
◆ Start Year ◆ End Year \* No Data

# Capelin Barents Sea [CAPENOR]

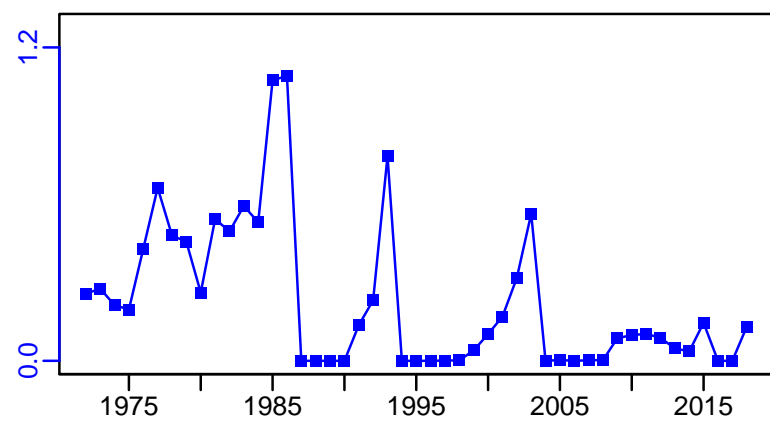
TB-MT (1972–2018–ICESIMP2021)



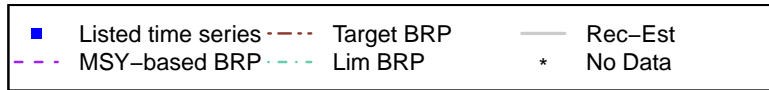
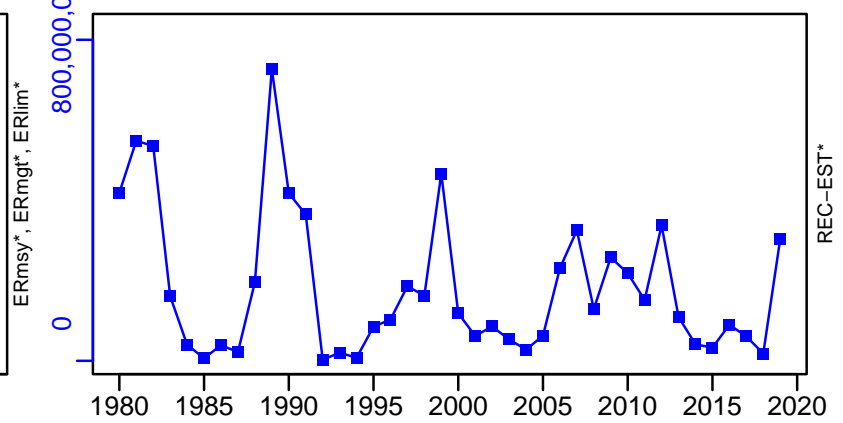
SSB-MT (1972–2021–ICESIMP2021–2)



ER-calc-ratio (1972–2018–ICESIMP2021)

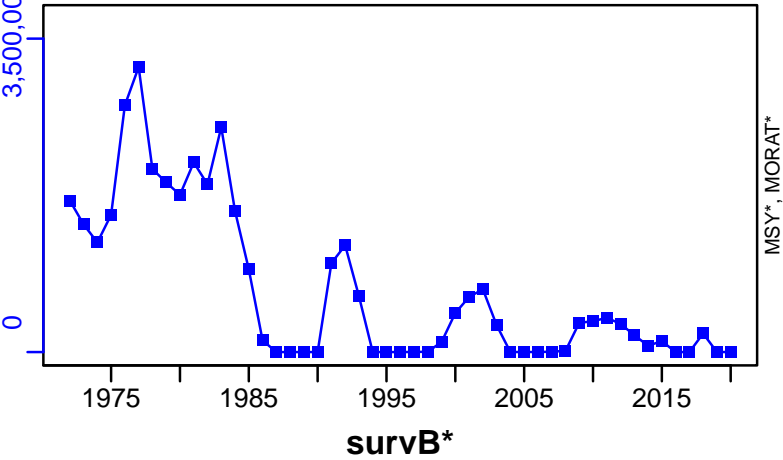


R-E00 (1972–2021–ICESIMP2021–2)



Capelin Barents Sea [CAPENOR]

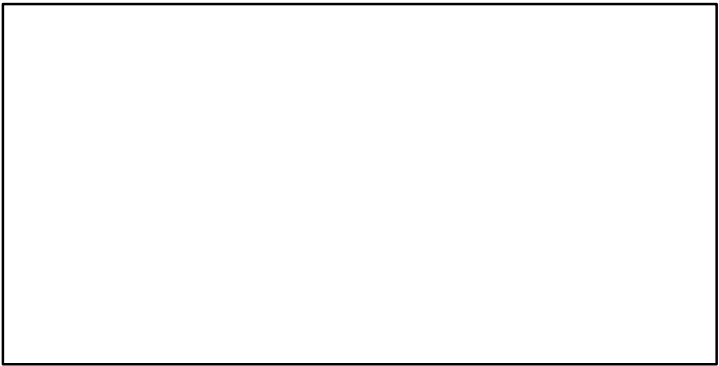
TC-MT, TL\*, RecC\* (1972-2021-ICESIMP2021-2)



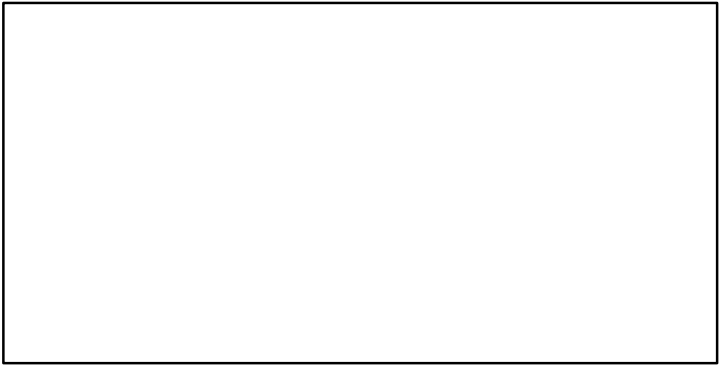
TAC\*, Cpair\*, Cadv\*



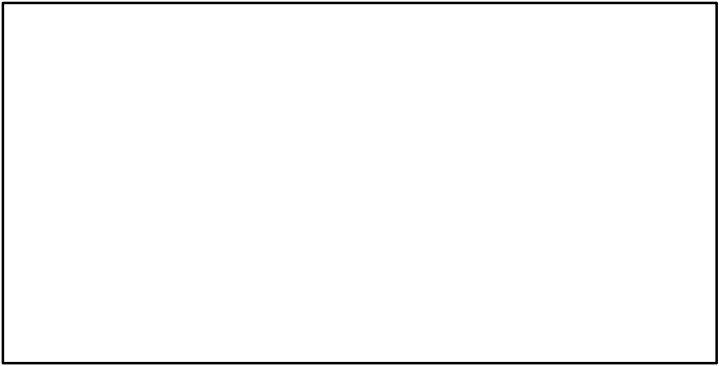
CPUE\*



EFFORT\*



CdivMSY\*



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

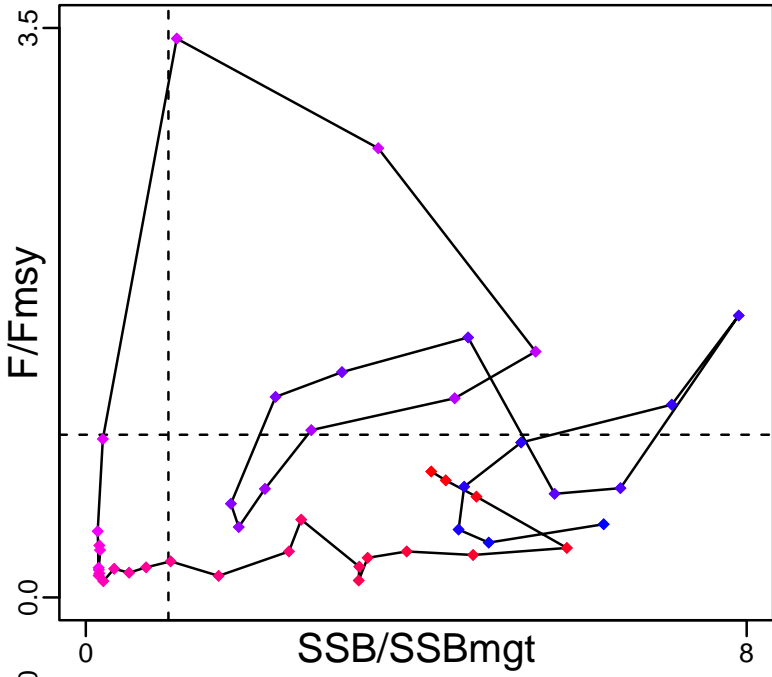
Metadata	
<b>Scientific Name</b>	Gadus morhua
<b>Current Assess ID</b>	NWWG-COD1F-XIV-1973-2021-ICESIMP2021-2
<b>Area</b>	NAFO 1F and ICES 14
<b>Management Authority</b>	International Council for the Exploration of the Sea
<b>Assessor</b>	North-Western Working Group
<b>Asmts in RAM</b>	2015, 2016, 2018, 2019, 2020, 2021

Reference Points			
Type	ID	Asmt Year	Value
<b>TBmsy</b>	-	-	-
<b>SSBmsy</b>	-	-	-
<b>Fmsy</b>	Fmsy-1/yr	2021	0.29
<b>ERmsy</b>	-	-	-
<b>TBmgt</b>	-	-	-
<b>SSBmgt</b>	SSBmgt-MT	2018	14,803
<b>Fmgt</b>	Fmgt-1/yr	2021	0.29
<b>ERmgt</b>	-	-	-
<b>TB0</b>	-	-	-
<b>SSB0</b>	-	-	-
<b>MSY</b>	-	-	-
<b>M</b>	-	-	-
<b>TBlim</b>	-	-	-
<b>SSBlim</b>	SSBlim-MT	2021	11,700
<b>Flim</b>	Flim-1/yr	2021	1.98
<b>ERlim</b>	-	-	-

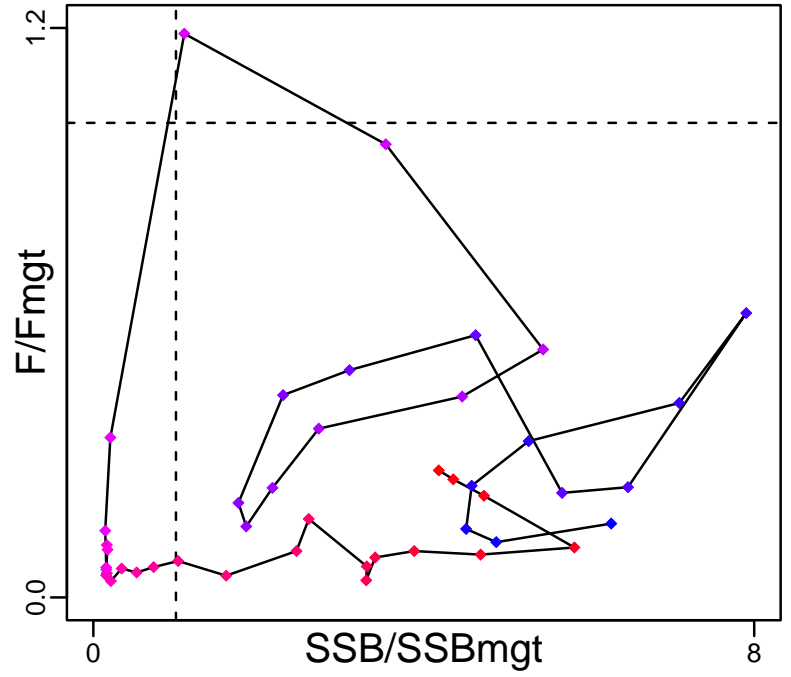
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
<b>TB</b>	TB-MT	2019	62,429	-	-
<b>SSB</b>	SSB-MT	2021	65,800	-	-
<b>TN</b>	-	-	-	-	-
<b>R</b>	R-E00	2021	6,930,000	-	1
<b>F</b>	F-1/yr	2021	0.369	-	-
<b>ER</b>	ER-calc-ratio	2019	0.241	-	-
<b>TC</b>	TC-MT	2021	15,900		
<b>TL</b>	TL-MT	2020	18,100		
<b>TB/TBmsy</b>	-	-	-		
<b>SSB/SSBmsy</b>	-	-	-		
<b>F/Fmsy</b>	F-1/yr/Fmsy-1/yr	2021	1.272		
<b>ER/ERmsy</b>	-	-	-		
<b>TB/TBmgt</b>	-	-	-		
<b>SSB/SSBmgt</b>	SSB-MT/SSBmgt-MT	2018	2.743		
<b>F/Fmgt</b>	F-1/yr/Fmgt-1/yr	2021	1.272		
<b>ER/ERmgt</b>	-	-	-		

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

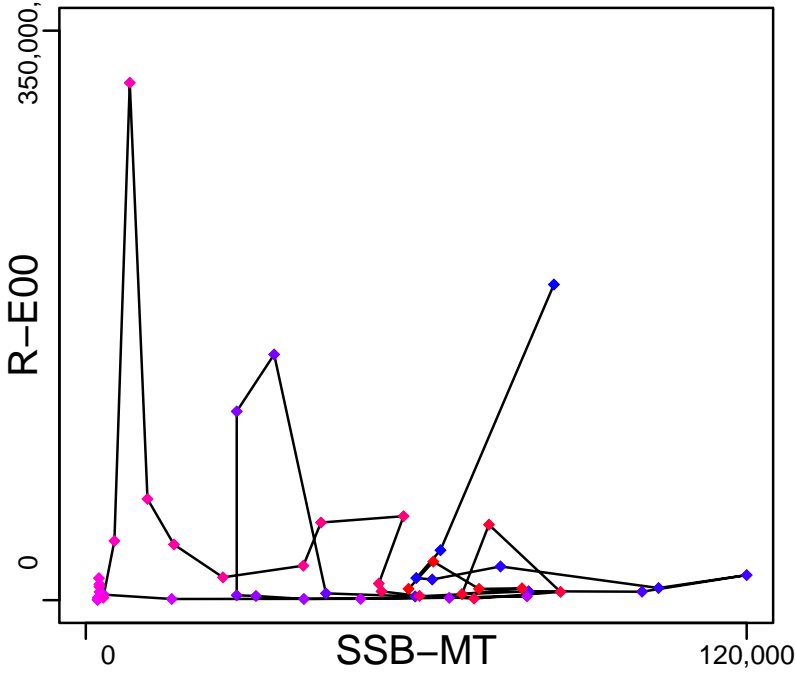
Kobe MSYpref (1972–2018–ICESIMP2018)



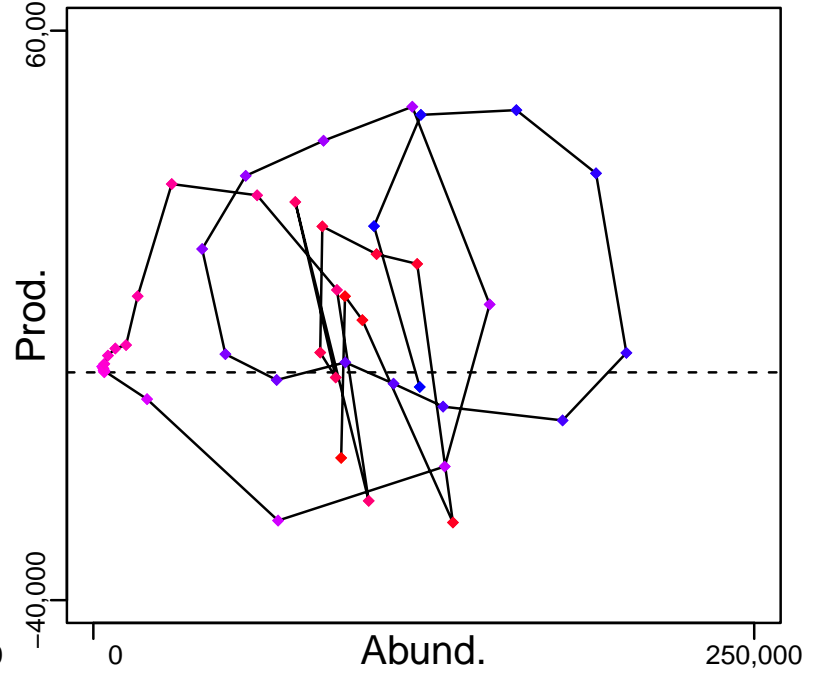
Kobe MGTpref (1972–2018–ICESIMP2018)



Spawner Recruit (1973–2021–ICESIMP2021–2)



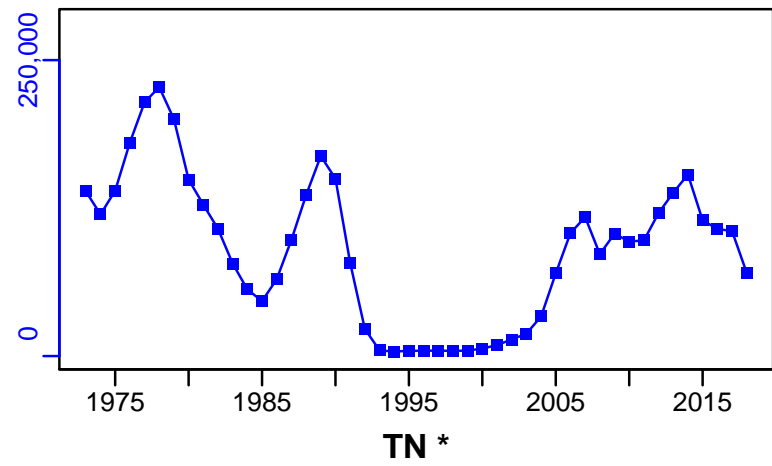
Production (1972–2019–ICESIMP2021)



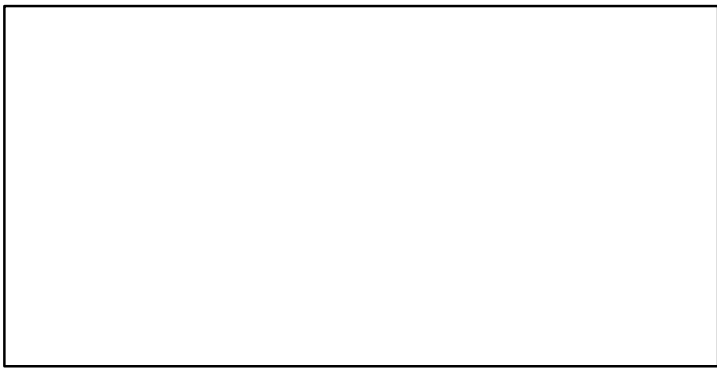
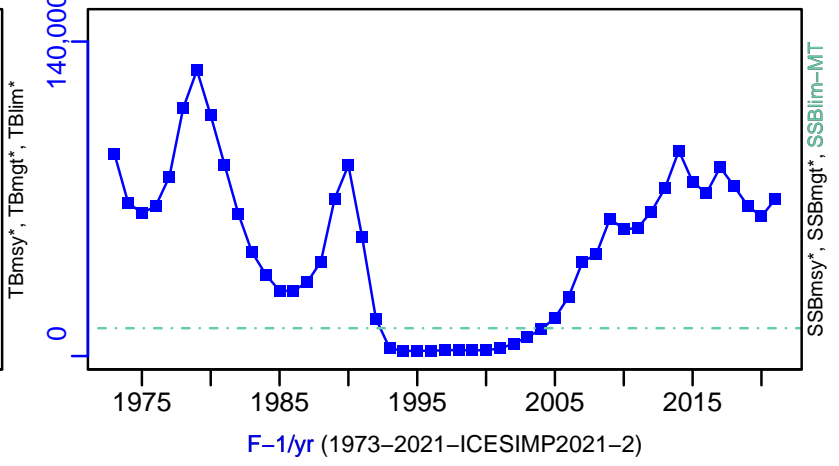
◆ Start Year ◆ End Year \* No Data

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

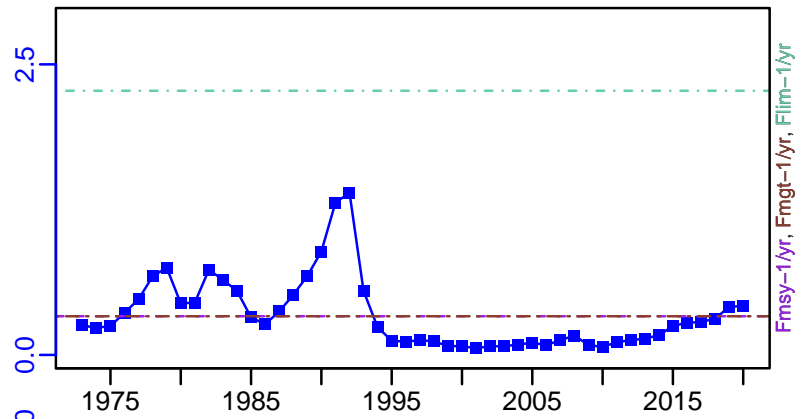
TB-MT (1972-2019-ICESIMP2021)



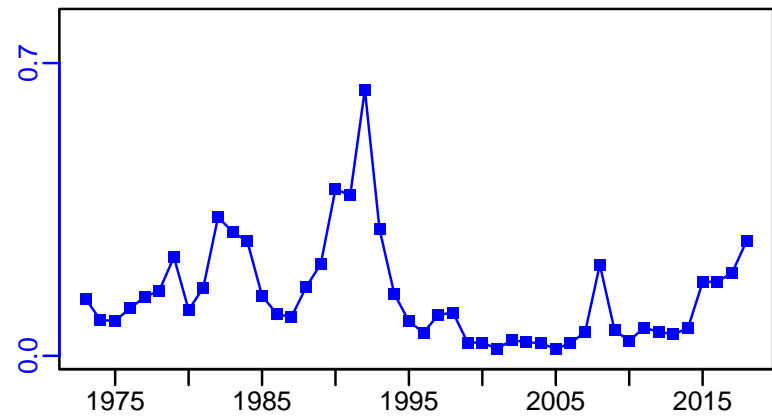
SSB-MT (1973-2021-ICESIMP2021-2)



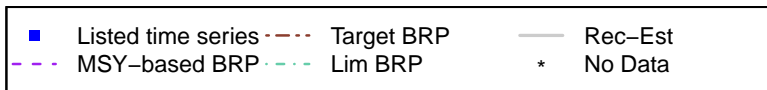
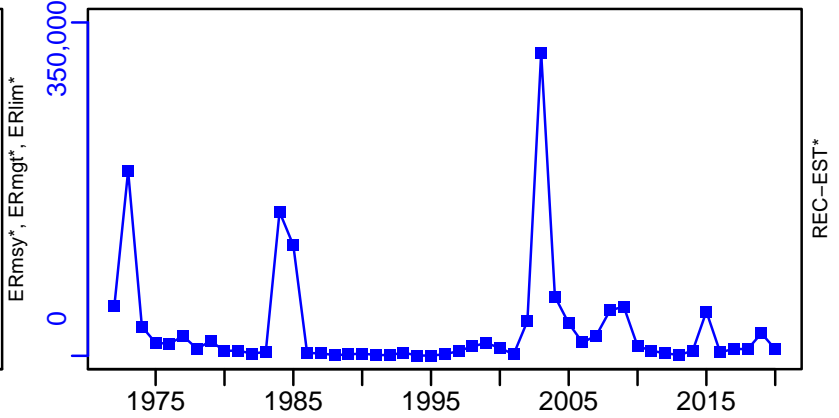
F-1/yr (1973-2021-ICESIMP2021-2)



ER-calc-ratio (1972-2019-ICESIMP2021)



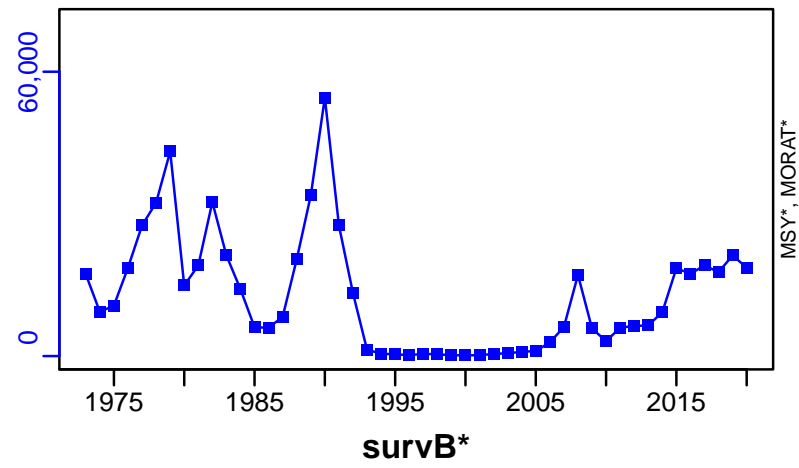
R-E00 (1973-2021-ICESIMP2021-2)



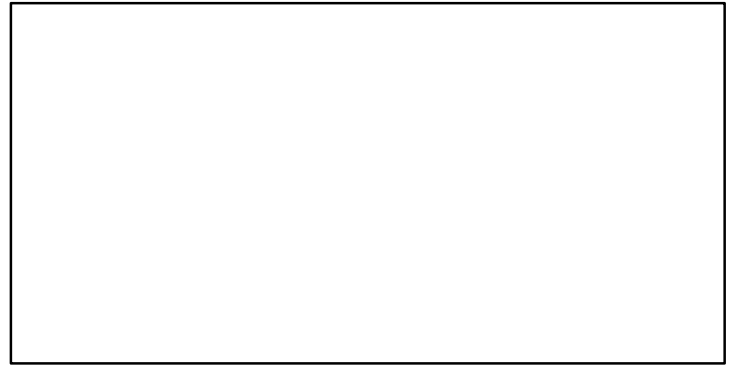


# Atlantic cod NAFO 1F and ICES 14 [COD1F–XIV]

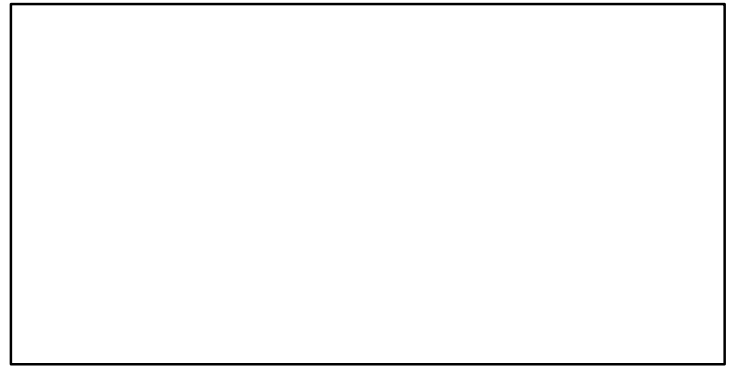
TC–MT, TL\*, RecC\* (1973–2021–ICESIMP2021–2)



TAC\*, Cpair\*, Cadv\*



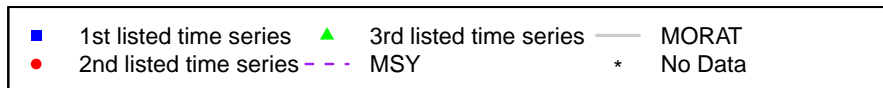
CPUE\*



EFFORT\*



CdivMSY\*



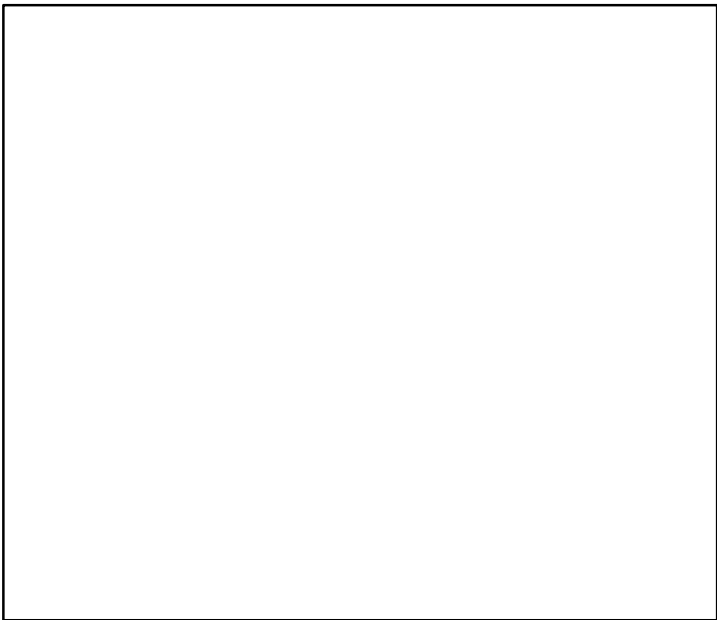
## Atlantic cod Faroe Bank [CODFABNK]

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

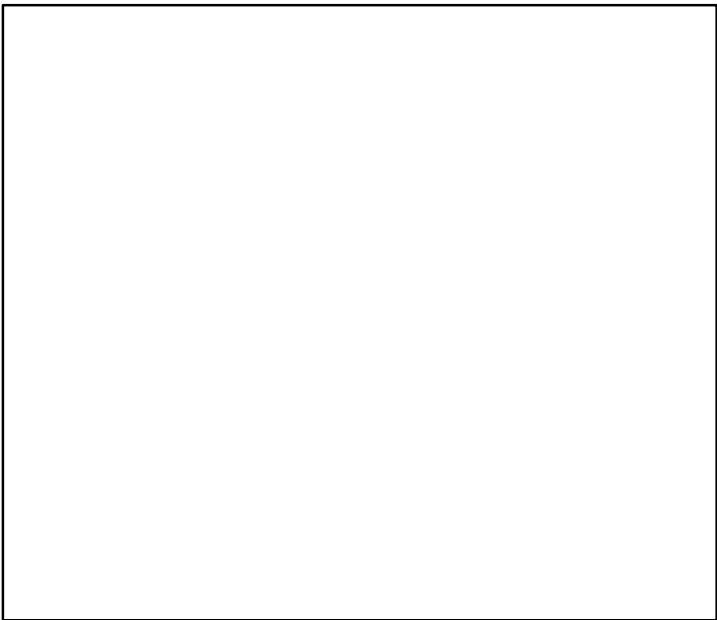
Reference Points			
Type	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	-	-	-
Fmsy	-	-	-
ERmsy	-	-	-
TBmgt	-	-	-
SSBmgt	-	-	-
Fmgt	-	-	-
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	-	-	-
M	-	-	-
TBlim	-	-	-
SSBlim	-	-	-
Flim	-	-	-
ERlim	-	-	-

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

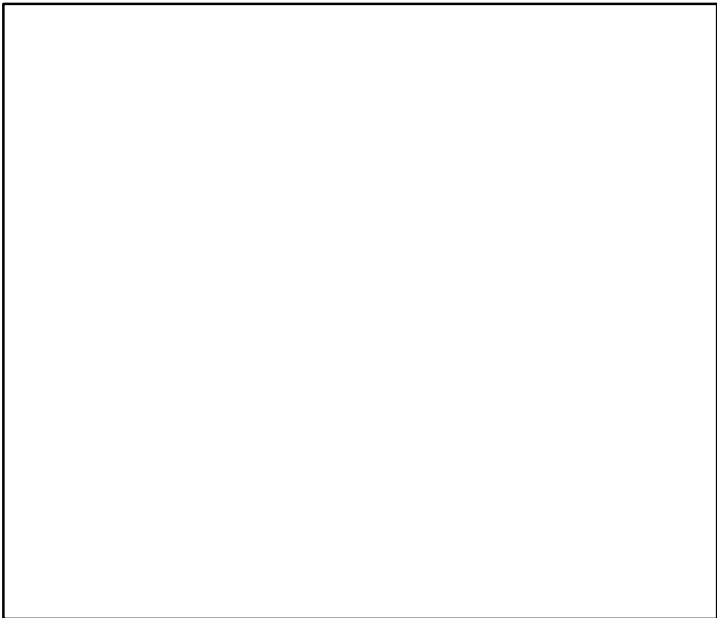
Kobe MSY\*



Kobe MGT\*



Spawner Recruit\*



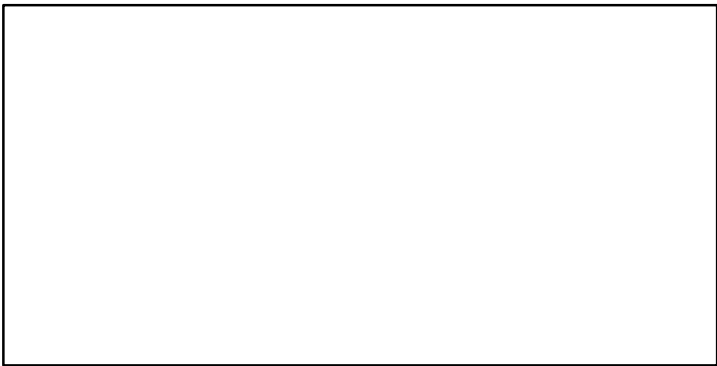
Production\*



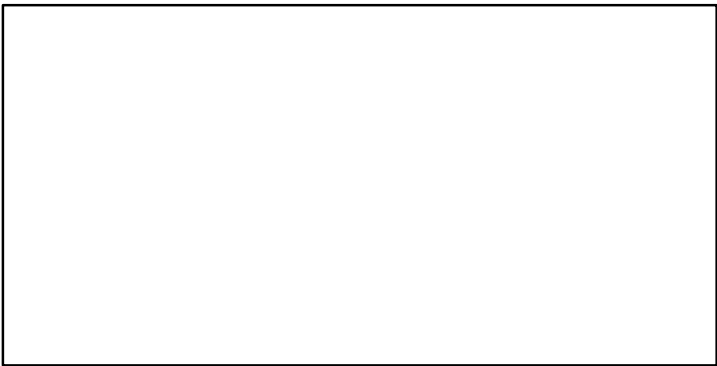
◆ Start Year   ◆ End Year   \* No Data

Atlantic cod Faroe Bank [CODFABNK]

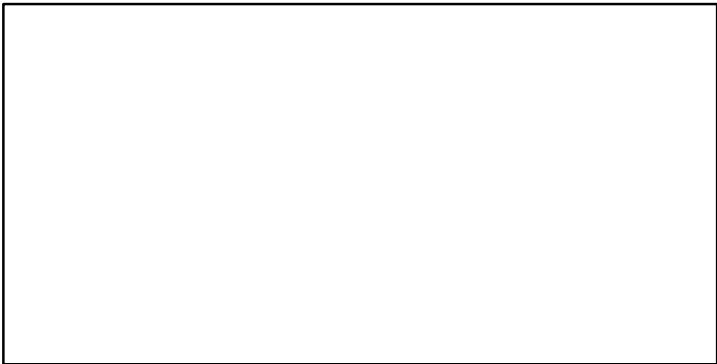
TB\*



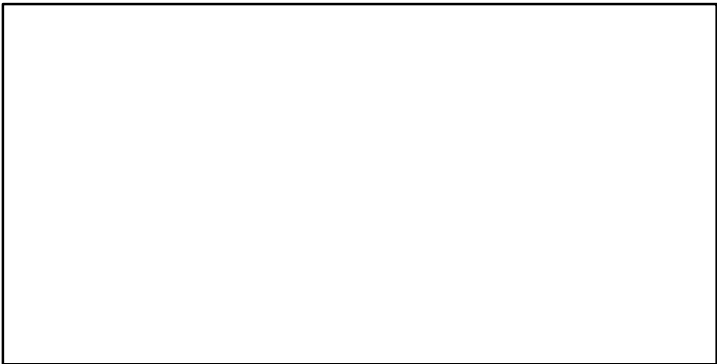
SSB\*



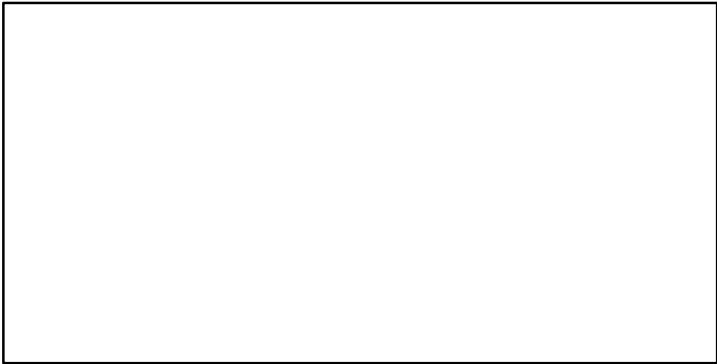
TN \*



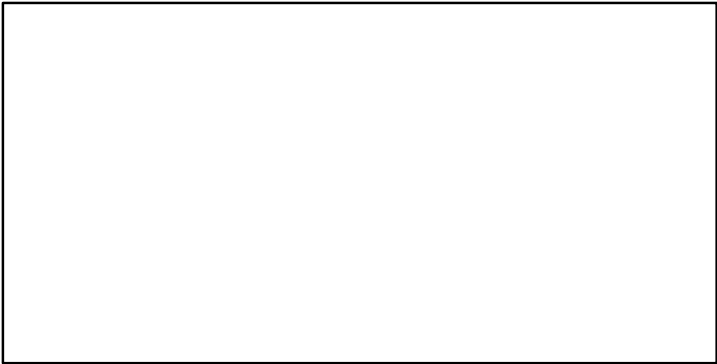
F\*



ER\*



Recruits\*



■ Listed time series

--- MSY-based BRP

--- Target BRP

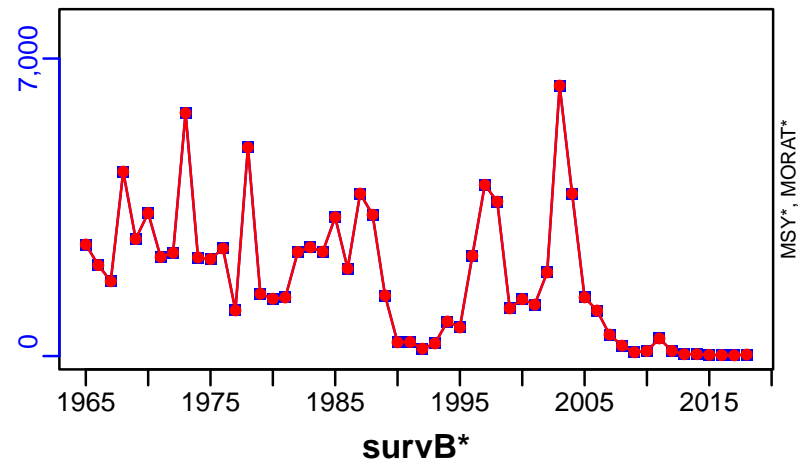
--- Lim BRP

— Rec-Est

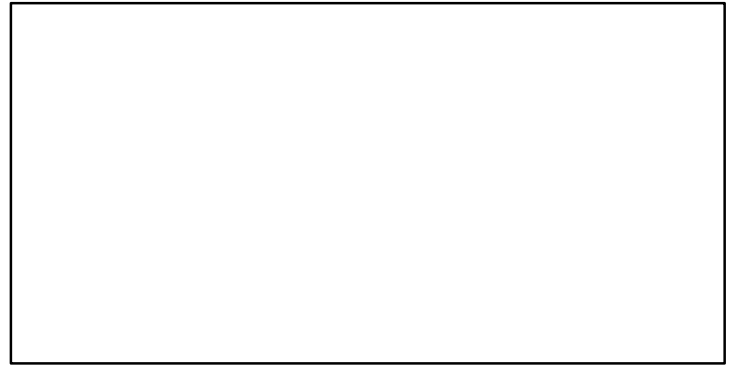
\* No Data

# Atlantic cod Faroe Bank [CODFABNK]

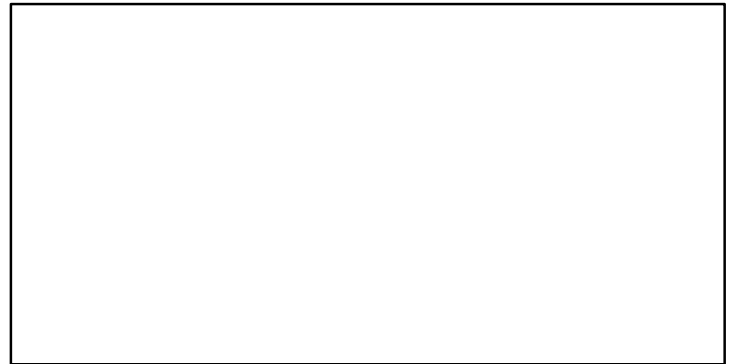
TC-MT, TL-MT, RecC\* (1965–2018–ICESIMP2021)



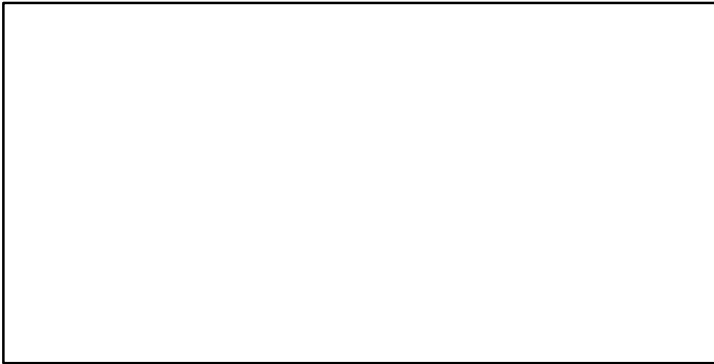
TAC\*, Cpair\*, Cadv\*



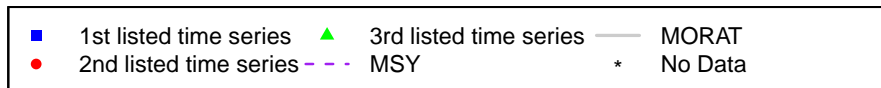
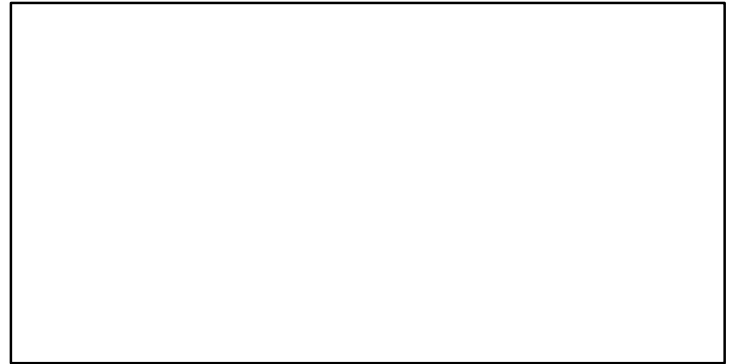
CPUE\*



EFFORT\*



CdivMSY\*

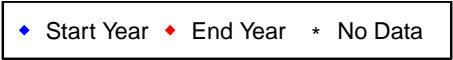
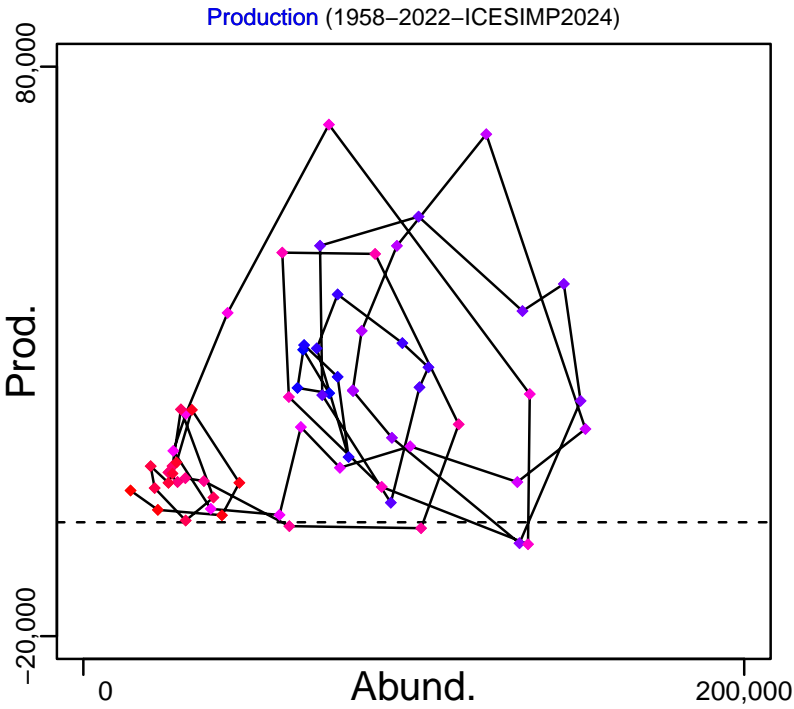
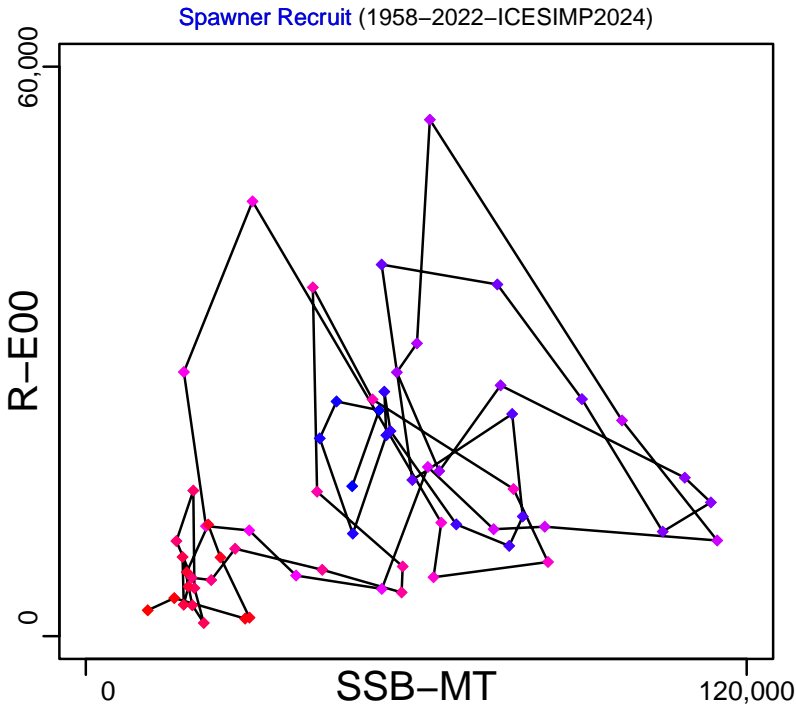
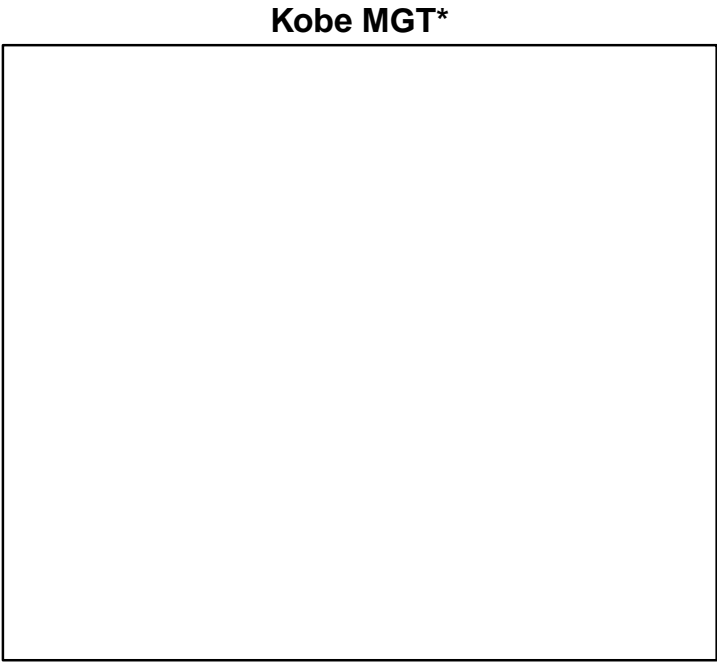
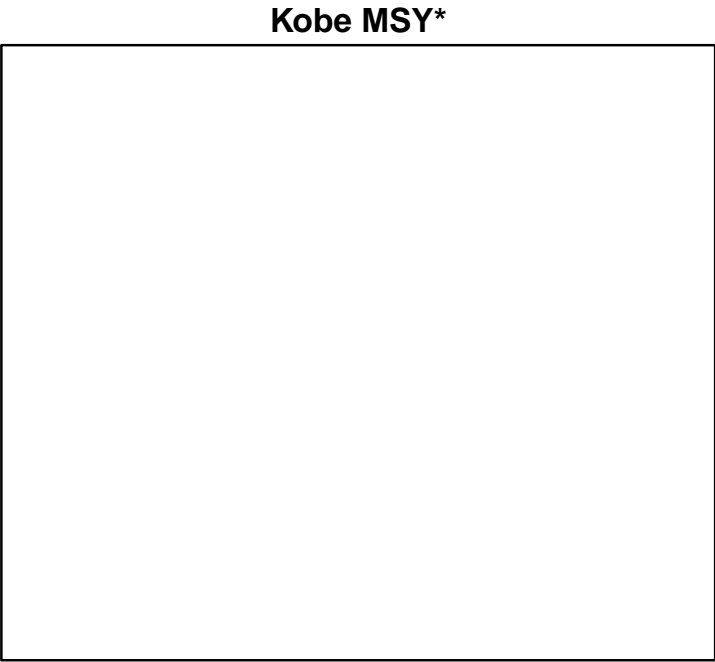


## Atlantic cod Faroe Plateau [CODFAPL]

Metadata	
<b>Scientific Name</b>	Gadus morhua
<b>Current Assess ID</b>	NWWG-CODFAPL-1958-2022-ICESIMP2024
<b>Area</b>	Faroe Plateau
<b>Management Authority</b>	International Council for the Exploration of the Sea
<b>Assessor</b>	North-Western Working Group
<b>Asmts in RAM</b>	2015, 2016, 2017, 2018, 2019, 2021, 2022, 2012, 2013, 2014, 2020

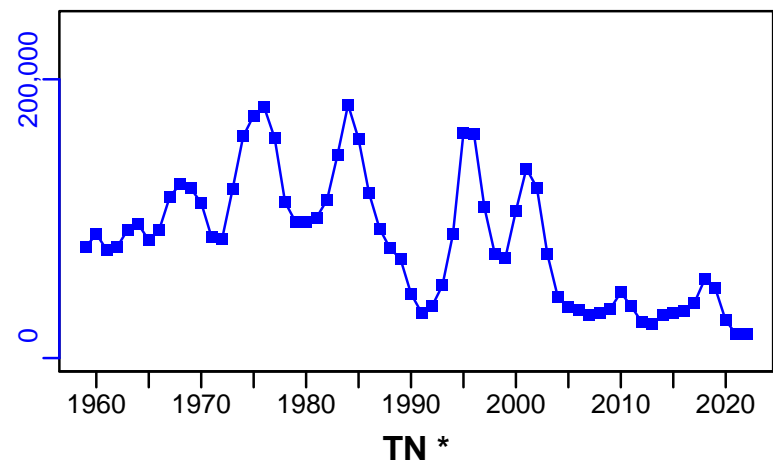
Reference Points			
Type	ID	Asmt Year	Value
<b>TBmsy</b>	-	-	-
<b>SSBmsy</b>	-	-	-
<b>Fmsy</b>	Fmsy-1/yr	2022	0.37
<b>ERmsy</b>	ERmsy-ratio	2019	0.23
<b>TBmgt</b>	-	-	-
<b>SSBmgt</b>	-	-	-
<b>Fmgt</b>	Fmgt-1/yr	2022	0.37
<b>ERmgt</b>	ERmgt-ratio	2019	0.23
<b>TB0</b>	-	-	-
<b>SSB0</b>	-	-	-
<b>MSY</b>	-	-	-
<b>M</b>	-	-	-
<b>TBlim</b>	-	-	-
<b>SSBlim</b>	SSBlim-MT	2022	17,803
<b>Flim</b>	Flim-1/yr	2022	1.47
<b>ERlim</b>	-	-	-

Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
<b>TB</b>	TB-MT	2022	14,448	-	-
<b>SSB</b>	SSB-MT	2022	10,190	-	-
<b>TN</b>	-	-	-	-	-
<b>R</b>	R-E00	2022	2724	-	1
<b>F</b>	F-1/yr	2022	0.58	-	3 to 7
<b>ER</b>	ER-calc-ratio	2022	0.281	-	-
<b>TC</b>	TC-MT	2022	4064		
<b>TL</b>	TL-MT	2022	4064		
<b>TB/TBmsy</b>	-	-	-		
<b>SSB/SSBmsy</b>	-	-	-		
<b>F/Fmsy</b>	F-1/yr/Fmsy-1/yr	2022	1.568		
<b>ER/ERmsy</b>	ER-ratio/ERmsy-ratio	2019	1.857		
<b>TB/TBmgt</b>	-	-	-		
<b>SSB/SSBmgt</b>	-	-	-		
<b>F/Fmgt</b>	F-1/yr/Fmgt-1/yr	2022	1.568		
<b>ER/ERmgt</b>	-	-	-		

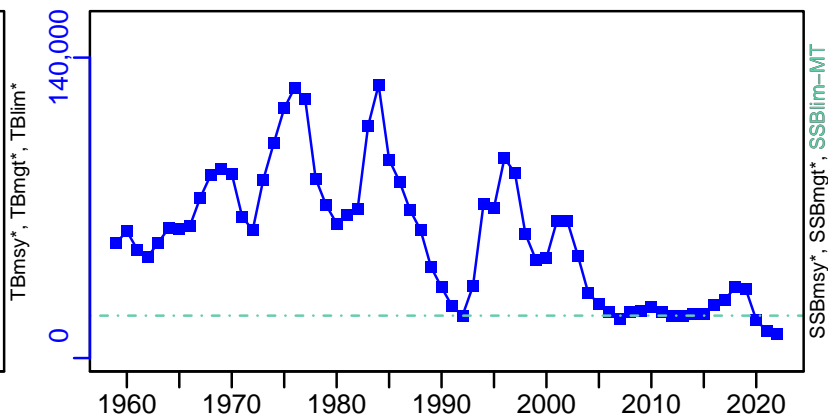


# Atlantic cod Faroe Plateau [CODFAPL]

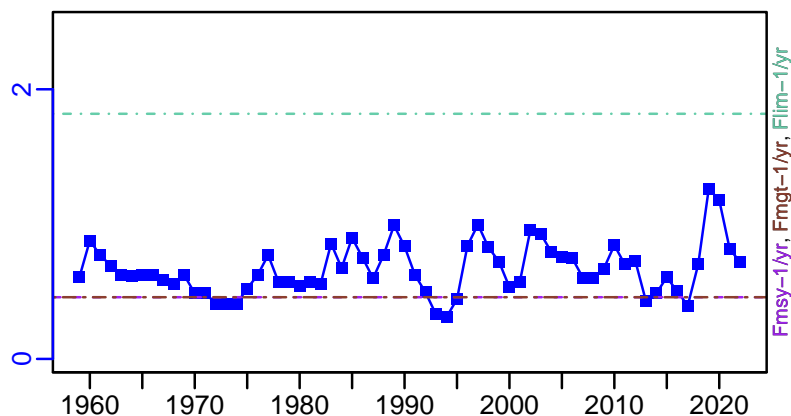
TB-MT (1958–2022–ICESIMP2024)



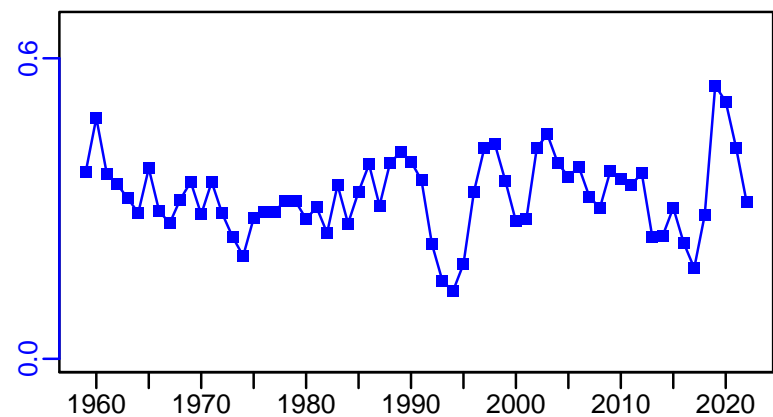
SSB-MT (1958–2022–ICESIMP2024)



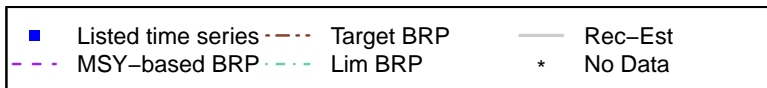
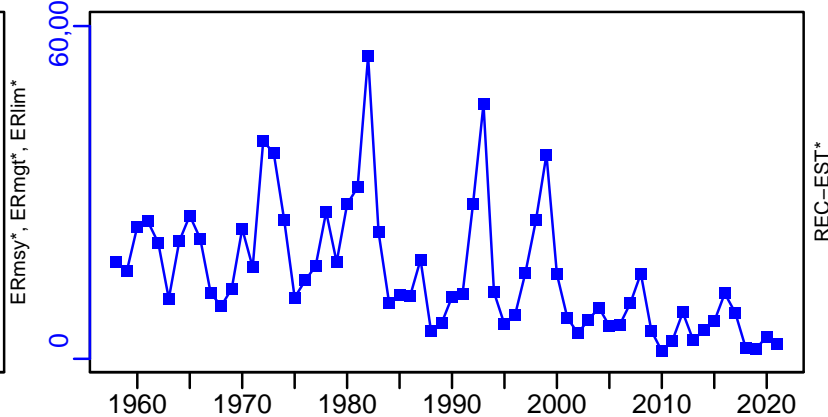
F-1/yr (1958–2022–ICESIMP2024)



ER-calc-ratio (1958–2022–ICESIMP2024)



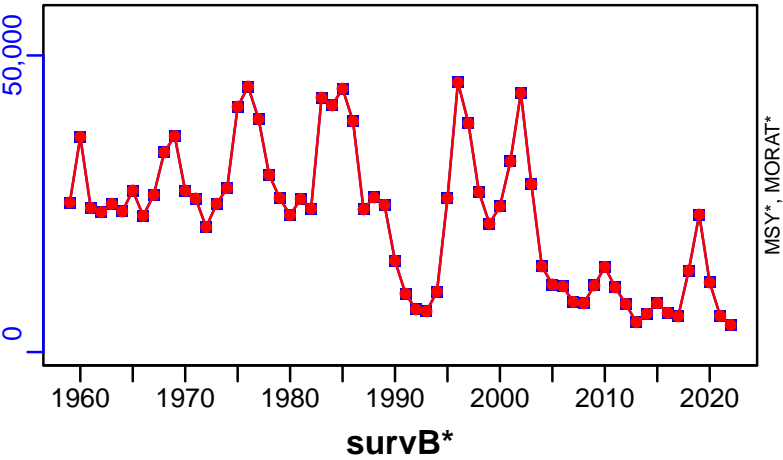
R-E00 (1958–2022–ICESIMP2024)



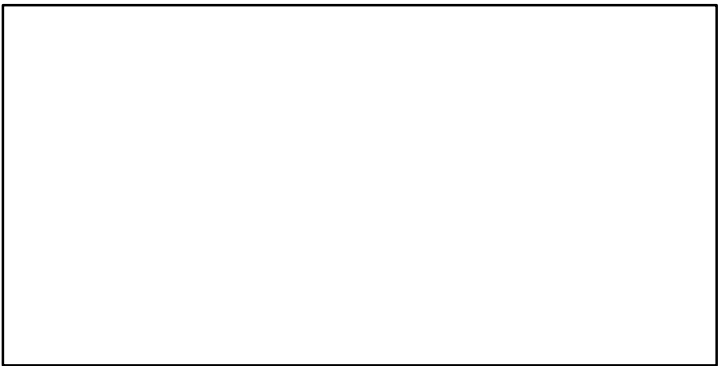


Atlantic cod Faroe Plateau [CODFAPL]

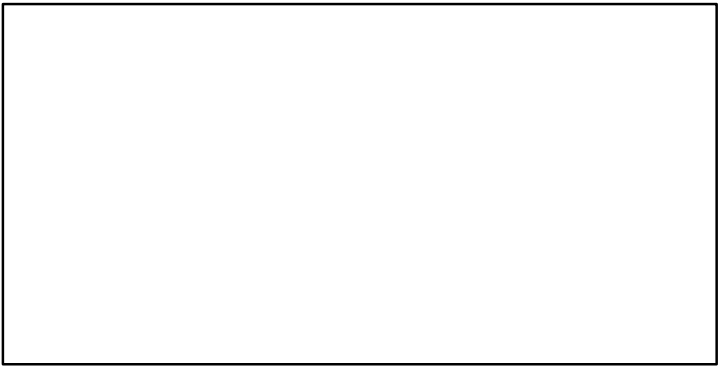
TC-MT, TL-MT, RecC\* (1958-2022-ICESIMP2024)



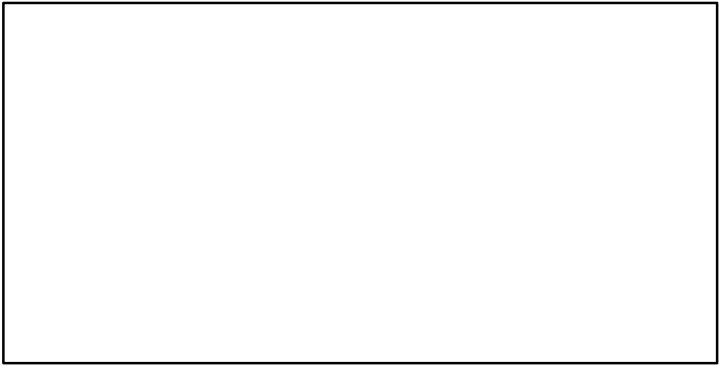
TAC\*, Cpair\*, Cadv\*



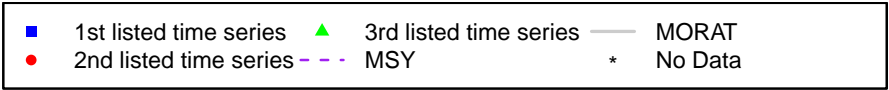
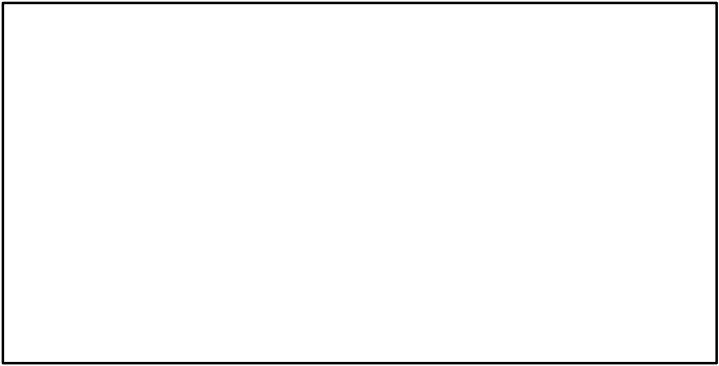
CPUE\*



