

Europe non EU Stocks

v4.44 (Dec-21-2018)

Not present Present Preferred

Stock	Time Series Types			
	B/Bmsy	U/Umsy	B/Bmgt	U/Umgt
1. BLINGVa-XIV [Blue ling Va and XIV]	TB SSB	ER F	TB SSB	ER F
2. BLINGVb-VI-VII [Blue ling Vb-VI-VII]	TB SSB	ER F	TB SSB	ER F
3. CAPEIIa-V-XIV [Capelin IIa-V-XIV]	TB SSB	ER F	TB SSB	ER F
4. CAPENOR [Capelin Barents Sea]	TB SSB	ER F	TB SSB	ER F
5. COD1IN [Atlantic cod NAFO Subarea 1 (inshore)]	TB SSB	ER F	TB SSB	ER F
6. CODFABNK [Atlantic cod Faroe Bank]	TB SSB	ER F	TB SSB	ER F
7. CODFAPL [Atlantic cod Faroe Plateau]	TB SSB	ER F	TB SSB	ER F
8. CODlabdce [Atlantic cod ICES labdce]	TB SSB	ER F	TB SSB	ER F
9. CODICE [Atlantic cod Iceland]	TB SSB	ER F	TB SSB	ER F
10. CODIf-XIV [Atlantic cod ICES If-XIV]	TB SSB	ER F	TB SSB	ER F
11. CODNEAR [Atlantic cod Northeast Arctic]	TB SSB	ER F	TB SSB	ER F
12. CODNEARNCW [Atlantic cod Northeast Arctic (Norwegian coastal waters)]	TB SSB	ER F	TB SSB	ER F
13. CUSKI-II [Tusk North-East Arctic]	TB SSB	ER F	TB SSB	ER F
14. GHALNEAR [Greenland halibut Northeast Arctic]	TB SSB	ER F	TB SSB	ER F
15. GOLDREDNEAR [Golden Redfish Northeast Arctic]	TB SSB	ER F	TB SSB	ER F
16. GSSMELTVa-XIV [Greater silver smelt Va and XIV]	TB SSB	ER F	TB SSB	ER F
17. GSSMELTVb-VIa [Greater silver smelt ICES Vb-VIa]	TB SSB	ER F	TB SSB	ER F
18. HADFAPL [Haddock Faroe Plateau]	TB SSB	ER F	TB SSB	ER F
19. HADICE [Haddock Iceland]	TB SSB	ER F	TB SSB	ER F
20. HADNEAR [Haddock Northeast Arctic]	TB SSB	ER F	TB SSB	ER F
21. HERRIsum [Herring Iceland (Summer spawners)]	TB SSB	ER F	TB SSB	ER F
22. HERRNORSS [Norwegian Spring Spawning Herring]	TB SSB	ER F	TB SSB	ER F
23. LINGI-II [Ling North-East Arctic]	TB SSB	ER F	TB SSB	ER F
24. LINGVb [Ling Faroe Grounds]	TB SSB	ER F	TB SSB	ER F
25. PANDALI-II [Northern shrimp North-East Arctic]	TB SSB	ER F	TB SSB	ER F
26. POLLFAPL [Pollock Faroe Plateau]	TB SSB	ER F	TB SSB	ER F
27. POLLIEG [Pollock Iceland Grounds]	TB SSB	ER F	TB SSB	ER F
28. POLLNEAR [Pollock Northeast Arctic]	TB SSB	ER F	TB SSB	ER F
29. REDDEEPDP-1-2-V-XII-XIV [Beaked Redfish Areas V-XII-XIV and NAFO Subareas 1-2 (deep)]	TB SSB	ER F	TB SSB	ER F
30. REDDEEPI-II [Deepwater Redfish Northeast Arctic]	TB SSB	ER F	TB SSB	ER F
31. REDDEEPSH1-2-V-XII-XIV [Beaked Redfish Areas V-XII-XIV and NAFO Subareas 1-2 (shallow)]	TB SSB	ER F	TB SSB	ER F
32. REDDEEPPVa-XIV [Beaked Redfish Va and XIV]	TB SSB	ER F	TB SSB	ER F

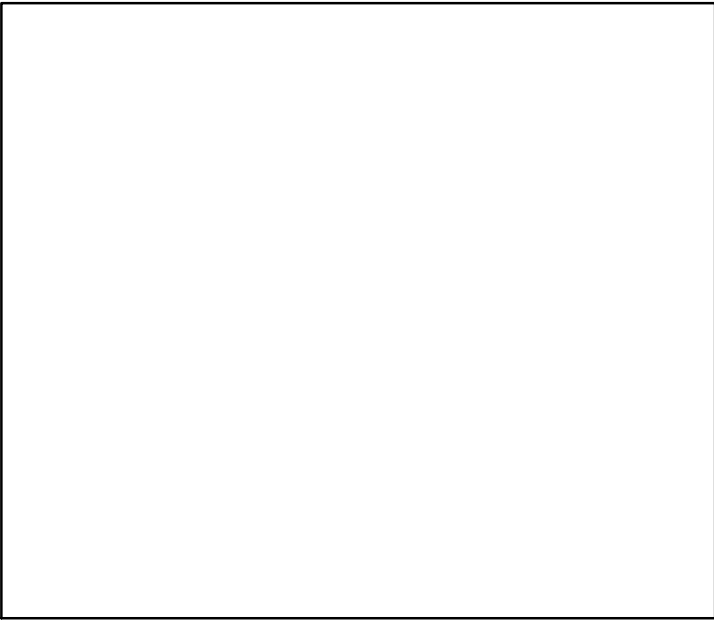
Blue ling Va and XIV [BLINGVa-XIV]

Metadata	
Scientific Name	Molva dypterygia
Current Assess ID	WGDEEP-BLINGVa-XIV-2000-2017-ICESIMP2018
Area	Va and XIV
Management Authority	International Council for the Exploration of the Sea
Assessor	Working Group on the Biology and Assessment of Deep-Sea Fisheries Resources
Asmts in RAM	2016, 2016, 2017

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

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

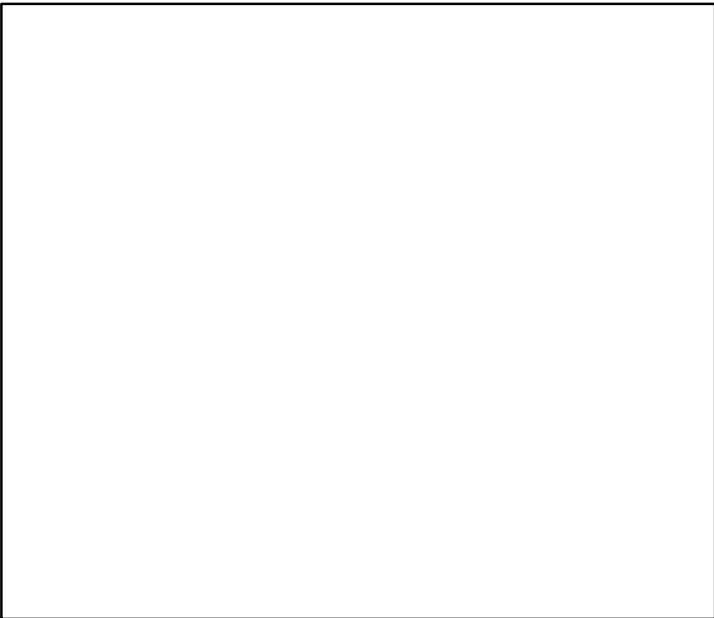
Kobe MSY*



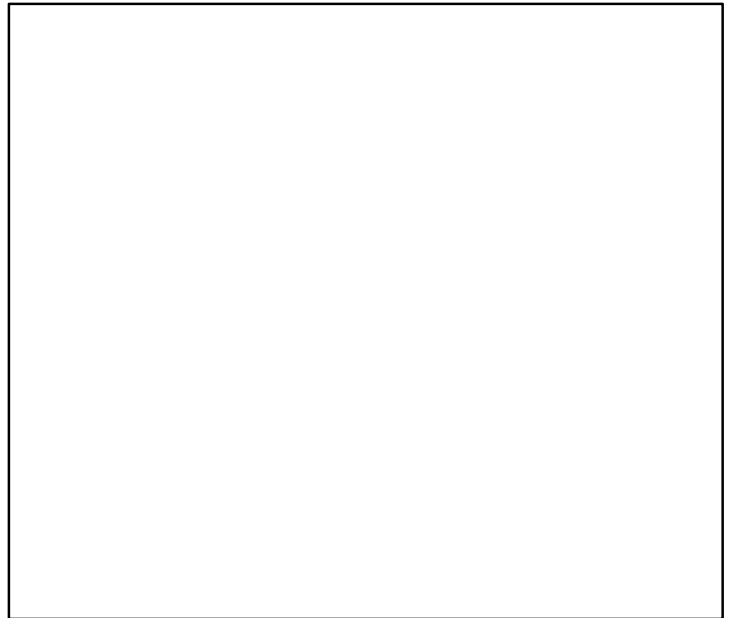
Kobe MGT*



Spawner Recruit*



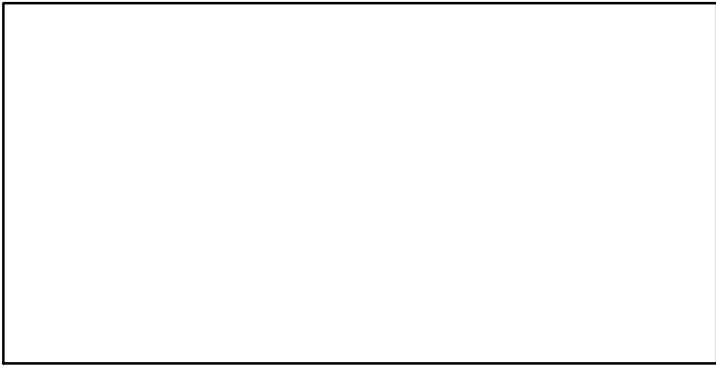
Production*



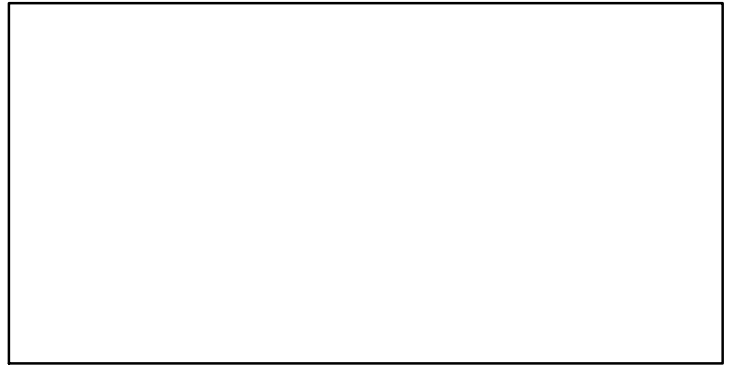
◆ Start Year ◆ End Year * No Data

Blue ling Va and XIV [BLINGVa-XIV]

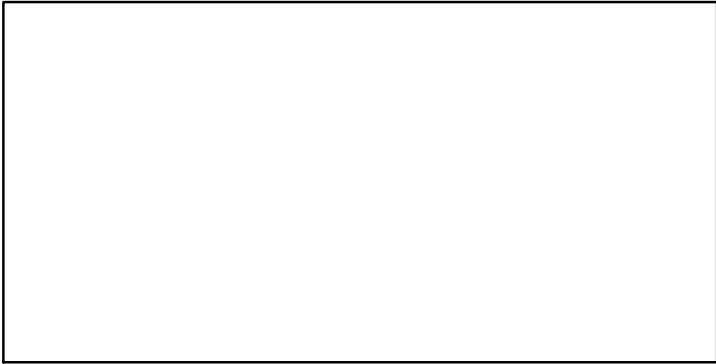
TB*



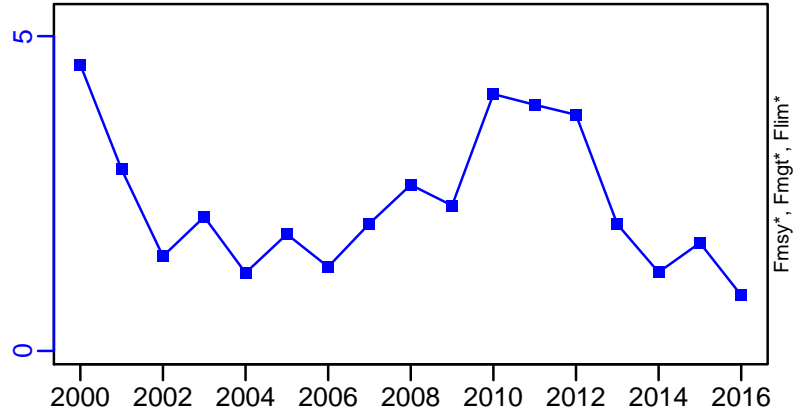
SSB*



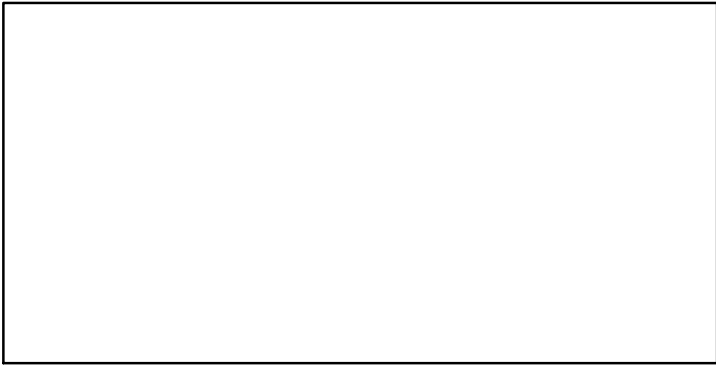
TN *



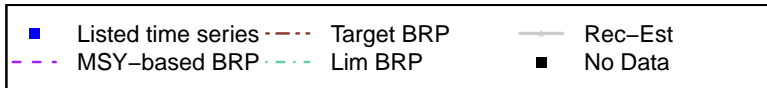
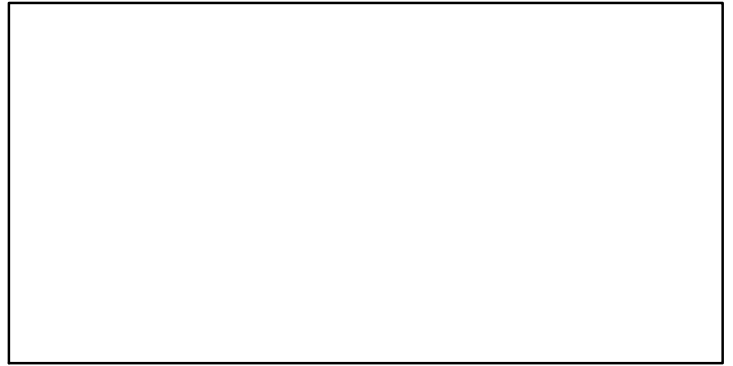
F-1/yr (2000-2016-ICESIMP2018)



ER*



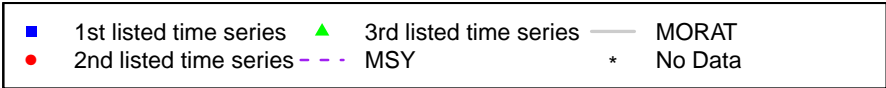
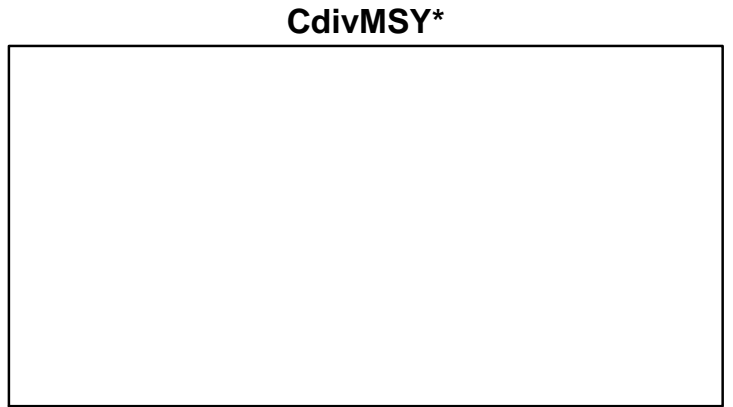
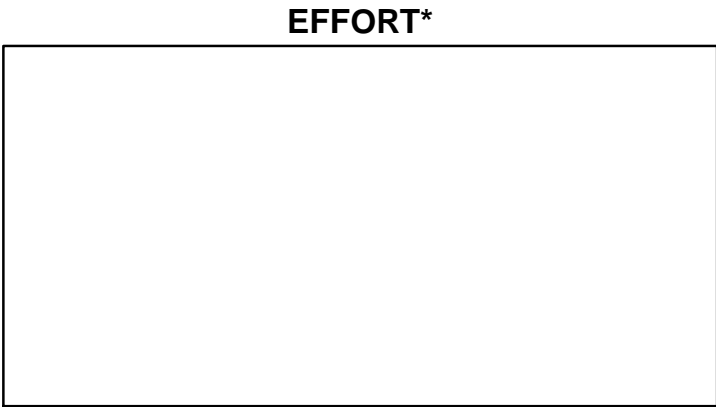
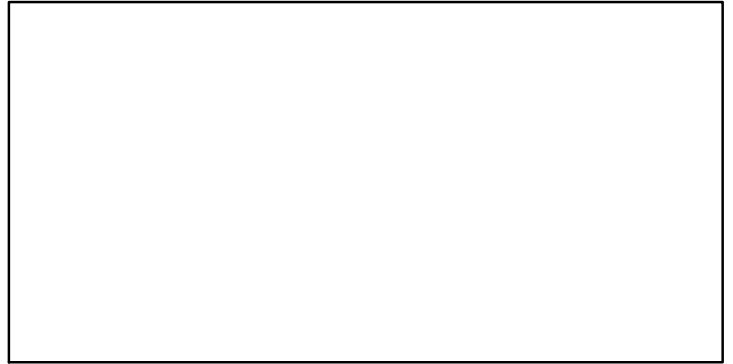
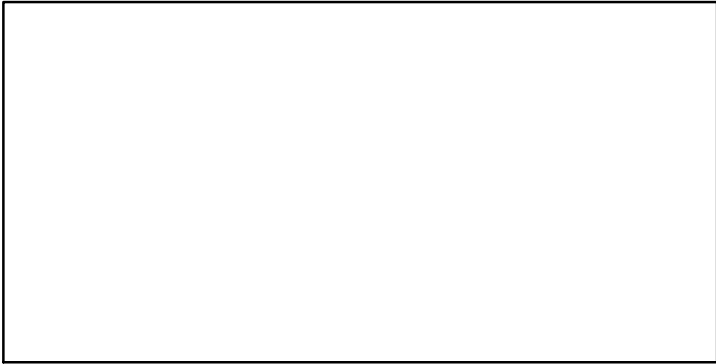
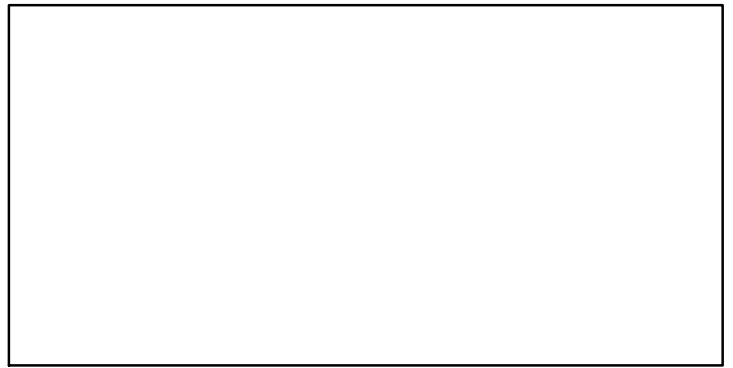
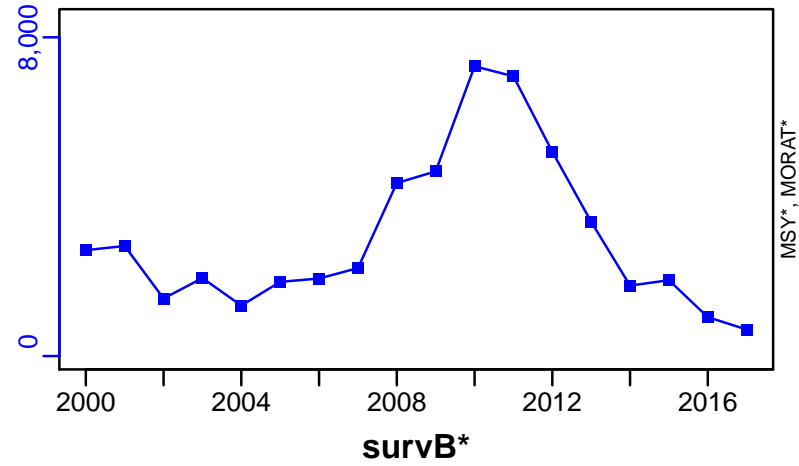
Recruits*



Blue ling Va and XIV [BLINGVa-XIV]

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

TAC*, Cpair*, Cadv*



Blue ling Vb-VI-VII [BLINGVb-VI-VII]

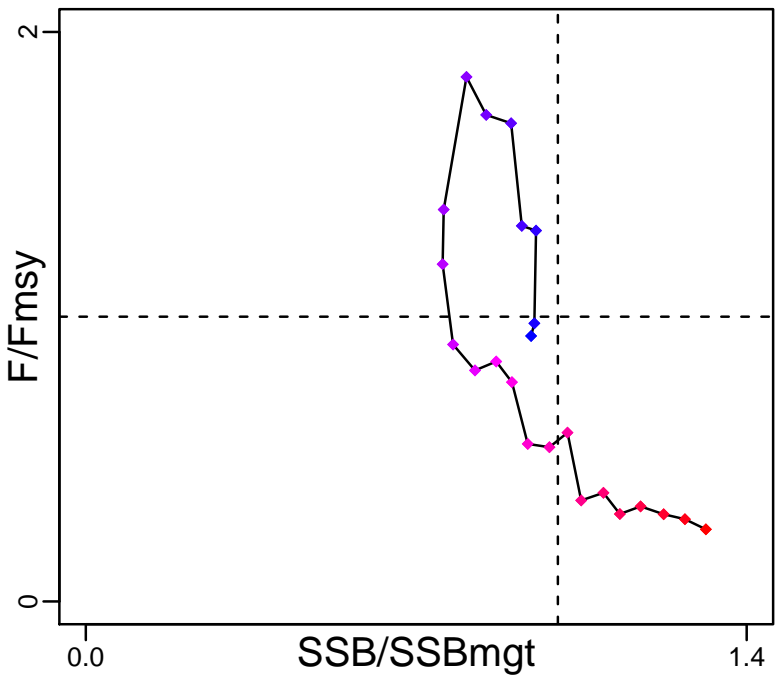
Metadata	
Scientific Name	Molva dypterygia
Current Assess ID	WGDEEP-BLINGVb-VI-VII-1966-2018-ICESIMP2018
Area	Vb-VI-VII
Management Authority	International Council for the Exploration of the Sea
Assessor	Working Group on the Biology and Assessment of Deep-Sea Fisheries Resources
Asmts in RAM	2016, 2018, 2014

Reference Points			
Type	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	-	-	-
Fmsy	Fmsy-1/yr	2018	0.12
ERmsy	-	-	-
TBmgt	-	-	-
SSBmgt	SSBmgt-MT	2018	75,000
Fmgt	Fmgt-1/yr	2018	0.12
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	-	-	-
M	-	-	-
TBlim	-	-	-
SSBlim	SSBlim-MT	2018	54,000
Flim	Flim-1/yr	2018	0.17
ERlim	-	-	-

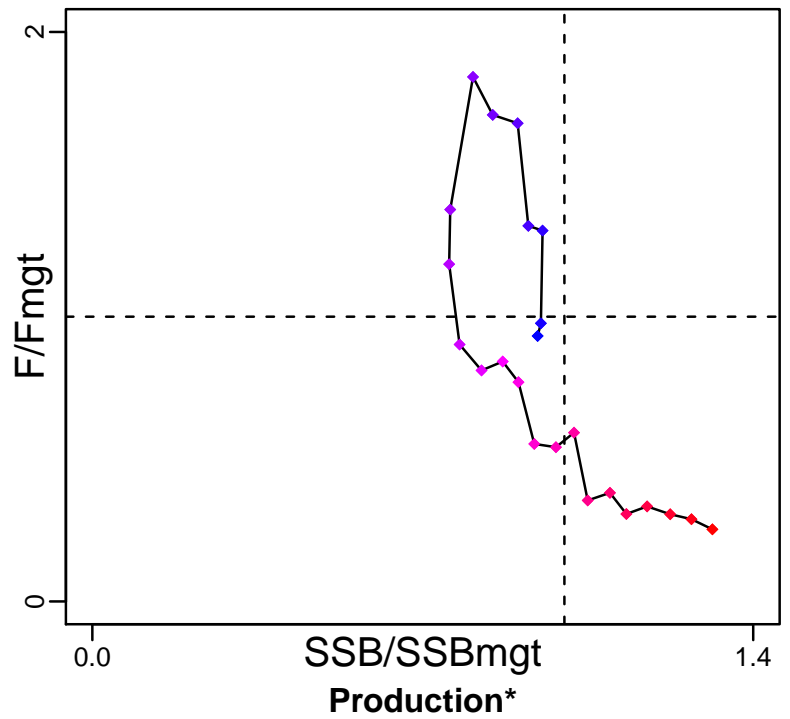
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	-	-	-	-	-
SSB	SSB-MT	2018	102,000	Both	-
TN	-	-	-	-	-
R	R-E00	2018	3,480,000	-	9
F	F-1/yr	2018	0.03	-	9 to 19
ER	-	-	-	-	-
TC	TC-MT	2018	2670		
TL	TL-MT	2018	2670		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	F-1/yr/Fmsy-1/yr	2018	0.253		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2018	1.353		
F/Fmgt	F-1/yr/Fmgt-1/yr	2018	0.253		
ER/ERmgt	-	-	-		

Blue ling Vb-VI-VII [BLINGVb-VI-VII]

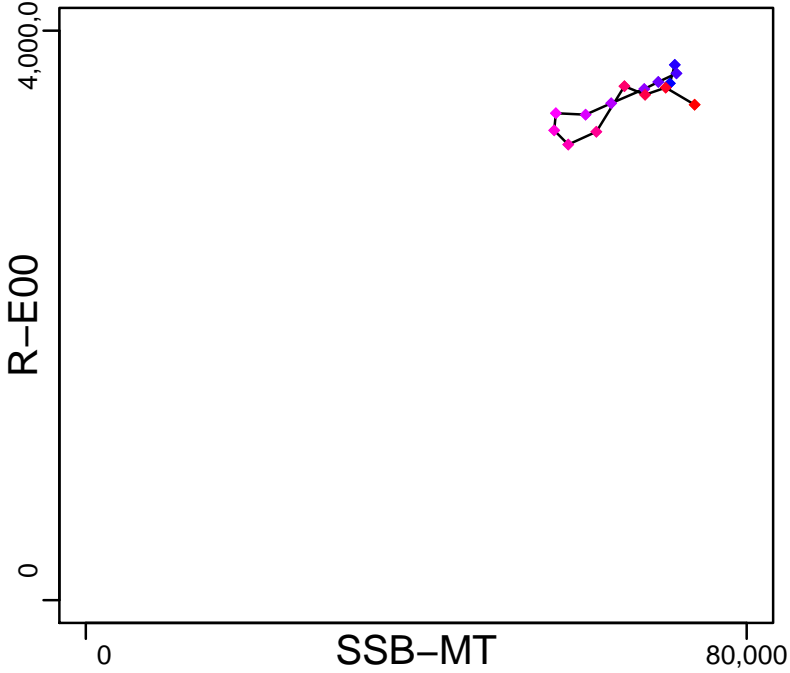
Kobe MSYpref (1966-2018-ICESIMP2018)



Kobe MGTpref (1966-2018-ICESIMP2018)



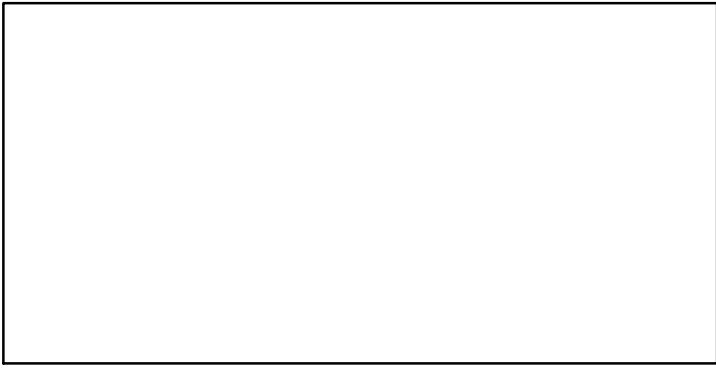
Spawner Recruit (1966-2018-ICESIMP2018)



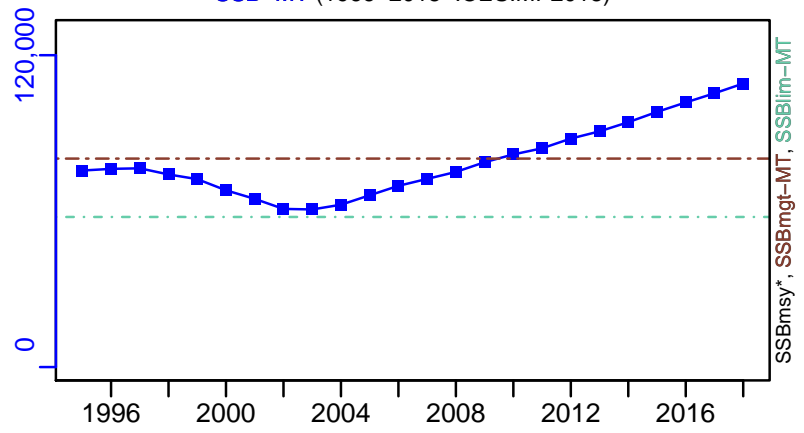
◆ Start Year ◆ End Year * No Data

Blue ling Vb-VI-VII [BLINGVb-VI-VII]

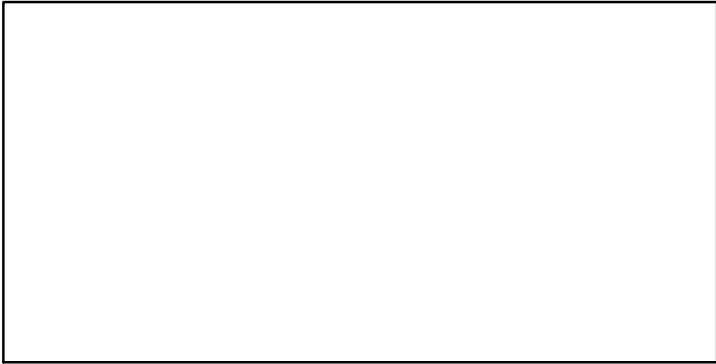
TB*



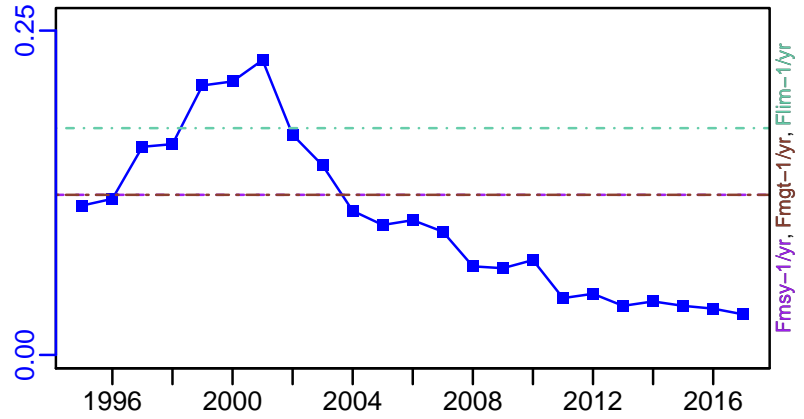
SSB-MT (1966-2018-ICESIMP2018)



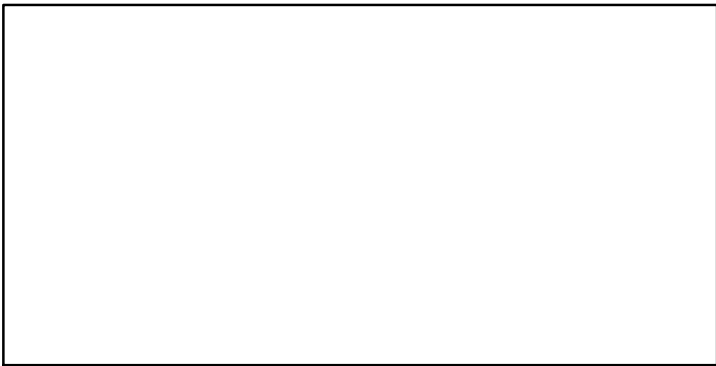
TN *



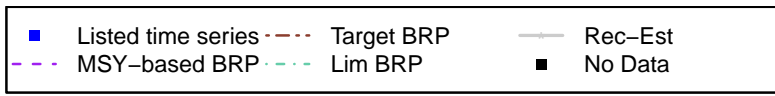
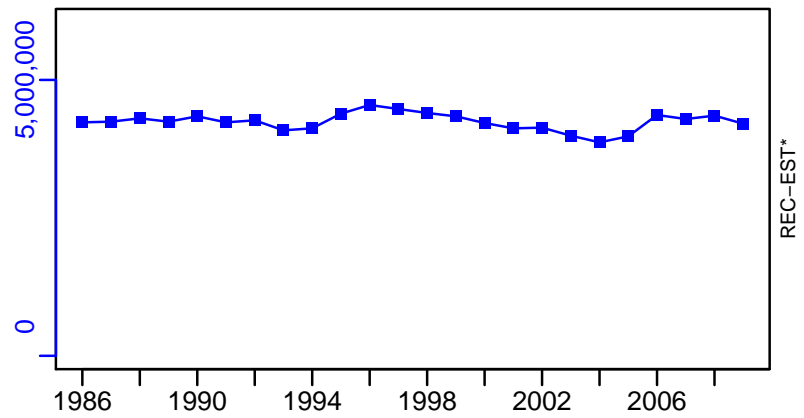
F-1/yr (1966-2018-ICESIMP2018)



ER*



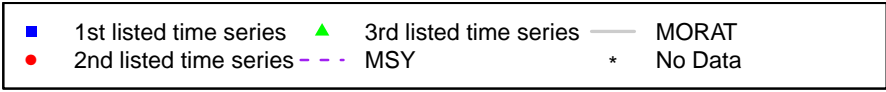
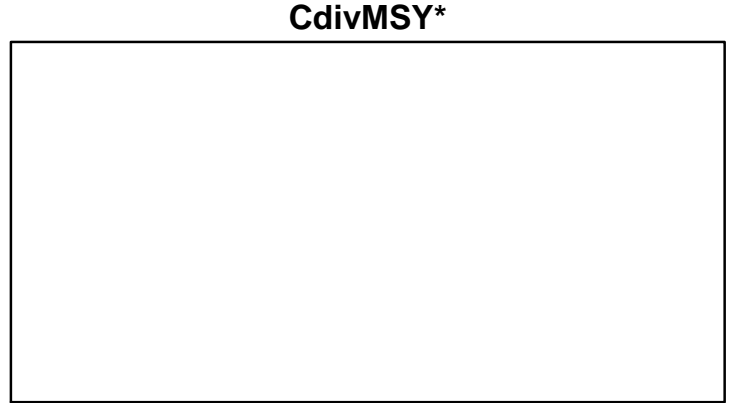
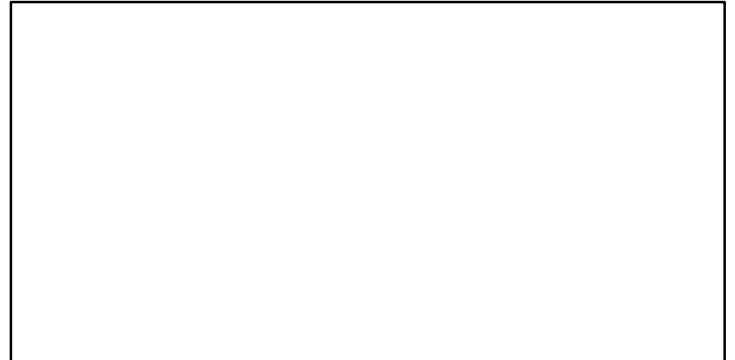
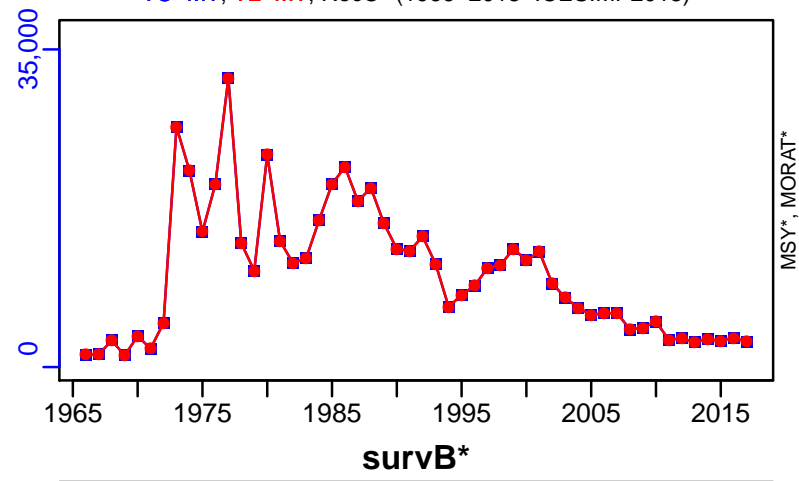
R-E00 (1966-2018-ICESIMP2018)



Blue ling Vb-VI-VII [BLINGVb-VI-VII]

TC-MT, TL-MT, RecC* (1966-2018-ICESIMP2018)

TAC*, Cpair*, Cadv*



Capelin Ila-V-XIV [CAPEIla-V-XIV]

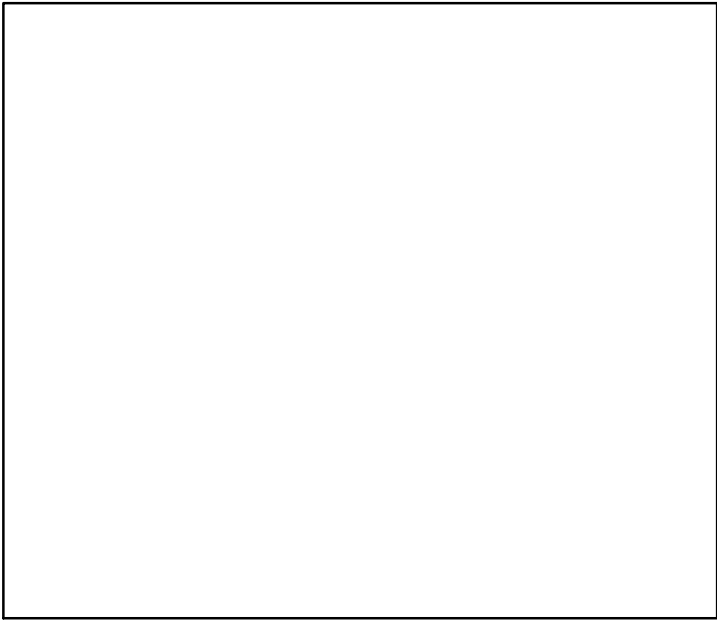
Metadata	
Scientific Name	Mallotus villosus
Current Assess ID	NWWG-CAPEIla-V-XIV-1979-2017-ICESIMP2018
Area	Ila-V-XIV
Management Authority	International Council for the Exploration of the Sea
Assessor	North-Western Working Group
Asmts in RAM	2010, 2014, 2016, 2015, 2017

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

Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	-	-	-	-	-
SSB	SSB-MT	2017	355,000	Both	-
TN	-	-	-	-	-
R	R-E00	2016	5.4×10^9	-	1
F	-	-	-	-	-
ER	ER-ratio	2010	0.016	-	-
TC	TC-MT	2017	3×10^5		
TL	TL-MT	2017	3×10^5		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2017	2.367		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

Capelin IIa-V-XIV [CAPEIIa-V-XIV]

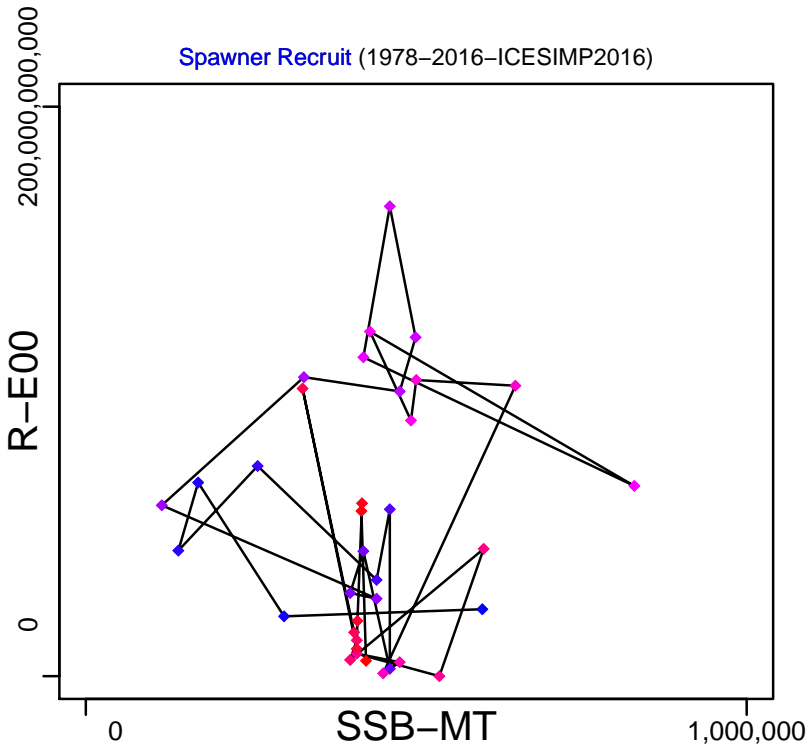
Kobe MSY*



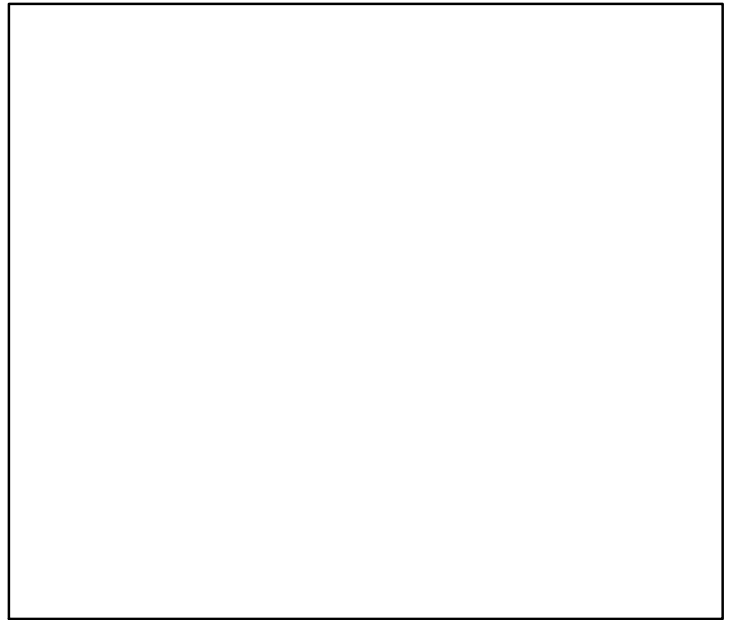
Kobe MGT*



Spawner Recruit (1978-2016-ICESIMP2016)



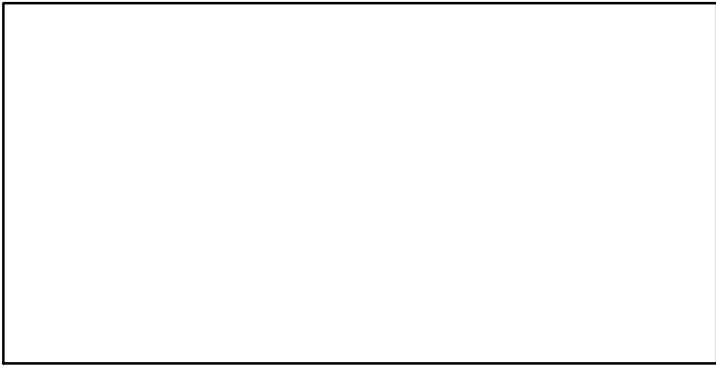
Production*



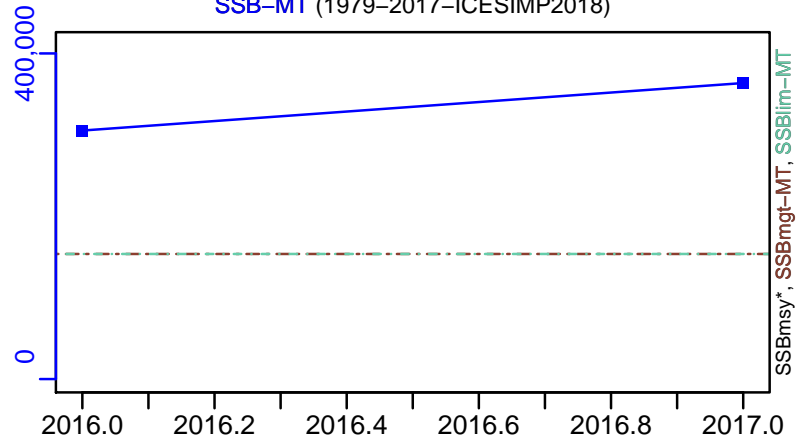
◆ Start Year ◆ End Year * No Data

Capelin IIa-V-XIV [CAPEIIa-V-XIV]

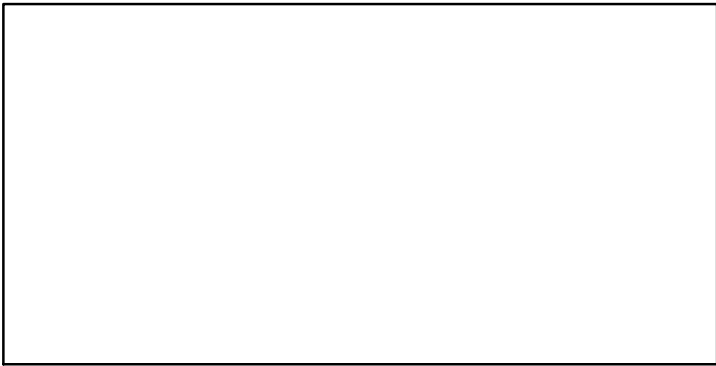
TB*



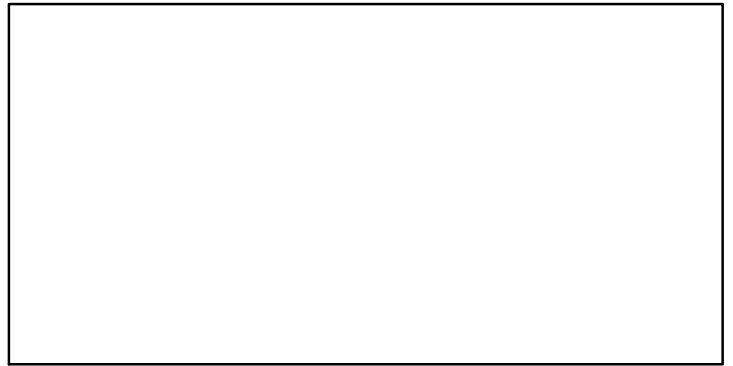
SSB-MT (1979-2017-ICESIMP2018)



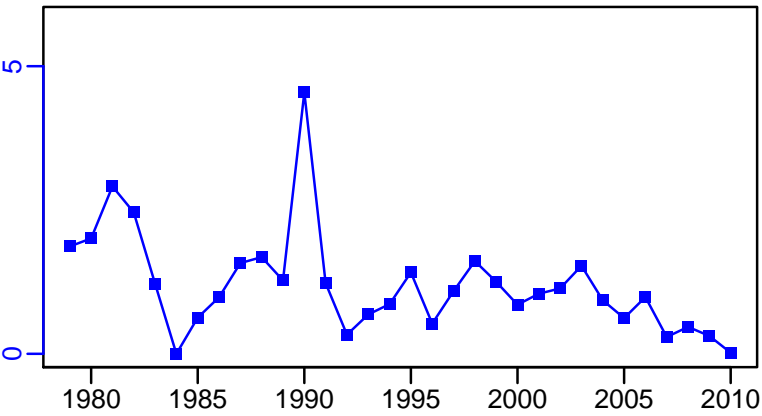
TN *



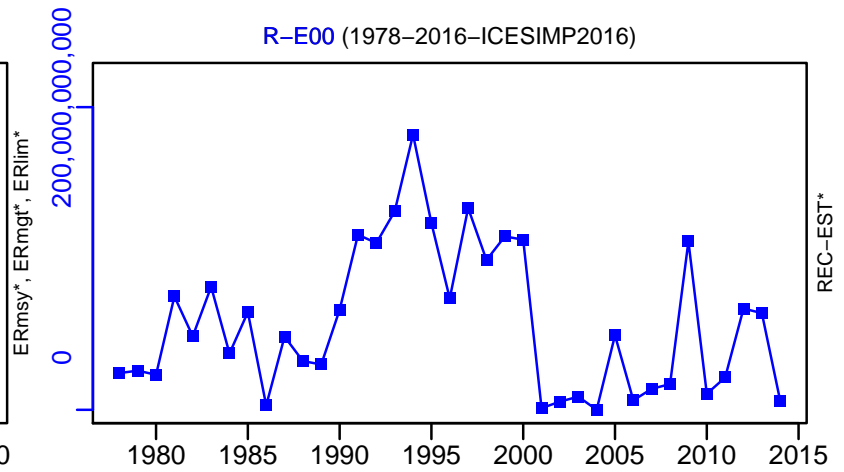
F*



ER-ratio (1977-2010-NEUBAUER)



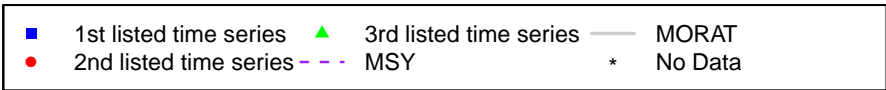
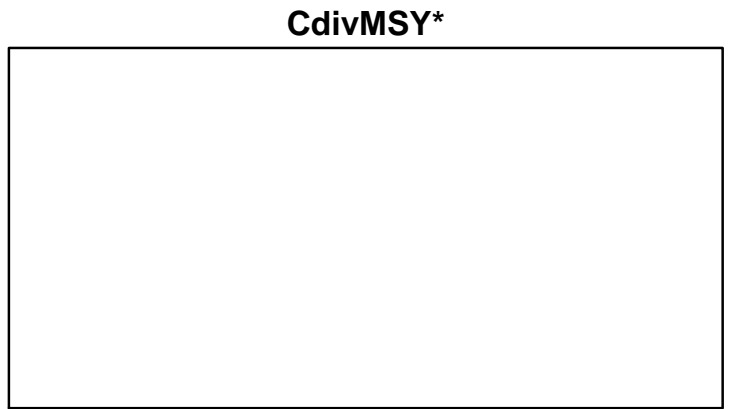
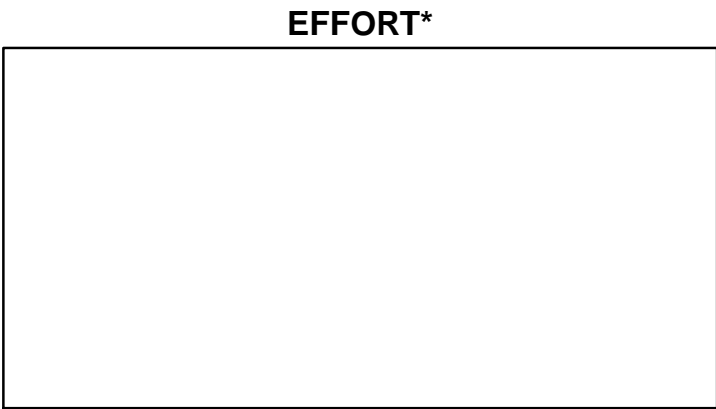
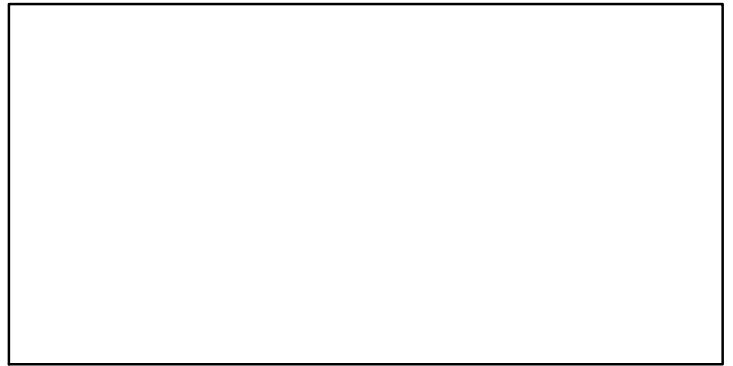
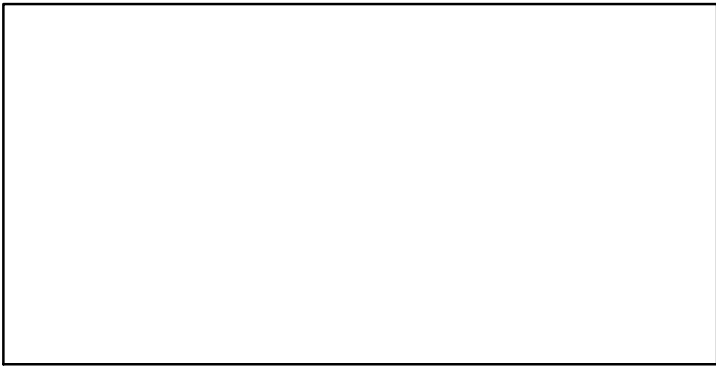
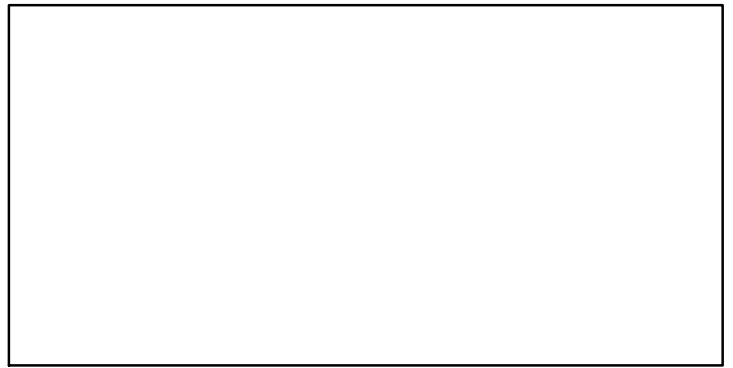
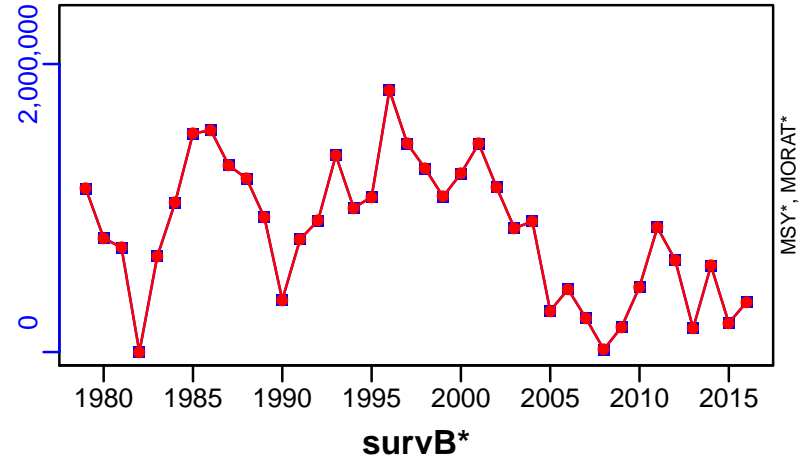
R-E00 (1978-2016-ICESIMP2016)