EFFORT\*



CdivMSY\*



## Atlantic cod Iceland Grounds [CODICE]

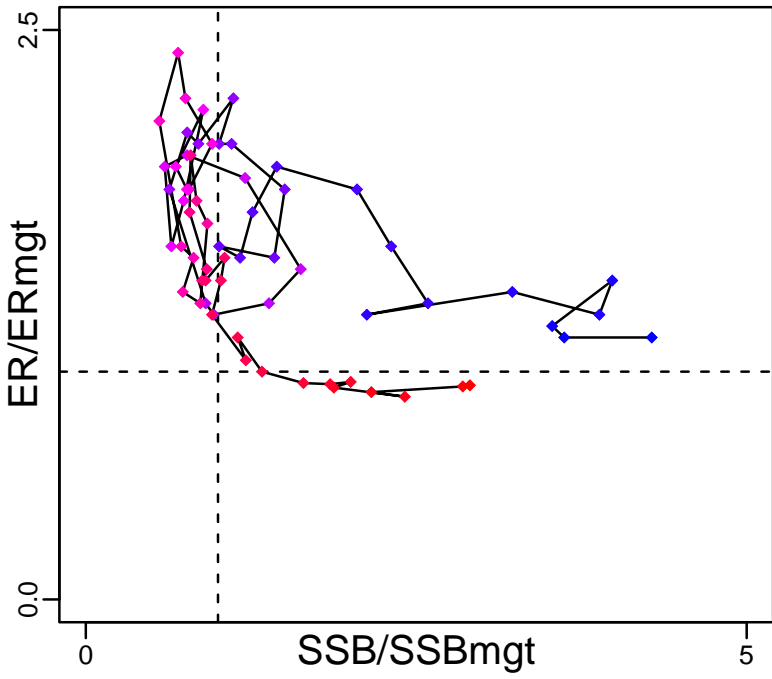
Metadata	
<b>Scientific Name</b>	Gadus morhua
<b>Current Assess ID</b>	NWWG-CODICE-1955-2023-ICESIMP2021-2
<b>Area</b>	Iceland Grounds
<b>Management Authority</b>	International Council for the Exploration of the Sea
<b>Assessor</b>	North-Western Working Group
<b>Asmts in RAM</b>	2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2023

Reference Points			
Type	ID	Asmt Year	Value
<b>TBmsy</b>	-	-	-
<b>SSBmsy</b>	-	-	-
<b>Fmsy</b>	-	-	-
<b>ERmsy</b>	ERmsy-ratio	2018	0.2
<b>TBmgt</b>	-	-	-
<b>SSBmgt</b>	SSBmgt-MT	2019	220,000
<b>Fmgt</b>	-	-	-
<b>ERmgt</b>	ERmgt-ratio	2019	0.2
<b>TB0</b>	-	-	-
<b>SSB0</b>	-	-	-
<b>MSY</b>	-	-	-
<b>M</b>	-	-	-
<b>TBlim</b>	-	-	-
<b>SSBlim</b>	SSBlim-MT	2023	125,000
<b>Flim</b>	Flim-1/yr	2018	0.74
<b>ERlim</b>	-	-	-

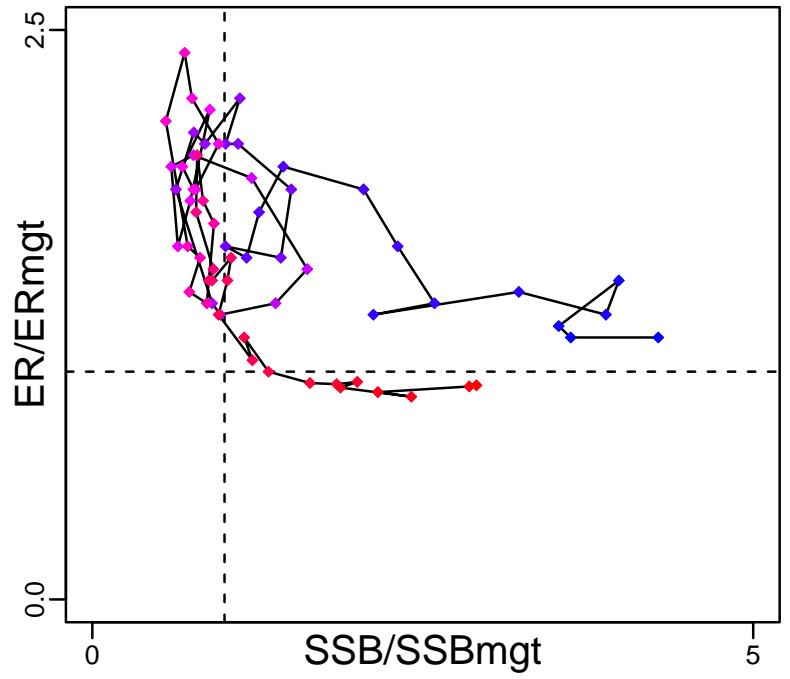
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
<b>TB</b>	TB-MT	2014	1,160,000	Both	-
<b>SSB</b>	SSB-MT	2023	361,000	-	-
<b>TN</b>	-	-	-	-	-
<b>R</b>	R-E00	2023	163,000	-	3
<b>F</b>	F-1/yr	2019	0.27	-	5 to 10
<b>ER</b>	ER-ratio	2023	0.259	-	-
<b>TC</b>	TC-MT	2023	270,000		
<b>TL</b>	TL-MT	2023	270,000		
<b>TB/TBmsy</b>	-	-	-		
<b>SSB/SSBmsy</b>	-	-	-		
<b>F/Fmsy</b>	-	-	-		
<b>ER/ERmsy</b>	ER-ratio/ERmsy-ratio	2018	0.91		
<b>TB/TBmgt</b>	-	-	-		
<b>SSB/SSBmgt</b>	SSB-MT/SSBmgt-MT	2019	2.805		
<b>F/Fmgt</b>	-	-	-		
<b>ER/ERmgt</b>	-	-	-		

# Atlantic cod Iceland Grounds [CODICE]

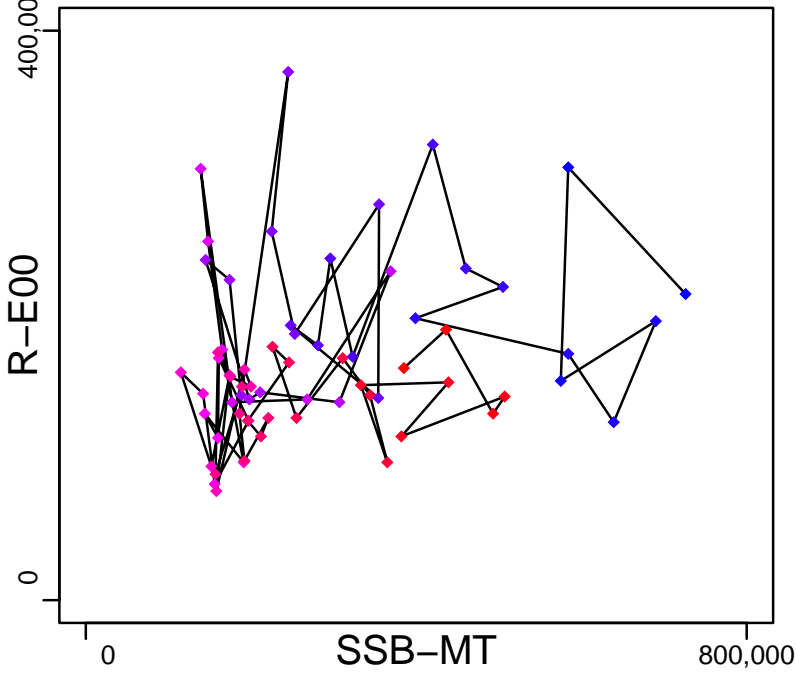
Kobe MSYpref (1952–2019–ICESIMP2021)



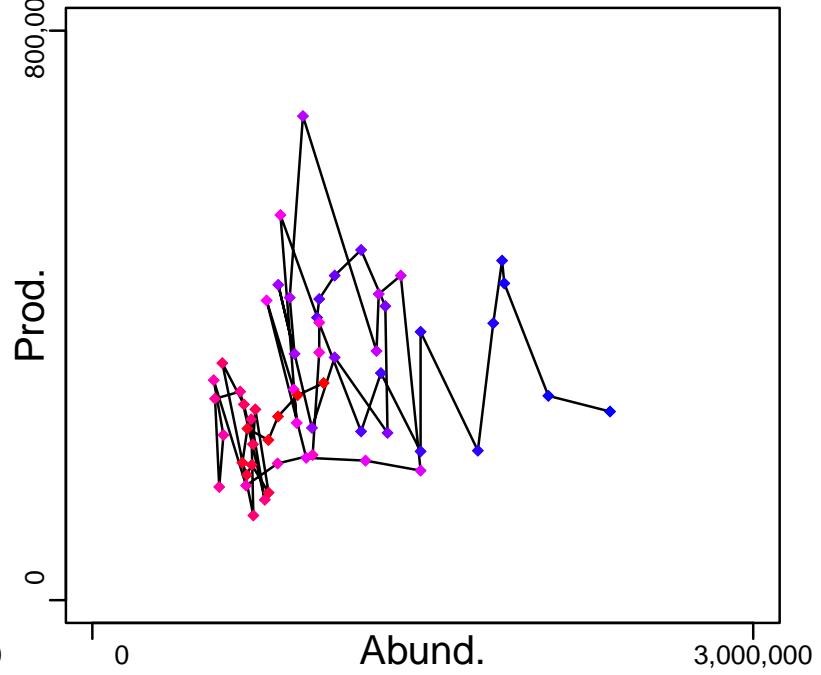
Kobe MGTpref (1952–2019–ICESIMP2021)



Spawner Recruit (1955–2023–ICESIMP2021–2)



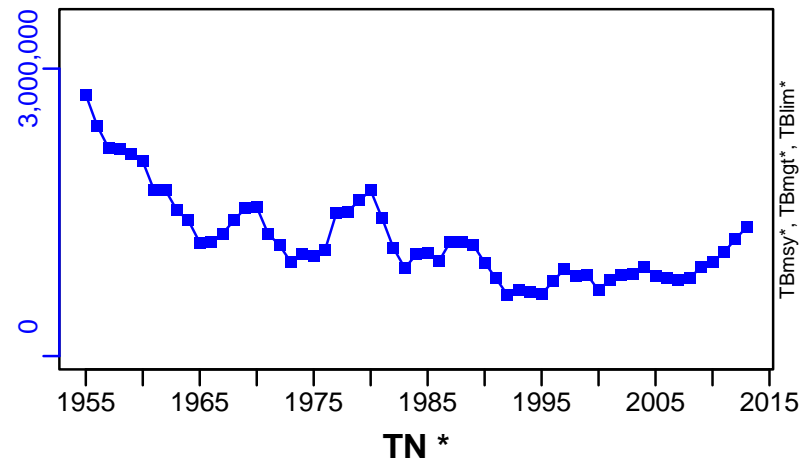
Production (1952–2014–ICESIMP2016)



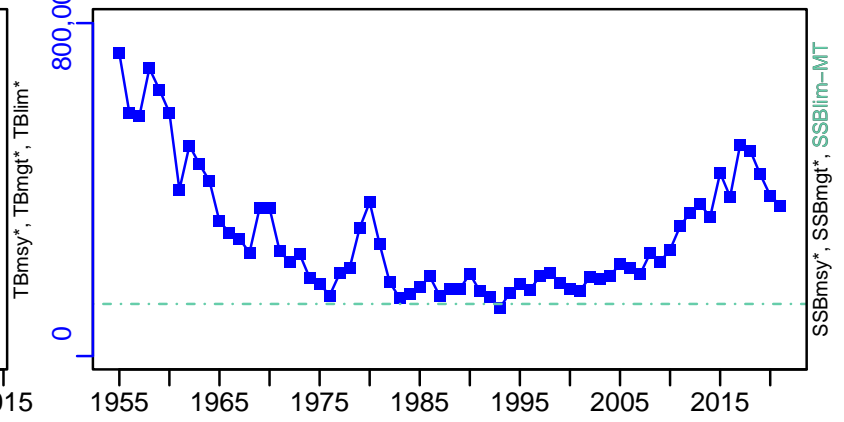
◆ Start Year ◆ End Year \* No Data

# Atlantic cod Iceland Grounds [CODICE]

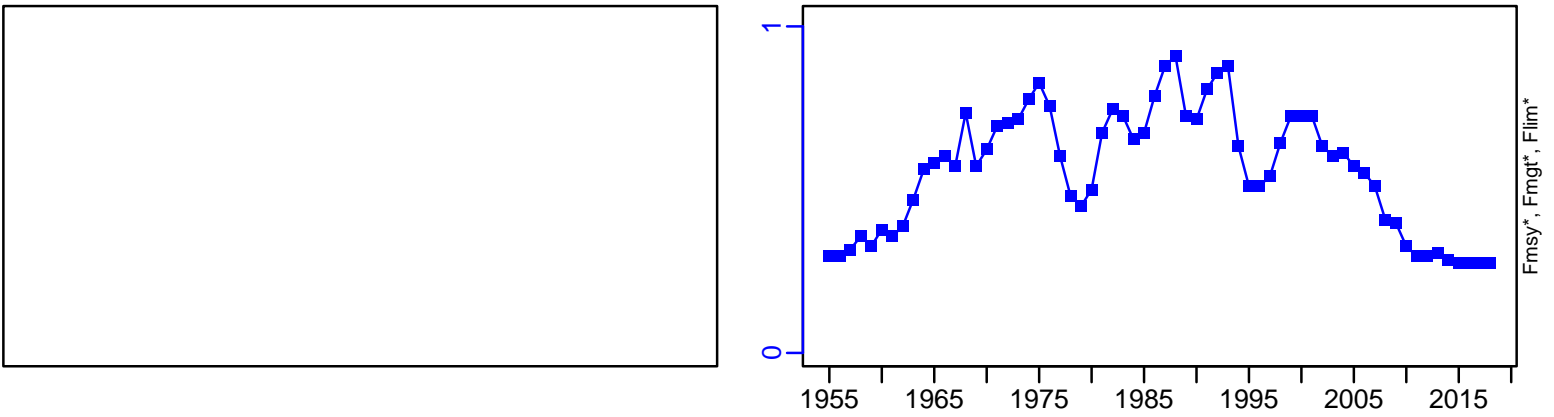
TB-MT (1952–2014–ICESIMP2016)



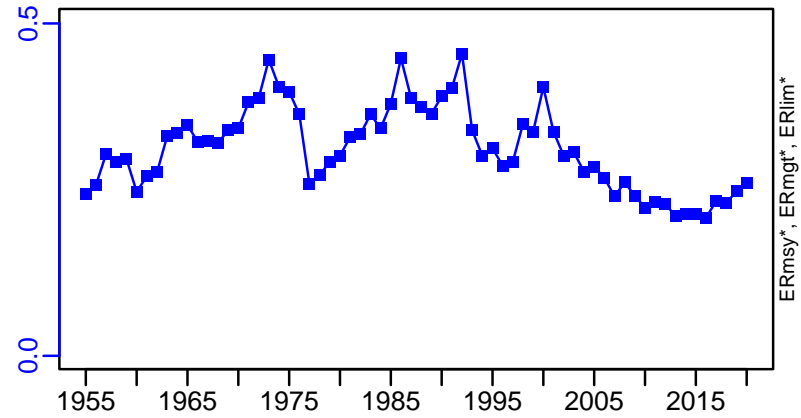
SSB-MT (1955–2023–ICESIMP2021–2)



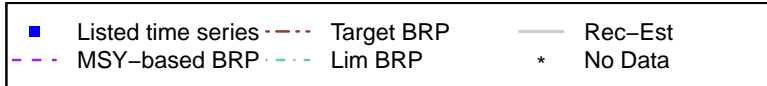
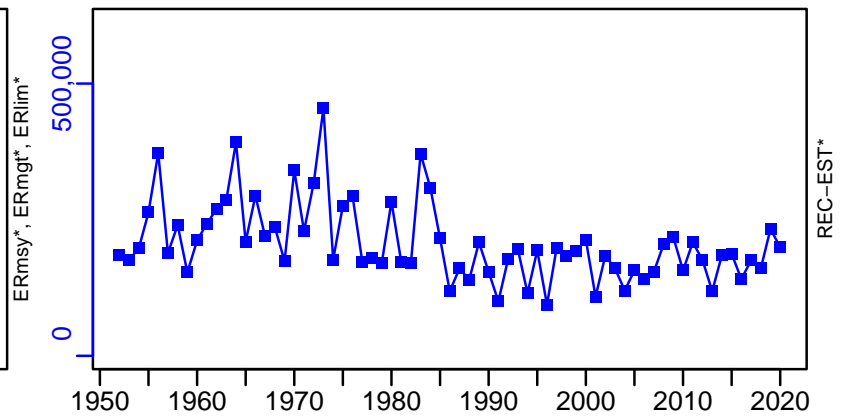
F-1/yr (1952–2019–ICESIMP2021)



ER-ratio (1955–2023–ICESIMP2021–2)



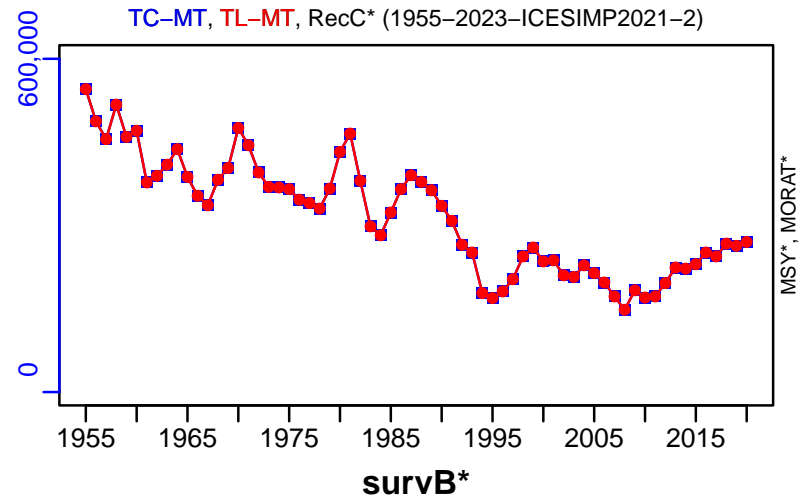
R-E00 (1955–2023–ICESIMP2021–2)



# Atlantic cod Iceland Grounds [CODICE]

TC-MT, TL-MT, RecC\* (1955–2023–ICESIMP2021–2)

TAC\*, Cpair\*, Cadv\*



MSY\*, MORAT\*

CPUE\*

EFFORT\*

CdivMSY\*

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

## Atlantic cod North-East Arctic [CODNEAR]

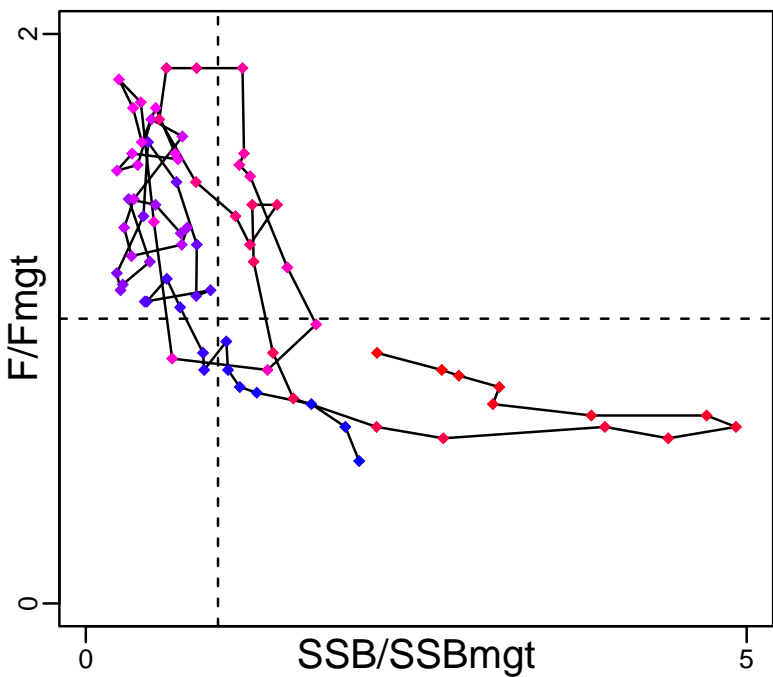
Metadata	
<b>Scientific Name</b>	Gadus morhua
<b>Current Assess ID</b>	AFWG-CODNEAR-1943-2021-ICESIMP2024
<b>Area</b>	North-East Arctic
<b>Management Authority</b>	International Council for the Exploration of the Sea
<b>Assessor</b>	Arctic Fisheries Working Group
<b>Asmts in RAM</b>	2013, 2014, 2015, 2016, 2017, 2018, 2019, 2021, 2011, 2020

Reference Points			
Type	ID	Asmt Year	Value
<b>TBmsy</b>	-	-	-
<b>SSBmsy</b>	-	-	-
<b>Fmsy</b>	Fmsy-1/yr	2018	0.4
<b>ERmsy</b>	-	-	-
<b>TBmgt</b>	-	-	-
<b>SSBmgt</b>	SSBmgt-MT	2021	460,000
<b>Fmgt</b>	Fmgt-1/yr	2021	0.5
<b>ERmgt</b>	ERmgt-ratio	2020	0.4
<b>TB0</b>	-	-	-
<b>SSB0</b>	-	-	-
<b>MSY</b>	-	-	-
<b>M</b>	-	-	-
<b>TBlim</b>	-	-	-
<b>SSBlim</b>	SSBlim-MT	2021	220,000
<b>Flim</b>	Flim-1/yr	2021	0.74
<b>ERlim</b>	ERlim-ratio	2020	0.74

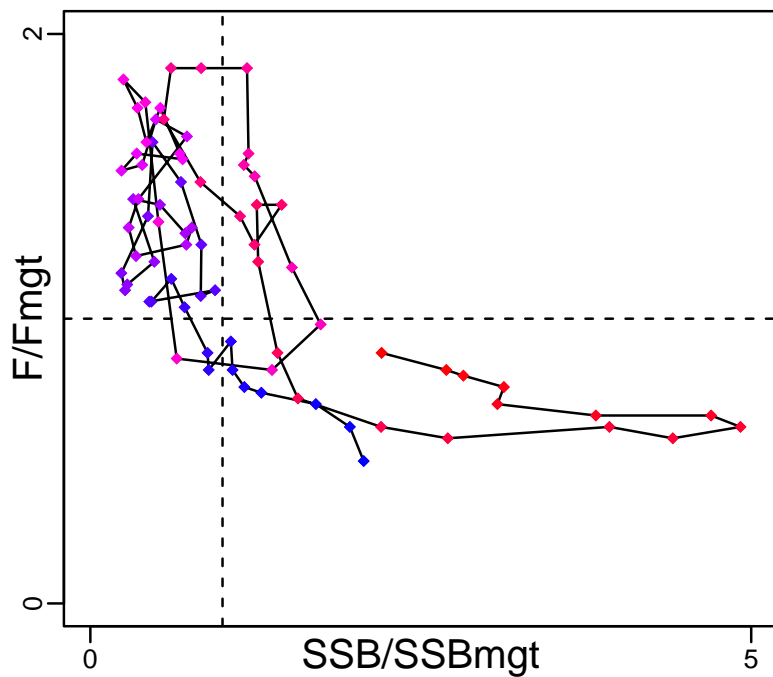
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
<b>TB</b>	TB-MT	2019	2,612,690	-	-
<b>SSB</b>	SSB-MT	2021	902,035	-	-
<b>TN</b>	-	-	-	-	-
<b>R</b>	R-E00	2021	557,000	-	3
<b>F</b>	F-1/yr	2021	0.44	-	5 to 10
<b>ER</b>	ER-ratio	2020	0.338	-	-
<b>TC</b>	TC-MT	2021	692,903		
<b>TL</b>	TL-MT	2021	692,903		
<b>TB/TBmsy</b>	-	-	-		
<b>SSB/SSBmsy</b>	-	-	-		
<b>F/Fmsy</b>	F-1/yr/Fmsy-1/yr	2018	1.002		
<b>ER/ERmsy</b>	-	-	-		
<b>TB/TBmgt</b>	-	-	-		
<b>SSB/SSBmgt</b>	SSB-MT/SSBmgt-MT	2021	1.961		
<b>F/Fmgt</b>	F-1/yr/Fmgt-1/yr	2021	0.88		
<b>ER/ERmgt</b>	-	-	-		

# Atlantic cod North-East Arctic [CODNEAR]

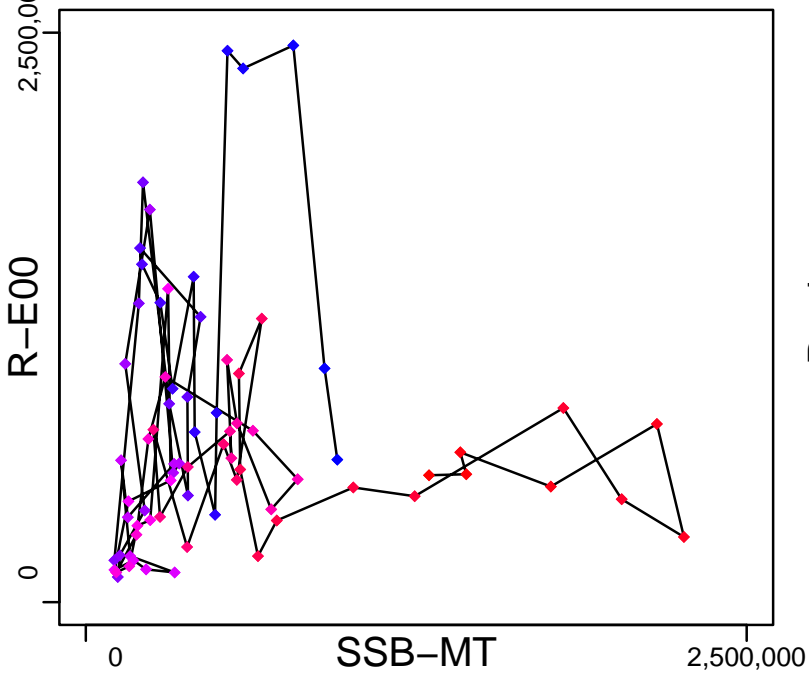
Kobe MSYpref (1943–2021–ICESIMP2024)



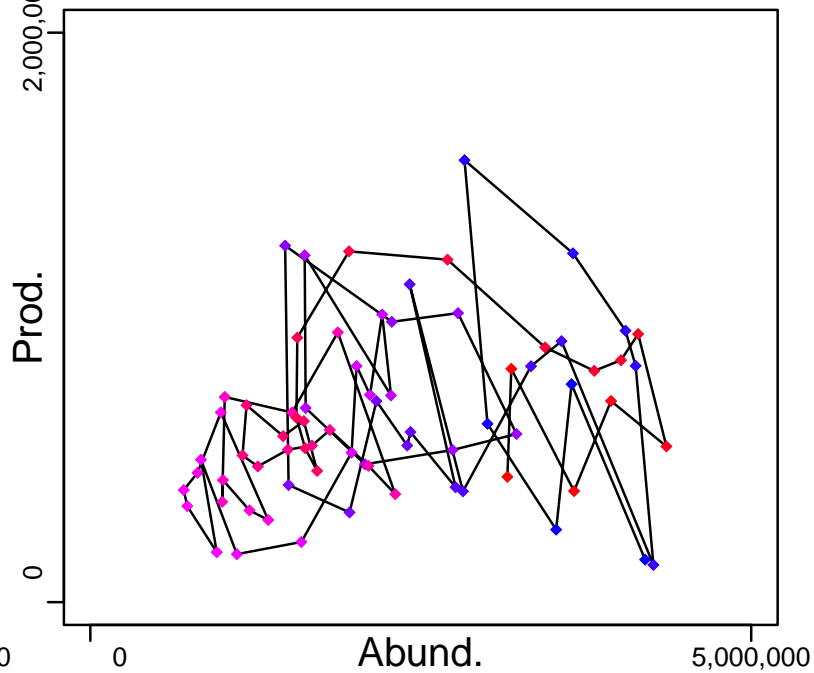
Kobe MGTpref (1943–2021–ICESIMP2024)



Spawner Recruit (1943–2021–ICESIMP2024)

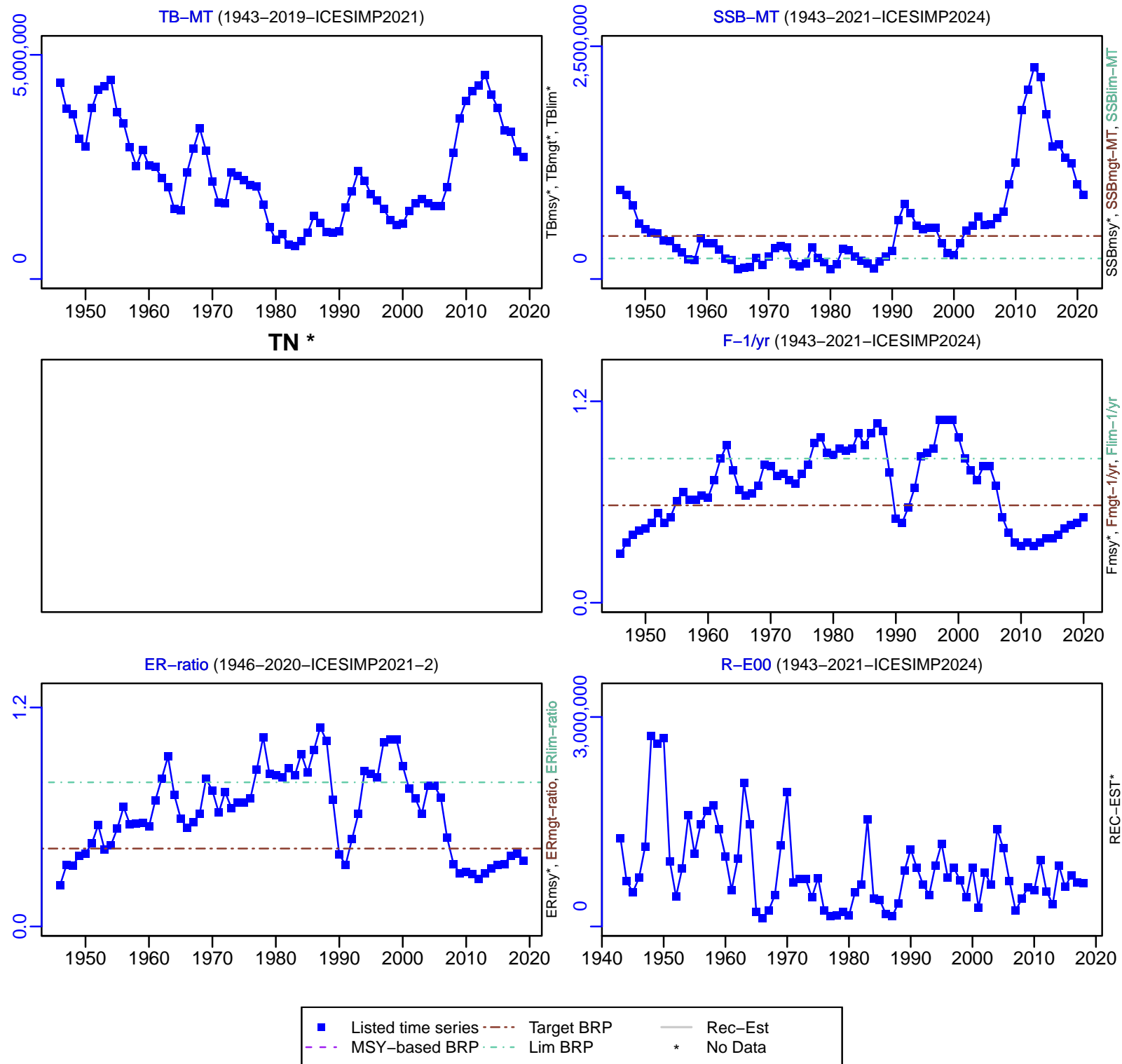


Production (1943–2019–ICESIMP2021)



◆ Start Year ◆ End Year \* No Data

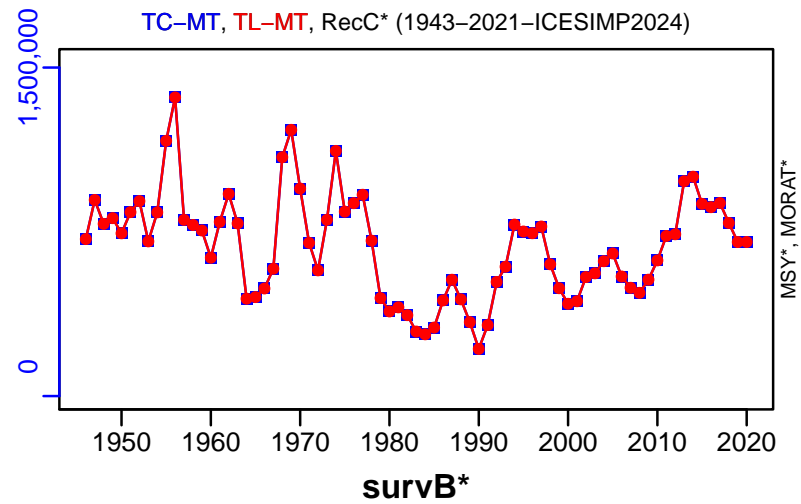
# Atlantic cod North-East Arctic [CODNEAR]



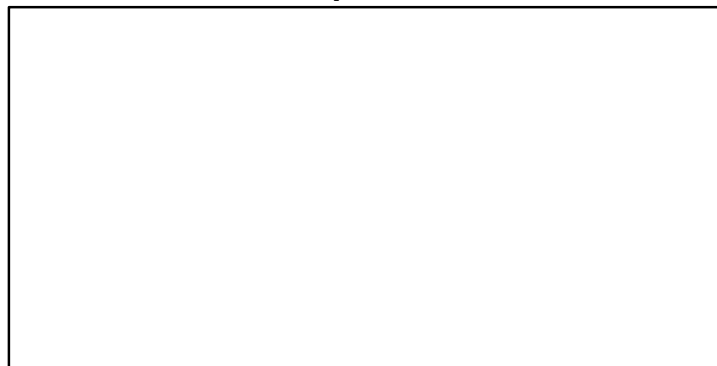


# Atlantic cod North-East Arctic [CODNEAR]

TC-MT, TL-MT, RecC\* (1943-2021-ICESIMP2024)



TAC\*, Cpair\*, Cadv\*



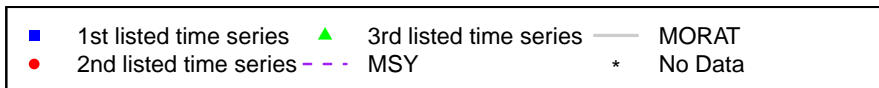
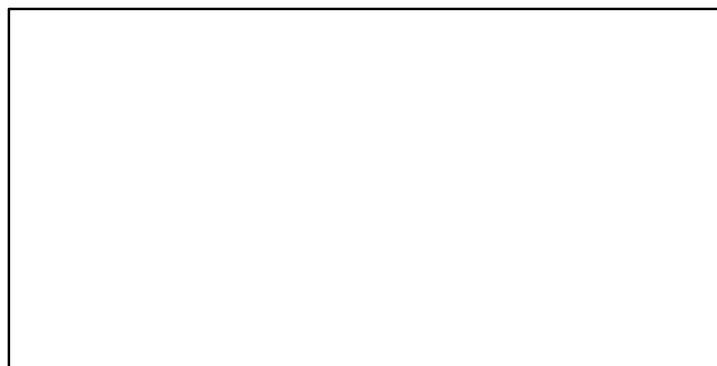
CPUE\*



EFFORT\*



CdivMSY\*



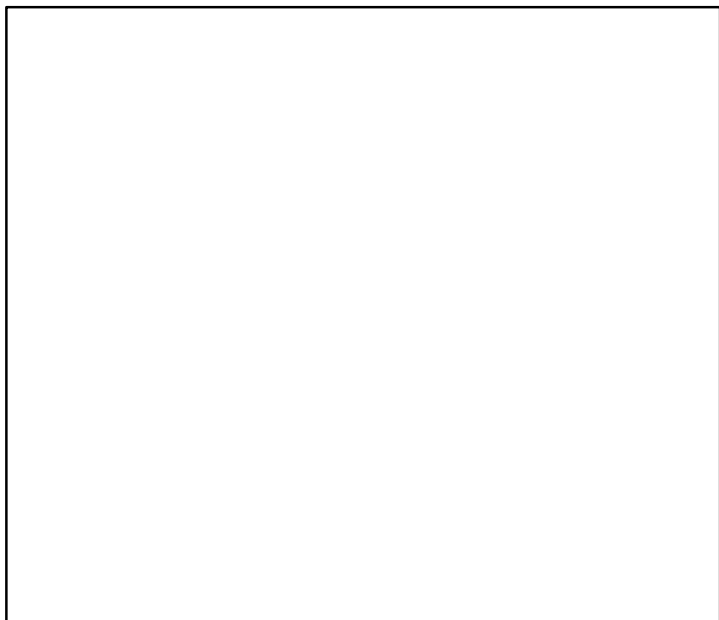
## Atlantic cod North-East Arctic (Norwegian coastal waters) [CODNEARNCW]

Metadata	
<b>Scientific Name</b>	Gadus morhua
<b>Current Assess ID</b>	AFWG-CODNEARNCW-1984-2019-ICESIMP2021-2
<b>Area</b>	North-East Arctic (Norwegian coastal waters)
<b>Management Authority</b>	International Council for the Exploration of the Sea
<b>Assessor</b>	Arctic Fisheries Working Group
<b>Asmts in RAM</b>	2016, 2018, 2016, 2017, 2019

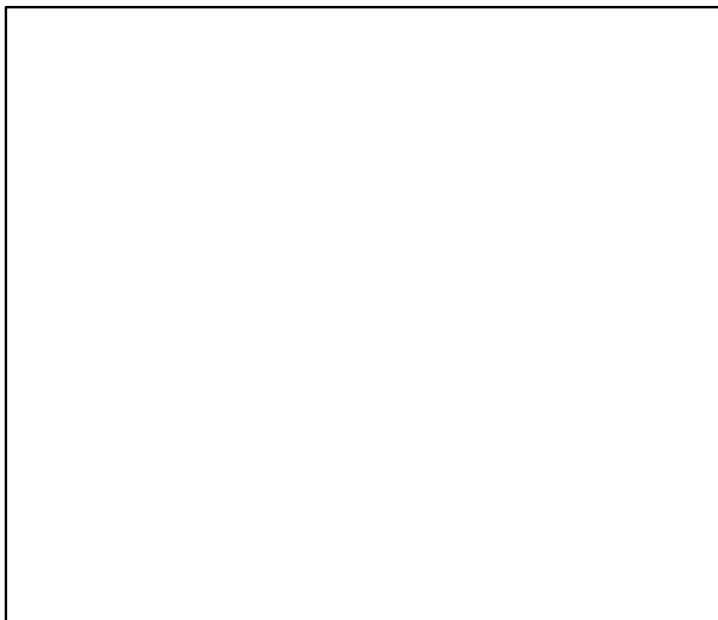
Reference Points			
Type	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	-	-	-
Fmsy	-	-	-
ERmsy	-	-	-
TBmgt	-	-	-
SSBmgt	SSBmgt-MT	2016	60,000
Fmgt	Fmgt-1/yr	2016	0.1
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	-	-	-
M	-	-	-
TBlim	-	-	-
SSBlim	-	-	-
Flim	-	-	-
ERlim	-	-	-

Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	-	-	-	-	-
SSB	-	-	-	-	-
TN	-	-	-	-	-
R	R-E00	2019	22,600,000	-	2
F	F-1/yr	2019	0.2	-	-
ER	-	-	-	-	-
TC	TC-MT	2017	52,900		
TL	TL-MT	2019	40,100		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	F-1/yr/Fmgt-1/yr	2016	3.31		
ER/ERmgt	-	-	-		

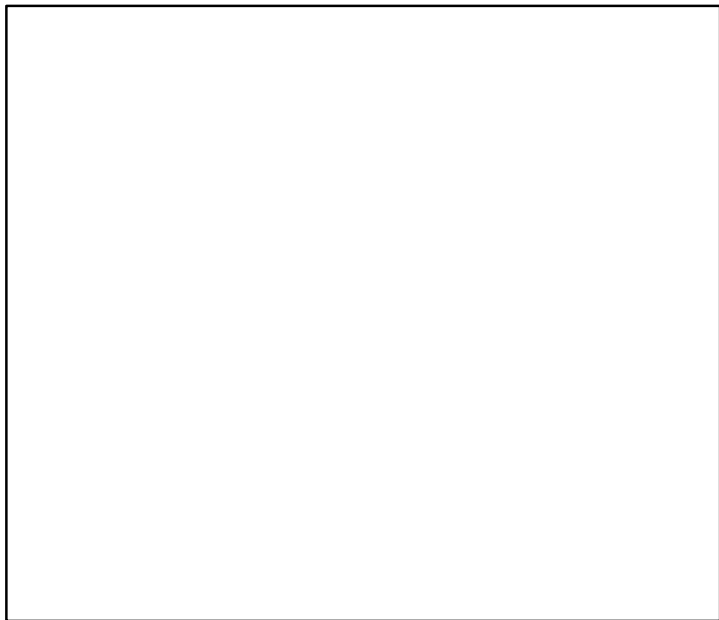
**Kobe MSY\***



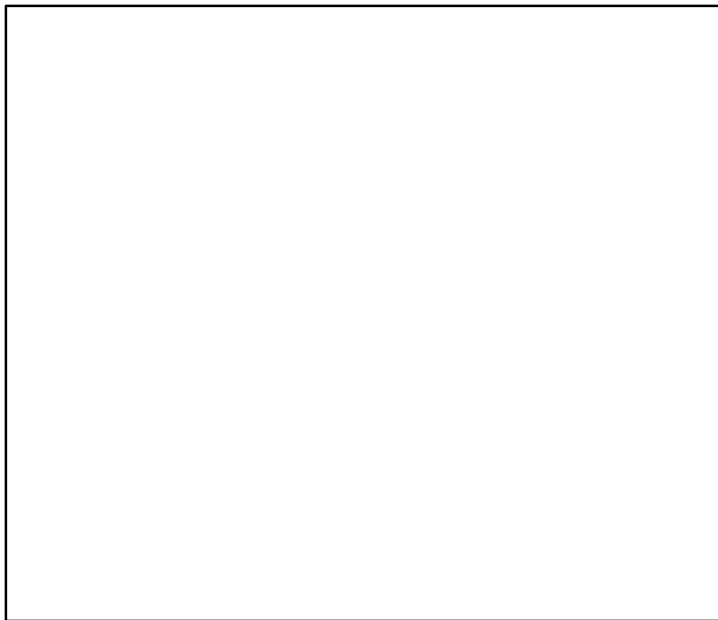
**Kobe MGT\***



**Spawner Recruit\***



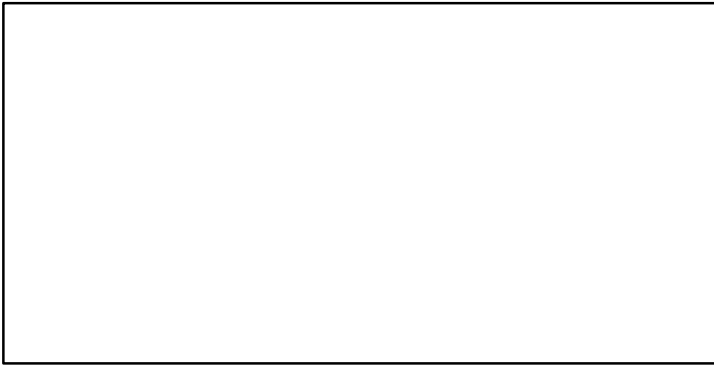
**Production\***



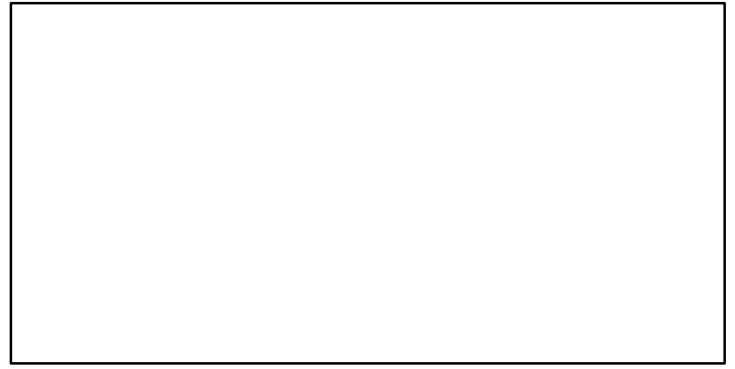
◆ Start Year ◆ End Year \* No Data

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

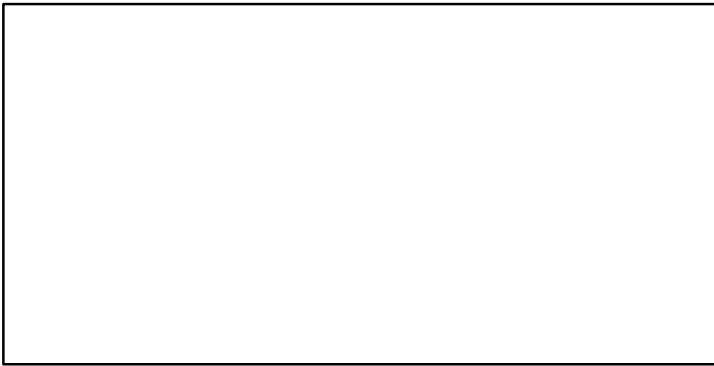
TB\*



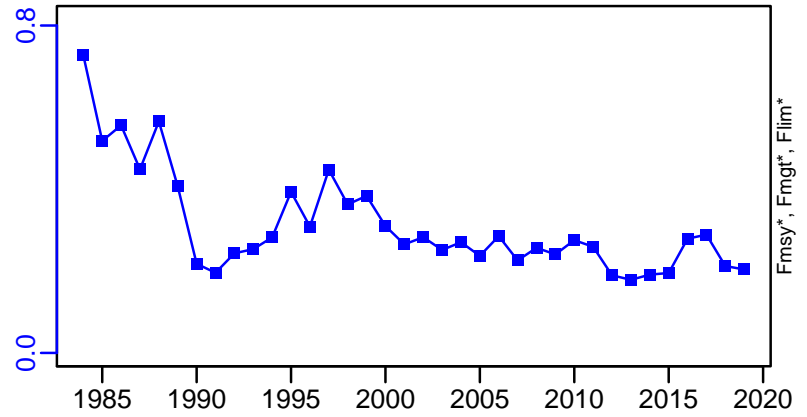
SSB\*



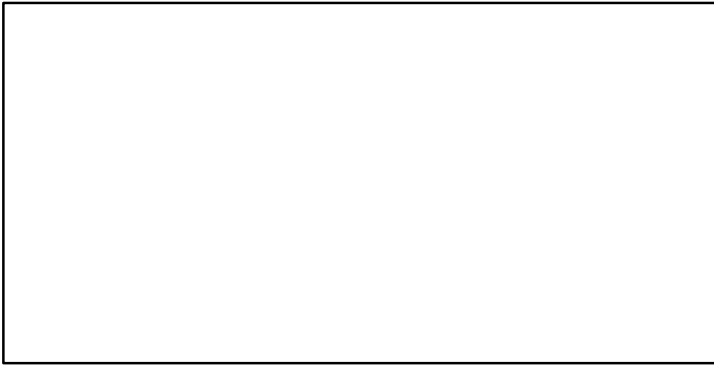
TN \*



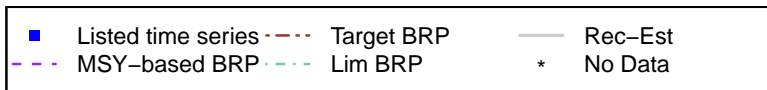
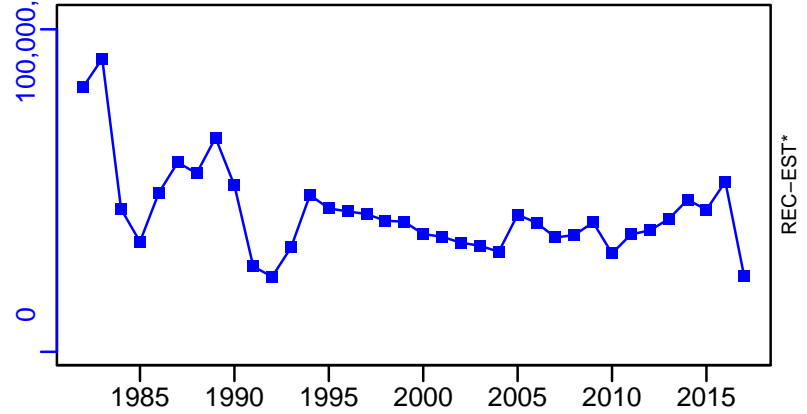
F-1/yr (1984-2019-ICESIMP2021-2)



ER\*

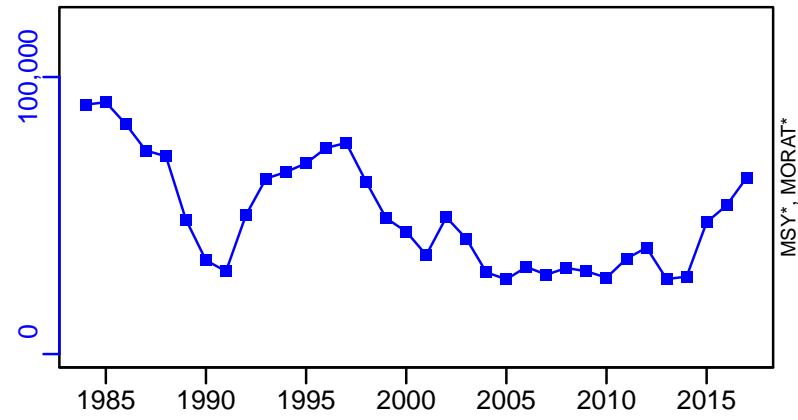


R-E00 (1984-2019-ICESIMP2021-2)

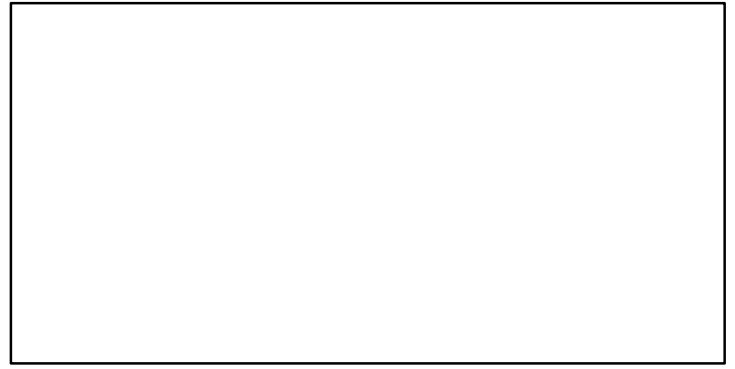


# Atlantic cod North-East Arctic (Norwegian coastal waters) [CODNEARNCW]

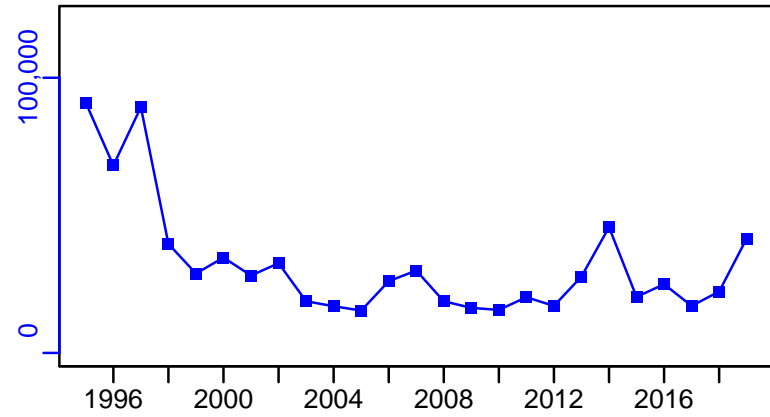
TC-MT, TL\*, RecC\* (1984–2017–ICESIMP2018)



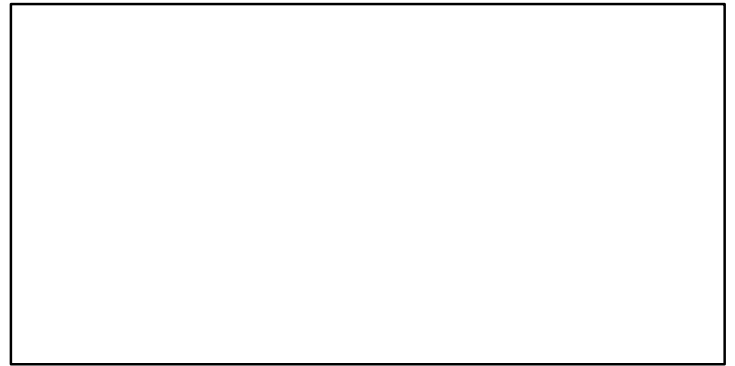
TAC\*, Cpair\*, Cadv\*



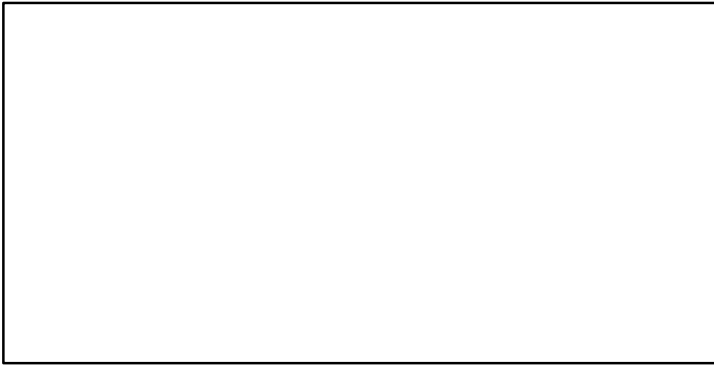
survB-MT (1984–2019–ICESIMP2021–2)



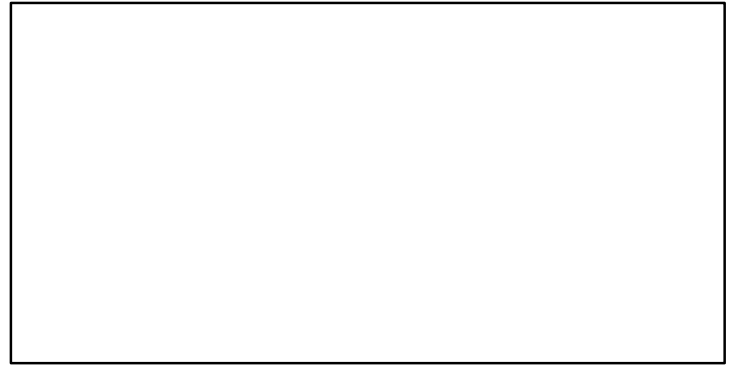
CPUE\*



EFFORT\*



CdivMSY\*



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

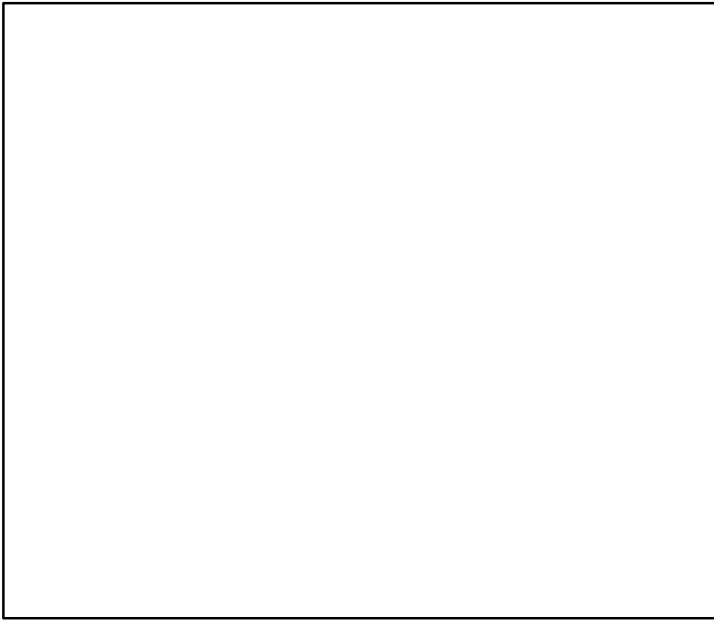
## Tusk North-East Arctic [CUSKI-II]

Metadata	
<b>Scientific Name</b>	Brosme brosme
<b>Current Assess ID</b>	WGDEEP-CUSKI-II-1988-2020-ICESIMP2021-2
<b>Area</b>	North-East Arctic
<b>Management Authority</b>	International Council for the Exploration of the Sea
<b>Assessor</b>	Working Group on the Biology and Assessment of Deep-Sea Fisheries Resources
<b>Asmts in RAM</b>	2014, 2016, 2018, 2020

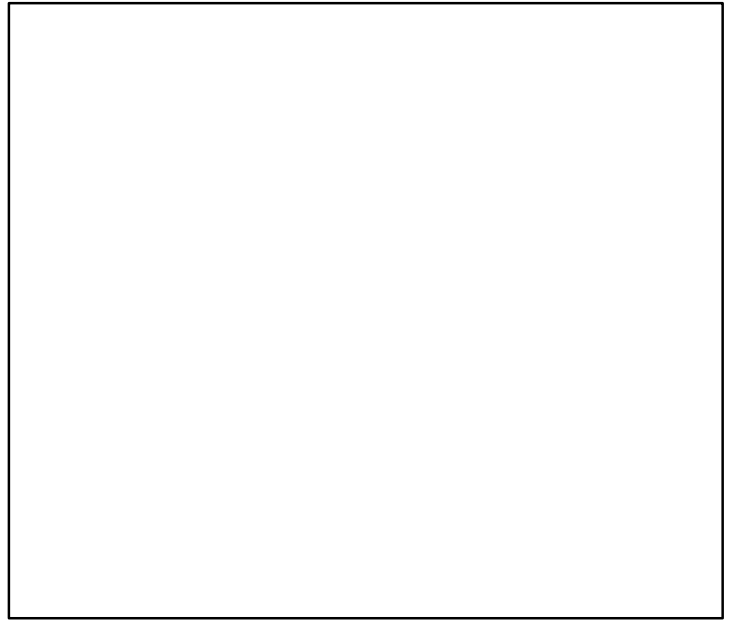
Reference Points			
Type	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	-	-	-
Fmsy	-	-	-
ERmsy	-	-	-
TBmgt	-	-	-
SSBmgt	-	-	-
Fmgt	-	-	-
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	-	-	-
M	-	-	-
TBlim	-	-	-
SSBlim	-	-	-
Flim	-	-	-
ERlim	-	-	-

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	2020	9120		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

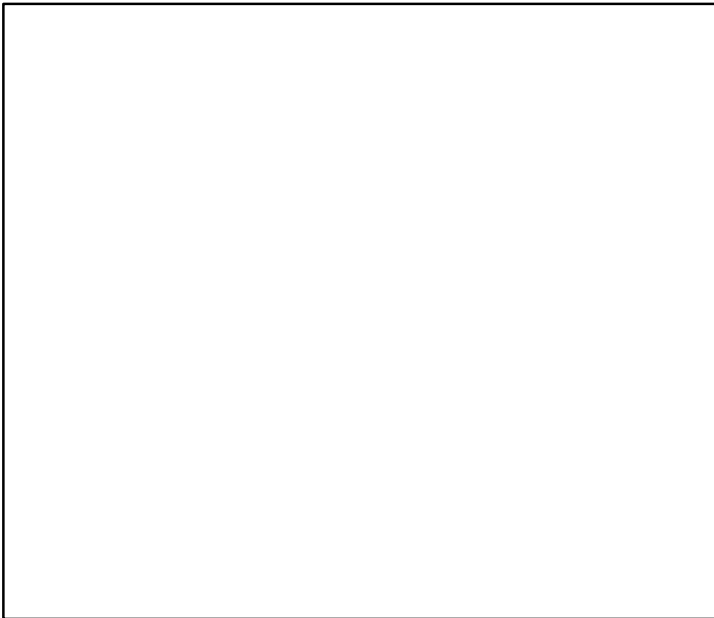
**Kobe MSY\***



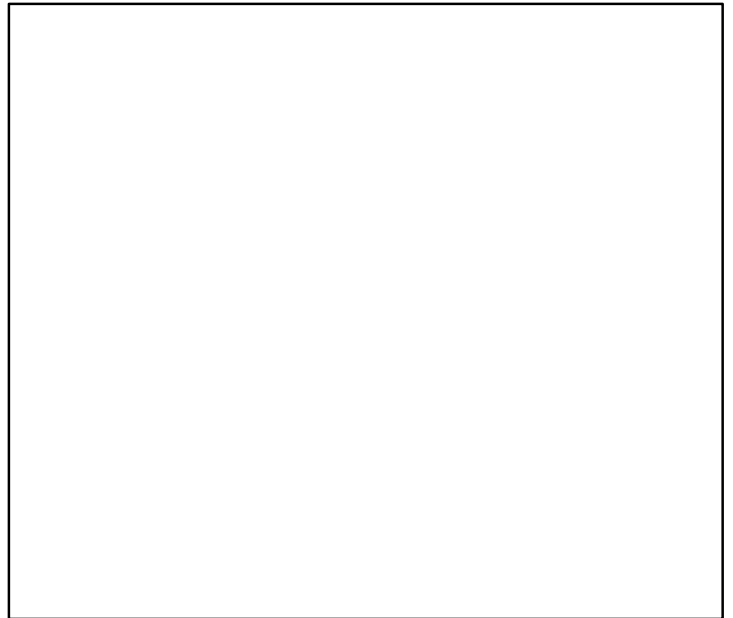
**Kobe MGT\***



**Spawner Recruit\***



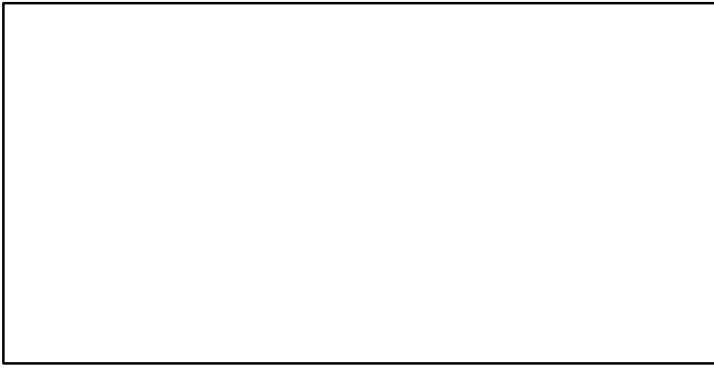
**Production\***



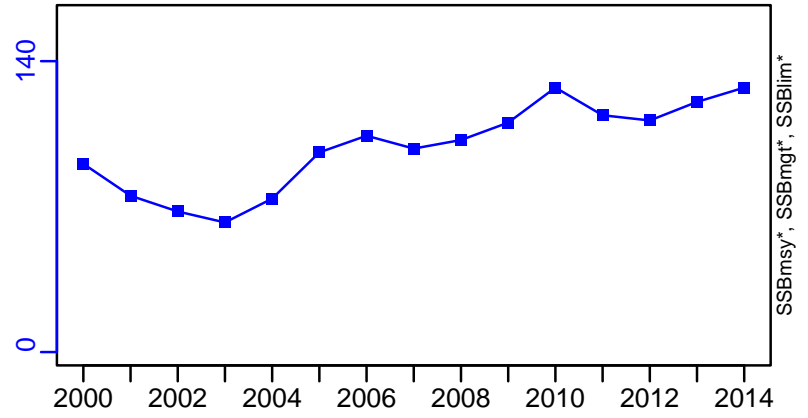
◆ Start Year ◆ End Year \* No Data

# Tusk North–East Arctic [CUSKI–II]

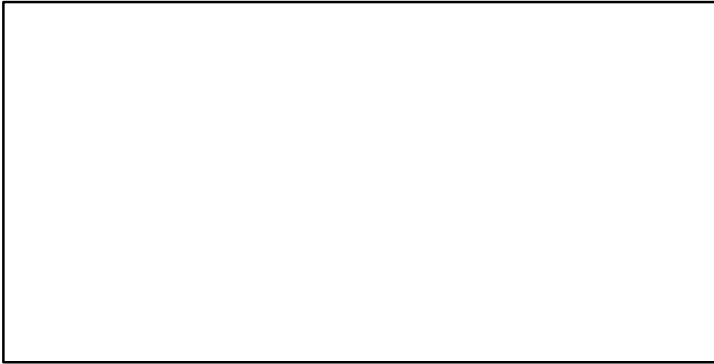
TB\*



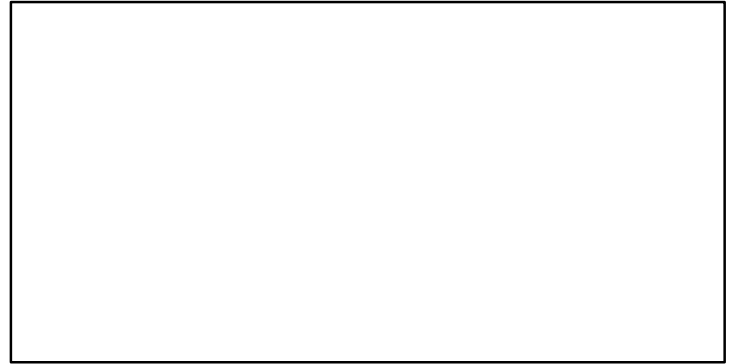
SSB–index (1988–2014–ICESIMP2018)