Capelin IIa-V-XIV [CAPEIIa-V-XIV]

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

TAC*, Cpair*, Cadv*



Capelin Barents Sea [CAPENOR]

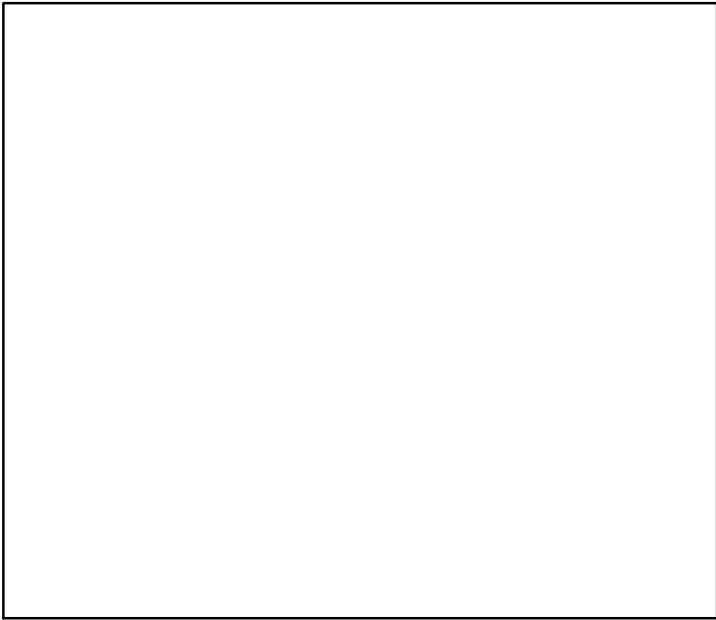
Metadata	
Scientific Name	Mallotus villosus
Current Assess ID	AFWG-CAPENOR-1972-2017-ICESIMP2018
Area	Barents Sea
Management Authority	International Council for the Exploration of the Sea
Assessor	Arctic Fisheries Working Group
Asmts in RAM	2007, 2016, 2017

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

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

Capelin Barents Sea [CAPENOR]

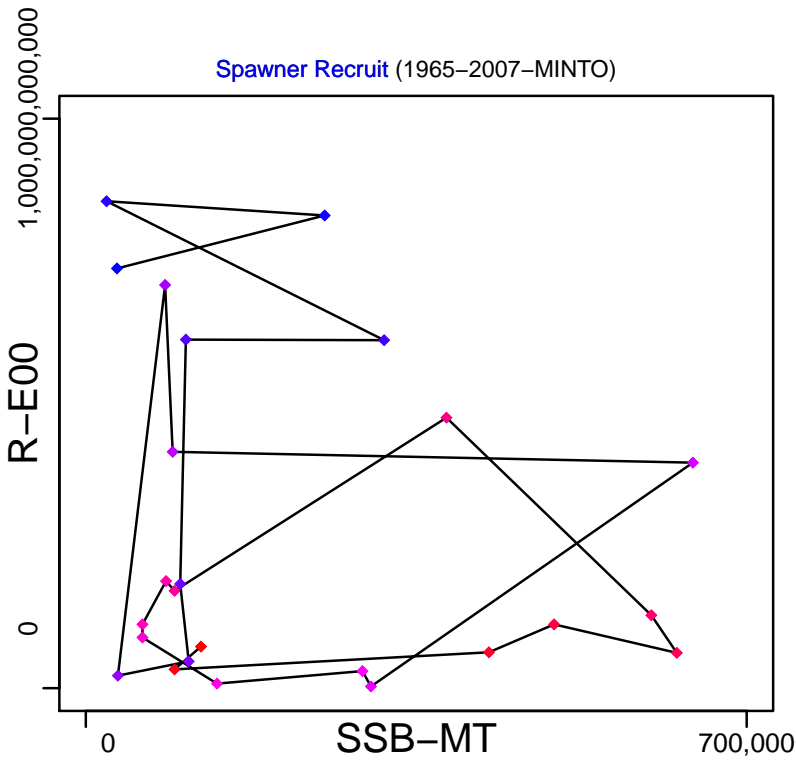
Kobe MSY*



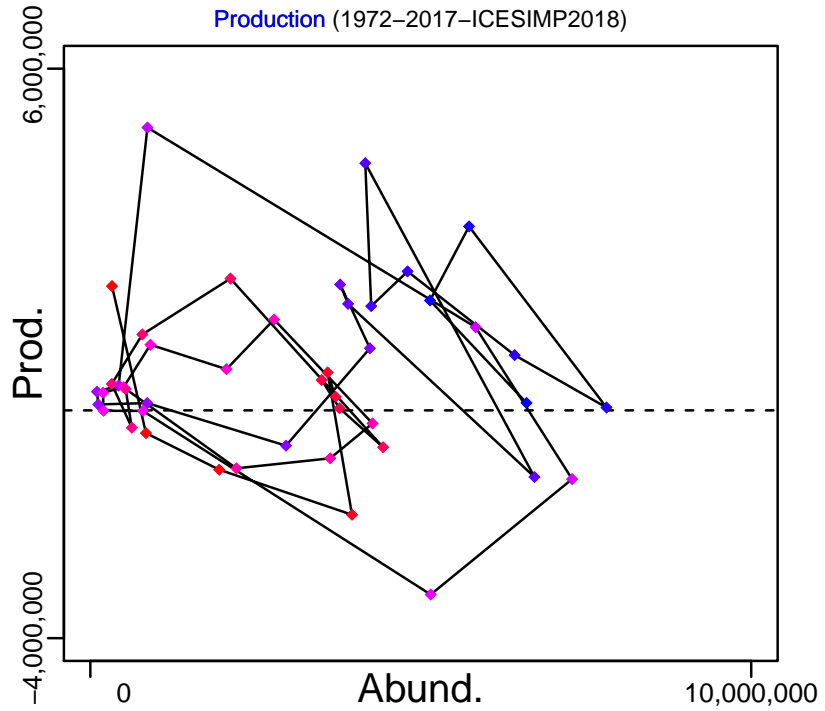
Kobe MGT*



Spawner Recruit (1965–2007–MINTO)



Production (1972–2017–ICESIMP2018)

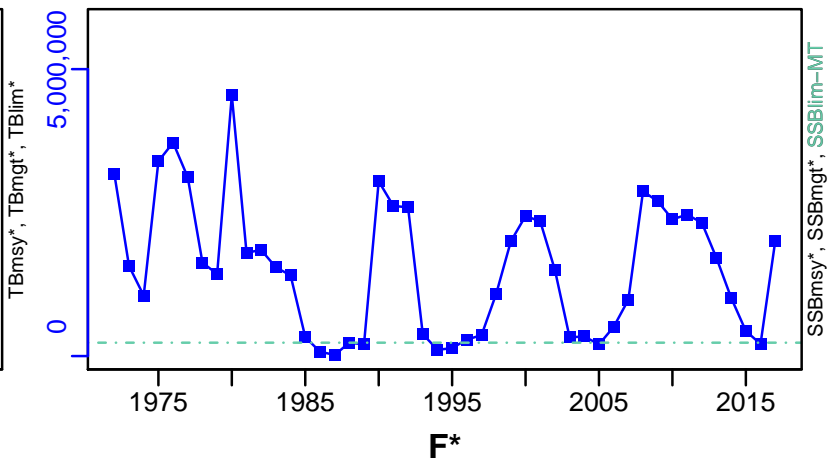
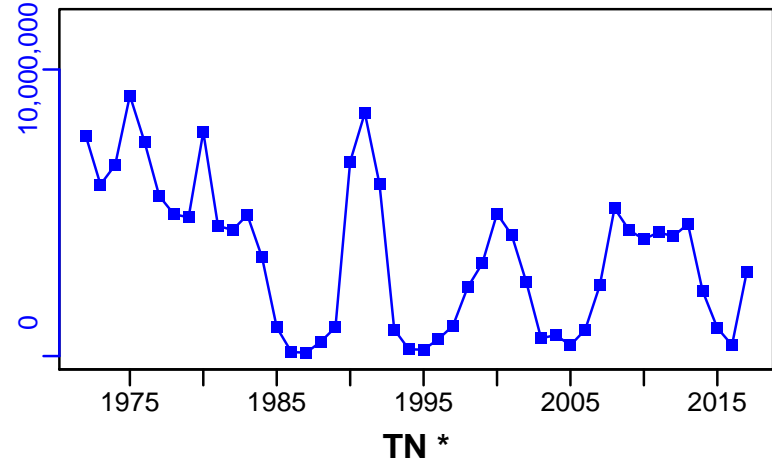


◆ Start Year ◆ End Year * No Data

Capelin Barents Sea [CAPENOR]

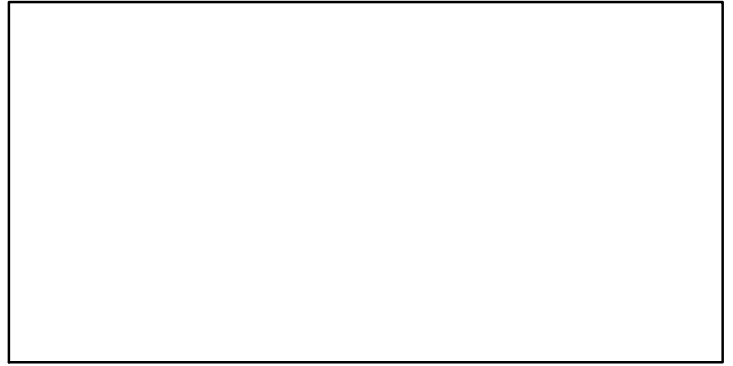
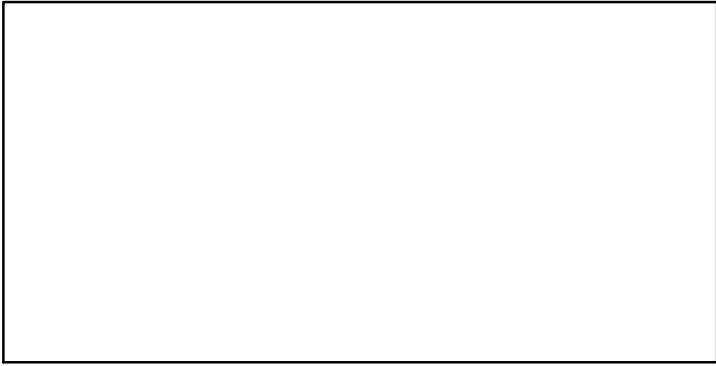
TB-MT (1972-2017-ICESIMP2018)

SSB-MT (1972-2017-ICESIMP2018)



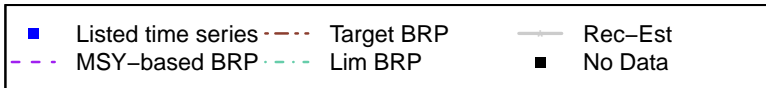
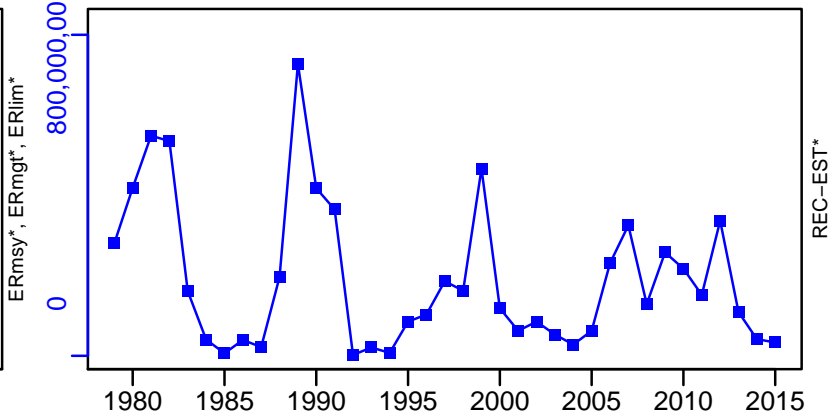
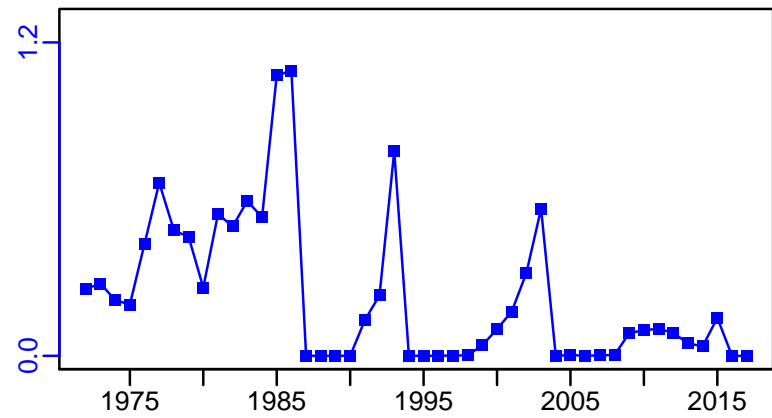
TN *

F*



ER-calc-ratio (1972-2017-ICESIMP2018)

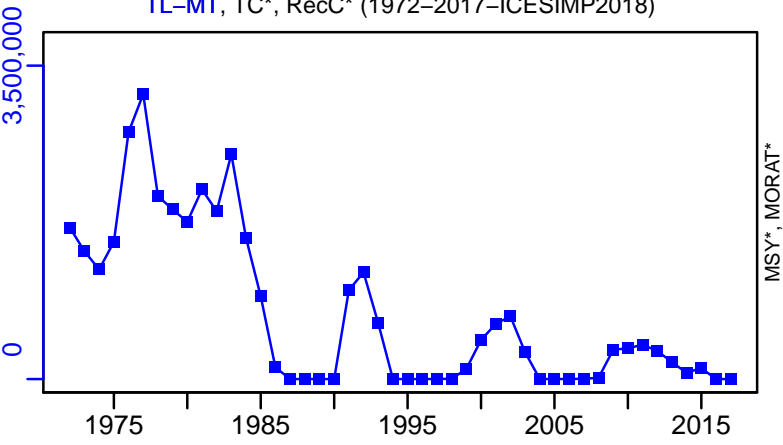
R-E00 (1972-2016-ICESIMP2018)



Capelin Barents Sea [CAPENOR]

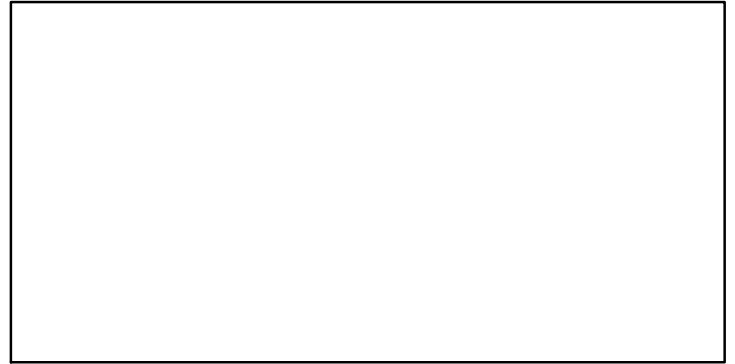
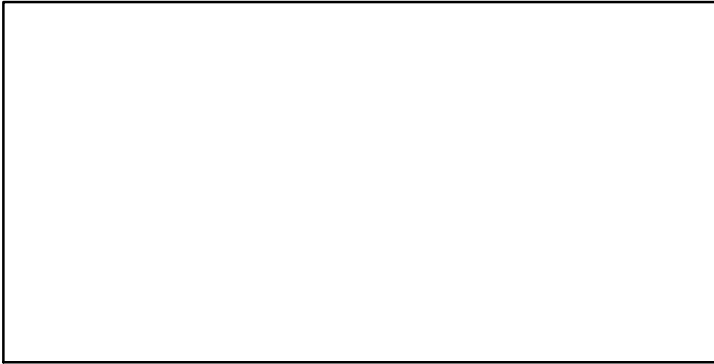
TL-MT, TC*, RecC* (1972-2017-ICESIMP2018)

TAC*, Cpair*, Cadv*



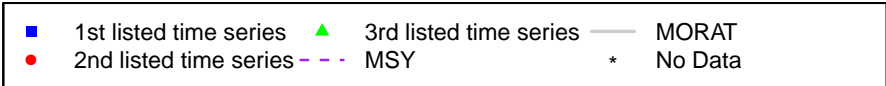
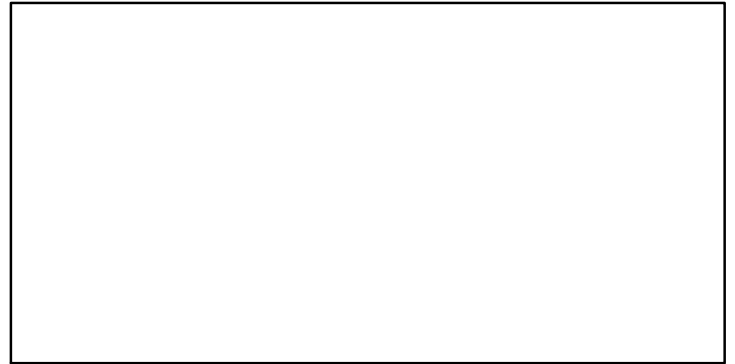
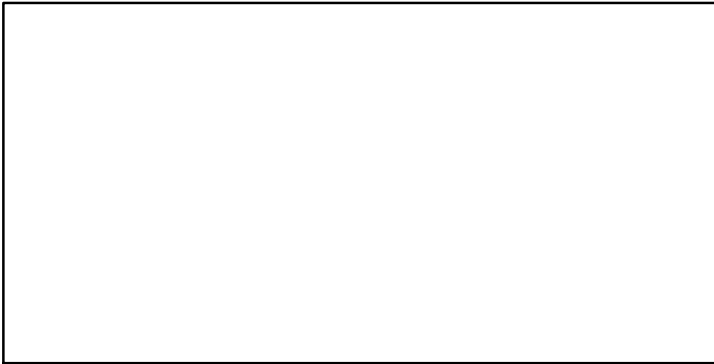
survB*

CPUE*



EFFORT*

CdivMSY*



Atlantic cod NAFO Subarea 1 (inshore) [COD1IN]

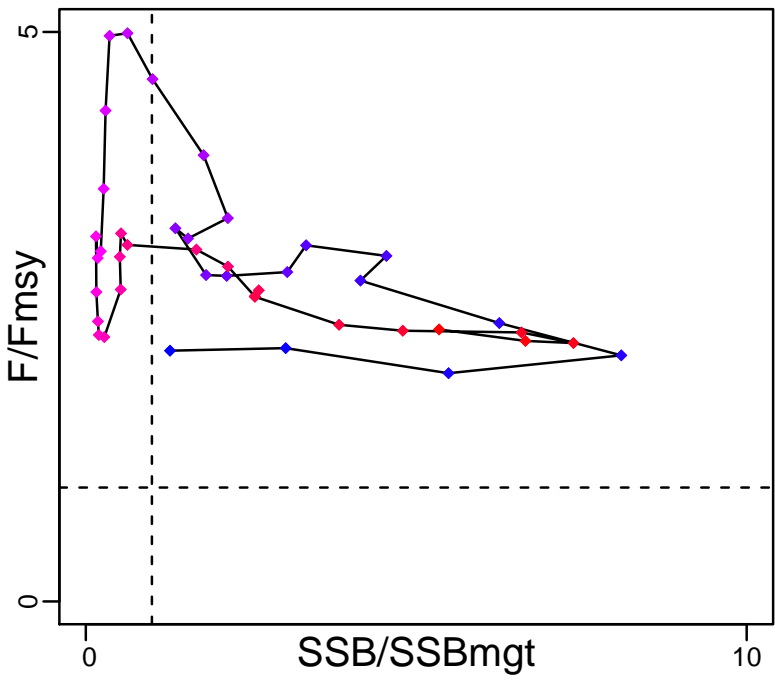
Metadata	
Scientific Name	Gadus morhua
Current Assess ID	NWWG-COD1IN-1975-2018-ICESIMP2018
Area	NAFO Subarea 1 (inshore)
Management Authority	International Council for the Exploration of the Sea
Assessor	North-Western Working Group
Asmts in RAM	2016, 2016, 2018

Reference Points			
Type	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	-	-	-
Fmsy	Fmsy-1/yr	2018	0.268
ERmsy	-	-	-
TBmgt	-	-	-
SSBmgt	SSBmgt-MT	2018	5983
Fmgt	-	-	-
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	-	-	-
M	-	-	-
TBlim	-	-	-
SSBlim	SSBlim-MT	2018	4346
Flim	-	-	-
ERlim	-	-	-

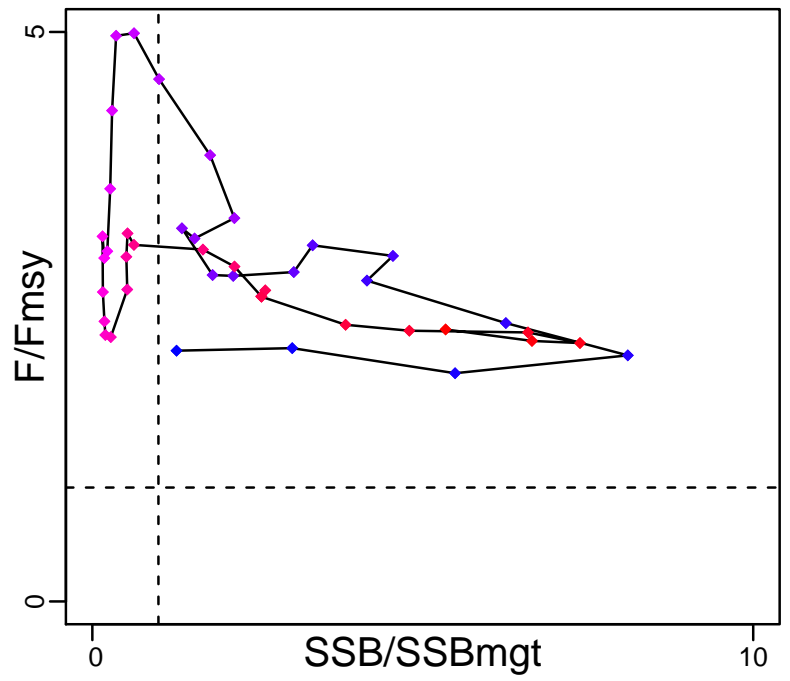
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	TB-MT	2018	46,100	Both	-
SSB	SSB-MT	2018	33,800	Both	-
TN	-	-	-	-	-
R	R-E00	2018	10,600,000	-	1
F	F-1/yr	2018	0.64	-	4 to 8
ER	ER-calc-ratio	2018	0.678	-	-
TC	TC-MT	2016	25,300		
TL	TL-MT	2018	31,200		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	F-1/yr/Fmsy-1/yr	2018	2.388		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2018	5.652		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

Atlantic cod NAFO Subarea 1 (inshore) [COD1IN]

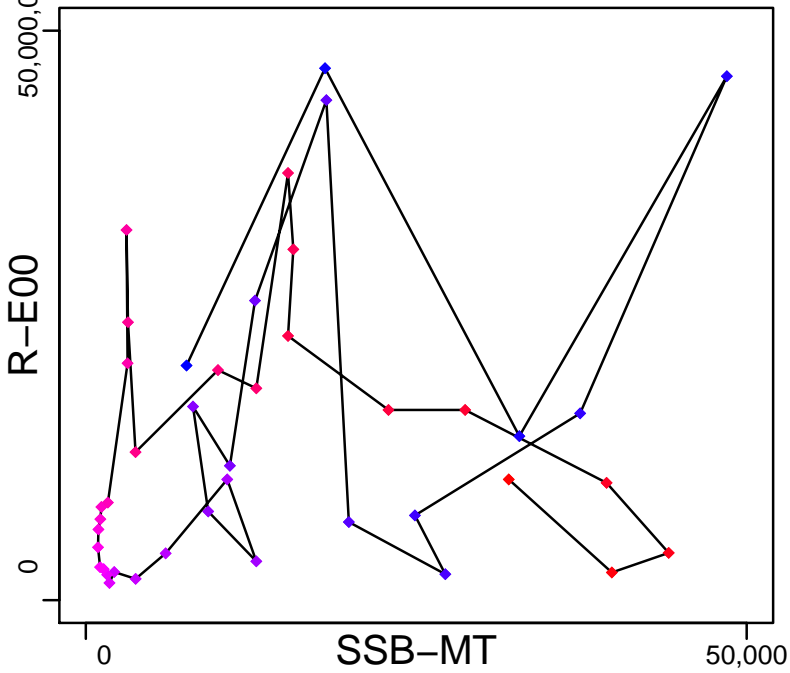
Kobe MSYpref (1975–2018–ICESIMP2018)



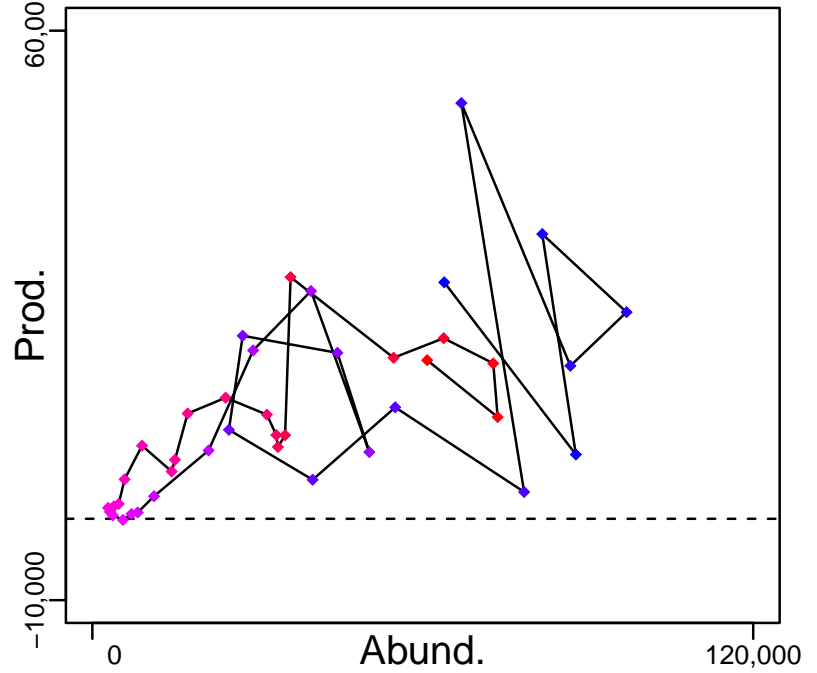
Kobe MGTpref (1975–2018–ICESIMP2018)



Spawner Recruit (1975–2018–ICESIMP2018)



Production (1975–2018–ICESIMP2018)

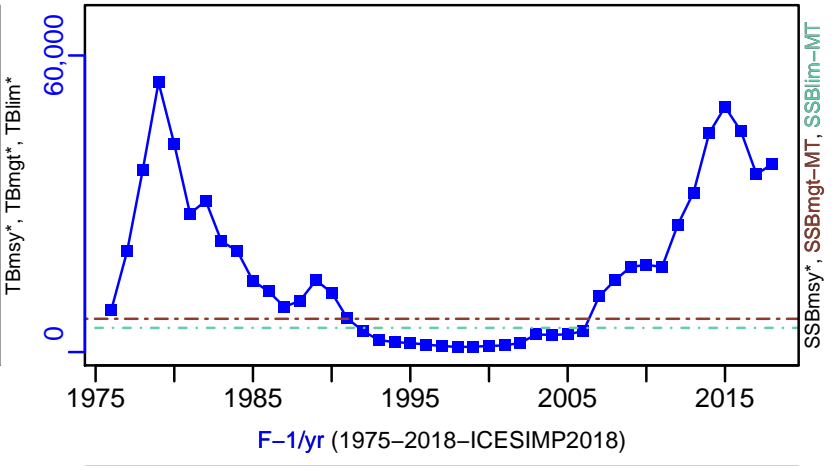
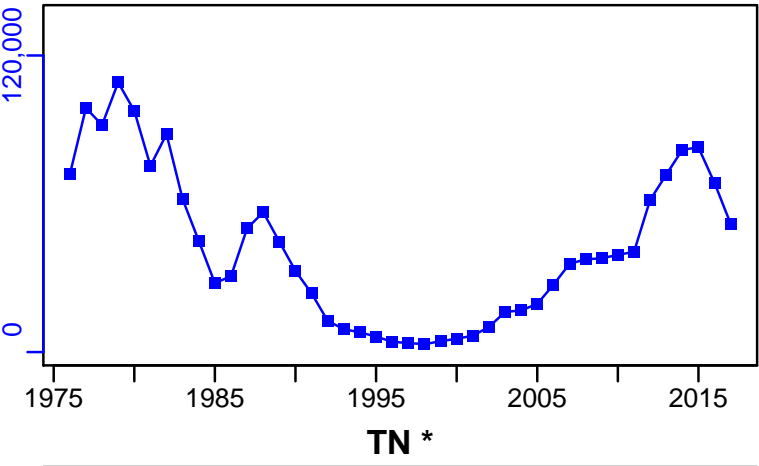


◆ Start Year ◆ End Year * No Data

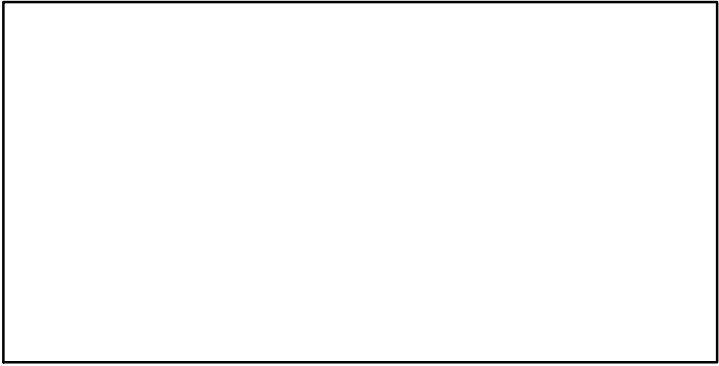
Atlantic cod NAFO Subarea 1 (inshore) [COD1IN]

TB-MT (1975–2018–ICESIMP2018)

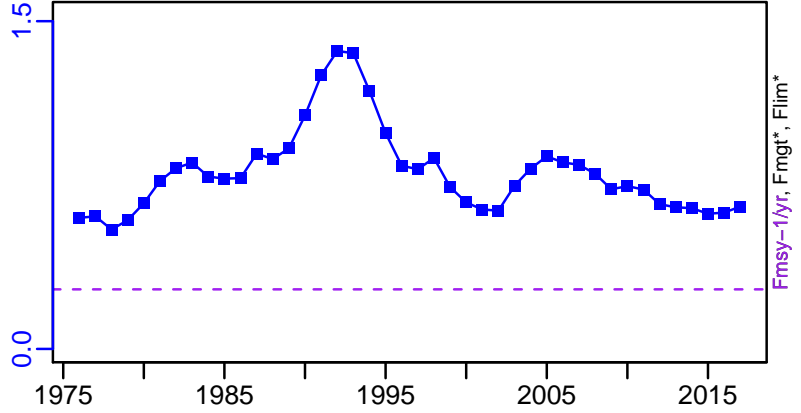
SSB-MT (1975–2018–ICESIMP2018)



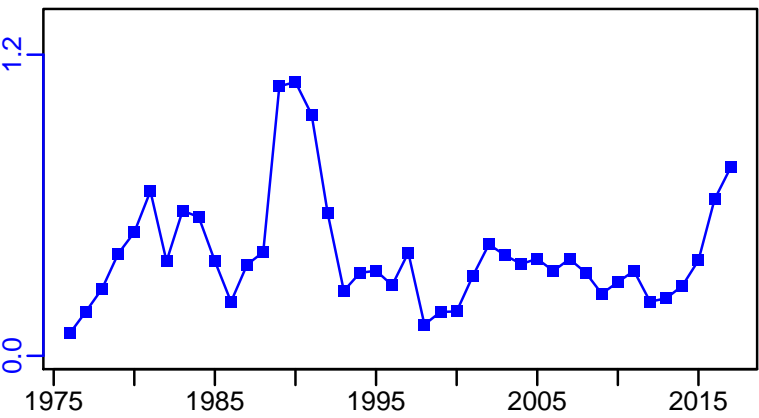
TN *



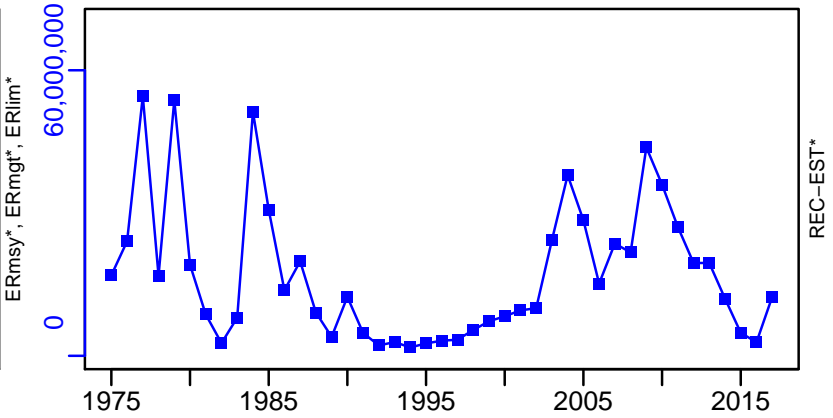
F-1/yr (1975–2018–ICESIMP2018)



ER-calc-ratio (1975–2018–ICESIMP2018)



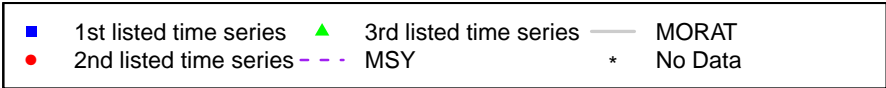
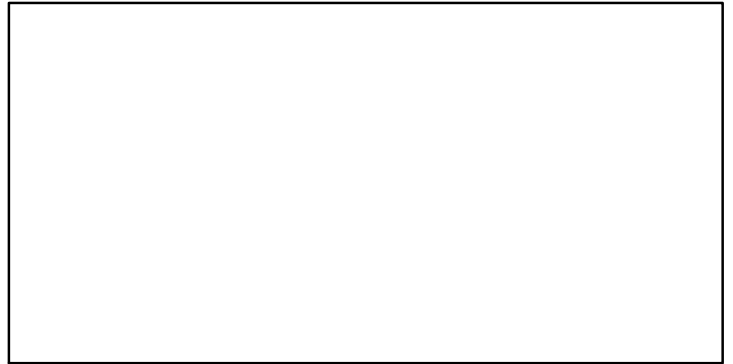
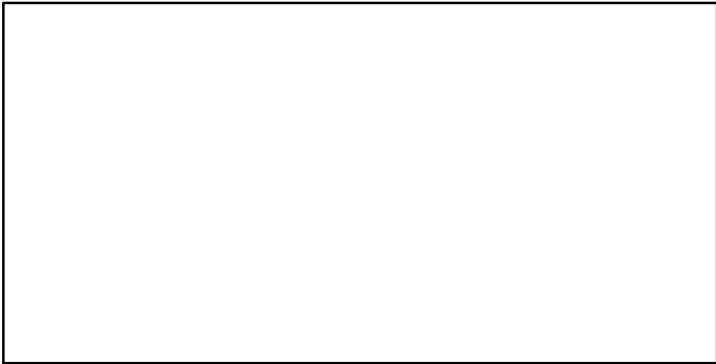
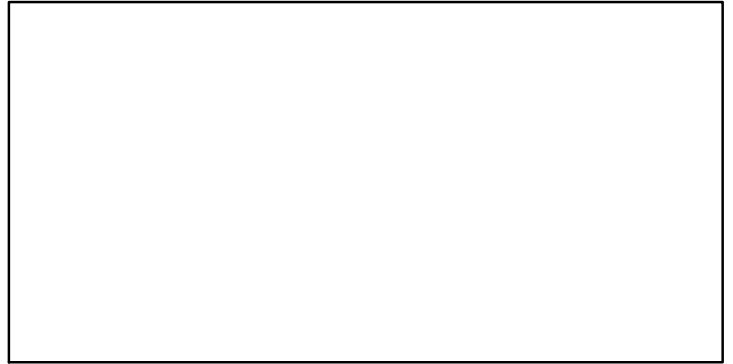
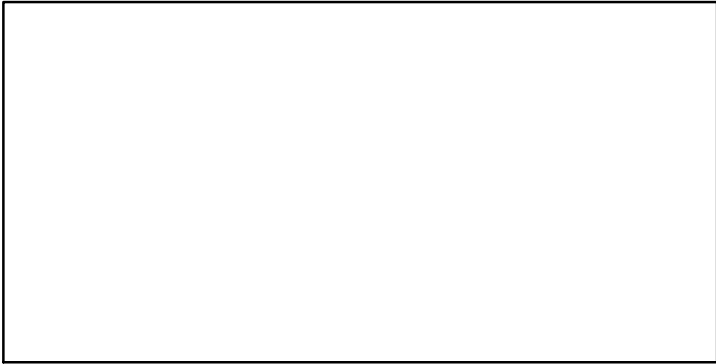
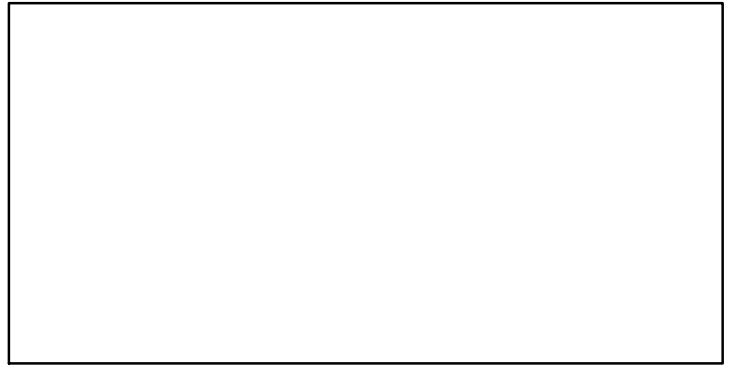
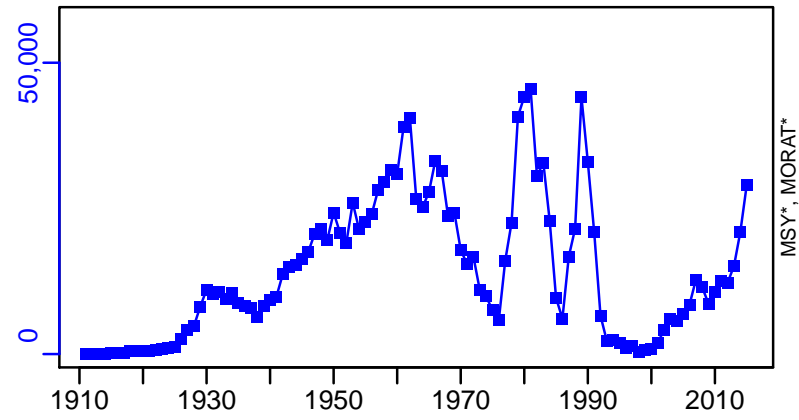
R-E00 (1975–2018–ICESIMP2018)



Atlantic cod NAFO Subarea 1 (inshore) [COD1IN]

TC-MT, TL*, RecC* (1911-2016-ICESIMP2016)

TAC*, Cpair*, Cadv*



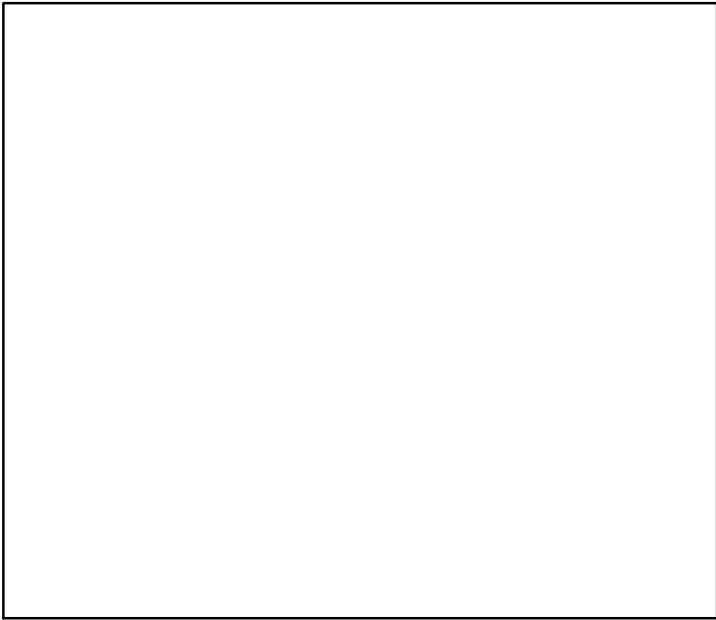
Atlantic cod Faroe Bank [CODFABNK]

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

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

Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	-	-	-	-	-
SSB	-	-	-	-	-
TN	-	-	-	-	-
R	-	-	-	-	-
F	-	-	-	-	-
ER	-	-	-	-	-
TC	TC-MT	2016	17		
TL	TL-MT	2016	17		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

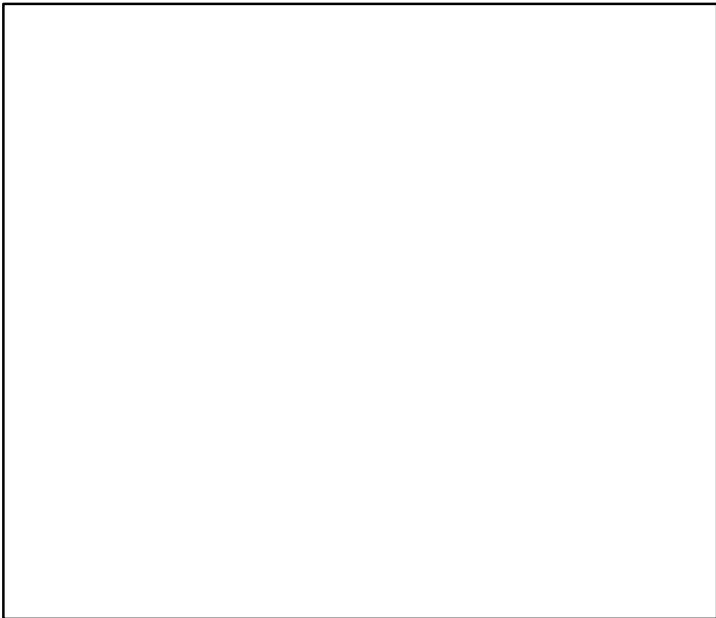
Kobe MSY*



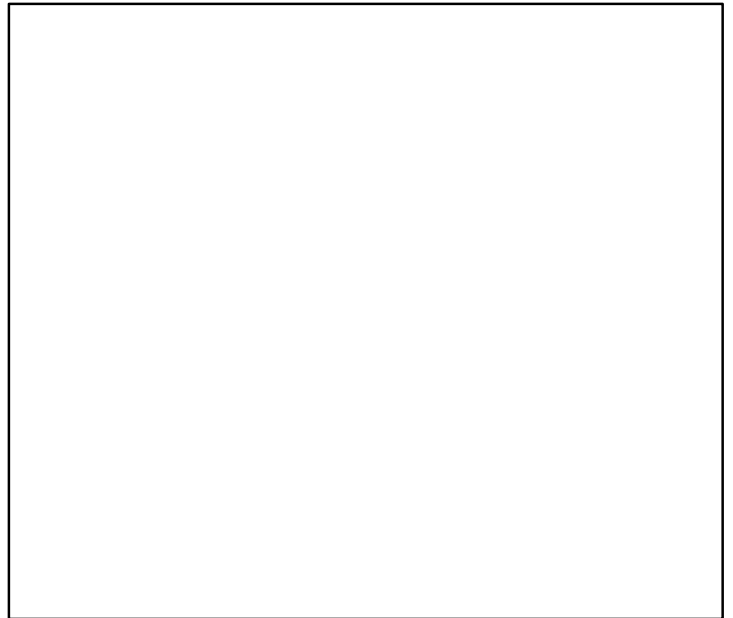
Kobe MGT*



Spawner Recruit*



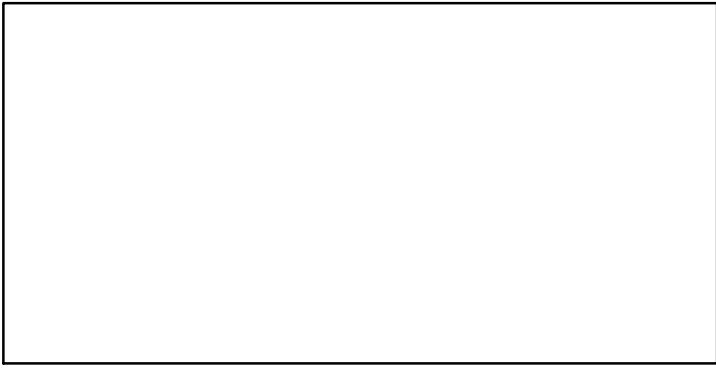
Production*



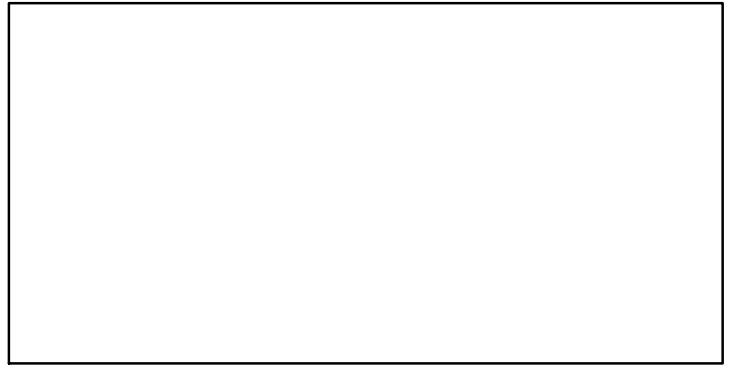
◆ Start Year ◆ End Year * No Data

Atlantic cod Faroe Bank [CODFABNK]

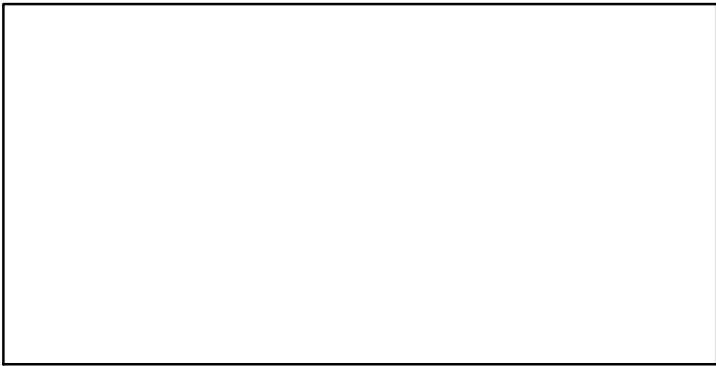
TB*



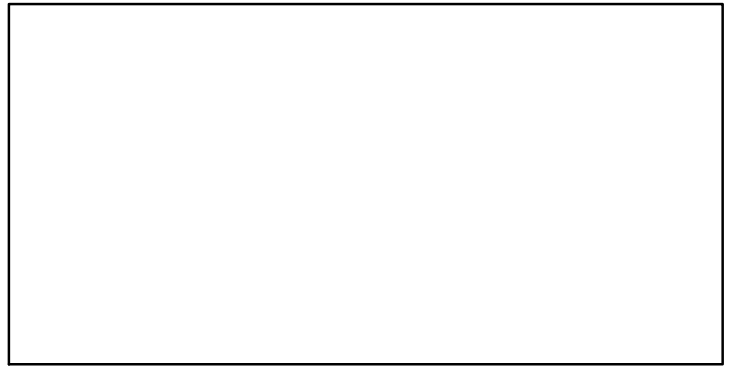
SSB*



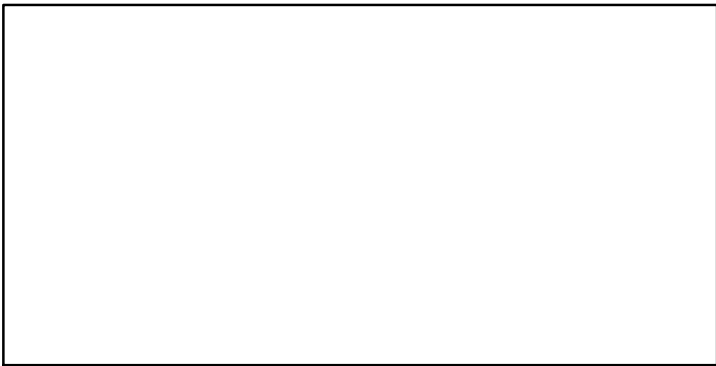
TN *



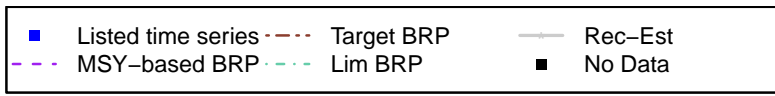
F*



ER*



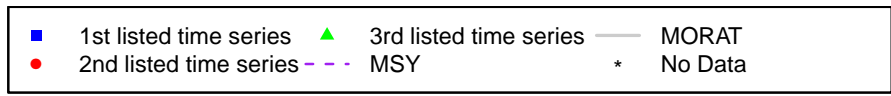
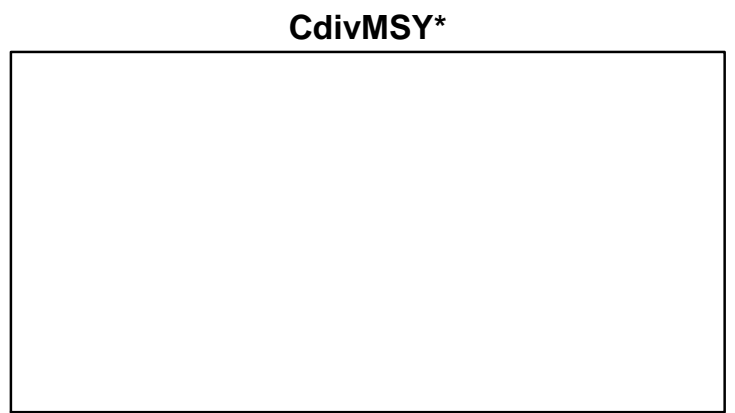
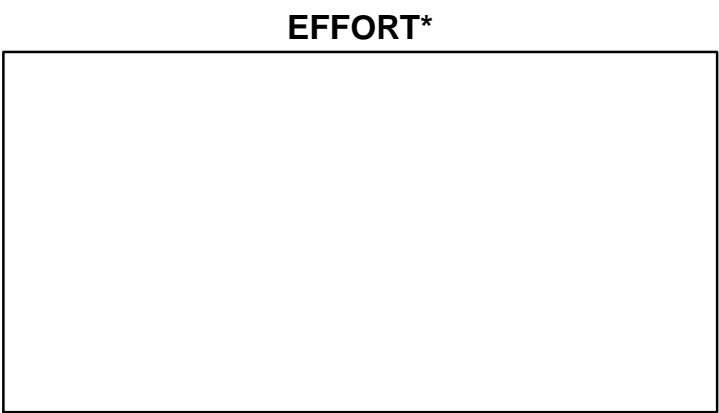
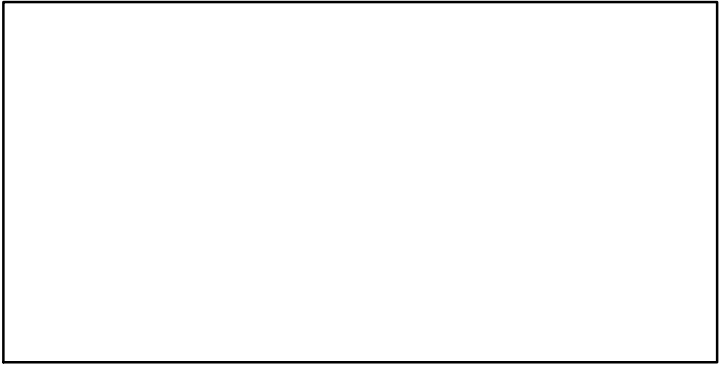
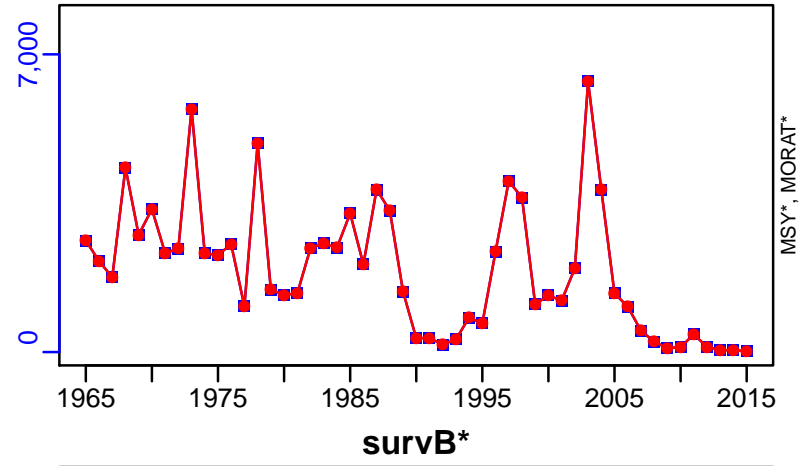
Recruits*



Atlantic cod Faroe Bank [CODFABNK]

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

TAC*, Cpair*, Cadv*



Atlantic cod Faroe Plateau [CODFAPL]

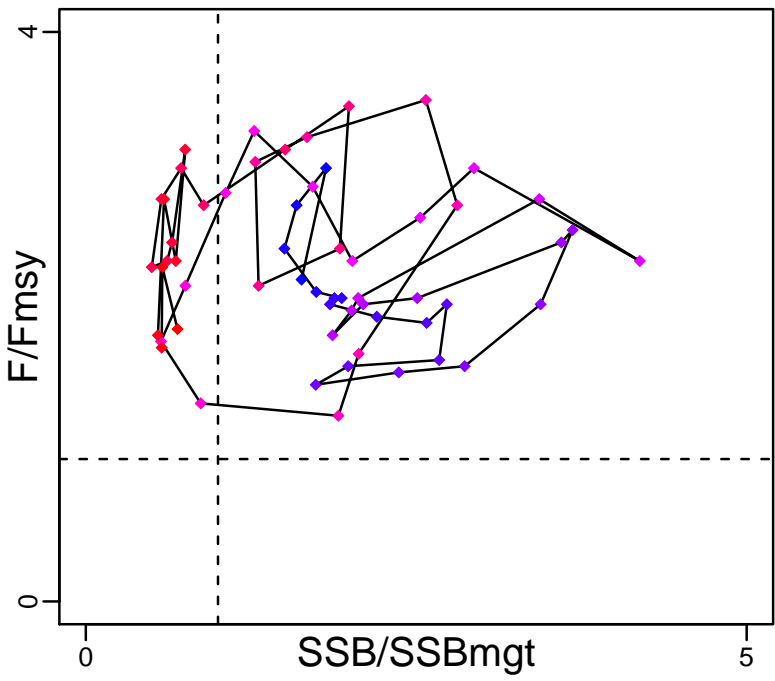
Metadata	
Scientific Name	Gadus morhua
Current Assess ID	NWWG-CODFAPL-1958-2018-ICESIMP2018
Area	Faroe Plateau
Management Authority	International Council for the Exploration of the Sea
Assessor	North-Western Working Group
Asmts in RAM	2015, 2016, 2017, 2018, 2012, 2013, 2014

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

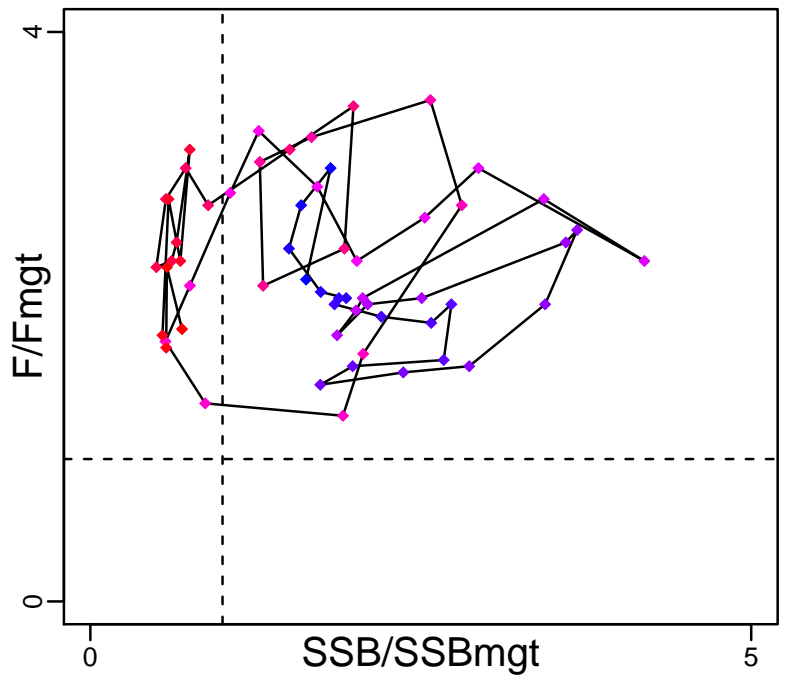
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	TB-MT	2018	64,500	Both	-
SSB	SSB-MT	2018	35,000	Both	-
TN	-	-	-	-	-
R	R-E00	2018	32,700,000	-	1
F	F-1/yr	2017	0.44	-	3 to 7
ER	ER-calc-ratio	2018	0.143	-	-
TC	TC-MT	2018	5370		
TL	TL-MT	2018	5370		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	F-1/yr/Fmsy-1/yr	2017	1.913		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2018	1.199		
F/Fmgt	F-1/yr/Fmgt-1/yr	2017	1.913		
ER/ERmgt	-	-	-		

Atlantic cod Faroe Plateau [CODFAPL]

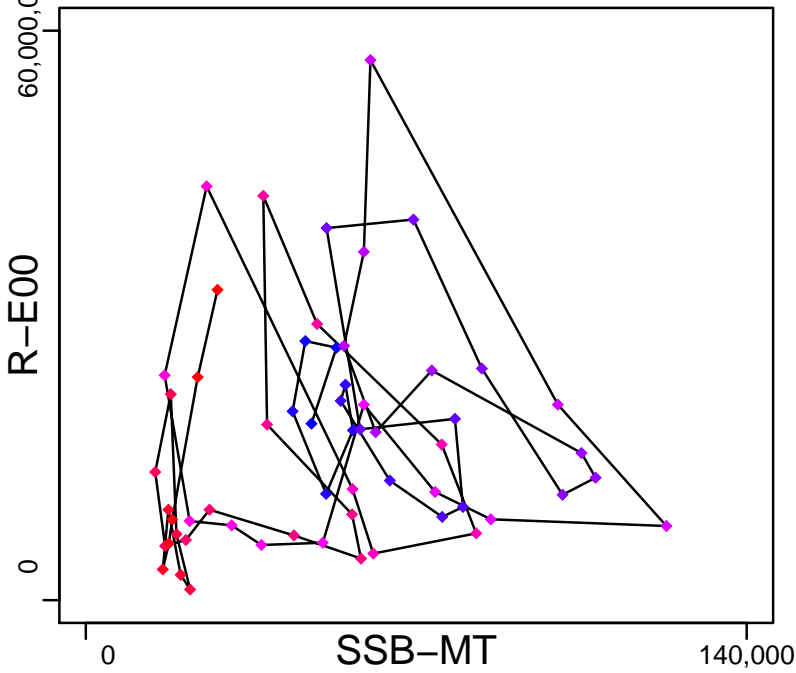
Kobe MSYpref (1958–2017–ICESIMP2018)



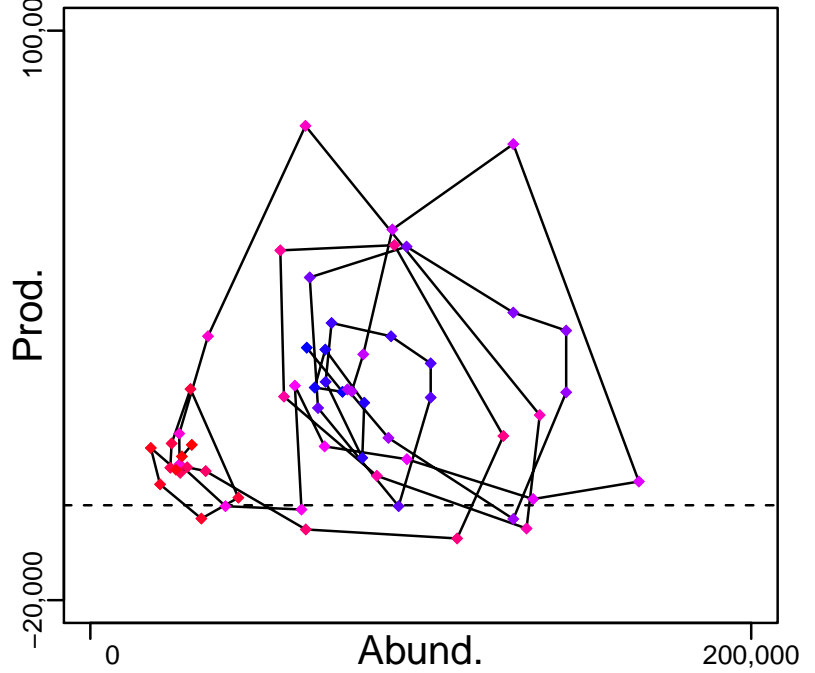
Kobe MGTpref (1958–2017–ICESIMP2018)



Spawner Recruit (1958–2018–ICESIMP2018)



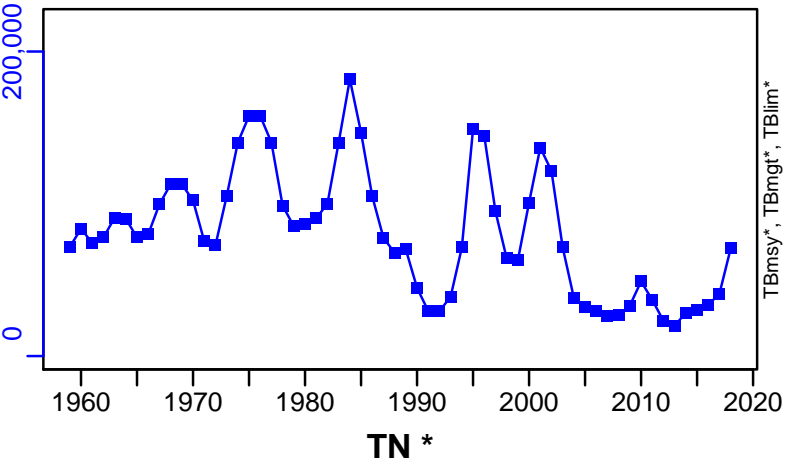
Production (1958–2018–ICESIMP2018)



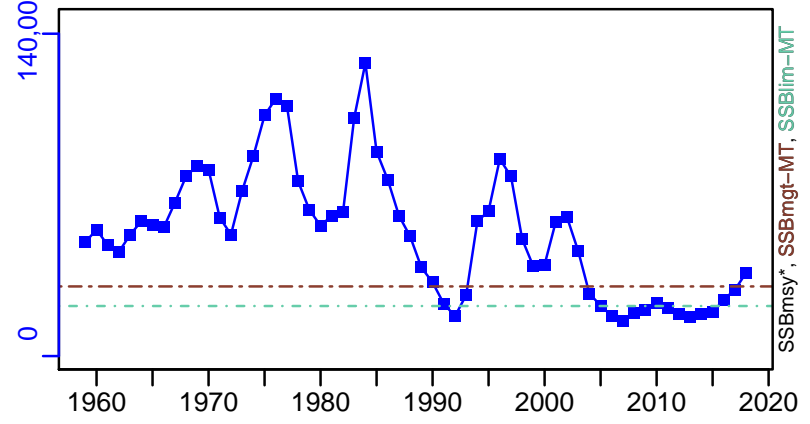
◆ Start Year ◆ End Year * No Data

Atlantic cod Faroe Plateau [CODFAPL]

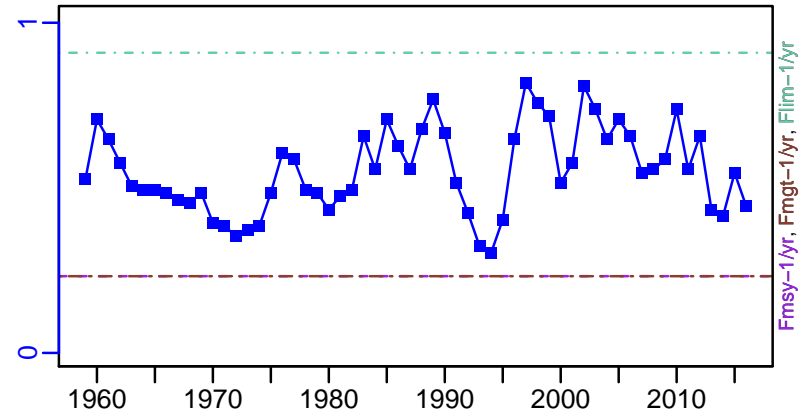
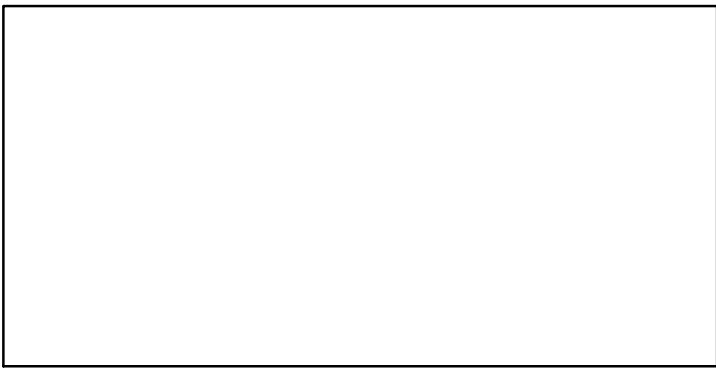
TB-MT (1958-2018-ICESIMP2018)



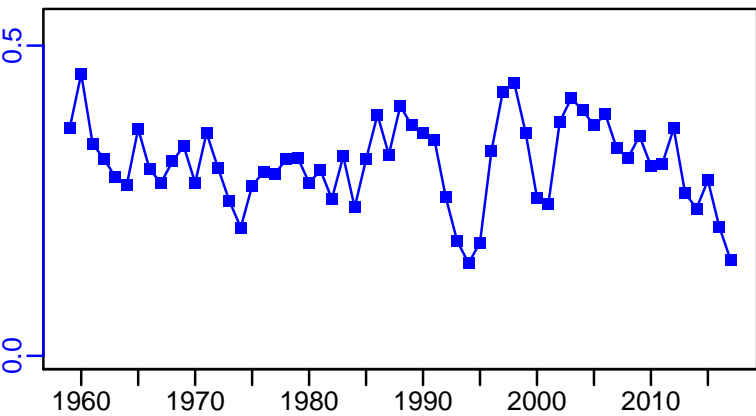
SSB-MT (1958-2018-ICESIMP2018)



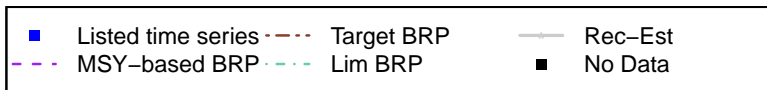
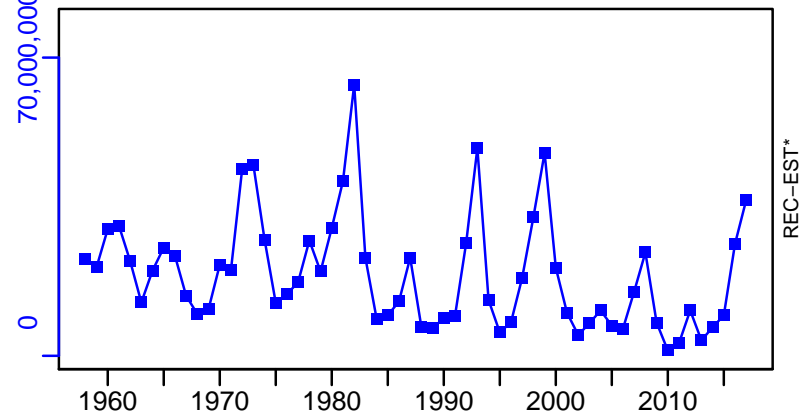
F-1/yr (1958-2017-ICESIMP2018)



ER-calc-ratio (1958-2018-ICESIMP2018)



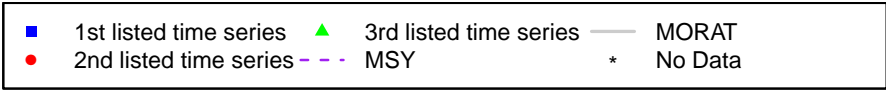
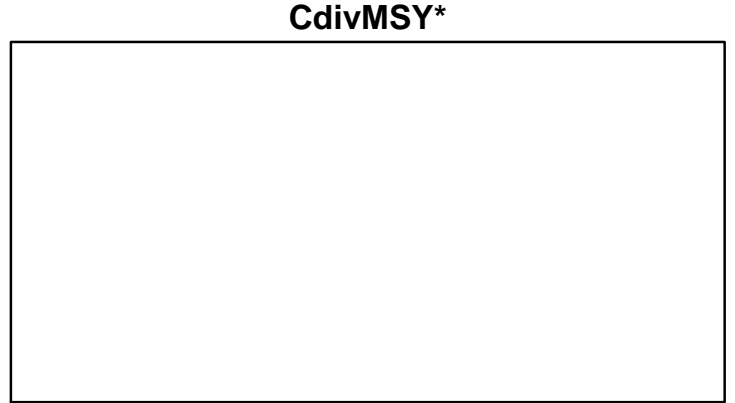
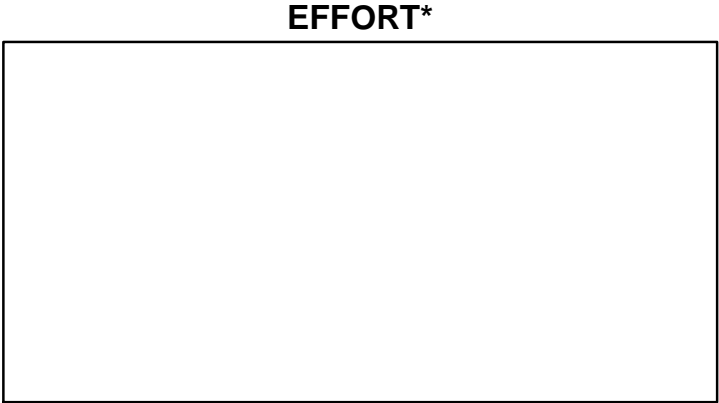
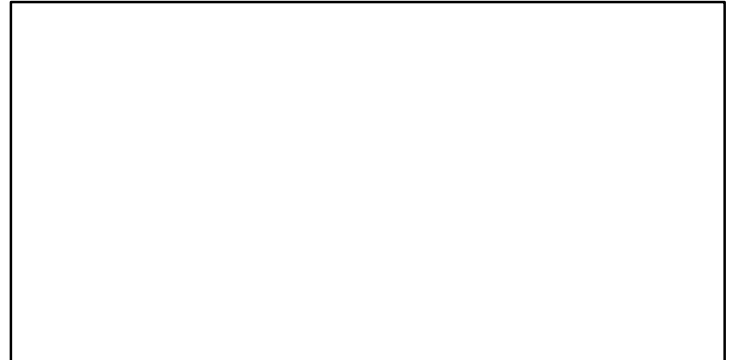
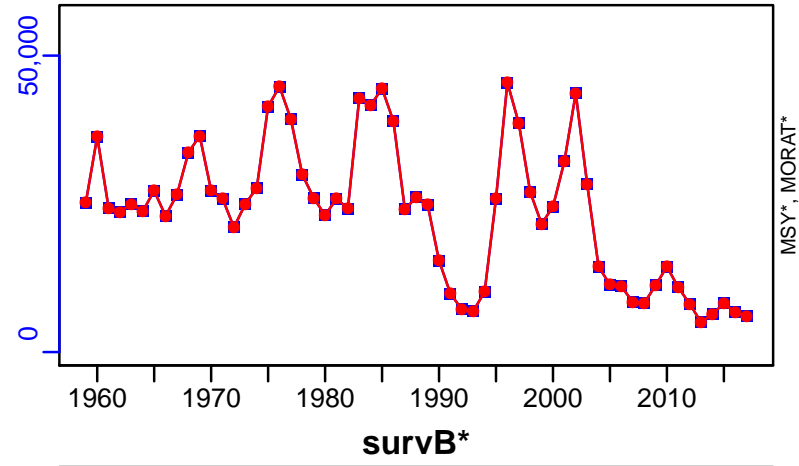
R-E00 (1958-2018-ICESIMP2018)



Atlantic cod Faroe Plateau [CODFAPL]

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

TAC*, Cpair*, Cadv*



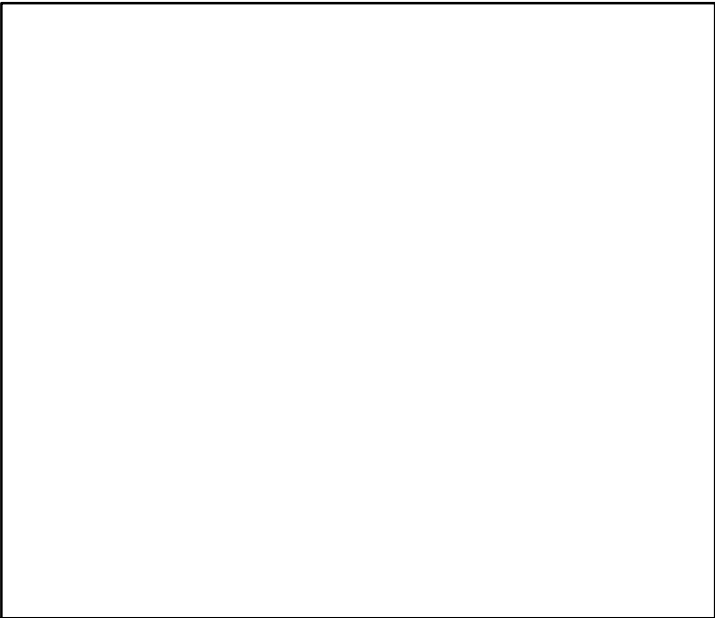
Atlantic cod ICES labdce [CODlabdce]

Metadata	
Scientific Name	Gadus morhua
Current Assess ID	NWWG-CODlabdce-1952-2016-ICESIMP2018
Area	ICES labdce
Management Authority	International Council for the Exploration of the Sea
Assessor	North-Western Working Group
Asmts in RAM	2015, 2016

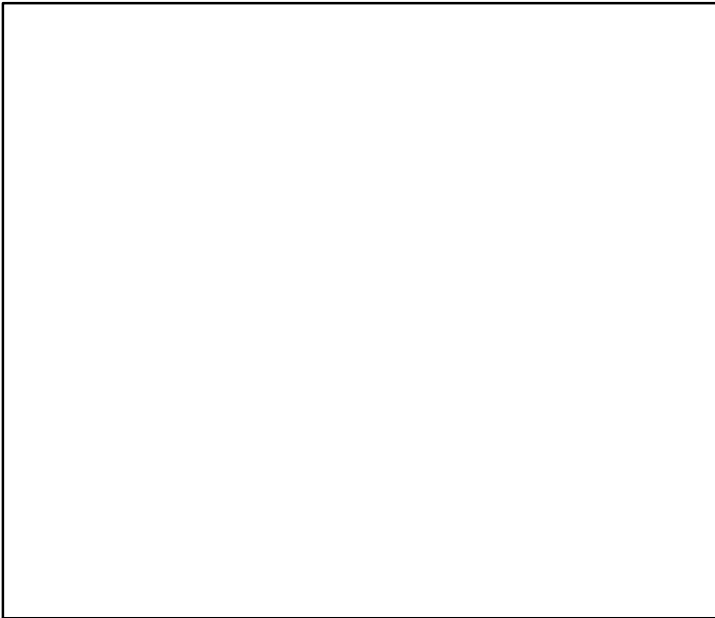
Reference Points			
Type	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	-	-	-
Fmsy	-	-	-
ERmsy	-	-	-
TBmgt	-	-	-
SSBmgt	-	-	-
Fmgt	-	-	-
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	-	-	-
M	-	-	-
TBlim	-	-	-
SSBlim	-	-	-
Flim	-	-	-
ERlim	-	-	-

Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	-	-	-	-	-
SSB	-	-	-	-	-
TN	-	-	-	-	-
R	-	-	-	-	-
F	-	-	-	-	-
ER	-	-	-	-	-
TC	TC-MT	2016	3740		
TL	TL-MT	2015	4860		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

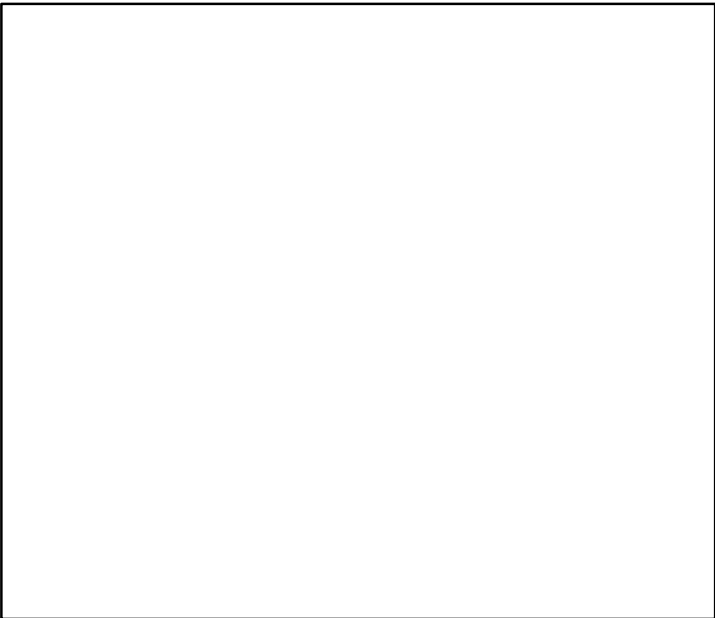
Kobe MSY*



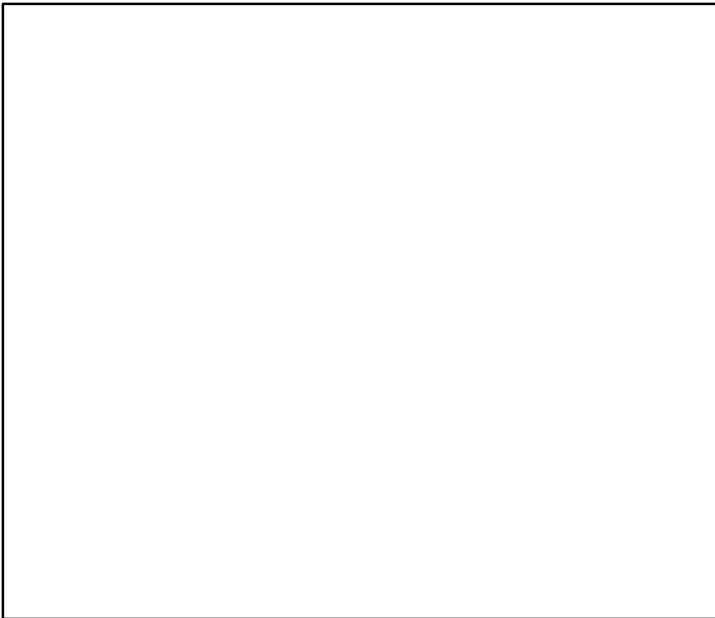
Kobe MGT*



Spawner Recruit*



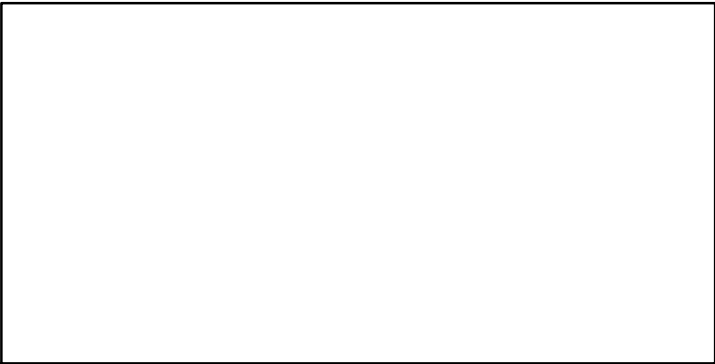
Production*



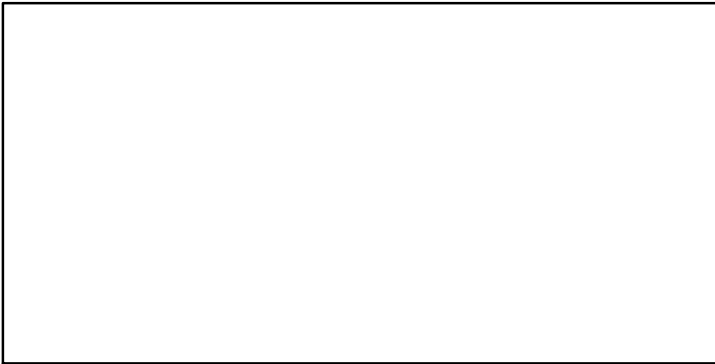
◆ Start Year ◆ End Year * No Data

Atlantic cod ICES labdce [CODlabdce]

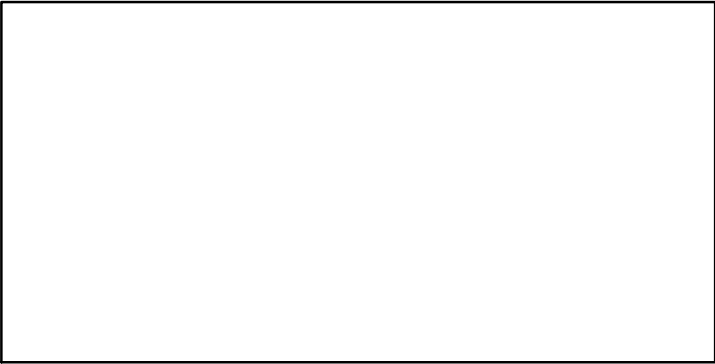
TB*



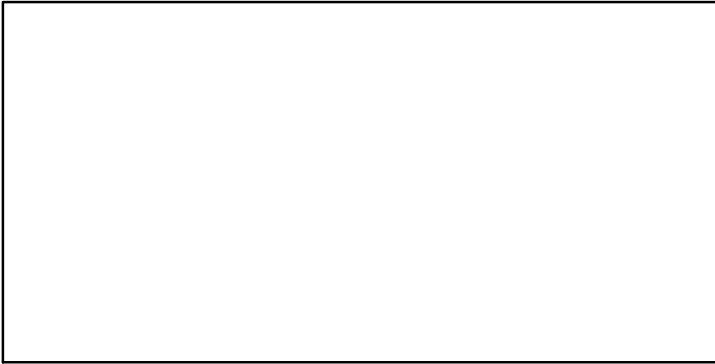
SSB*



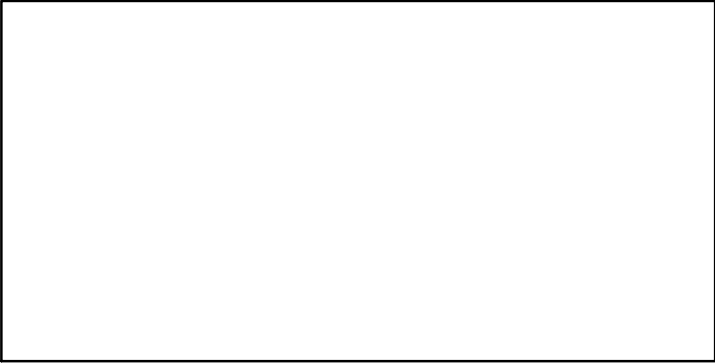
TN *



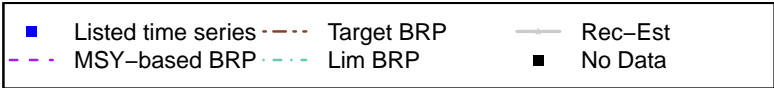
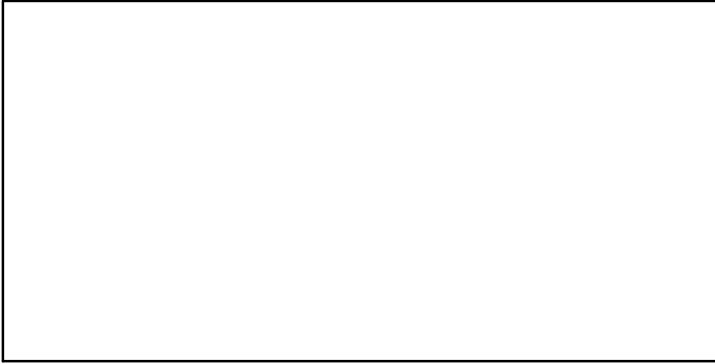
F*



ER*



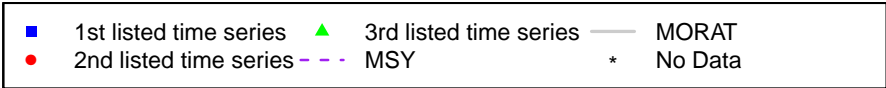
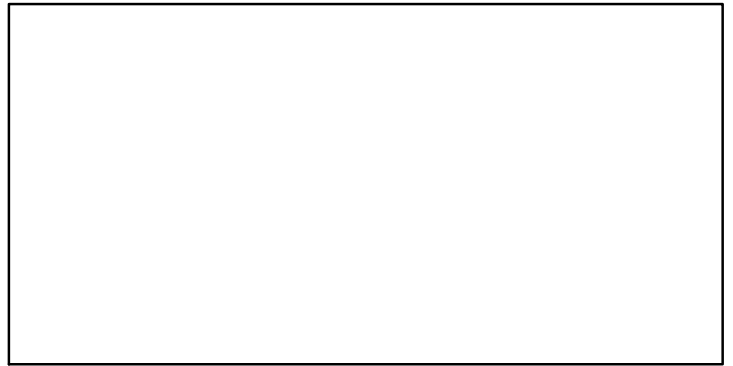
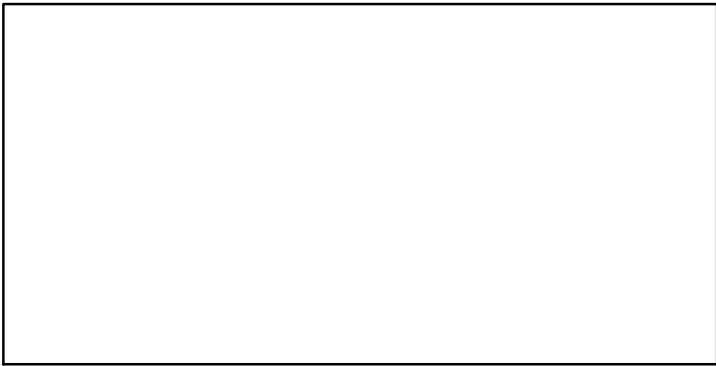
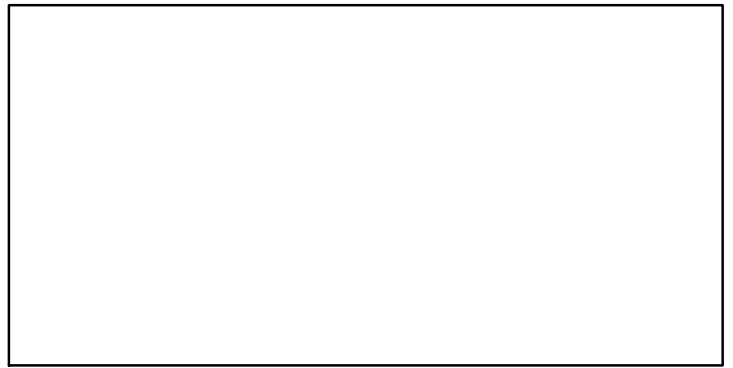
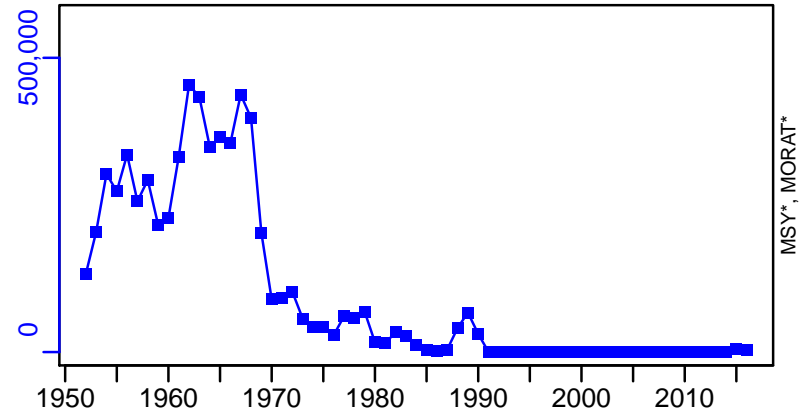
Recruits*



Atlantic cod ICES labdce [CODlabdce]

TC-MT, TL*, RecC* (1952-2016-ICESIMP2018)

TAC*, Cpair*, Cadv*



Atlantic cod Iceland [CODICE]

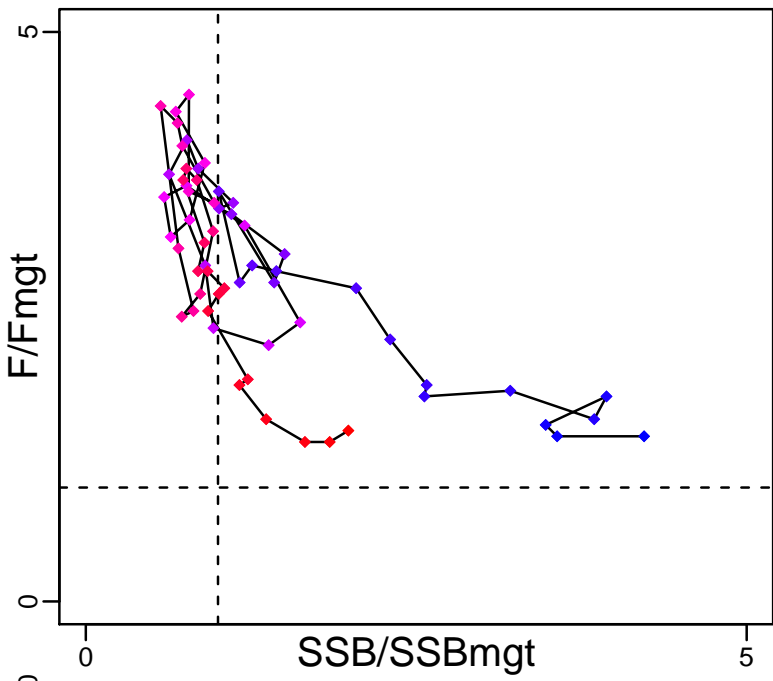
Metadata	
Scientific Name	Gadus morhua
Current Assess ID	NWWG-CODICE-1952-2018-ICESIMP2018
Area	Iceland Grounds
Management Authority	International Council for the Exploration of the Sea
Assessor	North-Western Working Group
Asmts in RAM	2012, 2013, 2014, 2015, 2016, 2017, 2018

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

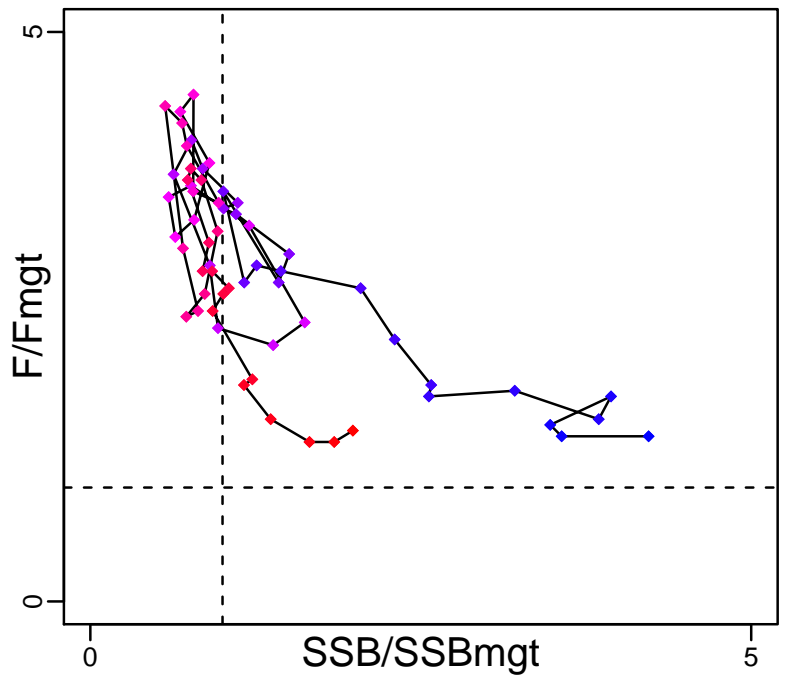
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	TB-MT	2014	1,160,000	Both	-
SSB	SSB-MT	2018	652,000	Both	-
TN	-	-	-	-	-
R	R-E00	2018	1.58×10^8	-	3
F	F-1/yr	2018	0.26	-	-
ER	ER-calc-ratio	2014	0.192	-	-
TC	TC-MT	2018	244,000		
TL	TL-MT	2018	244,000		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2018	2.962		
F/Fmgt	F-1/yr/Fmgt-1/yr	2014	1.5		
ER/ERmgt	-	-	-		

Atlantic cod Iceland [CODICE]

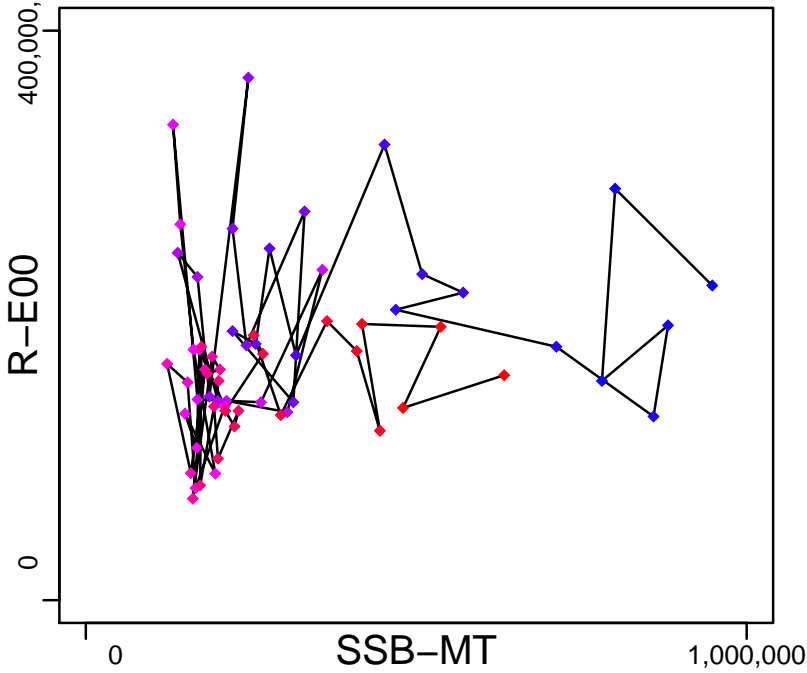
Kobe MSYpref (1952–2014–ICESIMP2016)



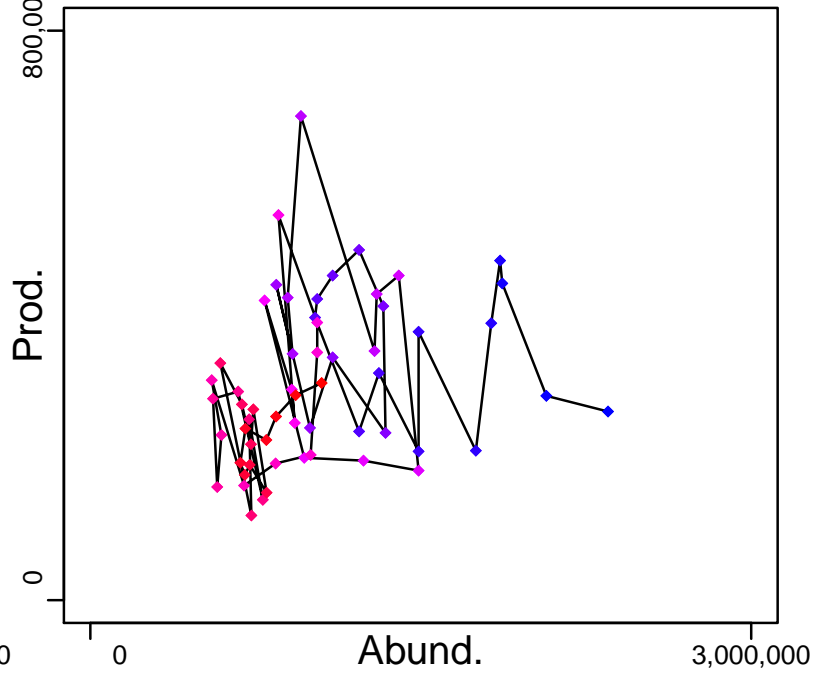
Kobe MGTpref (1952–2014–ICESIMP2016)



Spawner Recruit (1952–2018–ICESIMP2018)



Production (1952–2014–ICESIMP2016)

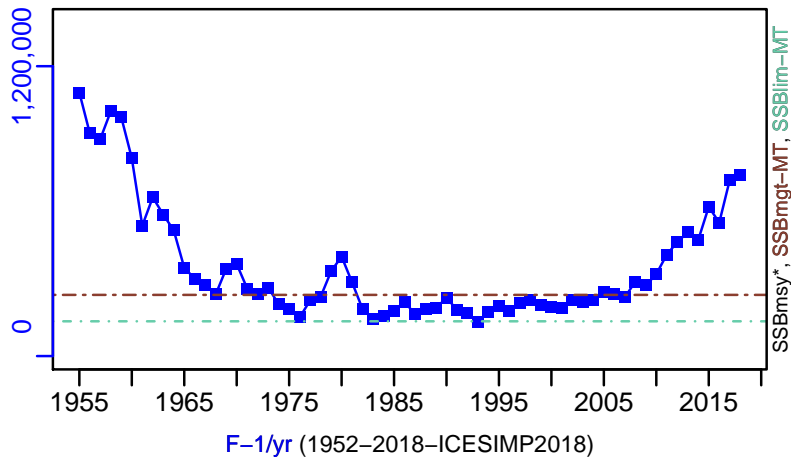
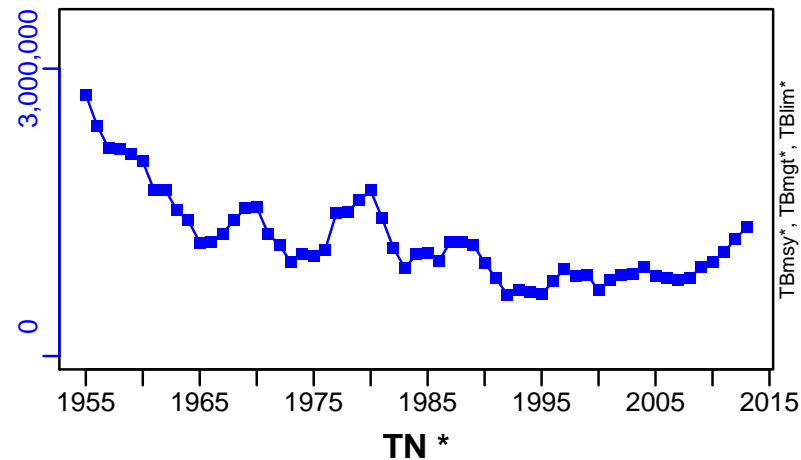


◆ Start Year ◆ End Year * No Data

Atlantic cod Iceland [CODICE]

TB-MT (1952-2014-ICESIMP2016)

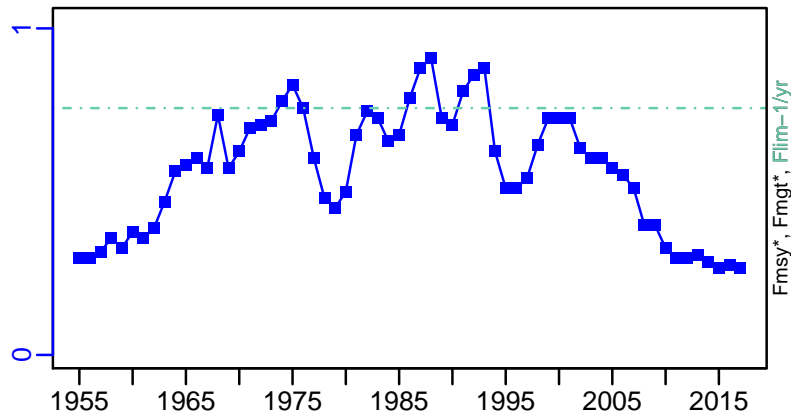
SSB-MT (1952-2018-ICESIMP2018)



TN *

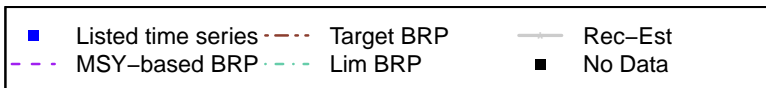
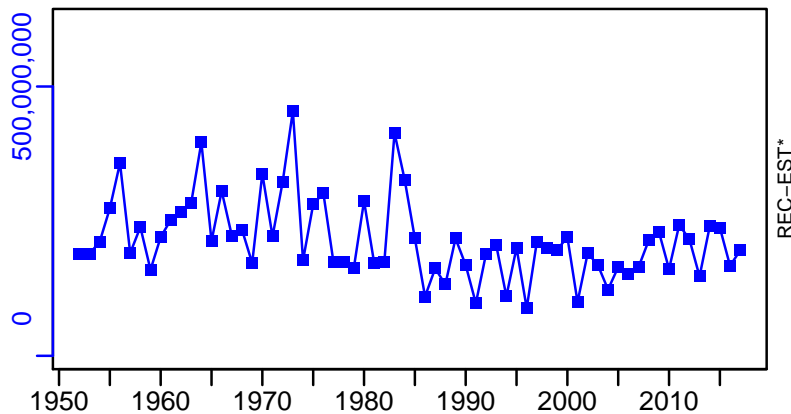
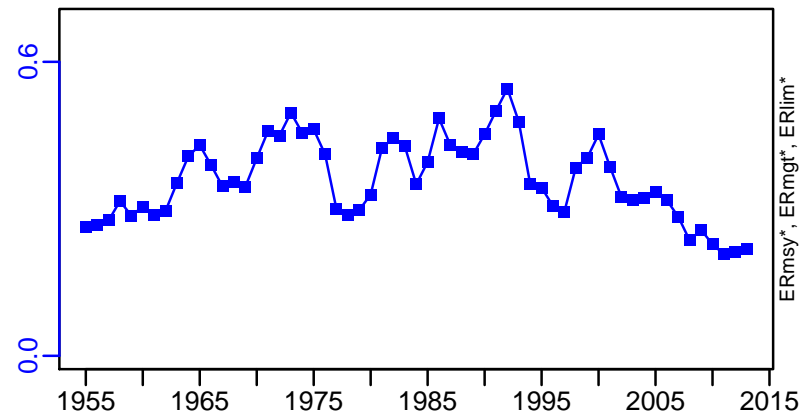


F-1/yr (1952-2018-ICESIMP2018)



ER-calc-ratio (1952-2014-ICESIMP2016)

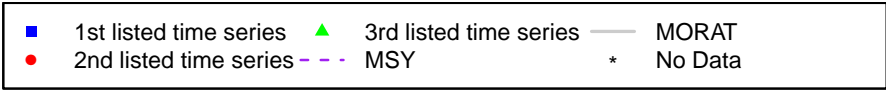
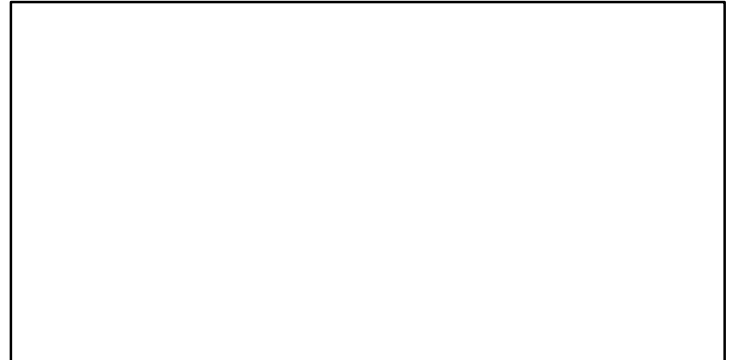
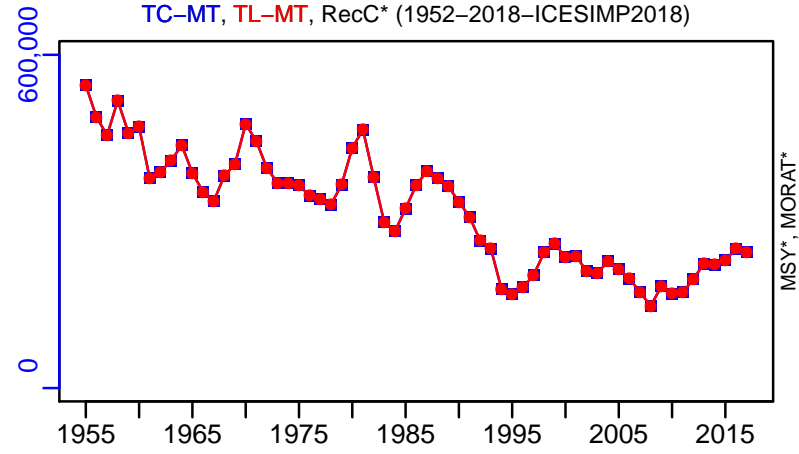
R-E00 (1952-2018-ICESIMP2018)