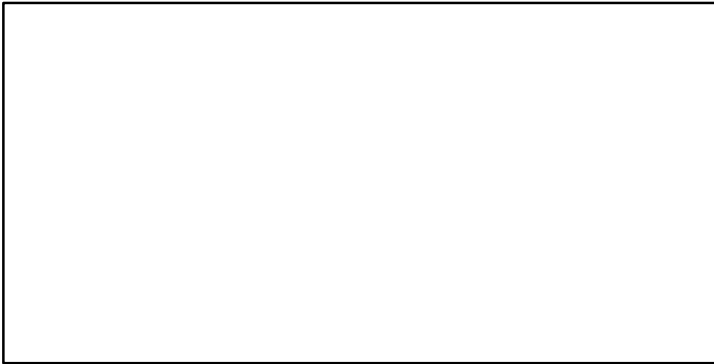
TN \*



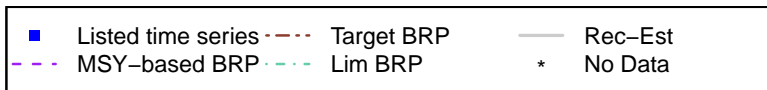
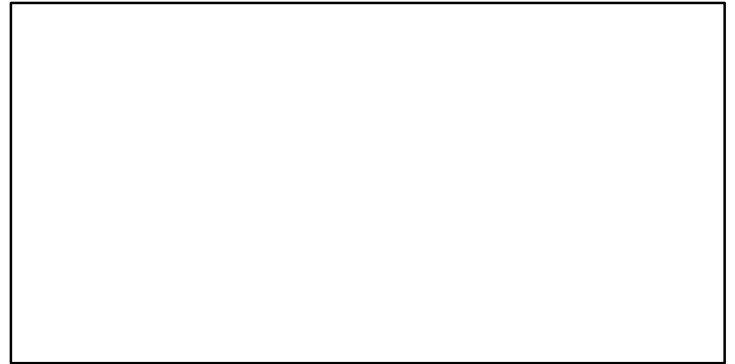
F\*



ER\*



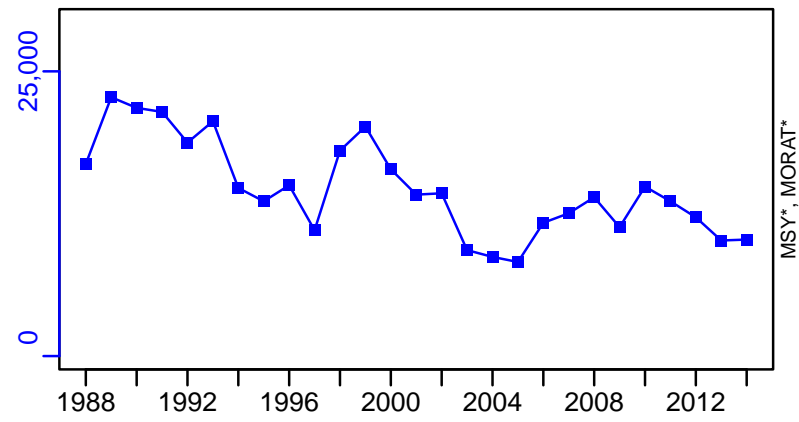
Recruits\*



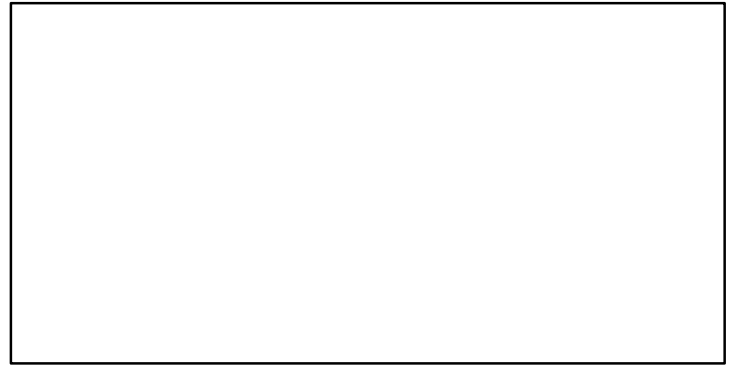


# Tusk North-East Arctic [CUSKI-II]

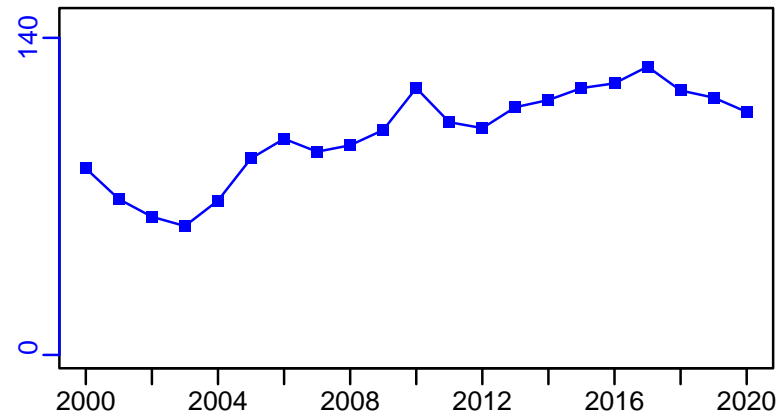
TC-MT, TL\*, RecC\* (1988–2014–ICESIMP2018)



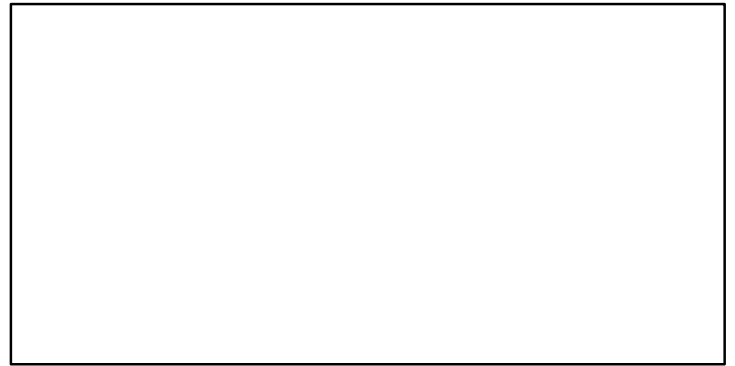
TAC\*, Cpair\*, Cadv\*



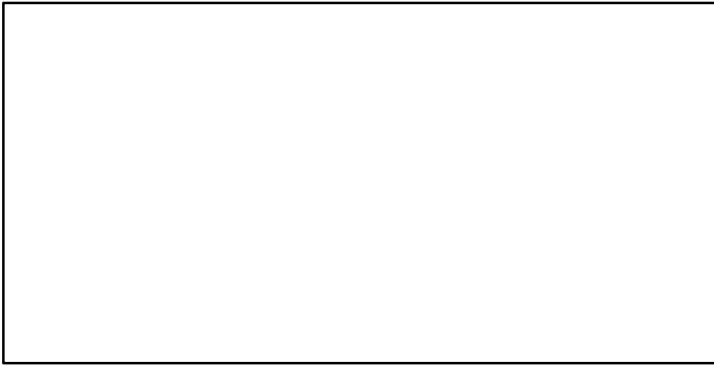
survB-index (1988–2020–ICESIMP2021–2)



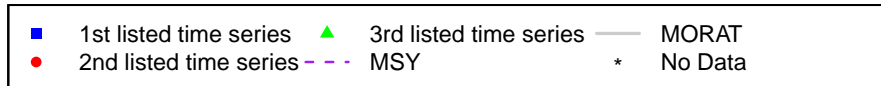
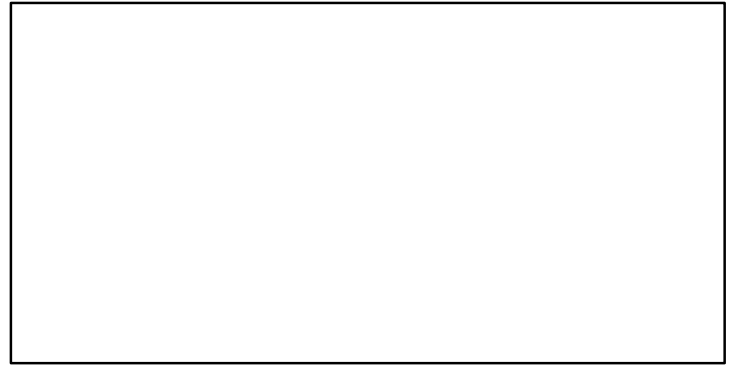
CPUE\*



EFFORT\*



CdivMSY\*

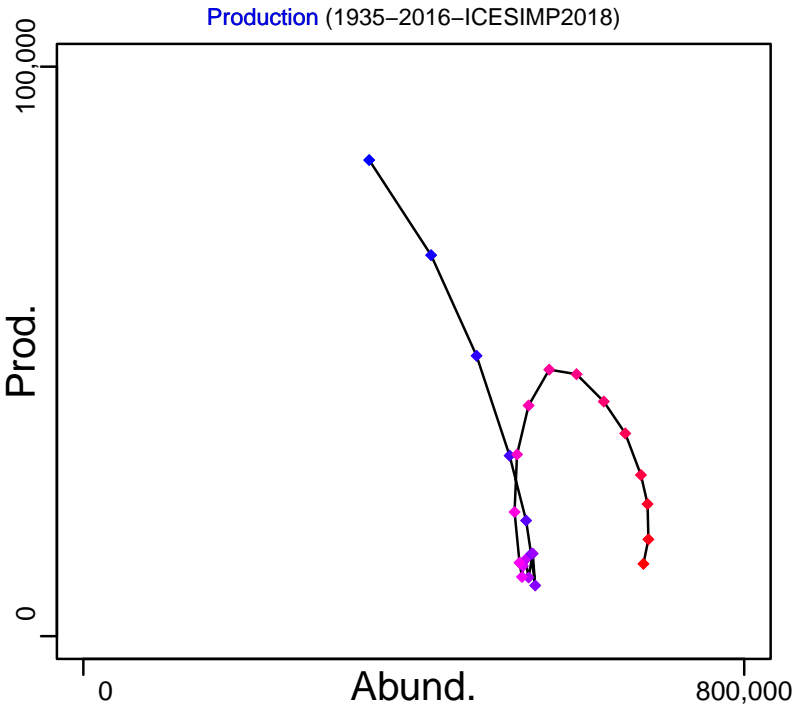
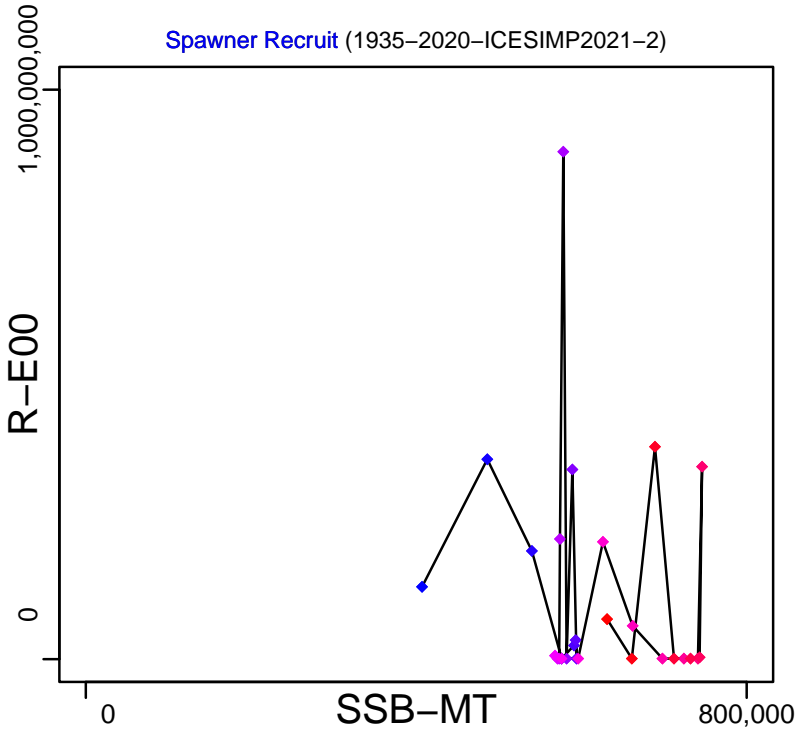
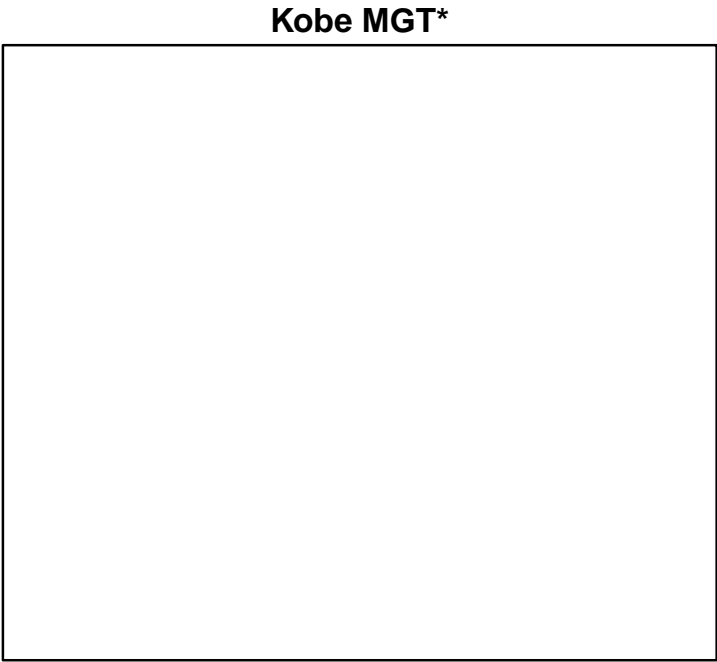
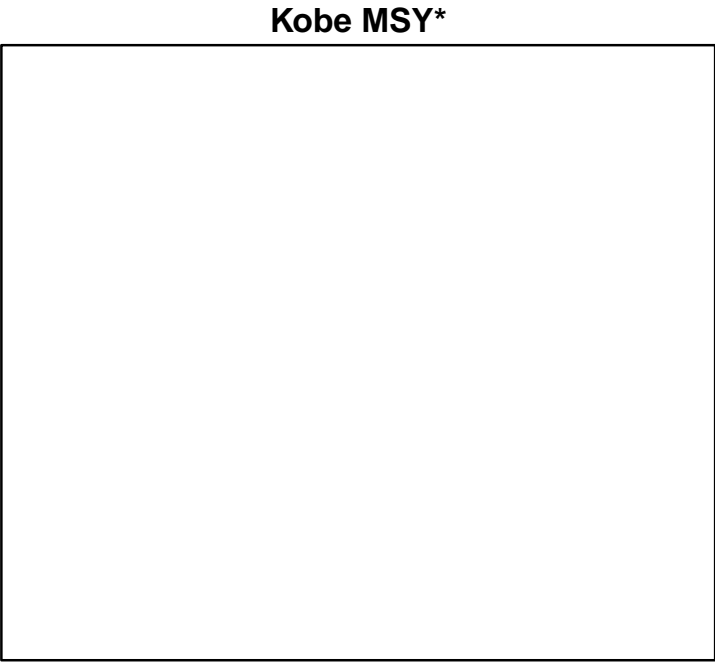


## Greenland halibut North-East Arctic [GHALNEAR]

Metadata	
<b>Scientific Name</b>	Reinhardtius hippoglossoides
<b>Current Assess ID</b>	AFWG-GHALNEAR-1935-2020-ICESIMP2021-2
<b>Area</b>	North-East Arctic
<b>Management Authority</b>	International Council for the Exploration of the Sea
<b>Assessor</b>	Arctic Fisheries Working Group
<b>Asmts in RAM</b>	2016, 2019, 2020, 2010, 2015

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

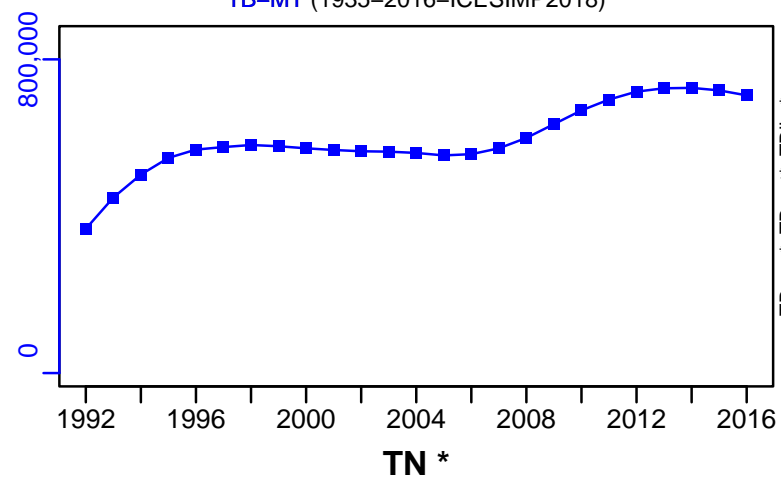
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	TB-MT	2016	666,000	Both	-
SSB	SSB-MT	2020	601,000	-	-
TN	-	-	-	-	-
R	R-E00	2020	70,300,000	-	1
F	F-relative	2020	0.048	-	-
ER	ER-ratio	2019	0.039	-	-
TC	TC-MT	2019	28,544		
TL	TL-MT	2020	28,700		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		



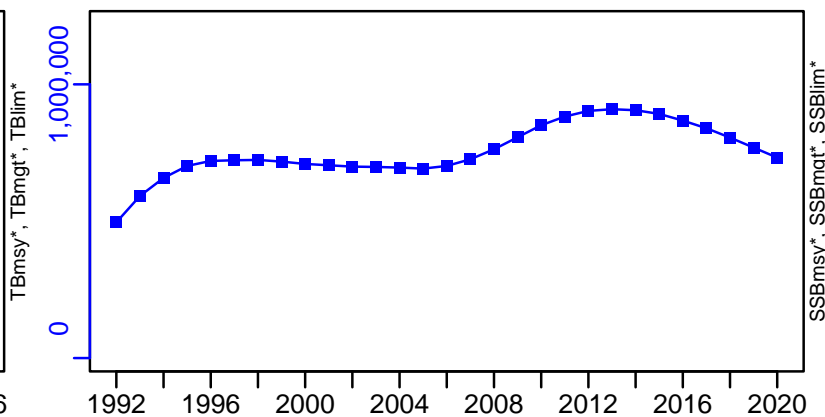
◆ Start Year ◆ End Year \* No Data

# Greenland halibut North-East Arctic [GHALNEAR]

TB-MT (1935–2016–ICESIMP2018)

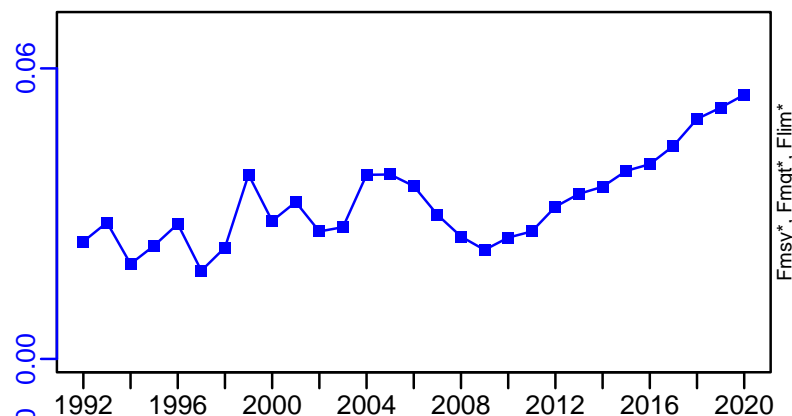


SSB-MT (1935–2020–ICESIMP2021–2)

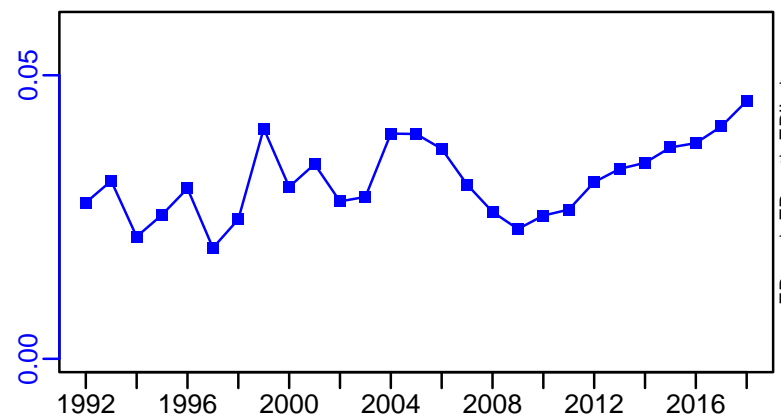


TN \*

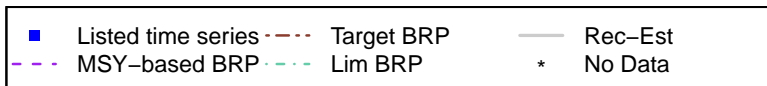
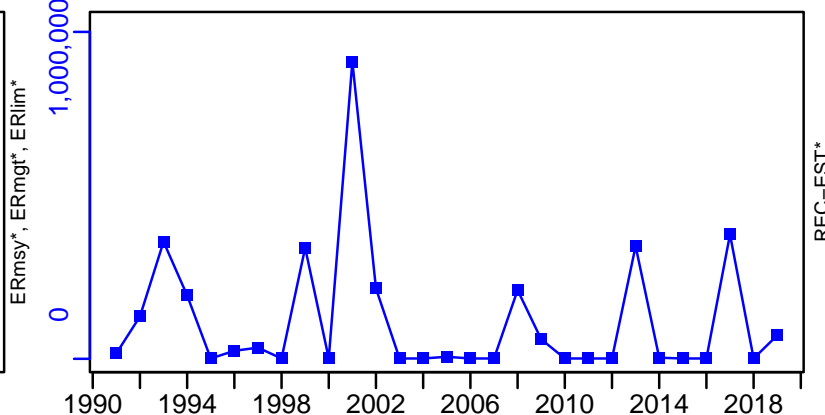
F-relative (1935–2020–ICESIMP2021–2)



ER-ratio (1935–2019–ICESIMP2021)

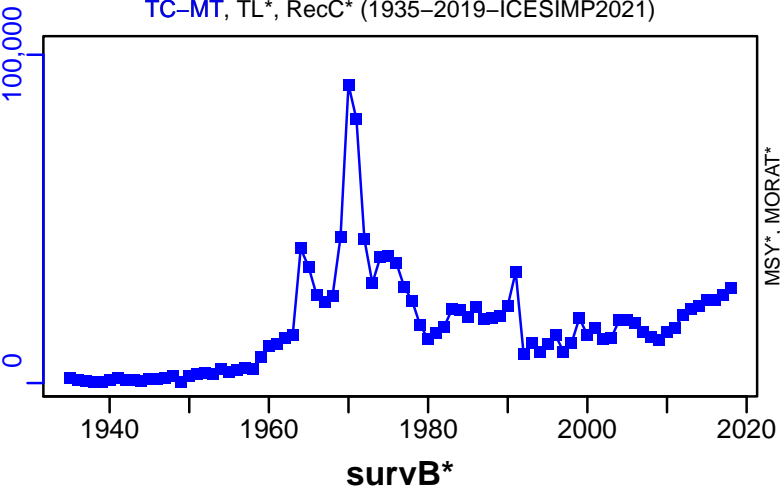


R-E00 (1935–2020–ICESIMP2021–2)



Greenland halibut North-East Arctic [GHALNEAR]

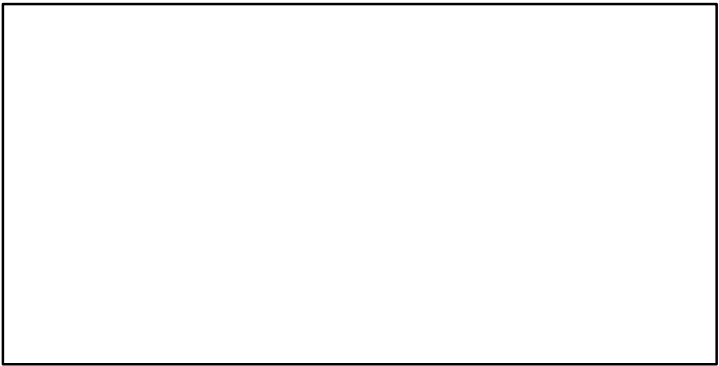
TC-MT, TL\*, RecC\* (1935-2019-ICESIMP2021)



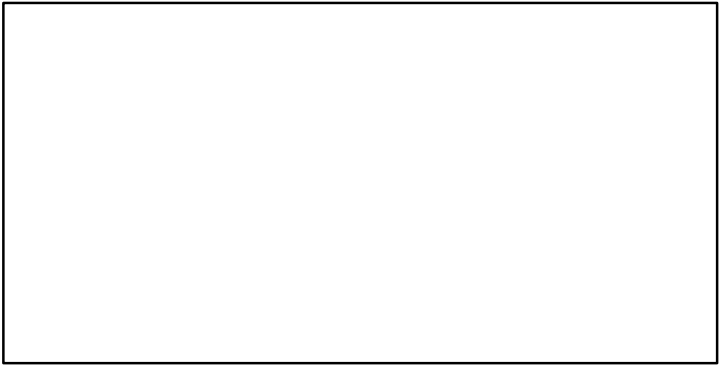
TAC\*, Cpair\*, Cadv\*



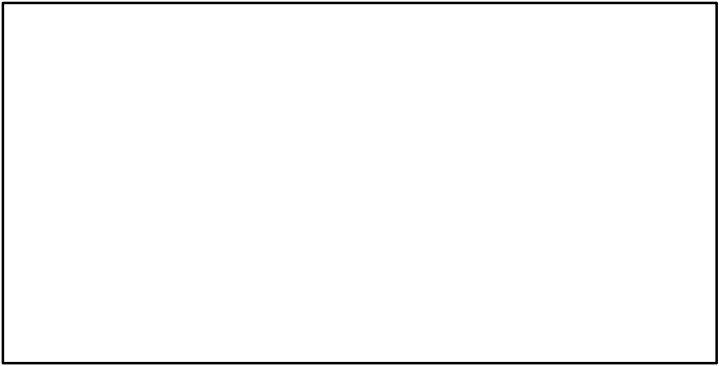
CPUE\*



EFFORT\*



CdivMSY\*



## Golden redfish North-East Arctic [GOLDREDNEAR]

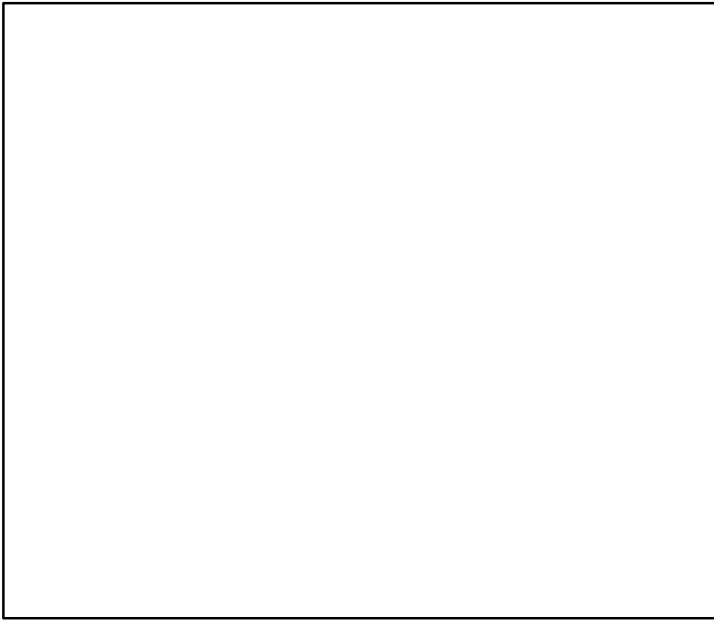
Metadata	
<b>Scientific Name</b>	Sebastes norvegicus
<b>Current Assess ID</b>	AFWG-GOLDREDNEAR-1986-2019-ICESIMP2021-2
<b>Area</b>	North-East Arctic
<b>Management Authority</b>	International Council for the Exploration of the Sea
<b>Assessor</b>	Arctic Fisheries Working Group
<b>Asmts in RAM</b>	2016, 2010, 2017, 2019

Reference Points			
Type	ID	Asmt Year	Value
<b>TBmsy</b>	-	-	-
<b>SSBmsy</b>	-	-	-
<b>Fmsy</b>	Fmsy-1/yr	2019	0.052
<b>ERmsy</b>	-	-	-
<b>TBmgt</b>	-	-	-
<b>SSBmgt</b>	-	-	-
<b>Fmgt</b>	Fmgt-1/yr	2019	0.052
<b>ERMgt</b>	-	-	-
<b>TB0</b>	-	-	-
<b>SSB0</b>	-	-	-
<b>MSY</b>	-	-	-
<b>M</b>	M-1/yr	2010	0.1
<b>TBlim</b>	-	-	-
<b>SSBlim</b>	SSBlim-MT	2019	49,000
<b>Flim</b>	-	-	-
<b>ERlim</b>	-	-	-

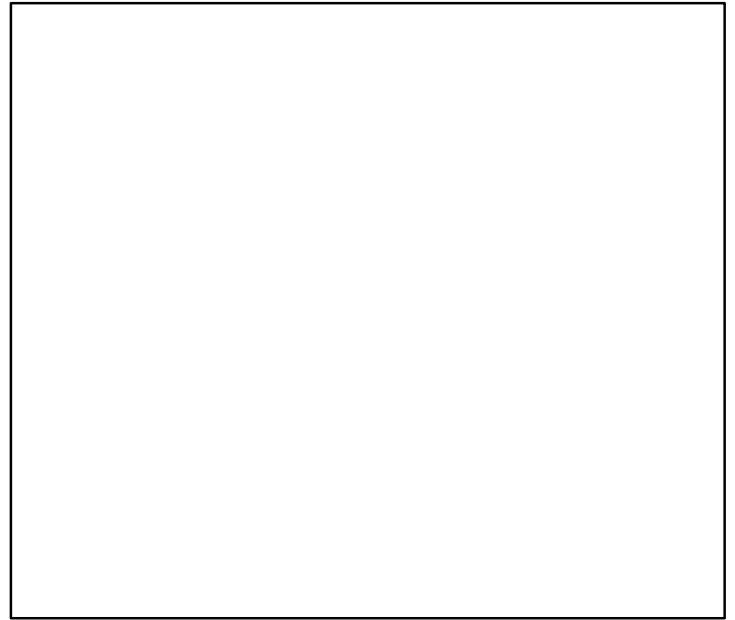
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
<b>TB</b>	TB-MT	2017	34,400	Both	-
<b>SSB</b>	SSB-MT	2019	23,900	-	-
<b>TN</b>	-	-	-	-	-
<b>R</b>	R-E00	2019	2680	-	3
<b>F</b>	F-1/yr	2019	0.462	-	-
<b>ER</b>	ER-calc-ratio	2017	0.155	-	-
<b>TC</b>	TC-MT	2019	8280		
<b>TL</b>	TL-MT	2019	8280		
<b>TB/TBmsy</b>	-	-	-		
<b>SSB/SSBmsy</b>	-	-	-		
<b>F/Fmsy</b>	F-1/yr/Fmsy-1/yr	2019	8.805		
<b>ER/ERmsy</b>	-	-	-		
<b>TB/TBmgt</b>	-	-	-		
<b>SSB/SSBmgt</b>	-	-	-		
<b>F/Fmgt</b>	F-1/yr/Fmgt-1/yr	2019	8.805		
<b>ER/ERMgt</b>	-	-	-		

Golden redfish North-East Arctic [GOLDREDNEAR]

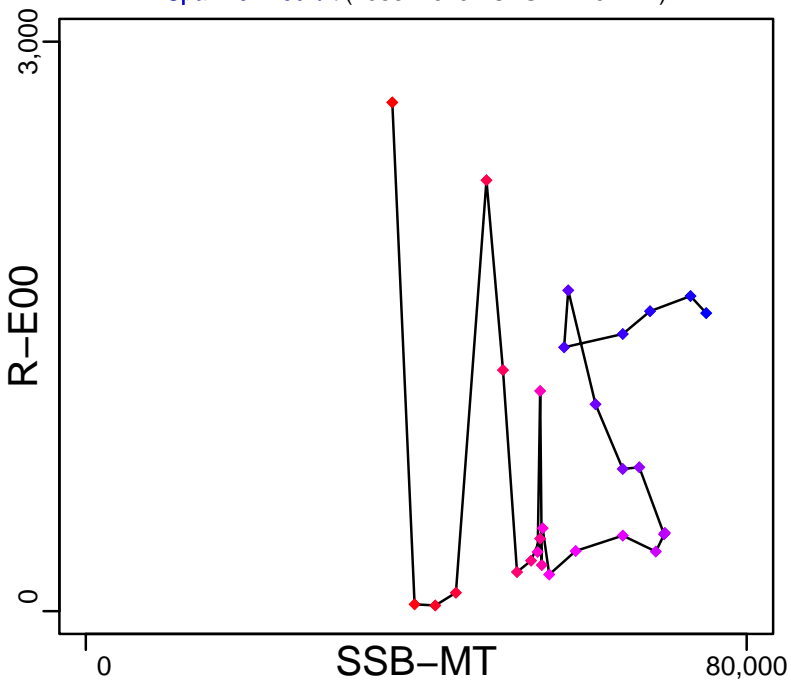
Kobe MSY\*



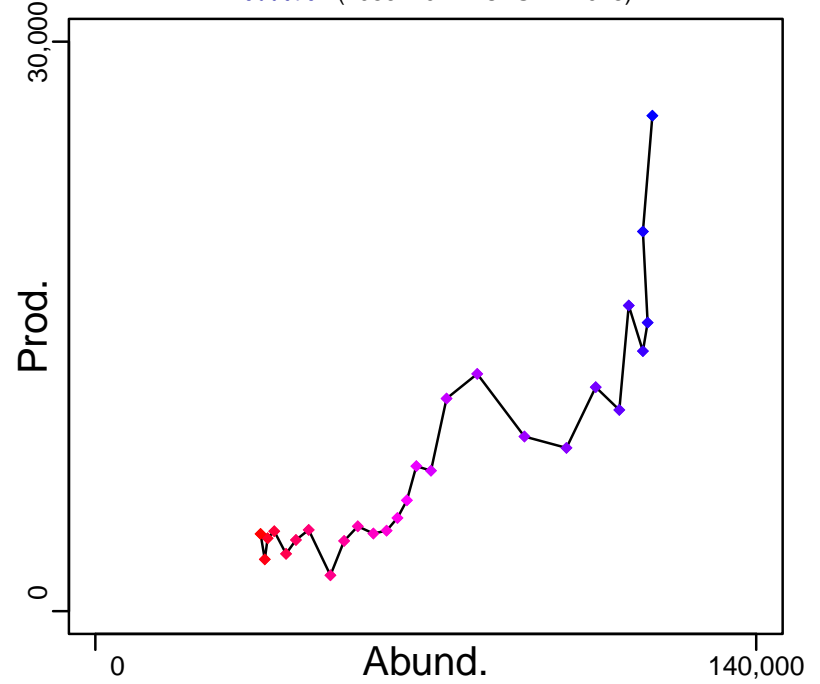
Kobe MGT\*



Spawner Recruit (1986–2019–ICESIMP2021–2)



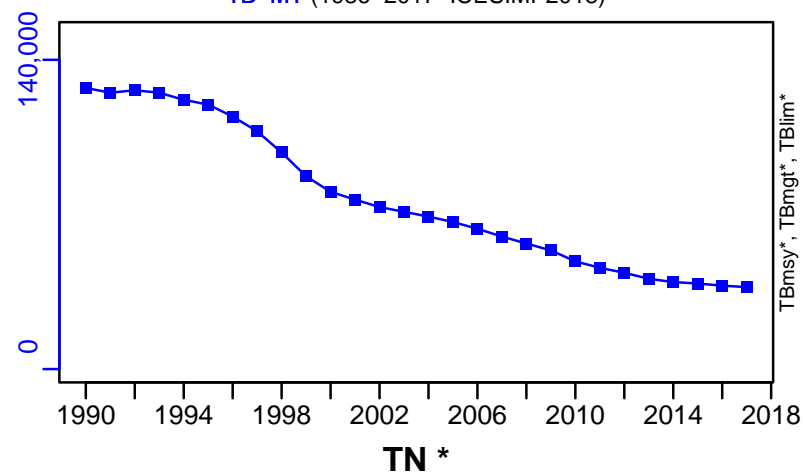
Production (1986–2017–ICESIMP2018)



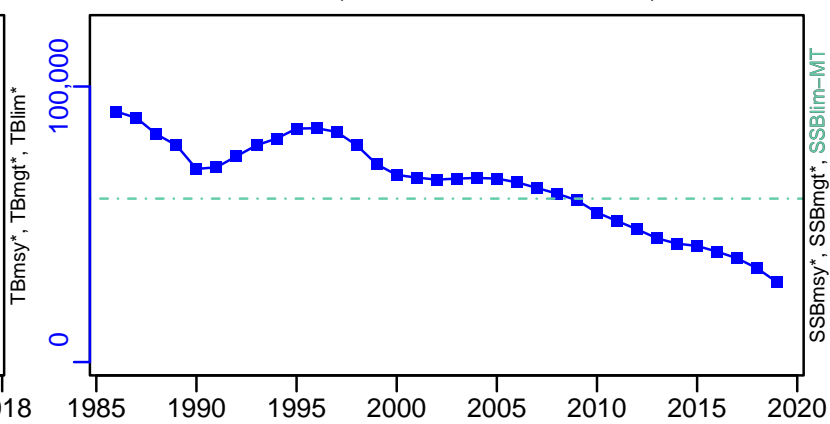
◆ Start Year ◆ End Year \* No Data

# Golden redfish North-East Arctic [GOLDREDNEAR]

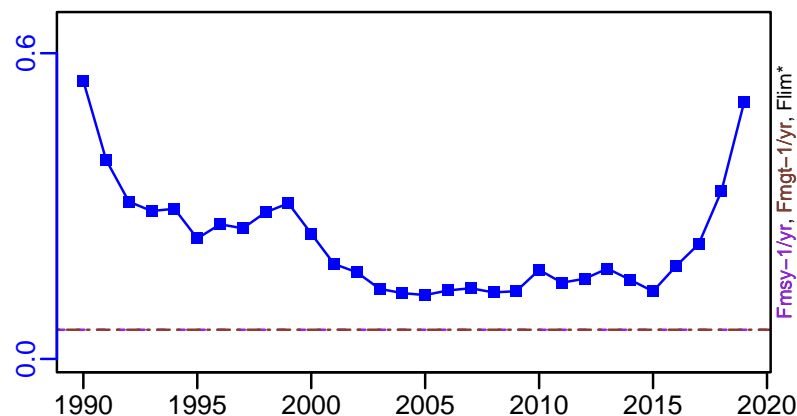
TB-MT (1986-2017-ICESIMP2018)



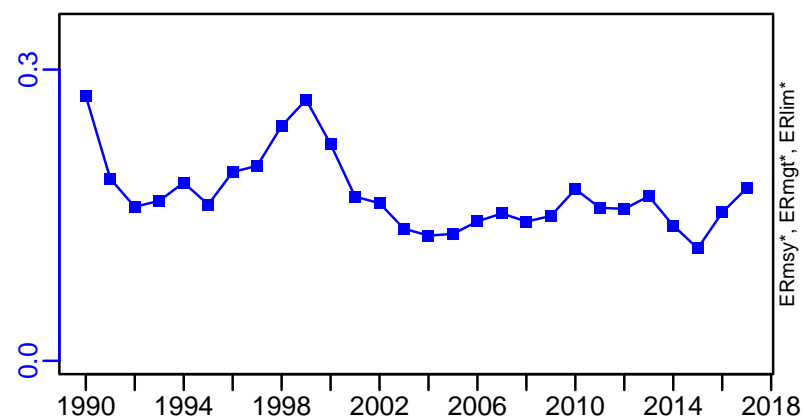
SSB-MT (1986-2019-ICESIMP2021-2)



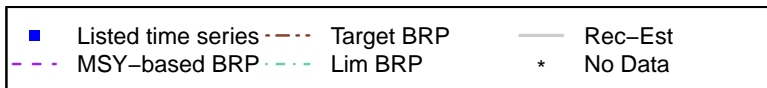
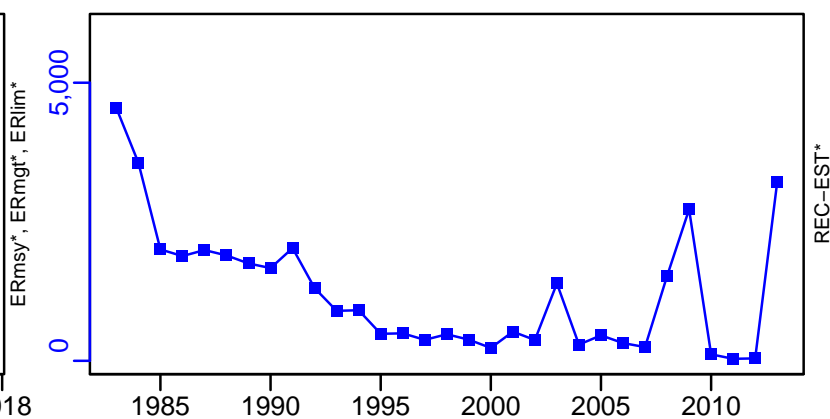
F-1/yr (1986-2019-ICESIMP2021-2)



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



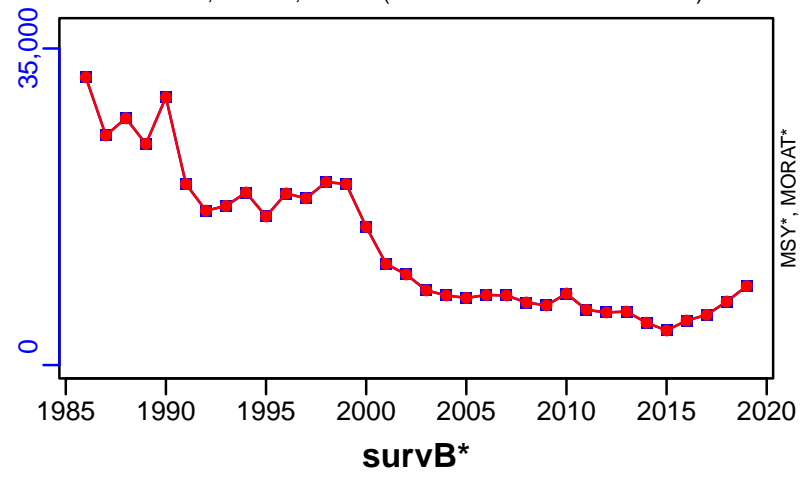
R-E00 (1986-2019-ICESIMP2021-2)



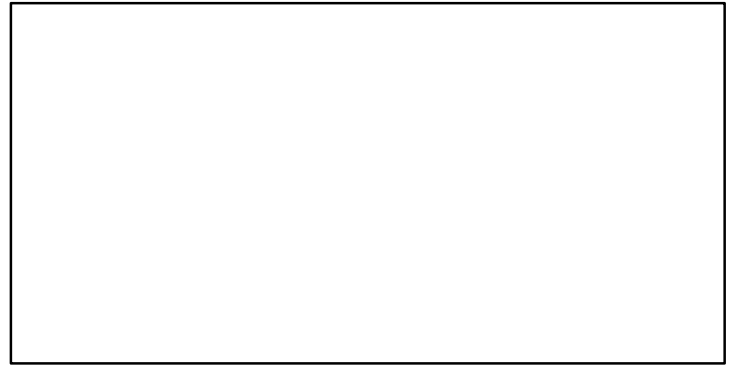


# Golden redfish North-East Arctic [GOLDREDNEAR]

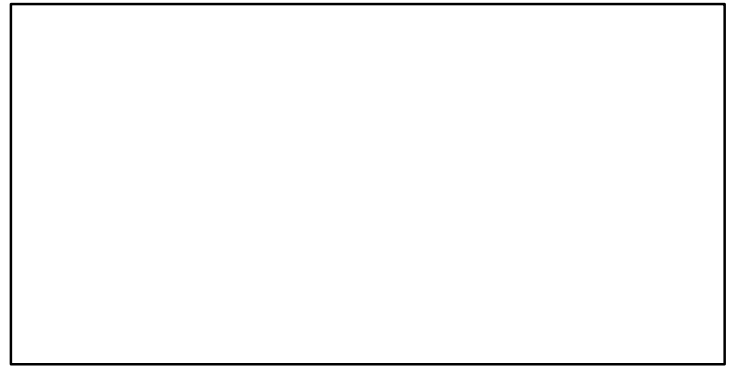
TC-MT, TL-MT, RecC\* (1986–2019–ICESIMP2021–2)



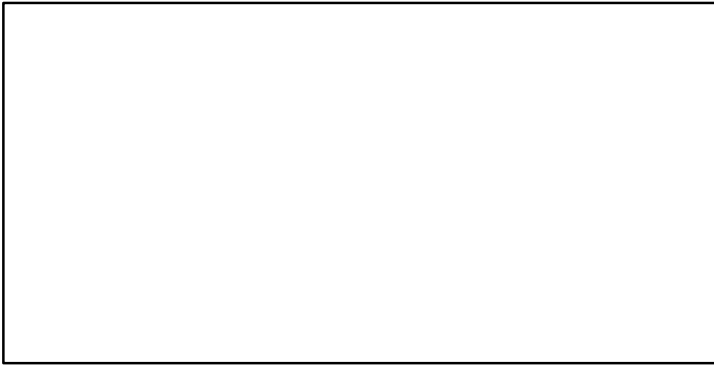
TAC\*, Cpair\*, Cadv\*



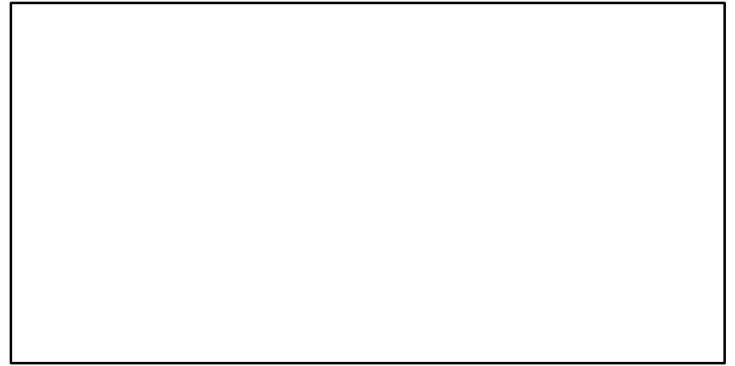
CPUE\*



EFFORT\*



CdivMSY\*



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

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

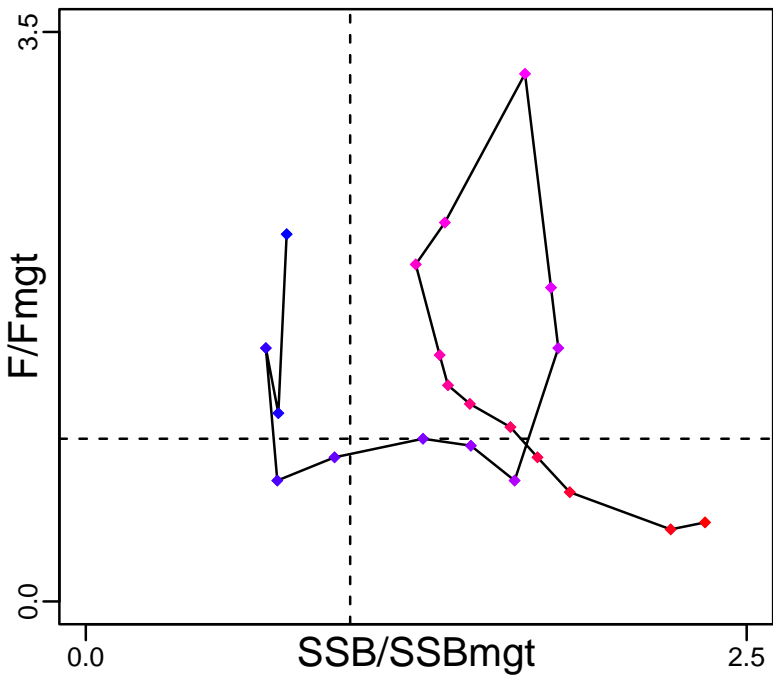
Metadata	
<b>Scientific Name</b>	Argentina silus
<b>Current Assess ID</b>	WGDEEP-GSSMELTVa-XIV-2000-2021-ICESIMP2021-2
<b>Area</b>	ICES 5a-14
<b>Management Authority</b>	International Council for the Exploration of the Sea
<b>Assessor</b>	Working Group on the Biology and Assessment of Deep-Sea Fisheries Resources
<b>Asmts in RAM</b>	2016, 2016, 2017, 2018, 2020, 2021

Reference Points			
Type	ID	Asmt Year	Value
<b>TBmsy</b>	-	-	-
<b>SSBmsy</b>	-	-	-
<b>Fmsy</b>	-	-	-
<b>ERmsy</b>	-	-	-
<b>TBmgt</b>	-	-	-
<b>SSBmgt</b>	SSBmgt-MT	2021	25,400
<b>Fmgt</b>	Fmgt-1/yr	2021	0.07
<b>ERmgt</b>	-	-	-
<b>TB0</b>	-	-	-
<b>SSB0</b>	-	-	-
<b>MSY</b>	-	-	-
<b>M</b>	-	-	-
<b>TBlim</b>	-	-	-
<b>SSBlim</b>	SSBlim-MT	2021	18,300
<b>Flim</b>	Flim-1/yr	2021	0.24
<b>ERlim</b>	-	-	-

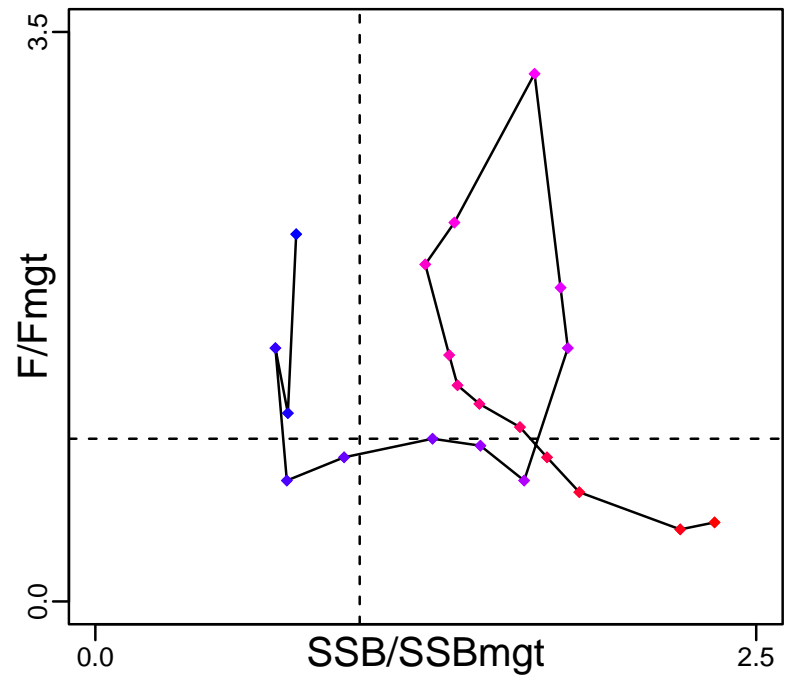
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
<b>TB</b>	-	-	-	-	-
<b>SSB</b>	SSB-MT	2021	56,400	-	-
<b>TN</b>	-	-	-	-	-
<b>R</b>	R-E00	2021	81,700	-	5
<b>F</b>	F-1/yr	2021	0.034	-	-
<b>ER</b>	-	-	-	-	-
<b>TC</b>	TC-MT	2021	3780		
<b>TL</b>	TL-MT	2021	3780		
<b>TB/TBmsy</b>	-	-	-		
<b>SSB/SSBmsy</b>	-	-	-		
<b>F/Fmsy</b>	-	-	-		
<b>ER/ERmsy</b>	-	-	-		
<b>TB/TBmgt</b>	-	-	-		
<b>SSB/SSBmgt</b>	SSB-MT/SSBmgt-MT	2021	2.22		
<b>F/Fmgt</b>	F-1/yr/Fmgt-1/yr	2021	0.486		
<b>ER/ERmgt</b>	-	-	-		

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

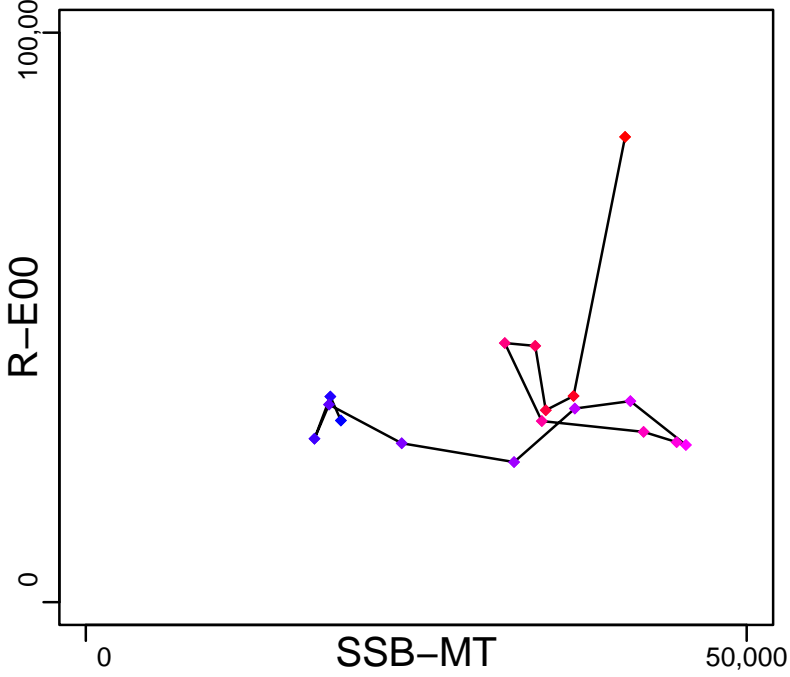
Kobe MSYpref (2000-2021-ICESIMP2021-2)



Kobe MGTpref (2000-2021-ICESIMP2021-2)



Spawner Recruit (2000-2021-ICESIMP2021-2)



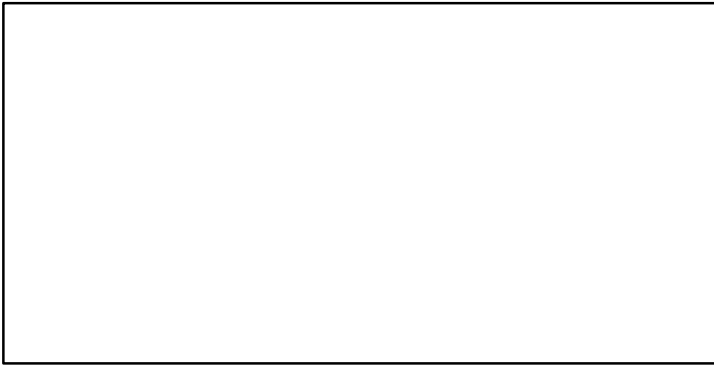
Production\*



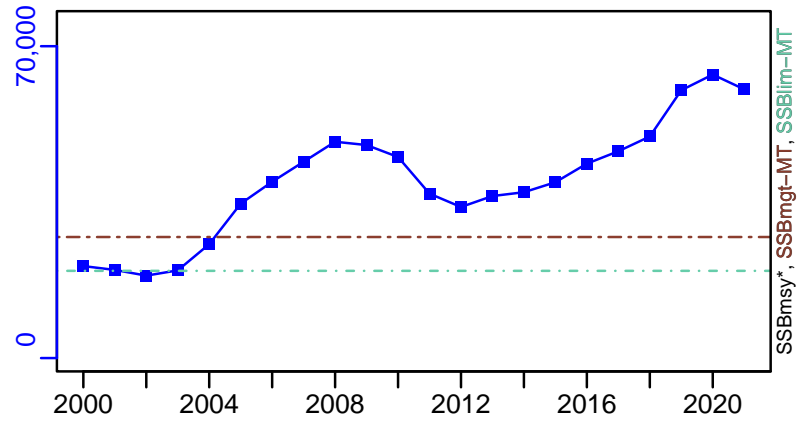
◆ Start Year ◆ End Year \* No Data

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

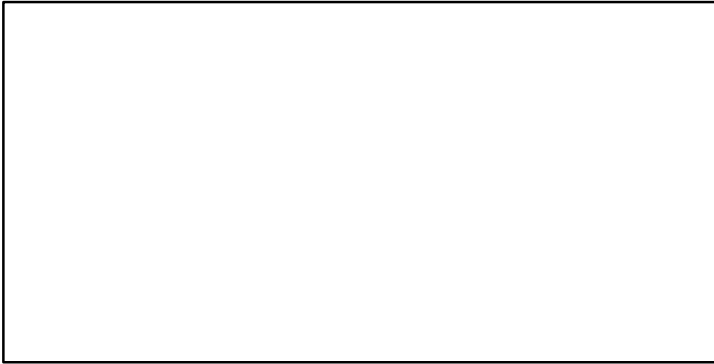
TB\*



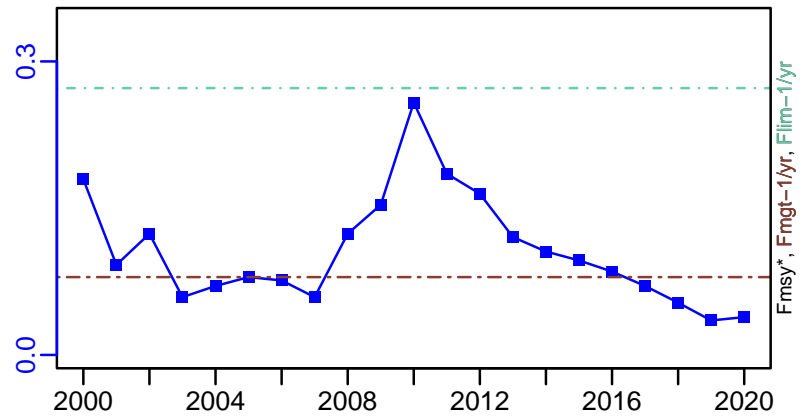
SSB-MT (2000-2021-ICESIMP2021-2)



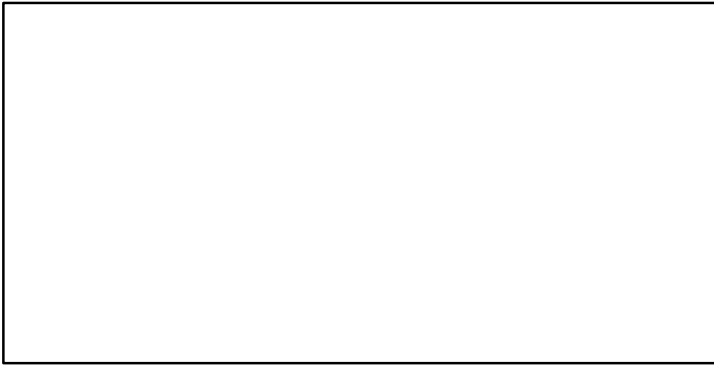
TN \*



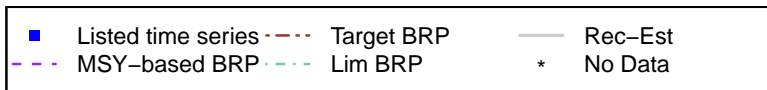
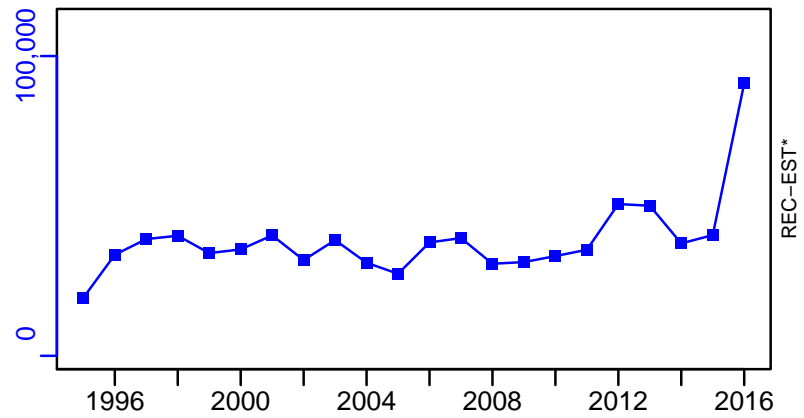
F-1/yr (2000-2021-ICESIMP2021-2)



ER\*

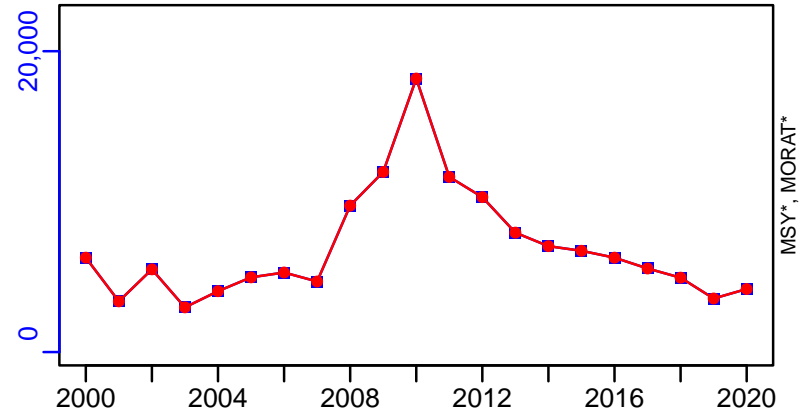


R-E00 (2000-2021-ICESIMP2021-2)

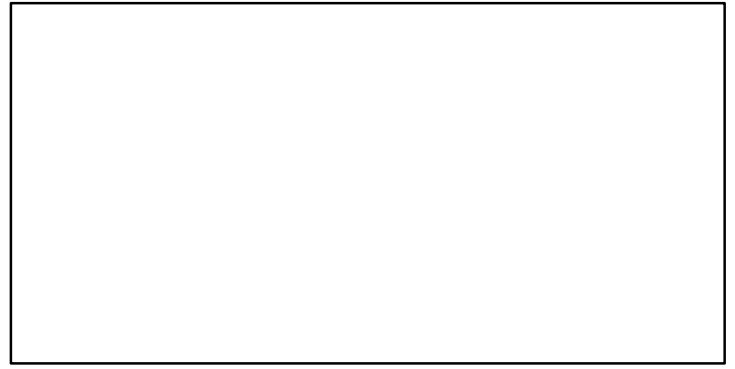


# Greater silver smelt ICES 5a-14 [GSSMELTVa-XIV]

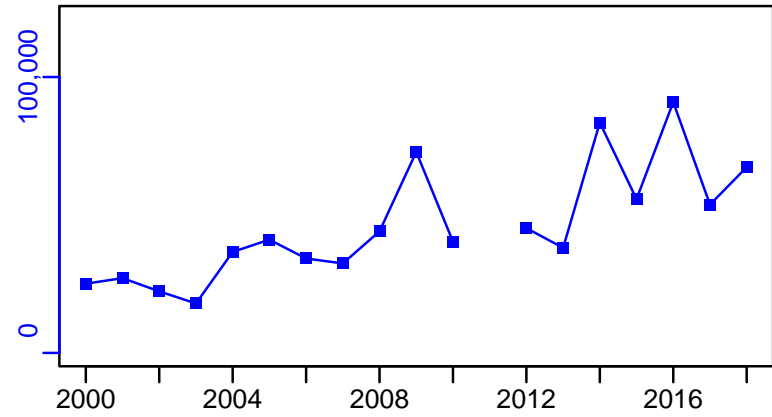
TC-MT, TL-MT, RecC\* (2000-2021-ICESIMP2021-2)



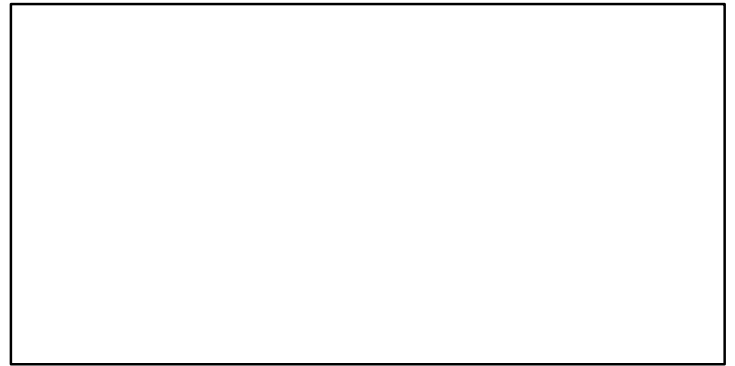
TAC\*, Cpair\*, Cadv\*



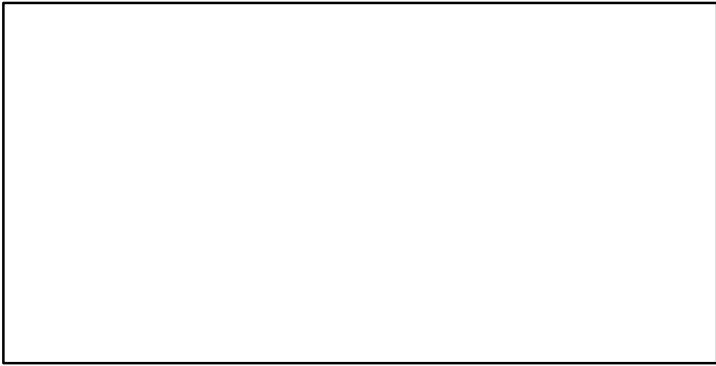
survB-MT (2000-2018-ICESIMP2021)



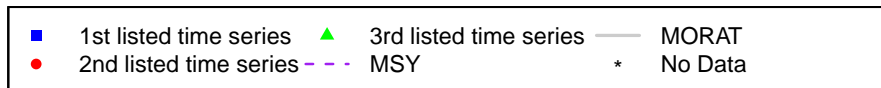
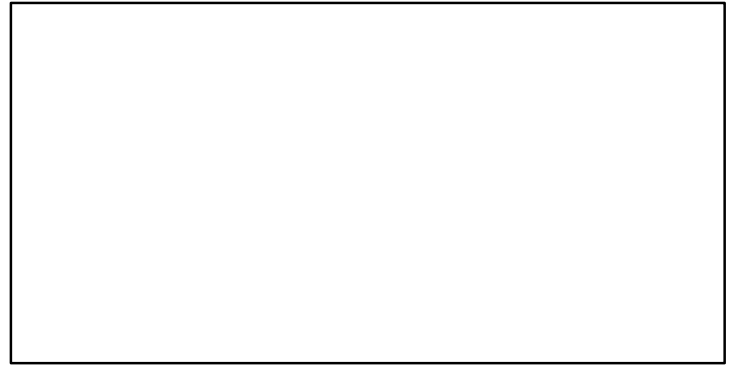
CPUE\*



EFFORT\*



CdivMSY\*



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

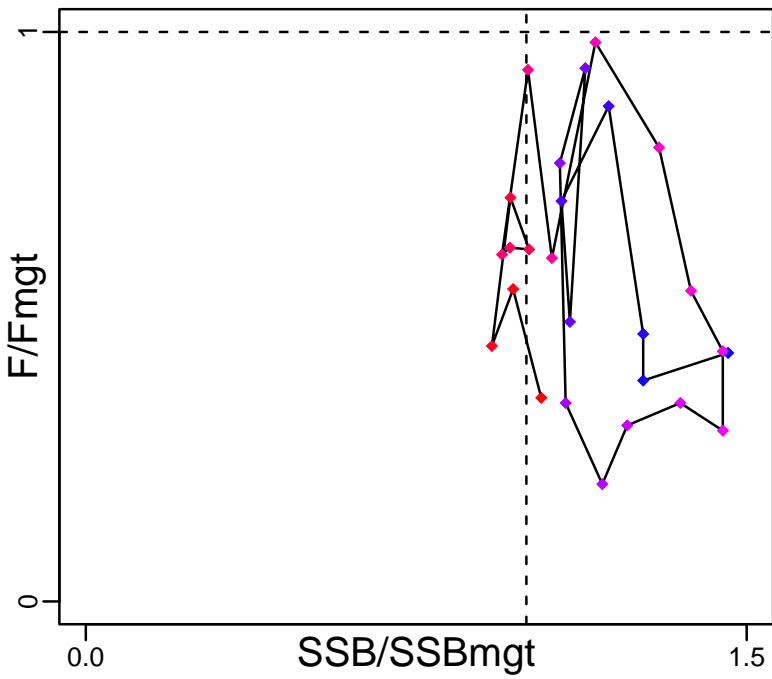
Metadata	
<b>Scientific Name</b>	Argentina silus
<b>Current Assess ID</b>	WGDEEP-GSSMELTVb-VIa-1988-2021-ICESIMP2021-2
<b>Area</b>	ICES 5b-6a
<b>Management Authority</b>	International Council for the Exploration of the Sea
<b>Assessor</b>	Working Group on the Biology and Assessment of Deep-Sea Fisheries Resources
<b>Asmts in RAM</b>	2014, 2016, 2018, 2021

Reference Points			
Type	ID	Asmt Year	Value
<b>TBmsy</b>	-	-	-
<b>SSBmsy</b>	-	-	-
<b>Fmsy</b>	-	-	-
<b>ERmsy</b>	-	-	-
<b>TBmgt</b>	-	-	-
<b>SSBmgt</b>	SSBmgt-MT	2021	83,000
<b>Fmgt</b>	Fmgt-1/yr	2021	0.33
<b>ERmgt</b>	-	-	-
<b>TB0</b>	-	-	-
<b>SSB0</b>	-	-	-
<b>MSY</b>	-	-	-
<b>M</b>	-	-	-
<b>TBlim</b>	-	-	-
<b>SSBlim</b>	SSBlim-MT	2021	59,700
<b>Flim</b>	-	-	-
<b>ERlim</b>	-	-	-

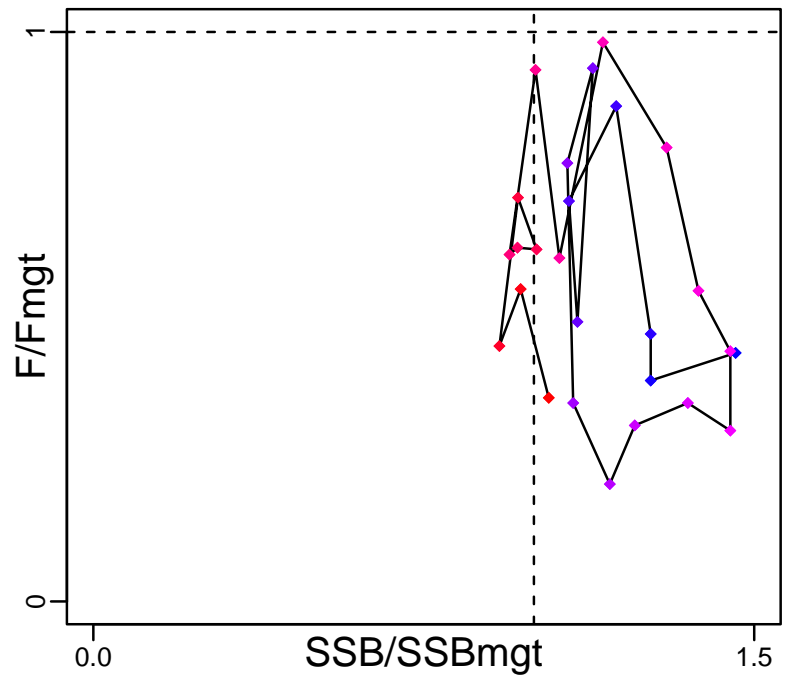
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
<b>TB</b>	-	-	-	-	-
<b>SSB</b>	SSB-MT	2021	89,300	-	-
<b>TN</b>	-	-	-	-	-
<b>R</b>	R-E00	2021	107,000	-	5
<b>F</b>	F-1/yr	2021	0.118	-	-
<b>ER</b>	-	-	-	-	-
<b>TC</b>	TC-MT	2016	18,000		
<b>TL</b>	TL-MT	2021	17,000		
<b>TB/TBmsy</b>	-	-	-		
<b>SSB/SSBmsy</b>	-	-	-		
<b>F/Fmsy</b>	-	-	-		
<b>ER/ERmsy</b>	-	-	-		
<b>TB/TBmgt</b>	-	-	-		
<b>SSB/SSBmgt</b>	SSB-MT/SSBmgt-MT	2021	1.076		
<b>F/Fmgt</b>	F-1/yr/Fmgt-1/yr	2021	0.358		
<b>ER/ERmgt</b>	-	-	-		

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

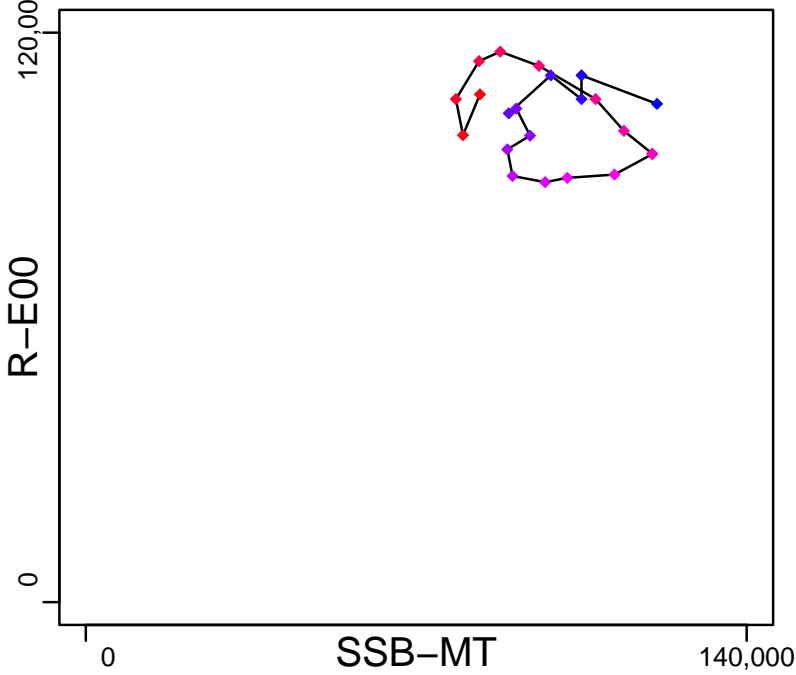
Kobe MSYpref (1988-2021-ICESIMP2021-2)



Kobe MGTpref (1988-2021-ICESIMP2021-2)



Spawner Recruit (1988-2021-ICESIMP2021-2)



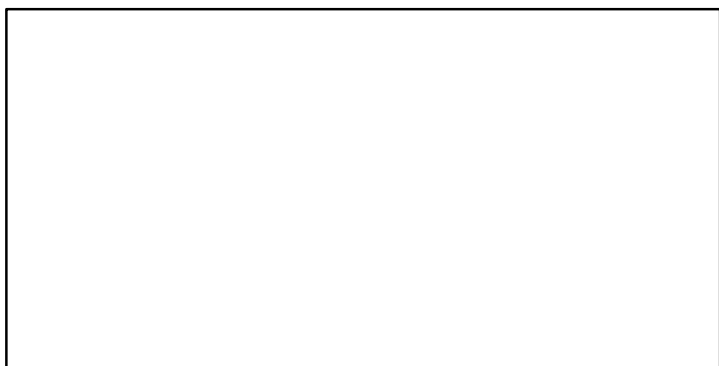
Production\*



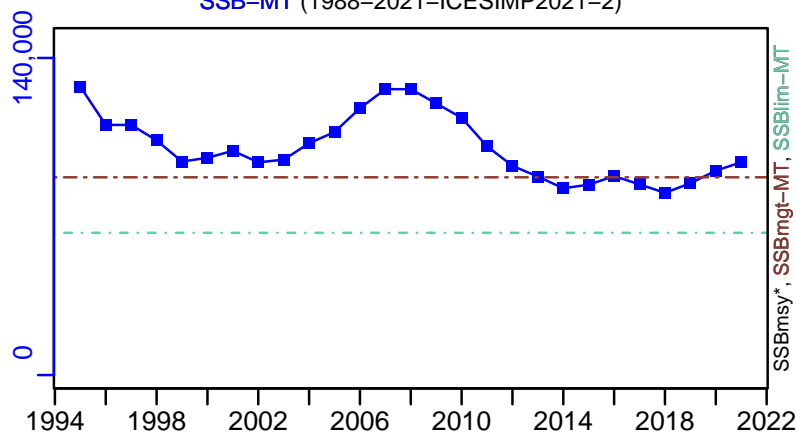
◆ Start Year ◆ End Year \* No Data

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

TB\*



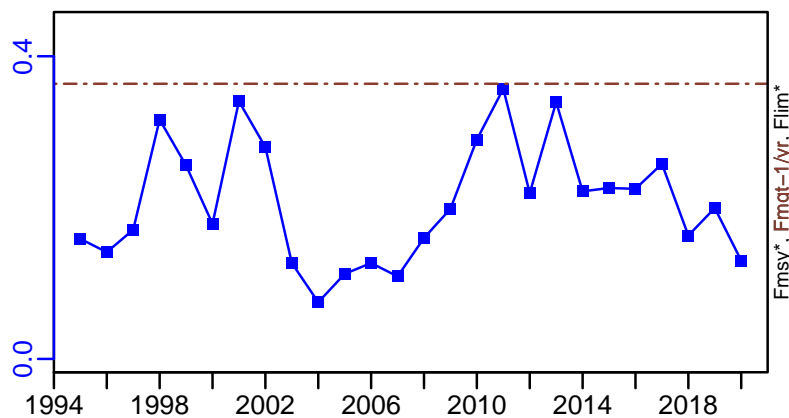
SSB-MT (1988-2021-ICESIMP2021-2)



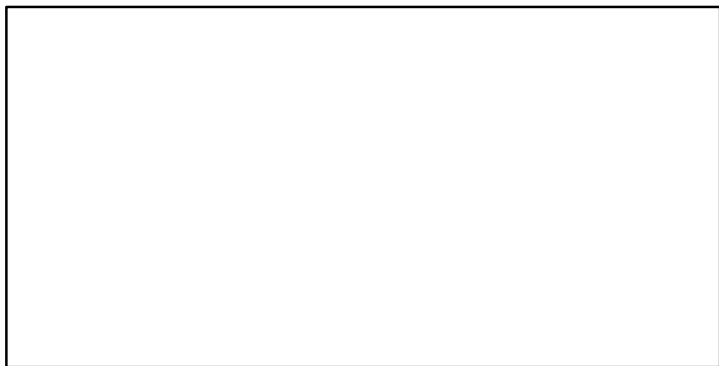
TN \*



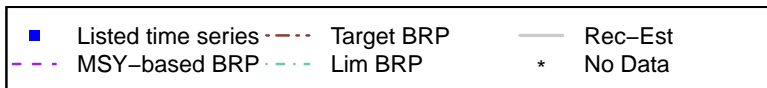
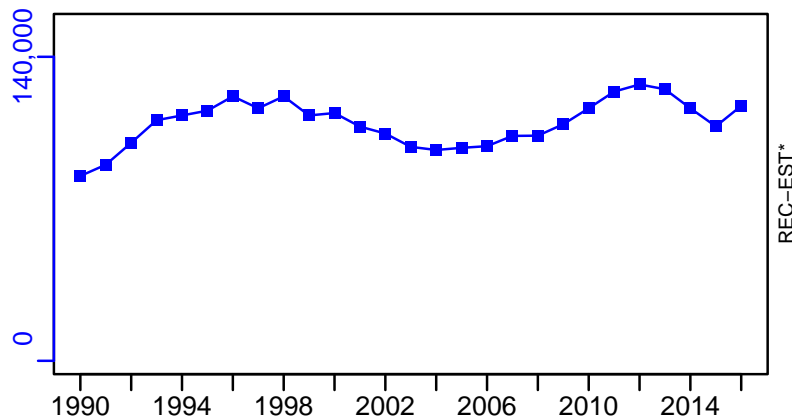
F-1/yr (1988-2021-ICESIMP2021-2)



ER\*



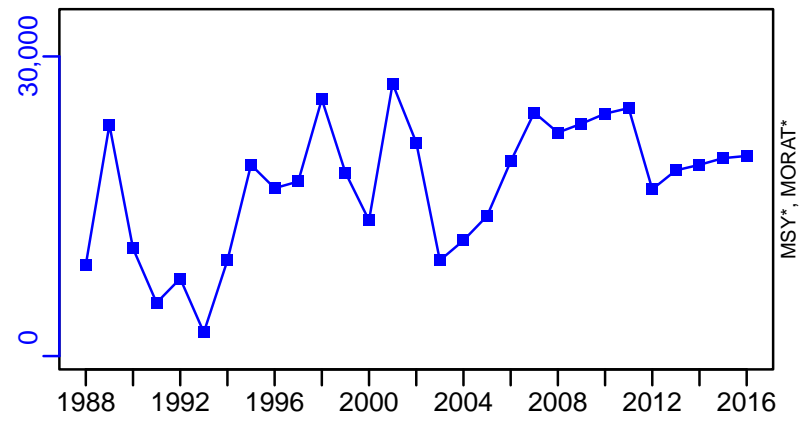
R-E00 (1988-2021-ICESIMP2021-2)



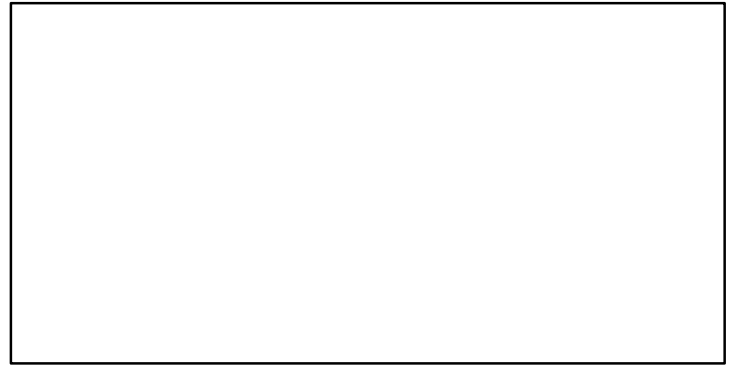


# Greater silver smelt ICES 5b-6a [GSSMELTVb-VIa]

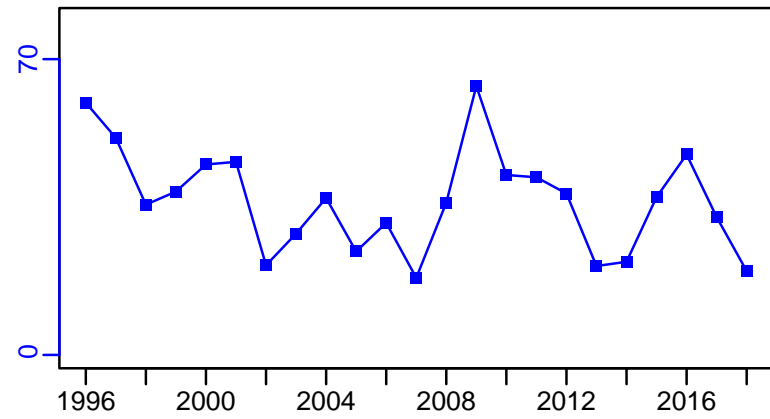
TC-MT, TL\*, RecC\* (1988-2016-ICESIMP2018)



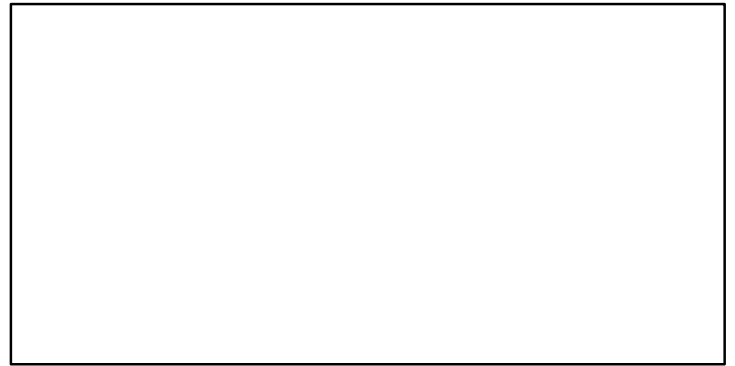
TAC\*, Cpair\*, Cadv\*



survB-index (1988-2018-ICESIMP2021)



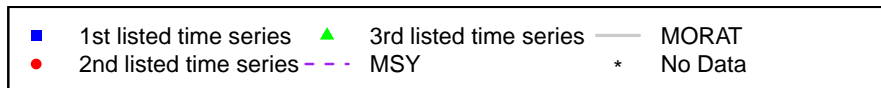
CPUE\*



EFFORT\*



CdivMSY\*



## Haddock Faroe Plateau [HADFAPL]

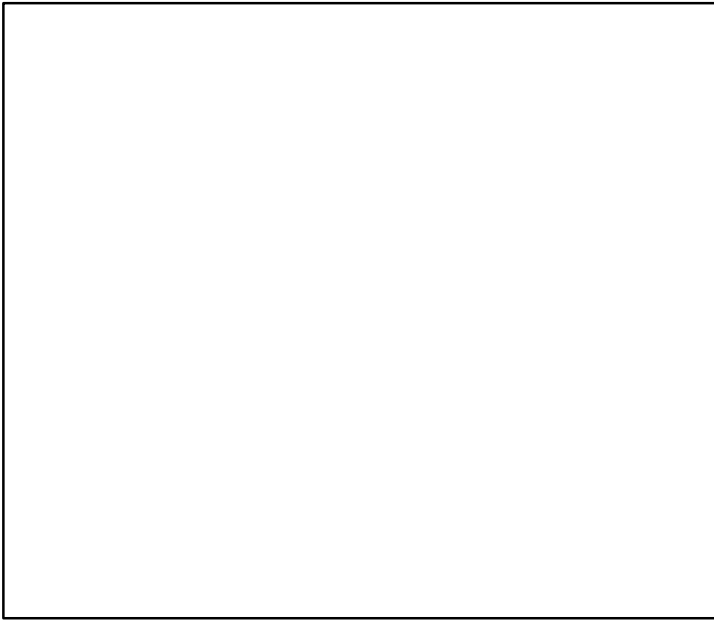
Metadata	
<b>Scientific Name</b>	Melanogrammus aeglefinus
<b>Current Assess ID</b>	NWWG-HADFAPL-1957-2020-ICESIMP2021-2
<b>Area</b>	Faroe Plateau
<b>Management Authority</b>	International Council for the Exploration of the Sea
<b>Assessor</b>	North-Western Working Group
<b>Asmts in RAM</b>	2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020

Reference Points			
Type	ID	Asmt Year	Value
<b>TBmsy</b>	-	-	-
<b>SSBmsy</b>	-	-	-
<b>Fmsy</b>	Fmsy-1/yr	2020	0.165
<b>ERmsy</b>	ERmsy-ratio	2019	0.165
<b>TBmgt</b>	-	-	-
<b>SSBmgt</b>	-	-	-
<b>Fmgt</b>	Fmgt-1/yr	2020	0.165
<b>ERmgt</b>	ERmgt-ratio	2019	0.165
<b>TB0</b>	-	-	-
<b>SSB0</b>	-	-	-
<b>MSY</b>	MSY-MT	2012	35,000
<b>M</b>	-	-	-
<b>TBlim</b>	-	-	-
<b>SSBlim</b>	SSBlim-MT	2020	16,800
<b>Flim</b>	Flim-1/yr	2020	0.54
<b>ERlim</b>	-	-	-

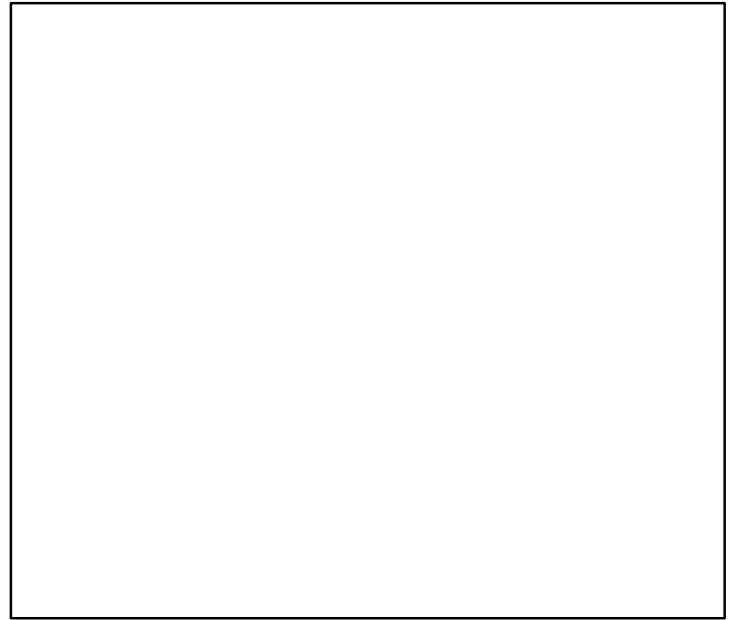
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
<b>TB</b>	TB-MT	2019	90,093	-	-
<b>SSB</b>	SSB-MT	2020	53,800	-	-
<b>TN</b>	-	-	-	-	-
<b>R</b>	R-E00	2020	9,950,000	-	1
<b>F</b>	F-1/yr	2020	0.289	-	-
<b>ER</b>	ER-ratio	2019	0.163	-	3 to 7
<b>TC</b>	TC-MT	2020	9330		
<b>TL</b>	TL-MT	2020	9330		
<b>TB/TBmsy</b>	-	-	-		
<b>SSB/SSBmsy</b>	-	-	-		
<b>F/Fmsy</b>	F-1/yr/Fmsy-1/yr	2020	1.752		
<b>ER/ERmsy</b>	ER-ratio/ERmsy-ratio	2019	0.988		
<b>TB/TBmgt</b>	-	-	-		
<b>SSB/SSBmgt</b>	-	-	-		
<b>F/Fmgt</b>	F-1/yr/Fmgt-1/yr	2020	1.752		
<b>ER/ERmgt</b>	-	-	-		

Haddock Faroe Plateau [HADFAPL]

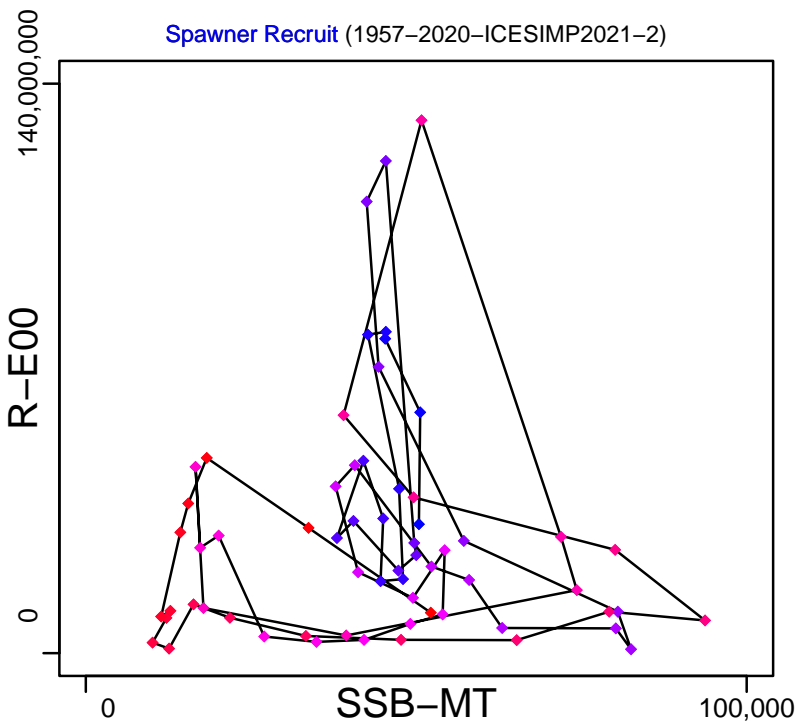
Kobe MSY\*



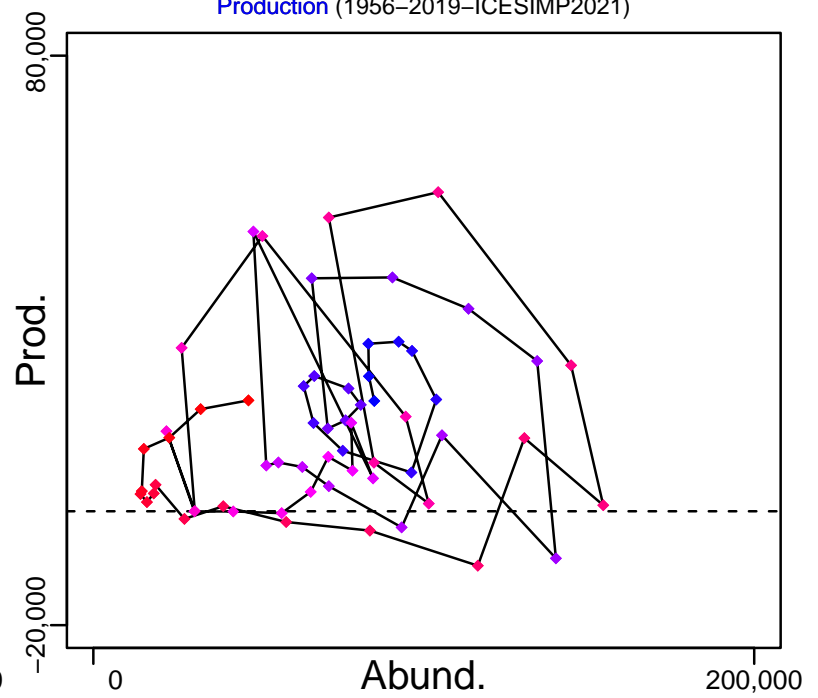
Kobe MGT\*



Spawner Recruit (1957–2020–ICESIMP2021–2)



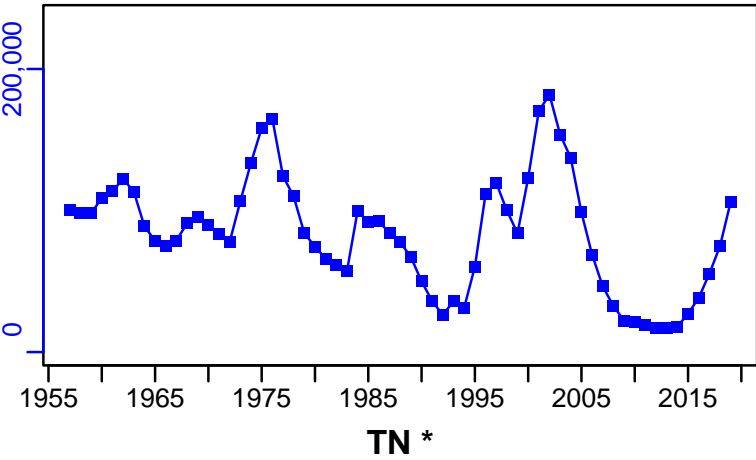
Production (1956–2019–ICESIMP2021)



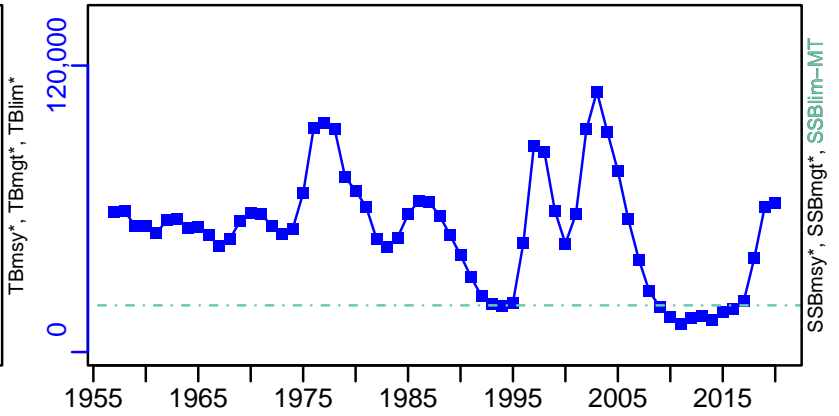
◆ Start Year ◆ End Year \* No Data

# Haddock Faroe Plateau [HADFAPL]

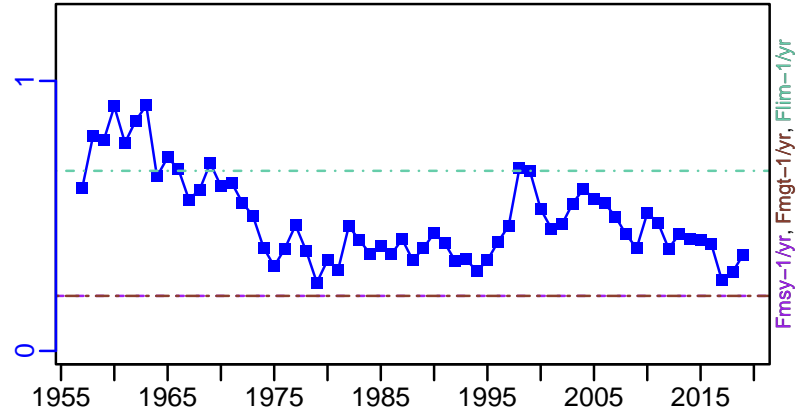
TB-MT (1956–2019–ICESIMP2021)



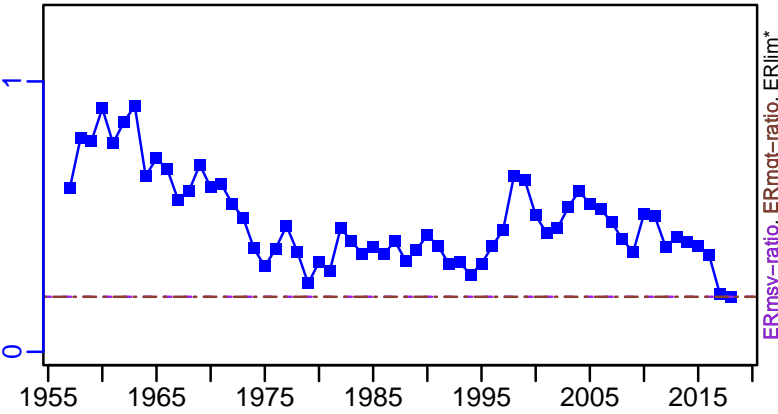
SSB-MT (1957–2020–ICESIMP2021–2)



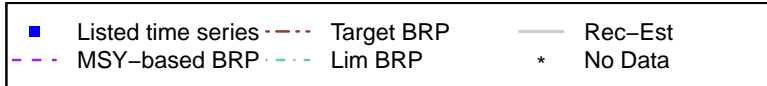
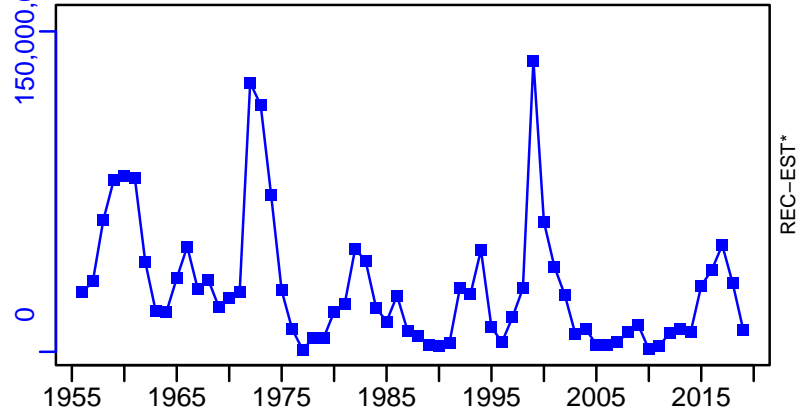
F-1/yr (1957–2020–ICESIMP2021–2)



ER-ratio (1956–2019–ICESIMP2021)



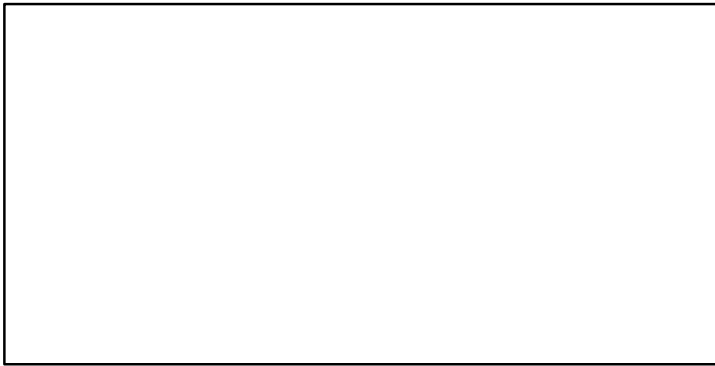
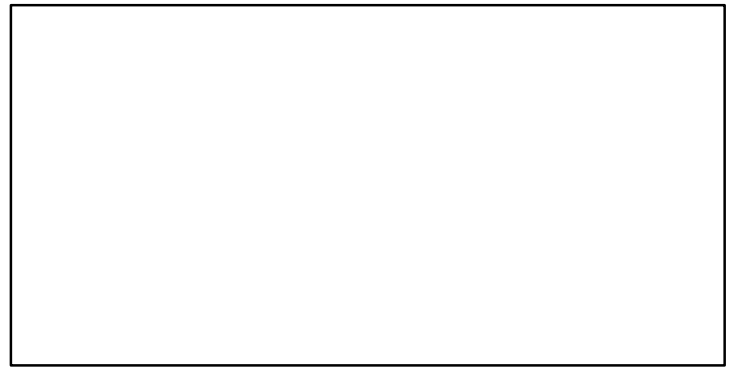
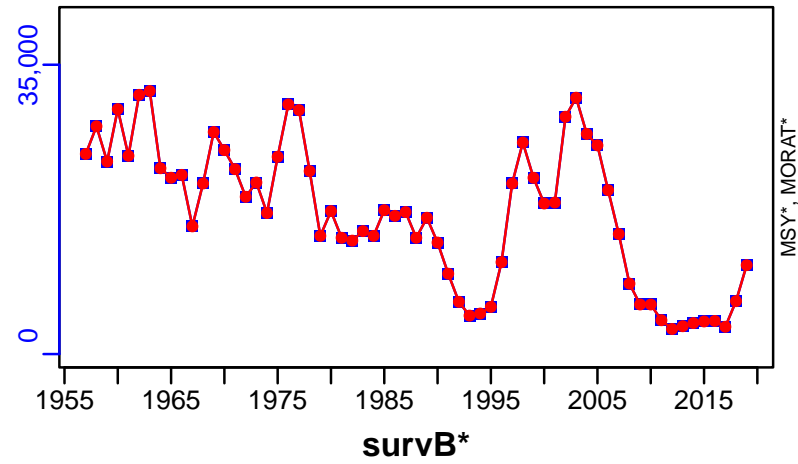
R-E00 (1957–2020–ICESIMP2021–2)



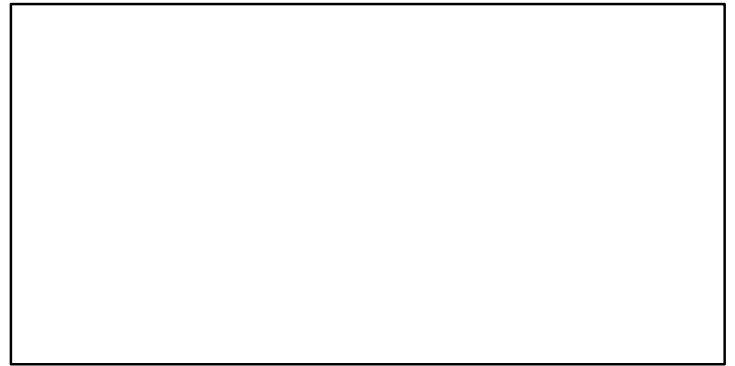
# Haddock Faroe Plateau [HADFAPL]

TC-MT, TL-MT, RecC\* (1957-2020-ICESIMP2021-2)

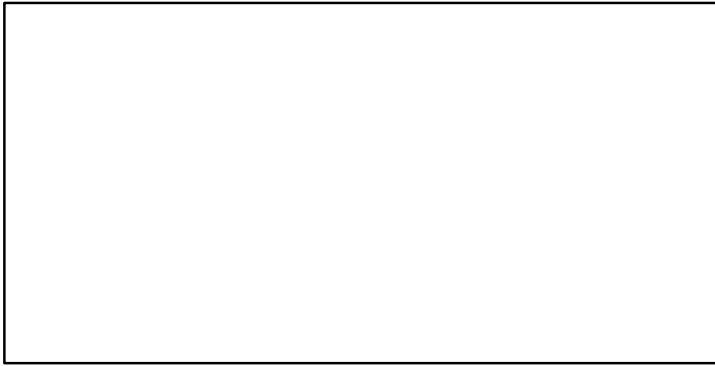
TAC\*, Cpair\*, Cadv\*



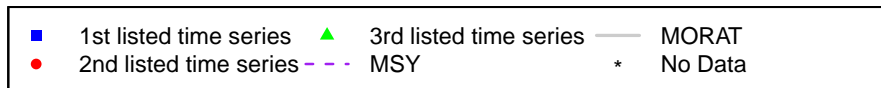
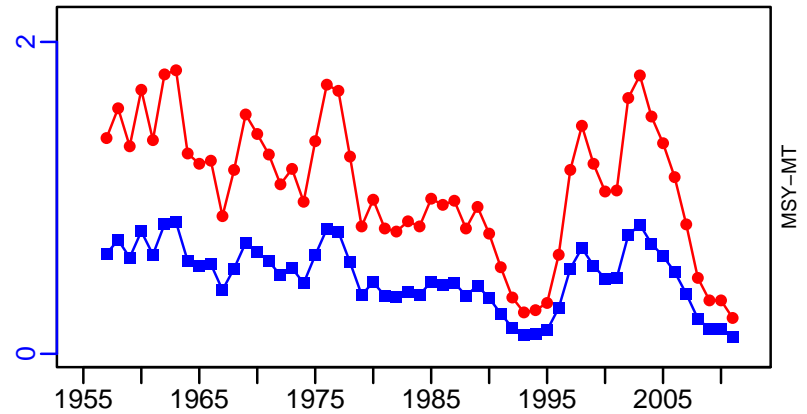
CPUE\*



EFFORT\*



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



## Haddock Iceland Grounds [HADICE]

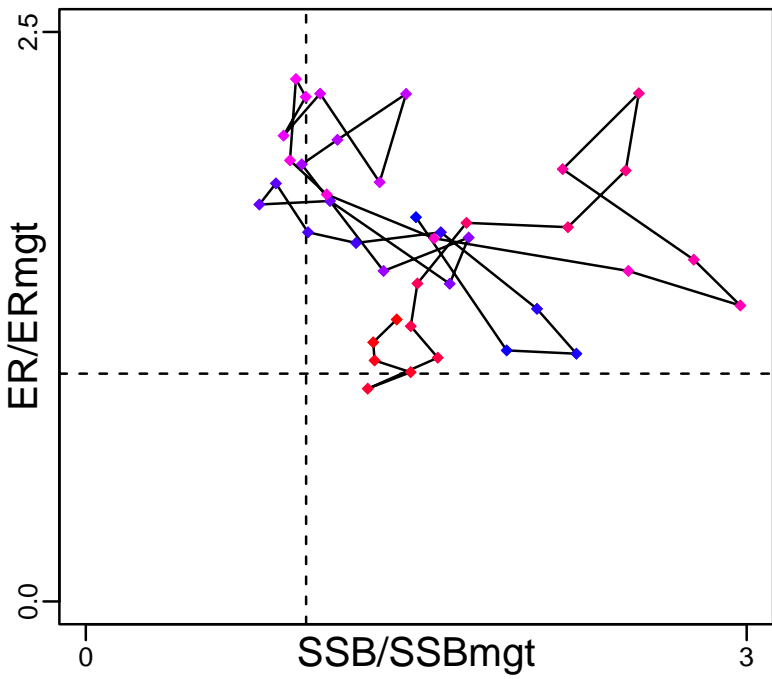
Metadata	
<b>Scientific Name</b>	Melanogrammus aeglefinus
<b>Current Assess ID</b>	NWWG-HADICE-1977-2023-ICESIMP2024
<b>Area</b>	Iceland Grounds
<b>Management Authority</b>	International Council for the Exploration of the Sea
<b>Assessor</b>	North-Western Working Group
<b>Asmts in RAM</b>	2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2023, 2020, 2021

Reference Points			
Type	ID	Asmt Year	Value
<b>TBmsy</b>	-	-	-
<b>SSBmsy</b>	-	-	-
<b>Fmsy</b>	-	-	-
<b>ERmsy</b>	-	-	-
<b>TBmgt</b>	-	-	-
<b>SSBmgt</b>	SSBmgt-MT	2023	49,400
<b>Fmgt</b>	Fmgt-1/yr	2023	0.35
<b>ERmgt</b>	ERmgt-ratio	2019	0.35
<b>TB0</b>	-	-	-
<b>SSB0</b>	-	-	-
<b>MSY</b>	-	-	-
<b>M</b>	-	-	-
<b>TBlim</b>	-	-	-
<b>SSBlim</b>	SSBlim-MT	2023	35,500
<b>Flim</b>	-	-	-
<b>ERlim</b>	-	-	-

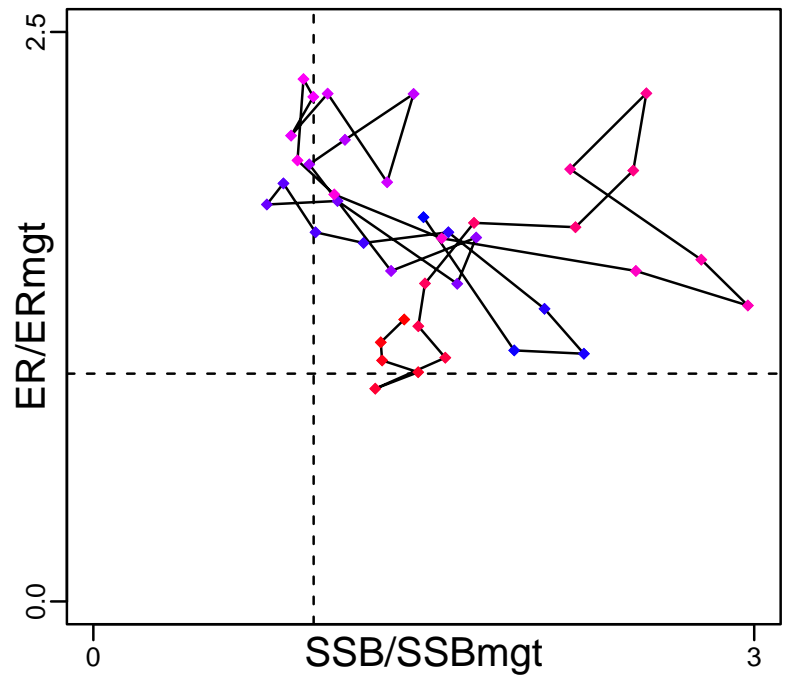
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
<b>TB</b>	TB-MT	2023	172,195	-	-
<b>SSB</b>	SSB-MT	2023	113,562	-	-
<b>TN</b>	-	-	-	-	-
<b>R</b>	R-E00	2023	106,012	-	2
<b>F</b>	F-1/yr	2018	0.368	-	4 to 7
<b>ER</b>	ER-ratio	2023	0.4	-	4 to 7
<b>TC</b>	TC-MT	2023	58,559		
<b>TL</b>	TL-MT	2023	58,559		
<b>TB/TBmsy</b>	-	-	-		
<b>SSB/SSBmsy</b>	-	-	-		
<b>F/Fmsy</b>	-	-	-		
<b>ER/ERmsy</b>	-	-	-		
<b>TB/TBmgt</b>	-	-	-		
<b>SSB/SSBmgt</b>	SSB-MT/SSBmgt-MT	2023	2.299		
<b>F/Fmgt</b>	-	-	-		
<b>ER/ERmgt</b>	-	-	-		

# Haddock Iceland Grounds [HADICE]

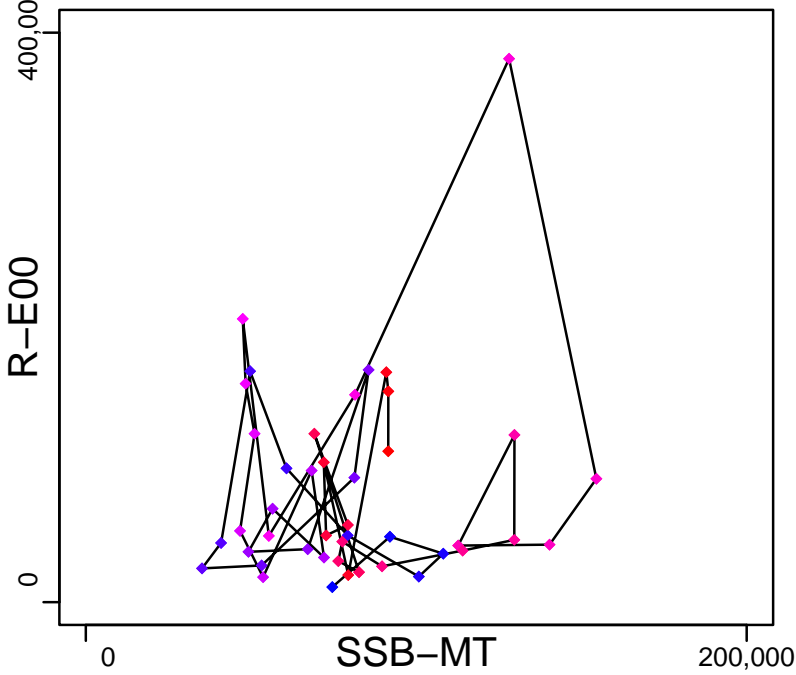
Kobe MSYpref (1977–2019–ICESIMP2021)



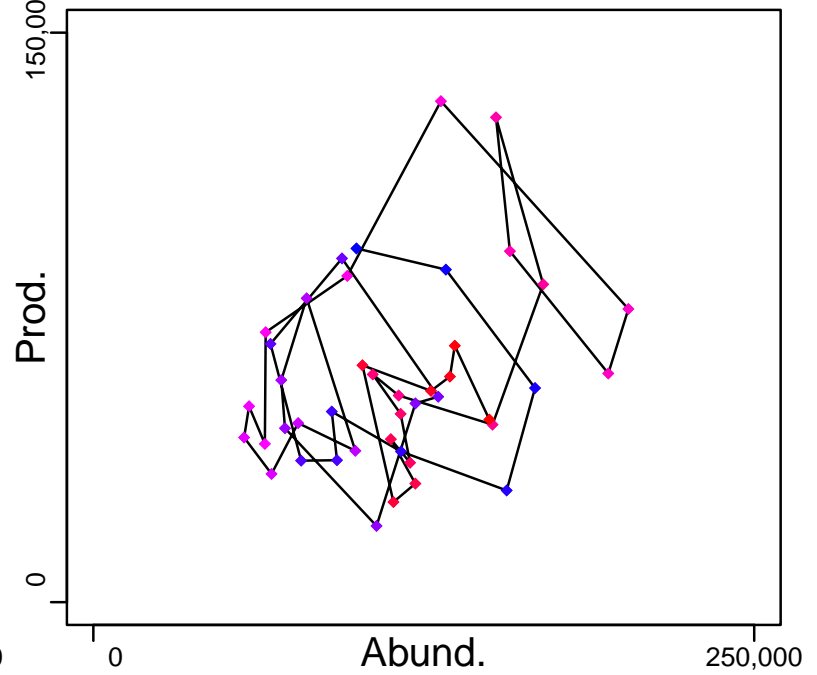
Kobe MGTpref (1977–2019–ICESIMP2021)



Spawner Recruit (1977–2023–ICESIMP2024)



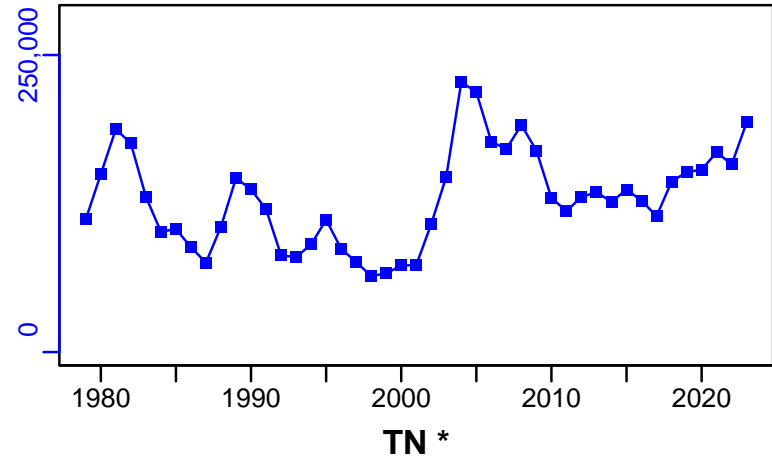
Production (1977–2023–ICESIMP2024)



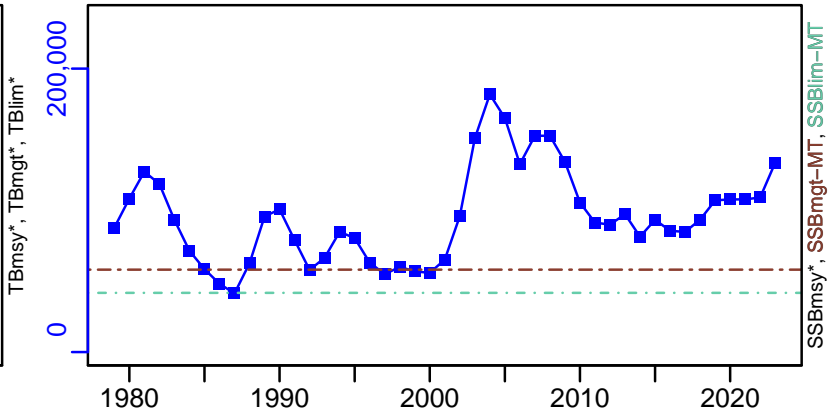
◆ Start Year ◆ End Year \* No Data

# Haddock Iceland Grounds [HADICE]

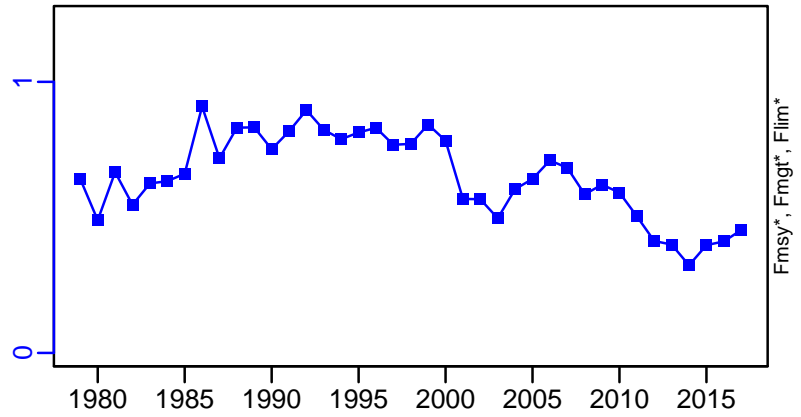
TB-MT (1977–2023–ICESIMP2024)



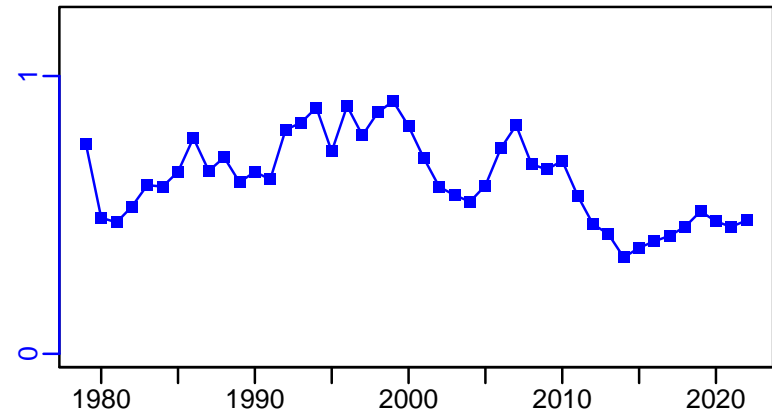
SSB-MT (1977–2023–ICESIMP2024)



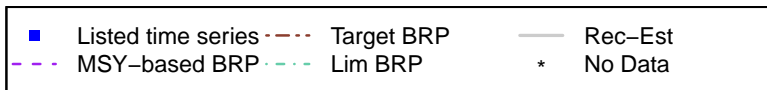
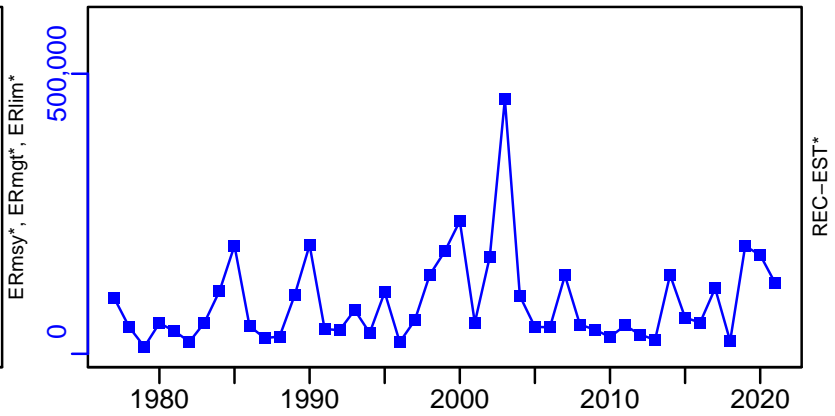
F-1/yr (1977–2018–ICESIMP2018)



ER-ratio (1977–2023–ICESIMP2024)



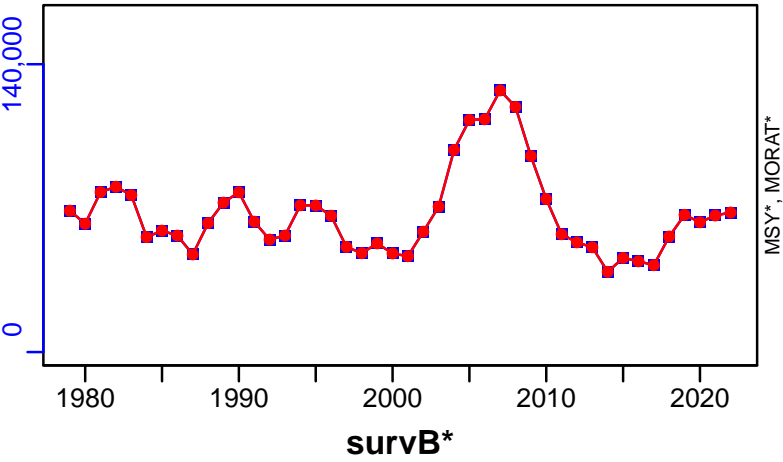
R-E00 (1977–2023–ICESIMP2024)



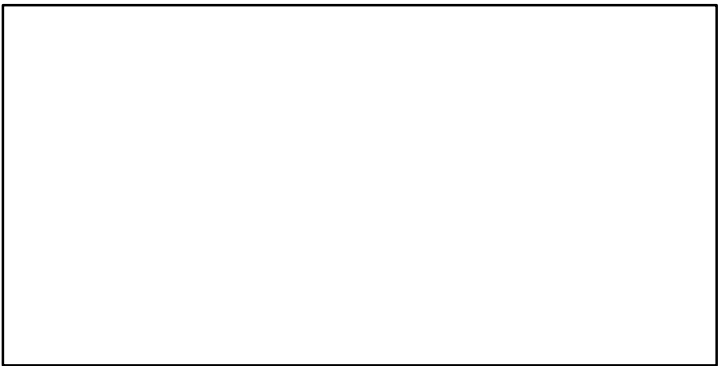


Haddock Iceland Grounds [HADICE]

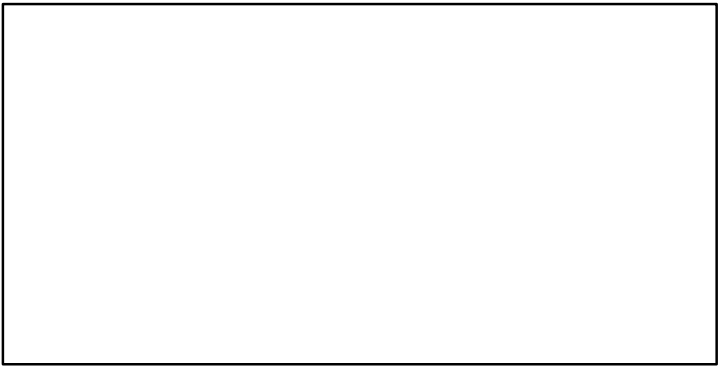
TC-MT, TL-MT, RecC\* (1977-2023-ICESIMP2024)