Atlantic cod Iceland [CODICE]

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

TAC*, Cpair*, Cadv*



Atlantic cod ICES If-XIV [CODif-XIV]

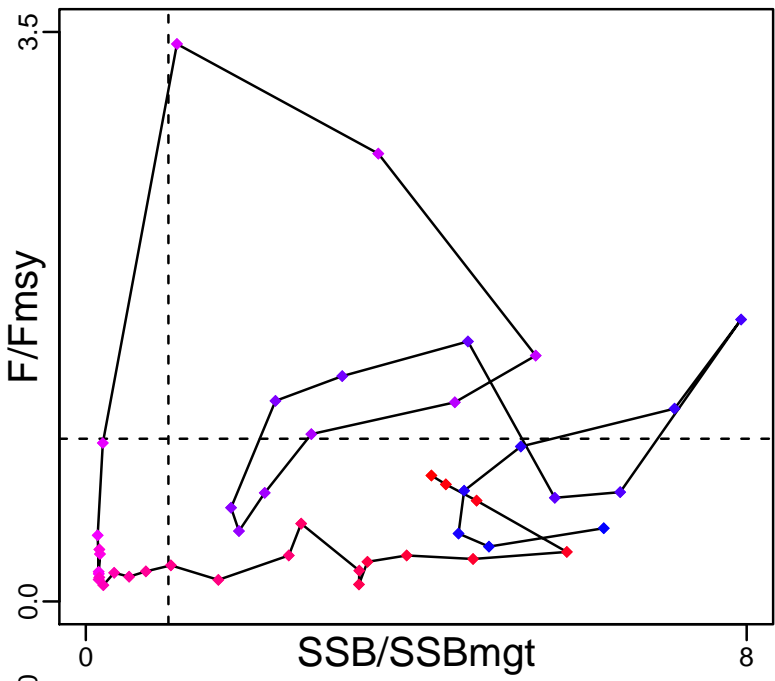
Metadata	
Scientific Name	Gadus morhua
Current Assess ID	NWWG-CODif-XIV-1972-2018-ICESIMP2018
Area	ICES If-XIV
Management Authority	International Council for the Exploration of the Sea
Assessor	North-Western Working Group
Asmts in RAM	2015, 2016, 2018

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

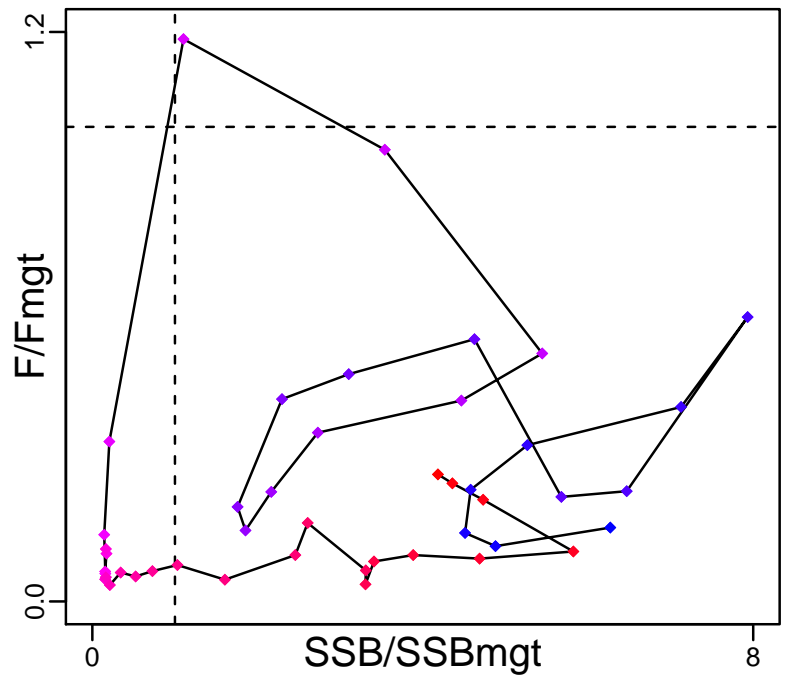
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	TB-MT	2018	81,200	Both	-
SSB	SSB-MT	2018	40,600	Both	-
TN	-	-	-	-	-
R	R-E00	2018	3,480,000	-	1
F	F-1/yr	2018	0.356	-	5 to 10
ER	ER-calc-ratio	2018	0.201	-	-
TC	TC-MT	2016	14,800		
TL	TL-MT	2018	16,300		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	F-1/yr/Fmsy-1/yr	2018	0.774		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2018	2.741		
F/Fmgt	F-1/yr/Fmgt-1/yr	2018	0.268		
ER/ERmgt	-	-	-		

Atlantic cod ICES If-XIV [CODIf-XIV]

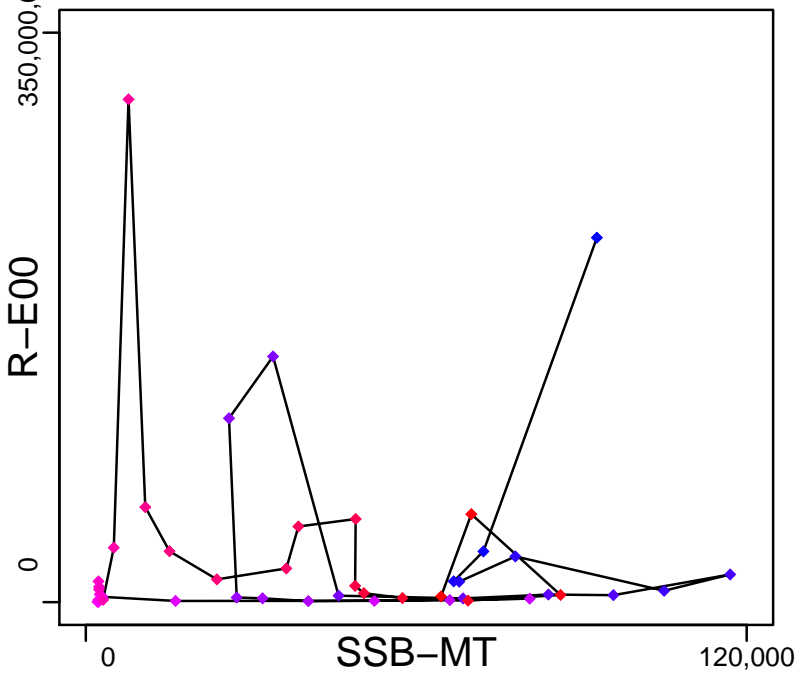
Kobe MSYpref (1972-2018-ICESIMP2018)



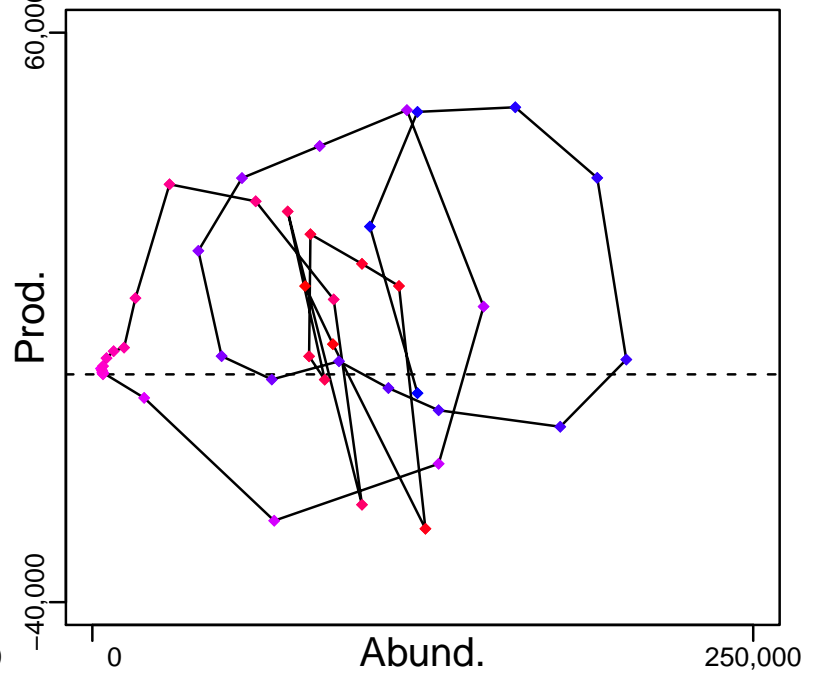
Kobe MGTpref (1972-2018-ICESIMP2018)



Spawner Recruit (1972-2018-ICESIMP2018)



Production (1972-2018-ICESIMP2018)

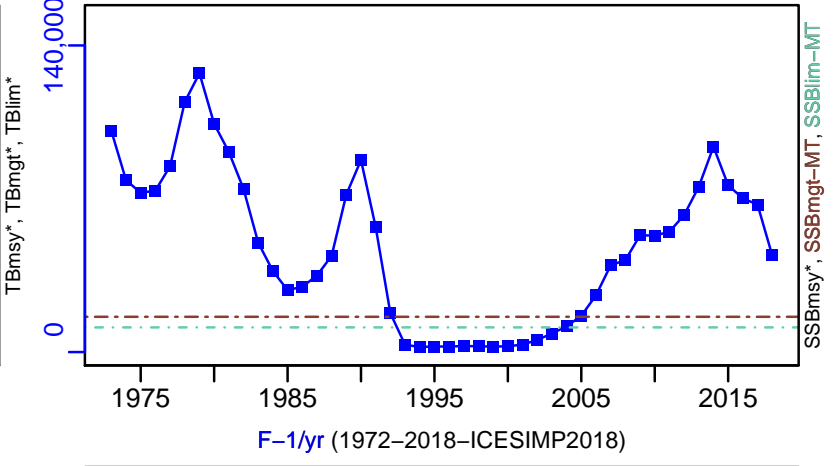
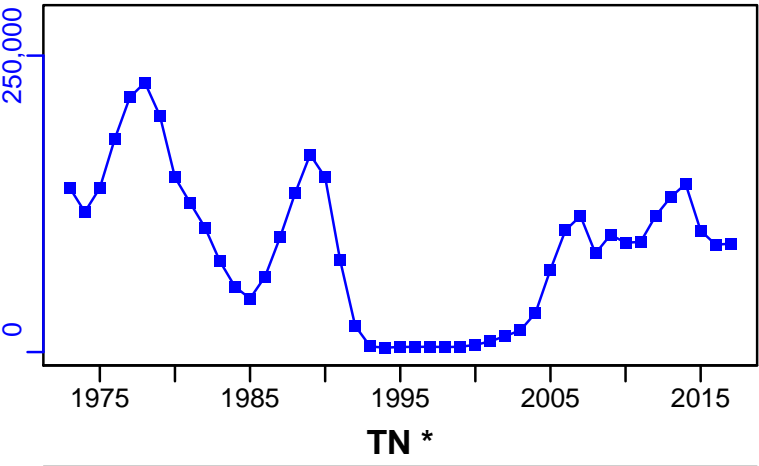


◆ Start Year ◆ End Year * No Data

Atlantic cod ICES If-XIV [CODIf-XIV]

TB-MT (1972-2018-ICESIMP2018)

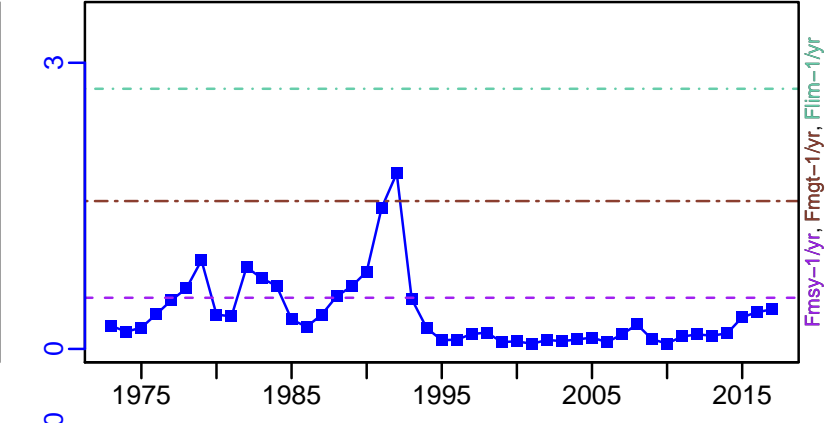
SSB-MT (1972-2018-ICESIMP2018)



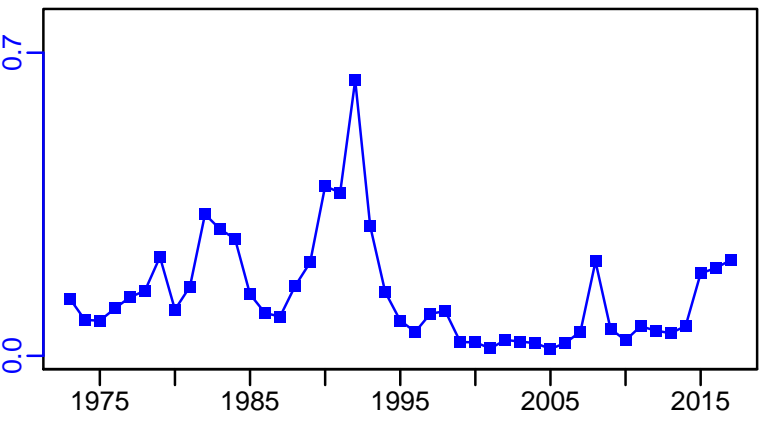
TN *



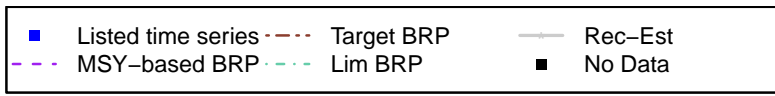
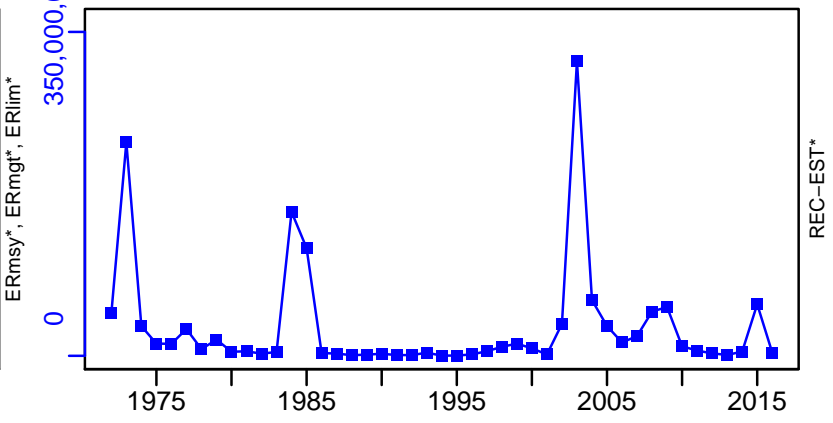
F-1/yr (1972-2018-ICESIMP2018)



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



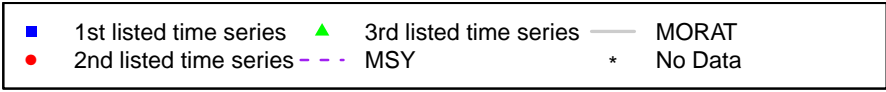
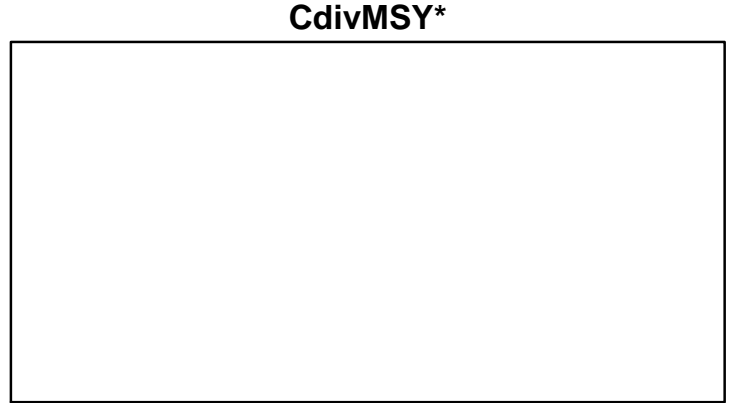
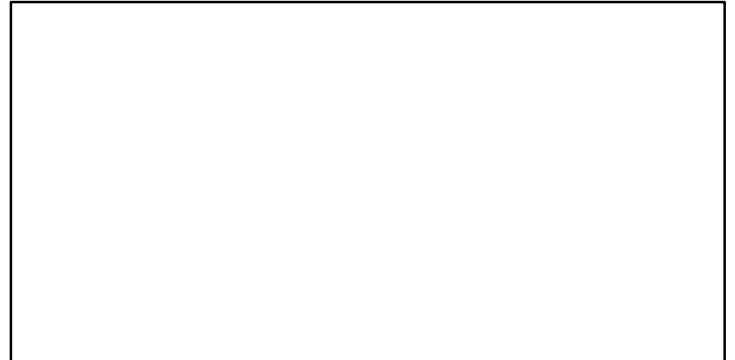
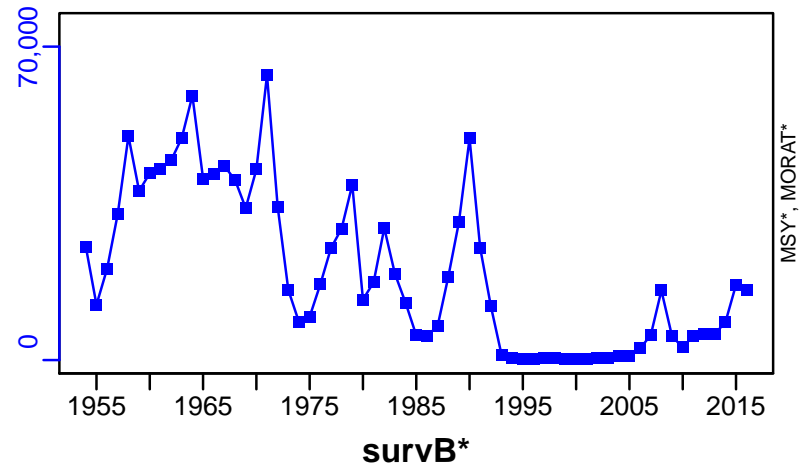
R-E00 (1972-2018-ICESIMP2018)



Atlantic cod ICES If-XIV [CODIf-XIV]

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

TAC*, Cpair*, Cadv*



Atlantic cod Northeast Arctic [CODNEAR]

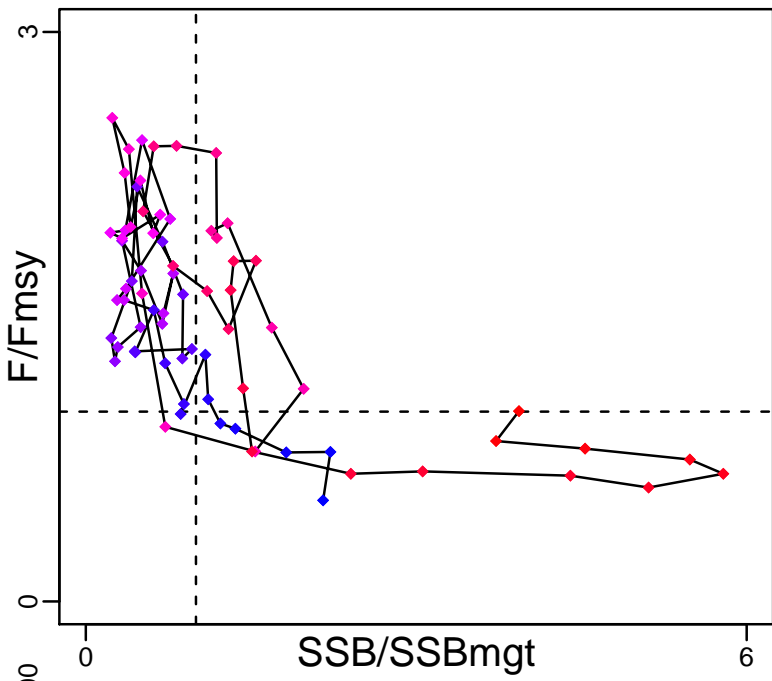
Metadata	
Scientific Name	Gadus morhua
Current Assess ID	AFWG-CODNEAR-1943-2018-ICESIMP2018
Area	North-East Arctic
Management Authority	International Council for the Exploration of the Sea
Assessor	Arctic Fisheries Working Group
Asmts in RAM	2013, 2014, 2015, 2016, 2017, 2018, 2011

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

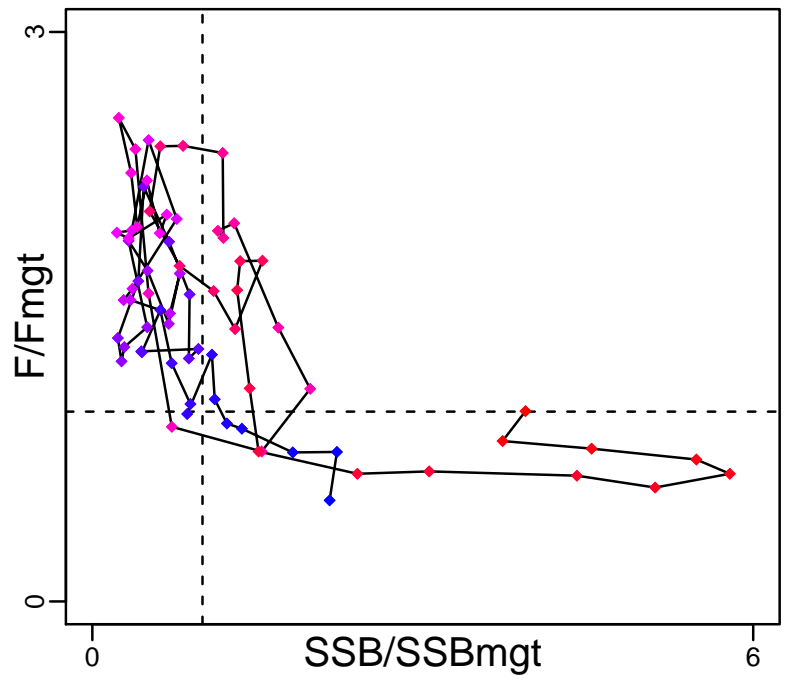
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	TB-MT	2018	2,620,000	Both	-
SSB	SSB-MT	2018	1,490,000	Both	-
TN	-	-	-	-	-
R	R-E00	2018	6.91×10^8	-	3
F	F-1/yr	2018	0.401	-	5 to 10
ER	ER-calc-ratio	2018	0.286	-	-
TC	TC-MT	2018	868,000		
TL	TL-MT	2018	868,000		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	F-1/yr/Fmsy-1/yr	2018	1.002		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2018	3.23		
F/Fmgt	F-1/yr/Fmgt-1/yr	2018	1.002		
ER/ERmgt	-	-	-		

Atlantic cod Northeast Arctic [CODNEAR]

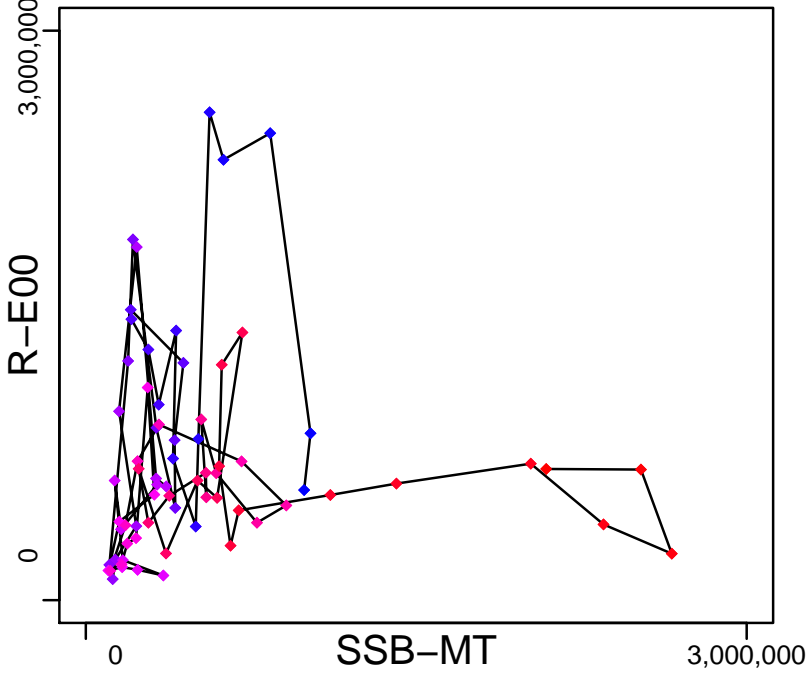
Kobe MSYpref (1943–2018–ICESIMP2018)



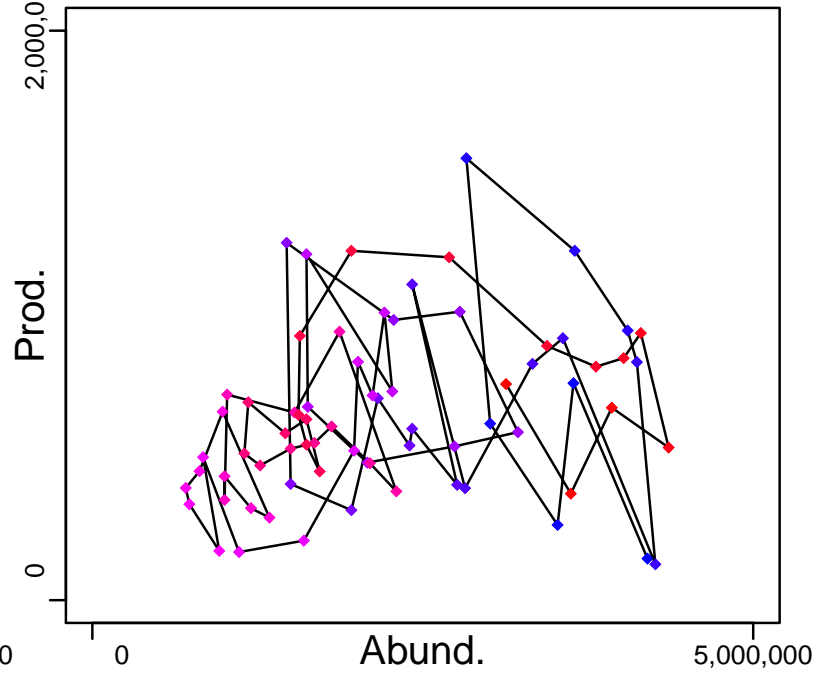
Kobe MGTpref (1943–2018–ICESIMP2018)



Spawner Recruit (1943–2018–ICESIMP2018)



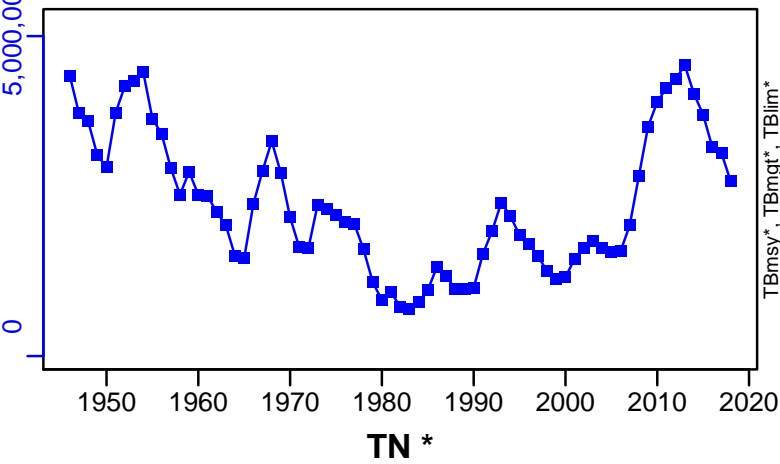
Production (1943–2018–ICESIMP2018)



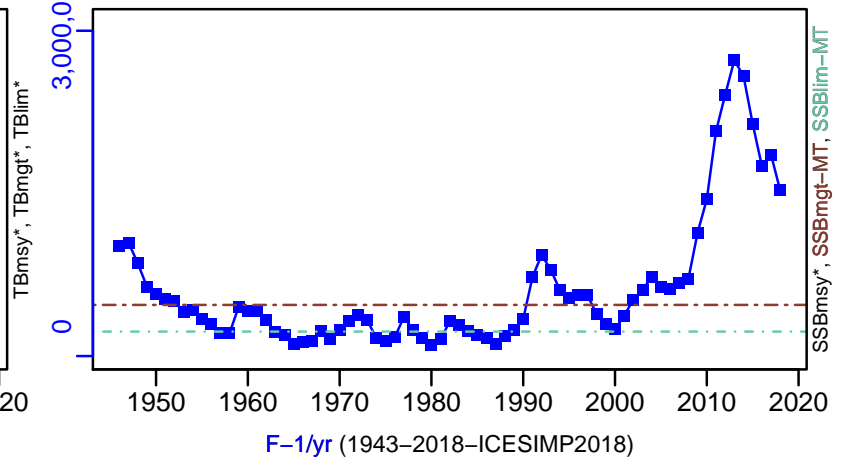
◆ Start Year ◆ End Year * No Data

Atlantic cod Northeast Arctic [CODNEAR]

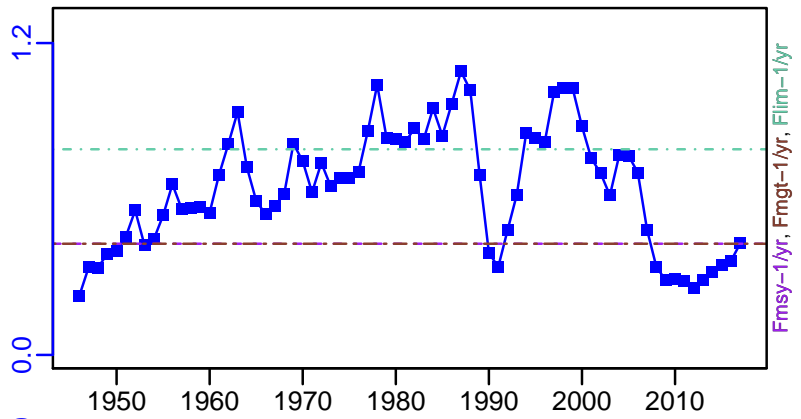
TB-MT (1943–2018–ICESIMP2018)



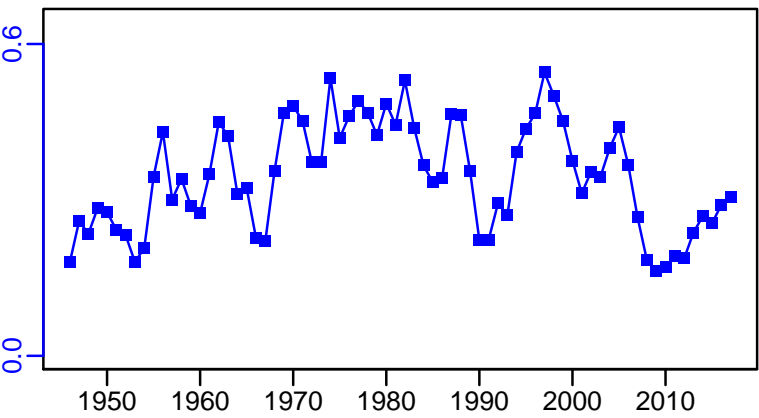
SSB-MT (1943–2018–ICESIMP2018)



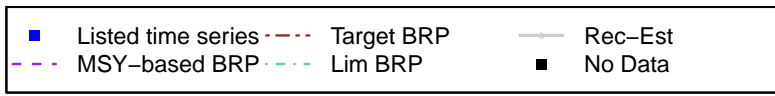
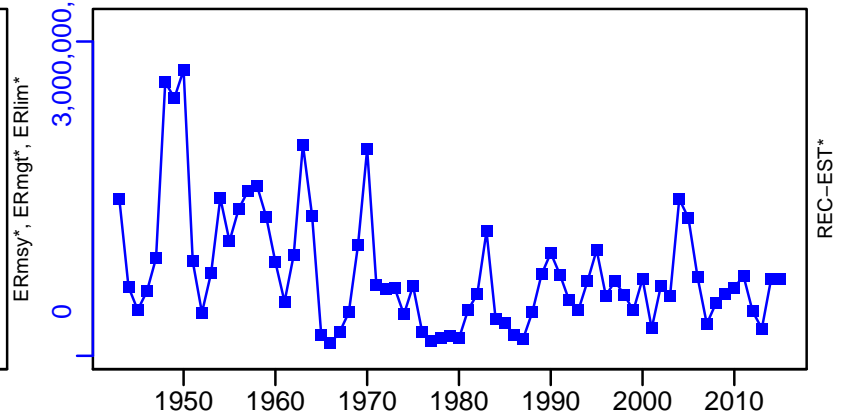
F-1/yr (1943–2018–ICESIMP2018)



ER-calc-ratio (1943–2018–ICESIMP2018)



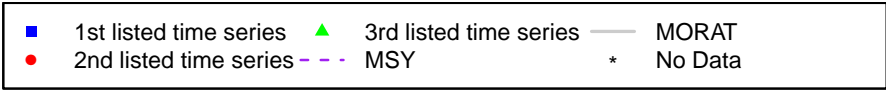
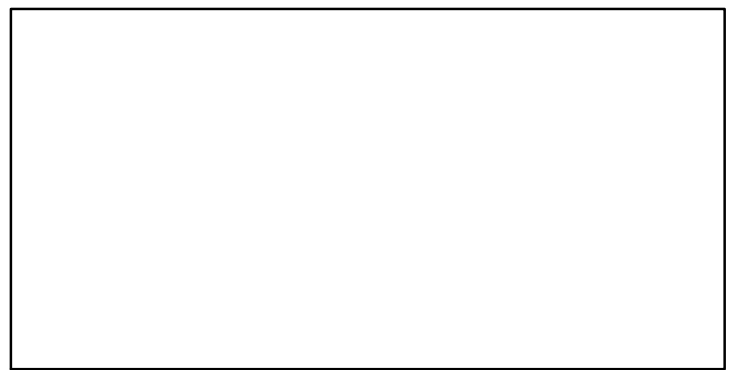
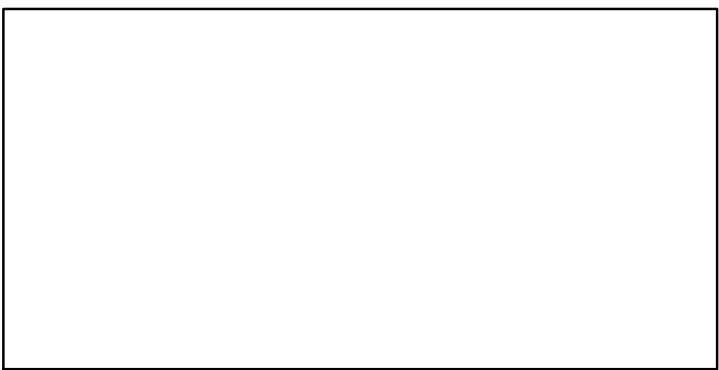
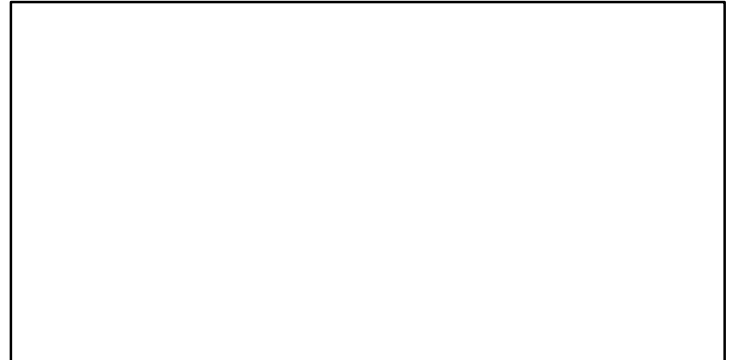
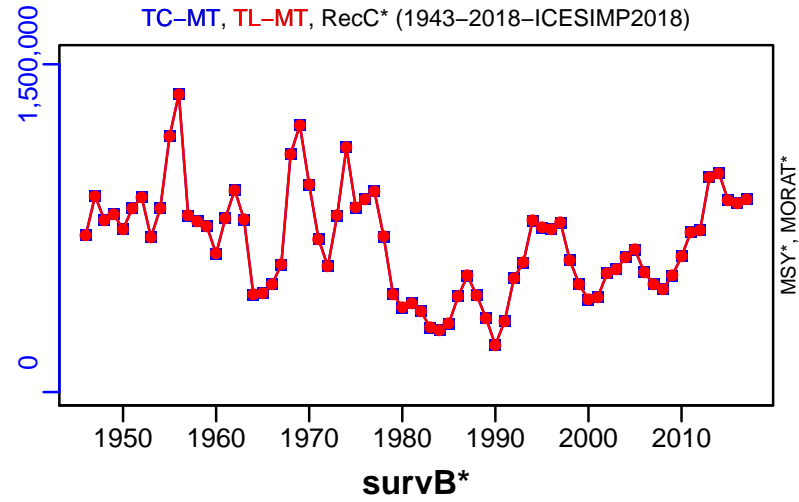
R-E00 (1943–2018–ICESIMP2018)



Atlantic cod Northeast Arctic [CODNEAR]

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

TAC*, Cpair*, Cadv*



Atlantic cod Northeast Arctic (Norwegian coastal waters) [CODNEARNCW]

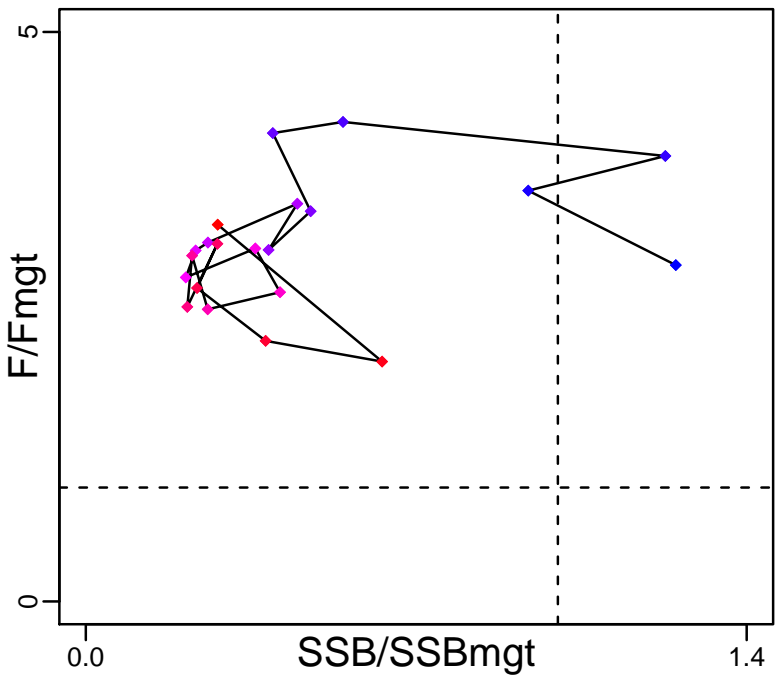
Metadata	
Scientific Name	Gadus morhua
Current Assess ID	AFWG-CODNEARNCW-1984-2017-ICESIMP2018
Area	North-East Arctic (Norwegian coastal waters)
Management Authority	International Council for the Exploration of the Sea
Assessor	Arctic Fisheries Working Group
Asmts in RAM	2016, 2016, 2017

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

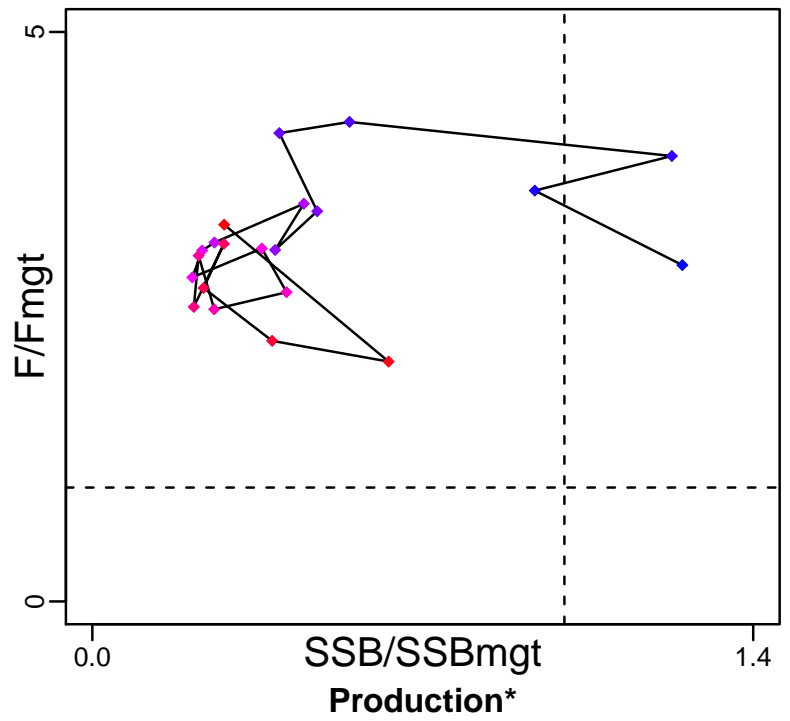
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	-	-	-	-	-
SSB	SSB-MT	2016	16,800	Both	-
TN	-	-	-	-	-
R	R-relative	2016	0.918	-	2
F	F-1/yr	2017	0.331	-	4 to 7
ER	-	-	-	-	-
TC	TC-MT	2017	52,900		
TL	TL-MT	2017	52,900		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2016	0.279		
F/Fmgt	F-1/yr/Fmgt-1/yr	2016	3.308		
ER/ERmgt	-	-	-		

Atlantic cod Northeast Arctic (Norwegian coastal waters) [CODNEARNCW]

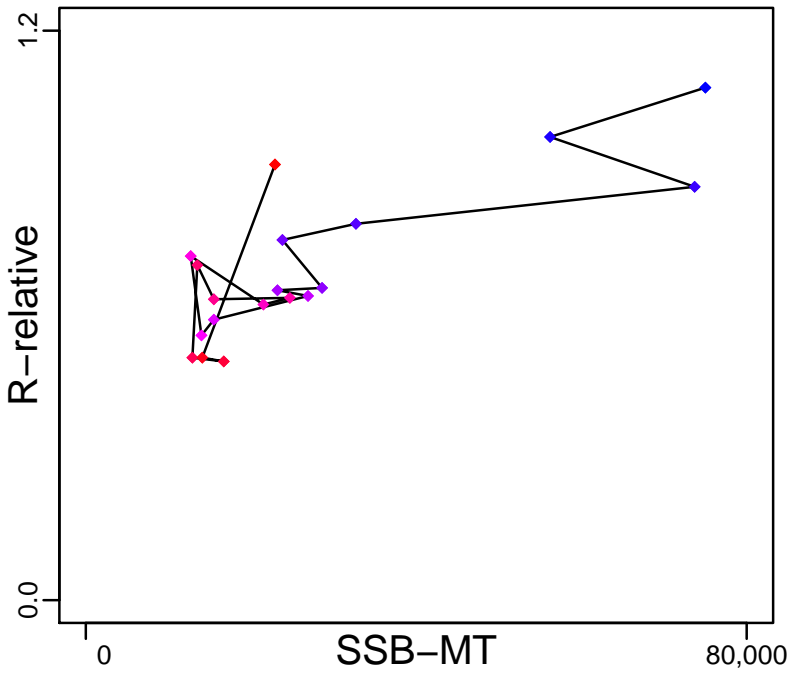
Kobe MSYpref (1982–2016–ICESIMP2016)



Kobe MGTpref (1982–2016–ICESIMP2016)



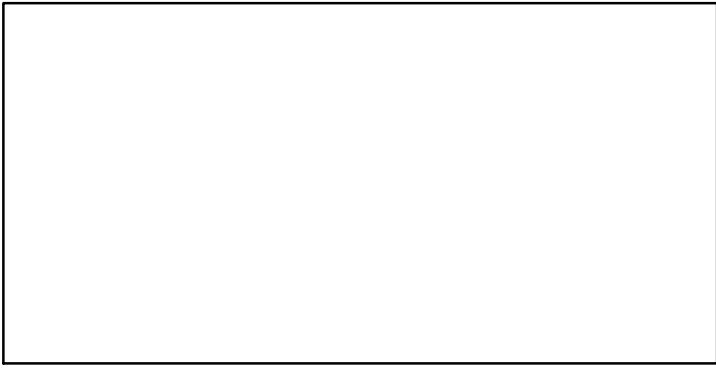
Spawner Recruit (1982–2016–ICESIMP2016)



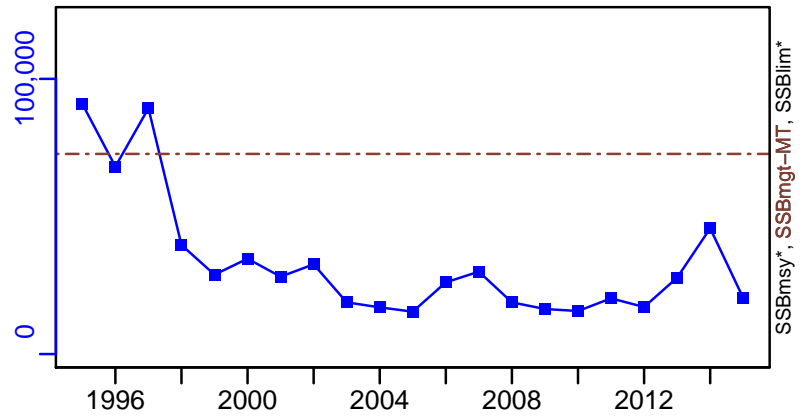
◆ Start Year ◆ End Year * No Data

Atlantic cod Northeast Arctic (Norwegian coastal waters) [CODNEARNCW]

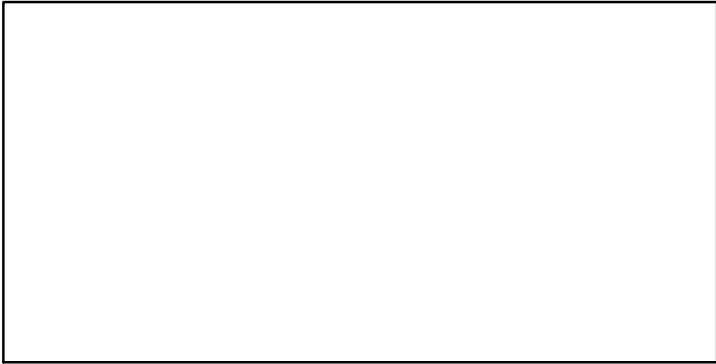
TB*



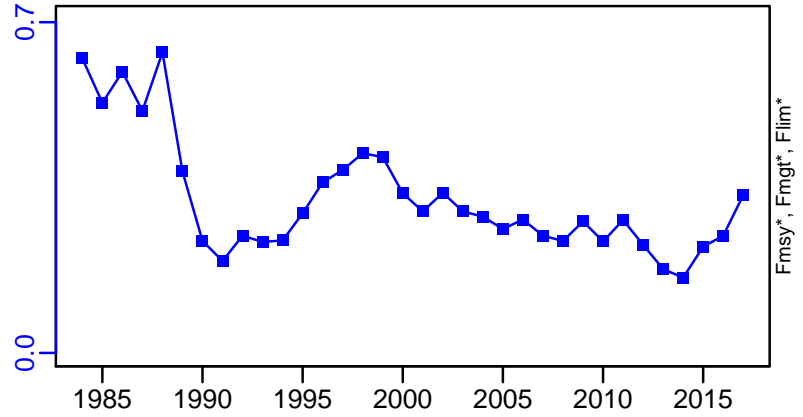
SSB-MT (1982-2016-ICESIMP2016)



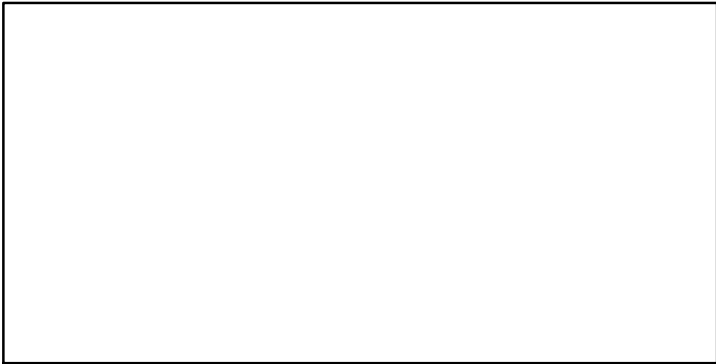
TN *



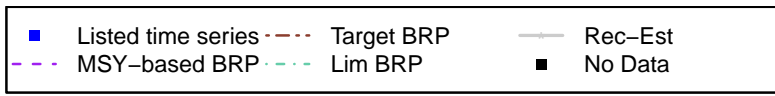
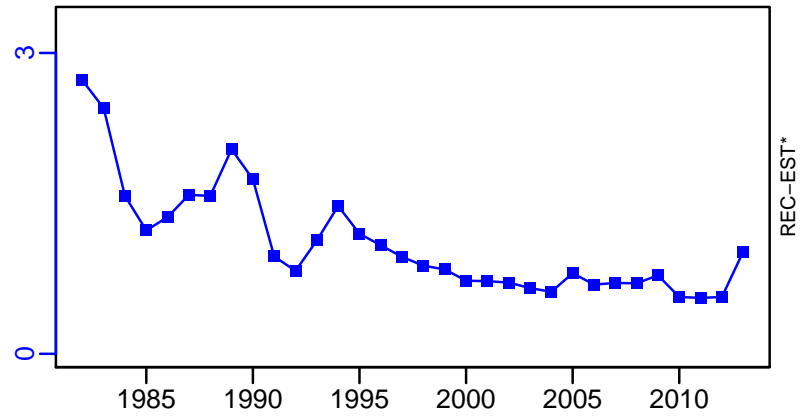
F-1/yr (1984-2017-ICESIMP2018)



ER*



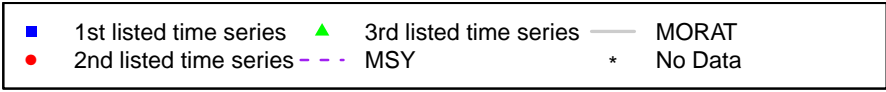
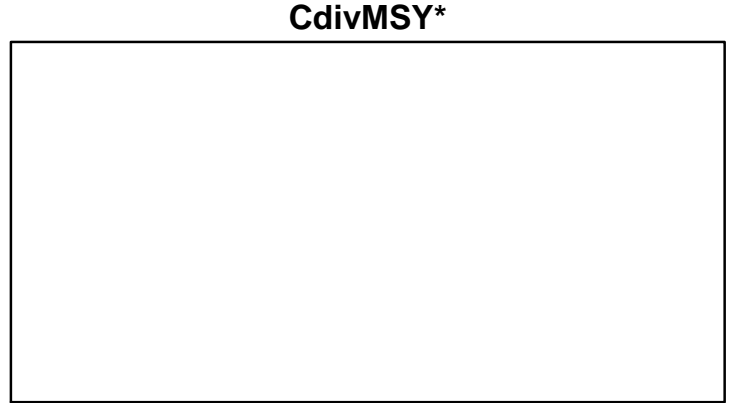
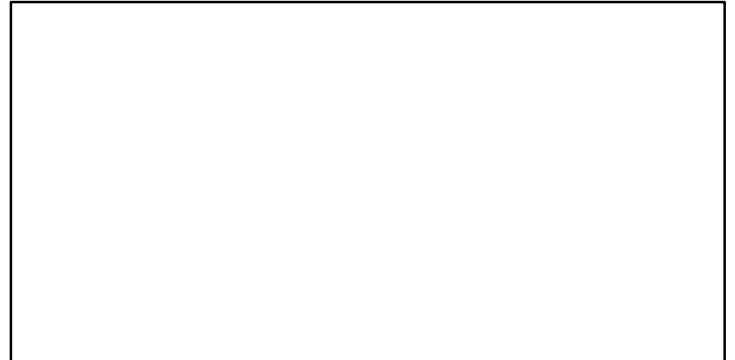
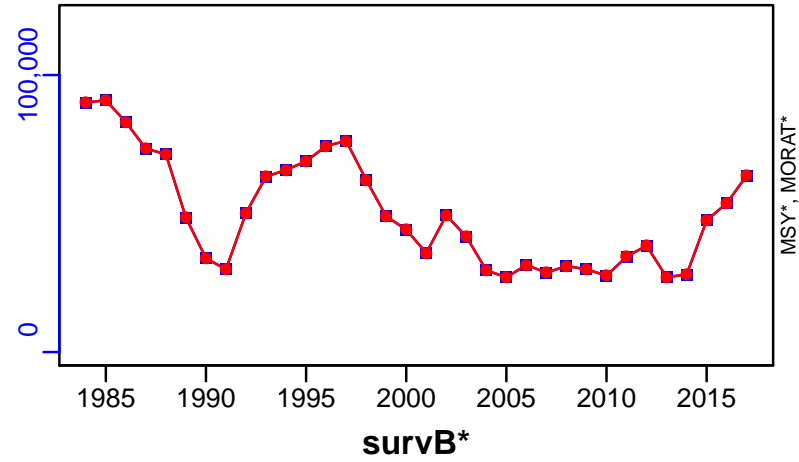
R-relative (1982-2016-ICESIMP2016)



Atlantic cod Northeast Arctic (Norwegian coastal waters) [CODNEARNCW]