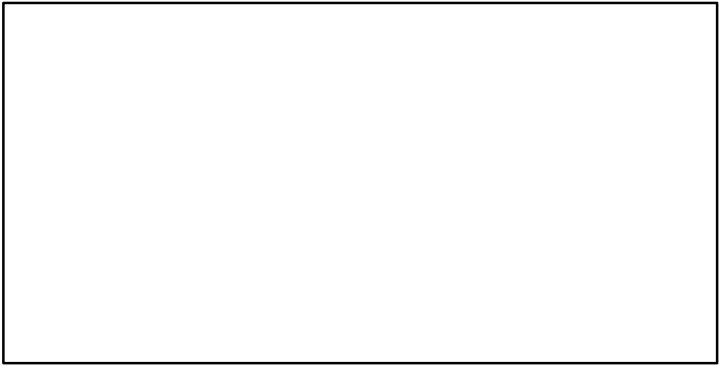
TAC\*, Cpair\*, Cadv\*



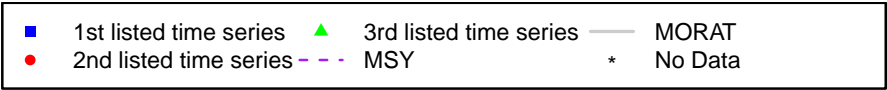
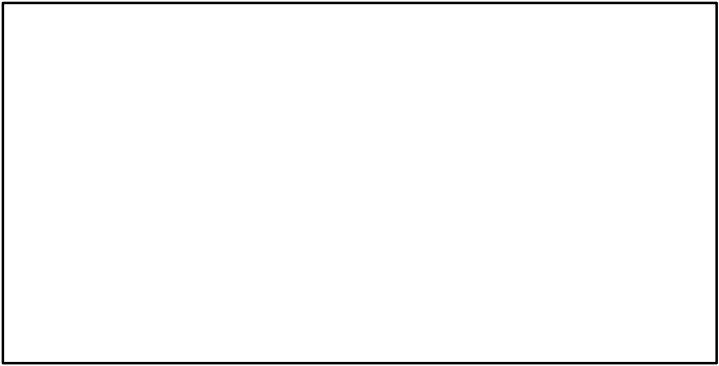
CPUE\*



EFFORT\*



CdivMSY\*



## Haddock North-East Arctic [HADNEAR]

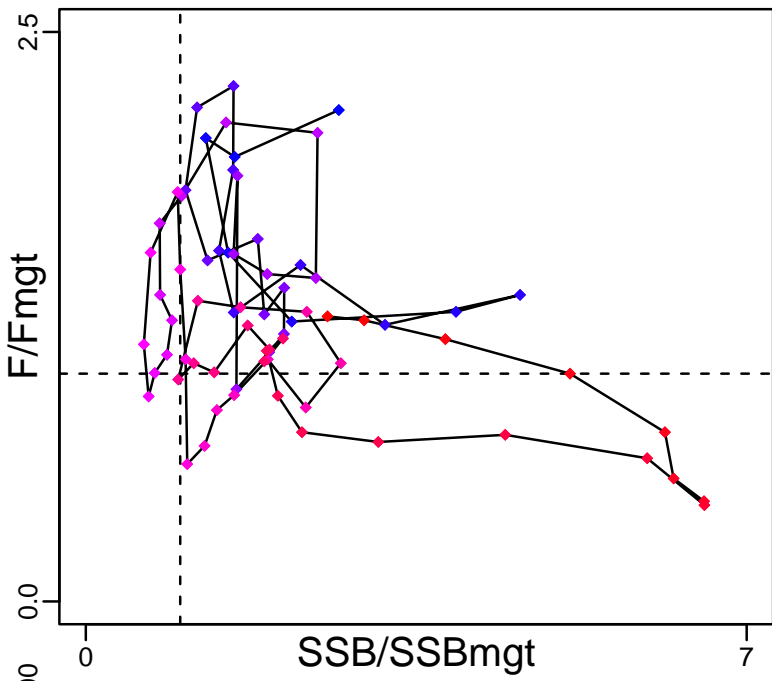
Metadata	
<b>Scientific Name</b>	Melanogrammus aeglefinus
<b>Current Assess ID</b>	AFWG-HADNEAR-1947-2021-ICESIMP2022
<b>Area</b>	North-East Arctic
<b>Management Authority</b>	International Council for the Exploration of the Sea
<b>Assessor</b>	Arctic Fisheries Working Group
<b>Asmts in RAM</b>	2012, 2013, 2014, 2015, 2016, 2017, 2019, 2021, 2020

Reference Points			
Type	ID	Asmt Year	Value
<b>TBmsy</b>	-	-	-
<b>SSBmsy</b>	-	-	-
<b>Fmsy</b>	Fmsy-1/yr	2017	0.35
<b>ERmsy</b>	-	-	-
<b>TBmgt</b>	-	-	-
<b>SSBmgt</b>	SSBmgt-MT	2021	80,000
<b>Fmgt</b>	Fmgt-1/yr	2021	0.35
<b>ERmgt</b>	-	-	-
<b>TB0</b>	-	-	-
<b>SSB0</b>	-	-	-
<b>MSY</b>	-	-	-
<b>M</b>	-	-	-
<b>TBlim</b>	-	-	-
<b>SSBlim</b>	SSBlim-MT	2021	50,000
<b>Flim</b>	Flim-1/yr	2021	0.77
<b>ERlim</b>	-	-	-

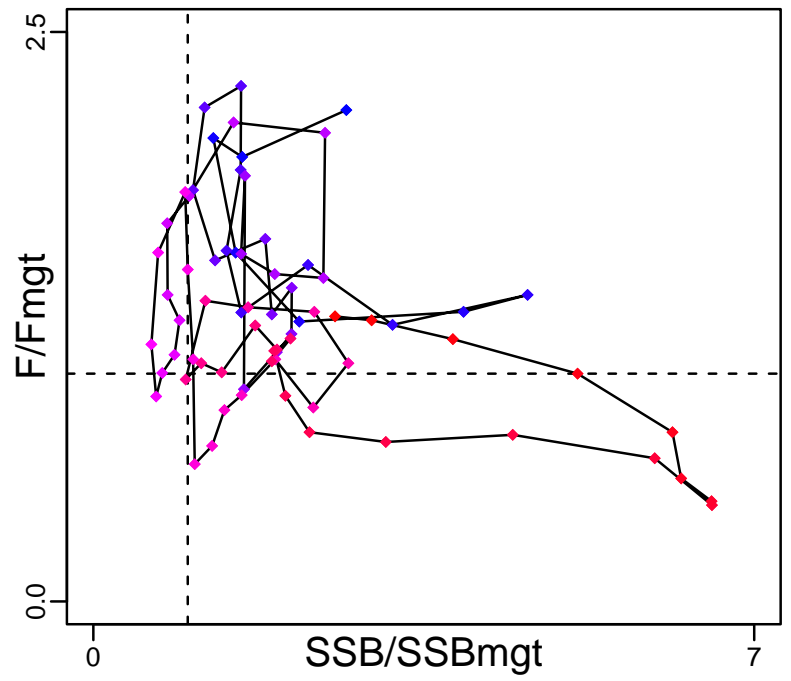
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
<b>TB</b>	TB-MT	2021	643,906	-	-
<b>SSB</b>	SSB-MT	2021	199,478	-	-
<b>TN</b>	-	-	-	-	-
<b>R</b>	R-E00	2021	158,028,000	-	3
<b>F</b>	F-1/yr	2021	0.438	-	4 to 7
<b>ER</b>	ER-calc-ratio	2021	0.253	-	-
<b>TC</b>	TC-MT	2021	182,468		
<b>TL</b>	TL-MT	2021	182,468		
<b>TB/TBmsy</b>	-	-	-		
<b>SSB/SSBmsy</b>	-	-	-		
<b>F/Fmsy</b>	F-1/yr/Fmsy-1/yr	2017	0.571		
<b>ER/ERmsy</b>	-	-	-		
<b>TB/TBmgt</b>	-	-	-		
<b>SSB/SSBmgt</b>	SSB-MT/SSBmgt-MT	2021	2.493		
<b>F/Fmgt</b>	F-1/yr/Fmgt-1/yr	2021	1.251		
<b>ER/ERmgt</b>	-	-	-		

# Haddock North-East Arctic [HADNEAR]

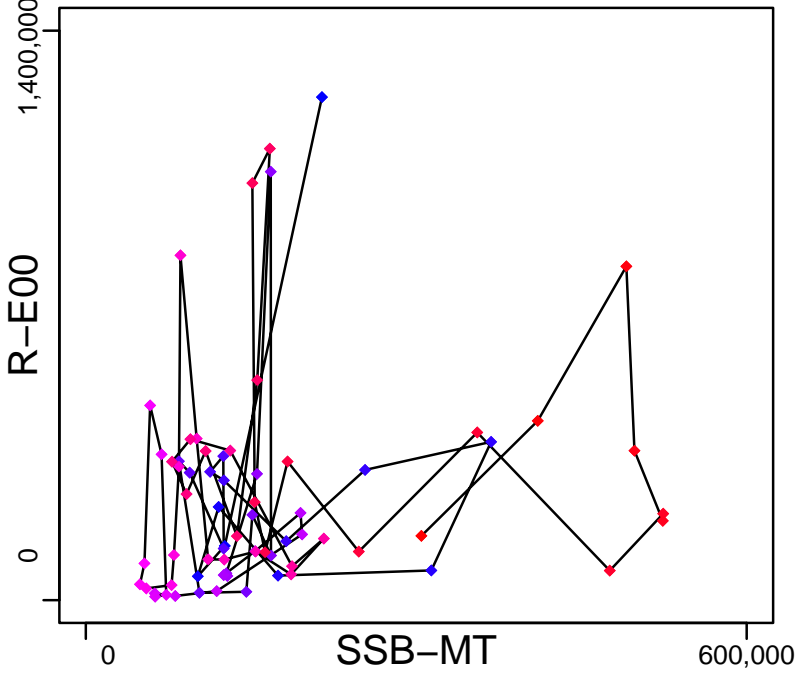
Kobe MSYpref (1947–2021–ICESIMP2022)



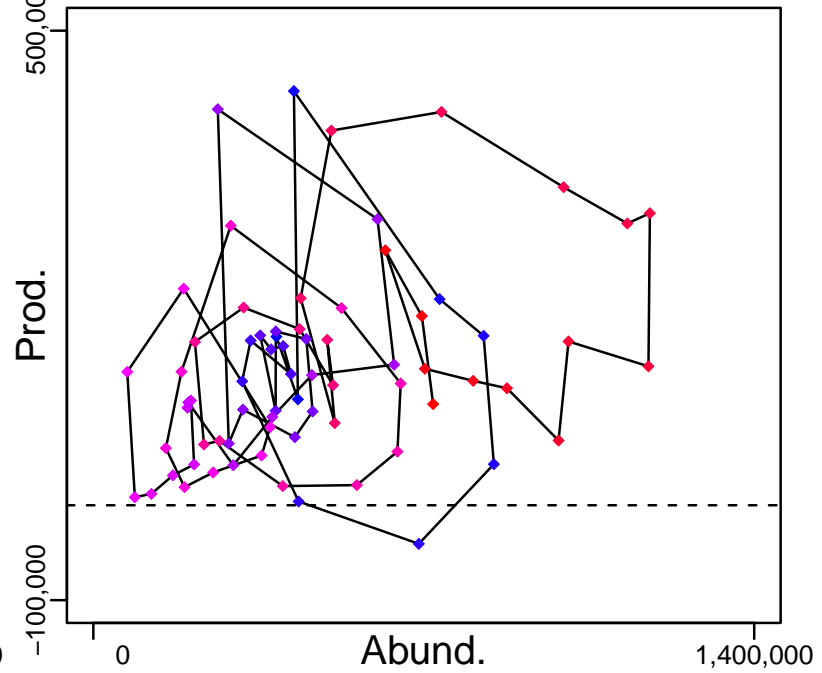
Kobe MGTpref (1947–2021–ICESIMP2022)



Spawner Recruit (1947–2021–ICESIMP2022)



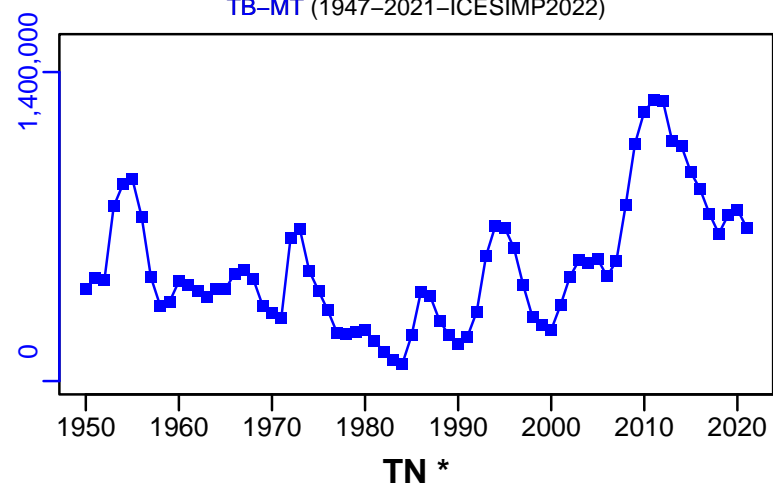
Production (1947–2021–ICESIMP2022)



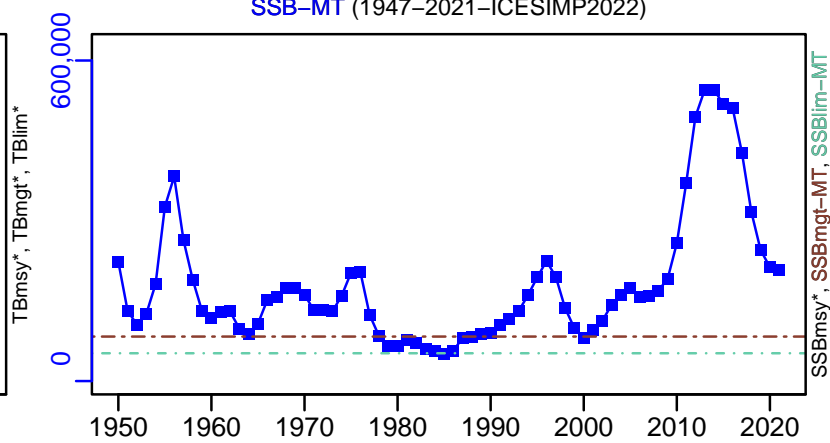
◆ Start Year ◆ End Year \* No Data

# Haddock North-East Arctic [HADNEAR]

TB-MT (1947-2021-ICESIMP2022)



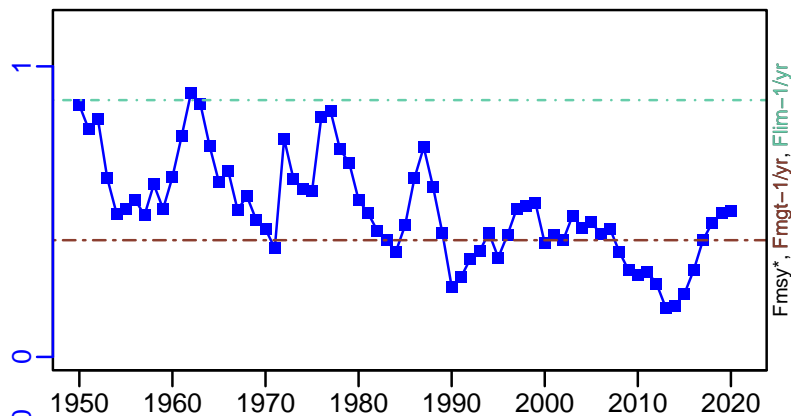
SSB-MT (1947-2021-ICESIMP2022)



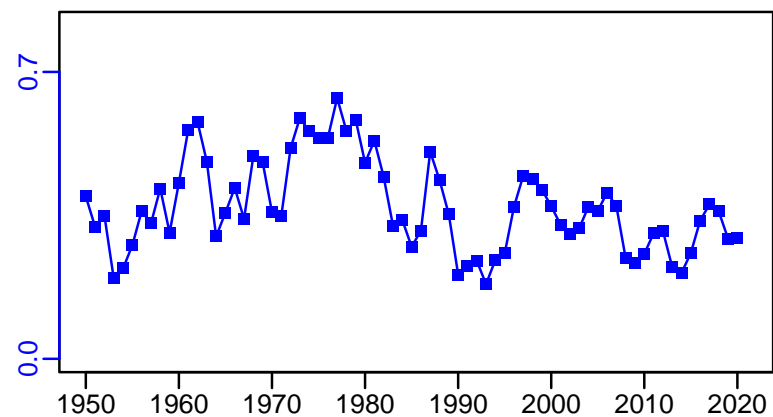
TN \*



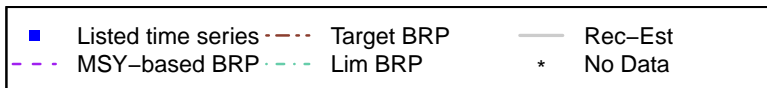
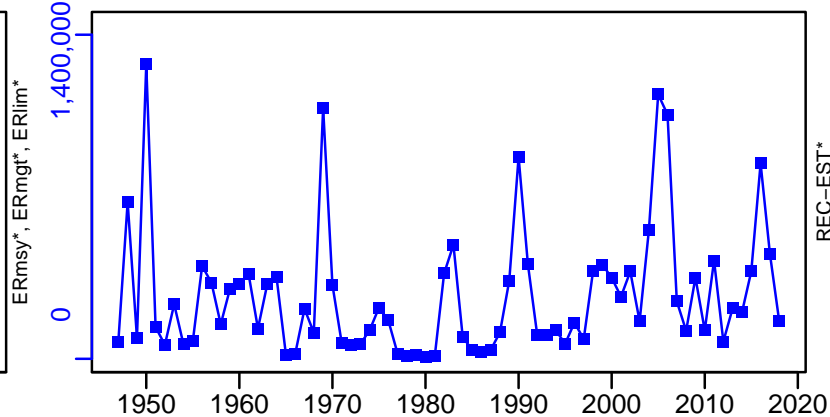
F-1/yr (1947-2021-ICESIMP2022)



ER-calc-ratio (1947-2021-ICESIMP2022)

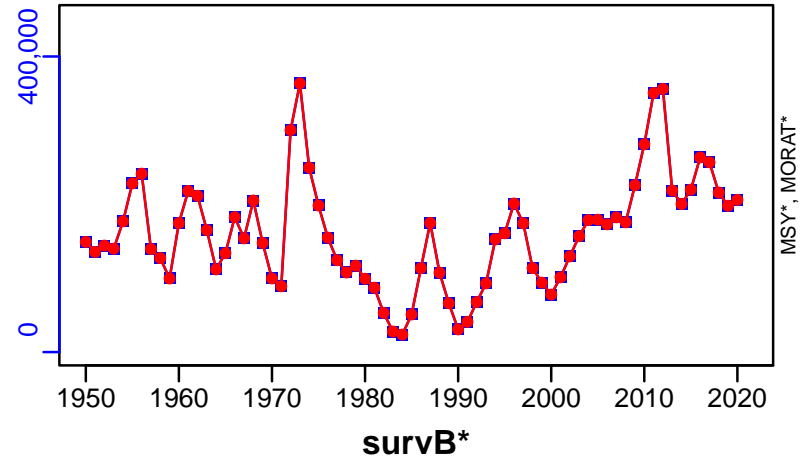


R-E00 (1947-2021-ICESIMP2022)

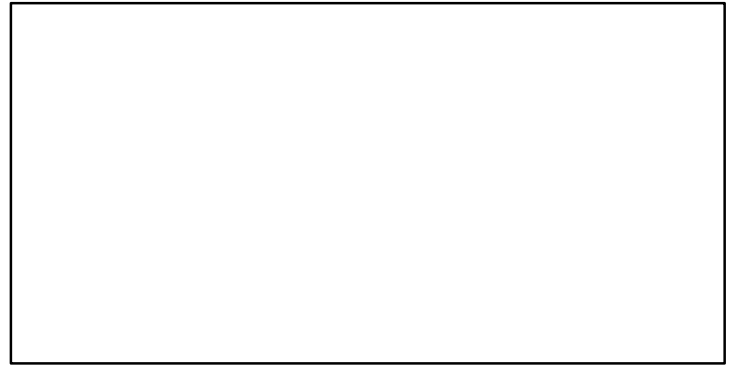


# Haddock North–East Arctic [HADNEAR]

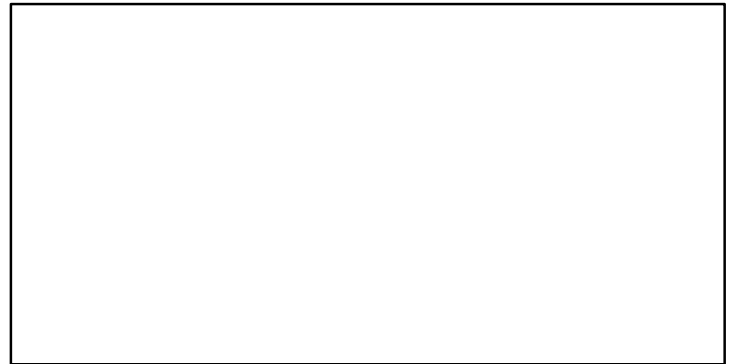
TC–MT, TL–MT, RecC\* (1947–2021–ICESIMP2022)



TAC\*, Cpair\*, Cadv\*



CPUE\*



EFFORT\*



CdivMSY\*



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

## Herring Iceland (Summer spawners) [HERRIsum]

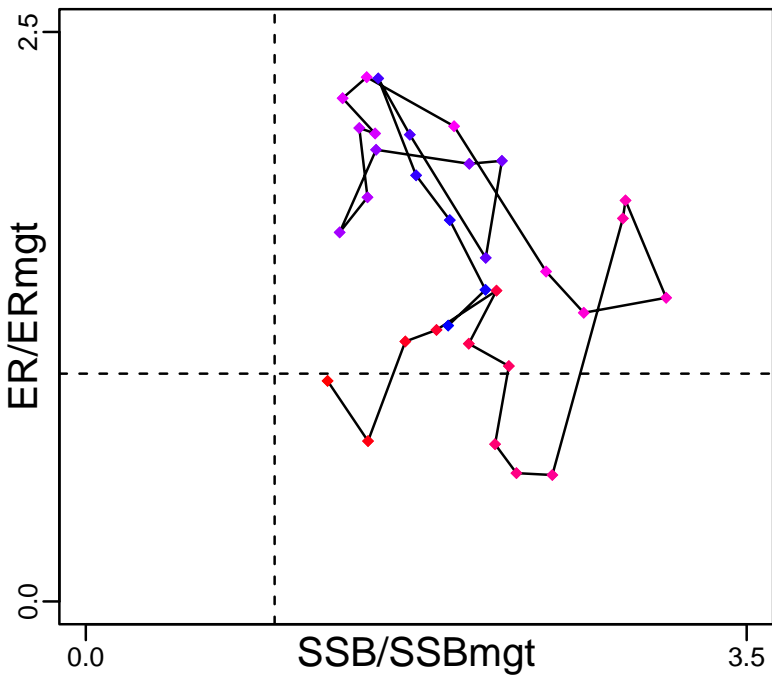
Metadata	
<b>Scientific Name</b>	Clupea harengus
<b>Current Assess ID</b>	NWWG-HERRIsum-1984-2023-ICESIMP2024
<b>Area</b>	Iceland (Summer spawners)
<b>Management Authority</b>	International Council for the Exploration of the Sea
<b>Assessor</b>	North-Western Working Group
<b>Asmts in RAM</b>	2011, 2013, 2014, 2016, 2017, 2018, 2019, 2023, 2015, 2021

Reference Points			
Type	ID	Asmt Year	Value
<b>TBmsy</b>	-	-	-
<b>SSBmsy</b>	-	-	-
<b>Fmsy</b>	Fmsy-1/yr	2016	0.22
<b>ERmsy</b>	-	-	-
<b>TBmgt</b>	-	-	-
<b>SSBmgt</b>	SSBmgt-MT	2023	$2 \times 10^5$
<b>Fmgt</b>	Fmgt-1/yr	2023	0.15
<b>ERmgt</b>	ERmgt-ratio	2019	0.15
<b>TB0</b>	-	-	-
<b>SSB0</b>	-	-	-
<b>MSY</b>	-	-	-
<b>M</b>	M-1/yr	2011	0.1
<b>TBlim</b>	-	-	-
<b>SSBlim</b>	SSBlim-MT	2023	$2 \times 10^5$
<b>Flim</b>	Flim-1/yr	2018	0.61
<b>ERlim</b>	-	-	-

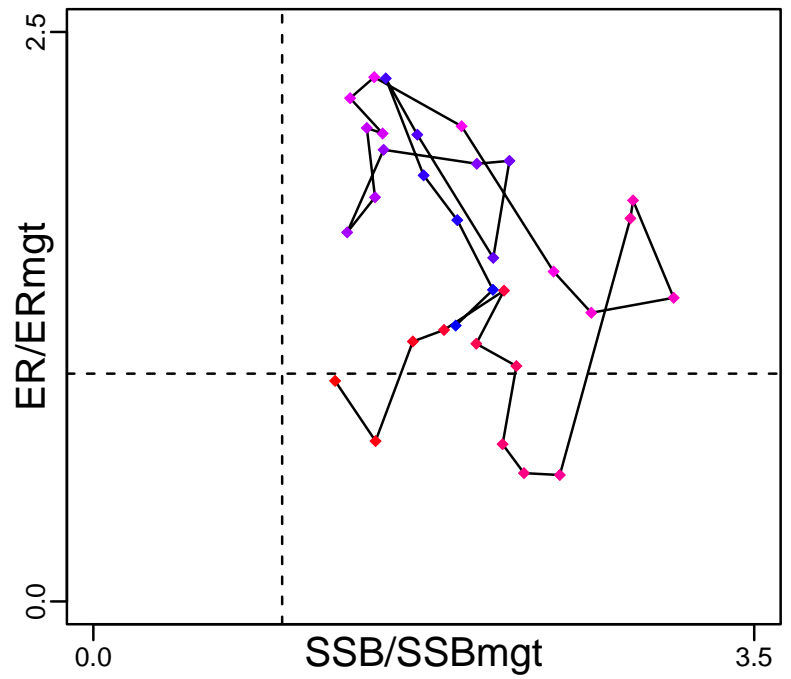
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
<b>TB</b>	TB-MT	2023	617,557	-	-
<b>SSB</b>	SSB-MT	2023	555,403	-	-
<b>TN</b>	-	-	-	-	-
<b>R</b>	R-E00	2023	481,676	-	3
<b>F</b>	F-1/yr	2019	0.175	-	5 to 10
<b>ER</b>	ER-ratio	2023	0.132	-	5 to 10
<b>TC</b>	TC-MT	2023	72,756		
<b>TL</b>	TL-MT	2023	72,756		
<b>TB/TBmsy</b>	-	-	-		
<b>SSB/SSBmsy</b>	-	-	-		
<b>F/Fmsy</b>	F-1/yr/Fmsy-1/yr	2016	0.995		
<b>ER/ERmsy</b>	-	-	-		
<b>TB/TBmgt</b>	-	-	-		
<b>SSB/SSBmgt</b>	SSB-MT/SSBmgt-MT	2023	2.777		
<b>F/Fmgt</b>	F-1/yr/Fmgt-1/yr	2016	0.995		
<b>ER/ERmgt</b>	-	-	-		

# Herring Iceland (Summer spawners) [HERRIsum]

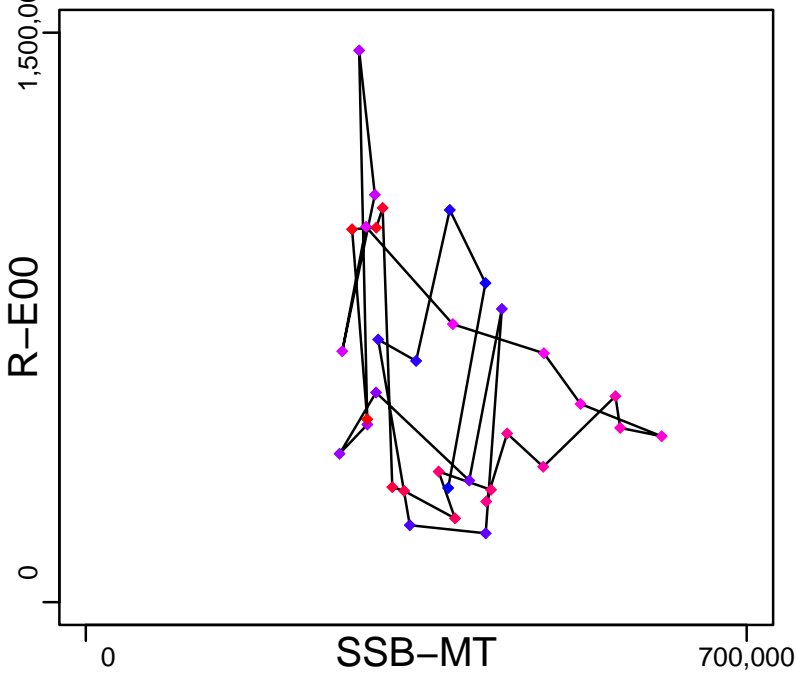
Kobe MSYpref (1984–2019–ICESIMP2021)



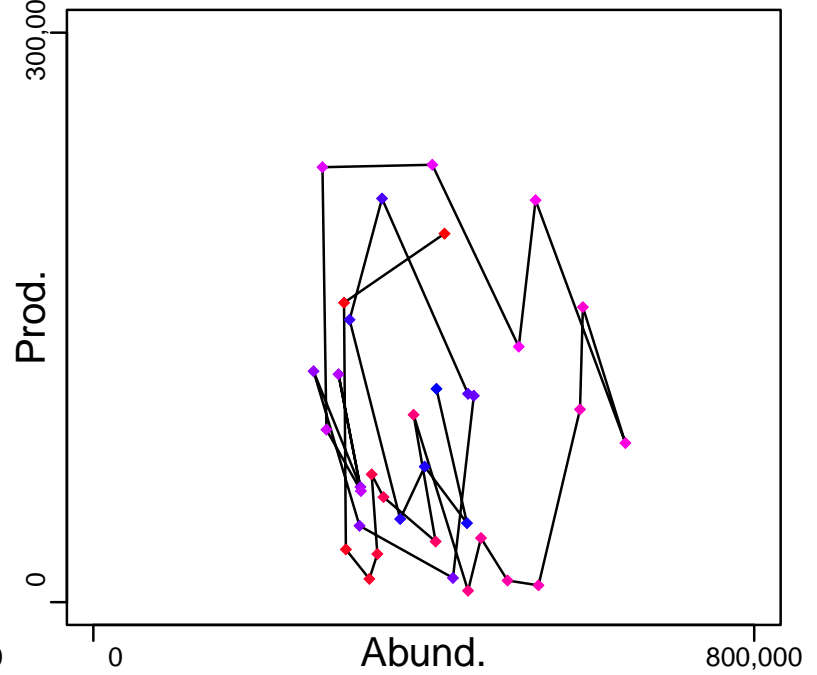
Kobe MGTpref (1984–2019–ICESIMP2021)



Spawner Recruit (1984–2023–ICESIMP2024)



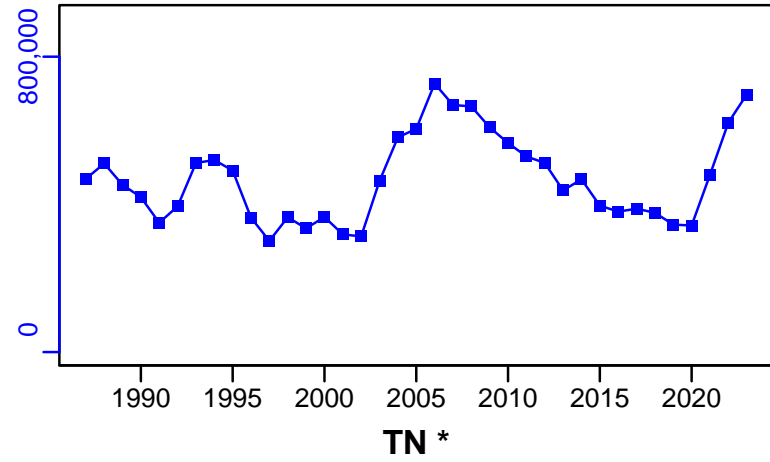
Production (1984–2023–ICESIMP2024)



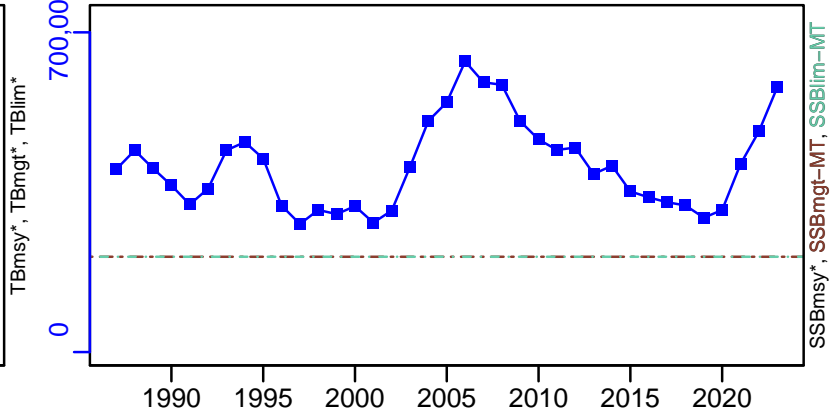
◆ Start Year ◆ End Year \* No Data

# Herring Iceland (Summer spawners) [HERRIsum]

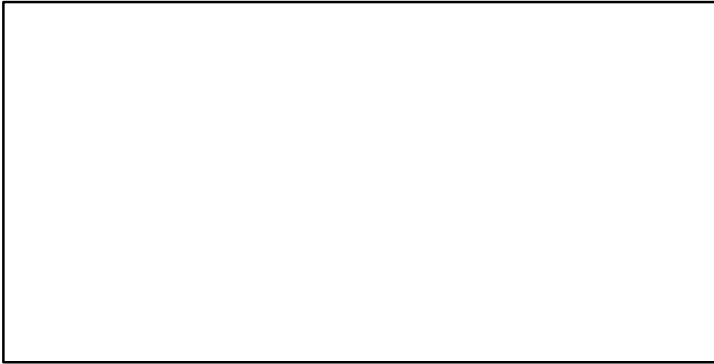
TB-MT (1984–2023–ICESIMP2024)



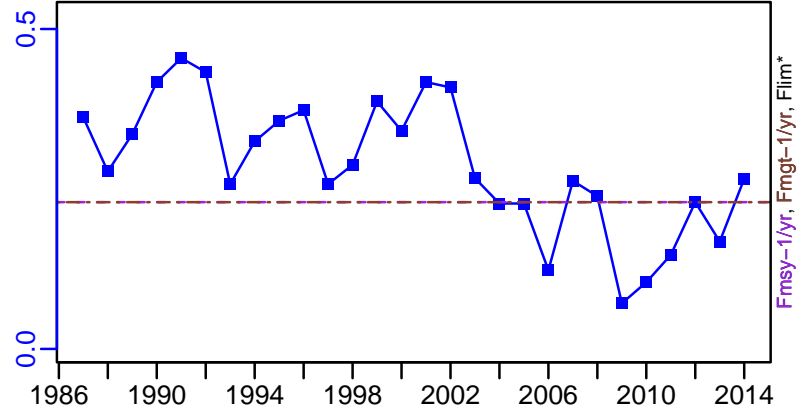
SSB-MT (1984–2023–ICESIMP2024)



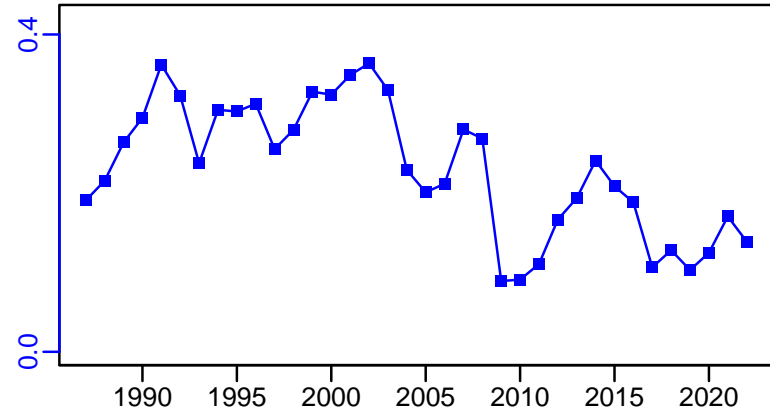
TN \*



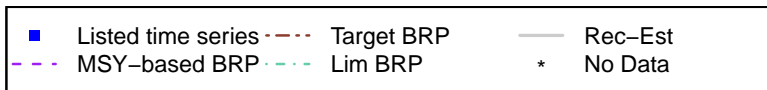
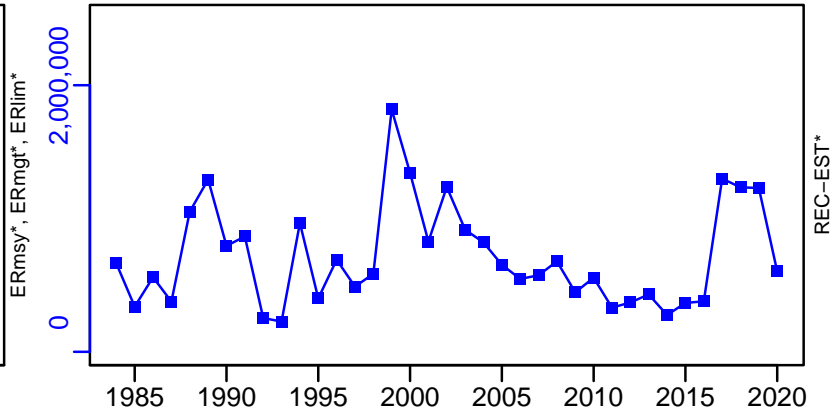
F-1/yr (1987–2015–ICESIMP2016)



ER-ratio (1984–2023–ICESIMP2024)



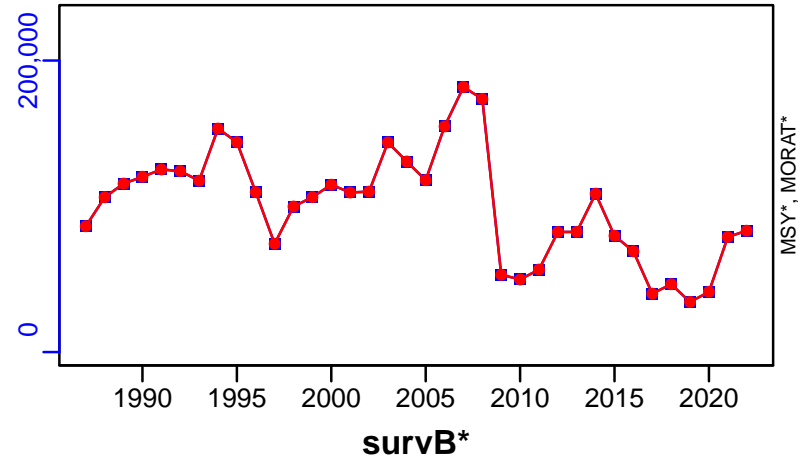
R-E00 (1984–2023–ICESIMP2024)



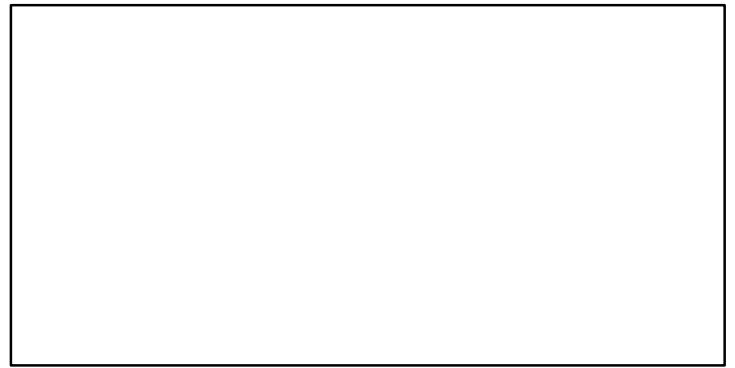


# Herring Iceland (Summer spawners) [HERRIsum]

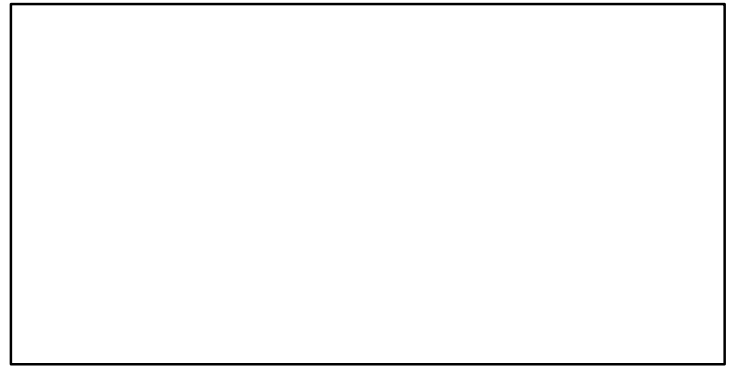
TC-MT, TL-MT, RecC\* (1984–2023–ICESIMP2024)



TAC\*, Cpair\*, Cadv\*



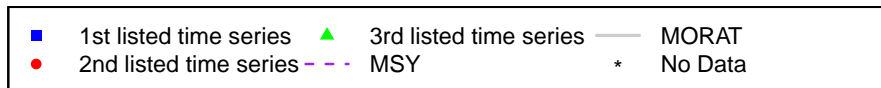
CPUE\*



EFFORT\*



CdivMSY\*



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

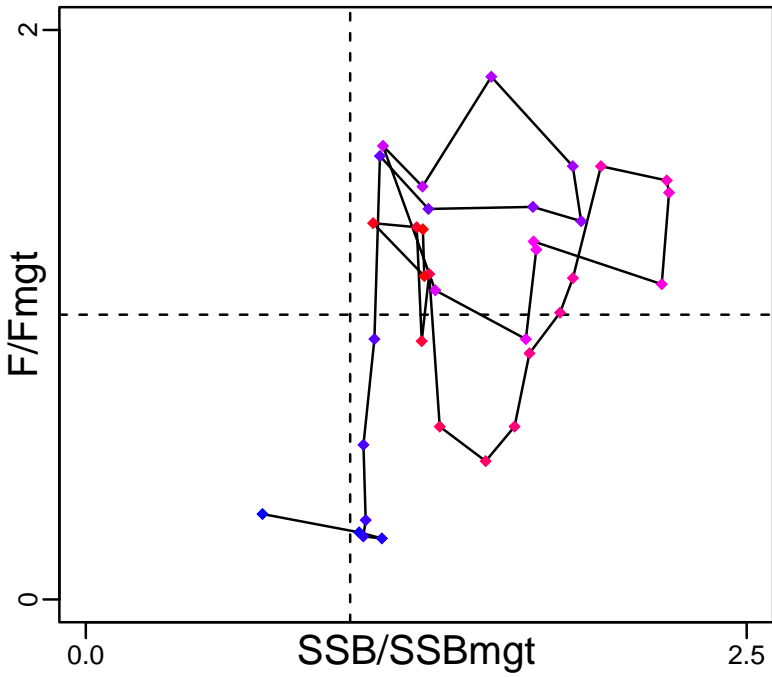
Metadata	
<b>Scientific Name</b>	Clupea harengus
<b>Current Assess ID</b>	WGWIDE-HERRNORSS-1986-2023-ICESIMP2024
<b>Area</b>	ICES 1-2-4a-5-14a (Norwegian Spring Spawners)
<b>Management Authority</b>	International Council for the Exploration of the Sea
<b>Assessor</b>	Working Group on Widely Distributed Stocks
<b>Asmts in RAM</b>	2014, 2016, 2017, 2019, 2023, 2013, 2015, 2020, 2021

Reference Points			
Type	ID	Asmt Year	Value
<b>TBmsy</b>	-	-	-
<b>SSBmsy</b>	-	-	-
<b>Fmsy</b>	Fmsy-1/yr	2021	0.157
<b>ERmsy</b>	-	-	-
<b>TBmgt</b>	-	-	-
<b>SSBmgt</b>	SSBmgt-MT	2023	3,184,000
<b>Fmgt</b>	Fmgt-1/yr	2023	0.14
<b>ERmgt</b>	-	-	-
<b>TB0</b>	-	-	-
<b>SSB0</b>	-	-	-
<b>MSY</b>	-	-	-
<b>M</b>	-	-	-
<b>TBlim</b>	-	-	-
<b>SSBlim</b>	SSBlim-MT	2023	2,500,000
<b>Flim</b>	Flim-1/yr	2023	0.291
<b>ERlim</b>	-	-	-

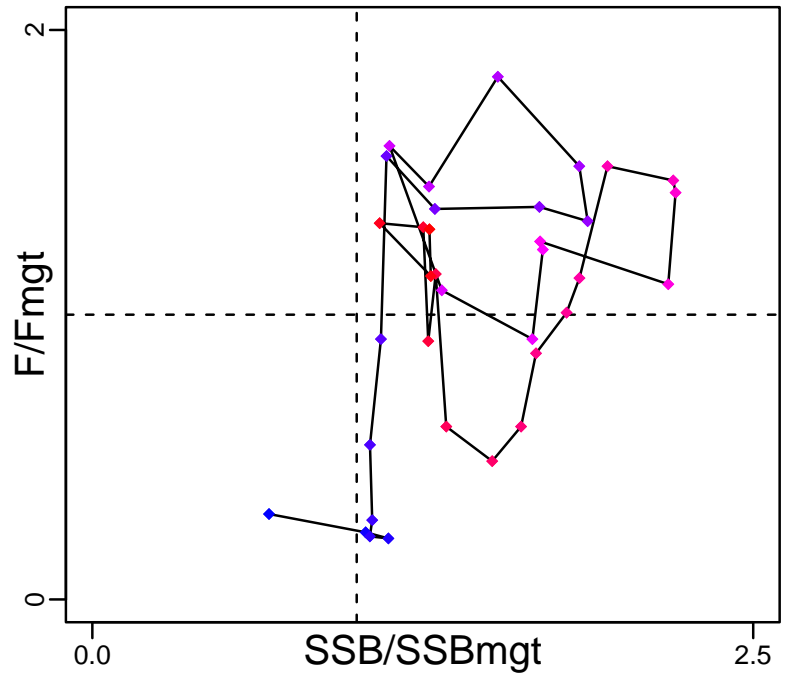
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
<b>TB</b>	TB-MT	2023	4,671,000	-	-
<b>SSB</b>	SSB-MT	2023	3,664,000	-	-
<b>TN</b>	-	-	-	-	-
<b>R</b>	R-E00	2023	10,619,000	-	2
<b>F</b>	F-1/yr	2023	0.182	-	5-12+
<b>ER</b>	ER-calc-ratio	2023	0.166	-	-
<b>TC</b>	TC-MT	2023	813,834		
<b>TL</b>	TL-MT	2023	813,834		
<b>TB/TBmsy</b>	-	-	-		
<b>SSB/SSBmsy</b>	-	-	-		
<b>F/Fmsy</b>	F-1/yr/Fmsy-1/yr	2021	1.197		
<b>ER/ERmsy</b>	-	-	-		
<b>TB/TBmgt</b>	-	-	-		
<b>SSB/SSBmgt</b>	SSB-MT/SSBmgt-MT	2023	1.151		
<b>F/Fmgt</b>	F-1/yr/Fmgt-1/yr	2023	1.3		
<b>ER/ERmgt</b>	-	-	-		

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

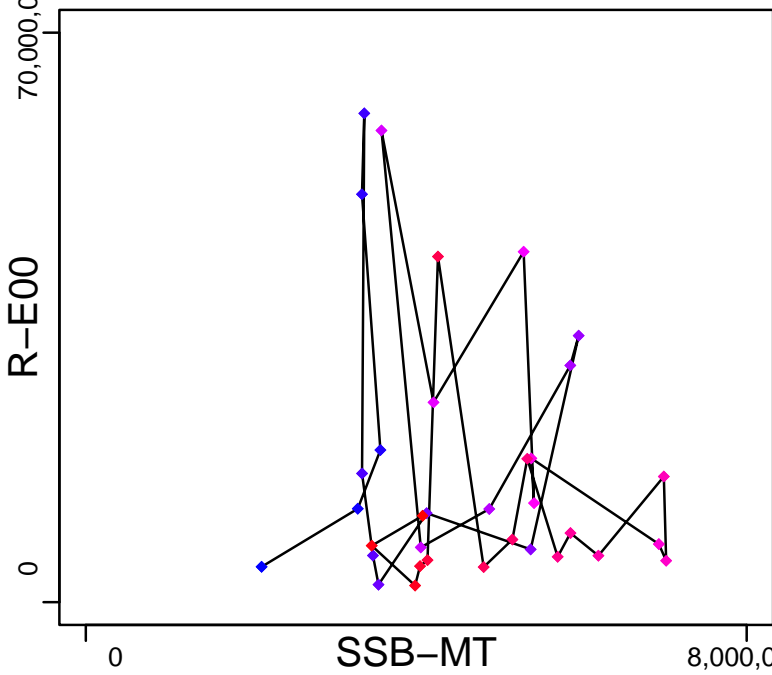
Kobe MSYpref (1986-2023-ICESIMP2024)



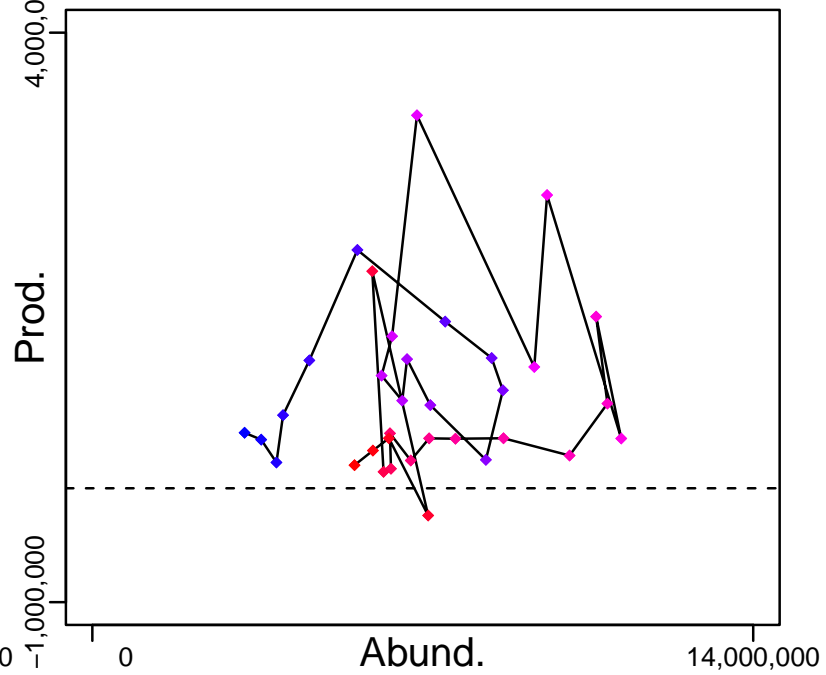
Kobe MGTpref (1986-2023-ICESIMP2024)



Spawner Recruit (1986-2023-ICESIMP2024)



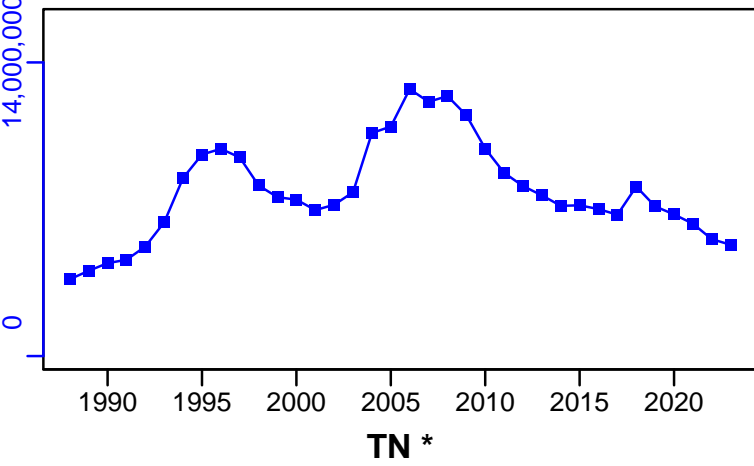
Production (1986-2023-ICESIMP2024)



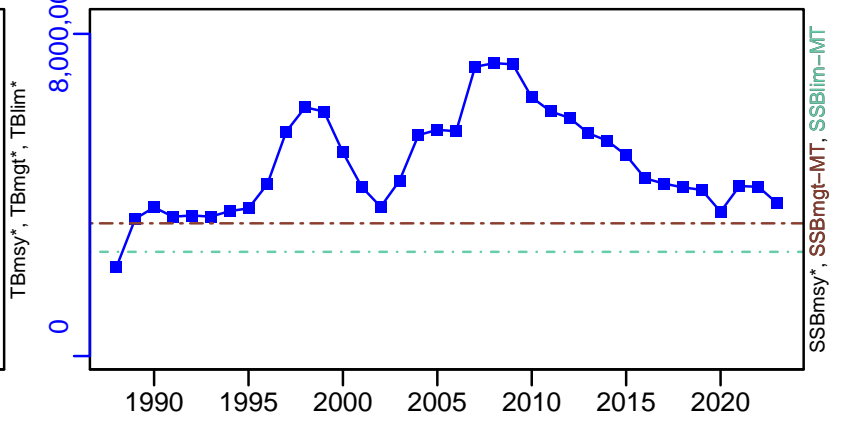
◆ Start Year ◆ End Year \* No Data

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

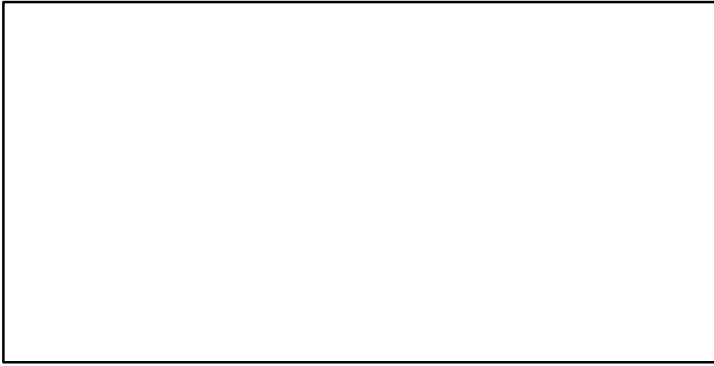
TB-MT (1986-2023-ICESIMP2024)



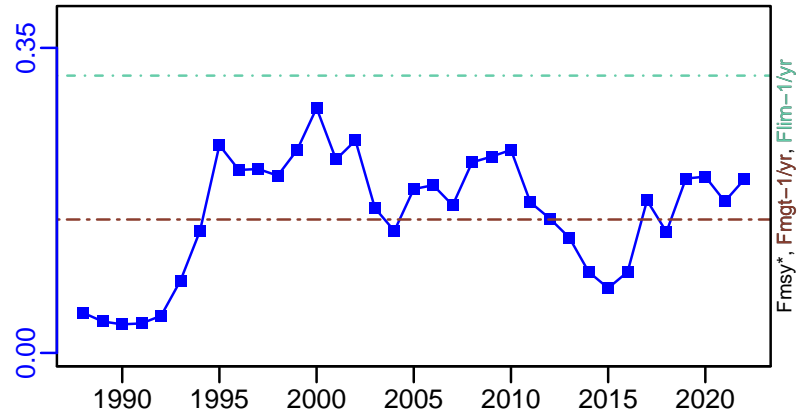
SSB-MT (1986-2023-ICESIMP2024)



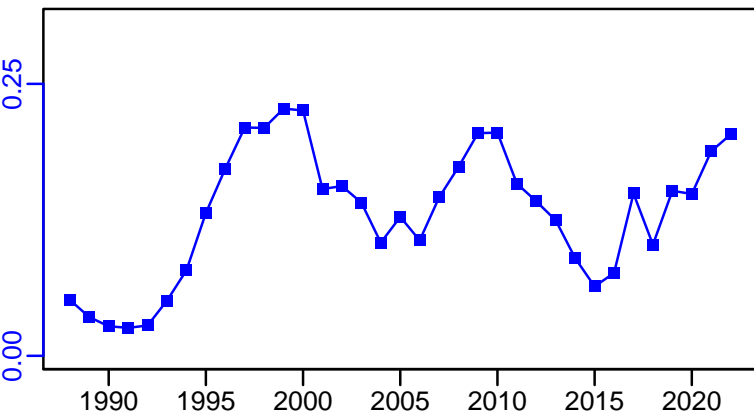
TN \*



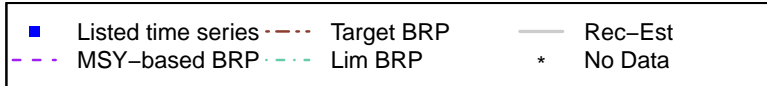
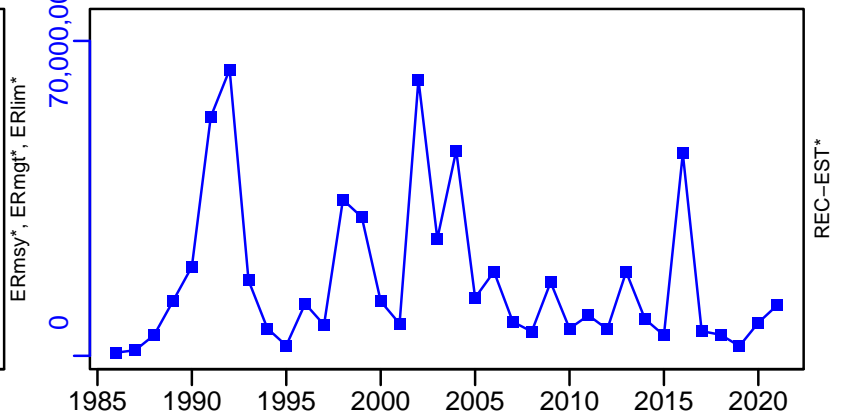
F-1/yr (1986-2023-ICESIMP2024)



ER-calc-ratio (1986-2023-ICESIMP2024)

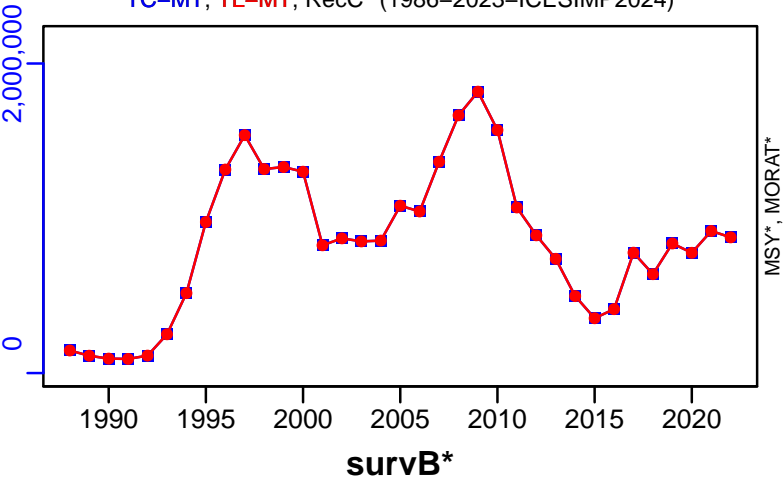


R-E00 (1986-2023-ICESIMP2024)



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

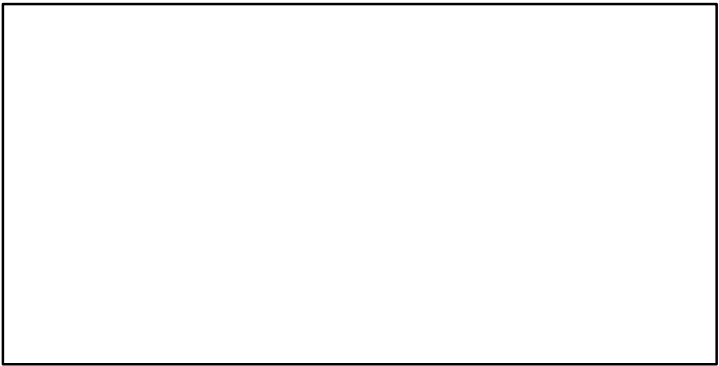
TC–MT, TL–MT, RecC\* (1986–2023–ICESIMP2024)



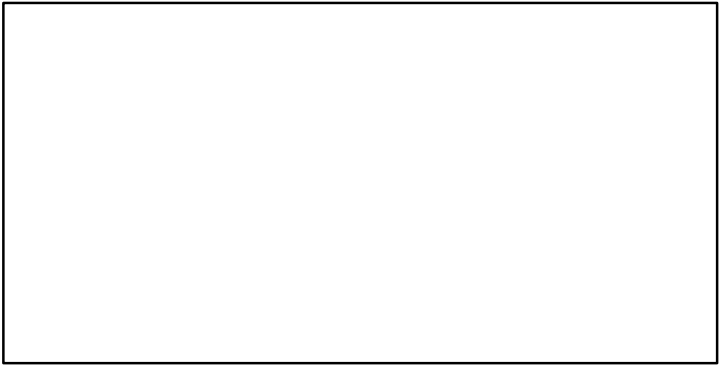
TAC\*, Cpair\*, Cadv\*



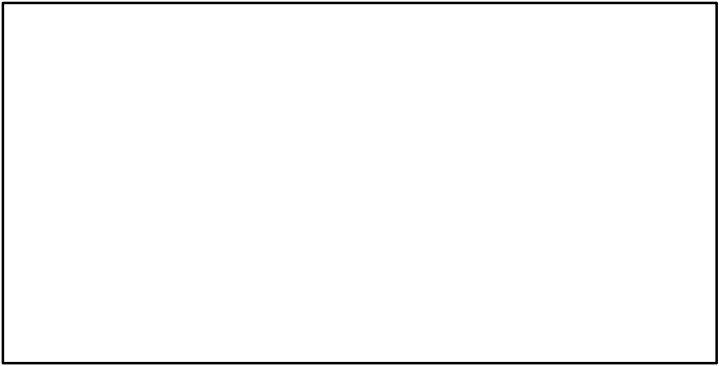
CPUE\*



EFFORT\*



CdivMSY\*



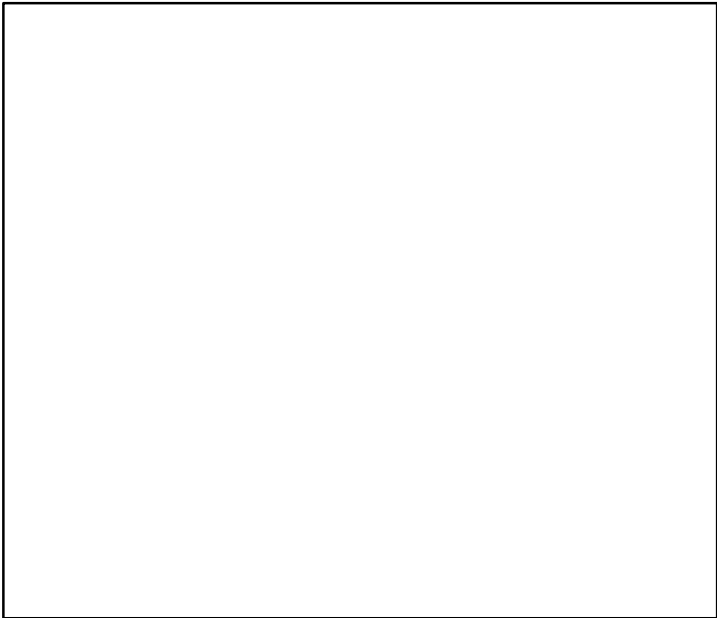
## Ling North-East Arctic [LINGI-II]

Metadata	
<b>Scientific Name</b>	Molva molva
<b>Current Assess ID</b>	WGDEEP-LINGI-II-1988-2020-ICESIMP2021-2
<b>Area</b>	North-East Arctic
<b>Management Authority</b>	International Council for the Exploration of the Sea
<b>Assessor</b>	Working Group on the Biology and Assessment of Deep-Sea Fisheries Resources
<b>Asmts in RAM</b>	2014, 2016, 2018, 2020