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

TAC*, Cpair*, Cadv*



Tusk North-East Arctic [CUSKI-II]

Metadata	
Scientific Name	Brosme brosme
Current Assess ID	WGDEEP-CUSKI-II-1988-2016-ICESIMP2018
Area	North-East Arctic
Management Authority	International Council for the Exploration of the Sea
Assessor	Working Group on the Biology and Assessment of Deep-Sea Fisheries Resources
Asmts in RAM	2014, 2016

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

Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	-	-	-	-	-
SSB	SSB-MT	2014	111	Both	-
TN	-	-	-	-	-
R	-	-	-	-	-
F	-	-	-	-	-
ER	-	-	-	-	-
TC	TC-MT	2014	8730		
TL	TL-MT	2016	11,700		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

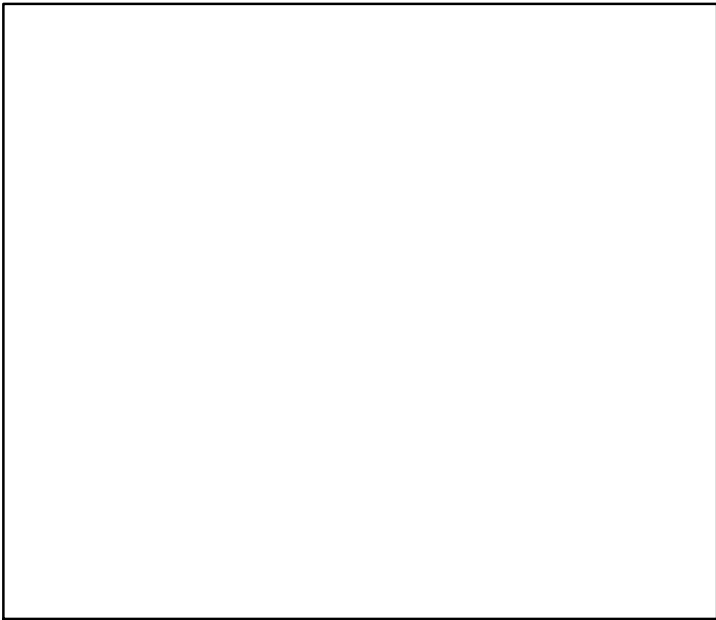
Kobe MSY*



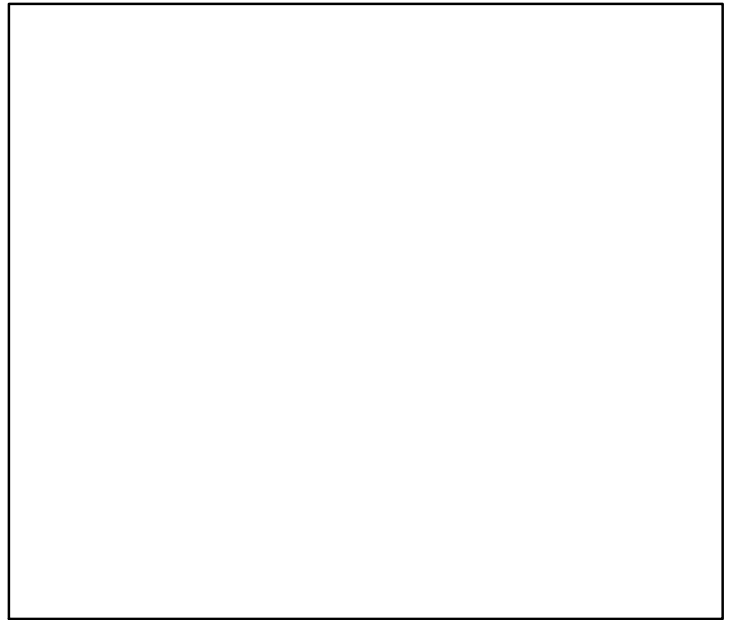
Kobe MGT*



Spawner Recruit*



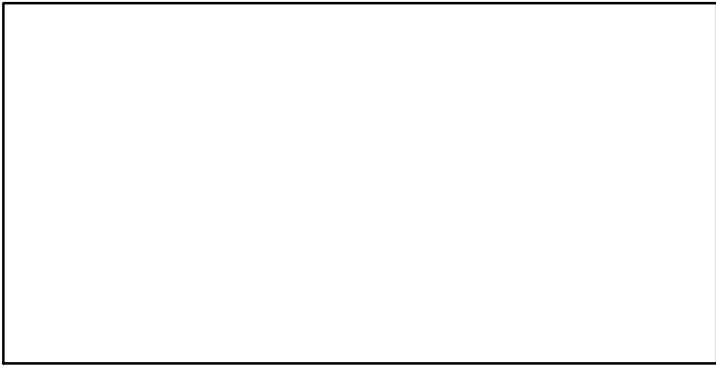
Production*



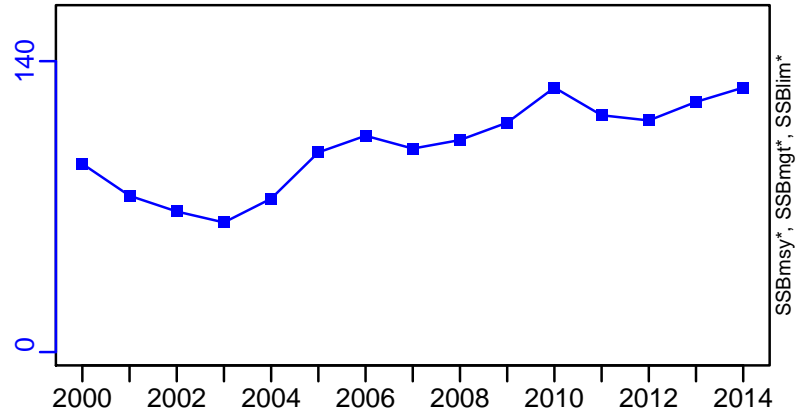
◆ Start Year ◆ End Year * No Data

Tusk North-East Arctic [CUSKI-II]

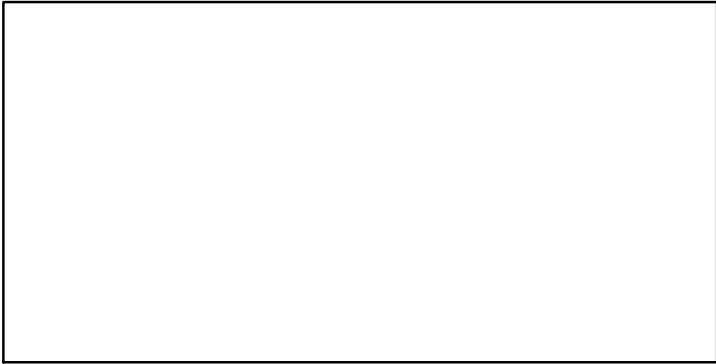
TB*



SSB-MT (1988-2014-ICESIMP2018)



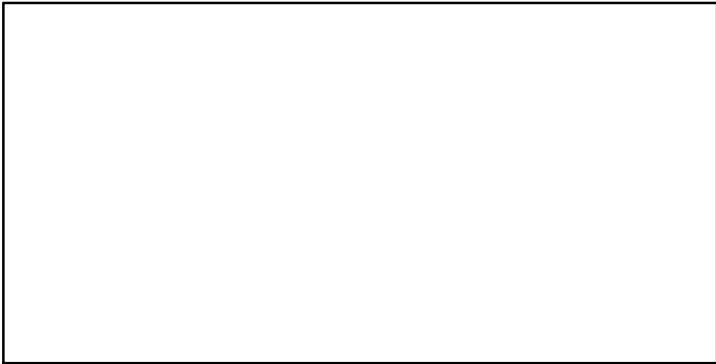
TN *



F*



ER*



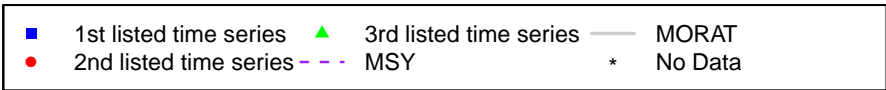
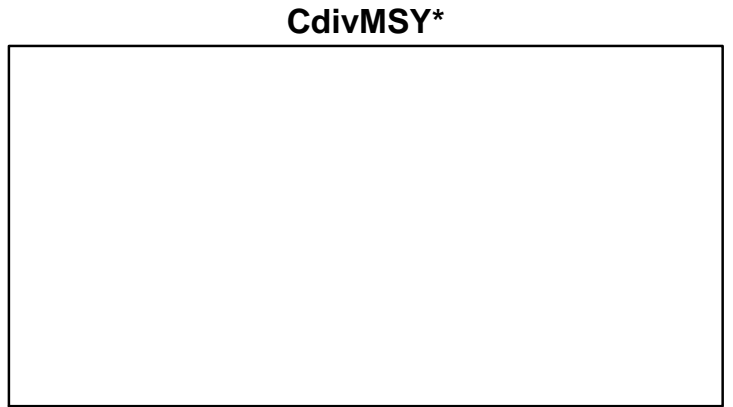
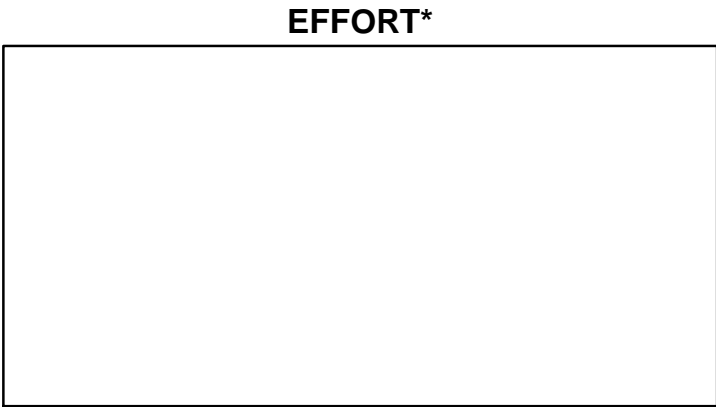
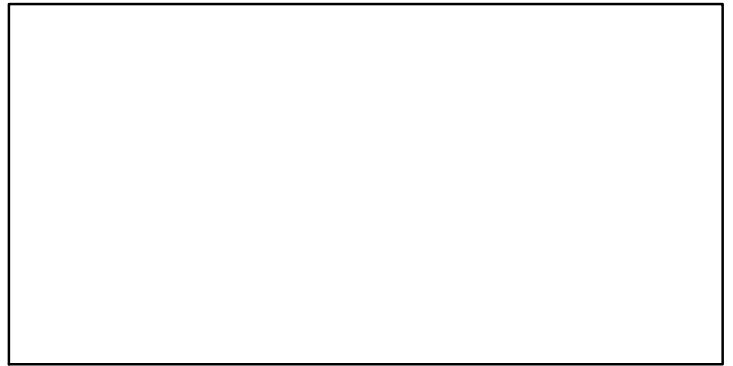
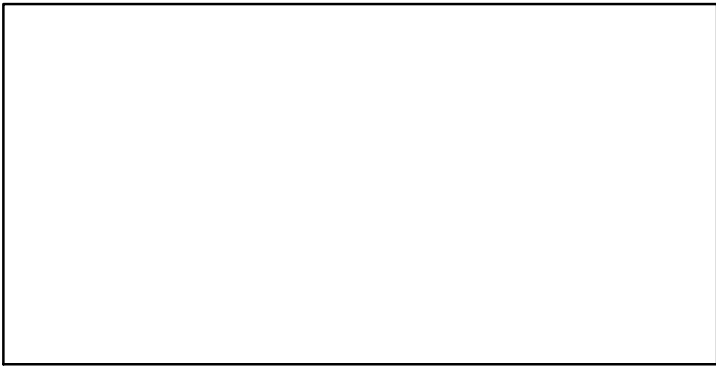
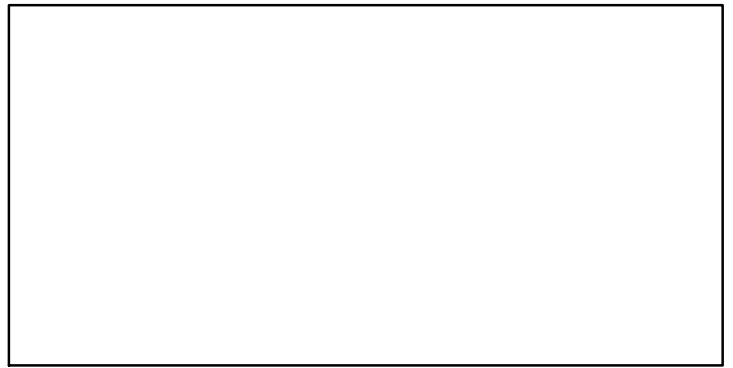
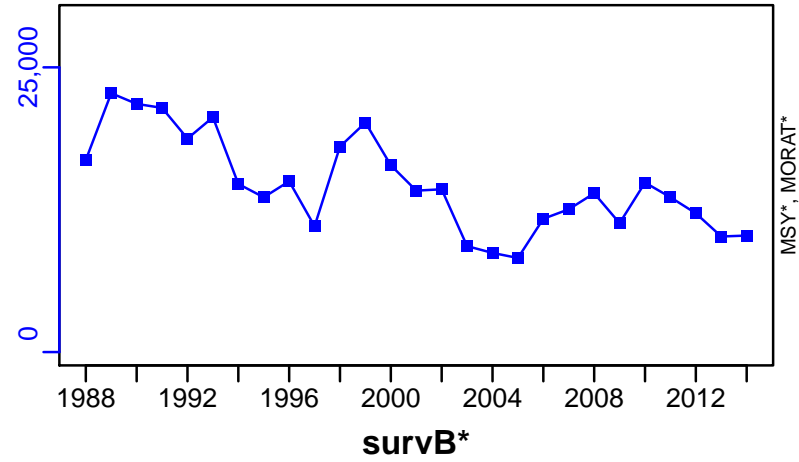
Recruits*



Tusk North-East Arctic [CUSKI-II]

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

TAC*, Cpair*, Cadv*



Greenland halibut Northeast Arctic [GHALNEAR]

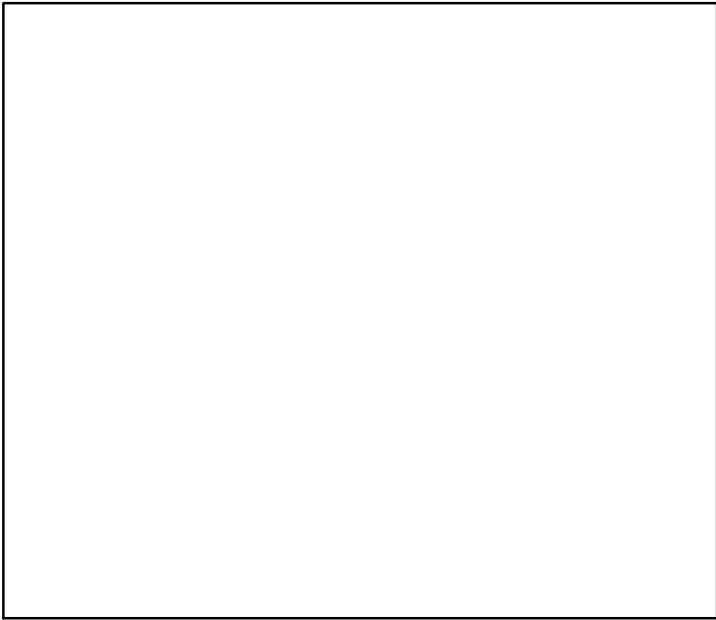
Metadata	
Scientific Name	Reinhardtius hippoglossoides
Current Assess ID	AFWG-GHALNEAR-1935-2016-ICESIMP2018
Area	North-East Arctic
Management Authority	International Council for the Exploration of the Sea
Assessor	Arctic Fisheries Working Group
Asmts in RAM	2016, 2010, 2015

Reference Points			
Type	ID	Asmt Year	Value
TBmsy	-	-	-
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	2015	734,000	Both	-
TN	-	-	-	-	-
R	R-E00	2016	1,020,000	-	-
F	F-1/yr	2010	0.061	-	6 to 10
ER	ER-ratio	2016	0.037	-	-
TC	TC-MT	2015	22,200		
TL	TL-MT	2016	24,900		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

Greenland halibut Northeast Arctic [GHALNEAR]

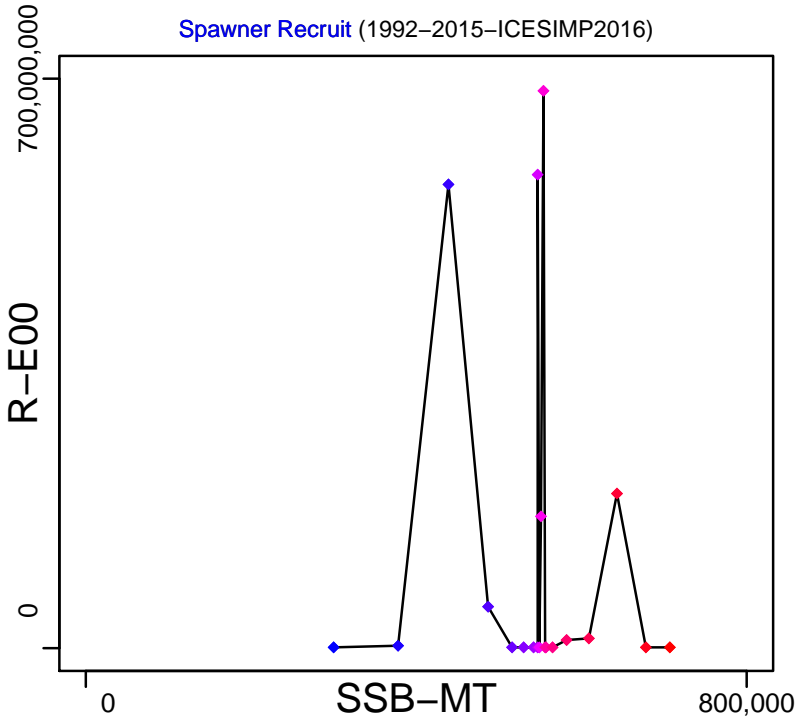
Kobe MSY*



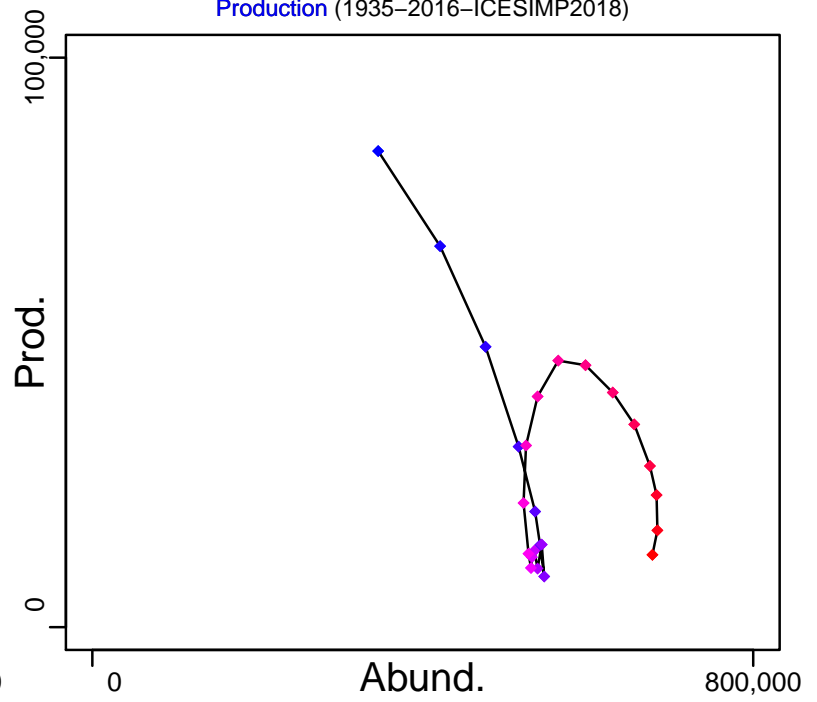
Kobe MGT*



Spawner Recruit (1992–2015–ICESIMP2016)



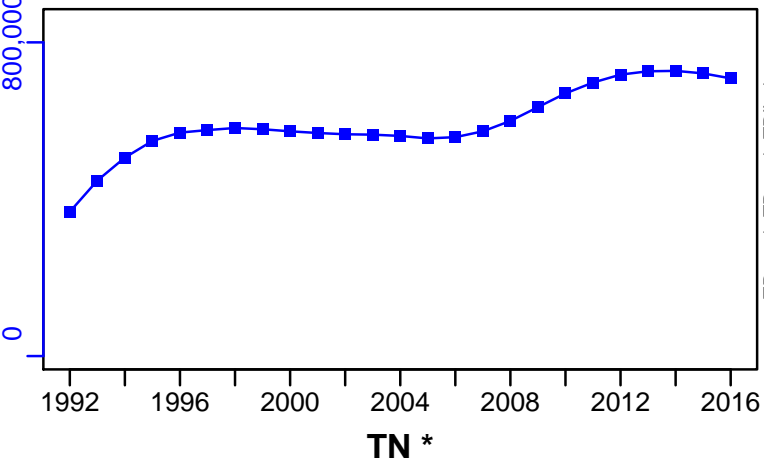
Production (1935–2016–ICESIMP2018)



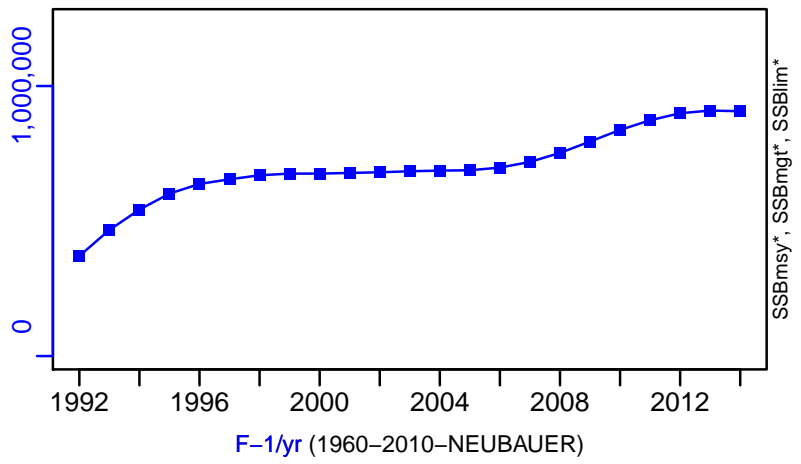
◆ Start Year ◆ End Year * No Data

Greenland halibut Northeast Arctic [GHALNEAR]

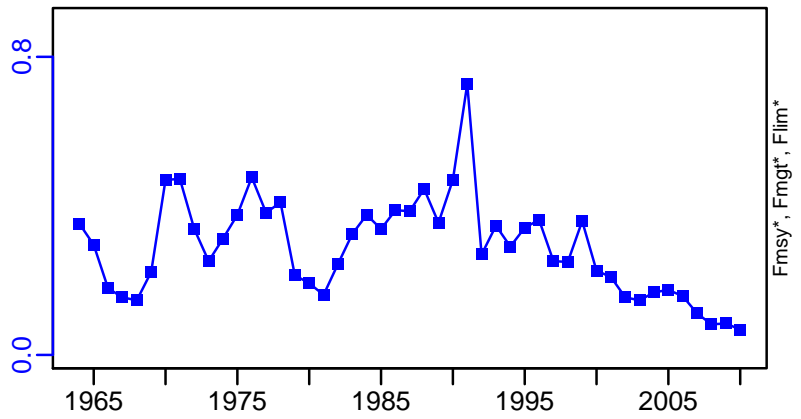
TB-MT (1935-2016-ICESIMP2018)



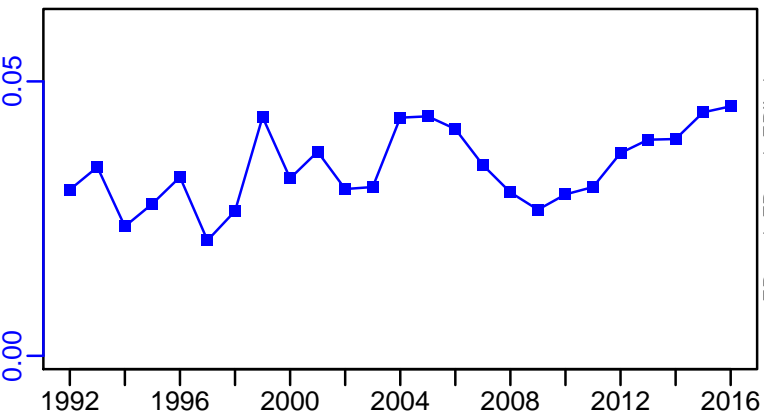
SSB-MT (1992-2015-ICESIMP2016)



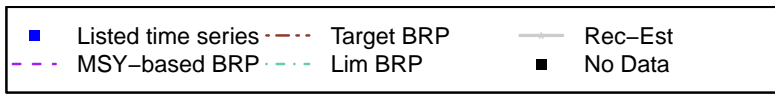
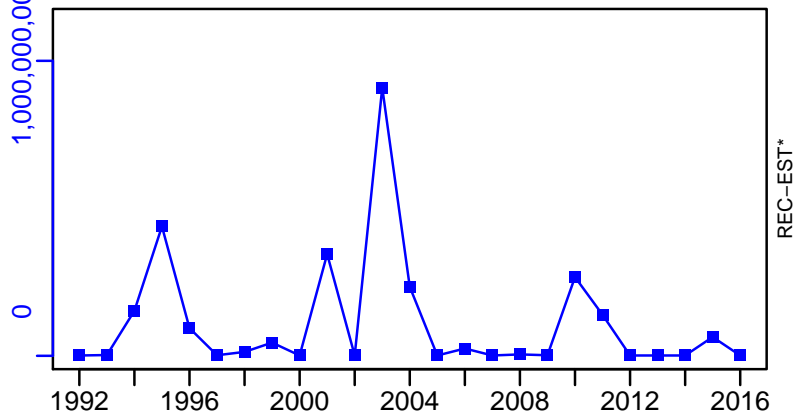
F-1/yr (1960-2010-NEUBAUER)



ER-ratio (1935-2016-ICESIMP2018)

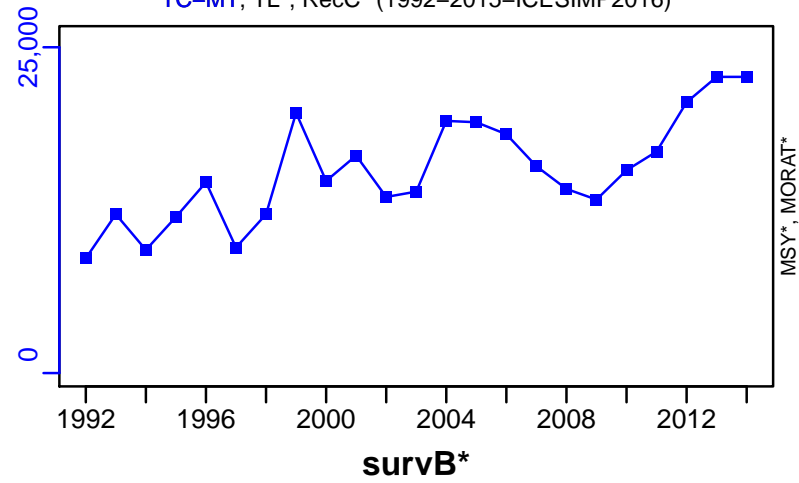


R-E00 (1935-2016-ICESIMP2018)

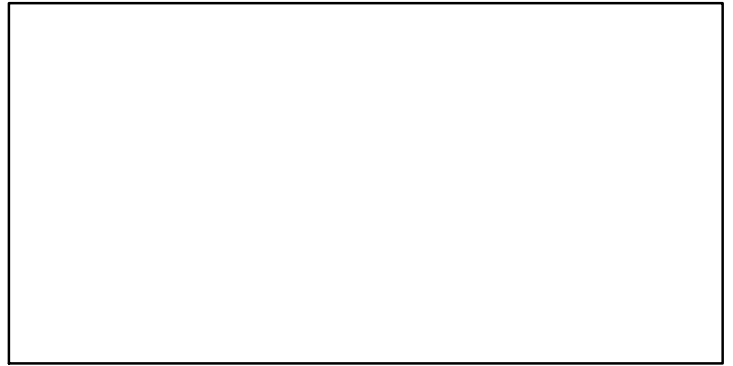


Greenland halibut Northeast Arctic [GHALNEAR]

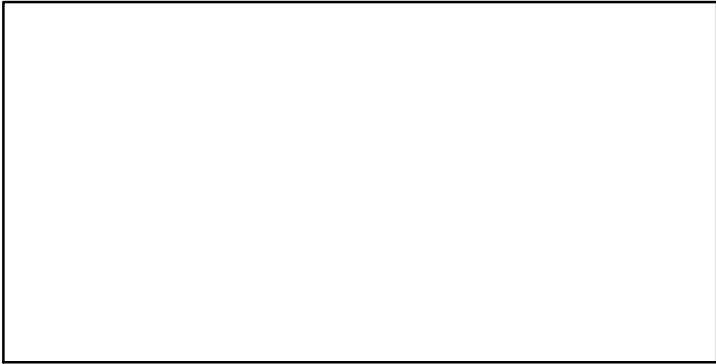
TC-MT, TL*, RecC* (1992-2015-ICESIMP2016)



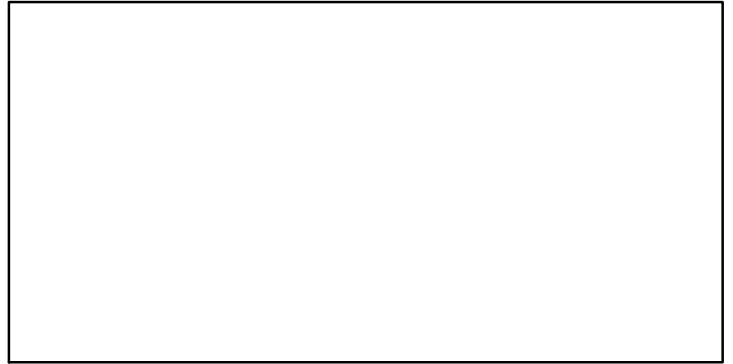
TAC*, Cpair*, Cadv*



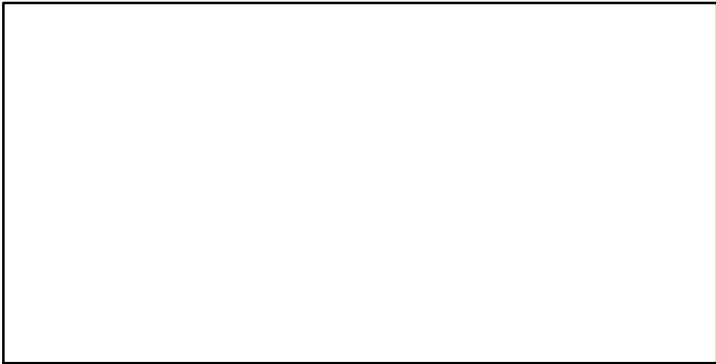
survB*



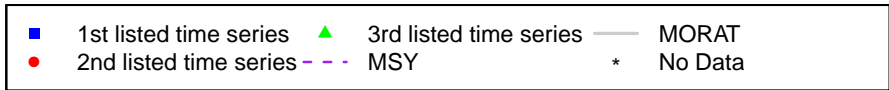
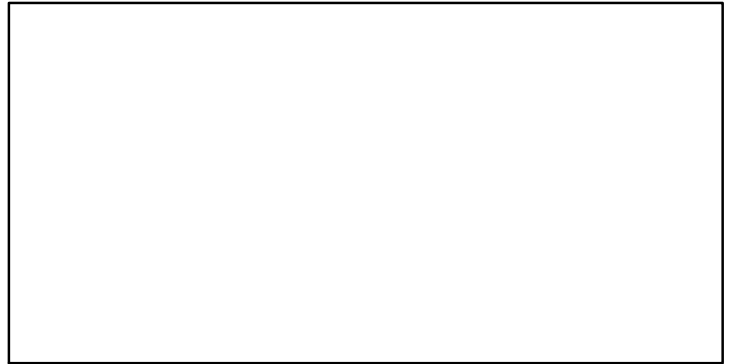
CPUE*



EFFORT*



CdivMSY*



Golden Redfish Northeast Arctic [GOLDREDNEAR]

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

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

Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	TB-MT	2017	34,400	Both	-
SSB	SSB-MT	2017	22,000	Both	-
TN	-	-	-	-	-
R	R-E00	2017	30,000	-	3
F	F-1/yr	2017	0.305	-	15+
ER	ER-calc-ratio	2017	0.155	-	-
TC	TC-MT	2017	5340		
TL	TL-MT	2017	5340		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	F-1/yr/Fmsy-1/yr	2017	5.806		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	F-1/yr/Fmgt-1/yr	2017	5.806		
ER/ERmgt	-	-	-		

Golden Redfish Northeast Arctic [GOLDREDNEAR]

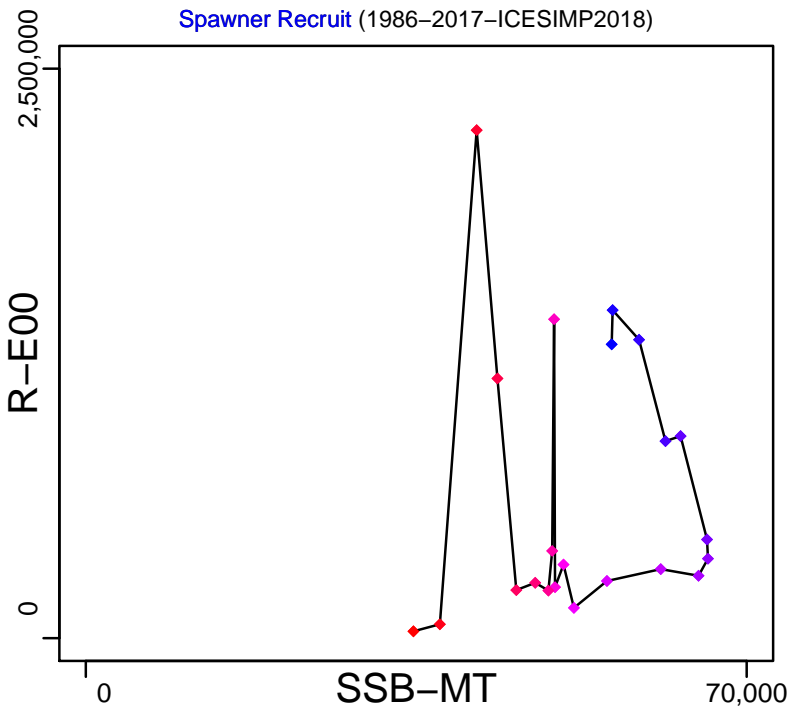
Kobe MSY*



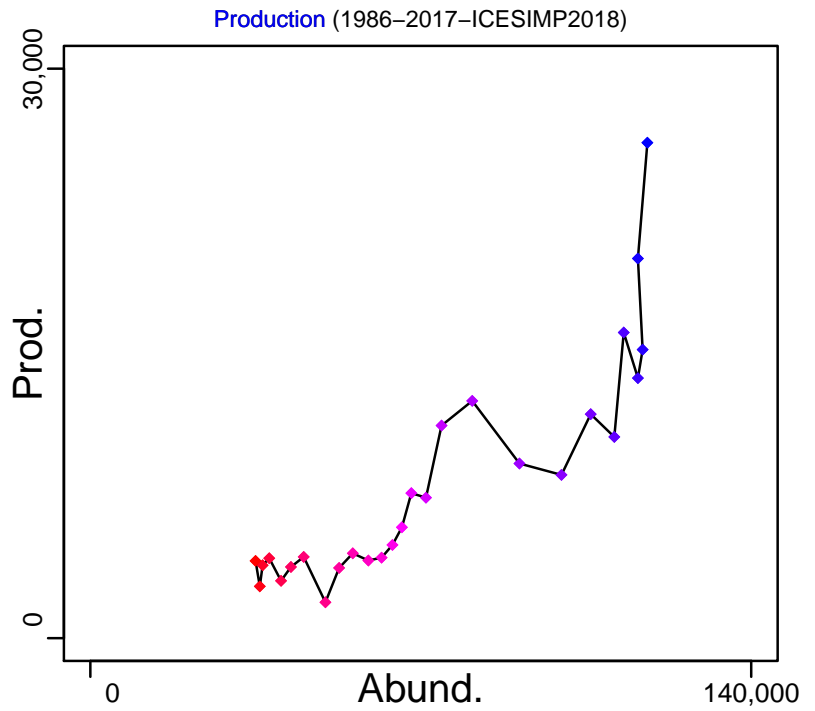
Kobe MGT*



Spawner Recruit (1986–2017–ICESIMP2018)



Production (1986–2017–ICESIMP2018)

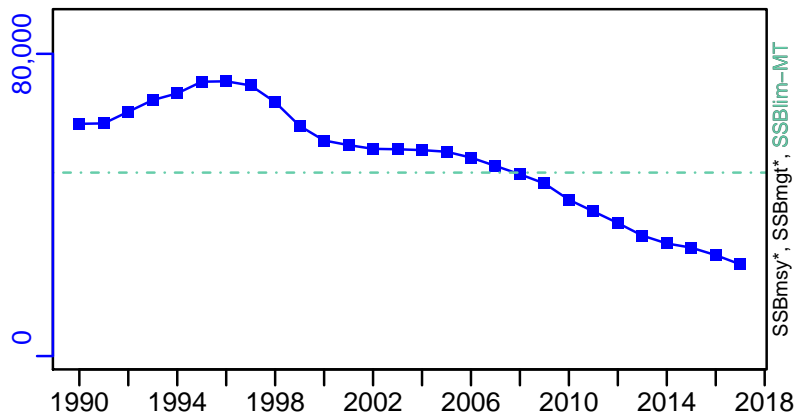
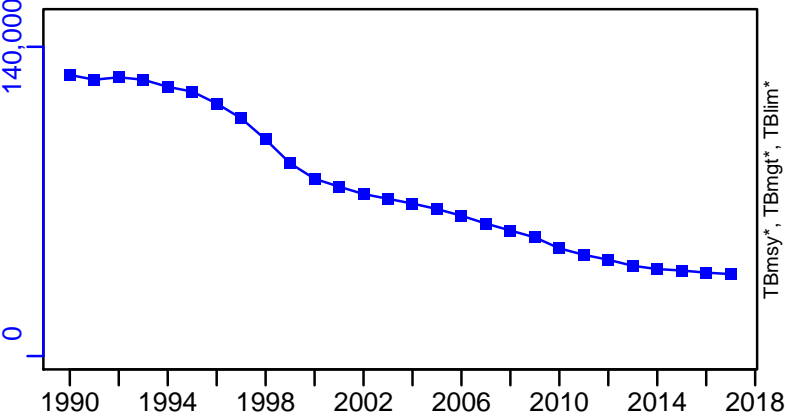


◆ Start Year ◆ End Year * No Data

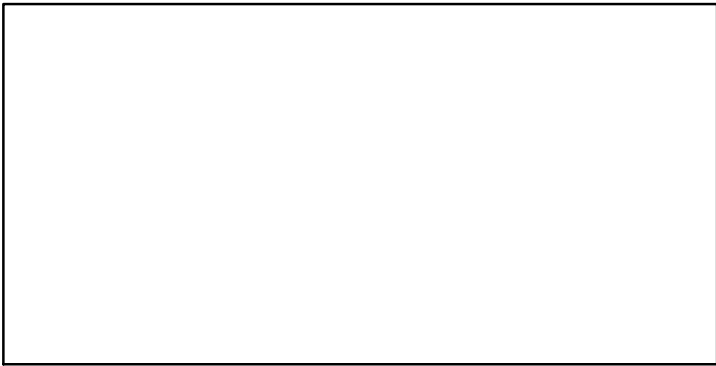
Golden Redfish Northeast Arctic [GOLDREDNEAR]

TB-MT (1986-2017-ICESIMP2018)

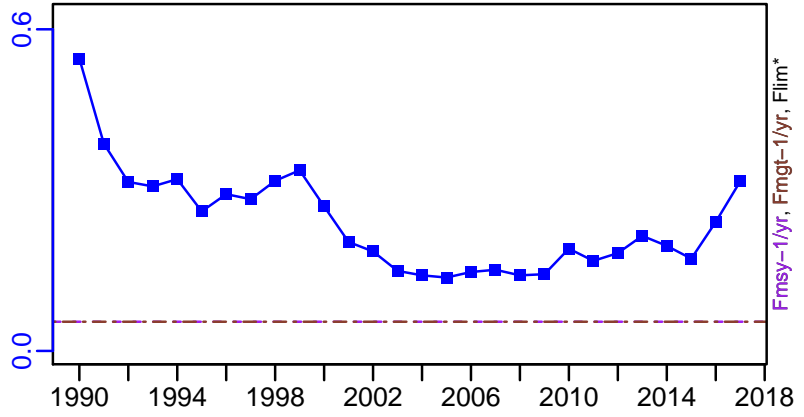
SSB-MT (1986-2017-ICESIMP2018)



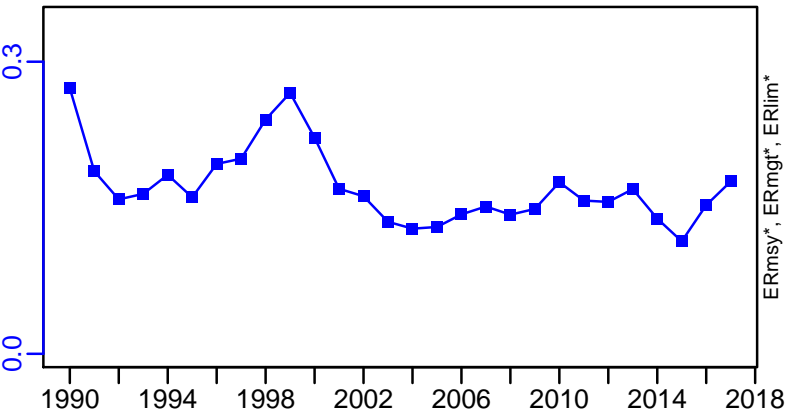
TN *



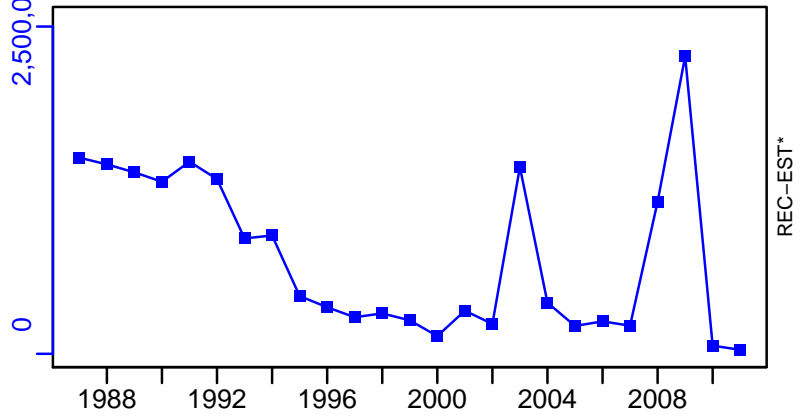
F-1/yr (1986-2017-ICESIMP2018)



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

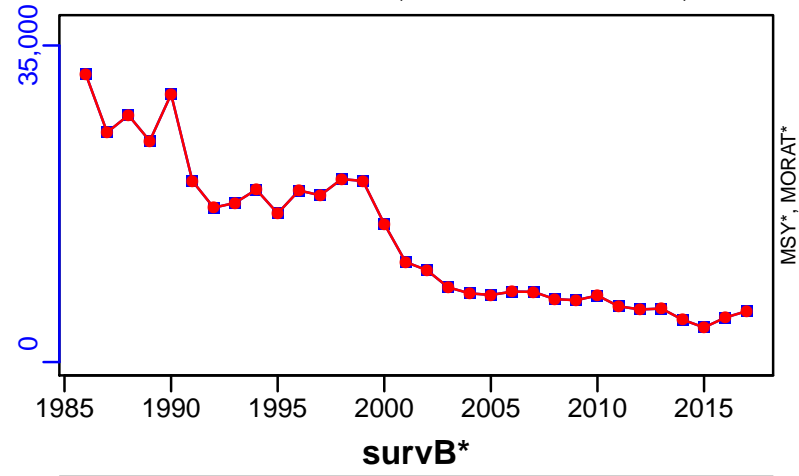


R-E00 (1986-2017-ICESIMP2018)

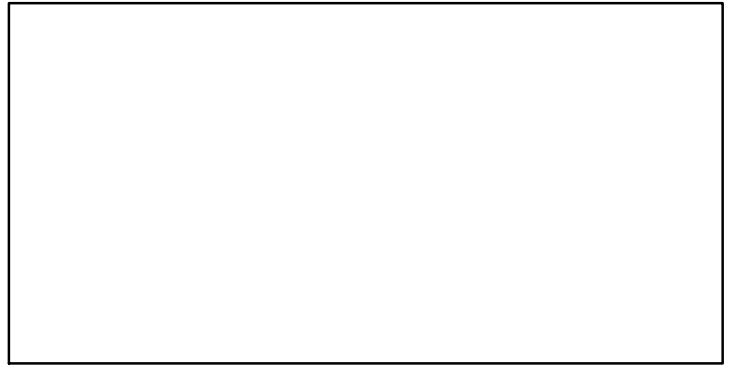


Golden Redfish Northeast Arctic [GOLDREDNEAR]

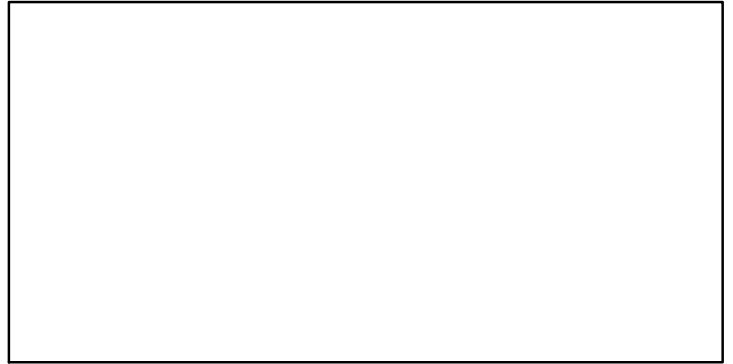
TC-MT, TL-MT, RecC* (1986-2017-ICESIMP2018)



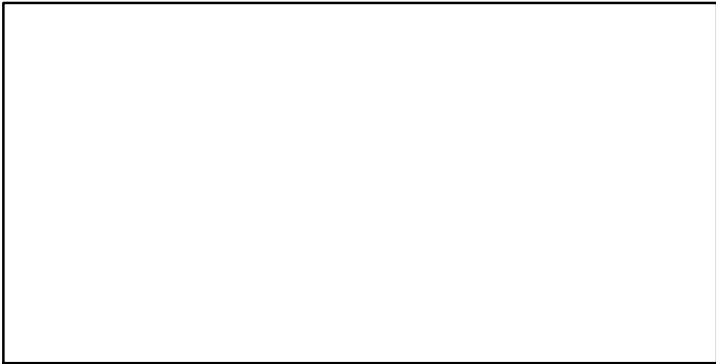
TAC*, Cpair*, Cadv*



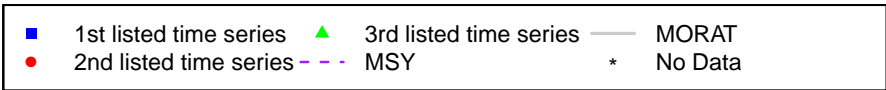
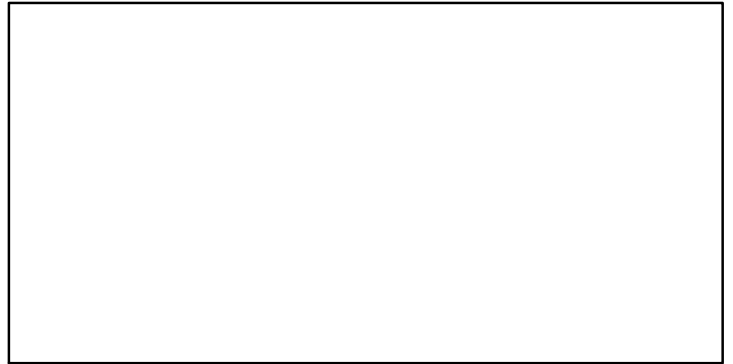
CPUE*



EFFORT*



CdivMSY*



Greater silver smelt Va and XIV [GSSMELTVa-XIV]

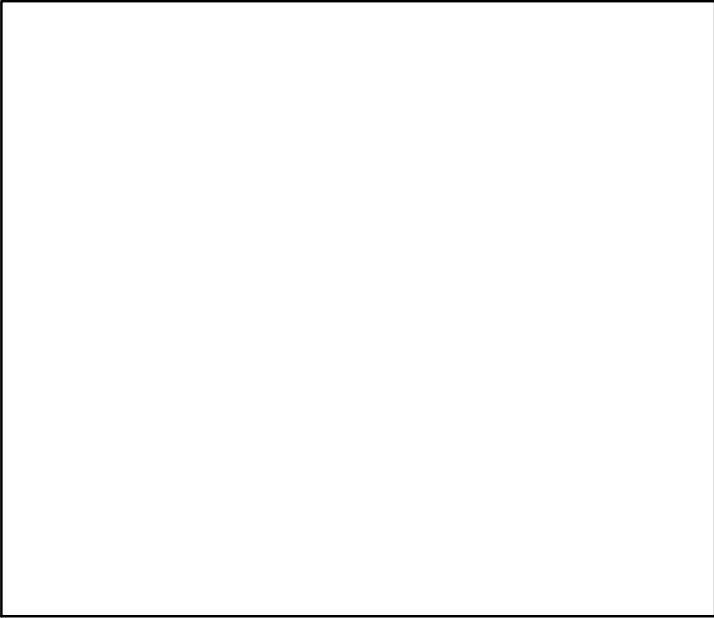
Metadata	
Scientific Name	Argentina silus
Current Assess ID	WGDEEP-GSSMELTVa-XIV-2000-2017-ICESIMP2018
Area	Va and XIV
Management Authority	International Council for the Exploration of the Sea
Assessor	Working Group on the Biology and Assessment of Deep-Sea Fisheries Resources
Asmts in RAM	2016, 2016, 2017

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

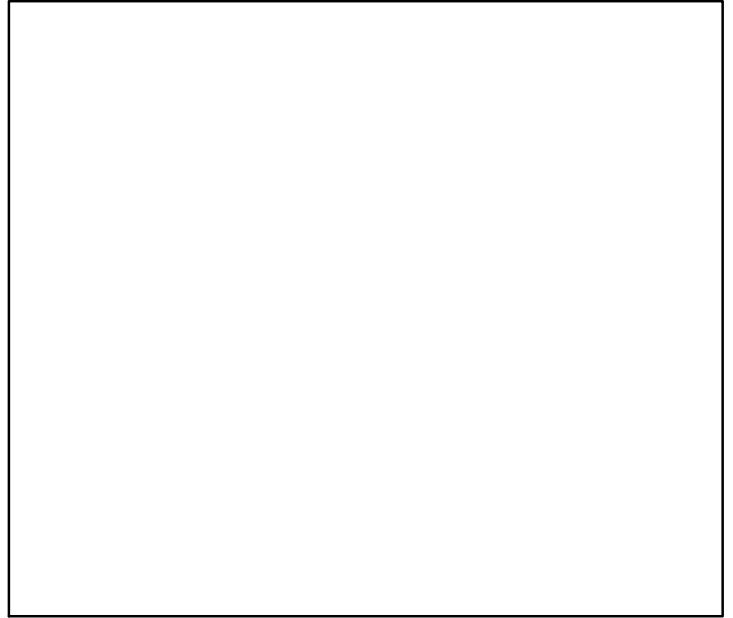
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	-	-	-	-	-
SSB	-	-	-	-	-
TN	-	-	-	-	-
R	-	-	-	-	-
F	F-1/yr	2016	0.075	-	-
ER	-	-	-	-	-
TC	TC-MT	2016	6060		
TL	TL-MT	2017	3950		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

Greater silver smelt Va and XIV [GSSMELTVa-XIV]

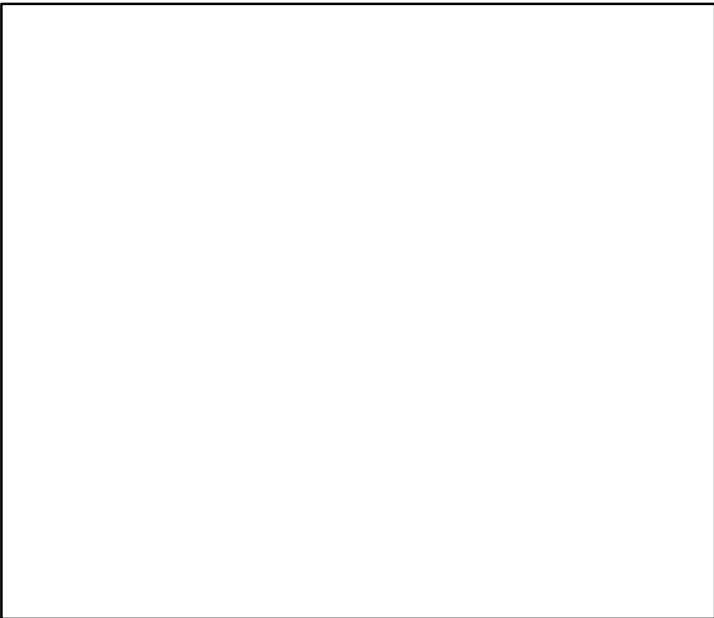
Kobe MSY*



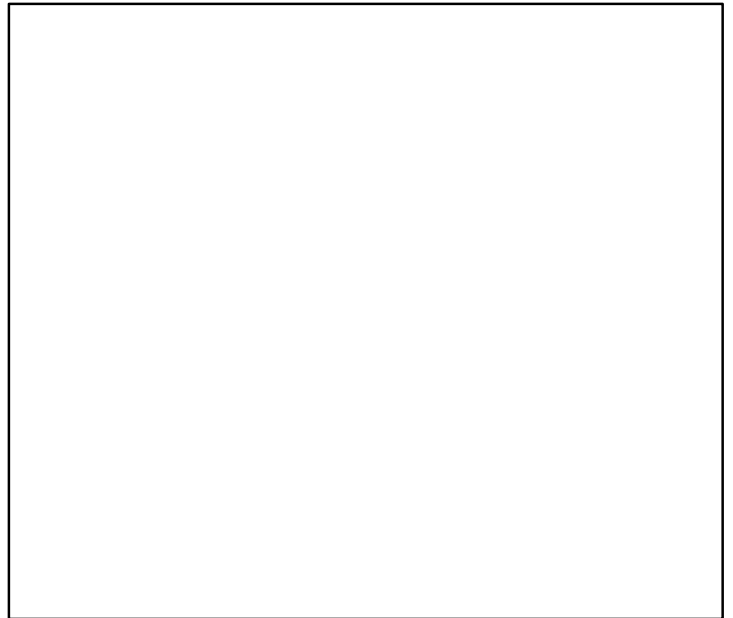
Kobe MGT*



Spawner Recruit*



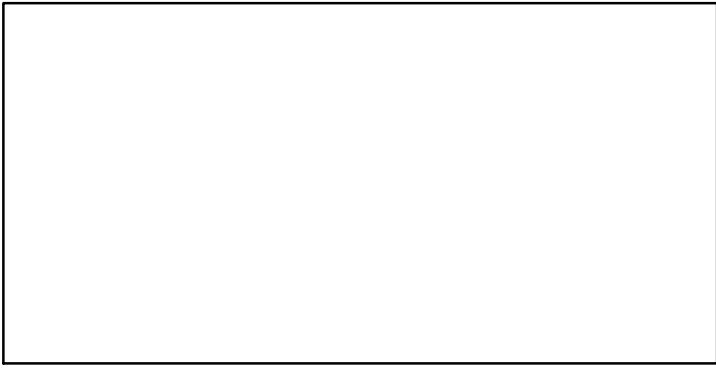
Production*



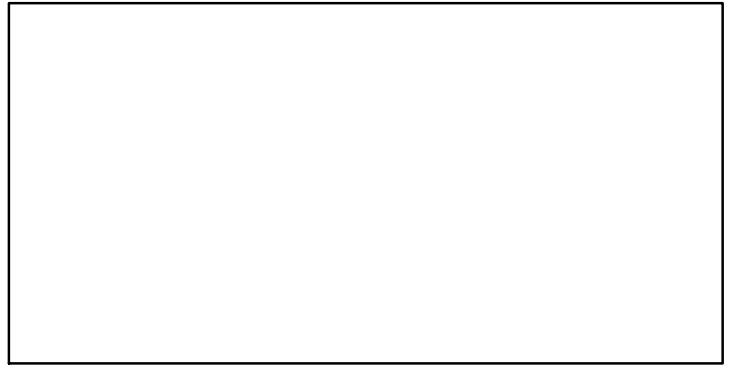
◆ Start Year ◆ End Year * No Data

Greater silver smelt Va and XIV [GSSMELTVa–XIV]

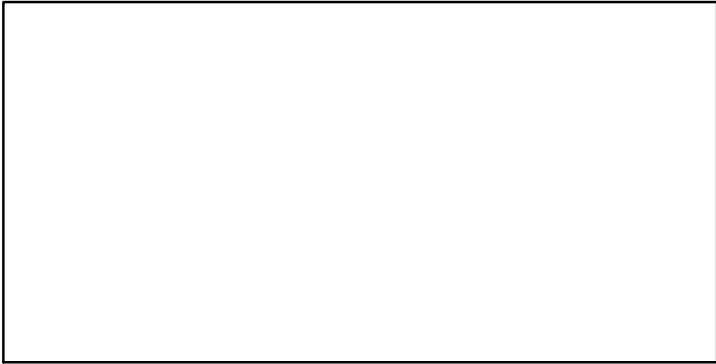
TB*



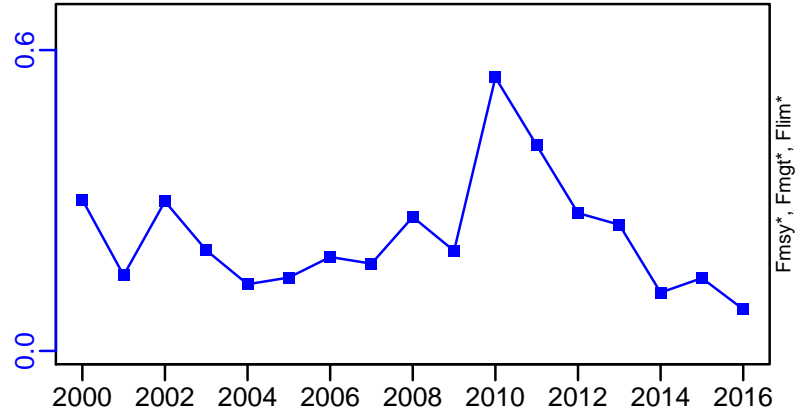
SSB*



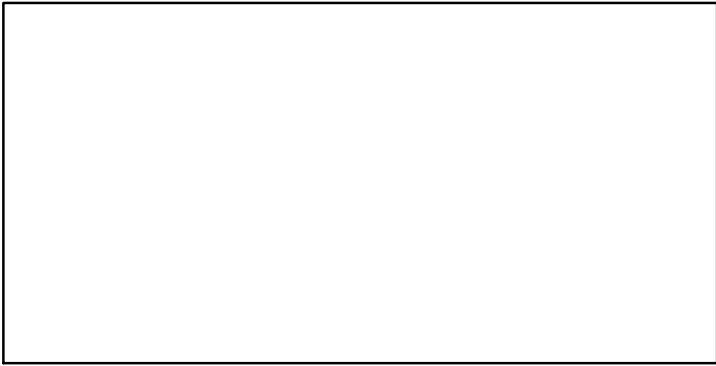
TN *



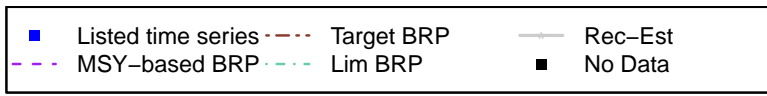
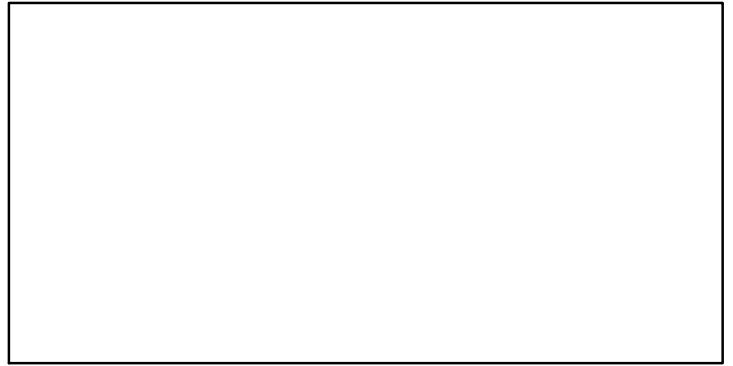
F-1/yr (2000–2016–ICESIMP2018)



ER*



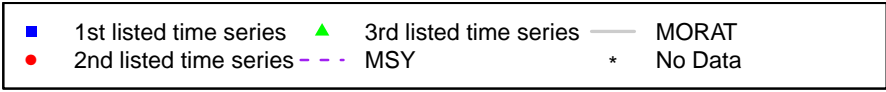
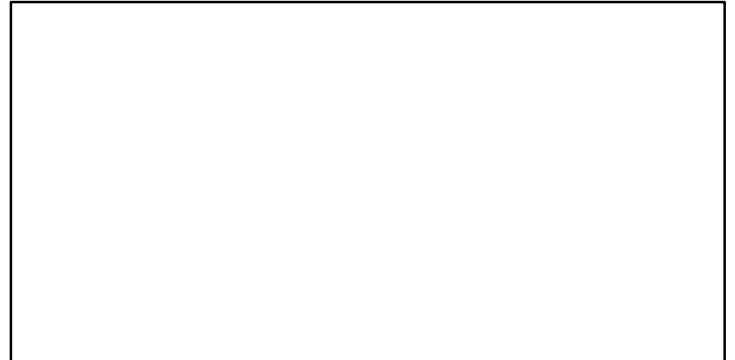
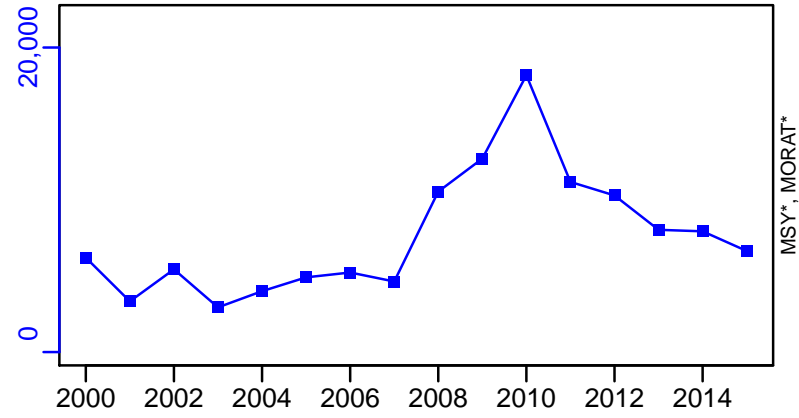
Recruits*



Greater silver smelt Va and XIV [GSSMELTVa-XIV]

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

TAC*, Cpair*, Cadv*



Greater silver smelt ICES Vb-VIa [GSSMELTVb-VIa]

Metadata	
Scientific Name	Argentina silus
Current Assess ID	WGDEEP-GSSMELTVb-VIa-1988-2016-ICESIMP2018
Area	ICES Vb-VIa
Management Authority	International Council for the Exploration of the Sea
Assessor	Working Group on the Biology and Assessment of Deep-Sea Fisheries Resources
Asmts in RAM	2014, 2016

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

Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	-	-	-	-	-
SSB	SSB-MT	2014	20	Both	-
TN	-	-	-	-	-
R	-	-	-	-	-
F	-	-	-	-	-
ER	-	-	-	-	-
TC	TC-MT	2016	18,000		
TL	TL-MT	2016	16,300		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

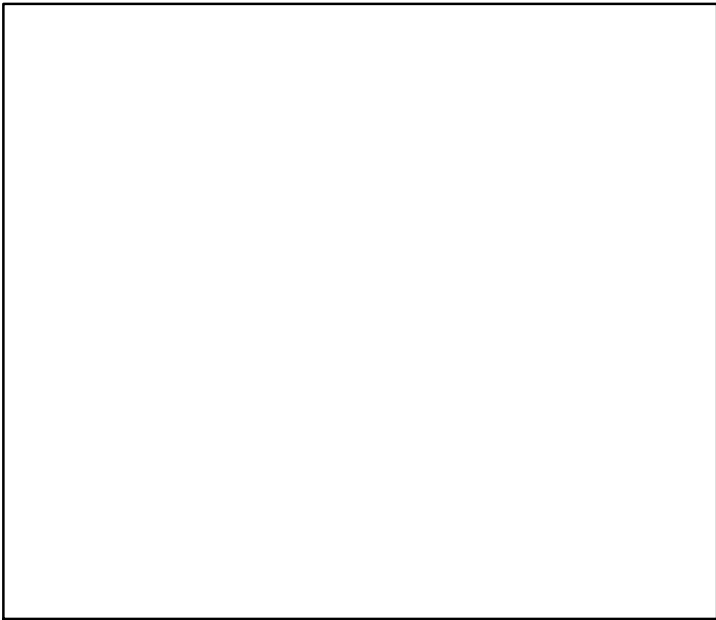
Kobe MSY*



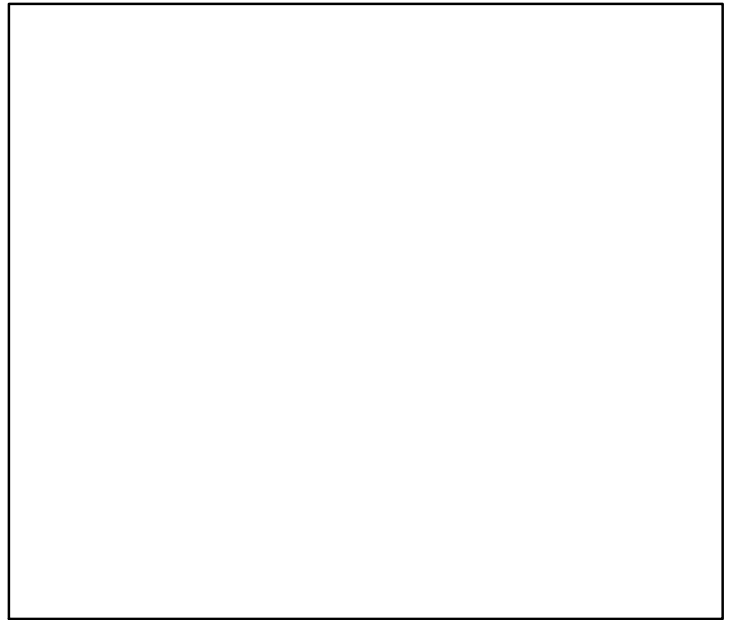
Kobe MGT*



Spawner Recruit*



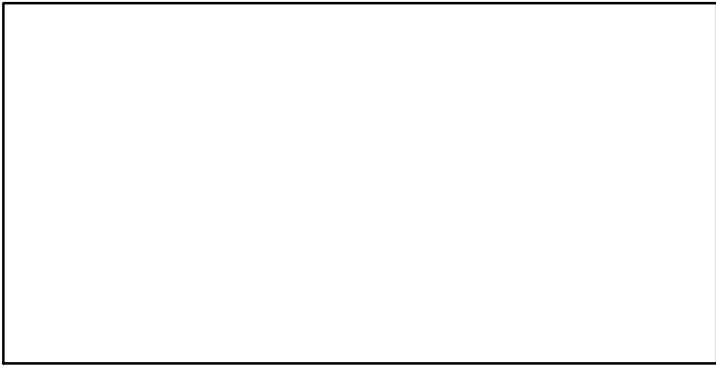
Production*



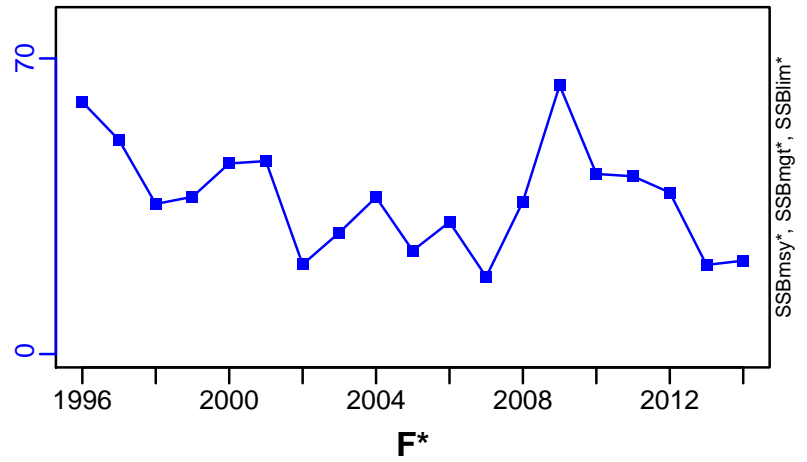
◆ Start Year ◆ End Year * No Data

Greater silver smelt ICES Vb-VIa [GSSMELTVb-VIa]

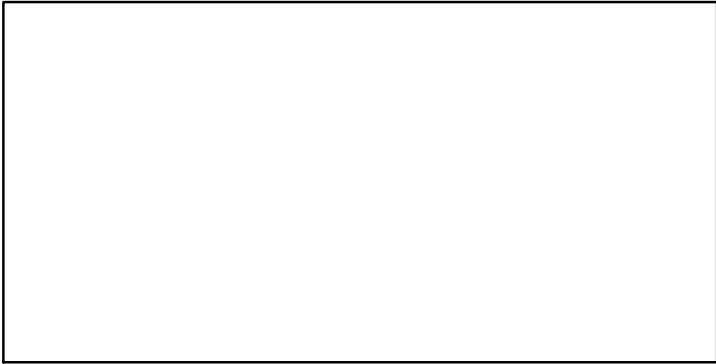
TB*



SSB-MT (1988-2014-ICESIMP2018)



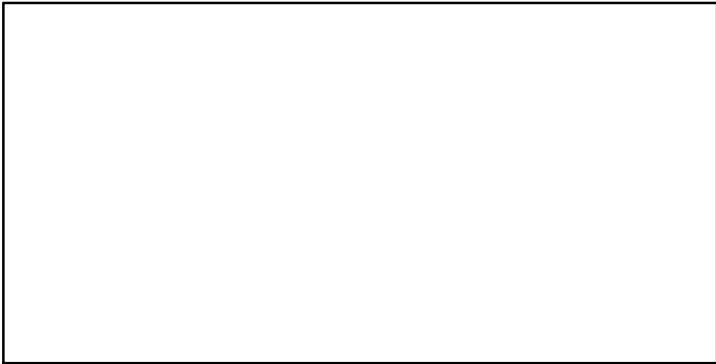
TN *



F*



ER*



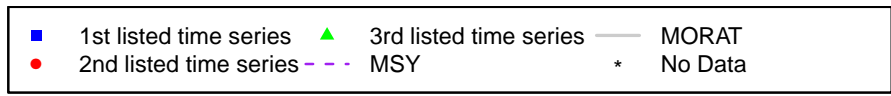
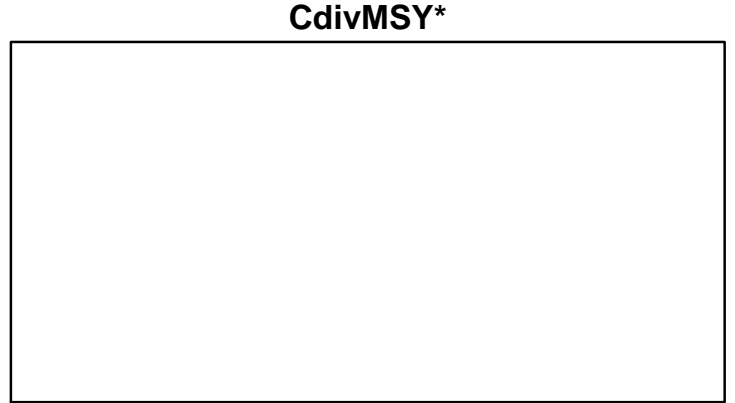
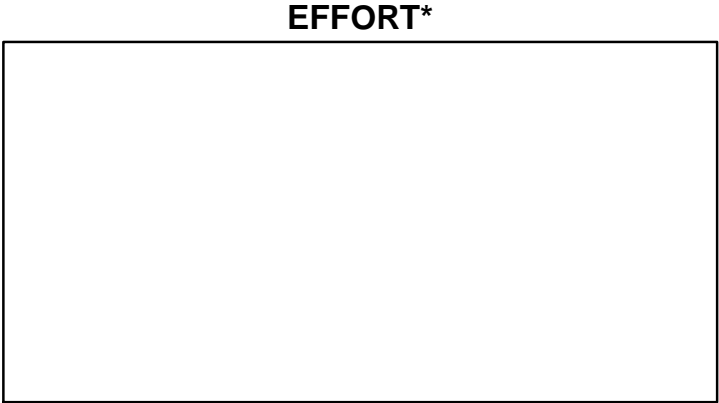
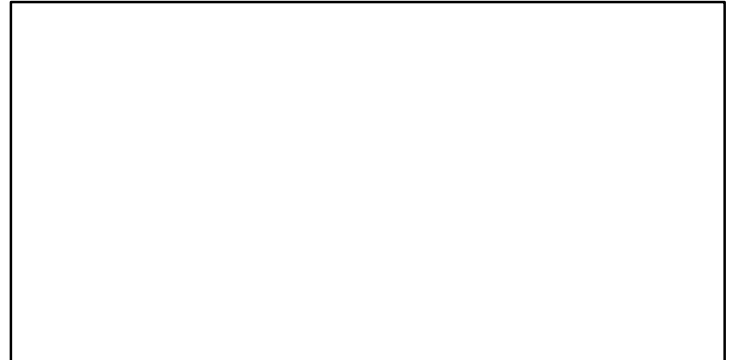
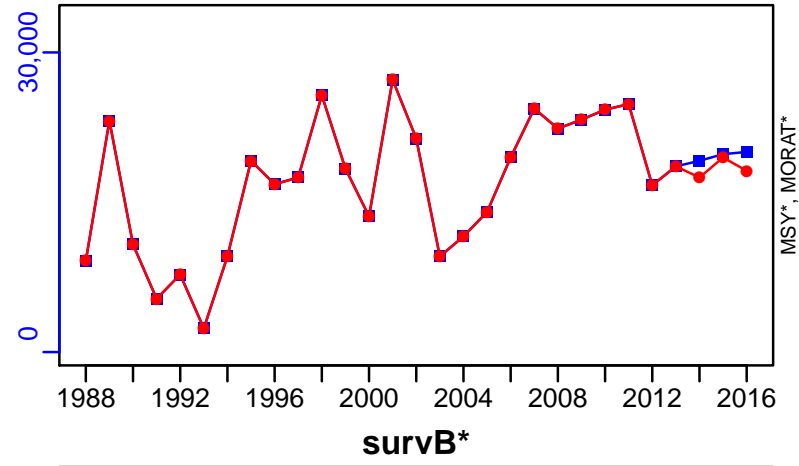
Recruits*



Greater silver smelt ICES Vb-VIa [GSSMELTVb-VIa]

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

TAC*, Cpair*, Cadv*



Haddock Faroe Plateau [HADFAPL]

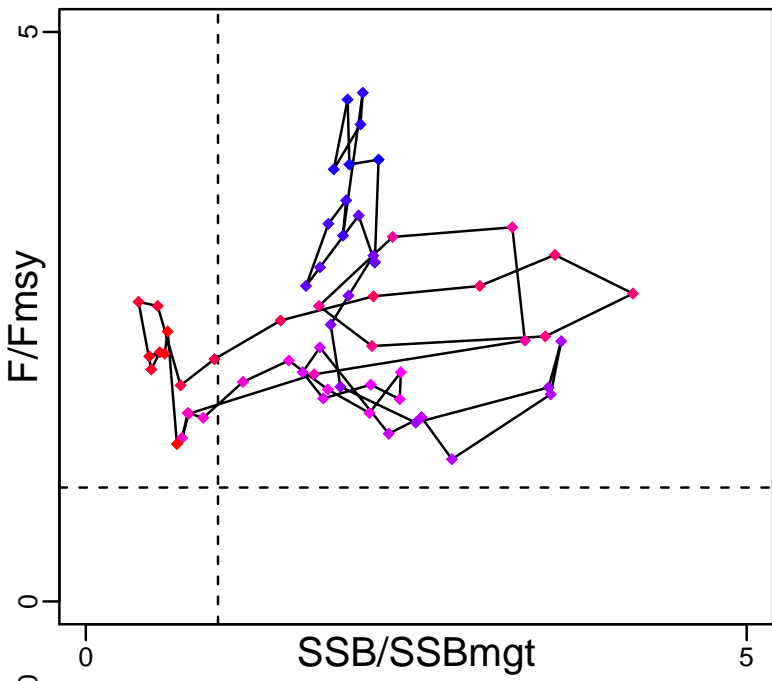
Metadata	
Scientific Name	Melanogrammus aeglefinus
Current Assess ID	NWWG-HADFAPL-1956-2018-ICESIMP2018
Area	Faroe Plateau
Management Authority	International Council for the Exploration of the Sea
Assessor	North-Western Working Group
Asmts in RAM	2012, 2013, 2014, 2015, 2016, 2017, 2018

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

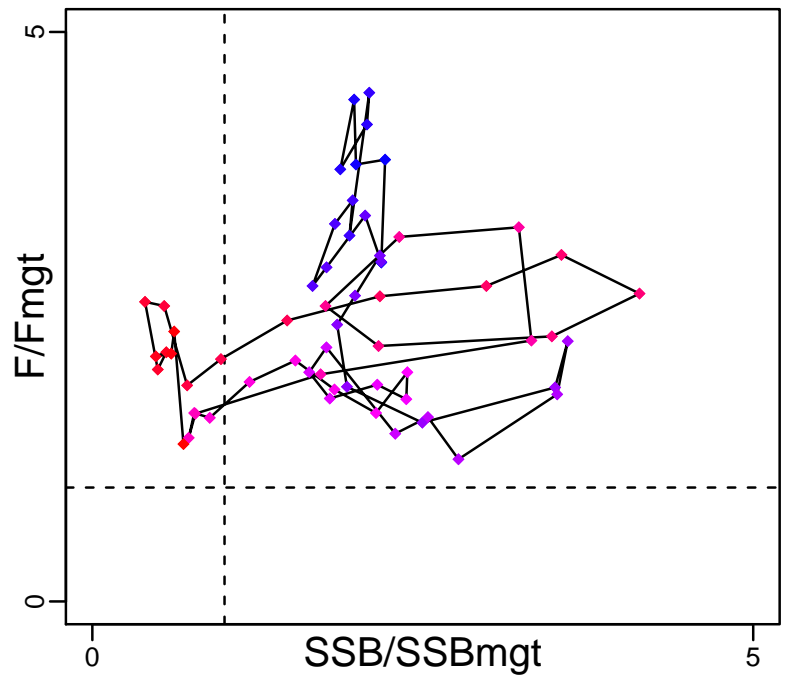
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	TB-MT	2018	87,500	Both	-
SSB	SSB-MT	2018	25,300	Both	-
TN	-	-	-	-	-
R	R-E00	2018	1.11×10^8	-	1
F	F-1/yr	2018	0.228	-	3 to 7
ER	ER-calc-ratio	2018	0.074	-	-
TC	TC-MT	2018	2850		
TL	TL-MT	2018	2850		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	F-1/yr/Fmsy-1/yr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

Haddock Faroe Plateau [HADFAPL]

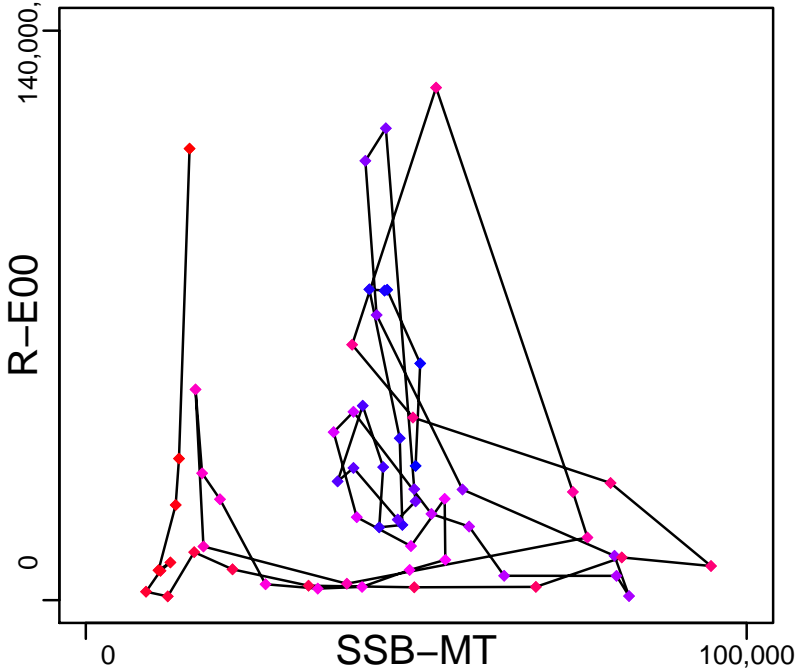
Kobe MSYpref (1956–2018–ICESIMP2018)



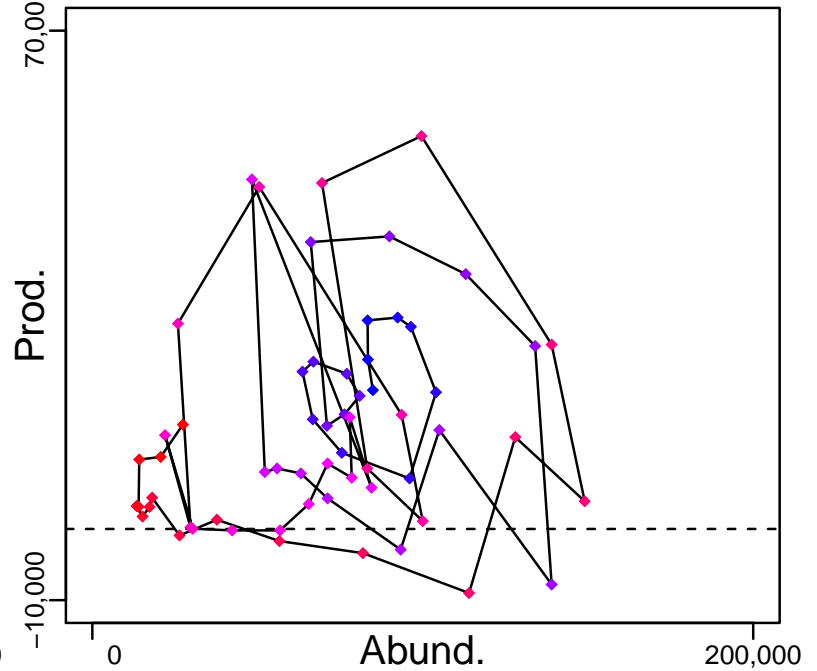
Kobe MGTpref (1956–2018–ICESIMP2018)



Spawner Recruit (1956–2018–ICESIMP2018)



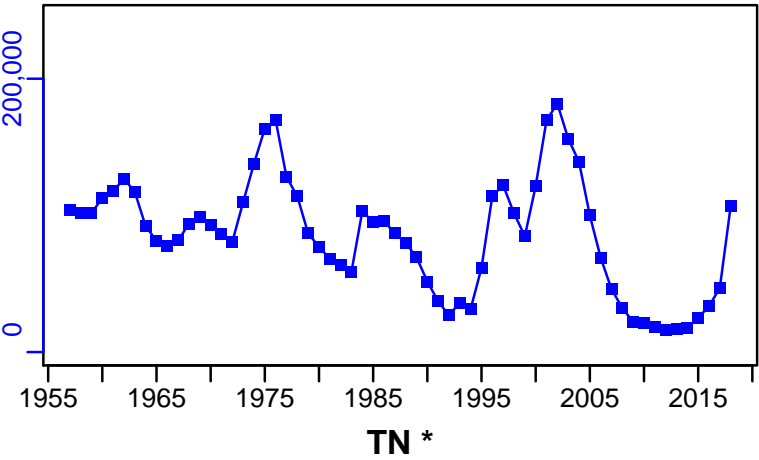
Production (1956–2018–ICESIMP2018)



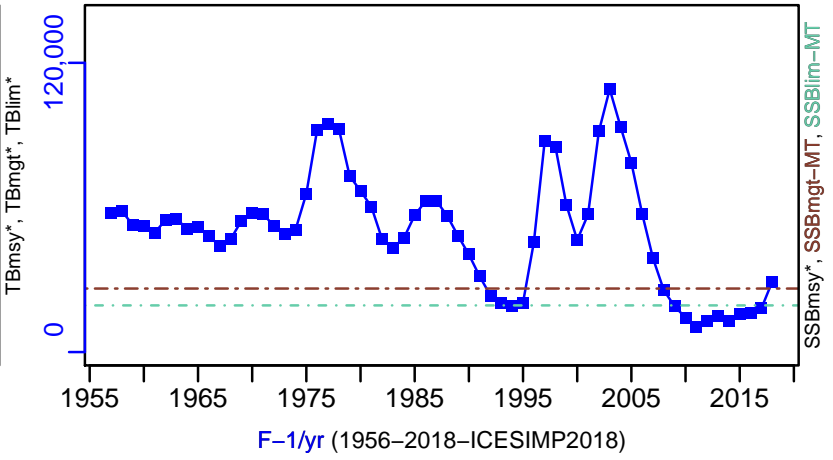
◆ Start Year ◆ End Year * No Data

Haddock Faroe Plateau [HADFAPL]

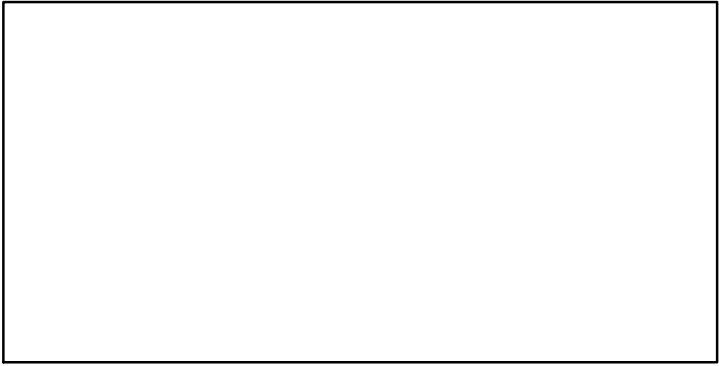
TB-MT (1956–2018–ICESIMP2018)



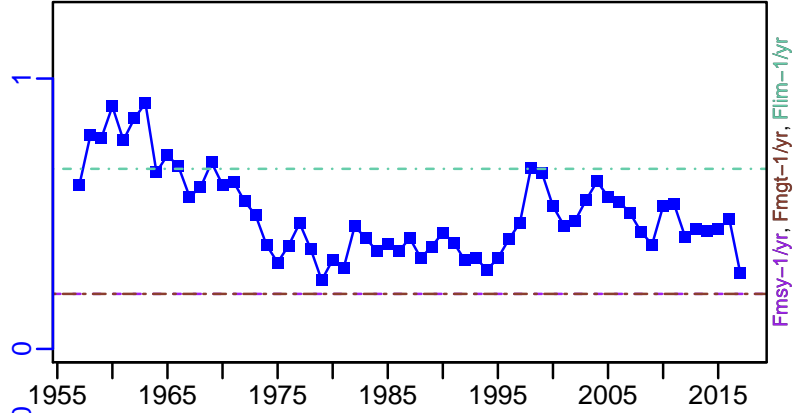
SSB-MT (1956–2018–ICESIMP2018)



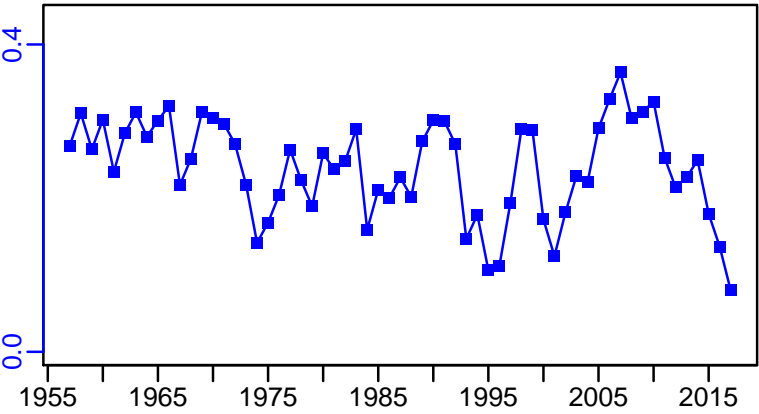
TN *



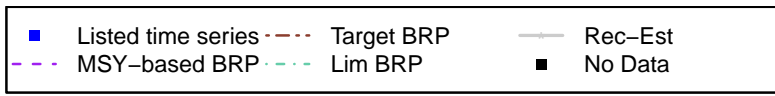
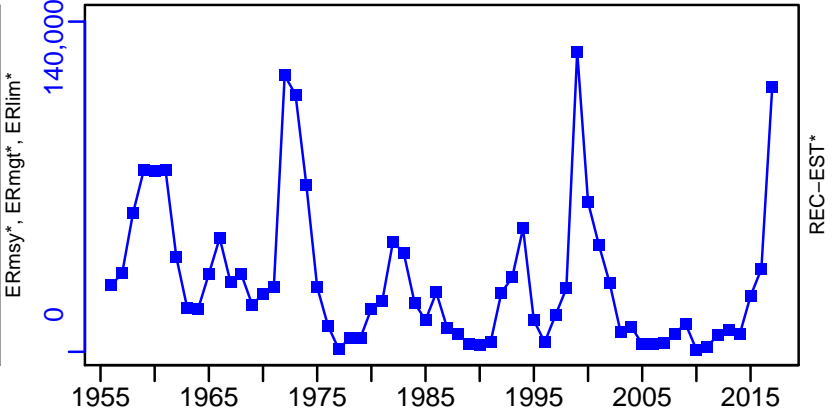
F-1/yr (1956–2018–ICESIMP2018)



ER-calc-ratio (1956–2018–ICESIMP2018)



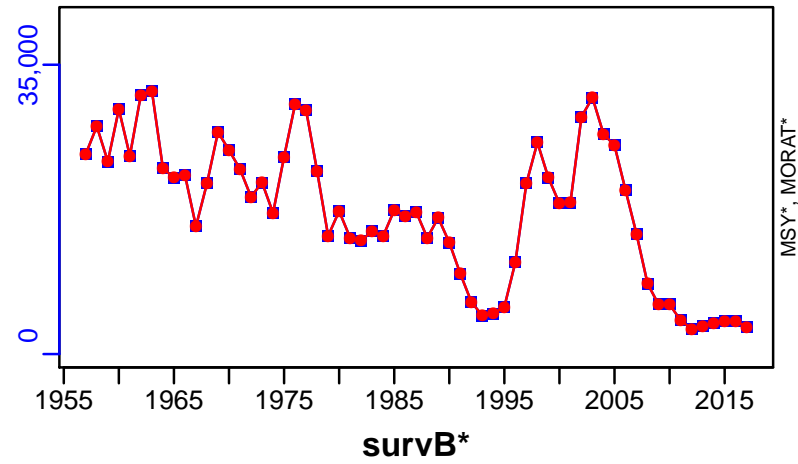
R-E00 (1956–2018–ICESIMP2018)



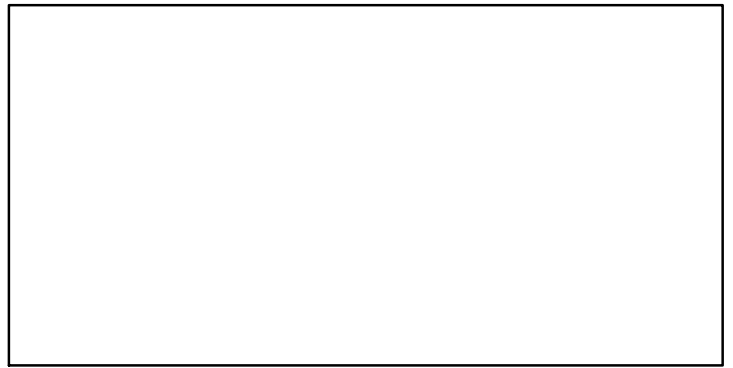
Haddock Faroe Plateau [HADFAPL]

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

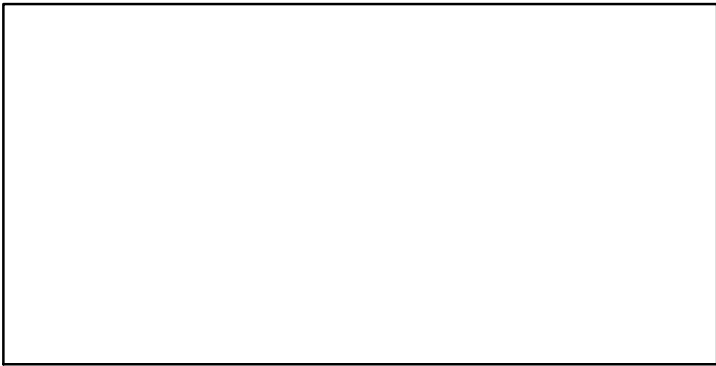
TAC*, Cpair*, Cadv*



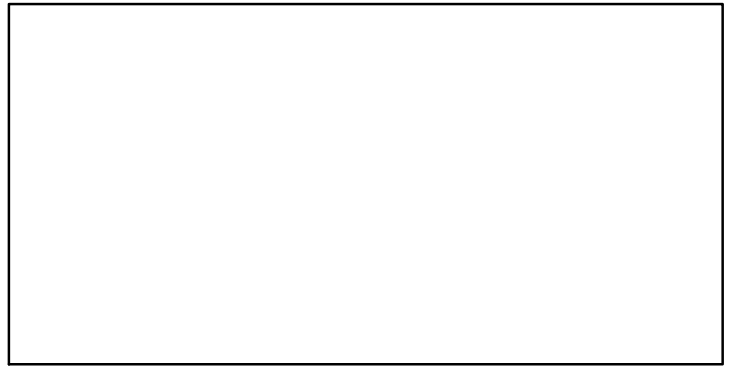
MSY*, MORAT*



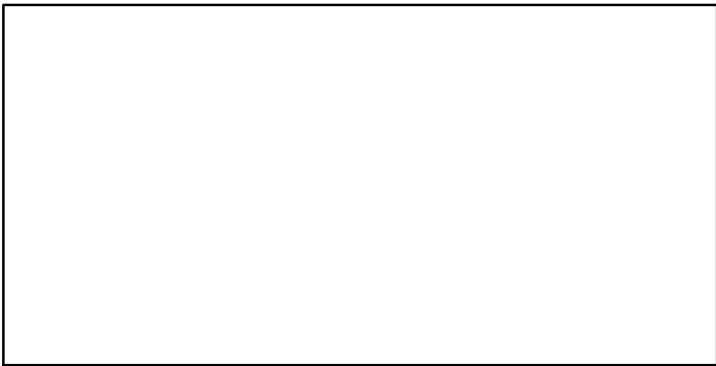
survB*



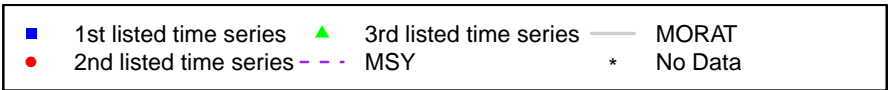
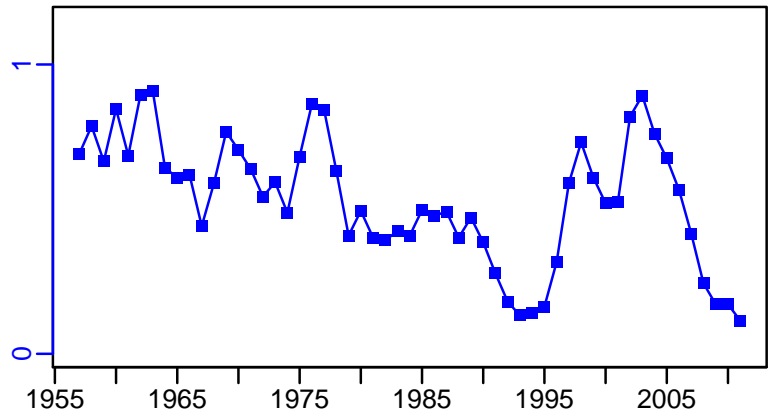
CPUE*



EFFORT*



CdivMSY-ratio (1955-2012-CHING)



Haddock Iceland [HADICE]

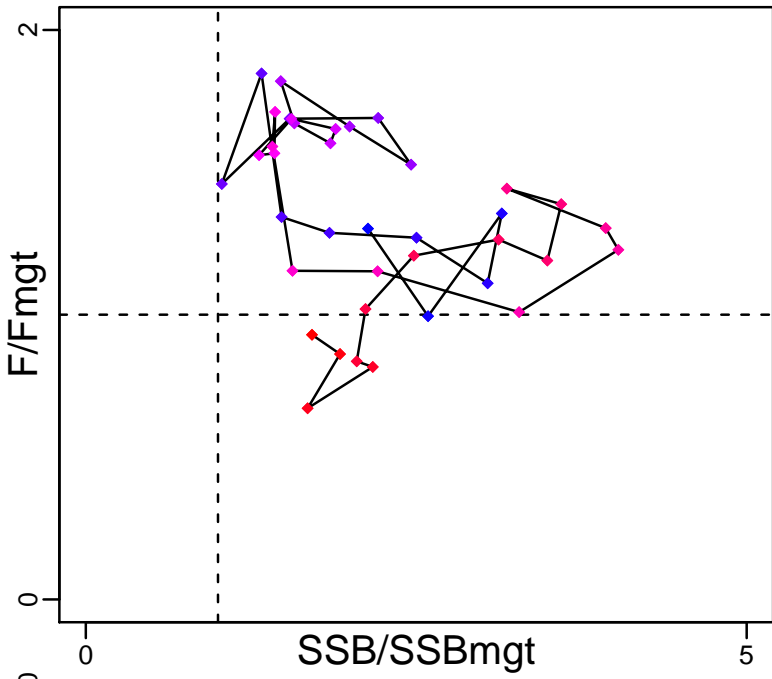
Metadata	
Scientific Name	Melanogrammus aeglefinus
Current Assess ID	NWWG-HADICE-1979-2018-ICESIMP2018
Area	Iceland Grounds
Management Authority	International Council for the Exploration of the Sea
Assessor	North-Western Working Group
Asmts in RAM	2012, 2013, 2014, 2015, 2016, 2017, 2018

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

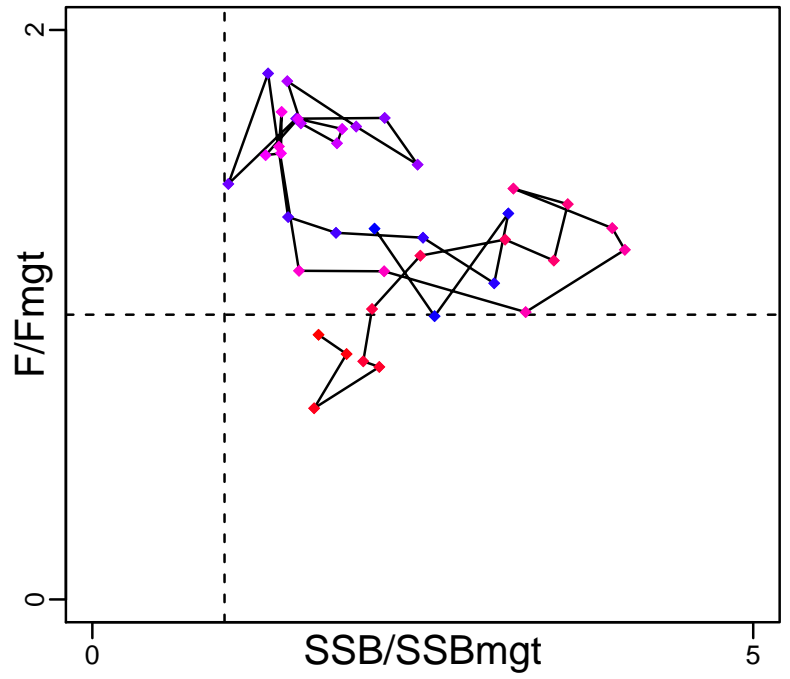
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	TB-MT	2018	158,000	Both	-
SSB	SSB-MT	2017	76,000	Both	-
TN	-	-	-	-	-
R	R-E00	2017	52,200,000	-	2
F	F-1/yr	2017	0.372	-	4 to 7
ER	ER-calc-ratio	2018	0.275	-	-
TC	TC-MT	2018	37,100		
TL	TL-MT	2018	37,100		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2017	1.689		
F/Fmgt	F-1/yr/Fmgt-1/yr	2017	0.929		
ER/ERmgt	-	-	-		

Haddock Iceland [HADICE]

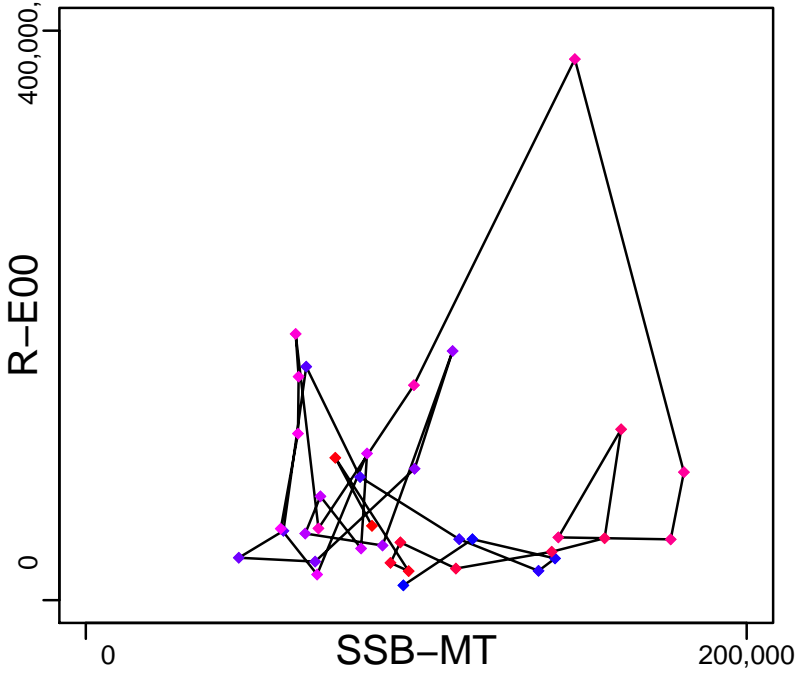
Kobe MSYpref (1977–2017–ICESIMP2018)



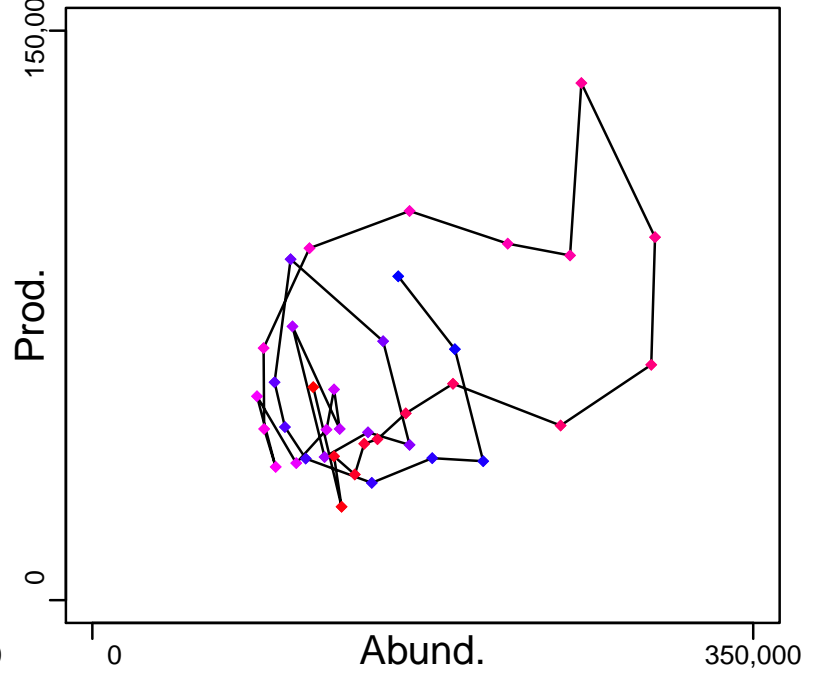
Kobe MGTpref (1977–2017–ICESIMP2018)



Spawner Recruit (1977–2017–ICESIMP2018)



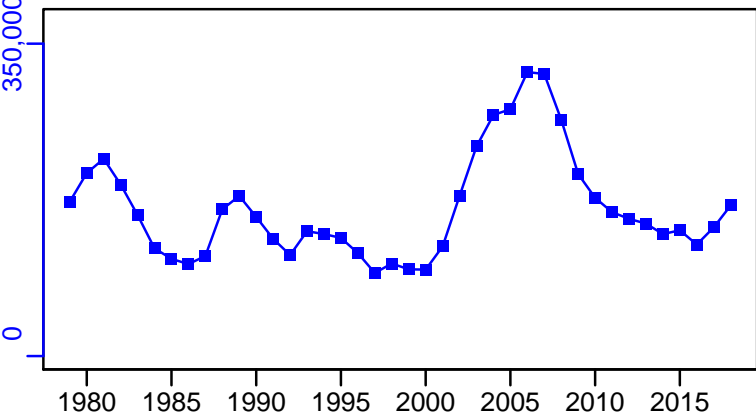
Production (1979–2018–ICESIMP2018)



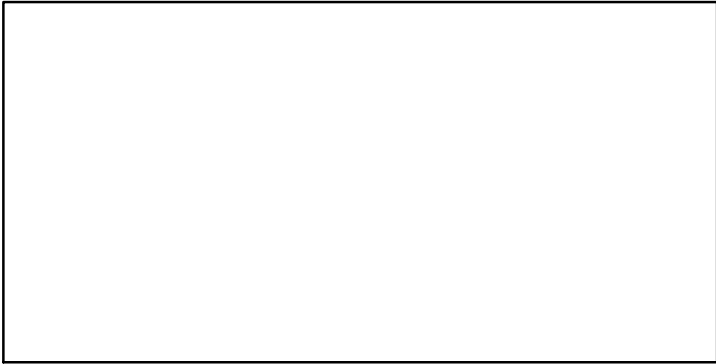
◆ Start Year ◆ End Year * No Data

Haddock Iceland [HADICE]

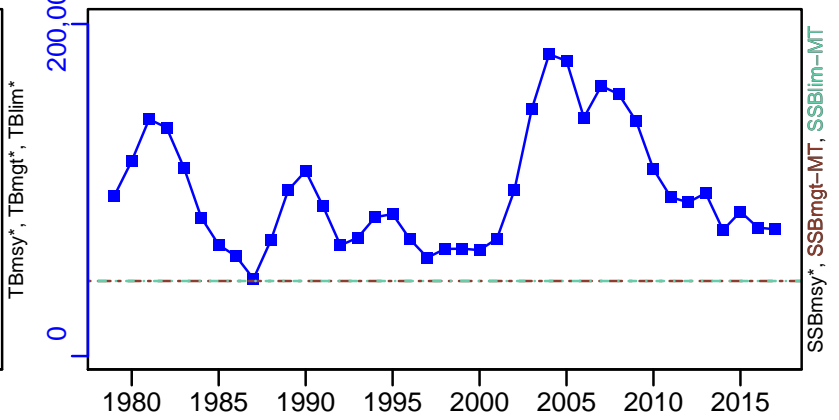
TB-MT (1979–2018–ICESIMP2018)