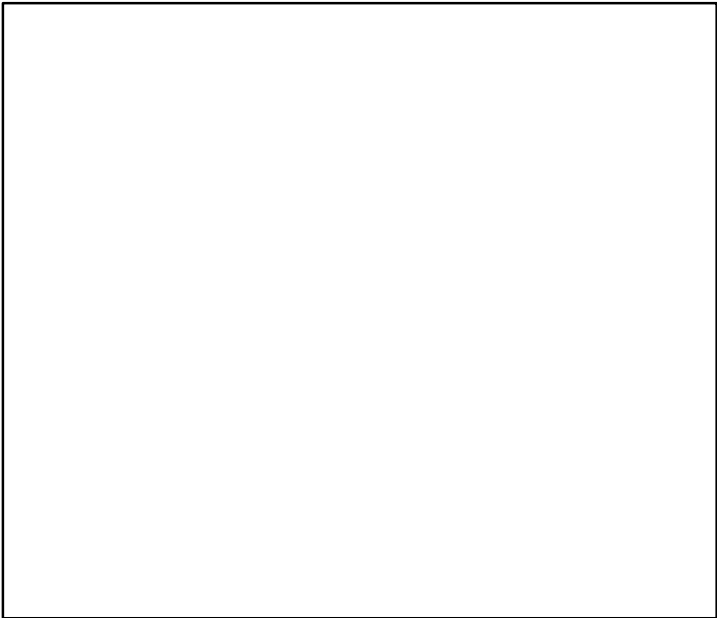
Reference Points			
Type	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	-	-	-
Fmsy	-	-	-
ERmsy	-	-	-
TBmgt	-	-	-
SSBmgt	-	-	-
Fmgt	-	-	-
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	-	-	-
M	-	-	-
TBlim	-	-	-
SSBlim	-	-	-
Flim	-	-	-
ERlim	-	-	-

Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	-	-	-	-	-
SSB	SSB-index	2014	99	Both	-
TN	-	-	-	-	-
R	-	-	-	-	-
F	-	-	-	-	-
ER	-	-	-	-	-
TC	TC-MT	2020	9560		
TL	TL-MT	2018	11,613		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

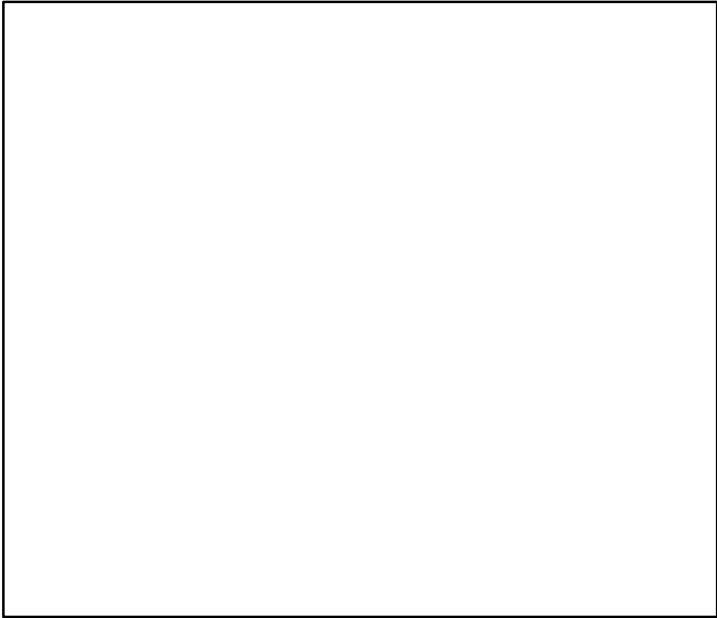
Kobe MSY\*



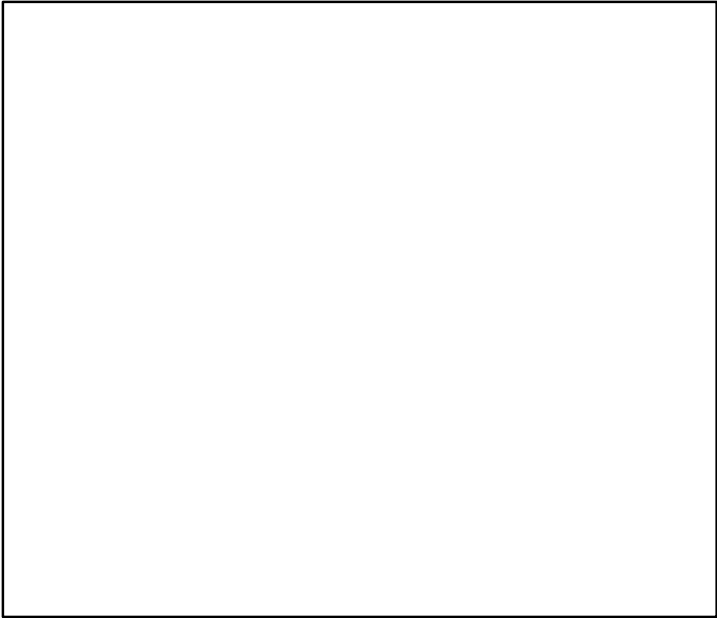
Kobe MGT\*



Spawner Recruit\*



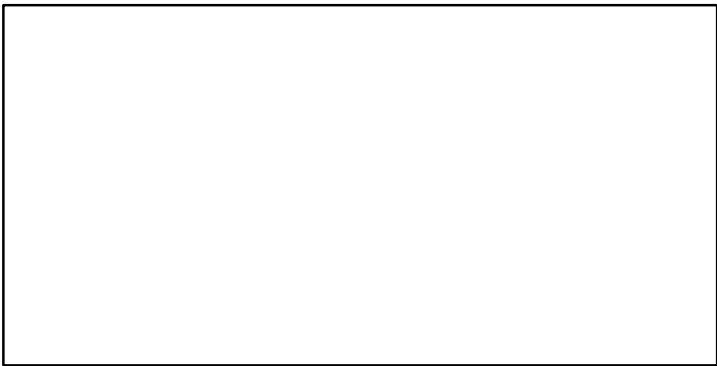
Production\*



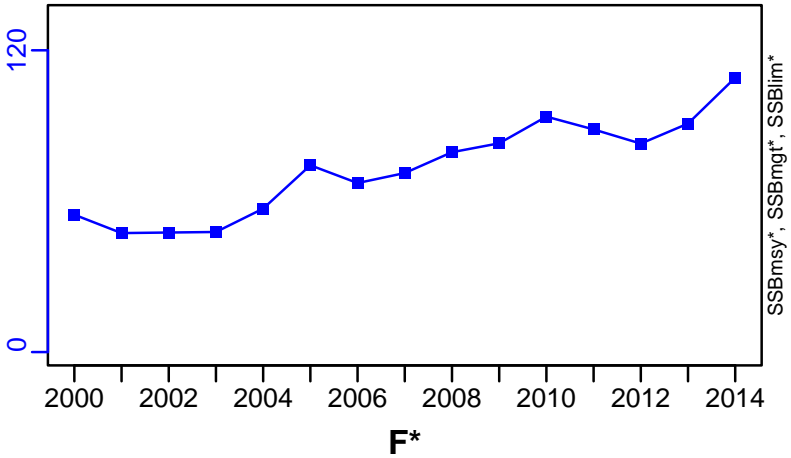
◆ Start Year   ◆ End Year   \* No Data

Ling North-East Arctic [LINGI-II]

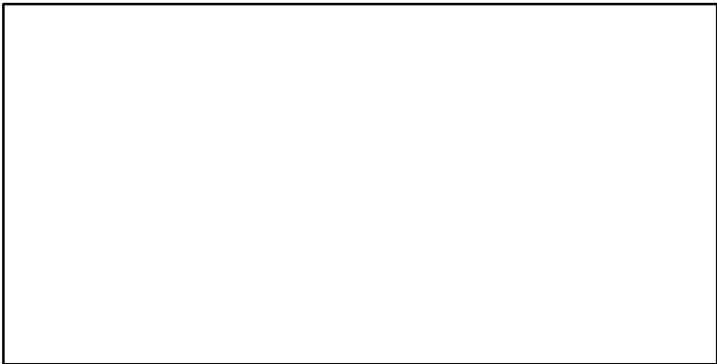
TB\*



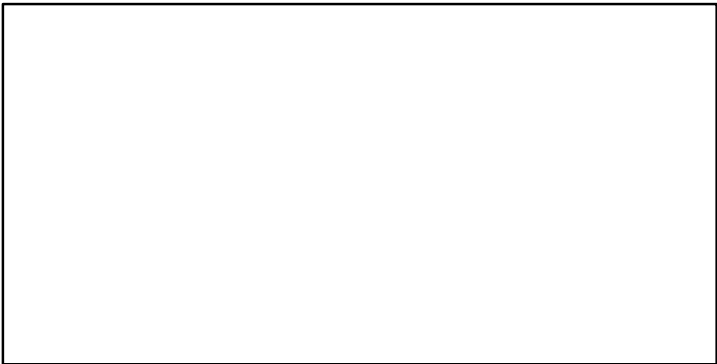
SSB-index (1988–2014–ICESIMP2018)



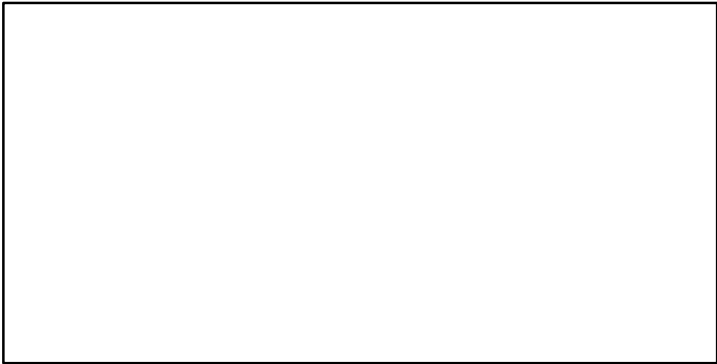
TN \*



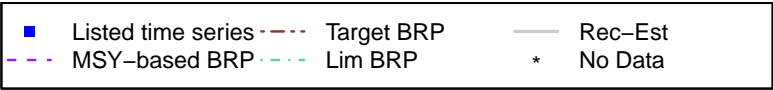
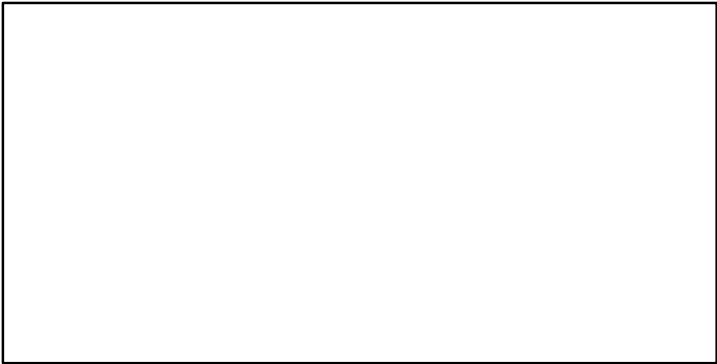
F\*



ER\*



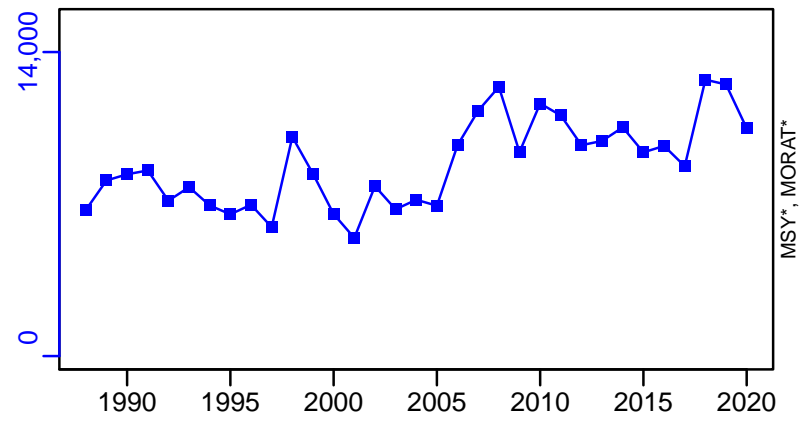
Recruits\*





# Ling North-East Arctic [LINGI-II]

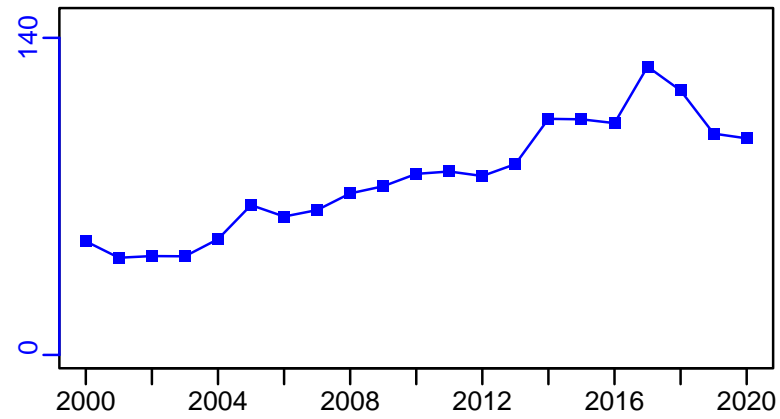
TC-MT, TL\*, RecC\* (1988-2020-ICESIMP2021-2)



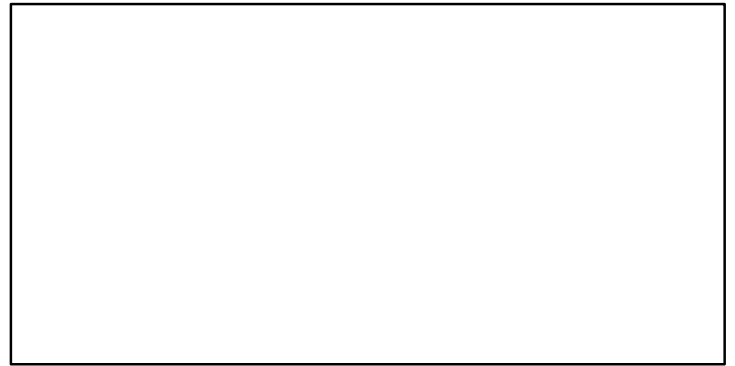
TAC\*, Cpair\*, Cadv\*



survB-index (1988-2020-ICESIMP2021-2)



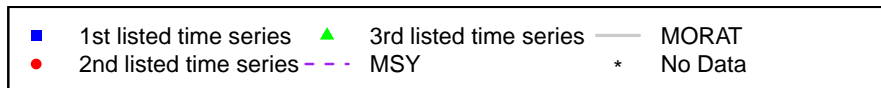
CPUE\*



EFFORT\*



CdivMSY\*



## Ling Iceland Grounds [LINGVa]

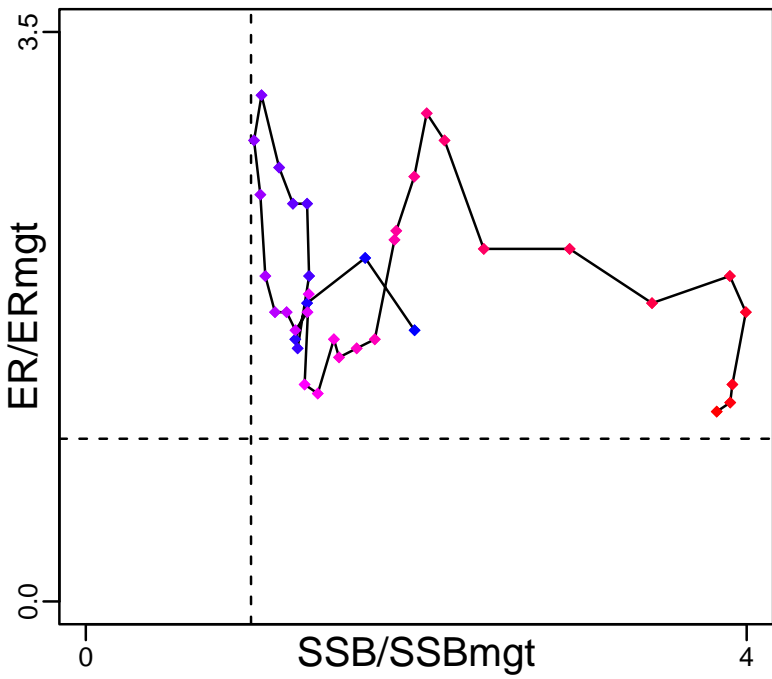
Metadata	
<b>Scientific Name</b>	Molva molva
<b>Current Assess ID</b>	WGDEEP-LINGVa-1982-2021-ICESIMP2021-2
<b>Area</b>	Iceland Grounds
<b>Management Authority</b>	International Council for the Exploration of the Sea
<b>Assessor</b>	Working Group on the Biology and Assessment of Deep-Sea Fisheries Resources
<b>Asmts in RAM</b>	2014, 2017, 2018, 2019, 2015, 2016, 2020, 2021

Reference Points			
Type	ID	Asmt Year	Value
<b>TBmsy</b>	-	-	-
<b>SSBmsy</b>	-	-	-
<b>Fmsy</b>	Fmsy-1/yr	2016	0.24
<b>ERmsy</b>	-	-	-
<b>TBmgt</b>	-	-	-
<b>SSBmgt</b>	SSBmgt-MT	2019	9930
<b>Fmgt</b>	Fmgt-1/yr	2016	0.24
<b>ERmgt</b>	ERmgt-ratio	2019	0.18
<b>TB0</b>	-	-	-
<b>SSB0</b>	-	-	-
<b>MSY</b>	-	-	-
<b>M</b>	-	-	-
<b>TBlim</b>	-	-	-
<b>SSBlim</b>	SSBlim-MT	2021	7090
<b>Flim</b>	-	-	-
<b>ERlim</b>	-	-	-

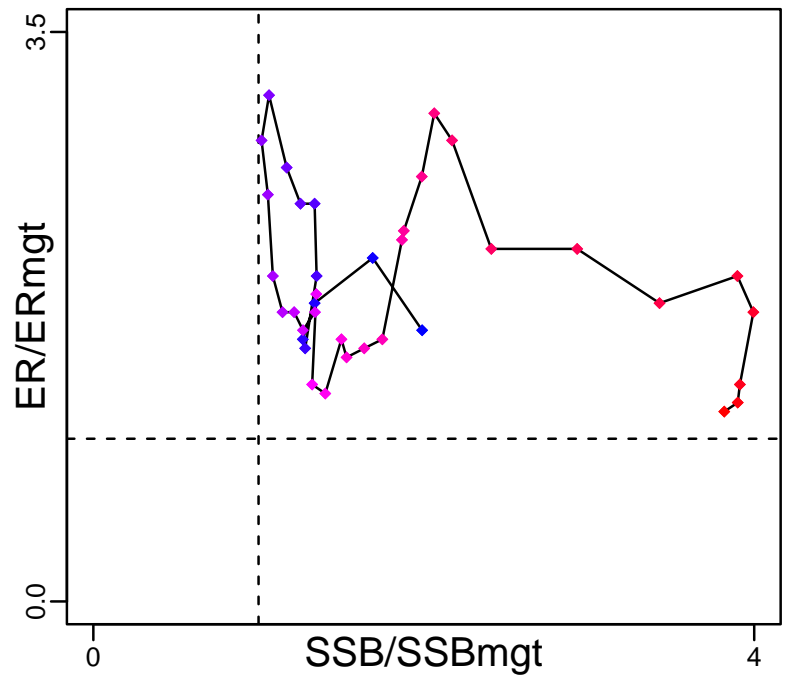
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
<b>TB</b>	TB-MT	2016	56,100	Both	-
<b>SSB</b>	SSB-MT	2021	25,700	-	-
<b>TN</b>	-	-	-	-	-
<b>R</b>	R-E00	2021	3830	-	3
<b>F</b>	F-1/yr	2016	0.28	-	-
<b>ER</b>	ER-ratio	2021	0.264	-	-
<b>TC</b>	TC-MT	2021	7060		
<b>TL</b>	TL-MT	2021	7060		
<b>TB/TBmsy</b>	-	-	-		
<b>SSB/SSBmsy</b>	-	-	-		
<b>F/Fmsy</b>	F-1/yr/Fmsy-1/yr	2016	1.167		
<b>ER/ERmsy</b>	-	-	-		
<b>TB/TBmgt</b>	-	-	-		
<b>SSB/SSBmgt</b>	SSB-MT/SSBmgt-MT	2019	3.671		
<b>F/Fmgt</b>	F-1/yr/Fmgt-1/yr	2016	1.167		
<b>ER/ERmgt</b>	-	-	-		

# Ling Iceland Grounds [LINGVa]

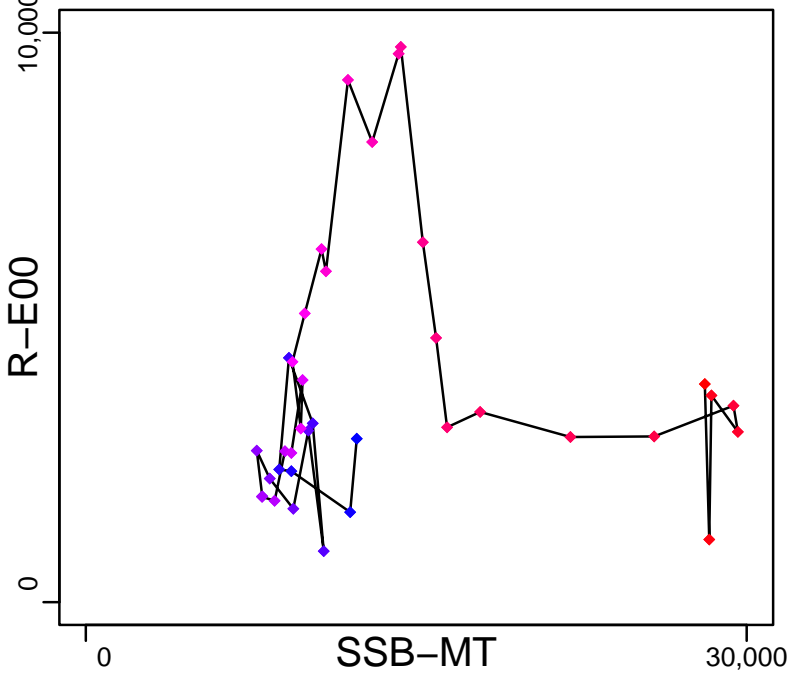
Kobe MSYpref (1979–2019–ICESIMP2021)



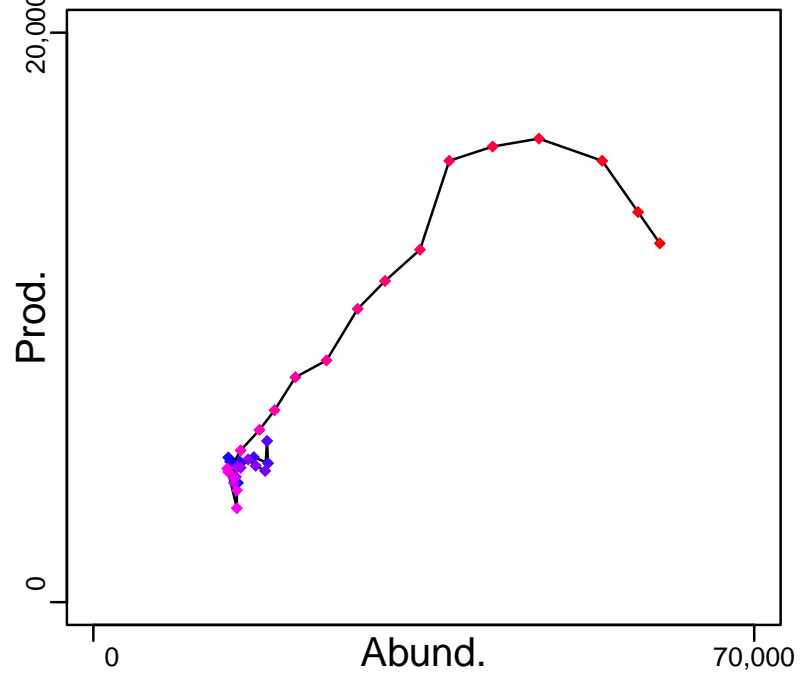
Kobe MGTpref (1979–2019–ICESIMP2021)



Spawner Recruit (1982–2021–ICESIMP2021–2)



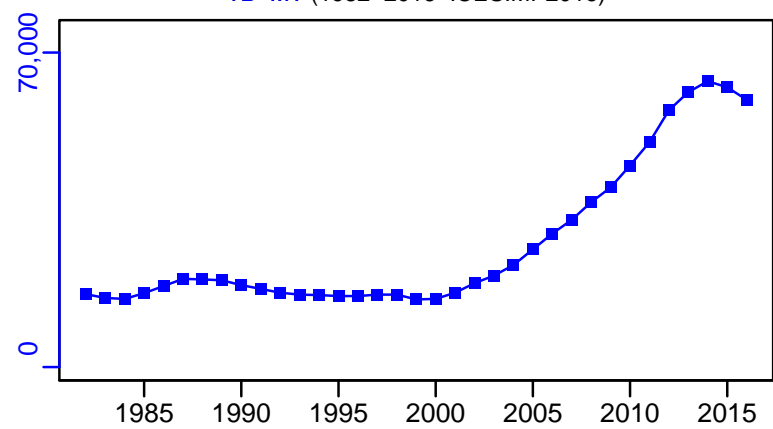
Production (1982–2016–ICESIMP2016)



◆ Start Year ◆ End Year \* No Data

# Ling Iceland Grounds [LINGVa]

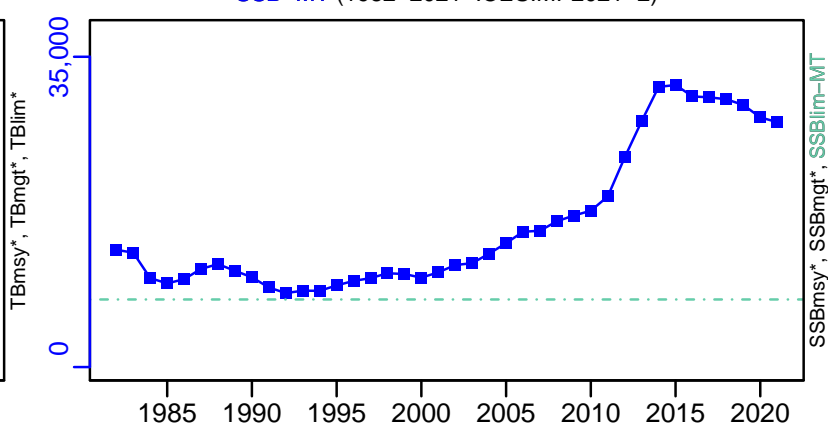
TB-MT (1982–2016–ICESIMP2016)



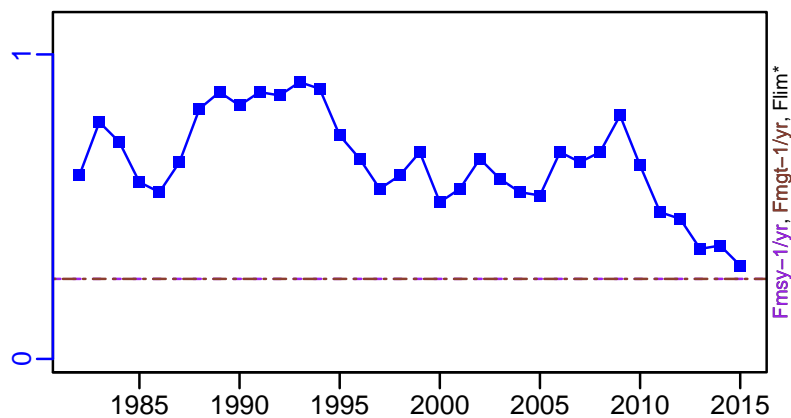
TN \*



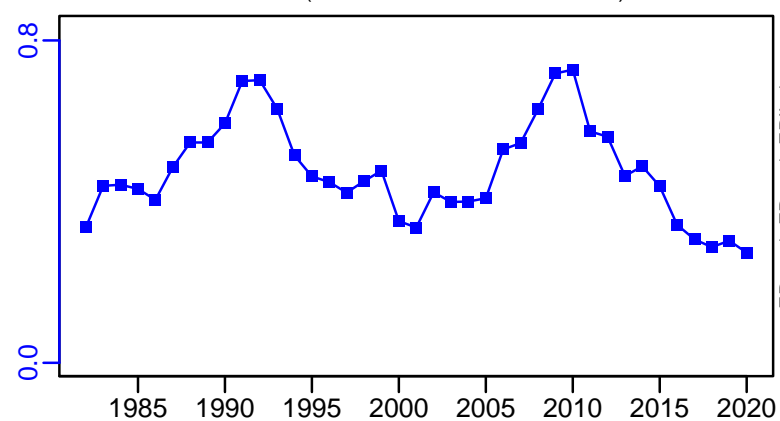
SSB-MT (1982–2021–ICESIMP2021–2)



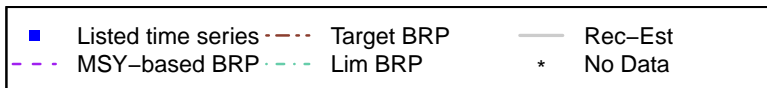
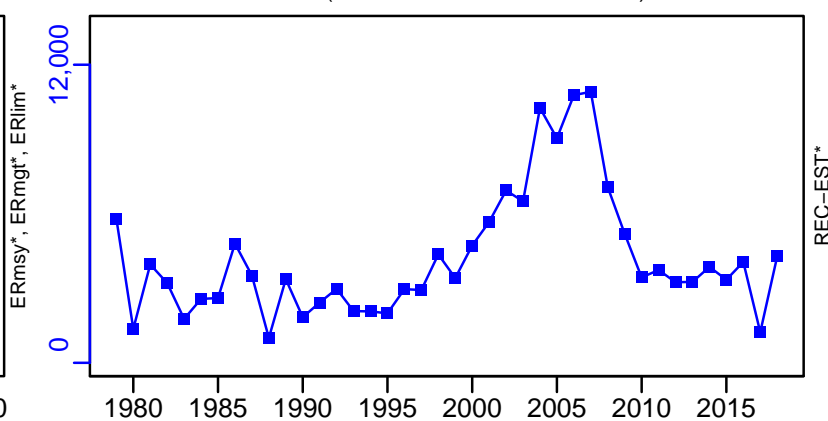
F-1/yr (1982–2016–ICESIMP2016)



ER-ratio (1982–2021–ICESIMP2021–2)

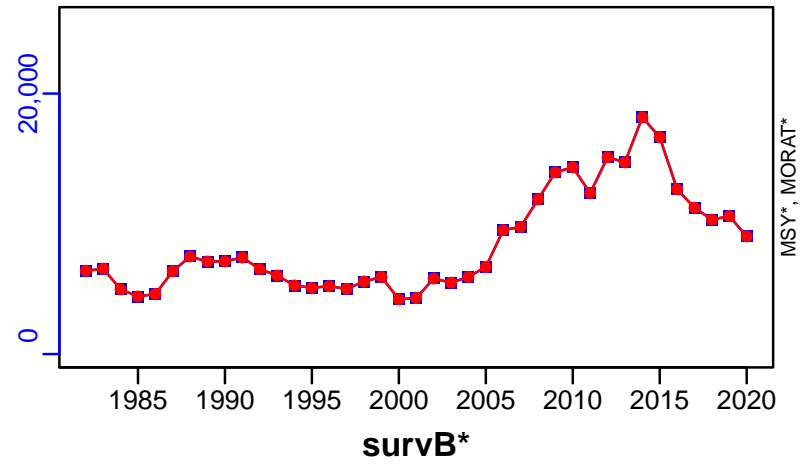


R-E00 (1982–2021–ICESIMP2021–2)

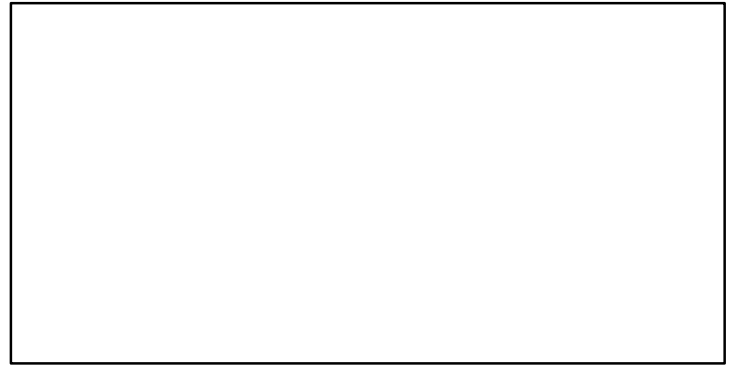


# Ling Iceland Grounds [LINGVa]

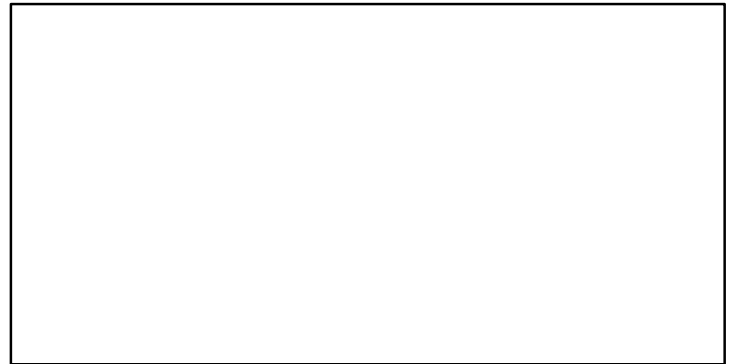
TC-MT, TL-MT, RecC\* (1982-2021-ICESIMP2021-2)



TAC\*, Cpair\*, Cadv\*



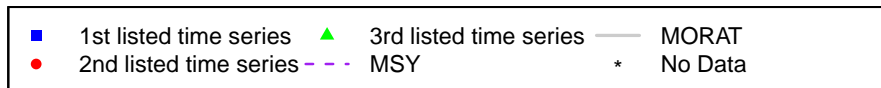
CPUE\*



EFFORT\*



CdivMSY\*



## Ling Faroe Grounds [LINGVb]

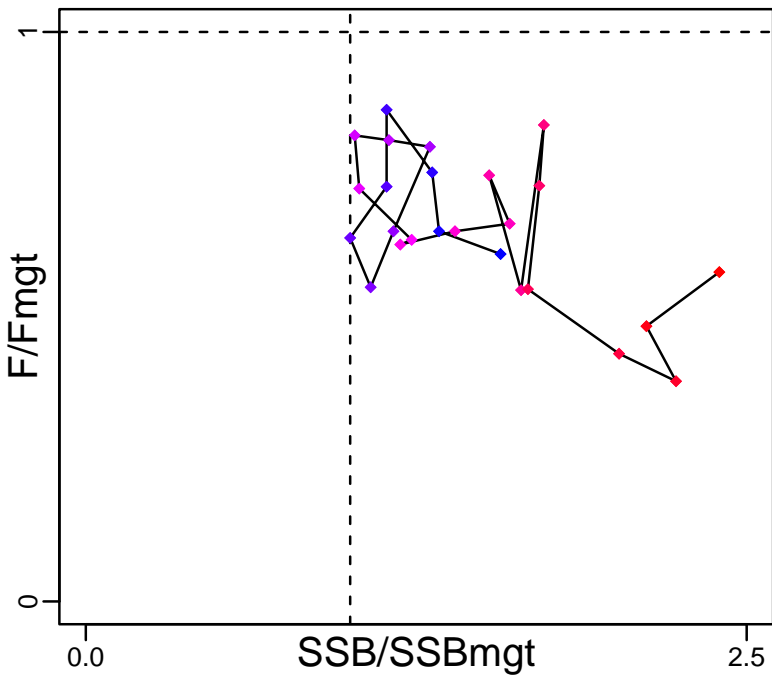
Metadata	
<b>Scientific Name</b>	Molva molva
<b>Current Assess ID</b>	WGDEEP-LINGVb-1988-2021-ICESIMP2021-2
<b>Area</b>	Faroe Grounds
<b>Management Authority</b>	International Council for the Exploration of the Sea
<b>Assessor</b>	Working Group on the Biology and Assessment of Deep-Sea Fisheries Resources
<b>Asmts in RAM</b>	2014, 2016, 2018, 2021

Reference Points			
Type	ID	Asmt Year	Value
<b>TBmsy</b>	-	-	-
<b>SSBmsy</b>	-	-	-
<b>Fmsy</b>	-	-	-
<b>ERmsy</b>	-	-	-
<b>TBmgt</b>	-	-	-
<b>SSBmgt</b>	SSBmgt-MT	2021	11,600
<b>Fmgt</b>	Fmgt-1/yr	2021	0.6
<b>ERmgt</b>	-	-	-
<b>TB0</b>	-	-	-
<b>SSB0</b>	-	-	-
<b>MSY</b>	-	-	-
<b>M</b>	-	-	-
<b>TBlim</b>	-	-	-
<b>SSBlim</b>	SSBlim-MT	2021	9340
<b>Flim</b>	Flim-1/yr	2021	0.85
<b>ERlim</b>	-	-	-

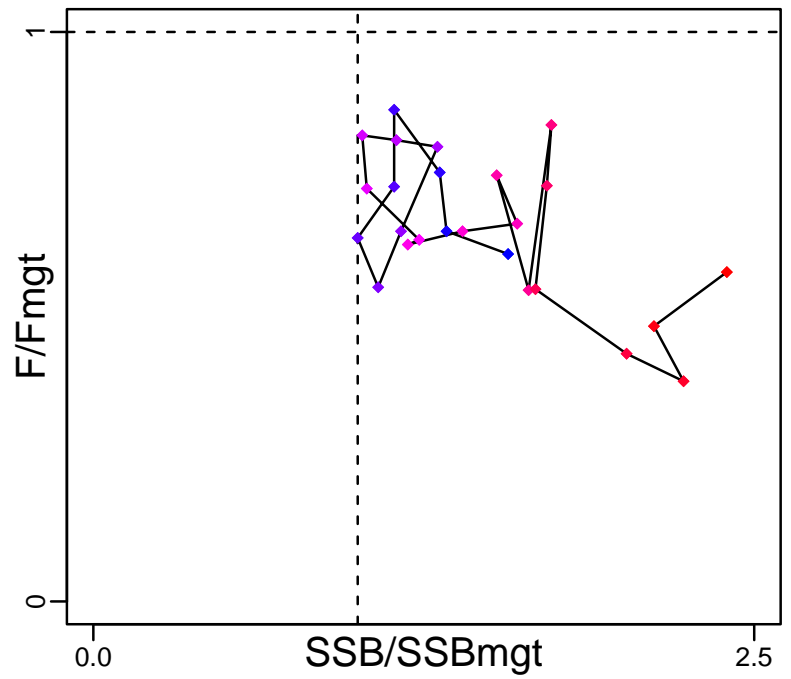
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
<b>TB</b>	-	-	-	-	-
<b>SSB</b>	SSB-MT	2021	27,800	-	-
<b>TN</b>	-	-	-	-	-
<b>R</b>	R-E00	2021	2940	-	3
<b>F</b>	F-1/yr	2021	0.347	-	-
<b>ER</b>	-	-	-	-	-
<b>TC</b>	-	-	-		
<b>TL</b>	TL-MT	2021	9430		
<b>TB/TBmsy</b>	-	-	-		
<b>SSB/SSBmsy</b>	-	-	-		
<b>F/Fmsy</b>	-	-	-		
<b>ER/ERmsy</b>	-	-	-		
<b>TB/TBmgt</b>	-	-	-		
<b>SSB/SSBmgt</b>	SSB-MT/SSBmgt-MT	2021	2.397		
<b>F/Fmgt</b>	F-1/yr/Fmgt-1/yr	2021	0.578		
<b>ER/ERmgt</b>	-	-	-		

# Ling Faroe Grounds [LINGVb]

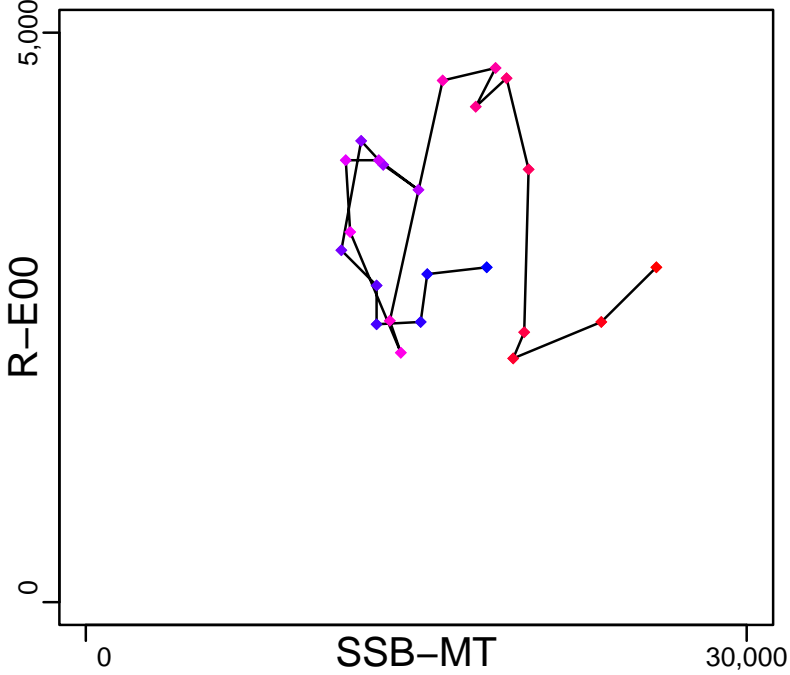
Kobe MSYpref (1988–2021–ICESIMP2021–2)



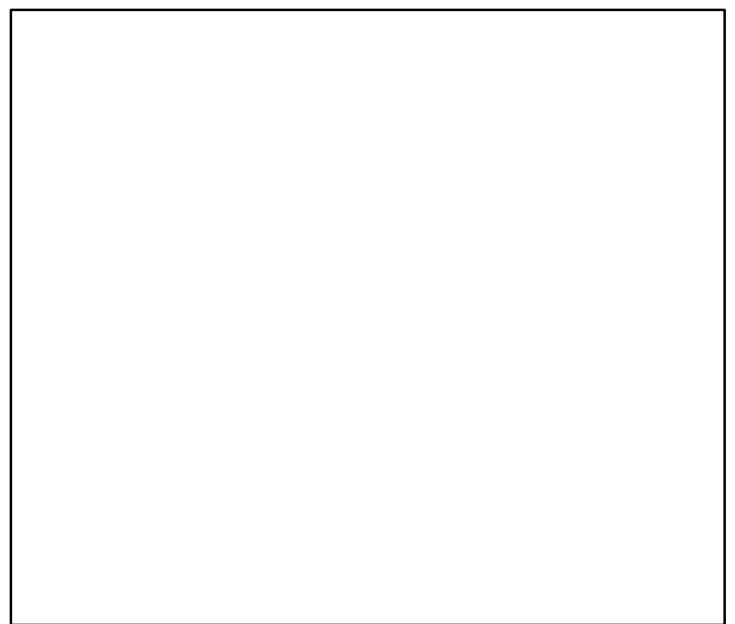
Kobe MGTpref (1988–2021–ICESIMP2021–2)



Spawner Recruit (1988–2021–ICESIMP2021–2)



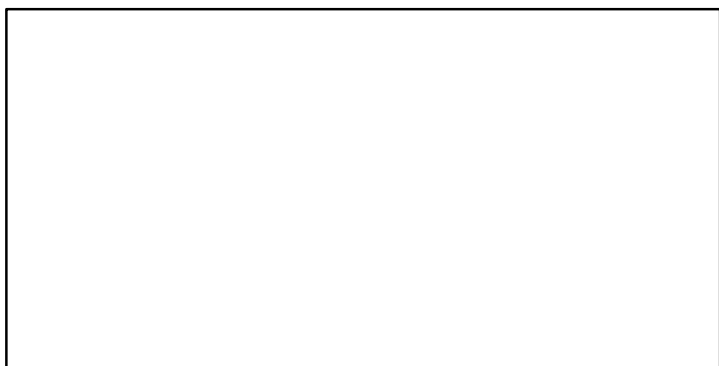
**Production\***



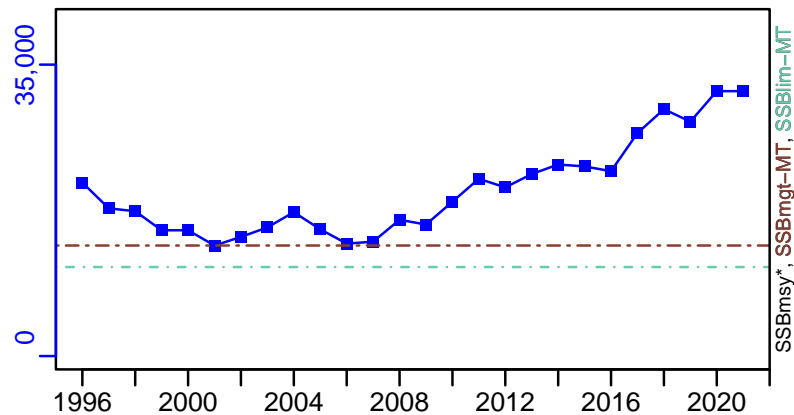
◆ Start Year ◆ End Year \* No Data

# Ling Faroe Grounds [LINGVb]

TB\*



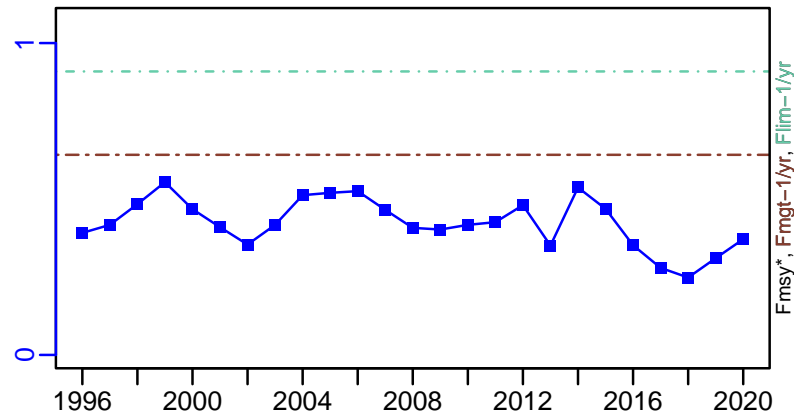
SSB-MT (1988-2021-ICESIMP2021-2)



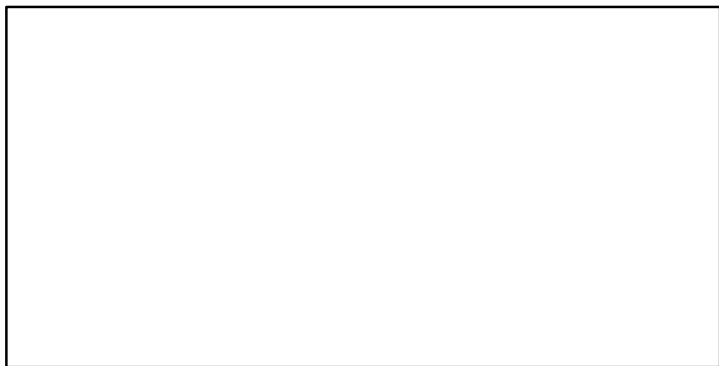
TN \*



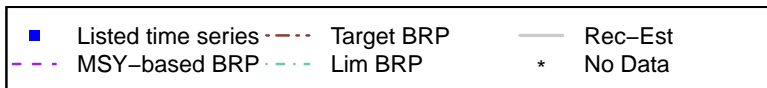
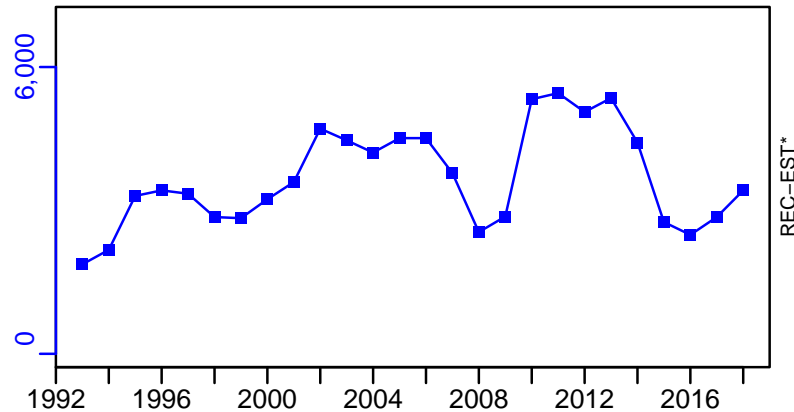
F-1/yr (1988-2021-ICESIMP2021-2)



ER\*



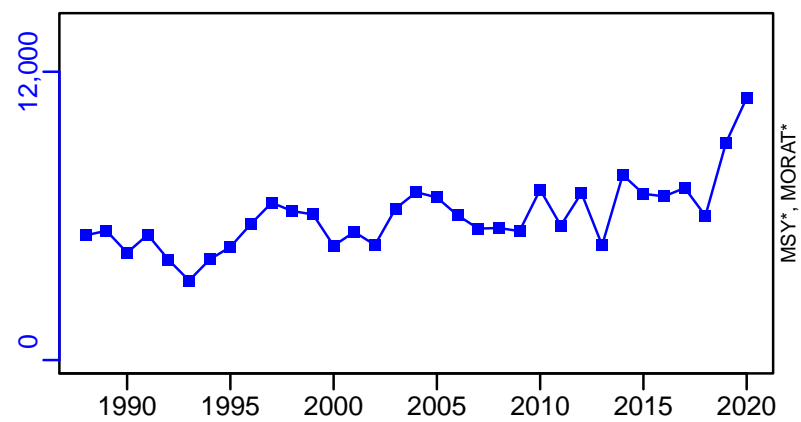
R-E00 (1988-2021-ICESIMP2021-2)



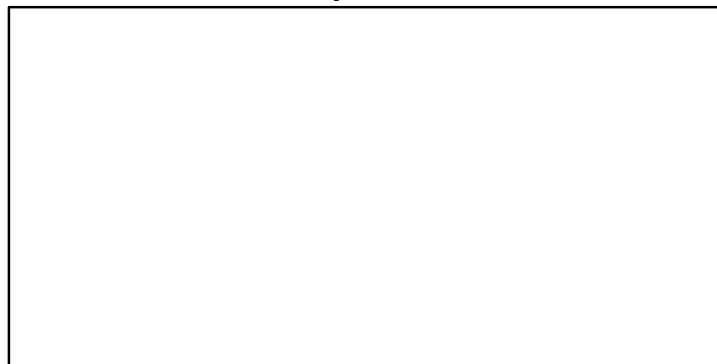


# Ling Faroe Grounds [LINGVb]

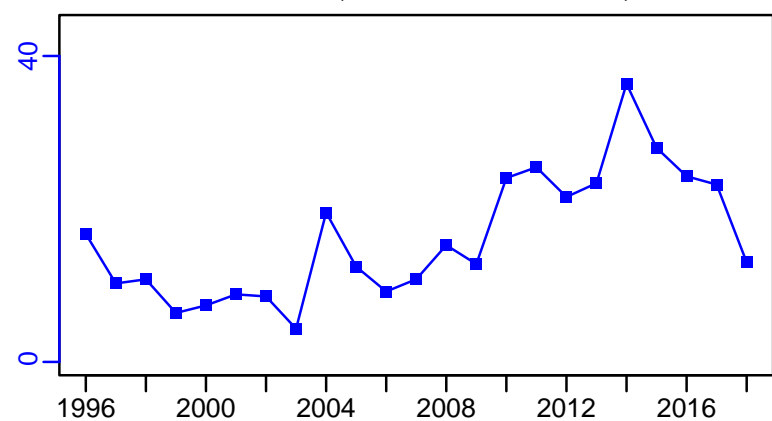
TL-MT, TC\*, RecC\* (1988-2021-ICESIMP2021-2)



TAC\*, Cpair\*, Cadv\*



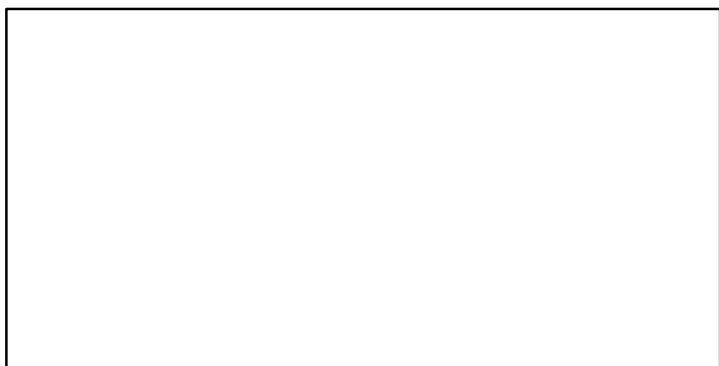
survB-index (1988-2018-ICESIMP2021)



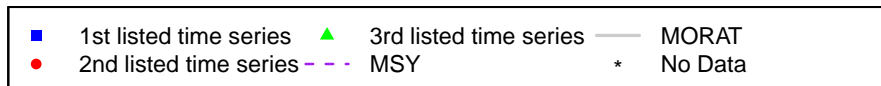
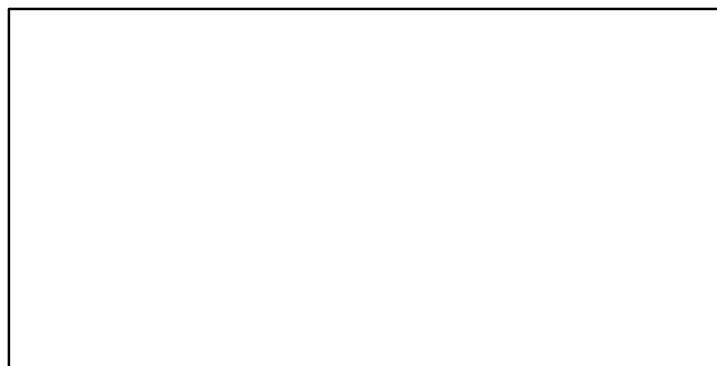
CPUE\*



EFFORT\*



CdivMSY\*



## Northern shrimp North-East Arctic [PANDALI-II]

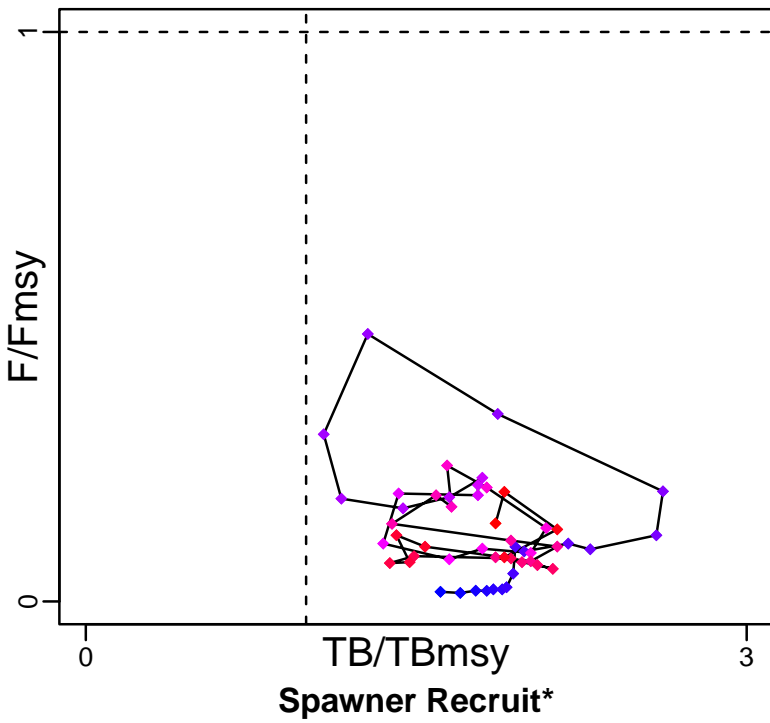
Metadata	
<b>Scientific Name</b>	Pandalus borealis
<b>Current Assess ID</b>	NIPAG-PANDALI-II-1970-2020-ICESIMP2021-2
<b>Area</b>	North-East Arctic
<b>Management Authority</b>	International Council for the Exploration of the Sea
<b>Assessor</b>	Joint NAFO and ICES Pandalus Assessment Working Group
<b>Asmts in RAM</b>	2014, 2015, 2016, 2017, 2019, 2020

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

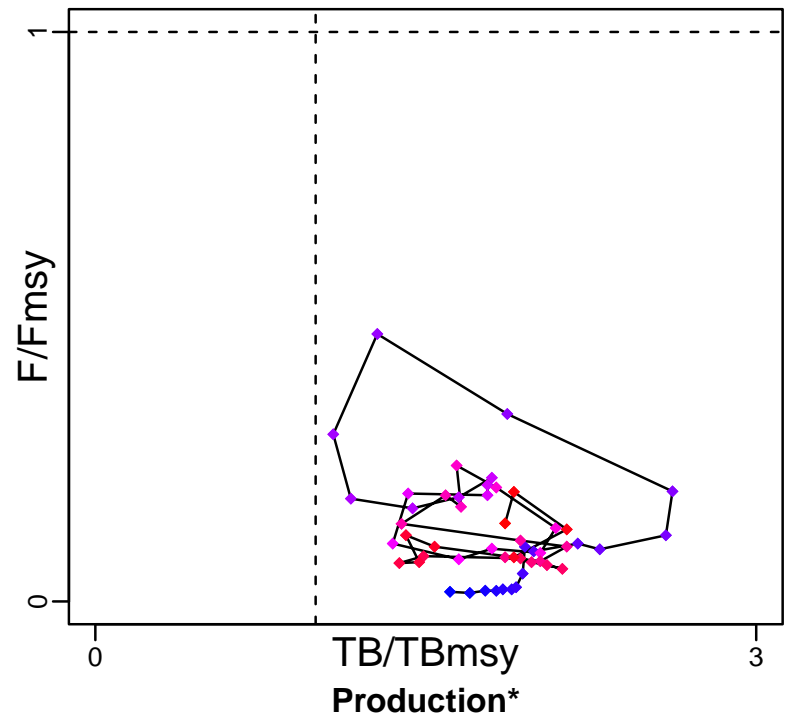
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	-	-	-	-	-
SSB	-	-	-	-	-
TN	-	-	-	-	-
R	R-E00	2015	0	-	0
F	-	-	-	-	-
ER	-	-	-	-	-
TC	TC-MT	2020	53,000		
TL	TL-MT	2019	78,000		
TB/TBmsy	TBdivTBmsy-dimensionless	2020	1.86		
SSB/SSBmsy	SSBdivSSBmsy-dimensionless	2019	2.37		
F/Fmsy	FdivFmsy-dimensionless	2020	0.137		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

# Northern shrimp North-East Arctic [PANDALI-II]

Kobe MSYpref (1970–2020–ICESIMP2021–2)



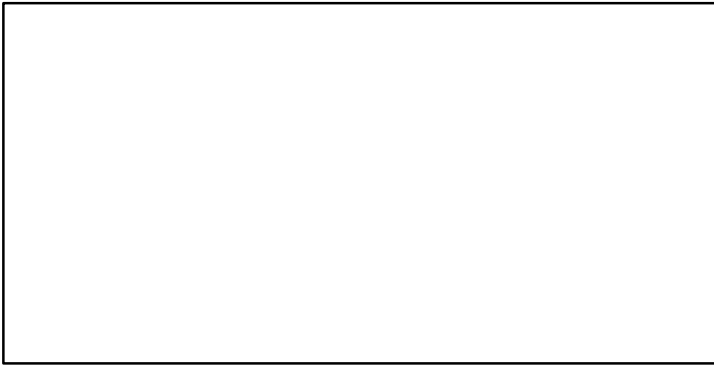
Kobe MGTpref (1970–2020–ICESIMP2021–2)



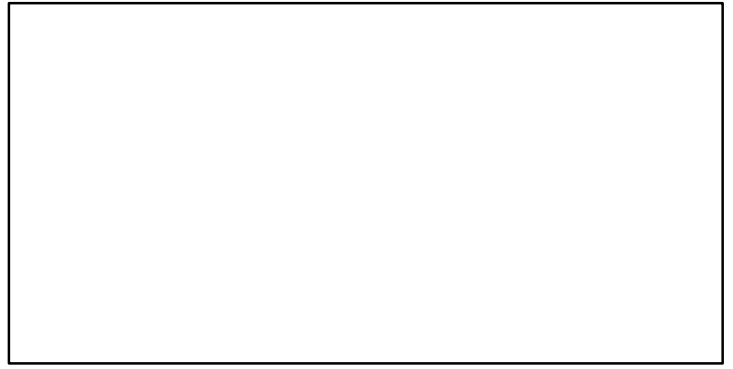
◆ Start Year ◆ End Year \* No Data

Northern shrimp North-East Arctic [PANDALI-II]

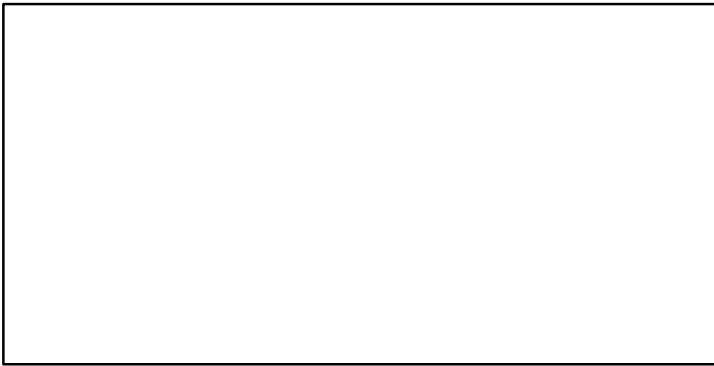
TB\*



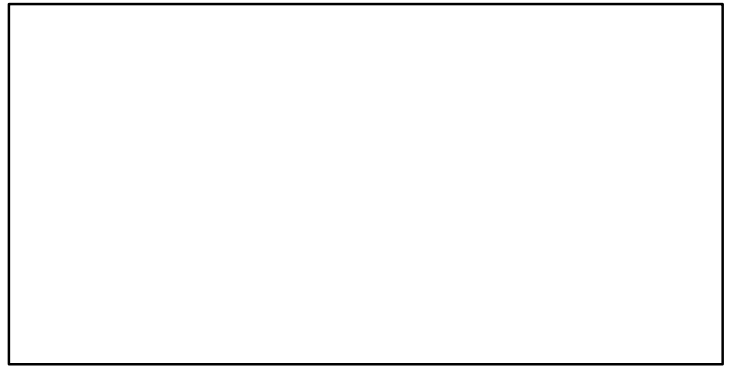
SSB\*



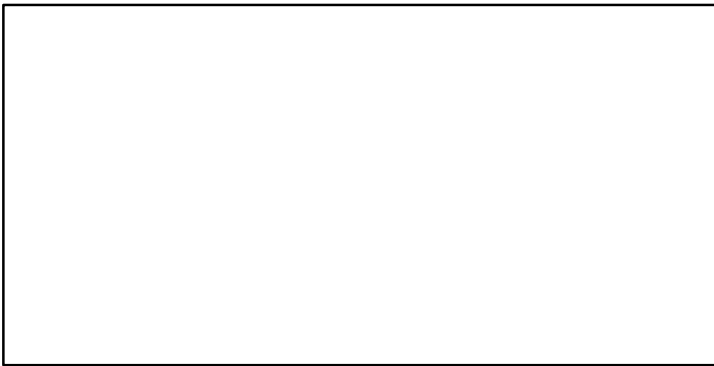
TN \*



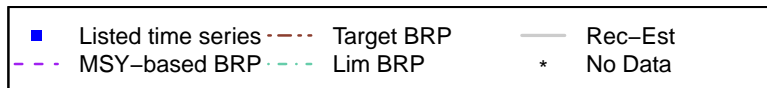
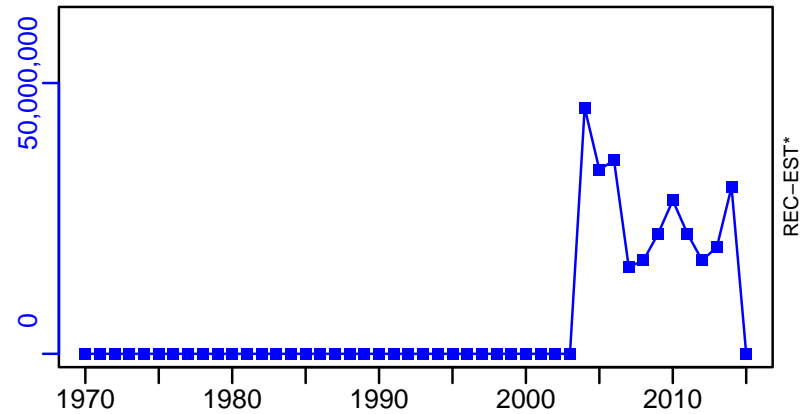
F\*