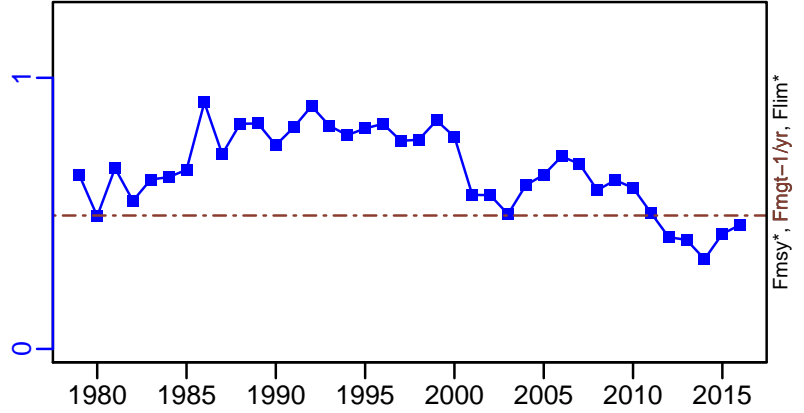
TN *



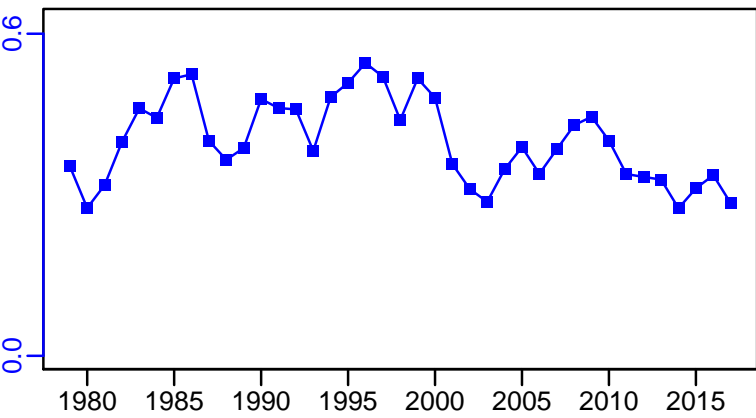
SSB-MT (1977–2017–ICESIMP2018)



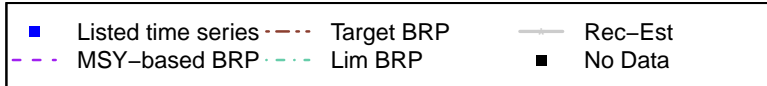
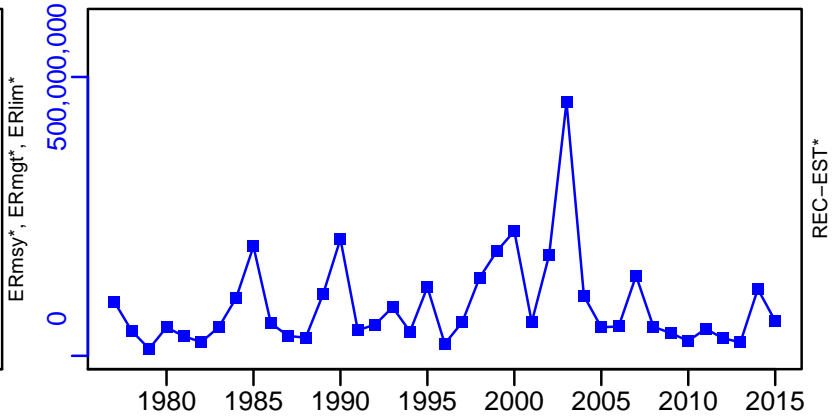
F-1/yr (1977–2017–ICESIMP2018)



ER-calc-ratio (1979–2018–ICESIMP2018)



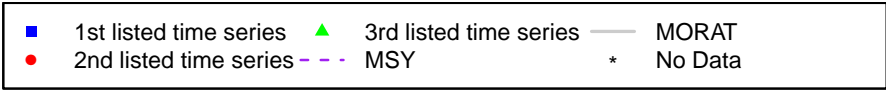
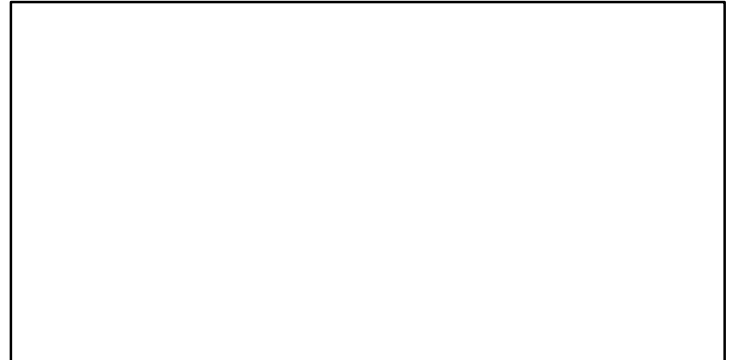
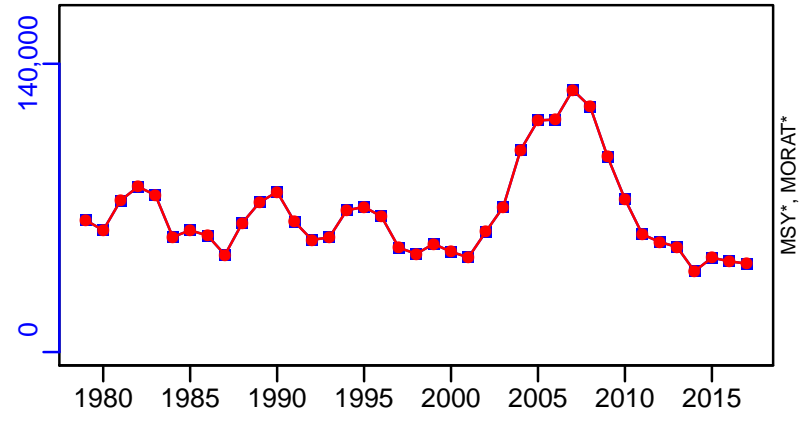
R-E00 (1977–2017–ICESIMP2018)



Haddock Iceland [HADICE]

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

TAC*, Cpair*, Cadv*



Haddock Northeast Arctic [HADNEAR]

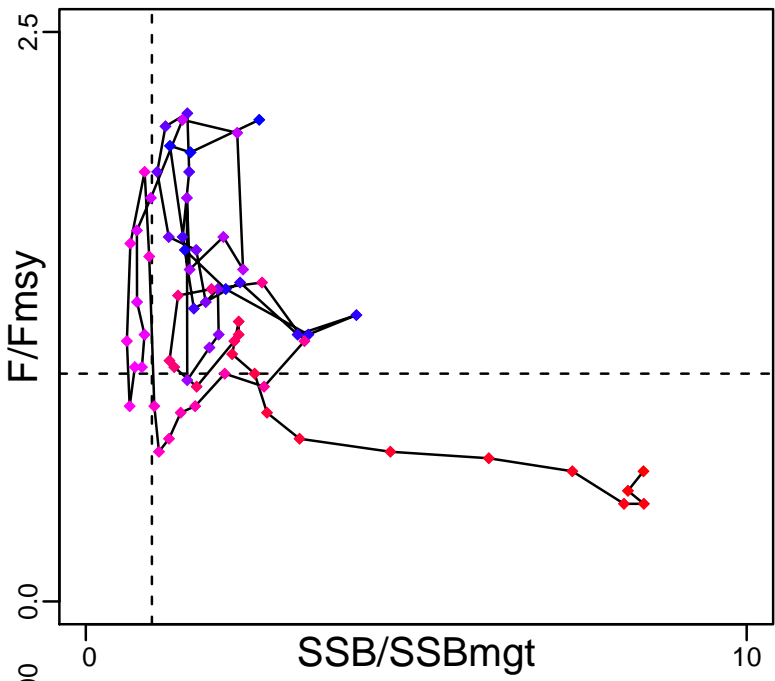
Metadata	
Scientific Name	Melanogrammus aeglefinus
Current Assess ID	AFWG-HADNEAR-1947-2017-ICESIMP2018
Area	North-East Arctic
Management Authority	International Council for the Exploration of the Sea
Assessor	Arctic Fisheries Working Group
Asmts in RAM	2012, 2013, 2014, 2015, 2016, 2017

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

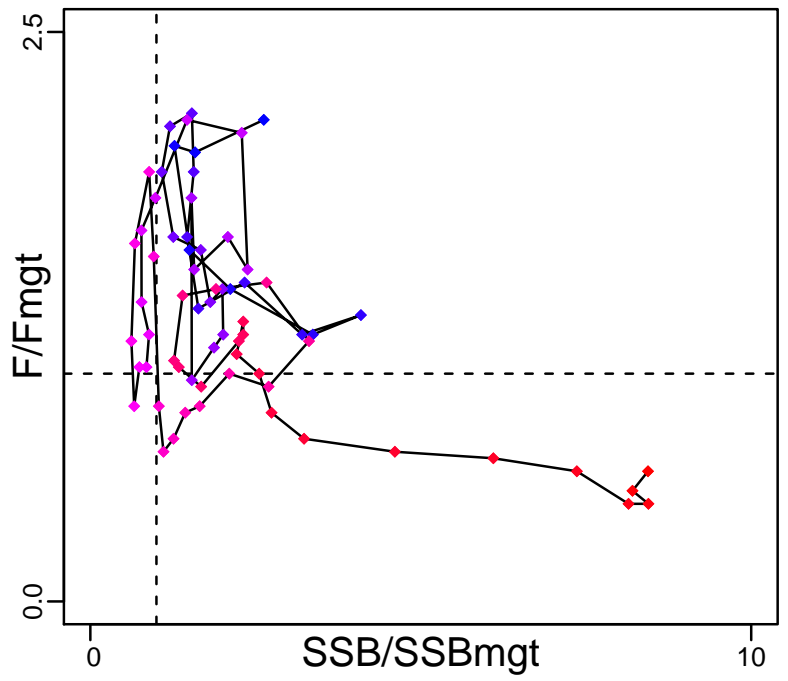
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	TB-MT	2017	743,000	Both	-
SSB	SSB-MT	2017	538,000	Both	-
TN	-	-	-	-	-
R	R-E00	2017	1.89×10^8	-	3
F	F-1/yr	2017	0.2	-	4 to 7
ER	ER-calc-ratio	2017	0.256	-	-
TC	TC-MT	2017	233,000		
TL	TL-MT	2017	233,000		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	F-1/yr/Fmsy-1/yr	2017	0.571		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2017	6.723		
F/Fmgt	F-1/yr/Fmgt-1/yr	2017	0.571		
ER/ERmgt	-	-	-		

Haddock Northeast Arctic [HADNEAR]

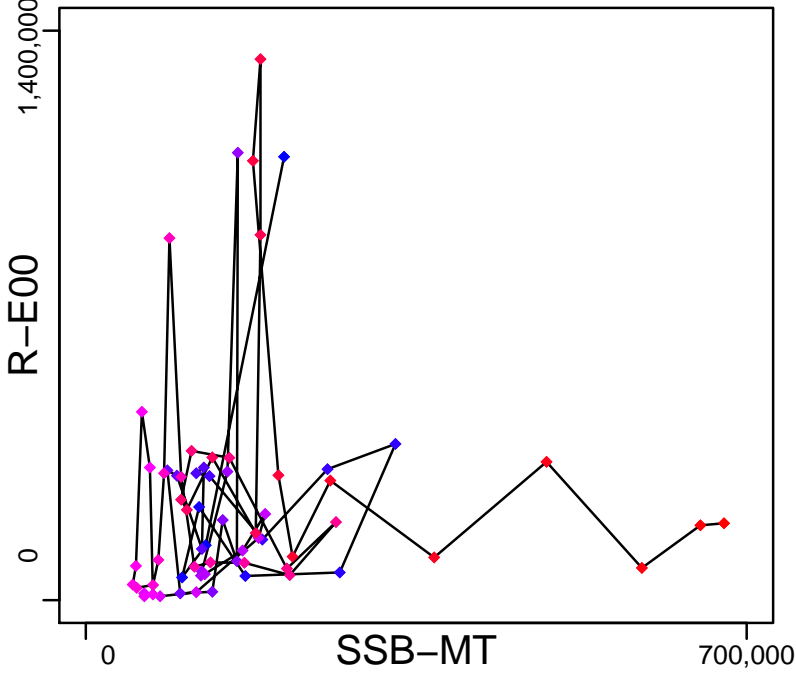
Kobe MSYpref (1947–2017–ICESIMP2018)



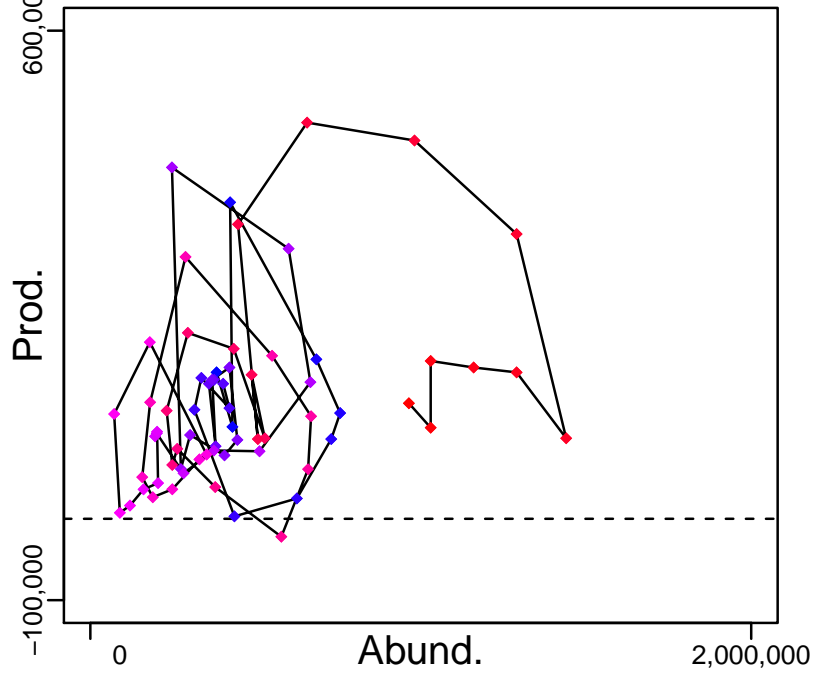
Kobe MGTpref (1947–2017–ICESIMP2018)



Spawner Recruit (1947–2017–ICESIMP2018)



Production (1947–2017–ICESIMP2018)

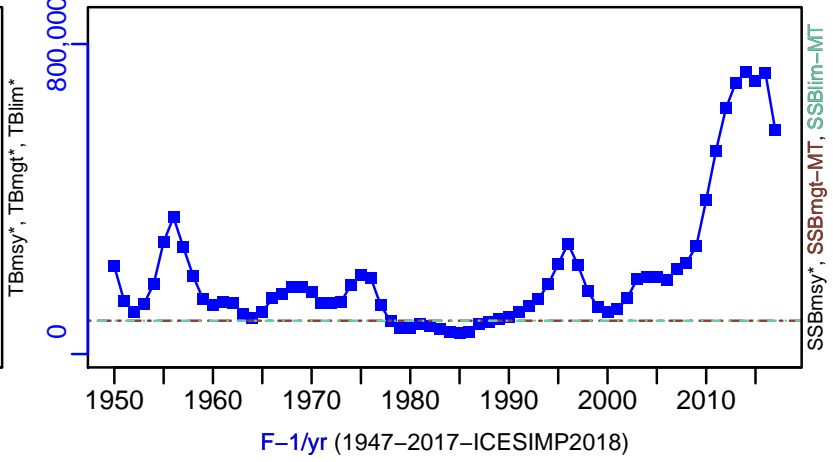
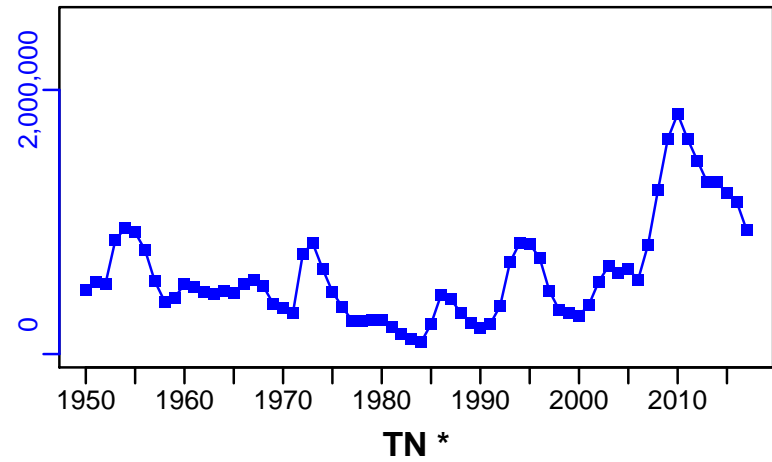


◆ Start Year ◆ End Year * No Data

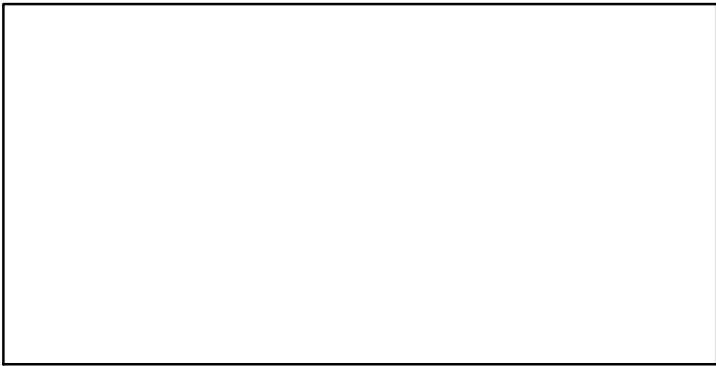
Haddock Northeast Arctic [HADNEAR]

TB-MT (1947-2017-ICESIMP2018)

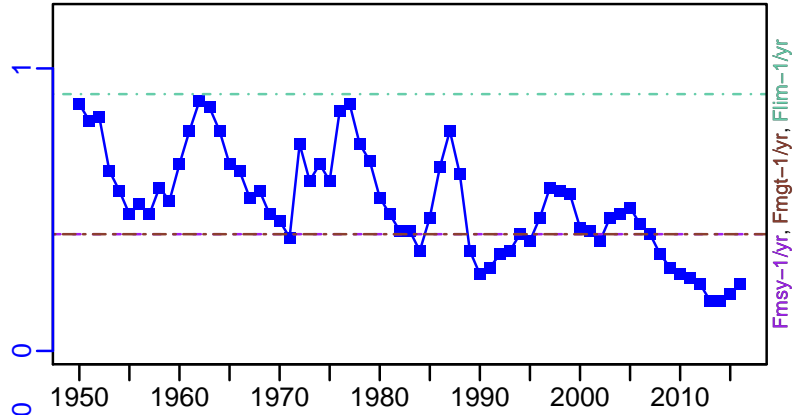
SSB-MT (1947-2017-ICESIMP2018)



TN *

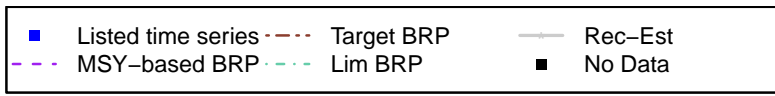
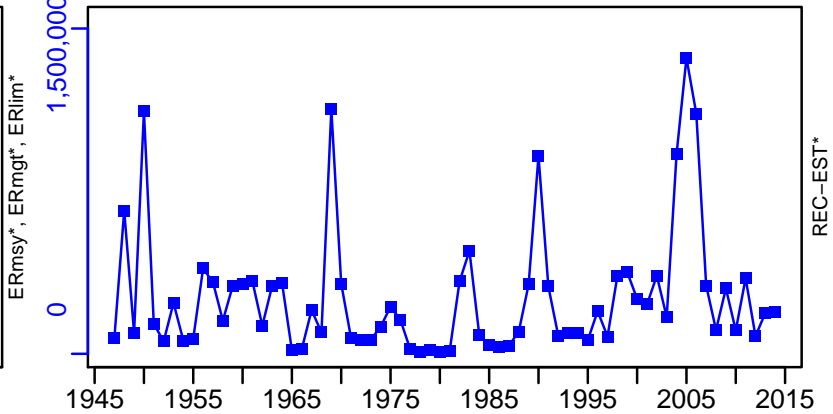
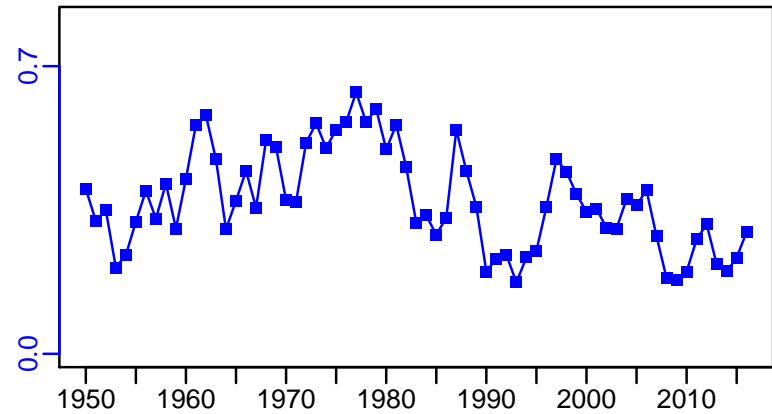


F-1/yr (1947-2017-ICESIMP2018)



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

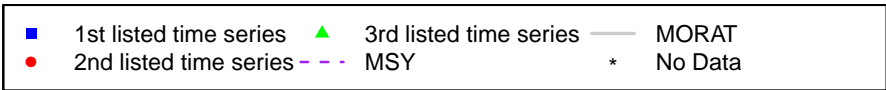
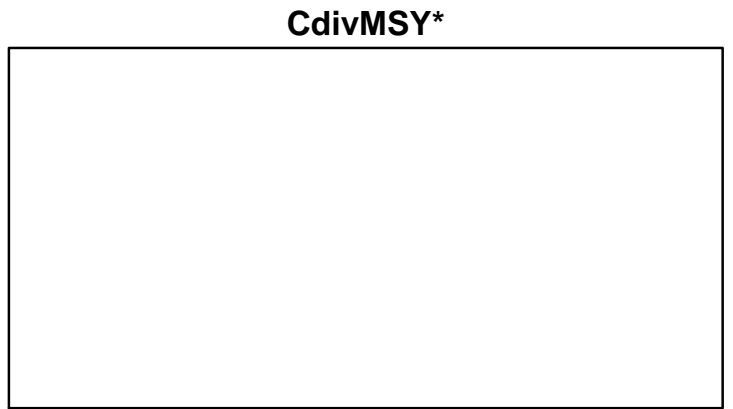
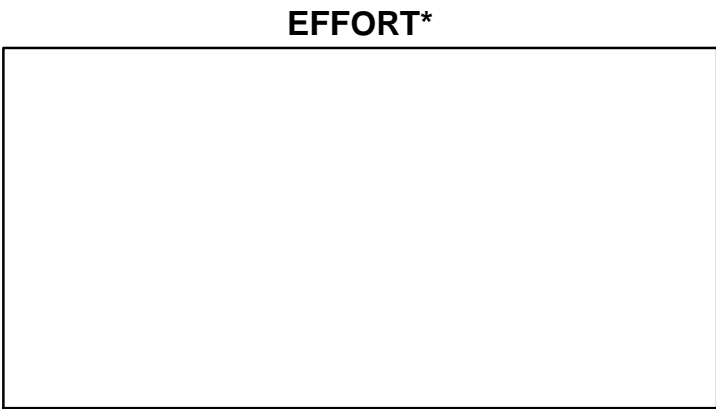
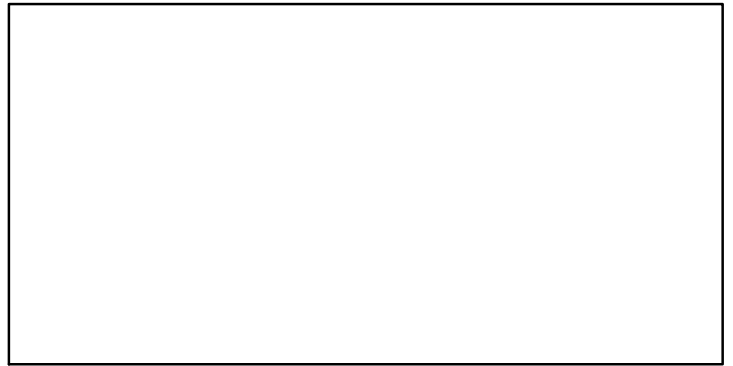
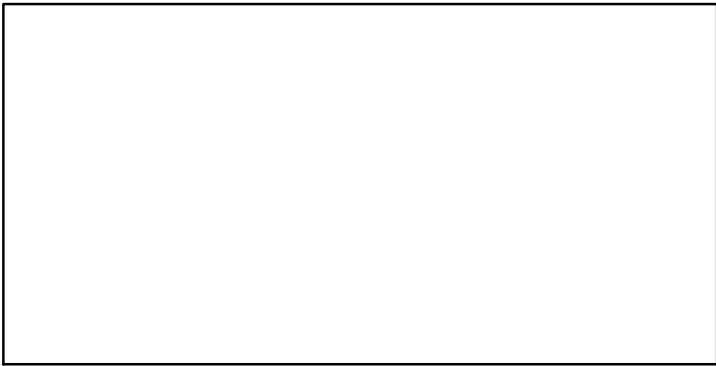
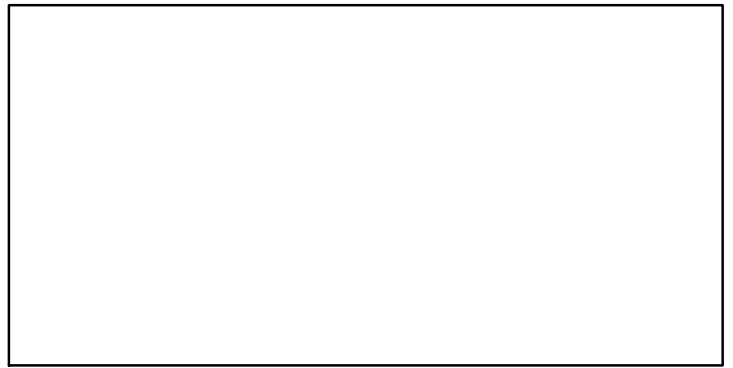
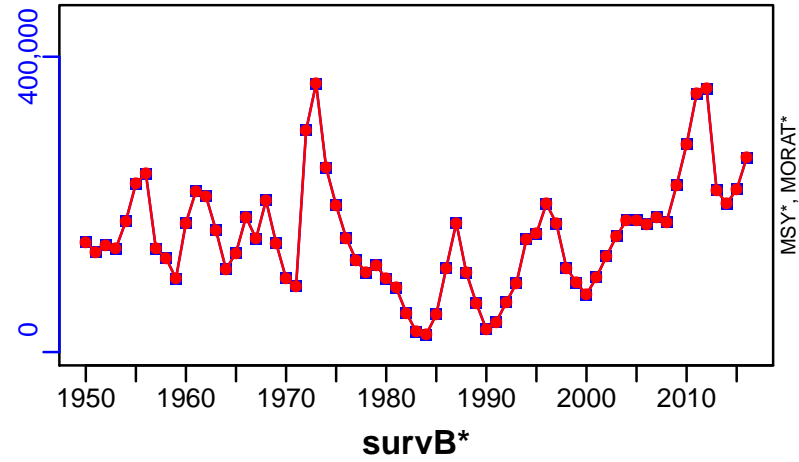
R-E00 (1947-2017-ICESIMP2018)



Haddock Northeast Arctic [HADNEAR]

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

TAC*, Cpair*, Cadv*



Herring Iceland (Summer spawners) [HERRIsum]

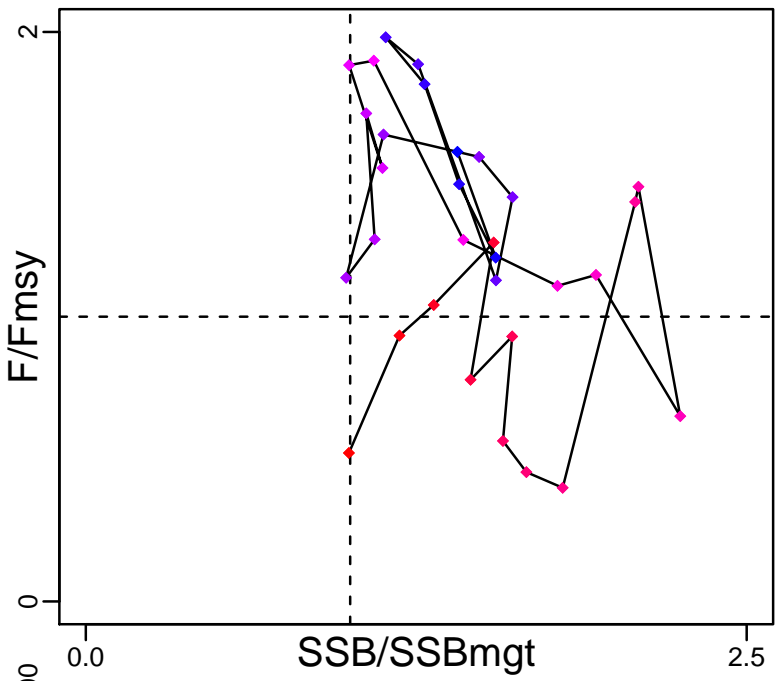
Metadata	
Scientific Name	Clupea harengus
Current Assess ID	NWWG-HERRIsum-1984-2018-ICESIMP2018
Area	Iceland Grounds
Management Authority	International Council for the Exploration of the Sea
Assessor	North-Western Working Group
Asmts in RAM	2011, 2013, 2014, 2016, 2017, 2018, 2015

Reference Points			
Type	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	-	-	-
Fmsy	Fmsy-1/yr	2018	0.22
ERmsy	-	-	-
TBmgt	-	-	-
SSBmgt	SSBmgt-MT	2018	273,000
Fmgt	Fmgt-1/yr	2018	0.22
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	-	-	-
M	M-1/yr	2011	0.1
TBlim	TBlim-MT	2011	2×10^5
SSBlim	SSBlim-MT	2018	2×10^5
Flim	Flim-1/yr	2018	0.61
ERlim	-	-	-

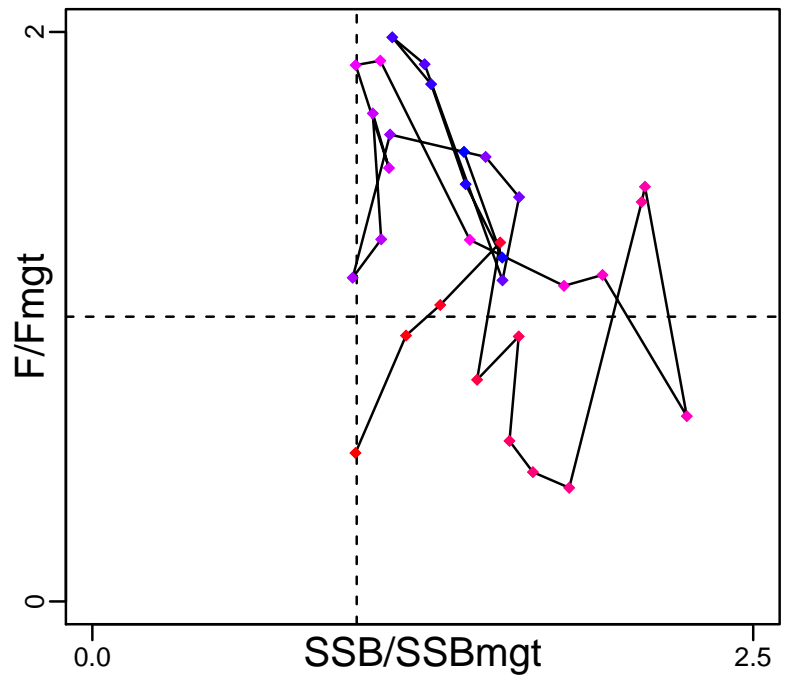
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	TB-MT	2015	438,000	Both	3+
SSB	SSB-MT	2018	222,000	Both	-
TN	-	-	-	-	-
R	R-E00	2018	4.96×10^8	-	3
F	F-1/yr	2018	0.115	-	-
ER	ER-calc-ratio	2015	0.206	-	-
TC	TC-MT	2018	35,000		
TL	TL-MT	2018	35,000		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	F-1/yr/Fmsy-1/yr	2018	0.521		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2018	0.812		
F/Fmgt	F-1/yr/Fmgt-1/yr	2018	0.521		
ER/ERmgt	-	-	-		

Herring Iceland (Summer spawners) [HERRIsum]

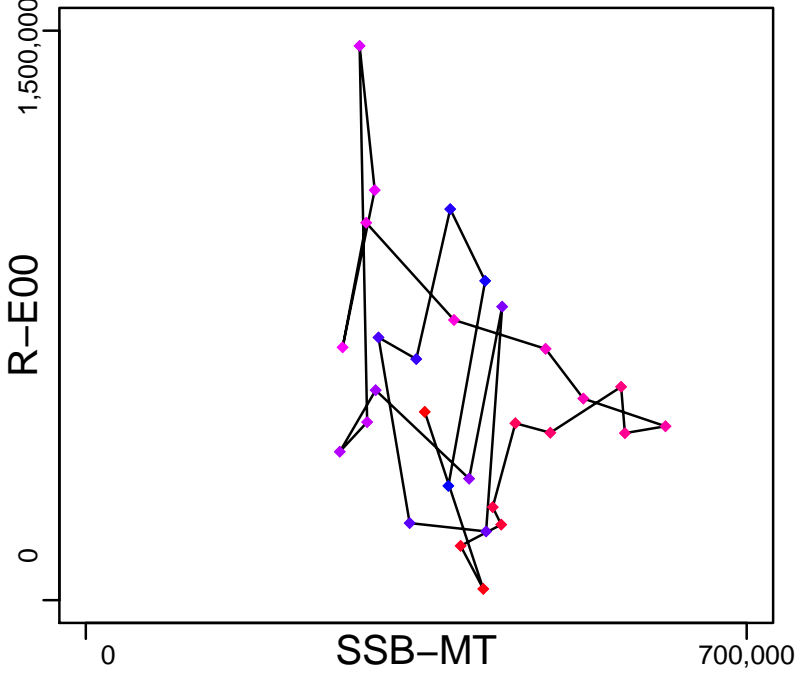
Kobe MSYpref (1984–2018–ICESIMP2018)



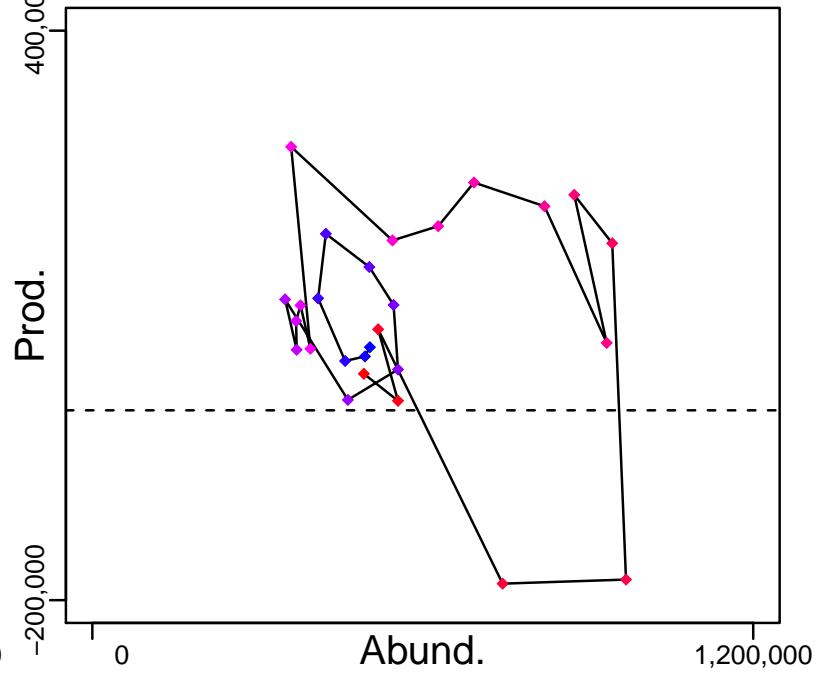
Kobe MGTpref (1984–2018–ICESIMP2018)



Spawner Recruit (1984–2018–ICESIMP2018)



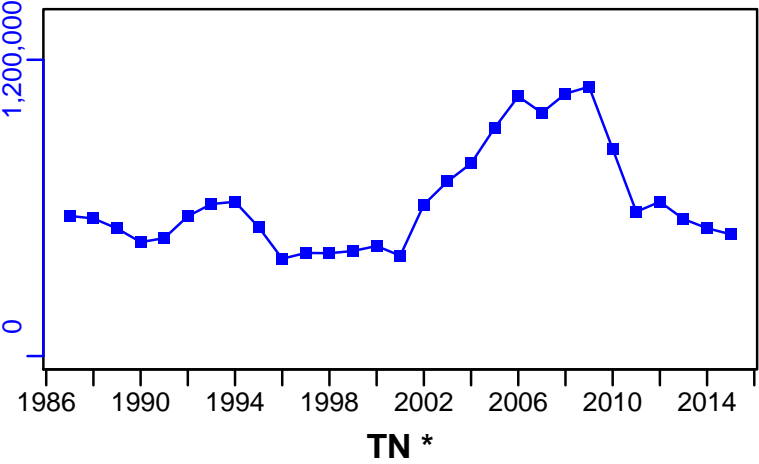
Production (1987–2015–ICESIMP2016)



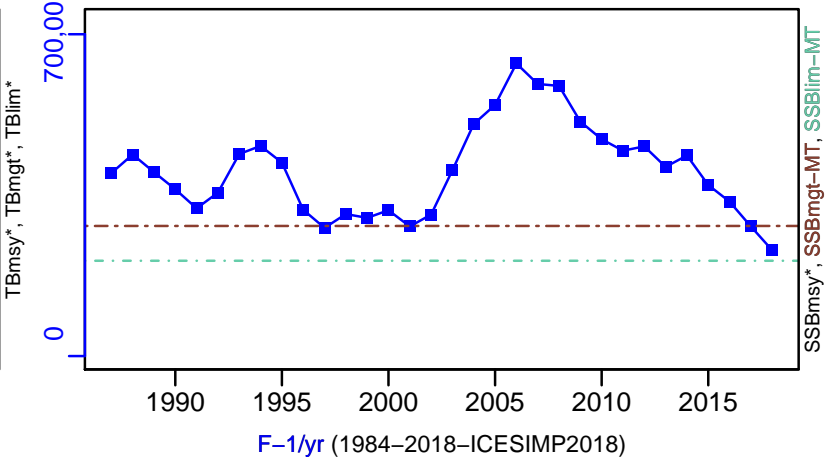
◆ Start Year ◆ End Year * No Data

Herring Iceland (Summer spawners) [HERRIsum]

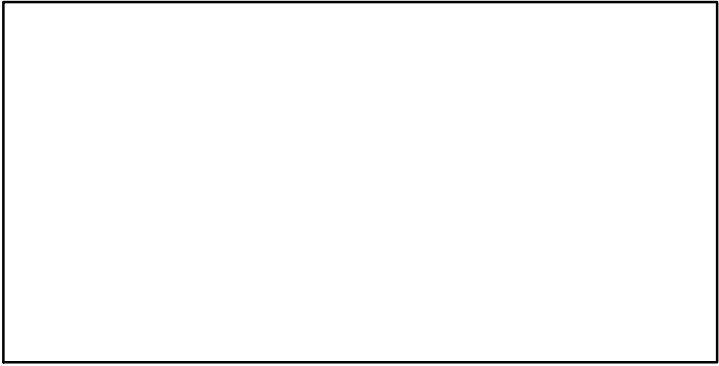
TB-MT (1987-2015-ICESIMP2016)



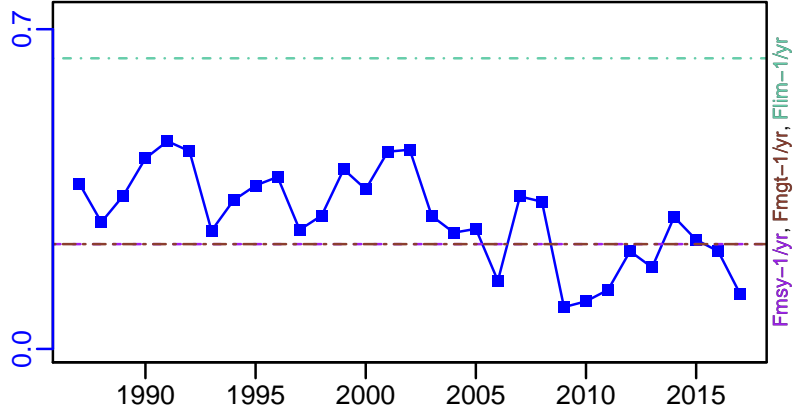
SSB-MT (1984-2018-ICESIMP2018)



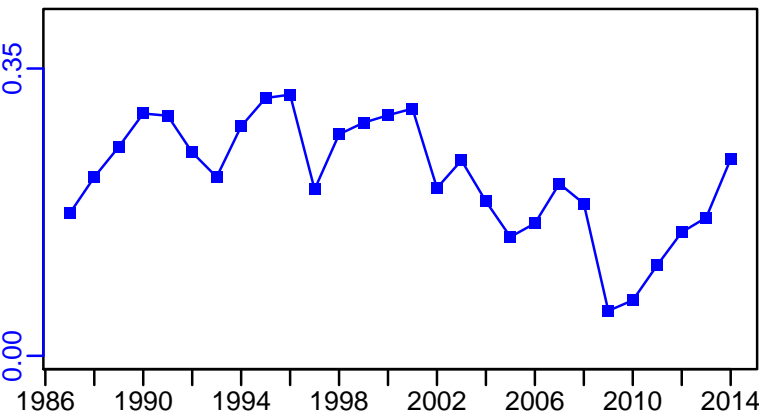
TN *



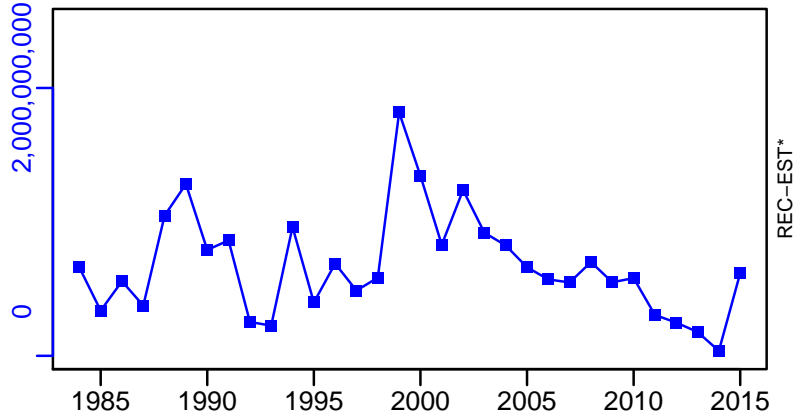
F-1/yr (1984-2018-ICESIMP2018)



ER-calc-ratio (1987-2015-ICESIMP2016)



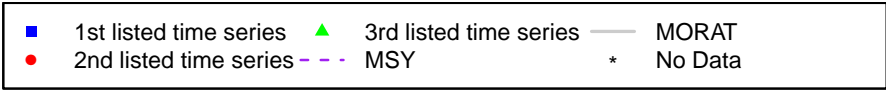
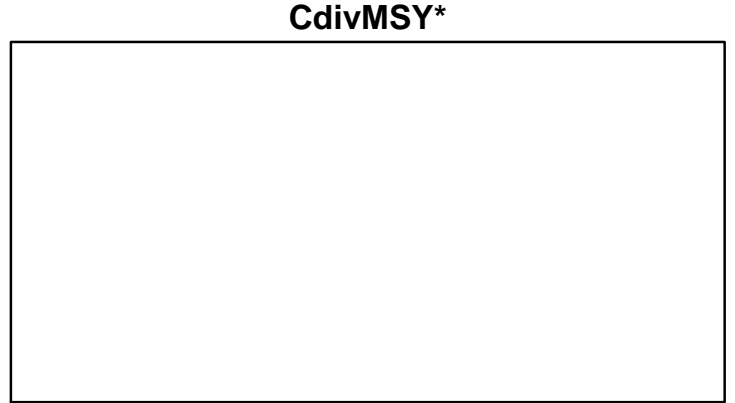
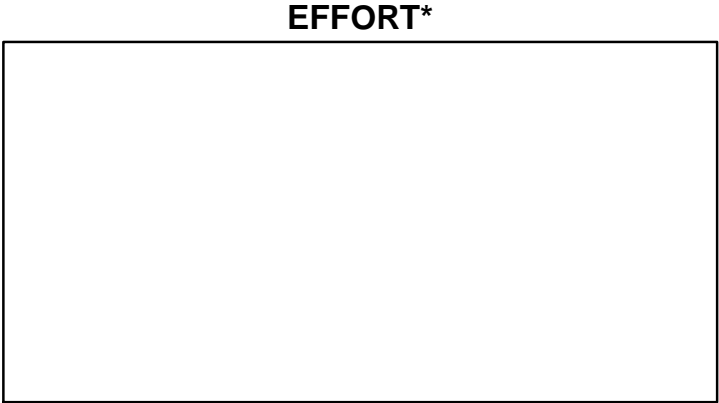
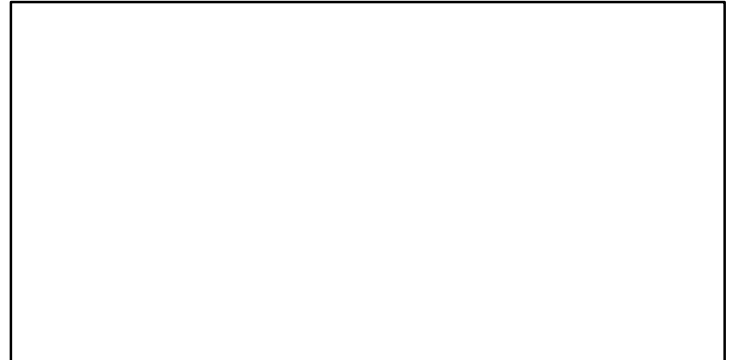
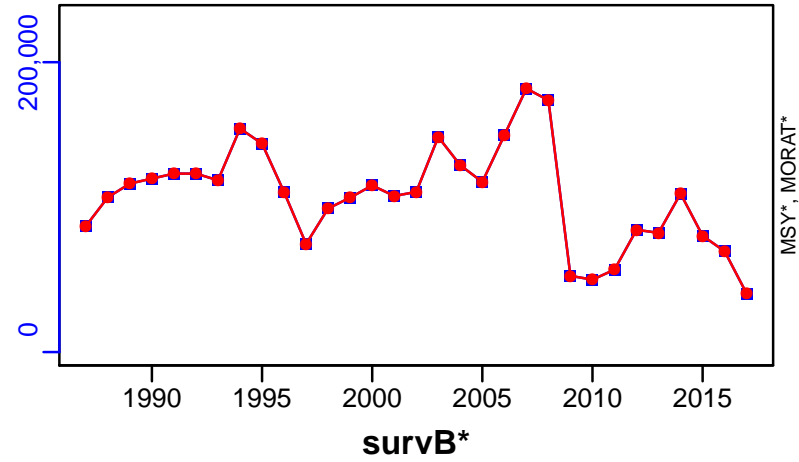
R-E00 (1984-2018-ICESIMP2018)



Herring Iceland (Summer spawners) [HERRIsum]

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

TAC*, Cpair*, Cadv*



Norwegian Spring Spawning Herring [HERRNORSS]

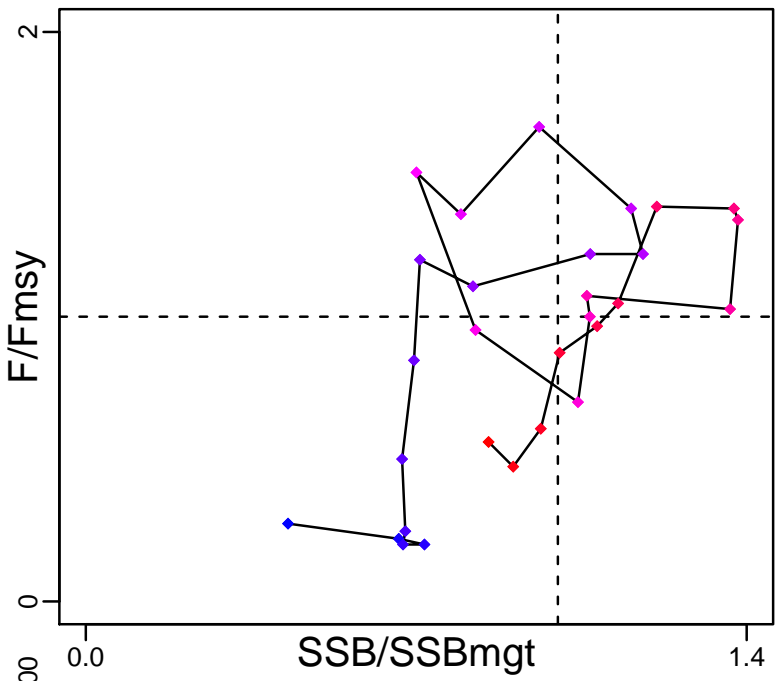
Metadata	
Scientific Name	Clupea harengus
Current Assess ID	WGWIDE-HERRNORSS-1986-2017-ICESIMP2018
Area	I-II-IVa-V-XIVa
Management Authority	International Council for the Exploration of the Sea
Assessor	Working Group on Widely Distributed Stocks
Asmts in RAM	2014, 2016, 2017, 2013, 2015

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

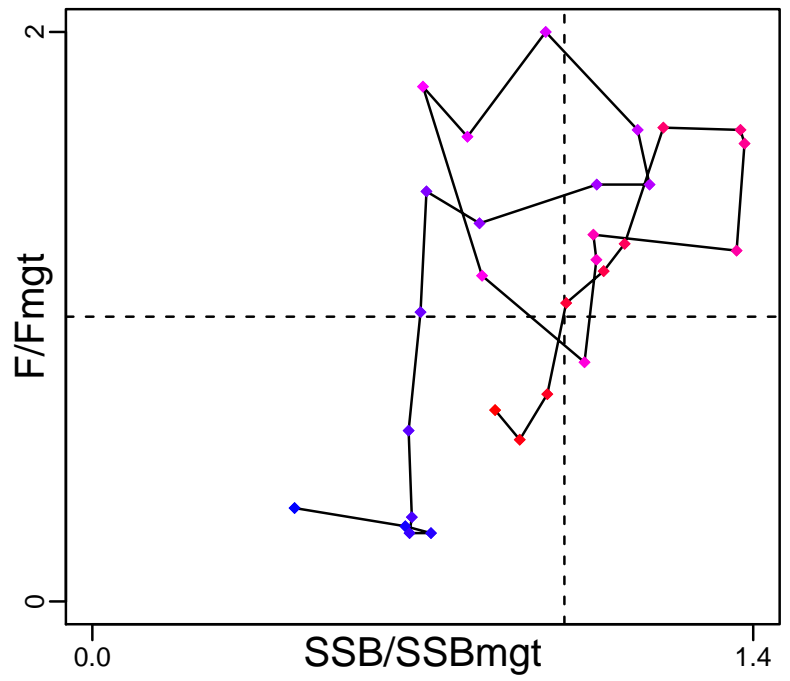
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	TB-MT	2017	5,470,000	Both	-
SSB	SSB-MT	2017	4,130,000	Both	-
TN	-	-	-	-	-
R	R-E00	2017	9.51×10^9	-	2
F	F-1/yr	2017	0.084	-	5 to 11
ER	ER-calc-ratio	2017	0.07	-	-
TC	TC-MT	2017	383,000		
TL	TL-MT	2017	383,000		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-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

Norwegian Spring Spawning Herring [HERRNORSS]

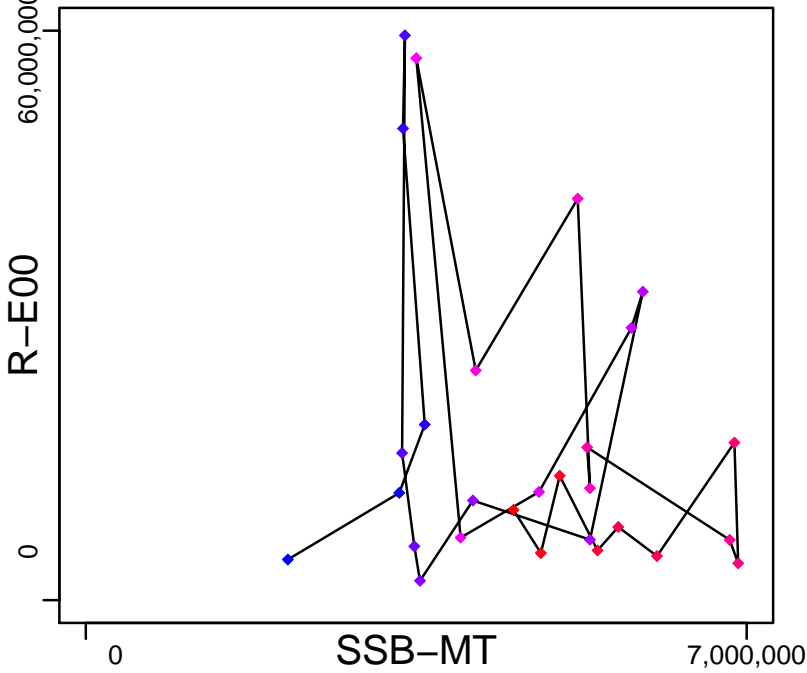
Kobe MSYpref (1986–2017–ICESIMP2018)