ER\*

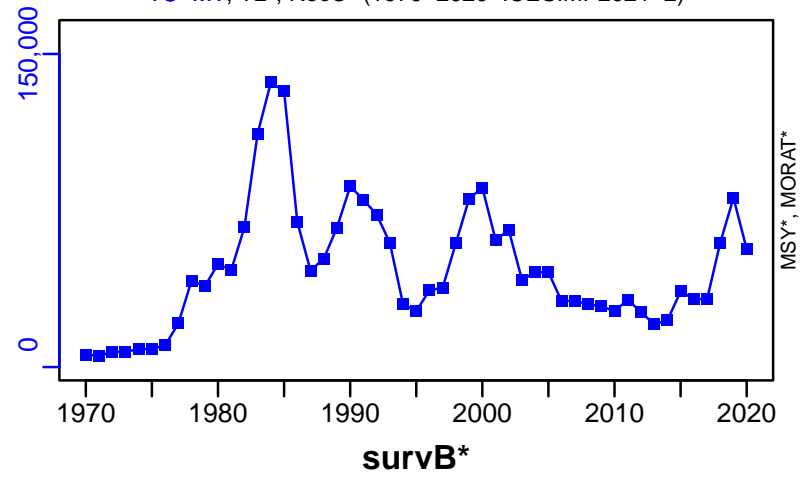


R-E00 (1970–2015–ICESIMP2018)

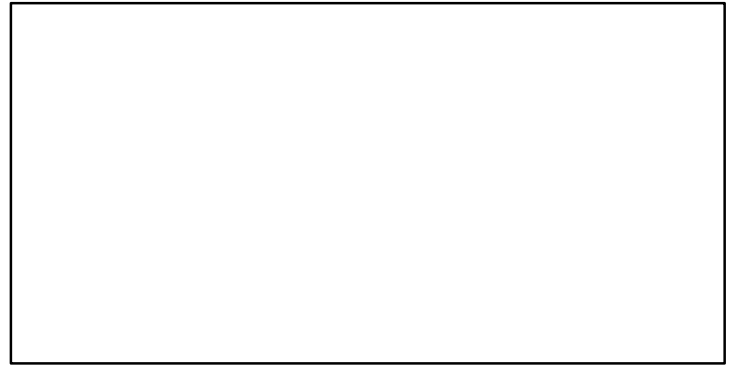


# Northern shrimp North-East Arctic [PANDALI-II]

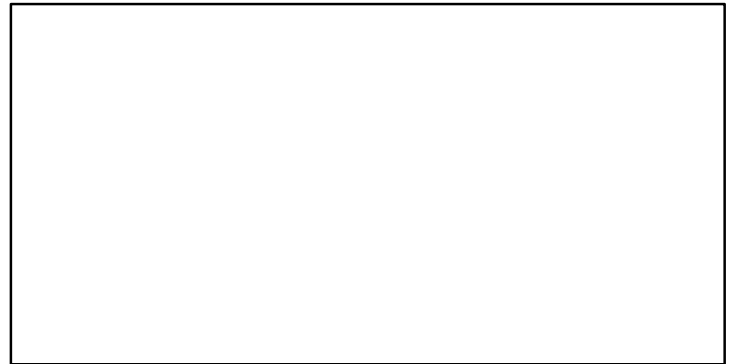
TC-MT, TL\*, RecC\* (1970-2020-ICESIMP2021-2)



TAC\*, Cpair\*, Cadv\*



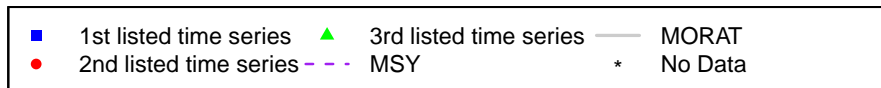
CPUE\*



EFFORT\*



CdivMSY\*



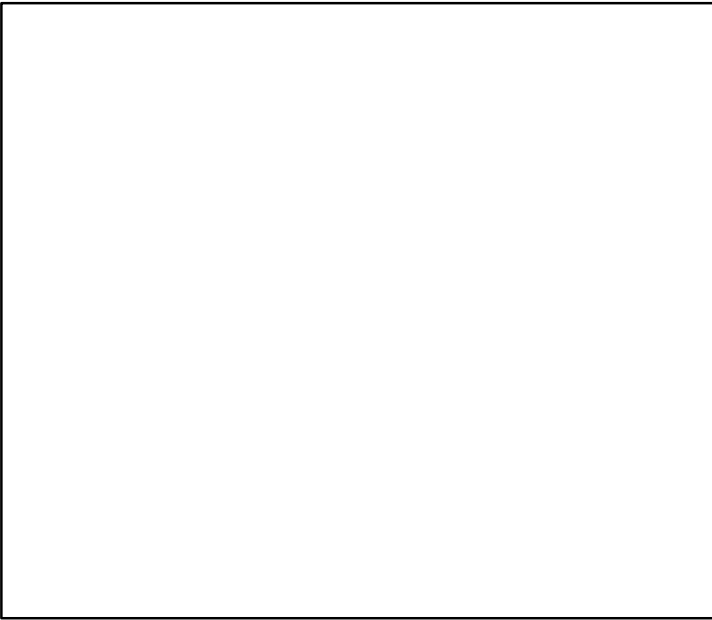
## Saithe Faroe Plateau [POLLFAPL]

Metadata	
<b>Scientific Name</b>	Pollachius virens
<b>Current Assess ID</b>	NWWG-POLLFAPL-1958-2023-ICESIMP2024
<b>Area</b>	Faroe Plateau
<b>Management Authority</b>	International Council for the Exploration of the Sea
<b>Assessor</b>	North-Western Working Group
<b>Asmts in RAM</b>	2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2021, 2023, 2020

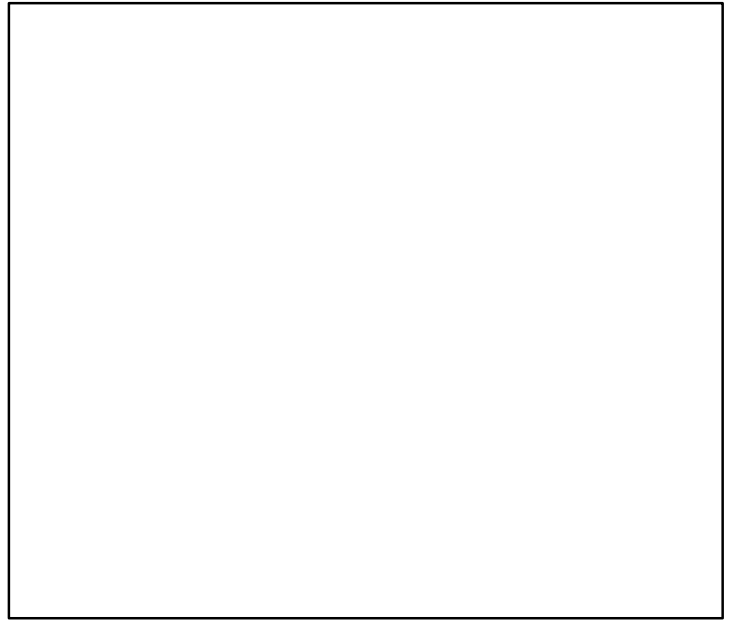
Reference Points			
Type	ID	Asmt Year	Value
<b>TBmsy</b>	-	-	-
<b>SSBmsy</b>	-	-	-
<b>Fmsy</b>	Fmsy-1/yr	2023	0.38
<b>ERmsy</b>	-	-	-
<b>TBmgt</b>	-	-	-
<b>SSBmgt</b>	-	-	-
<b>Fmgt</b>	Fmgt-1/yr	2023	0.38
<b>ERmgt</b>	-	-	-
<b>TB0</b>	-	-	-
<b>SSB0</b>	-	-	-
<b>MSY</b>	-	-	-
<b>M</b>	-	-	-
<b>TBlim</b>	-	-	-
<b>SSBlim</b>	SSBlim-MT	2023	24,990
<b>Flim</b>	Flim-1/yr	2023	0.98
<b>ERlim</b>	-	-	-

Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
<b>TB</b>	TB-MT	2023	71,665	-	-
<b>SSB</b>	SSB-MT	2023	49,125	-	-
<b>TN</b>	-	-	-	-	-
<b>R</b>	R-E00	2023	5451	-	3
<b>F</b>	F-1/yr	2023	0.211	-	4 to 8
<b>ER</b>	ER-calc-ratio	2023	0.108	-	-
<b>TC</b>	TC-MT	2023	7751		
<b>TL</b>	TL-MT	2023	7751		
<b>TB/TBmsy</b>	-	-	-		
<b>SSB/SSBmsy</b>	-	-	-		
<b>F/Fmsy</b>	F-1/yr/Fmsy-1/yr	2023	0.555		
<b>ER/ERmsy</b>	-	-	-		
<b>TB/TBmgt</b>	-	-	-		
<b>SSB/SSBmgt</b>	-	-	-		
<b>F/Fmgt</b>	F-1/yr/Fmgt-1/yr	2023	0.555		
<b>ER/ERmgt</b>	-	-	-		

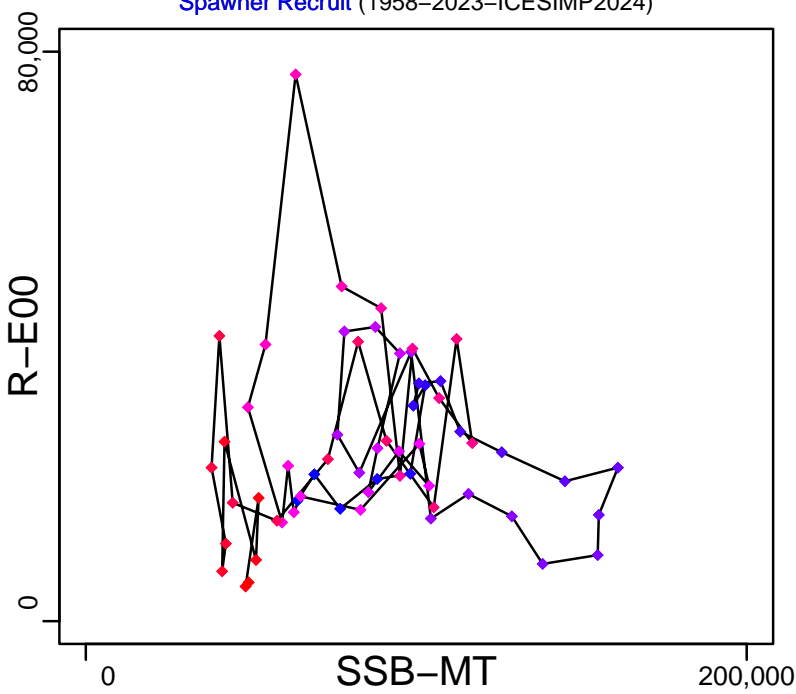
Kobe MSY\*



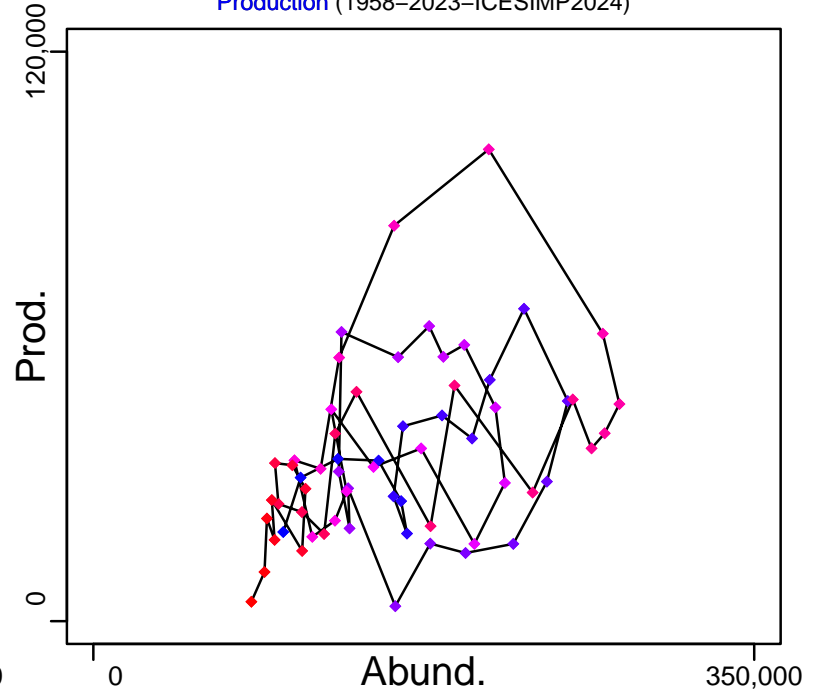
Kobe MGT\*



Spawner Recruit (1958–2023–ICESIMP2024)



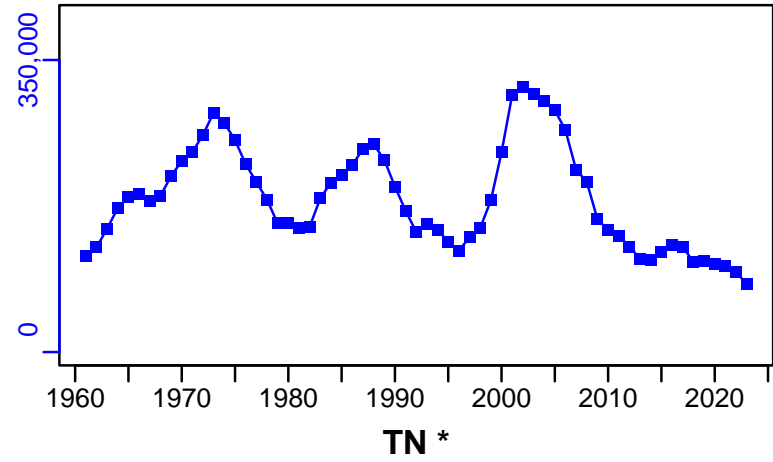
Production (1958–2023–ICESIMP2024)



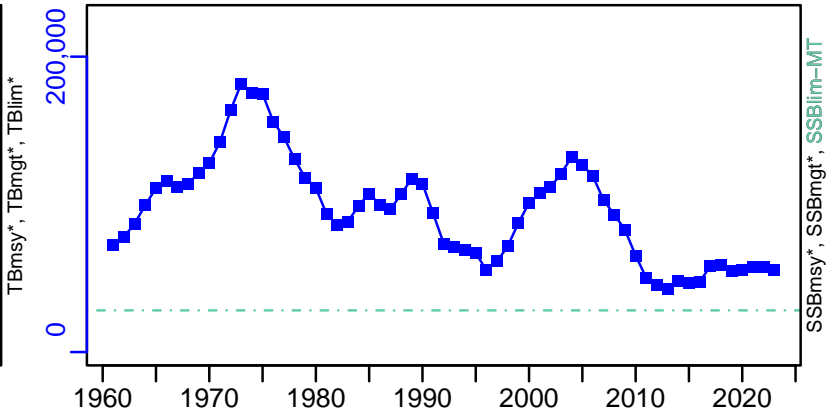
◆ Start Year ◆ End Year \* No Data

# Saithe Faroe Plateau [POLLFAPL]

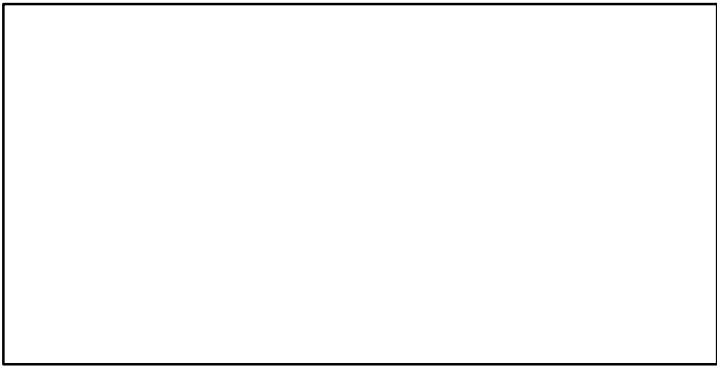
TB-MT (1958–2023–ICESIMP2024)



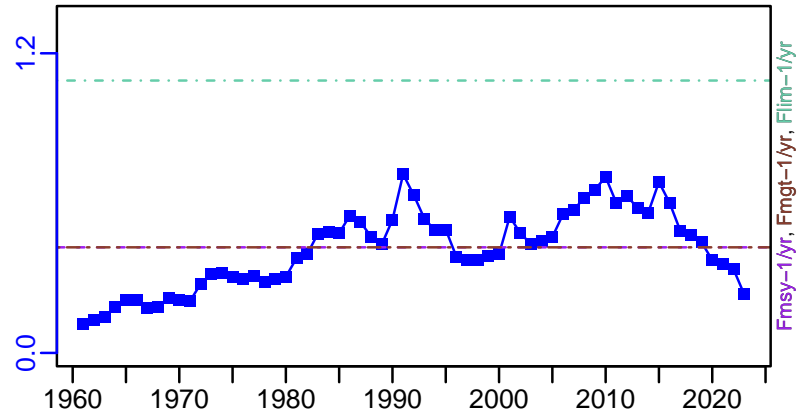
SSB-MT (1958–2023–ICESIMP2024)



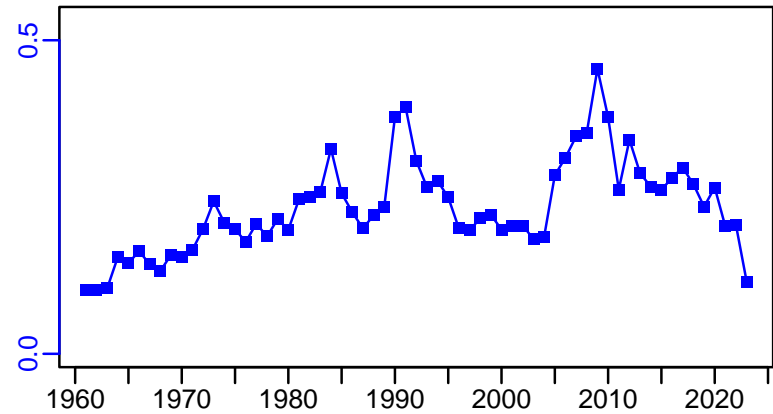
TN \*



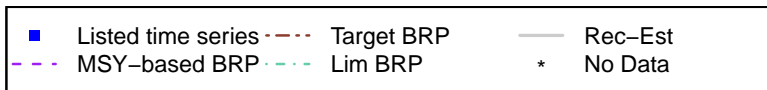
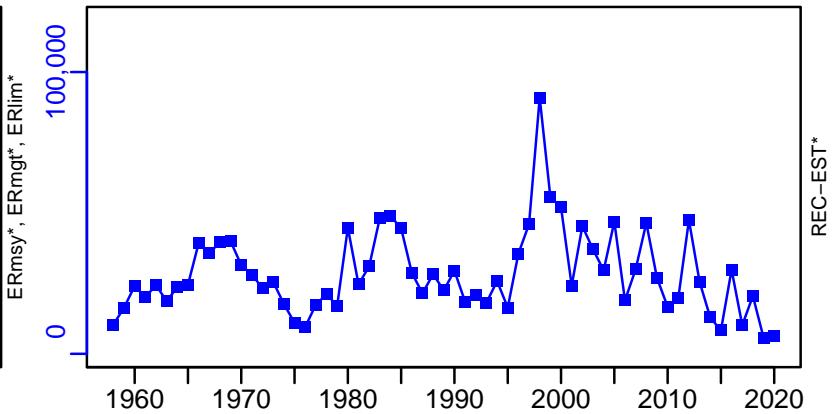
F-1/yr (1958–2023–ICESIMP2024)



ER-calc-ratio (1958–2023–ICESIMP2024)



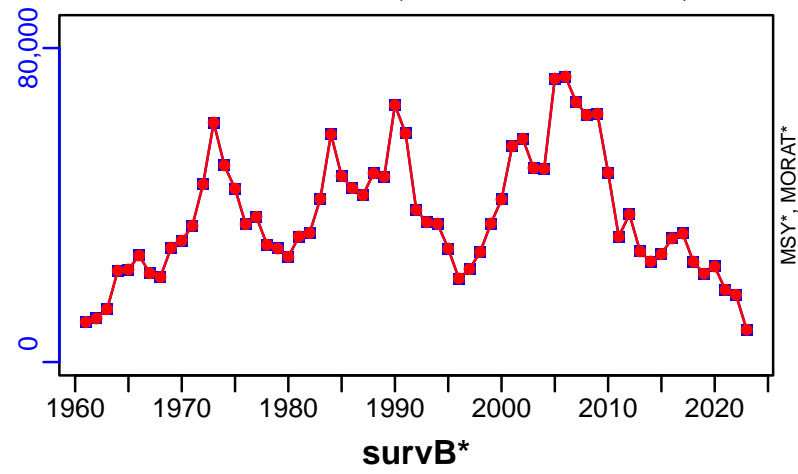
R-E00 (1958–2023–ICESIMP2024)



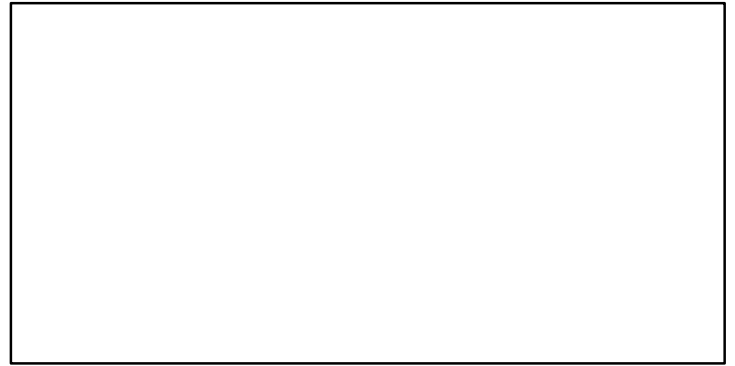


# Saithe Faroe Plateau [POLLFAPL]

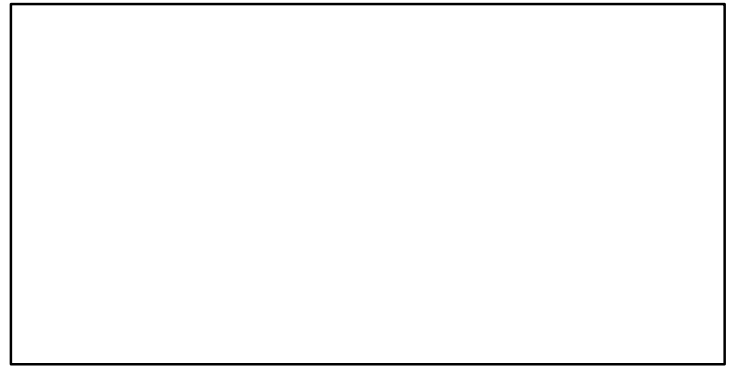
TC-MT, TL-MT, RecC\* (1958–2023–ICESIMP2024)



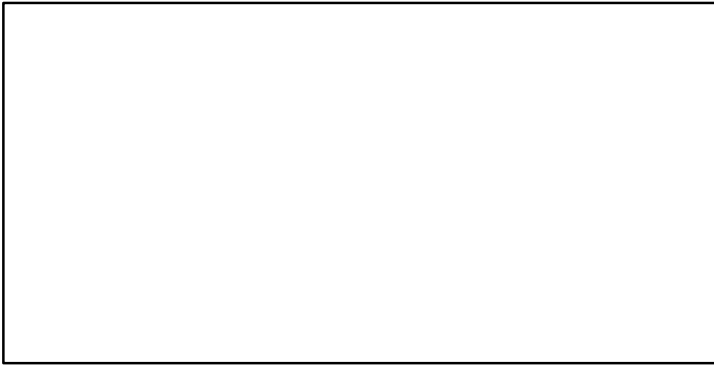
TAC\*, Cpair\*, Cadv\*



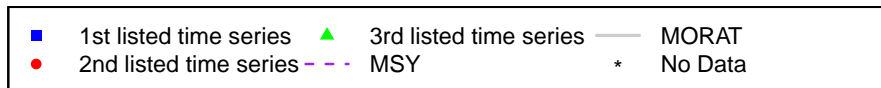
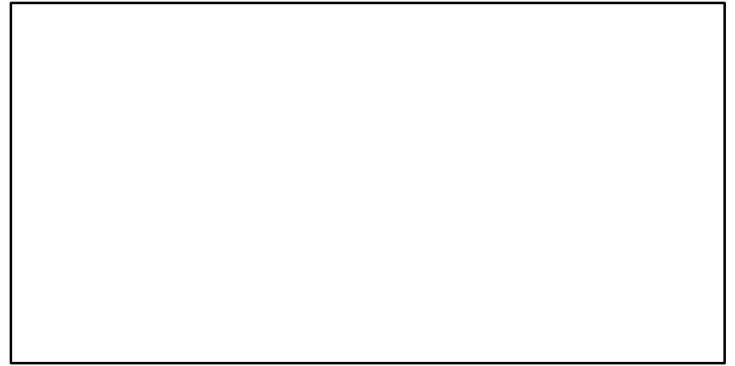
CPUE\*



EFFORT\*



CdivMSY\*



## Saithe Iceland Grounds [POLLIEG]

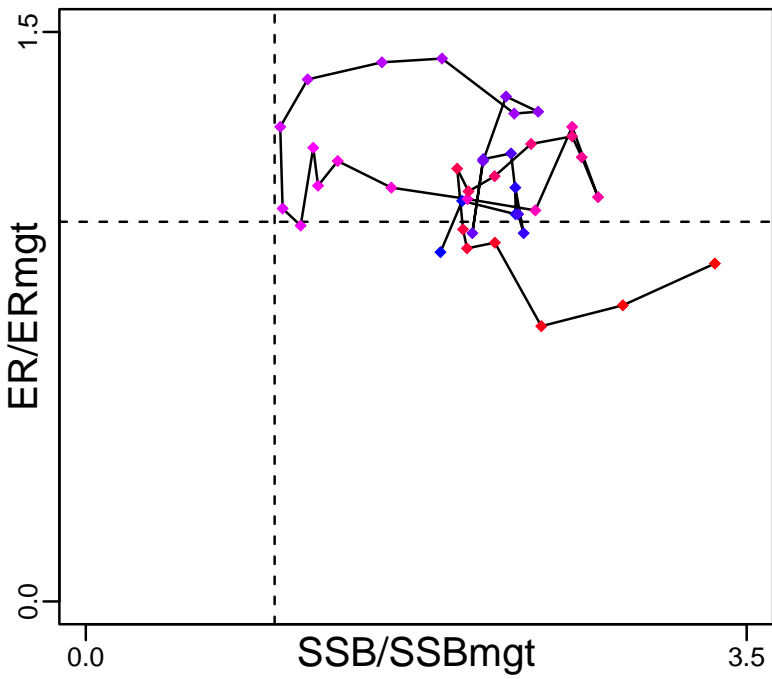
Metadata	
<b>Scientific Name</b>	Pollachius virens
<b>Current Assess ID</b>	NWWG-POLLIEG-1977-2023-ICESIMP2024
<b>Area</b>	Iceland Grounds
<b>Management Authority</b>	International Council for the Exploration of the Sea
<b>Assessor</b>	North-Western Working Group
<b>Asmts in RAM</b>	2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2023, 2020, 2021

Reference Points			
Type	ID	Asmt Year	Value
<b>TBmsy</b>	-	-	-
<b>SSBmsy</b>	-	-	-
<b>Fmsy</b>	Fmsy-1/yr	2012	0.28
<b>ERmsy</b>	ERmsy-ratio	2018	0.2
<b>TBmgt</b>	-	-	-
<b>SSBmgt</b>	SSBmgt-MT	2023	61,000
<b>Fmgt</b>	Fmgt-1/yr	2023	0.2
<b>ERmgt</b>	ERmgt-ratio	2019	0.2
<b>TB0</b>	-	-	-
<b>SSB0</b>	-	-	-
<b>MSY</b>	MSY-MT	2012	65,000
<b>M</b>	-	-	-
<b>TBlim</b>	-	-	-
<b>SSBlim</b>	SSBlim-MT	2023	44,000
<b>Flim</b>	Flim-1/yr	2018	0.46
<b>ERlim</b>	-	-	-

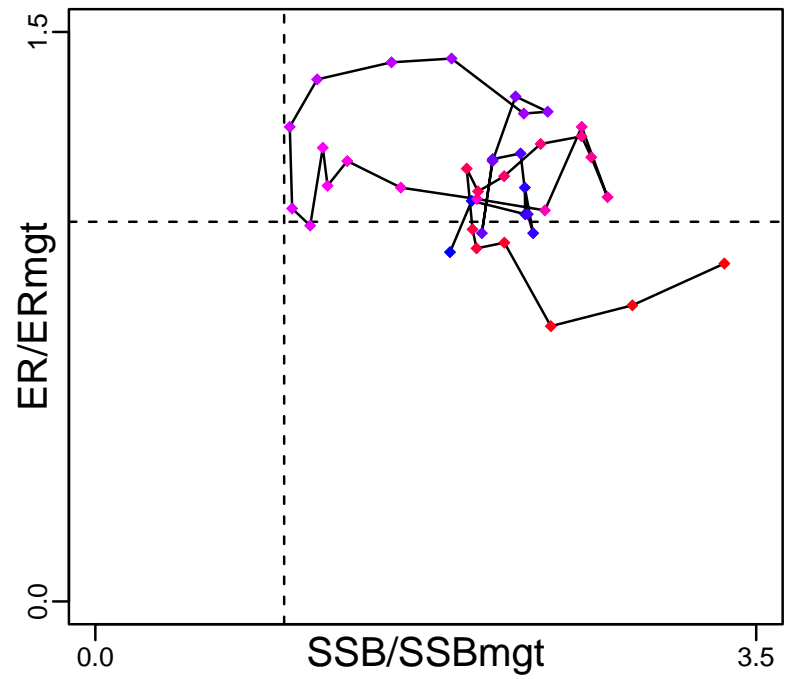
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
<b>TB</b>	TB-MT	2017	306,000	Both	-
<b>SSB</b>	SSB-MT	2023	142,362	-	-
<b>TN</b>	-	-	-	-	-
<b>R</b>	R-E00	2023	32,332	-	3
<b>F</b>	F-1/yr	2019	0.17	-	4 to 9
<b>ER</b>	ER-ratio	2023	0.213	-	4 to 9
<b>TC</b>	TC-MT	2023	61,872		
<b>TL</b>	TL-MT	2023	61,872		
<b>TB/TBmsy</b>	-	-	-		
<b>SSB/SSBmsy</b>	-	-	-		
<b>F/Fmsy</b>	F-1/yr/Fmsy-1/yr	2012	0.929		
<b>ER/ERmsy</b>	ER-ratio/ERmsy-ratio	2018	0.605		
<b>TB/TBmgt</b>	-	-	-		
<b>SSB/SSBmgt</b>	SSB-MT/SSBmgt-MT	2023	2.334		
<b>F/Fmgt</b>	-	-	-		
<b>ER/ERmgt</b>	-	-	-		

# Saithe Iceland Grounds [POLLIEG]

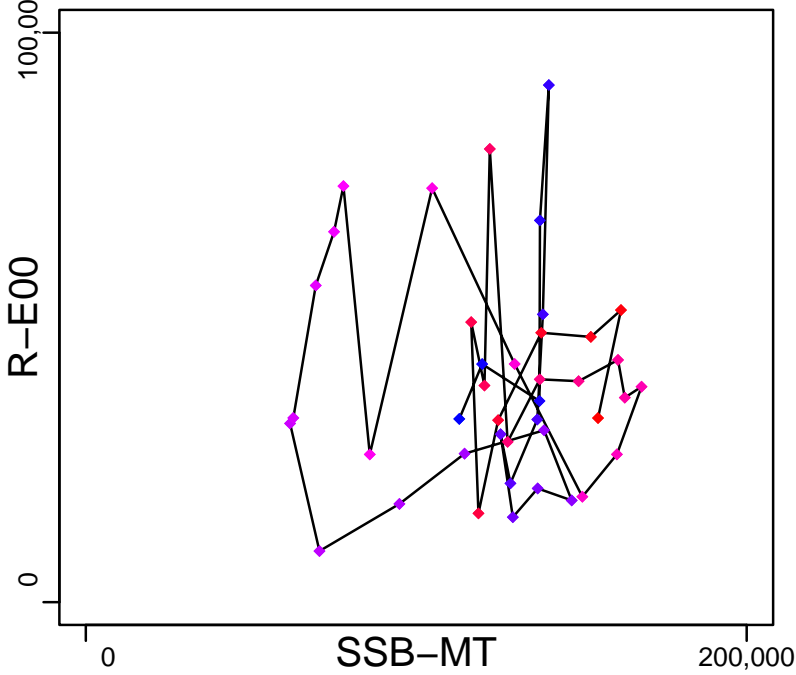
Kobe MSYpref (1977–2019–ICESIMP2021)



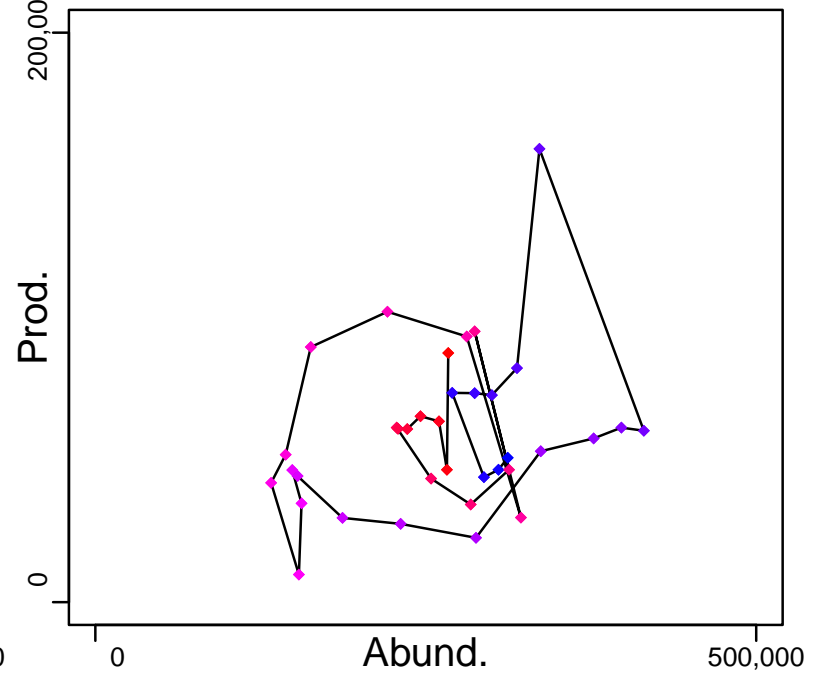
Kobe MGTpref (1977–2019–ICESIMP2021)



Spawner Recruit (1977–2023–ICESIMP2024)



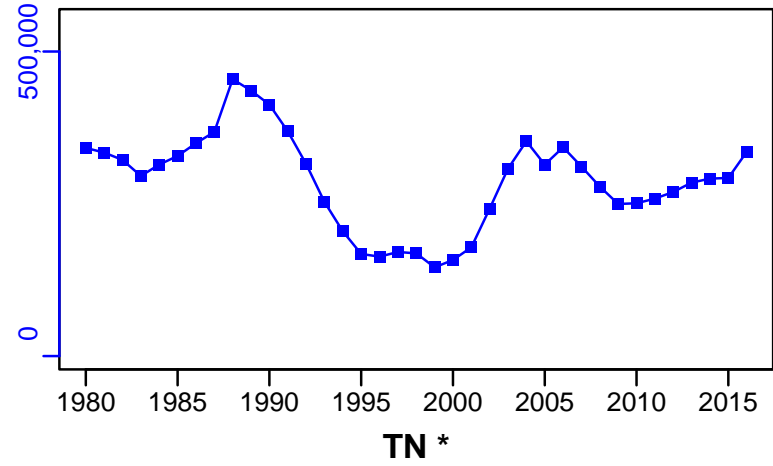
Production (1977–2017–ICESIMP2018)



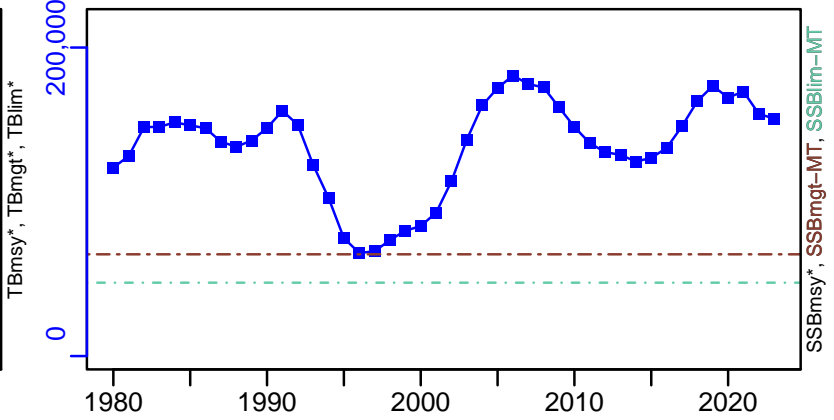
◆ Start Year ◆ End Year \* No Data

# Saithe Iceland Grounds [POLLIEG]

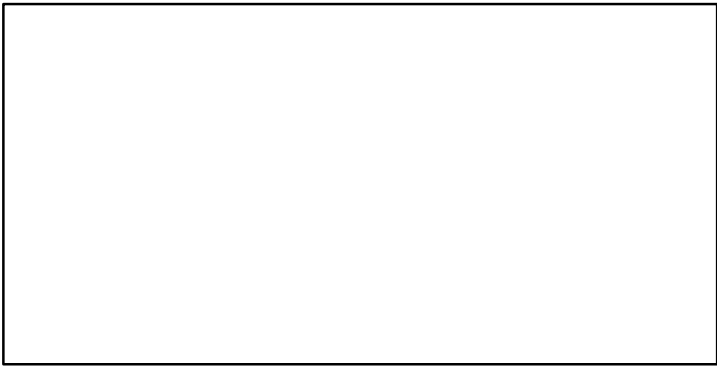
TB-MT (1977–2017–ICESIMP2018)



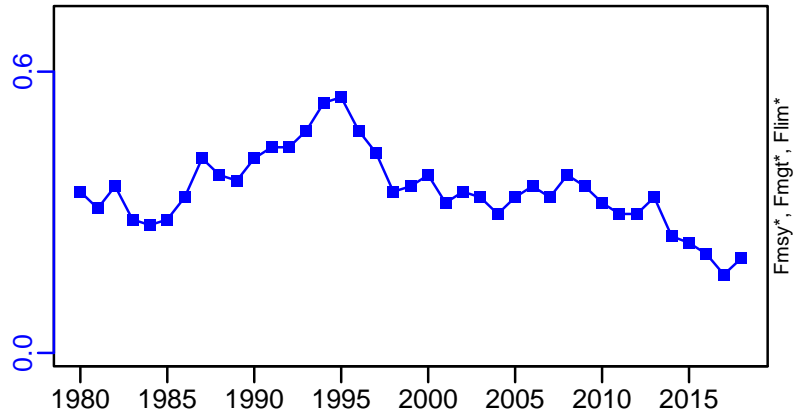
SSB-MT (1977–2023–ICESIMP2024)



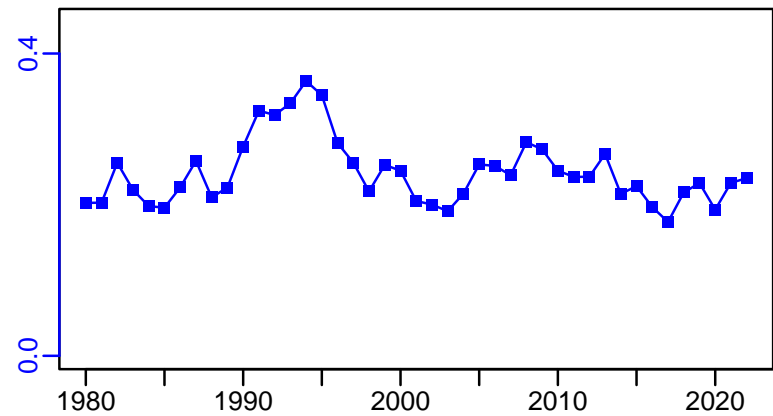
TN \*



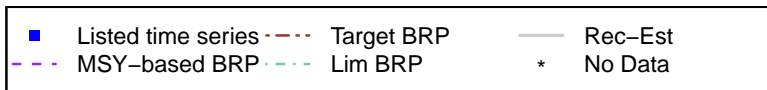
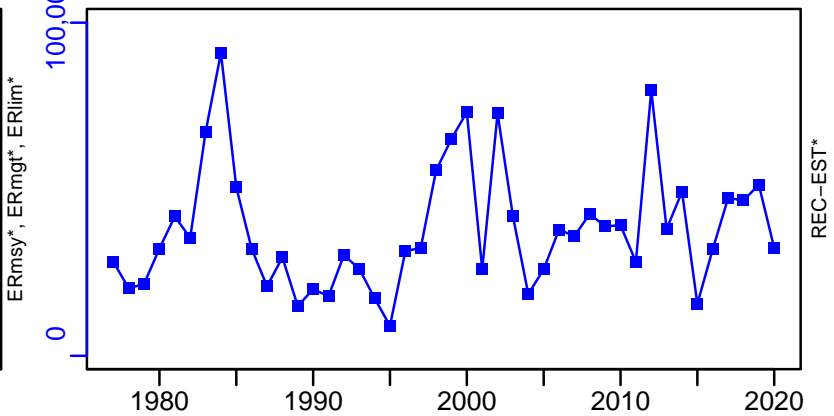
F-1/yr (1977–2019–ICESIMP2021)



ER-ratio (1977–2023–ICESIMP2024)

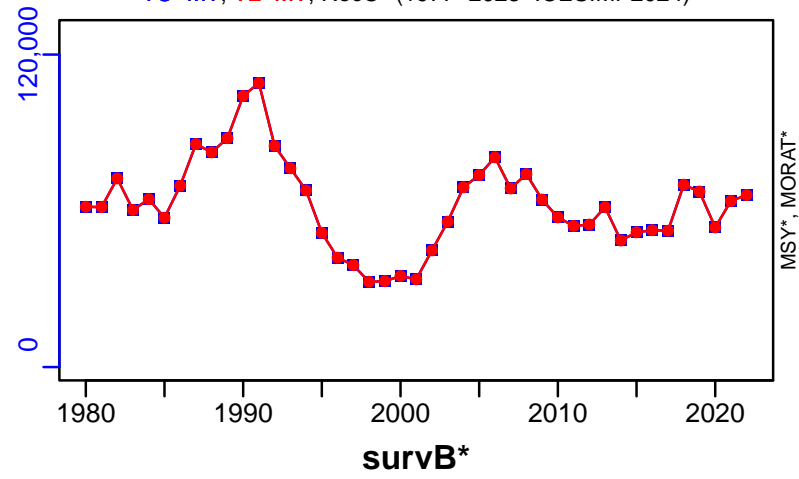


R-E00 (1977–2023–ICESIMP2024)

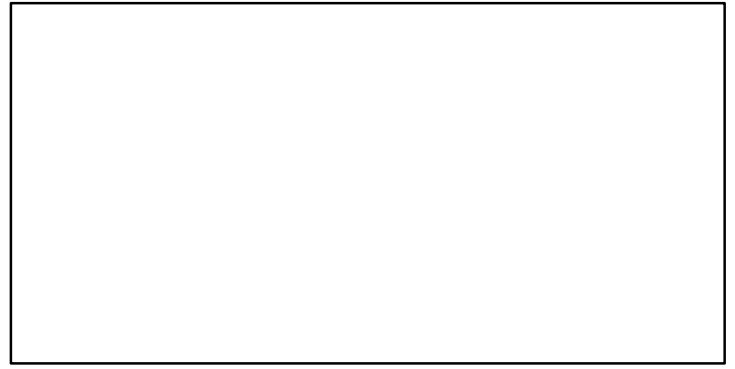


# Saithe Iceland Grounds [POLLIEG]

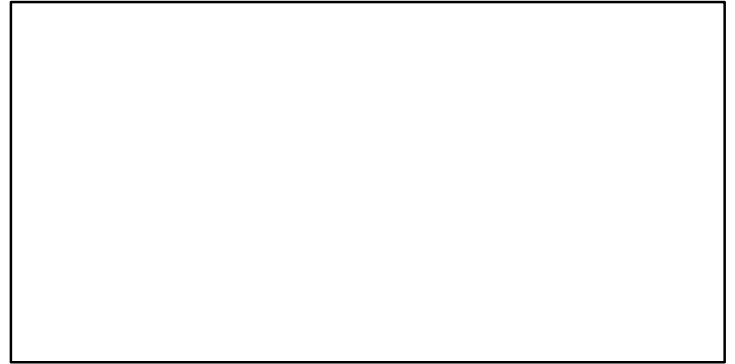
TC-MT, TL-MT, RecC\* (1977-2023-ICESIMP2024)



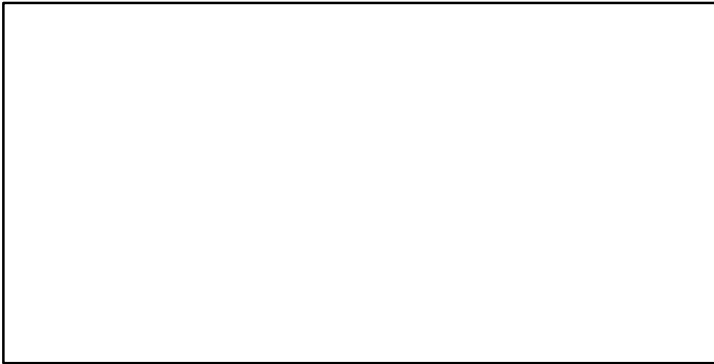
TAC\*, Cpair\*, Cadv\*



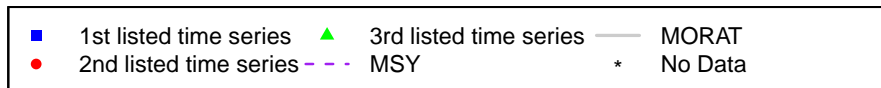
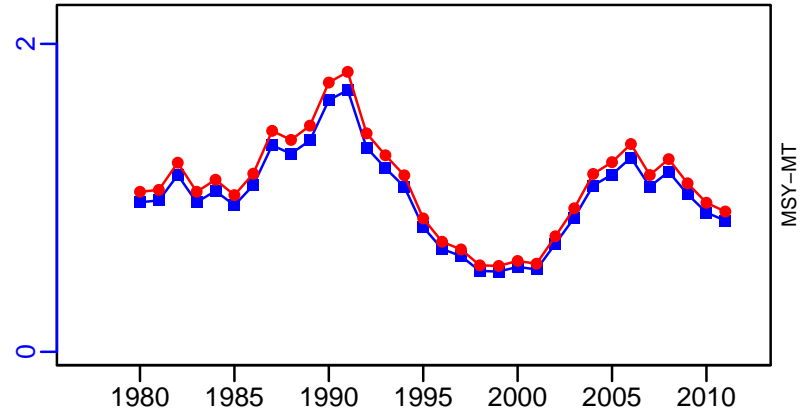
CPUE\*



EFFORT\*



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



## Saithe North-East Arctic [POLLNEAR]

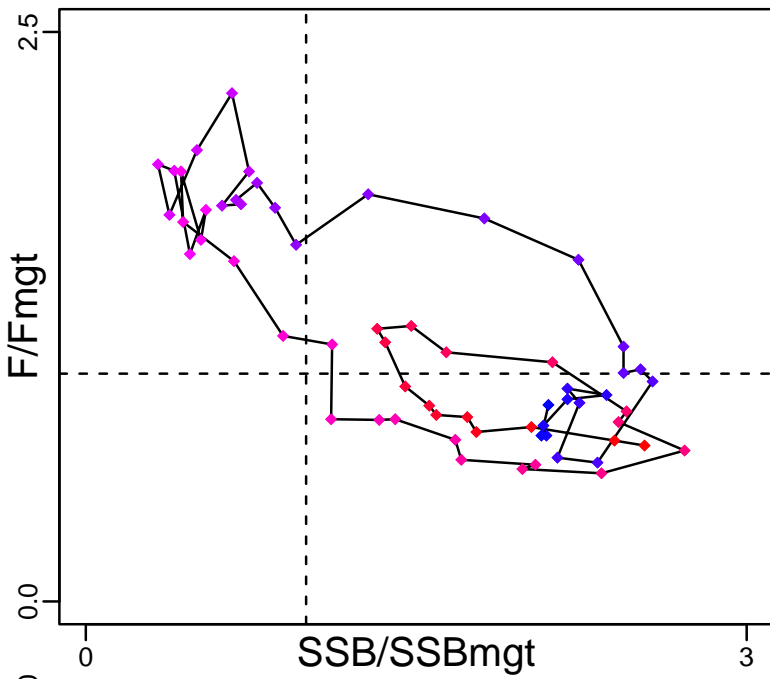
Metadata	
<b>Scientific Name</b>	Pollachius virens
<b>Current Assess ID</b>	AFWG-POLLNEAR-1960-2021-ICESIMP2021-2
<b>Area</b>	North-East Arctic
<b>Management Authority</b>	International Council for the Exploration of the Sea
<b>Assessor</b>	Arctic Fisheries Working Group
<b>Asmts in RAM</b>	2012, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021

Reference Points			
Type	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	-	-	-
Fmsy	-	-	-
ERmsy	-	-	-
TBmgt	-	-	-
SSBmgt	SSBmgt-MT	2021	220,000
Fmgt	Fmgt-1/yr	2021	0.32
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	-	-	-
M	-	-	-
TBlim	-	-	-
SSBlim	SSBlim-MT	2021	136,000
Flim	Flim-1/yr	2021	0.58
ERlim	-	-	-

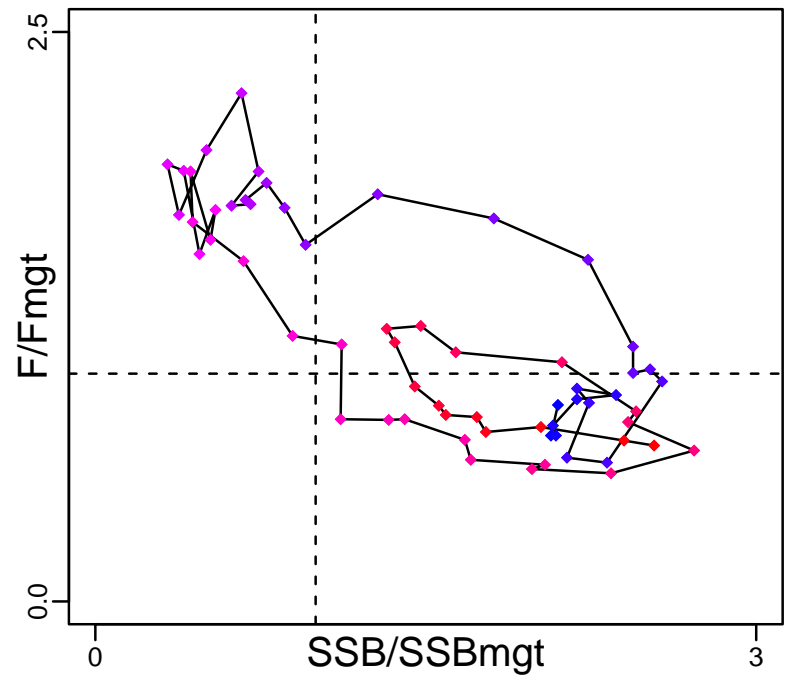
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	TB-MT	2019	909,053	-	-
SSB	SSB-MT	2021	569,000	-	-
TN	-	-	-	-	-
R	R-E00	2021	$1.6 \times 10^8$	-	3
F	F-1/yr	2021	0.219	-	-
ER	ER-calc-ratio	2019	0.199	-	-
TC	TC-MT	2021	169,000		
TL	TL-MT	2021	169,000		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2021	2.586		
F/Fmgt	F-1/yr/Fmgt-1/yr	2021	0.684		
ER/ERmgt	-	-	-		

Saithe North-East Arctic [POLLNEAR]

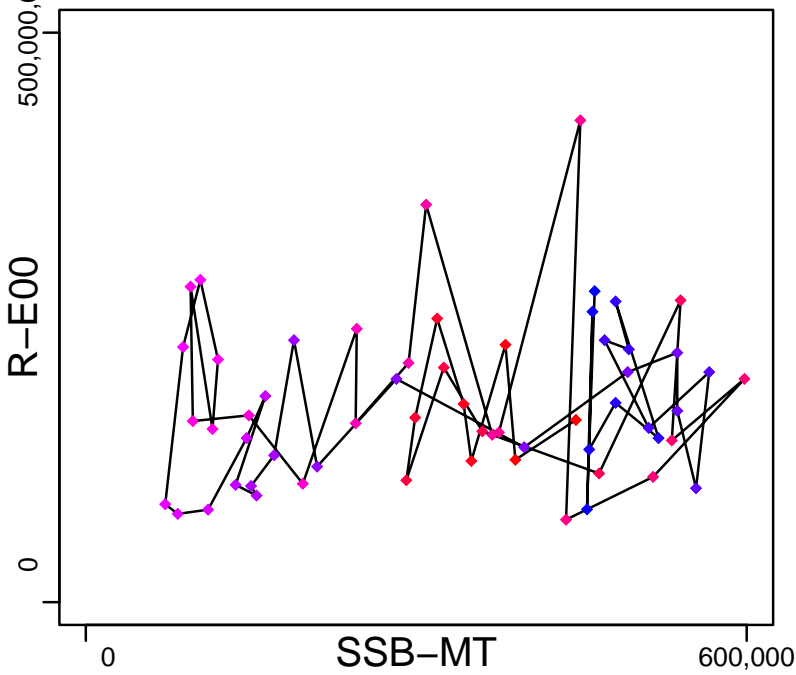
Kobe MSYpref (1960–2021–ICESIMP2021–2)



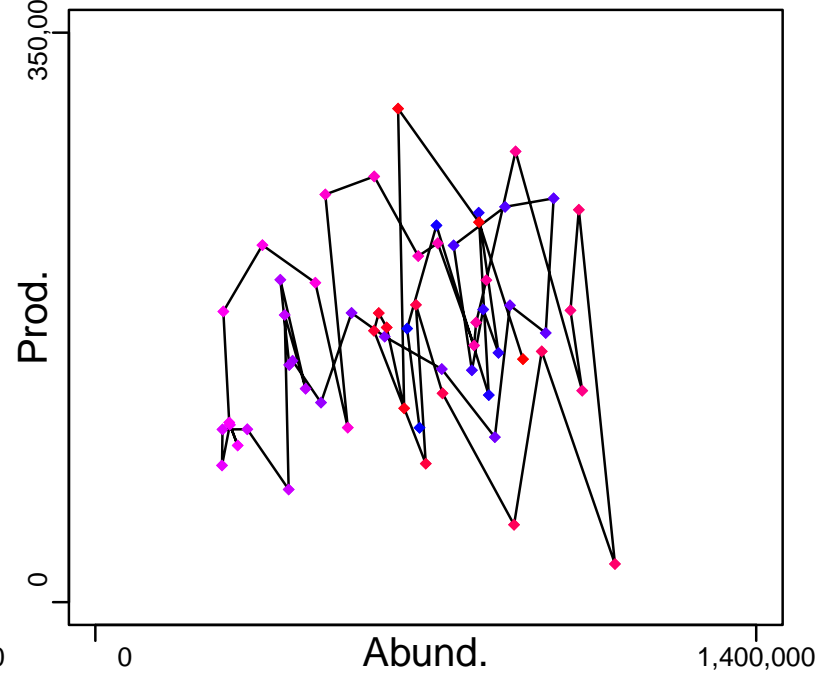
Kobe MGTpref (1960–2021–ICESIMP2021–2)



Spawner Recruit (1960–2021–ICESIMP2021–2)



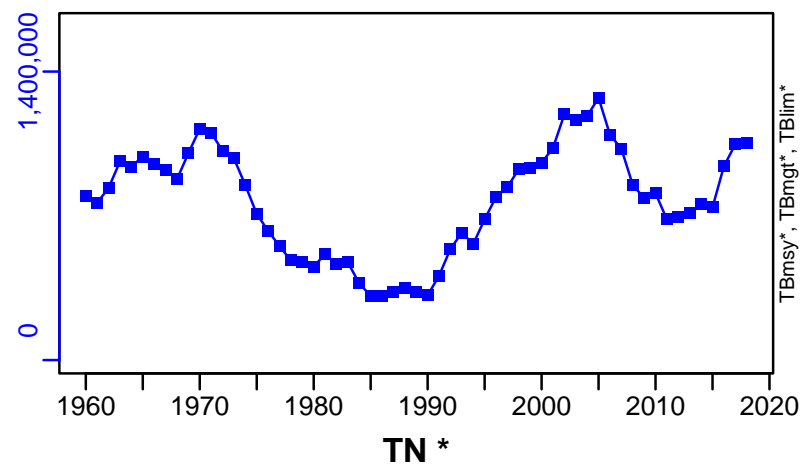
Production (1957–2019–ICESIMP2021)



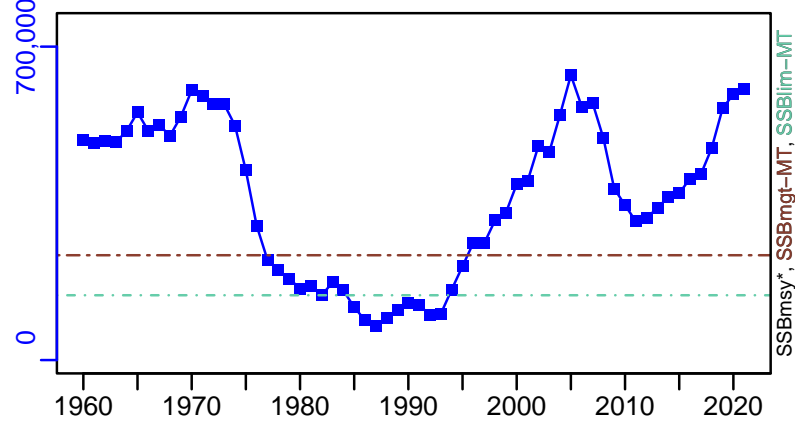
◆ Start Year ◆ End Year \* No Data

# Saithe North-East Arctic [POLLNEAR]

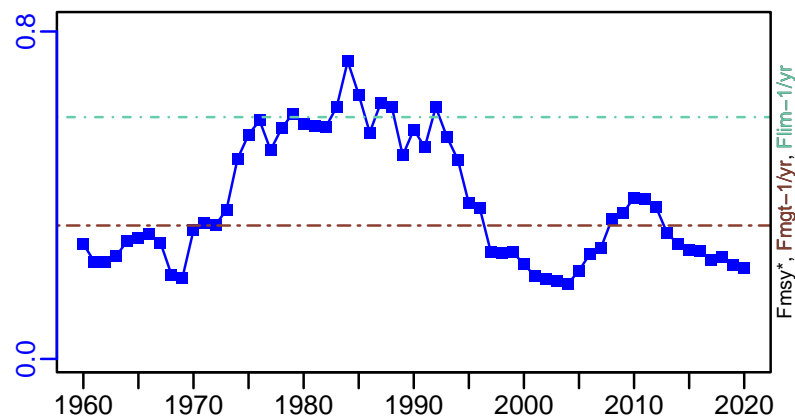
TB-MT (1957–2019–ICESIMP2021)



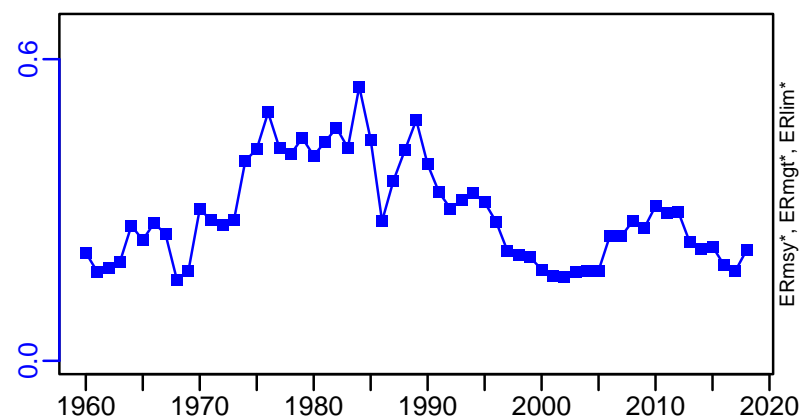
SSB-MT (1960–2021–ICESIMP2021–2)



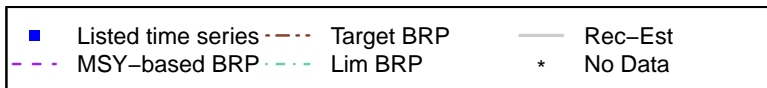
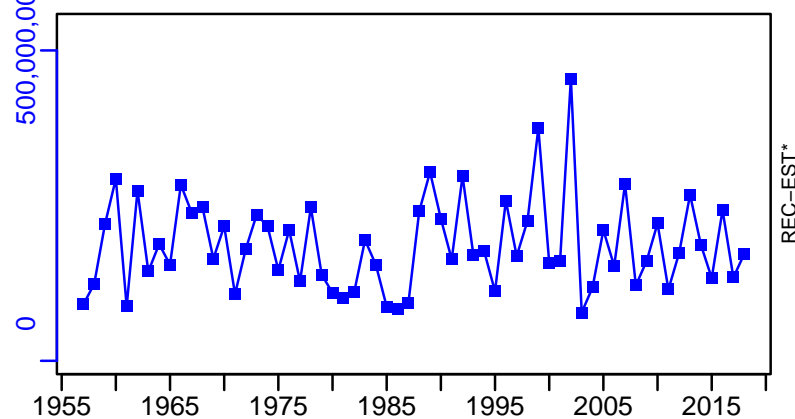
F-1/yr (1960–2021–ICESIMP2021–2)



ER-calc-ratio (1957–2019–ICESIMP2021)



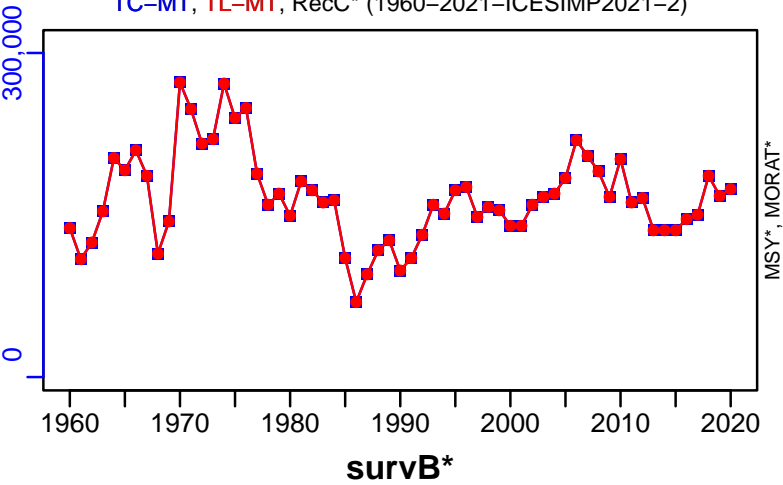
R-E00 (1960–2021–ICESIMP2021–2)



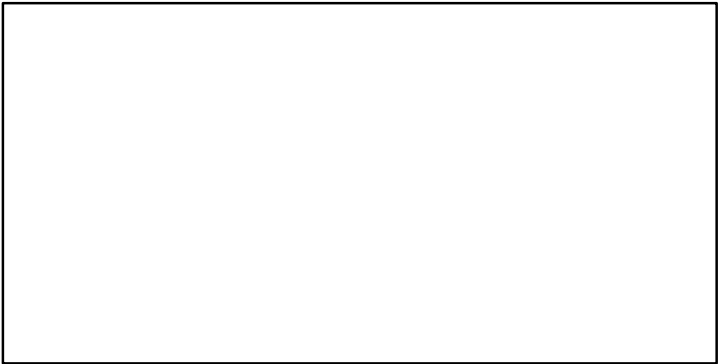


Saithe North-East Arctic [POLLNEAR]

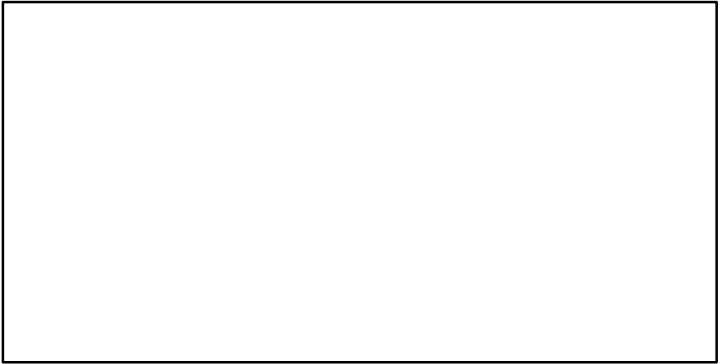
TC-MT, TL-MT, RecC\* (1960-2021-ICESIMP2021-2)



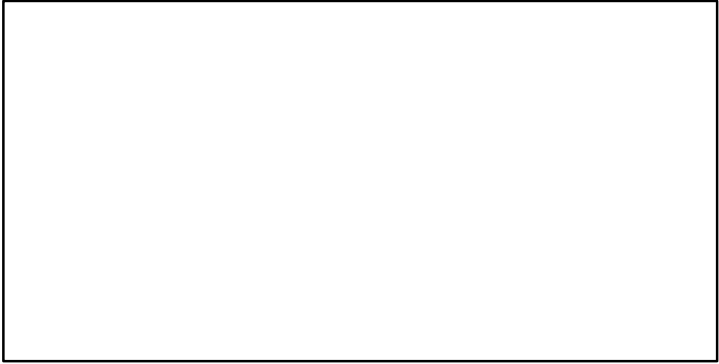
TAC\*, Cpair\*, Cadv\*



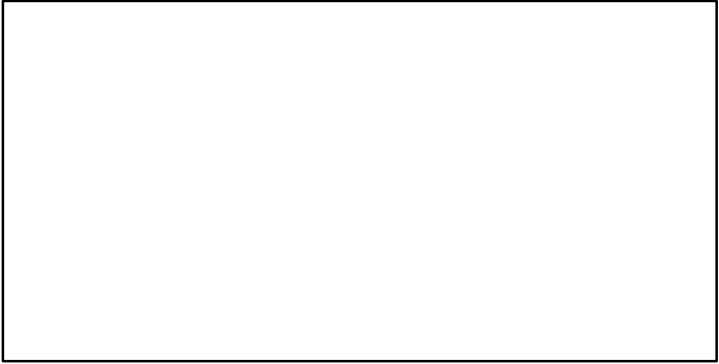
CPUE\*



EFFORT\*



CdivMSY\*



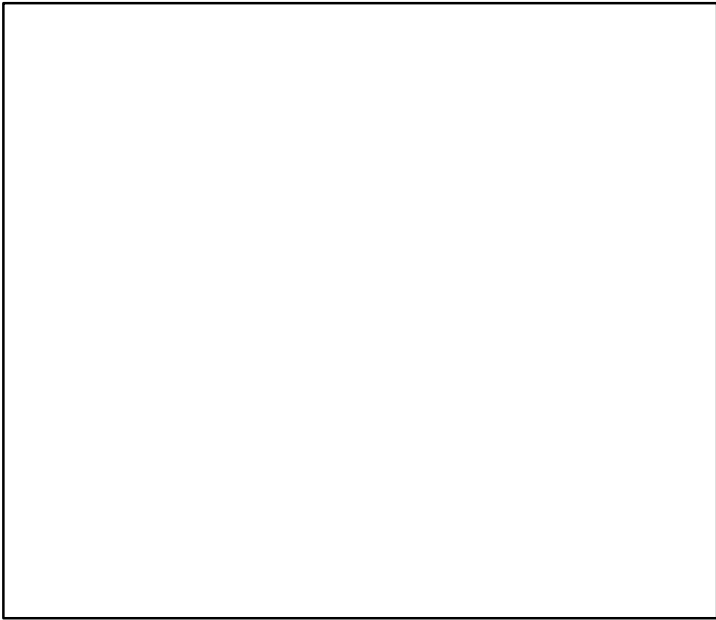
**Beaked redfish ICES 5-12-14 and NAFO Subareas 1-2 (deep)  
[REDDEEPDP-1-2-V-XII-XIV]**

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

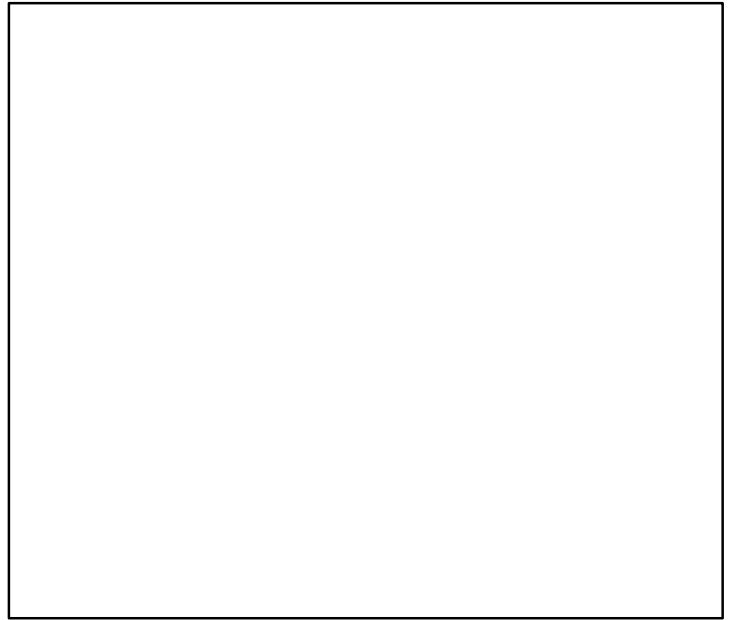
Reference Points			
Type	ID	Asmt Year	Value
<b>TBmsy</b>	-	-	-
<b>SSBmsy</b>	-	-	-
<b>Fmsy</b>	Fmsy-relative	2019	0.131
<b>ERmsy</b>	-	-	-
<b>TBmgt</b>	-	-	-
<b>SSBmgt</b>	-	-	-
<b>Fmgt</b>	Fmgt-relative	2019	0.131
<b>ERmgt</b>	-	-	-
<b>TB0</b>	-	-	-
<b>SSB0</b>	-	-	-
<b>MSY</b>	-	-	-
<b>M</b>	-	-	-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

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

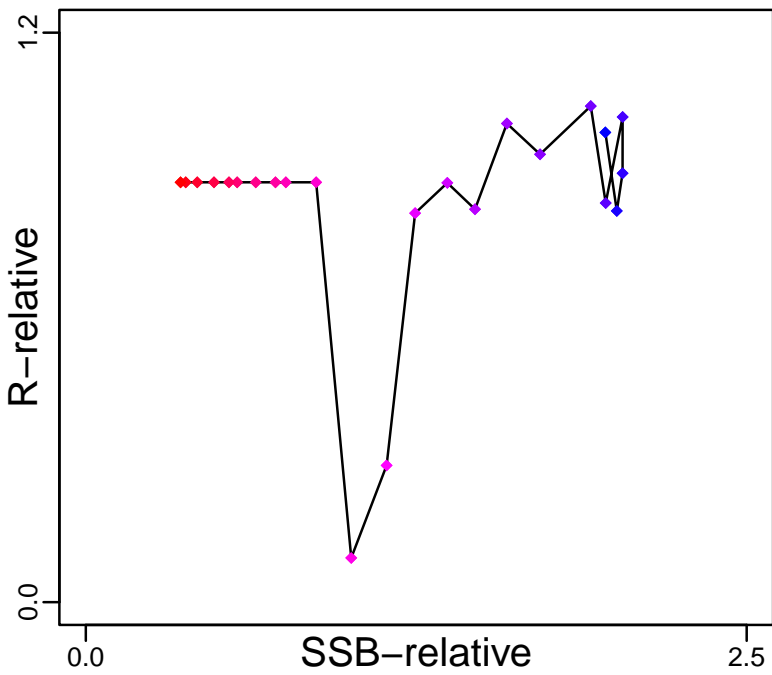
**Kobe MSY\***



**Kobe MGT\***

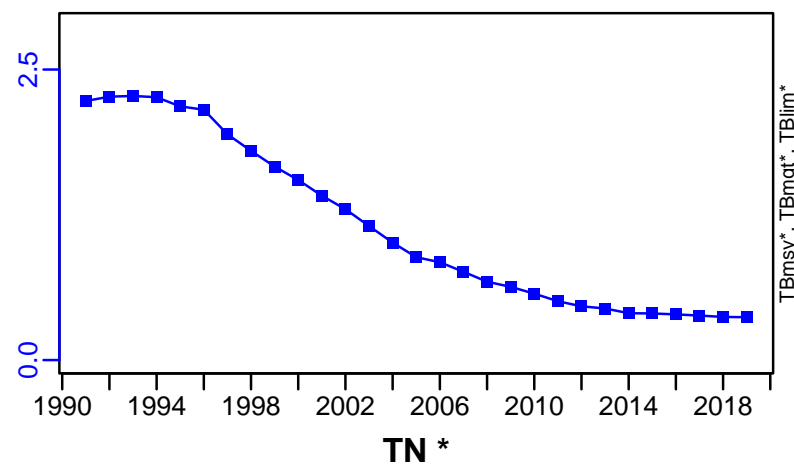


Spawner Recruit (1980–2019–ICESIMP2021)

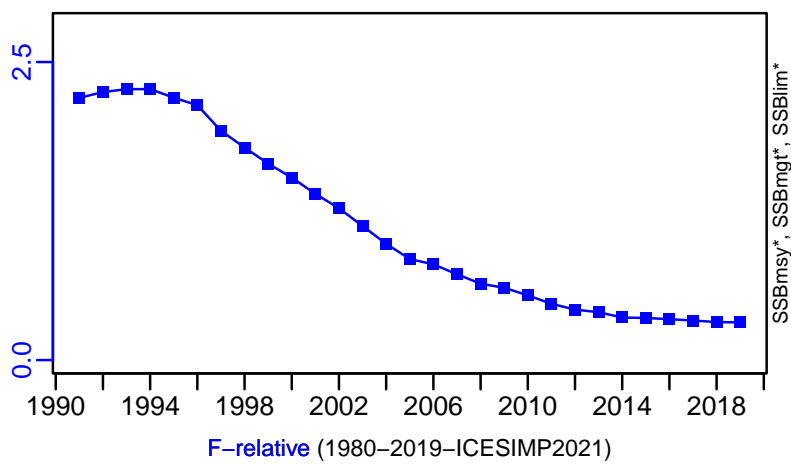


# Beaked redfish ICES 5–12–14 and NAFO Subareas 1–2 (deep) [REDDEEPDP-1-2-V-XII-XIV]

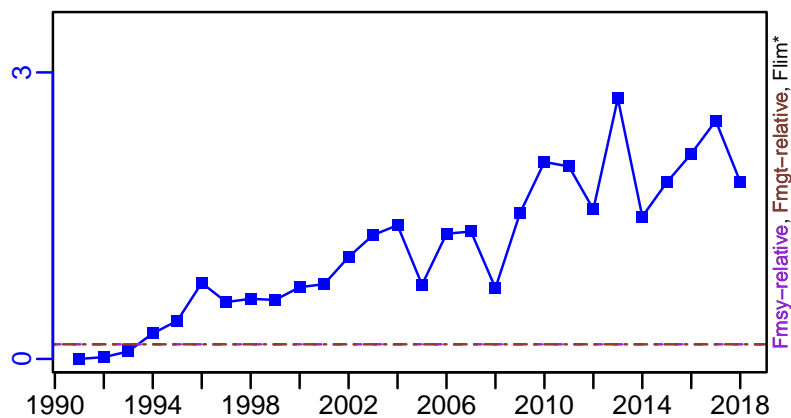
TB-relative (1980–2019–ICESIMP2021)



SSB-relative (1980–2019–ICESIMP2021)



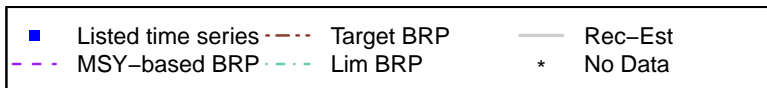
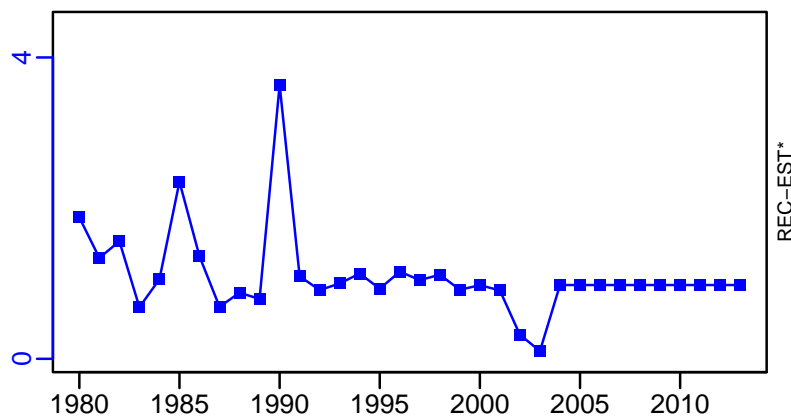
F-relative (1980–2019–ICESIMP2021)



ER\*

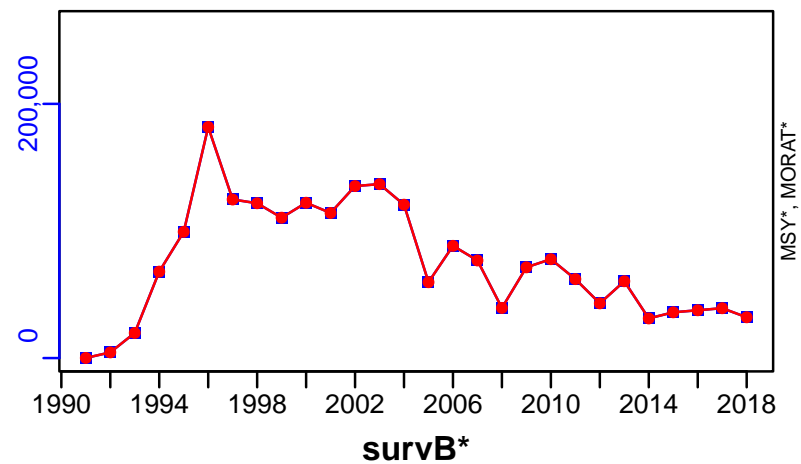


R-relative (1980–2019–ICESIMP2021)

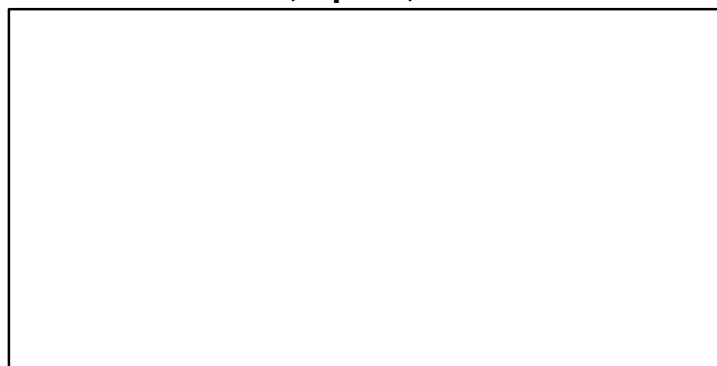


# Beaked redfish ICES 5–12–14 and NAFO Subareas 1–2 (deep) [REDDEEPDP–1–2–V–XII–XIV]

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



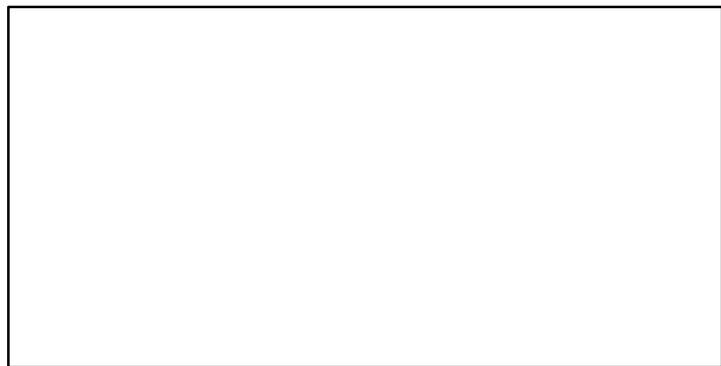
TAC\*, Cpair\*, Cadv\*



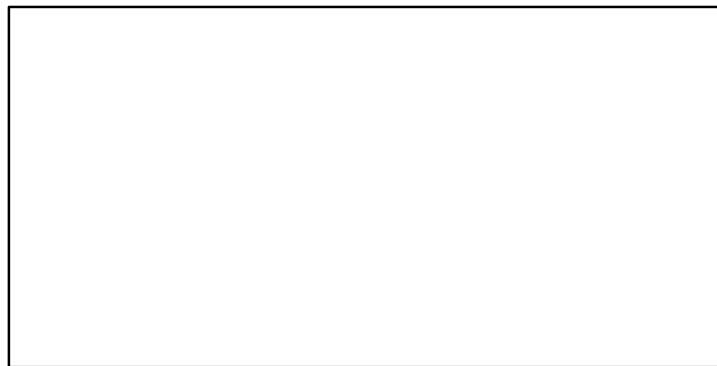
CPUE\*



EFFORT\*



CdivMSY\*



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

## Deepwater redfish North-East Arctic [REDDEEPI-II]

Metadata	
<b>Scientific Name</b>	Sebastes mentella
<b>Current Assess ID</b>	NWWG-REDDEEPI-II-1952-2020-ICESIMP2021-2
<b>Area</b>	North-East Arctic
<b>Management Authority</b>	International Council for the Exploration of the Sea
<b>Assessor</b>	North-Western Working Group
<b>Asmts in RAM</b>	2006, 2018, 2020, 2014, 2016

Reference Points			
Type	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	-	-	-
Fmsy	-	-	-
ERmsy	-	-	-
TBmgt	-	-	-
SSBmgt	-	-	-
Fmgt	-	-	-
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	-	-	-
M	-	-	-
TBlim	-	-	-
SSBlim	SSBlim-MT	2020	227,000
Flim	-	-	-
ERlim	-	-	-

Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	TB-MT	2016	1,260,000	Both	-
SSB	SSB-MT	2020	918,000	-	-
TN	-	-	-	-	-
R	R-E00	2020	$2.65 \times 10^8$	-	2
F	F-1/yr	2018	0.039	-	19+
ER	ER-ratio	2020	0.045	-	-
TC	TC-MT	2020	46,000		
TL	TL-MT	2018	31,201		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

# Deepwater redfish North-East Arctic [REDDEEPI-II]

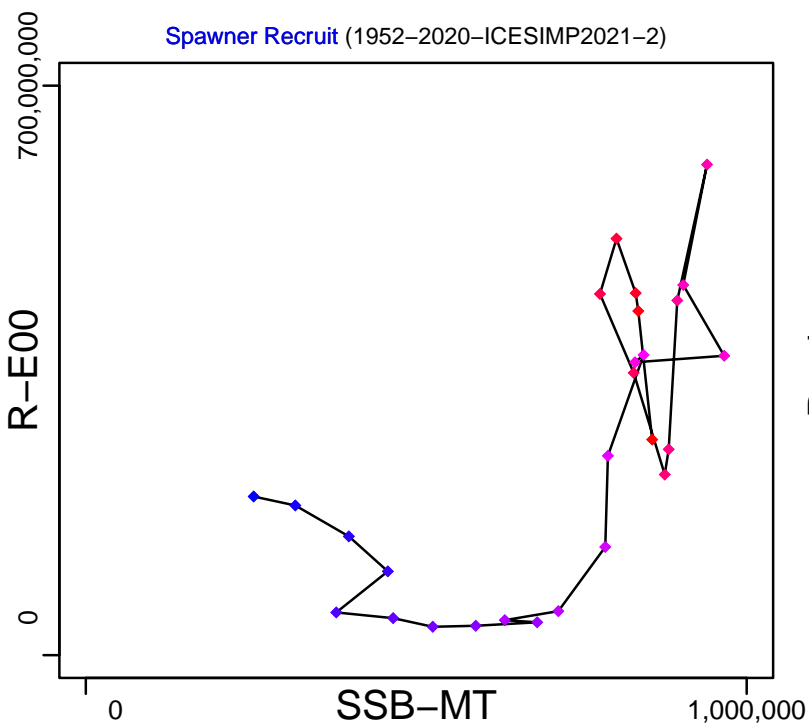
Kobe MSY\*



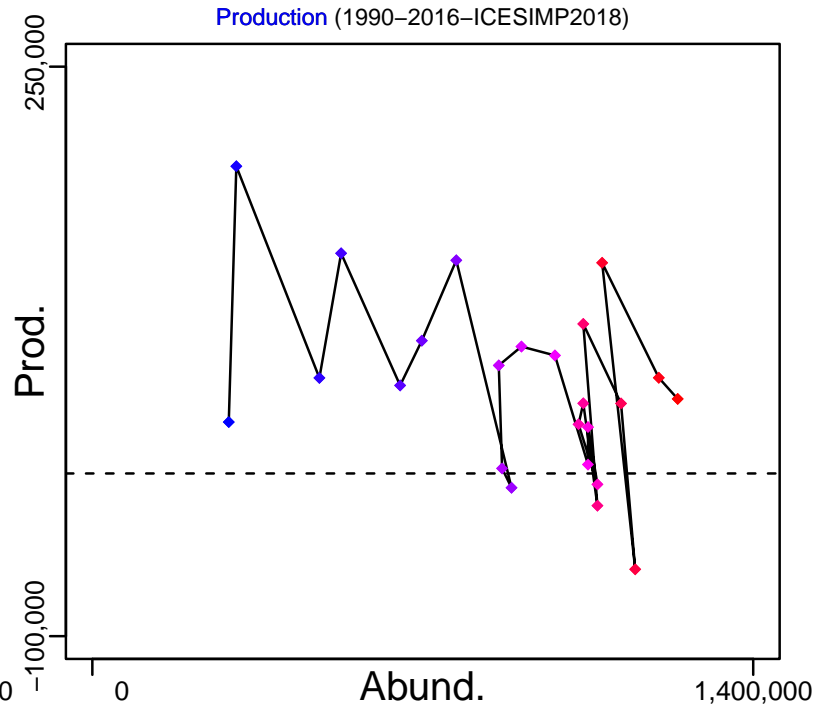
Kobe MGT\*



Spawner Recruit (1952–2020–ICESIMP2021–2)



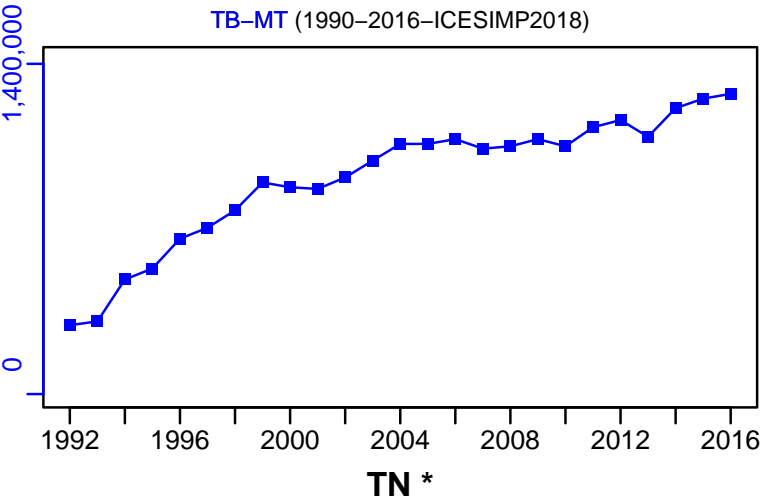
Production (1990–2016–ICESIMP2018)



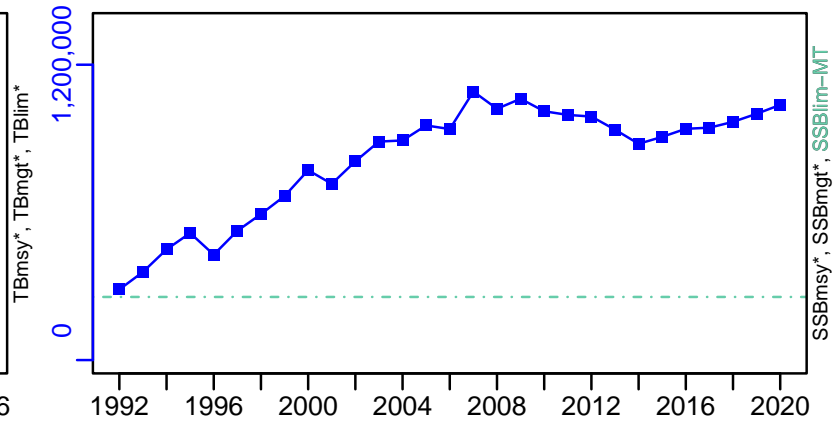
◆ Start Year ◆ End Year \* No Data

# Deepwater redfish North-East Arctic [REDDEEPI-II]

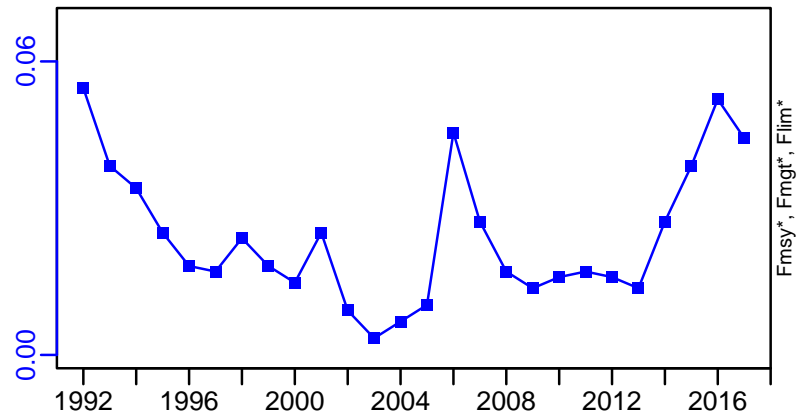
TB-MT (1990–2016–ICESIMP2018)



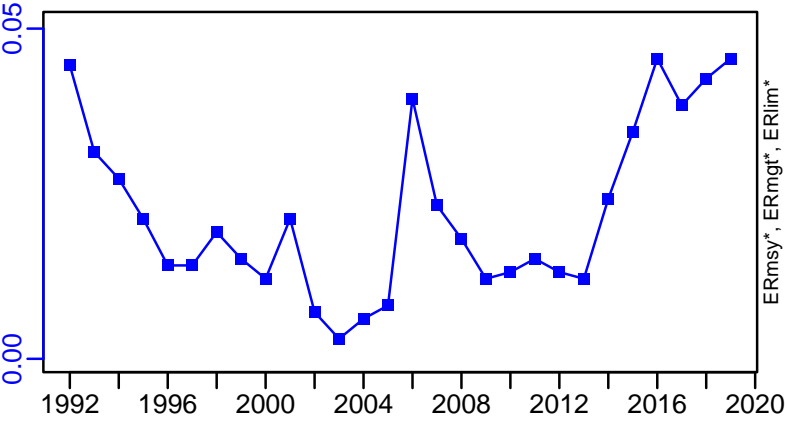
SSB-MT (1952–2020–ICESIMP2021–2)



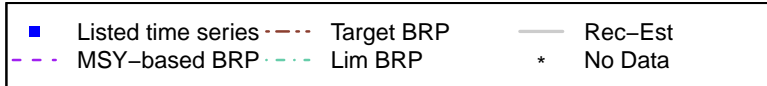
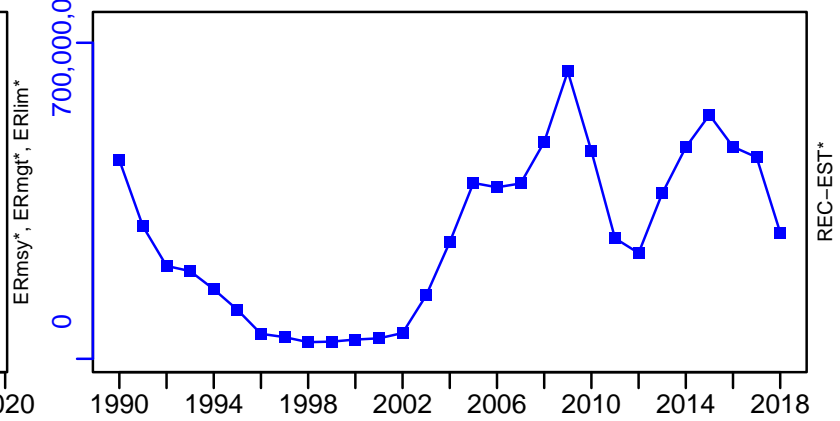
F-1/yr (1952–2018–ICESIMP2021)



ER-ratio (1952–2020–ICESIMP2021–2)



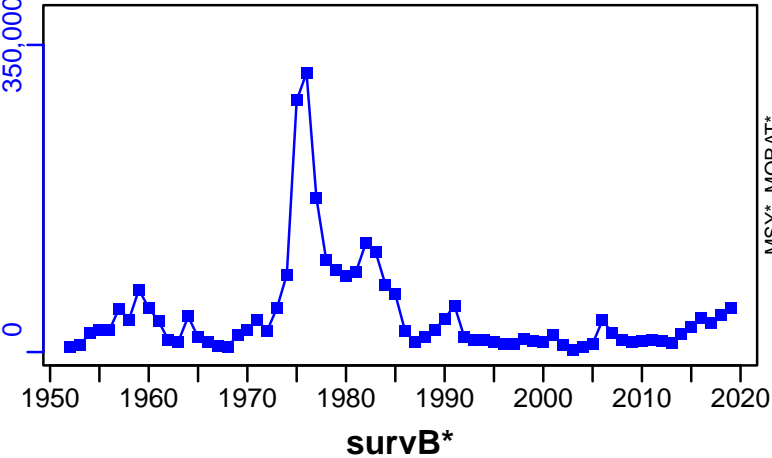
R-E00 (1952–2020–ICESIMP2021–2)



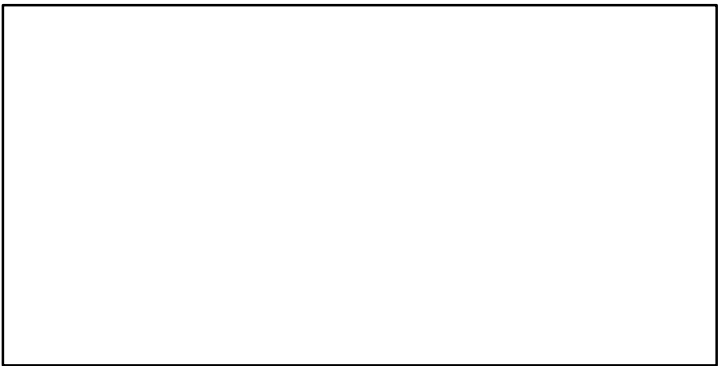


Deepwater redfish North-East Arctic [REDDEEPI-II]

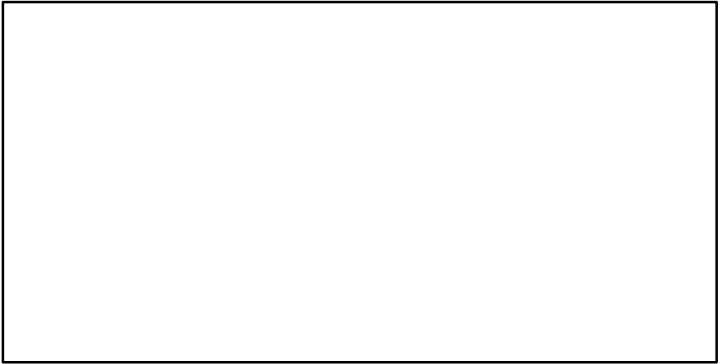
TC-MT, TL\*, RecC\* (1952-2020-ICESIMP2021-2)



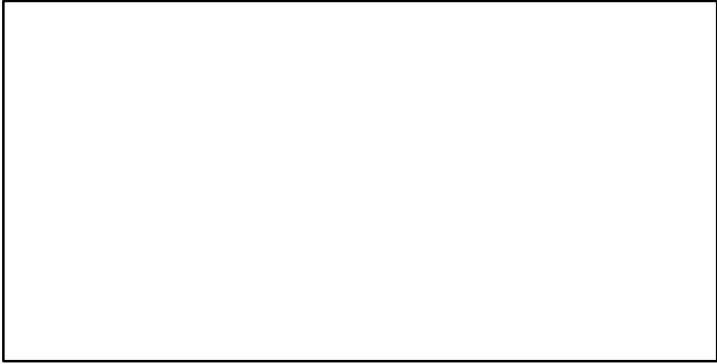
TAC\*, Cpair\*, Cadv\*



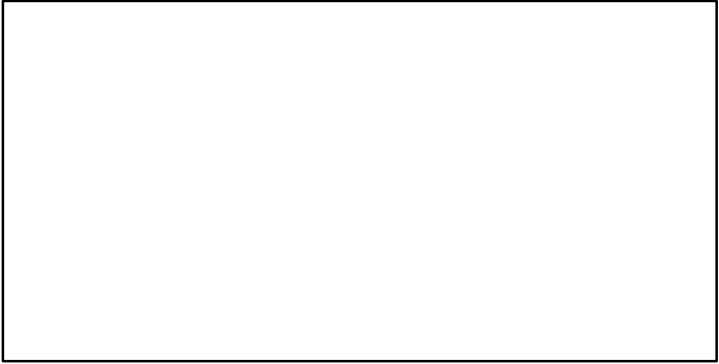
CPUE\*



EFFORT\*



CdivMSY\*



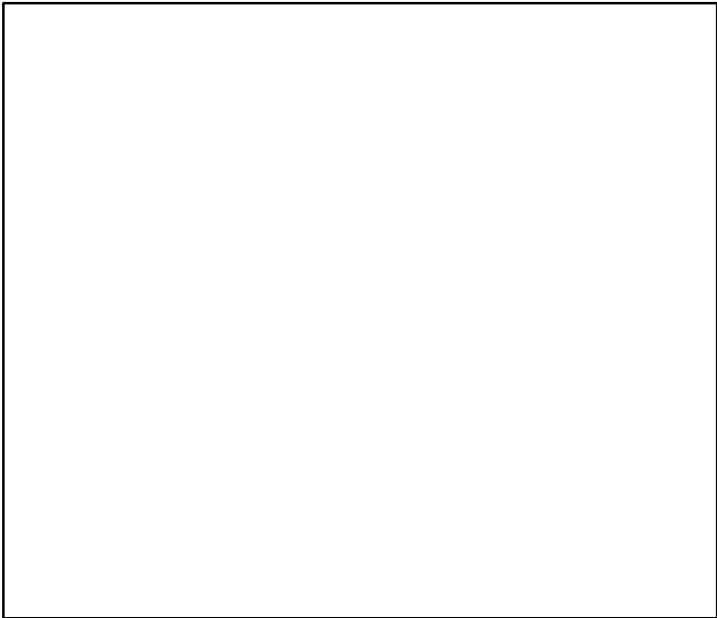
**Beaked redfish ICES 5-12-14 and NAFO Subareas 1-2 (shallow)  
[REDDEEPSH1-2-V-XII-XIV]**

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

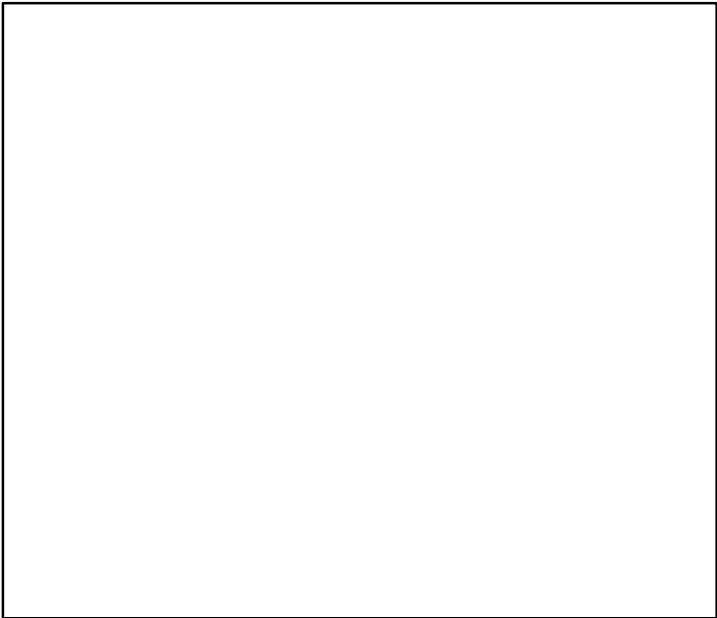
Reference Points			
Type	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	-	-	-
Fmsy	-	-	-
ERmsy	-	-	-
TBmgt	-	-	-
SSBmgt	-	-	-
Fmgt	-	-	-
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	-	-	-
M	-	-	-
TBlim	-	-	-
SSBlim	-	-	-
Flim	-	-	-
ERlim	-	-	-

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

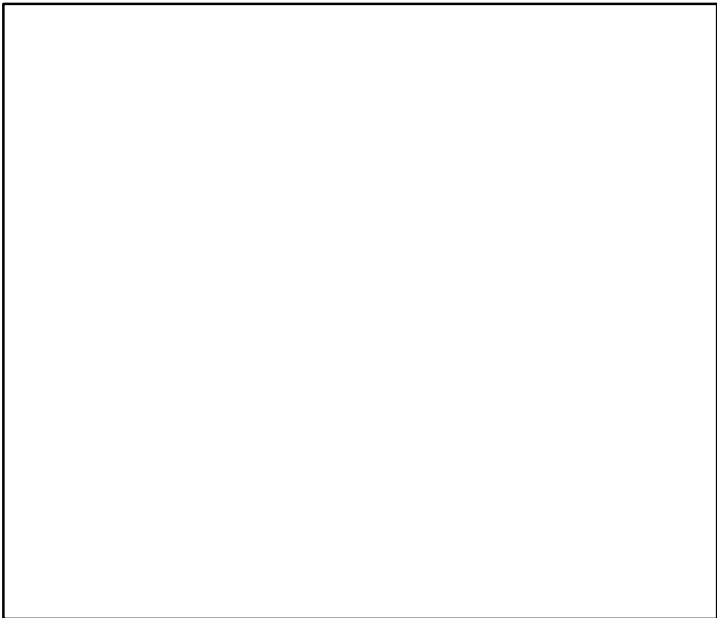
**Kobe MSY\***



**Kobe MGT\***



**Spawner Recruit\***

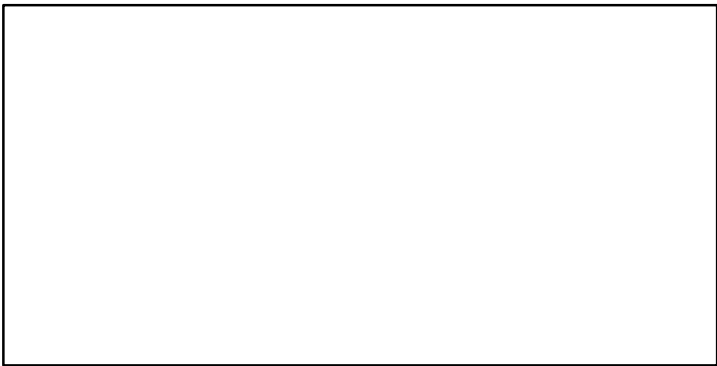


**Production\***

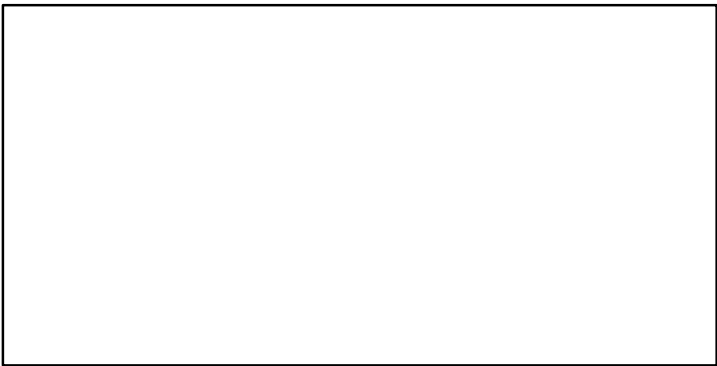


◆ Start Year   ◆ End Year   \* No Data

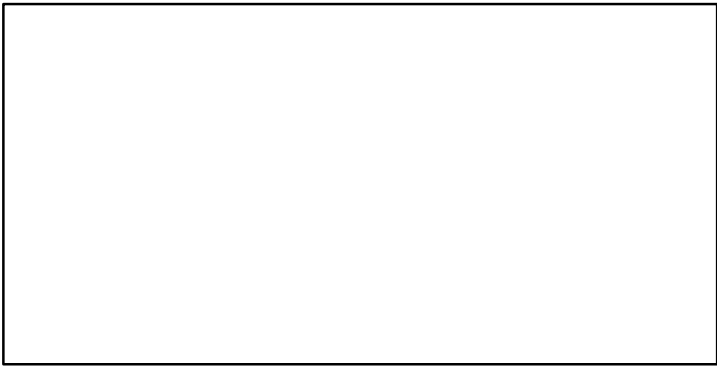
**TB\***



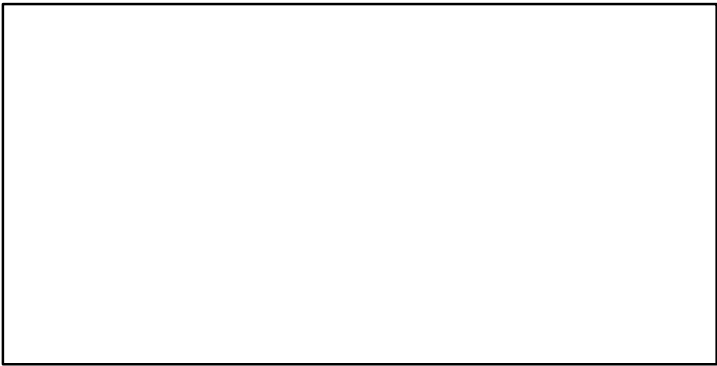
**SSB\***



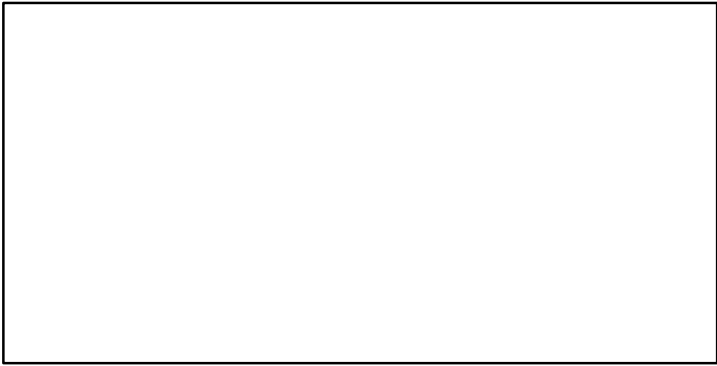
**TN \***



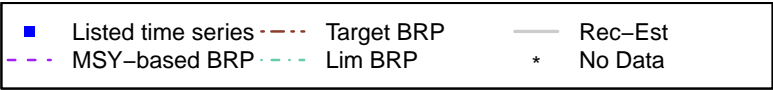
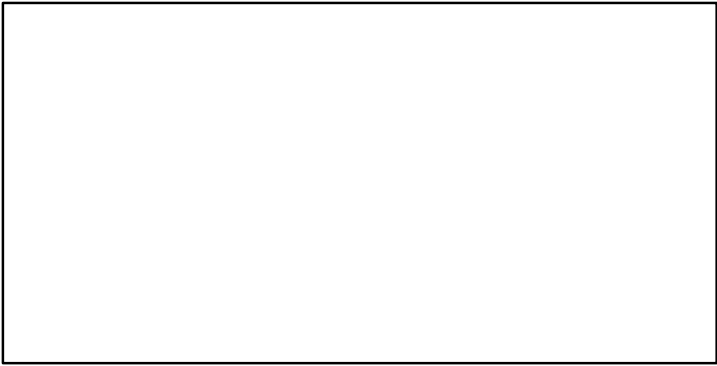
**F\***



**ER\***



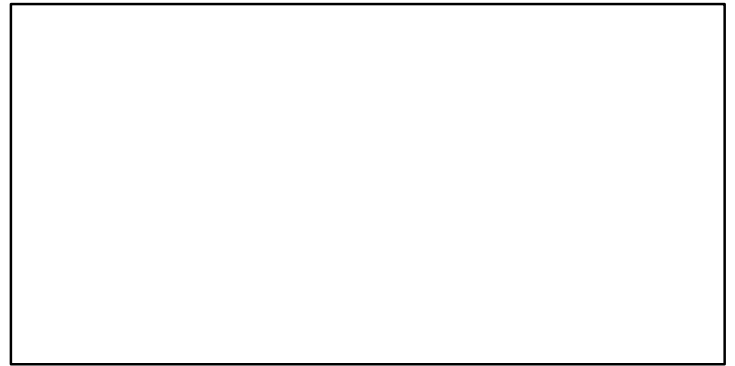
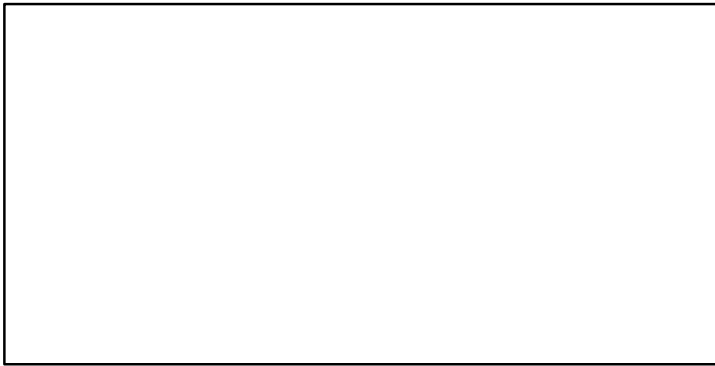
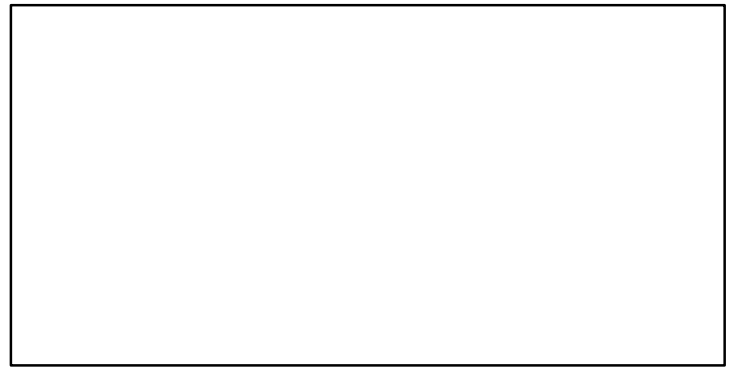
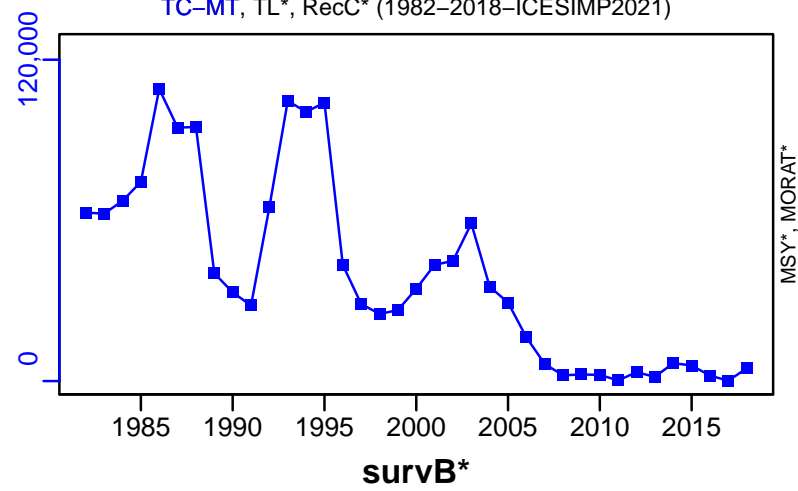
**Recruits\***



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

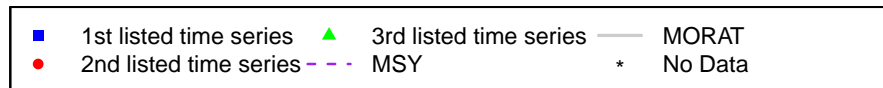
TC–MT, TL\*, RecC\* (1982–2018–ICESIMP2021)

TAC\*, Cpair\*, Cadv\*



EFFORT\*

CdivMSY\*



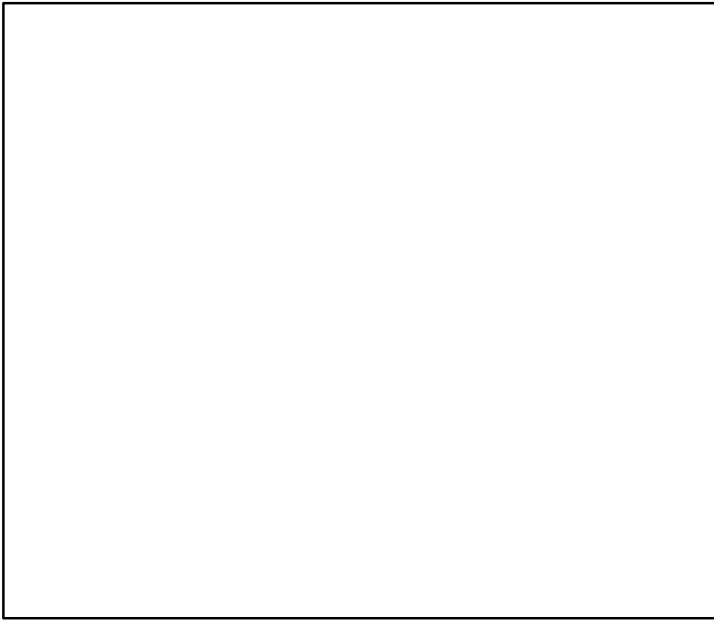
## Beaked redfish ICES 5a-14 [REDDEEPVa-XIV]

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

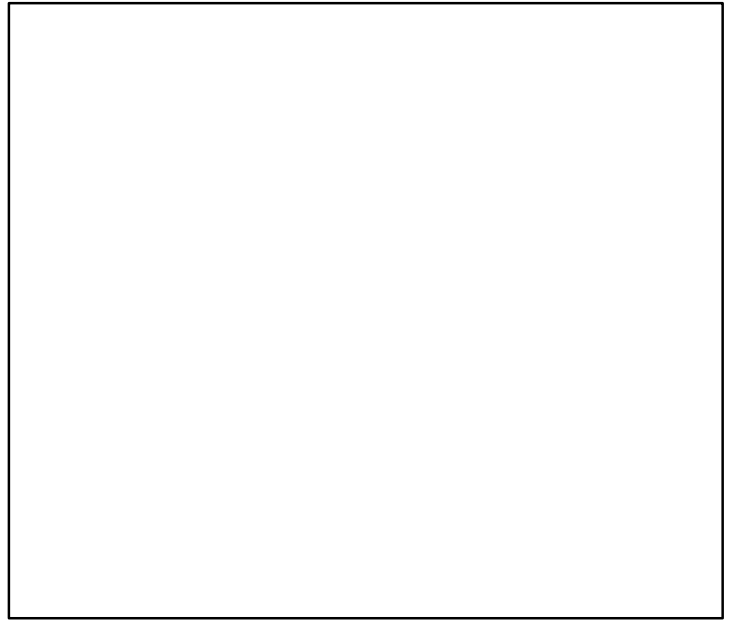
Reference Points			
Type	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	-	-	-
Fmsy	-	-	-
ERmsy	-	-	-
TBmgt	-	-	-
SSBmgt	-	-	-
Fmgt	-	-	-
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	-	-	-
M	-	-	-
TBlim	-	-	-
SSBlim	-	-	-
Flim	-	-	-
ERlim	-	-	-

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	-	-	-		

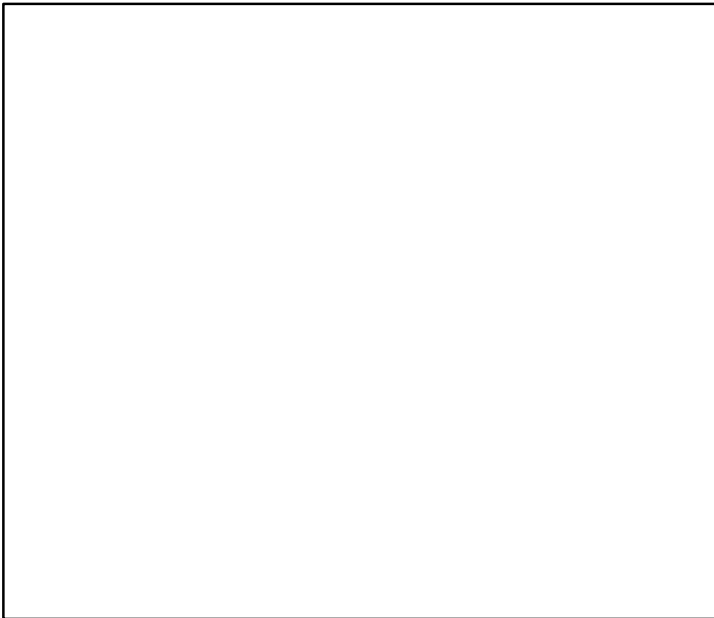
**Kobe MSY\***



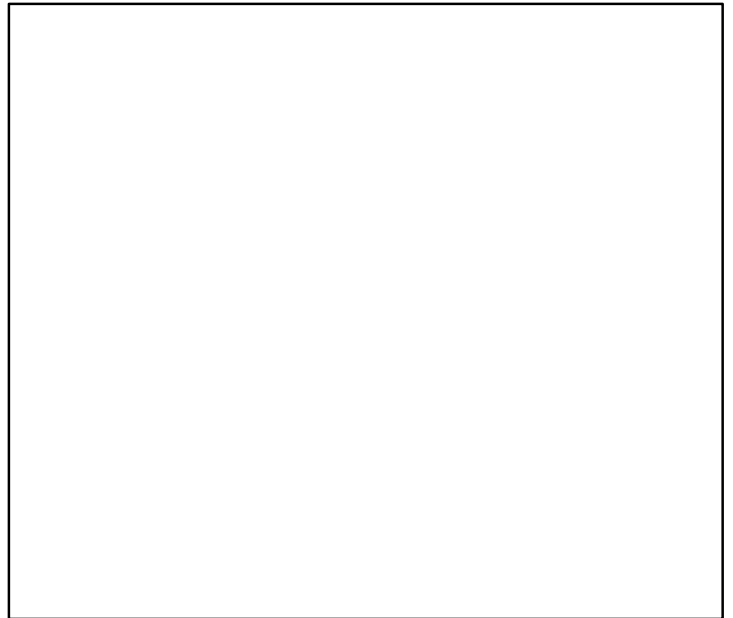
**Kobe MGT\***



**Spawner Recruit\***



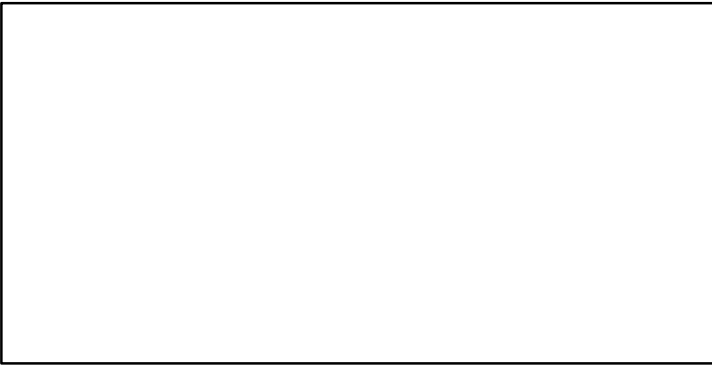
**Production\***



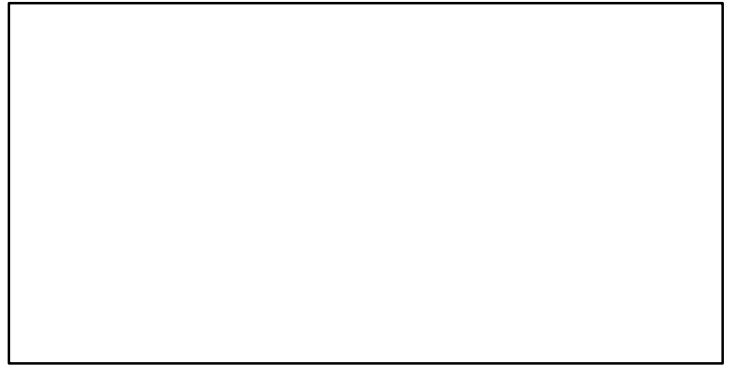
◆ Start Year ◆ End Year \* No Data

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

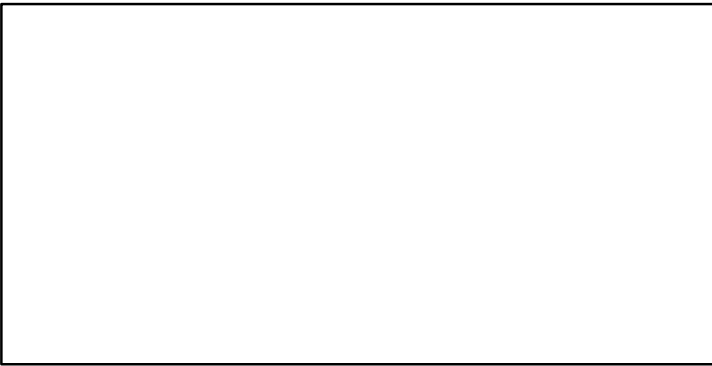
**TB\***



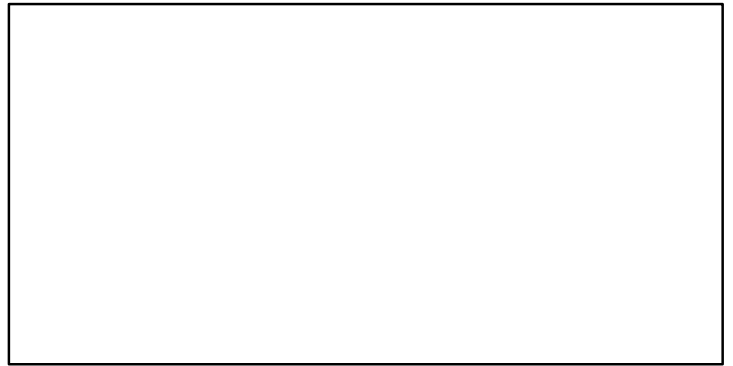
**SSB\***



**TN \***



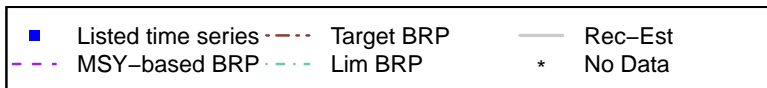
**F\***



**ER\***



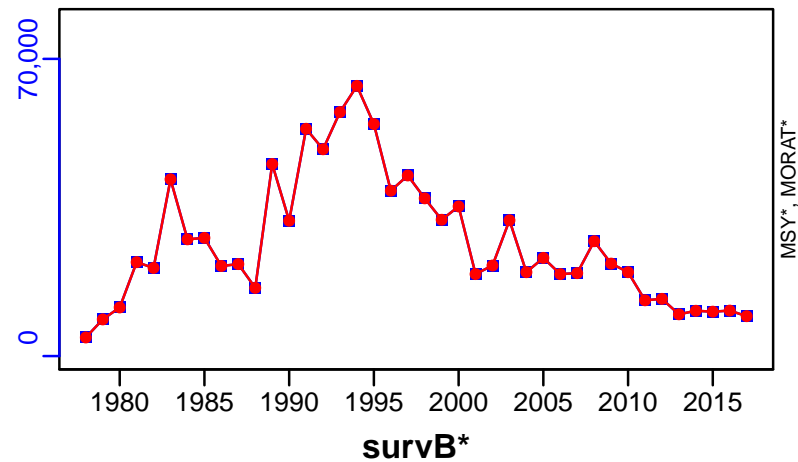
**Recruits\***



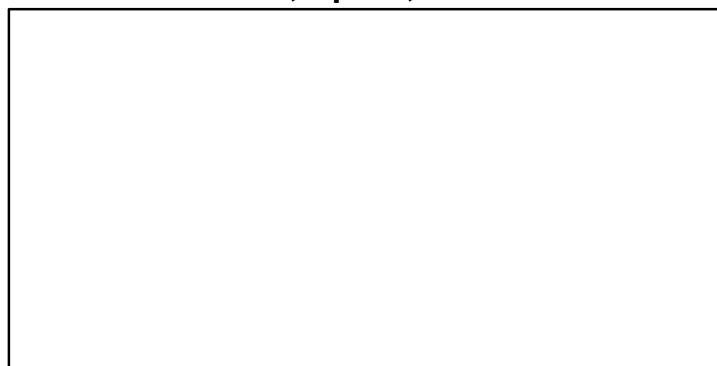


# Beaked redfish ICES 5a-14 [REDDEEPVa-XIV]

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



TAC\*, Cpair\*, Cadv\*



CPUE\*



EFFORT\*



CdivMSY\*