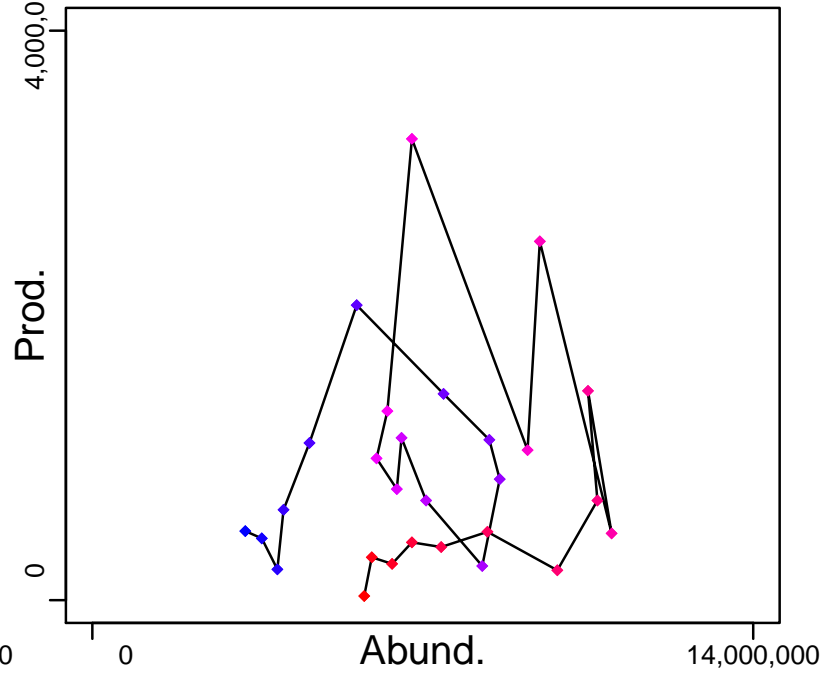
Kobe MGTpref (1986–2017–ICESIMP2018)



Spawner Recruit (1986–2017–ICESIMP2018)



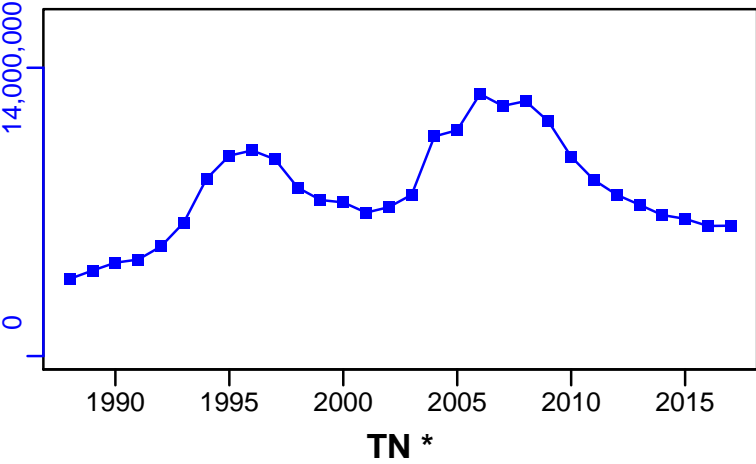
Production (1986–2017–ICESIMP2018)



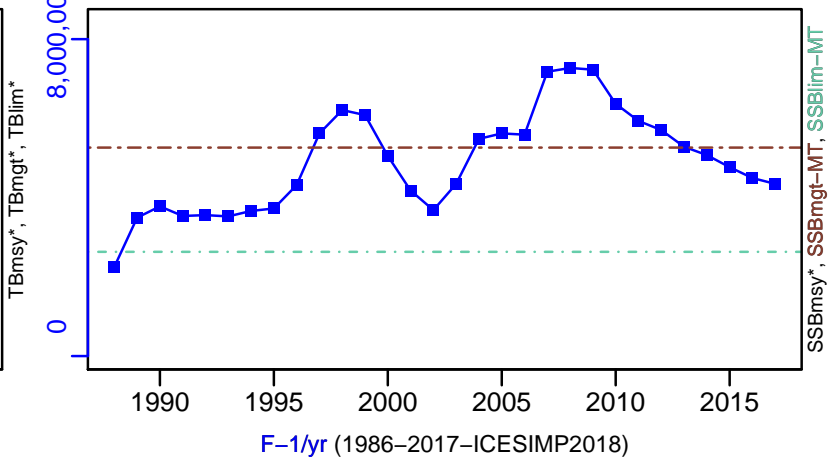
◆ Start Year ◆ End Year * No Data

Norwegian Spring Spawning Herring [HERRNORSS]

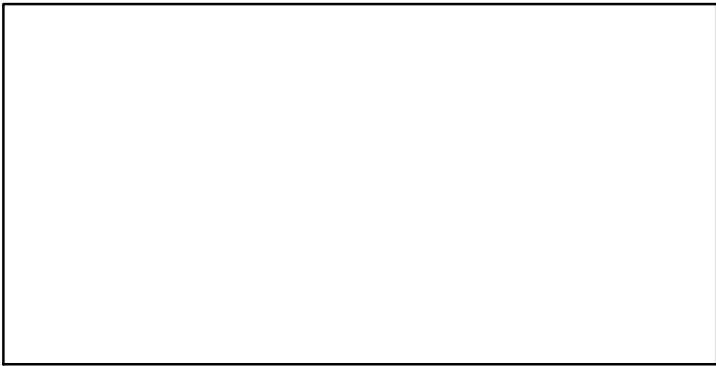
TB-MT (1986-2017-ICESIMP2018)



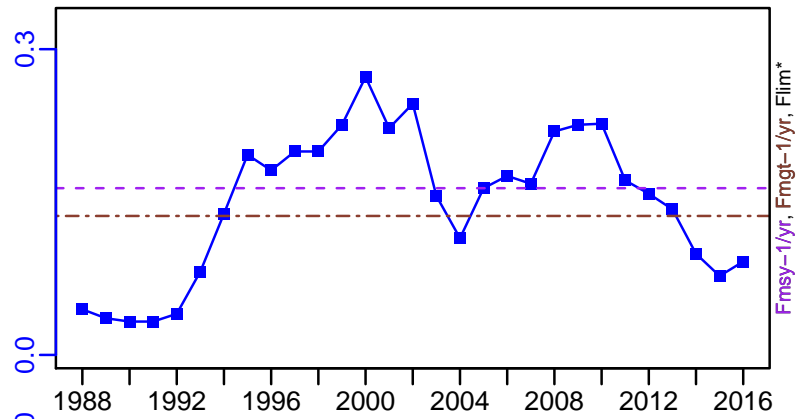
SSB-MT (1986-2017-ICESIMP2018)



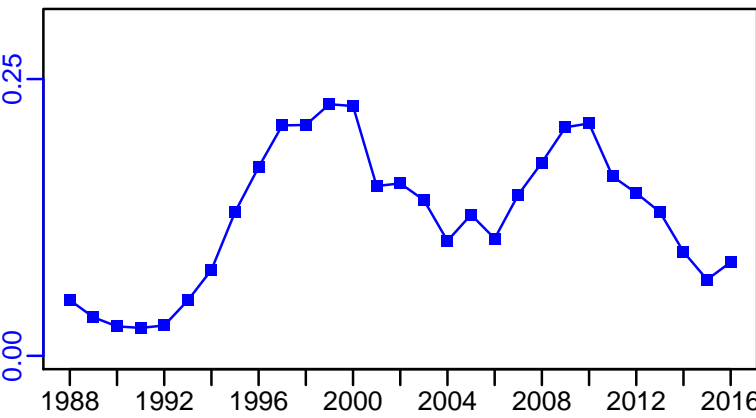
TN *



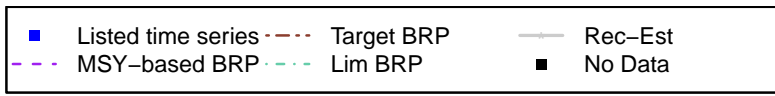
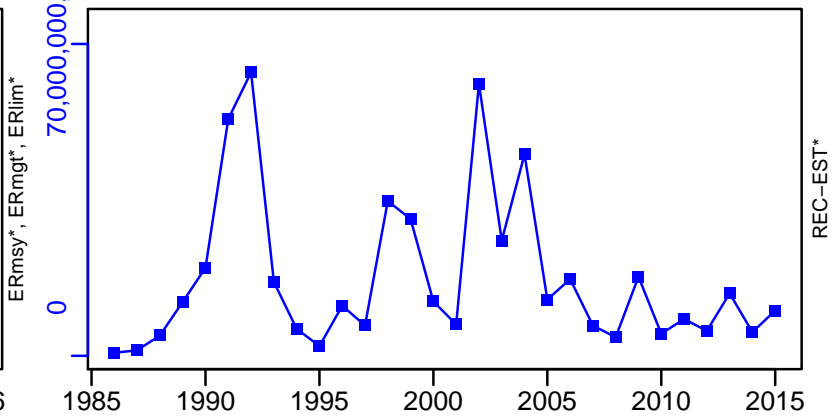
F-1/yr (1986-2017-ICESIMP2018)



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



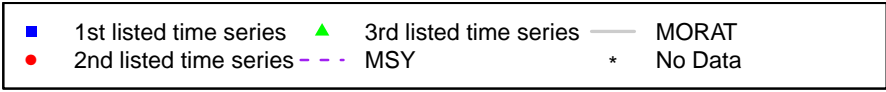
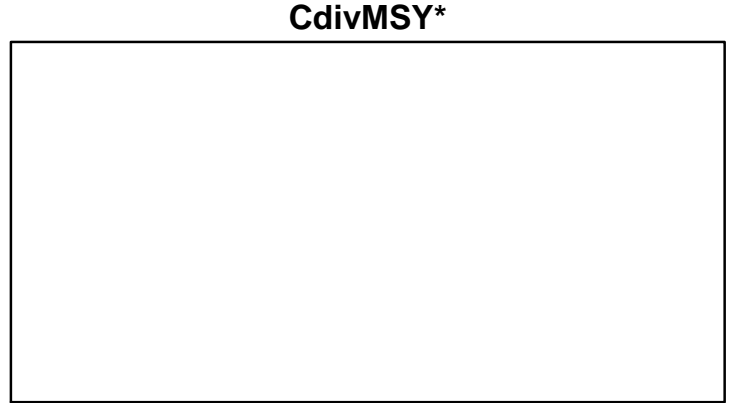
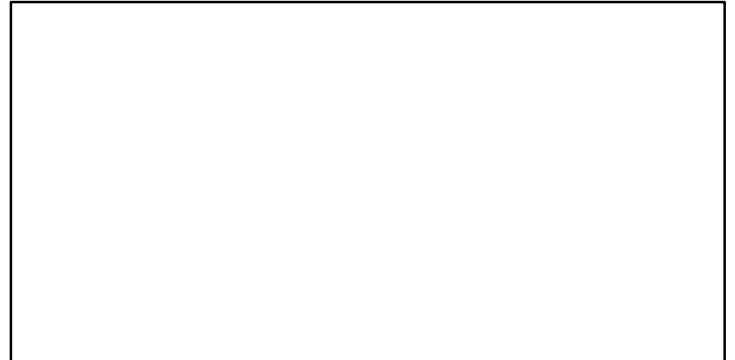
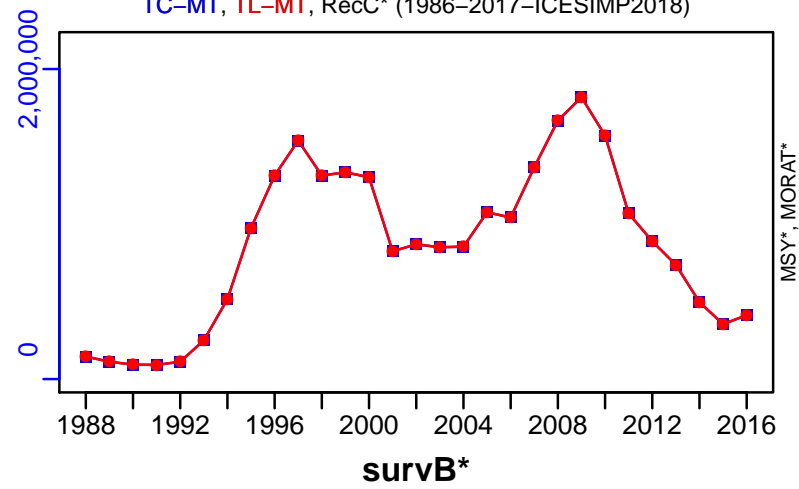
R-E00 (1986-2017-ICESIMP2018)



Norwegian Spring Spawning Herring [HERRNORSS]

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

TAC*, Cpair*, Cadv*



Ling North-East Arctic [LINGI-II]

Metadata	
Scientific Name	Molva molva
Current Assess ID	WGDEEP-LINGI-II-1988-2016-ICESIMP2018
Area	North-East Arctic
Management Authority	International Council for the Exploration of the Sea
Assessor	Working Group on the Biology and Assessment of Deep-Sea Fisheries Resources
Asmts in RAM	2014, 2016

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

Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	-	-	-	-	-
SSB	SSB-MT	2014	99	Both	-
TN	-	-	-	-	-
R	-	-	-	-	-
F	-	-	-	-	-
ER	-	-	-	-	-
TC	-	-	-	-	-
TL	TL-MT	2016	8820	-	-
TB/TBmsy	-	-	-	-	-
SSB/SSBmsy	-	-	-	-	-
F/Fmsy	-	-	-	-	-
ER/ERmsy	-	-	-	-	-
TB/TBmgt	-	-	-	-	-
SSB/SSBmgt	-	-	-	-	-
F/Fmgt	-	-	-	-	-
ER/ERmgt	-	-	-	-	-

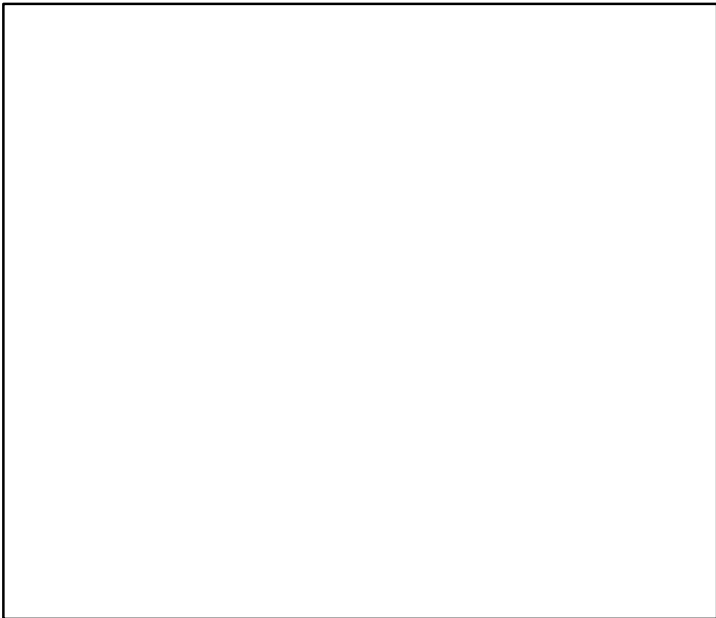
Kobe MSY*



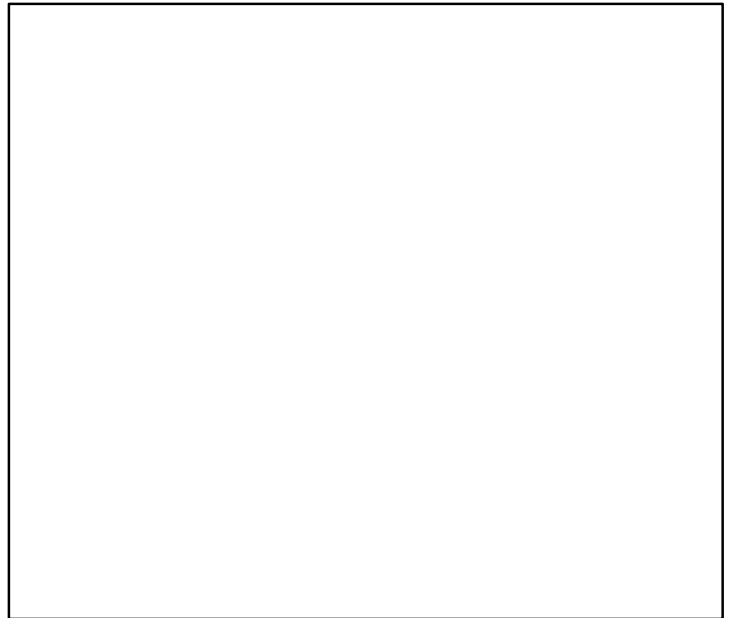
Kobe MGT*



Spawner Recruit*



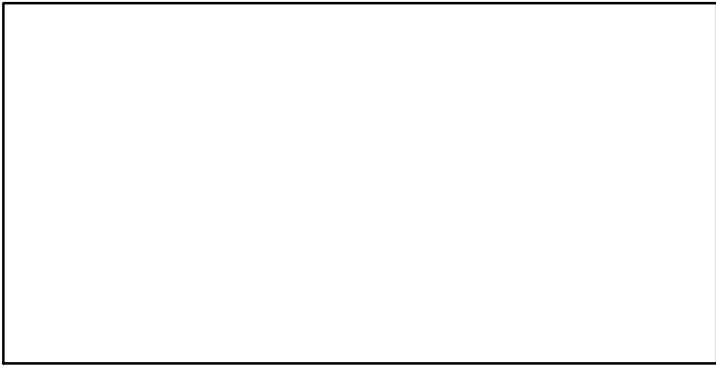
Production*



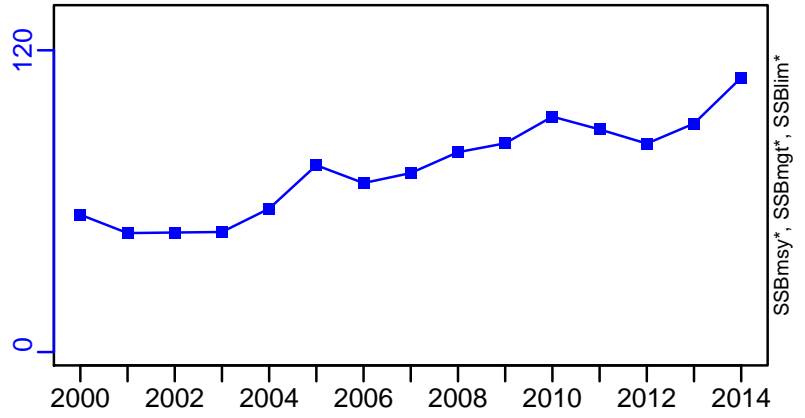
◆ Start Year ◆ End Year * No Data

Ling North-East Arctic [LINGI-II]

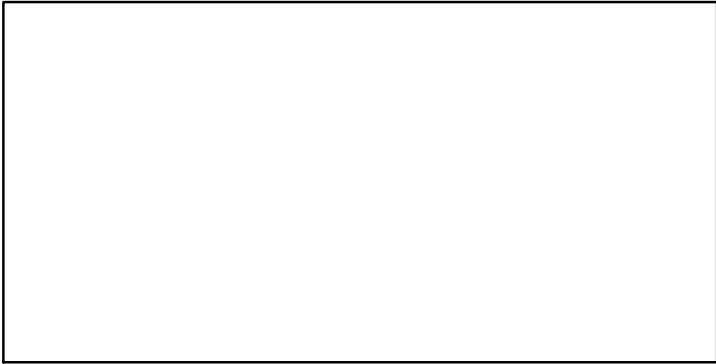
TB*



SSB-MT (1988-2014-ICESIMP2018)



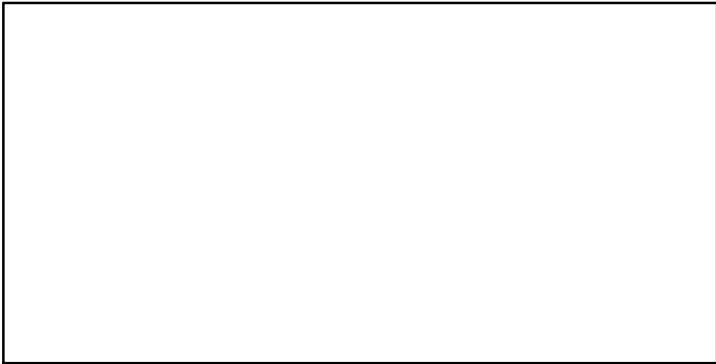
TN *



F*



ER*



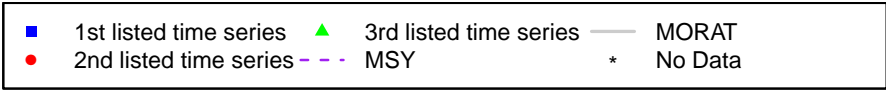
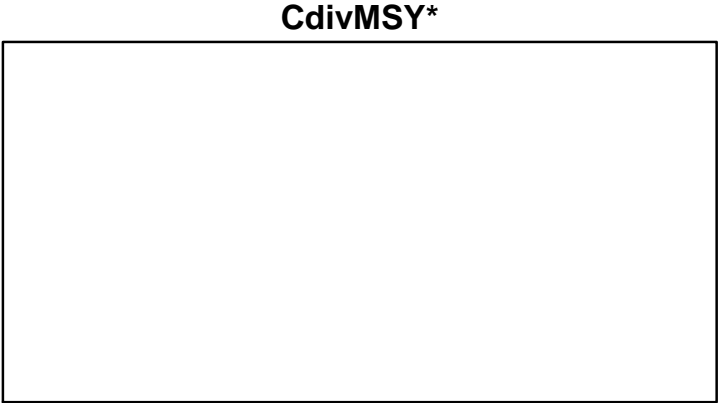
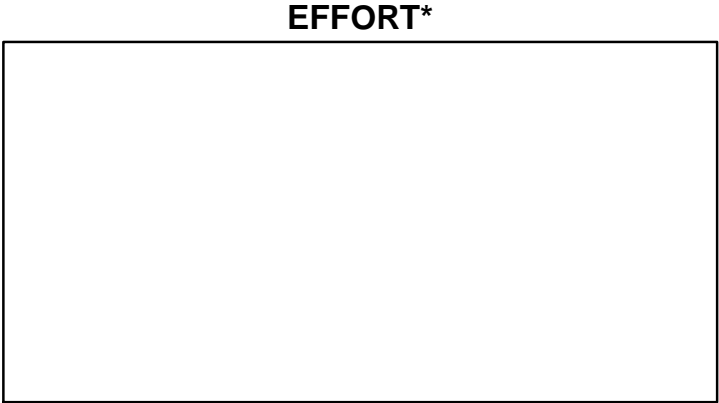
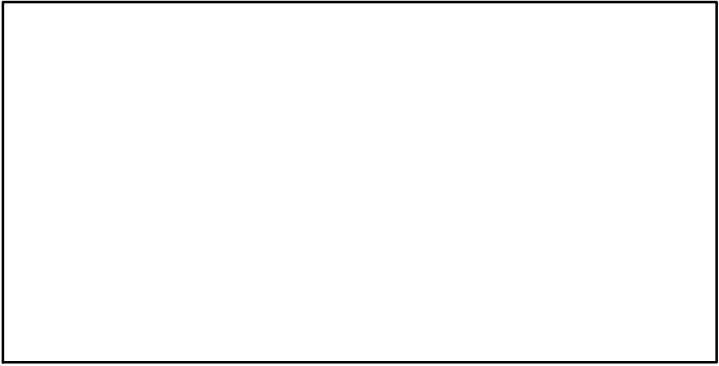
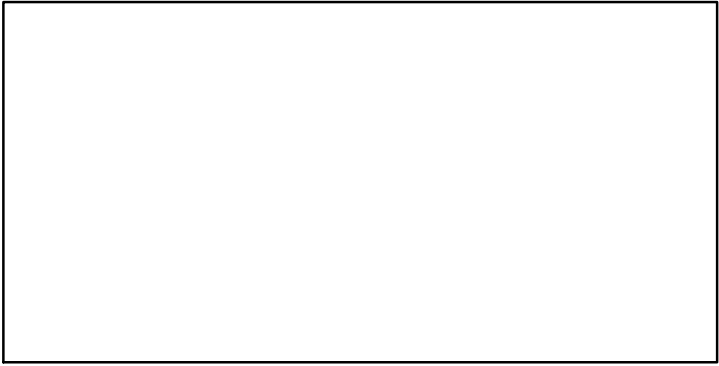
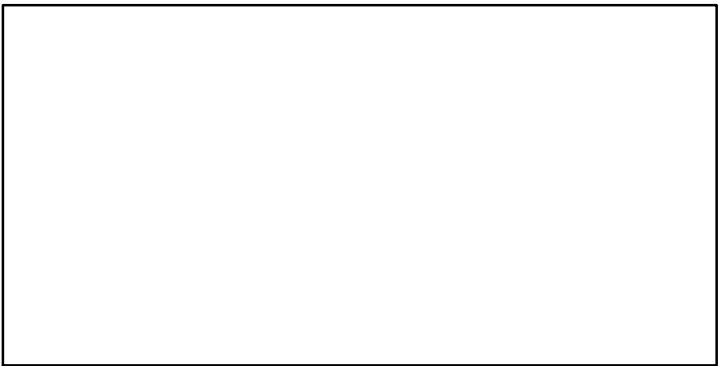
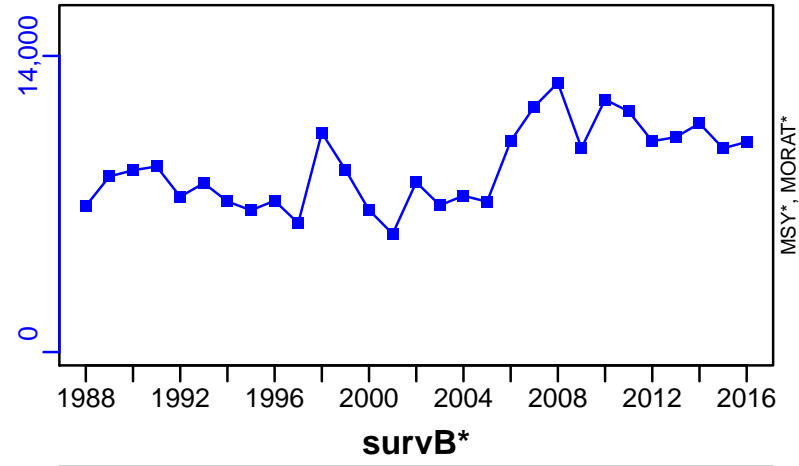
Recruits*



Ling North-East Arctic [LINGI-II]

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

TAC*, Cpair*, Cadv*



Ling Faroe Grounds [LINGVb]

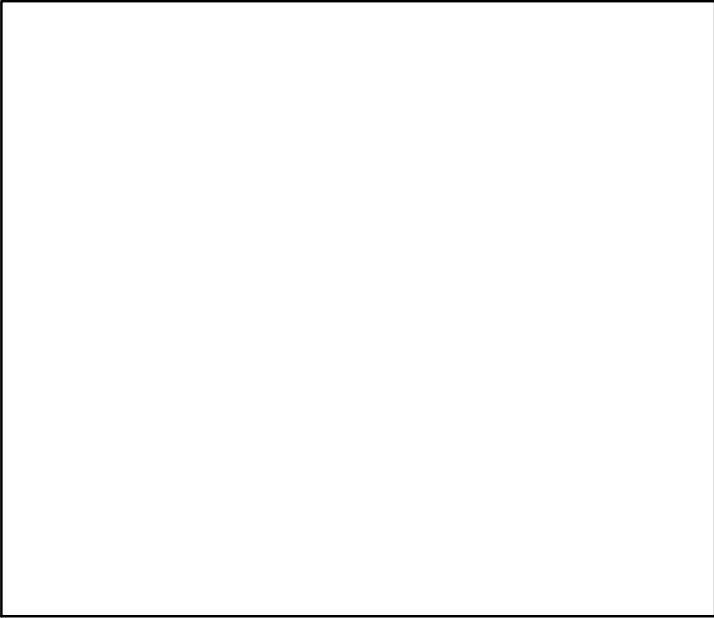
Metadata	
Scientific Name	Molva molva
Current Assess ID	WGDEEP-LINGVb-1988-2016-ICESIMP2018
Area	Faroe Grounds
Management Authority	International Council for the Exploration of the Sea
Assessor	Working Group on the Biology and Assessment of Deep-Sea Fisheries Resources
Asmts in RAM	2014, 2016

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

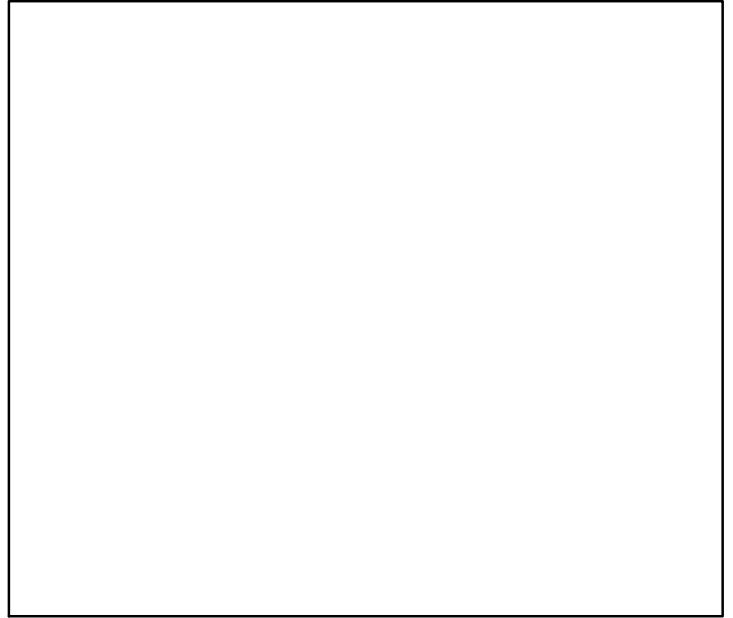
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	-	-	-	-	-
SSB	SSB-MT	2014	33	Both	-
TN	-	-	-	-	-
R	-	-	-	-	-
F	-	-	-	-	-
ER	-	-	-	-	-
TC	-	-	-	-	-
TL	TL-MT	2016	5890	-	-
TB/TBmsy	-	-	-	-	-
SSB/SSBmsy	-	-	-	-	-
F/Fmsy	-	-	-	-	-
ER/ERmsy	-	-	-	-	-
TB/TBmgt	-	-	-	-	-
SSB/SSBmgt	-	-	-	-	-
F/Fmgt	-	-	-	-	-
ER/ERmgt	-	-	-	-	-

Ling Faroe Grounds [LINGVb]

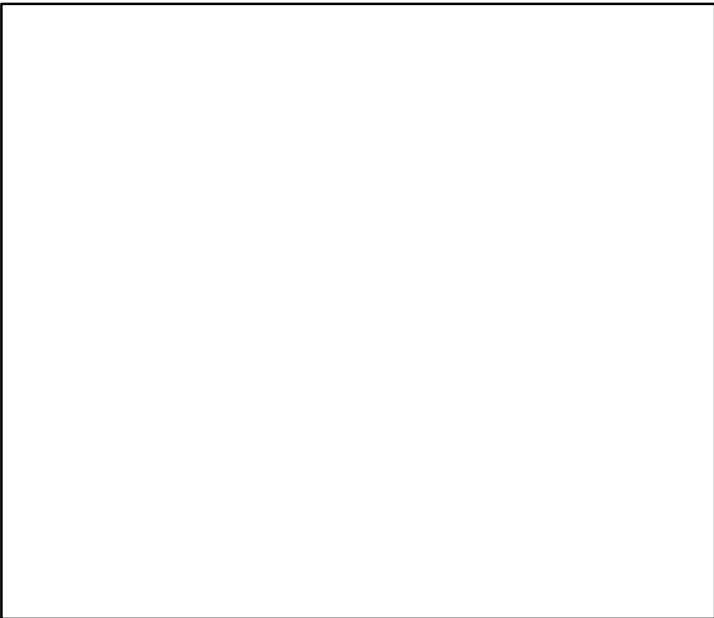
Kobe MSY*



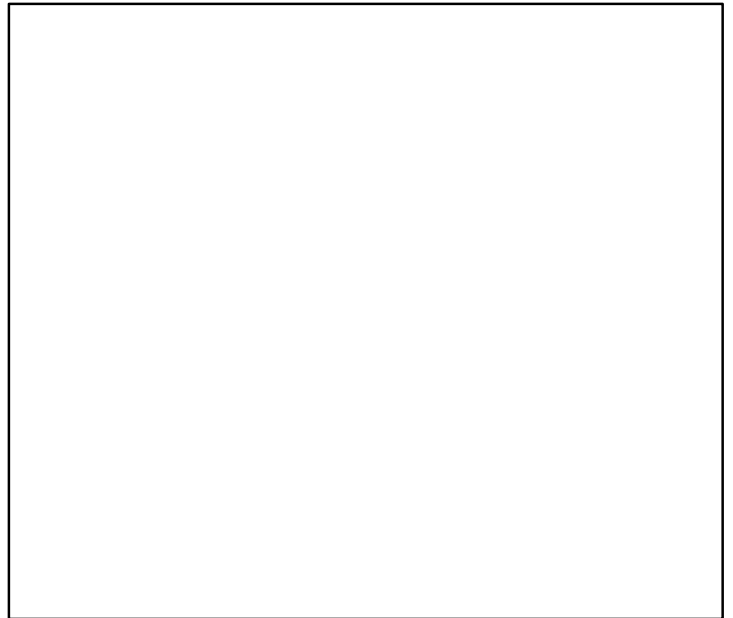
Kobe MGT*



Spawner Recruit*



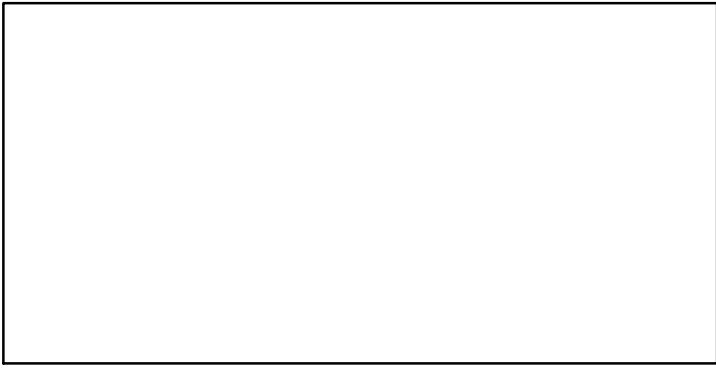
Production*



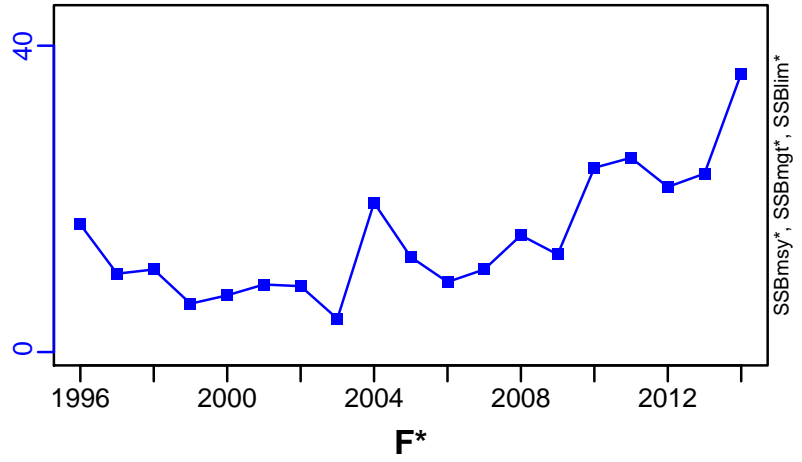
◆ Start Year ◆ End Year * No Data

Ling Faroe Grounds [LINGVb]

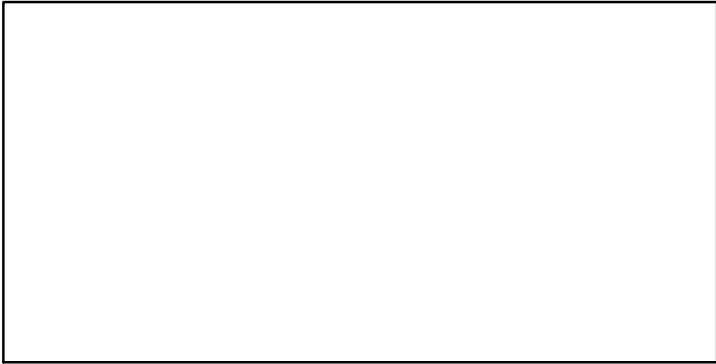
TB*



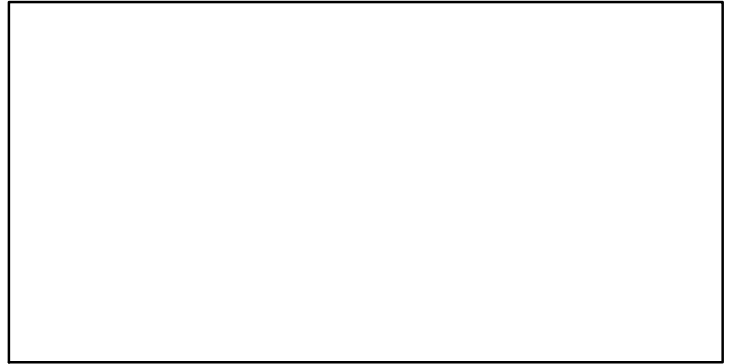
SSB-MT (1965-2014-ICESIMP2018)



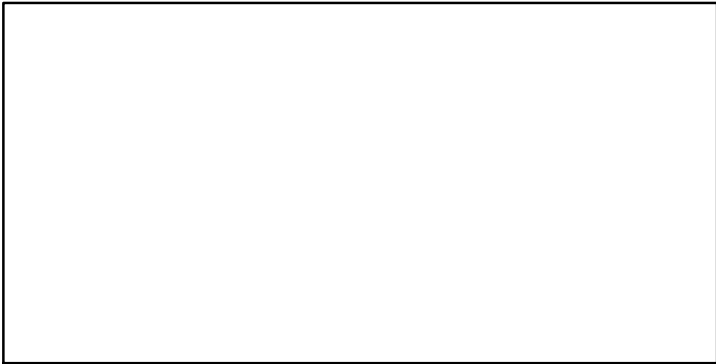
TN *



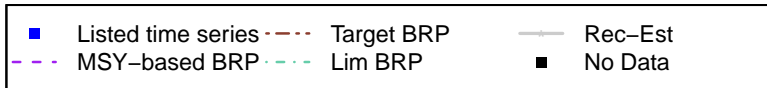
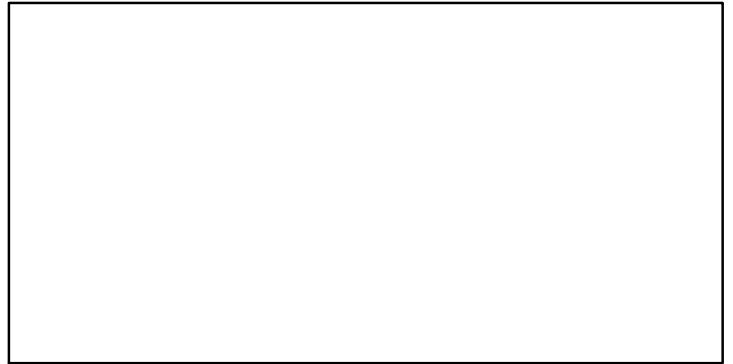
F*



ER*

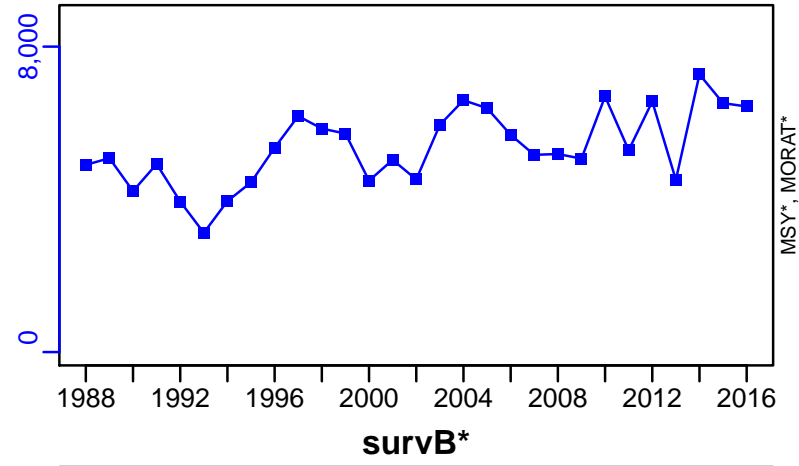


Recruits*

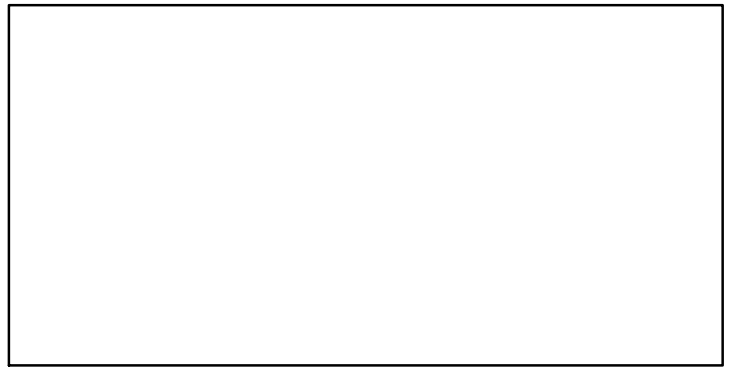


Ling Faroe Grounds [LINGVb]

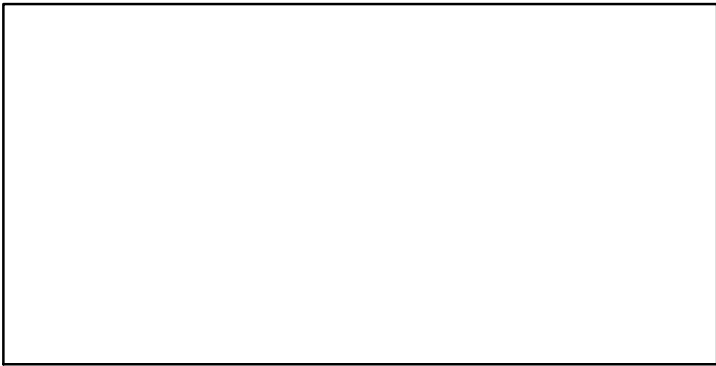
TL-MT, TC*, RecC* (1988-2016-ICESIMP2018)



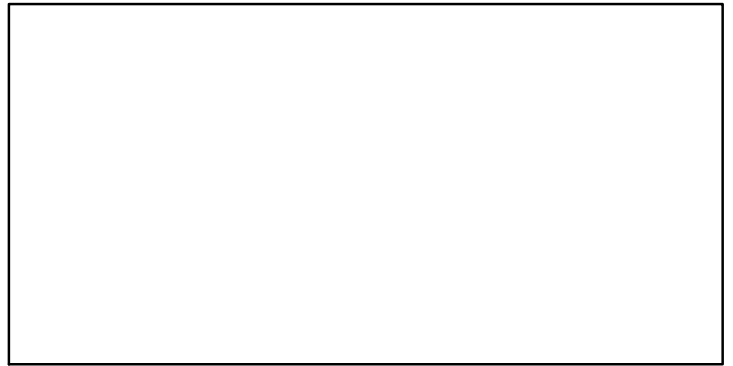
TAC*, Cpair*, Cadv*



survB*



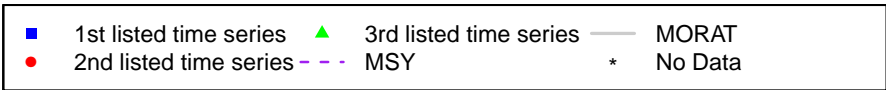
CPUE*



EFFORT*



CdivMSY*



Northern shrimp North-East Arctic [PANDALI-II]

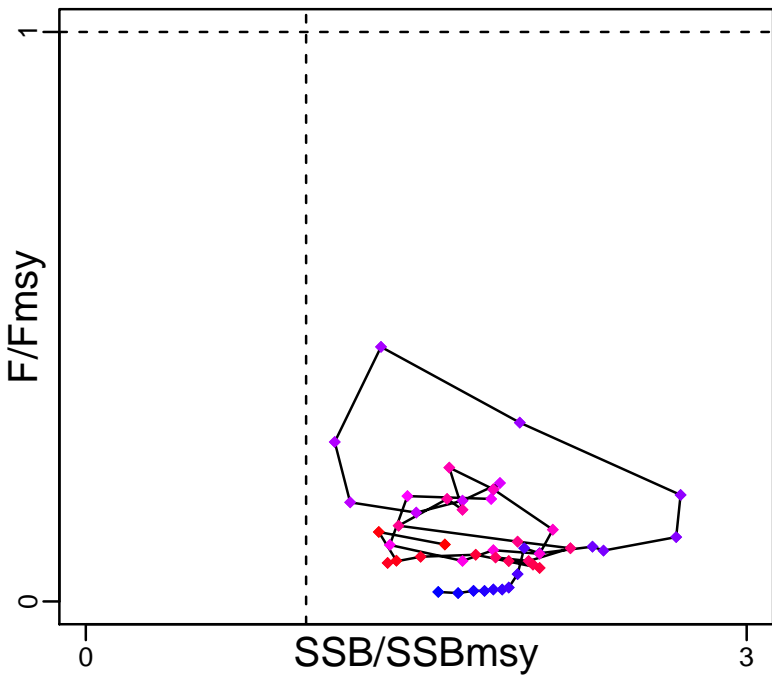
Metadata	
Scientific Name	Pandalus borealis
Current Assess ID	NIPAG-PANDALI-II-1970-2017-ICESIMP2018
Area	North-East Arctic
Management Authority	International Council for the Exploration of the Sea
Assessor	Joint NAFO and ICES Pandalus Assessment Working Group
Asmts in RAM	2014, 2015, 2016, 2017

Reference Points			
Type	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	-	-	-
Fmsy	Fmsy-1/yr	2016	1
ERmsy	-	-	-
TBmgt	-	-	-
SSBmgt	SSBmgt-MT	2015	0.5
Fmgt	Fmgt-1/yr	2016	1
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	-	-	-
M	-	-	-
TBlim	-	-	-
SSBlim	SSBlim-MT	2015	0.3
Flim	Flim-1/yr	2016	1.7
ERlim	-	-	-

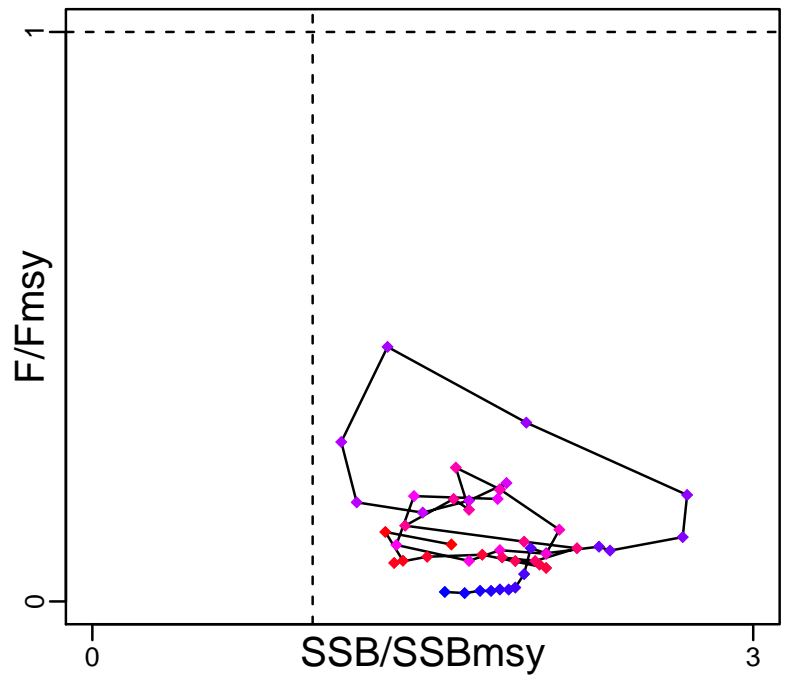
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	TB-MT	2016	1.67	Both	-
SSB	SSB-MT	2015	1.54	Both	-
TN	-	-	-	-	-
R	R-E00	2015	0	-	0
F	F-1/yr	2016	0.099	-	-
ER	ER-calc-ratio	2016	21,583	-	-
TC	TC-MT	2017	28,000		
TL	TL-MT	2017	28,000		
TB/TBmsy	-	-	-		
SSB/SSBmsy	SSBdivSSBmsy-dimensionless	2017	1.68		
F/Fmsy	FdivFmsy-dimensionless	2017	0.1		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2015	3.076		
F/Fmgt	F-1/yr/Fmgt-1/yr	2016	0.099		
ER/ERmgt	-	-	-		

Northern shrimp North-East Arctic [PANDALI-II]

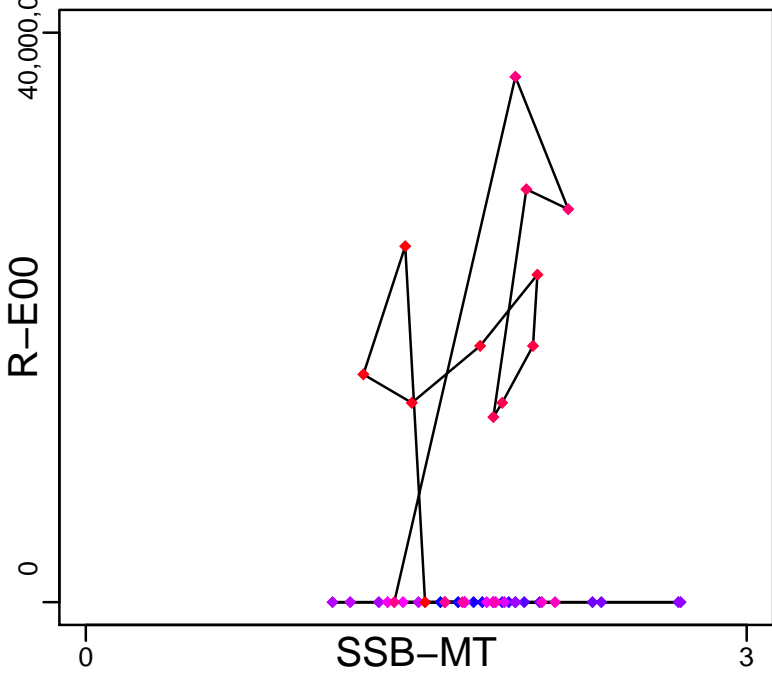
Kobe MSYpref (1970–2017–ICESIMP2018)



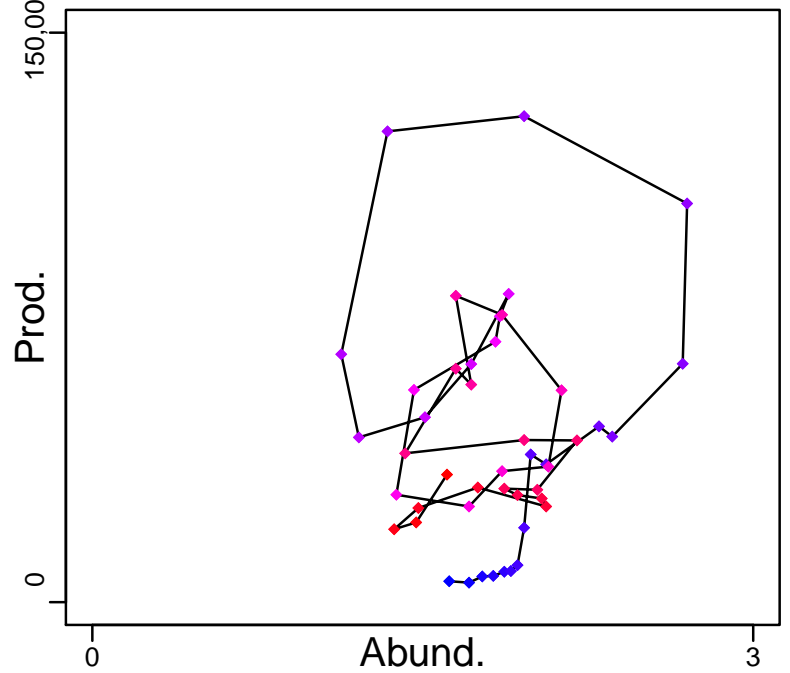
Kobe MGTpref (1970–2017–ICESIMP2018)



Spawner Recruit (1970–2015–ICESIMP2018)



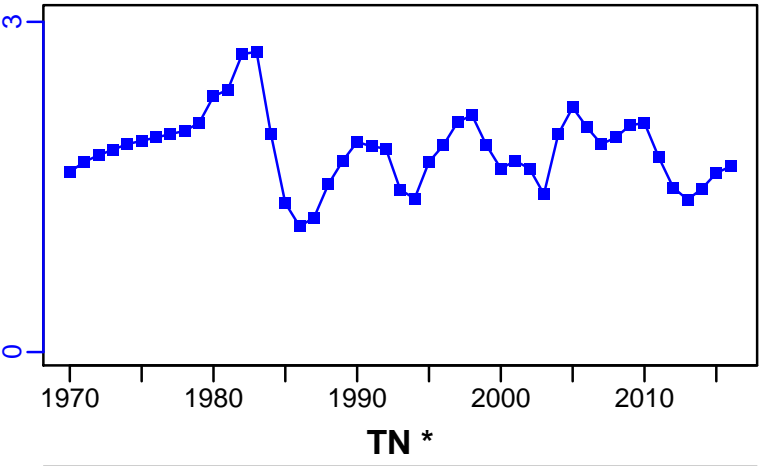
Production (1970–2016–ICESIMP2018)



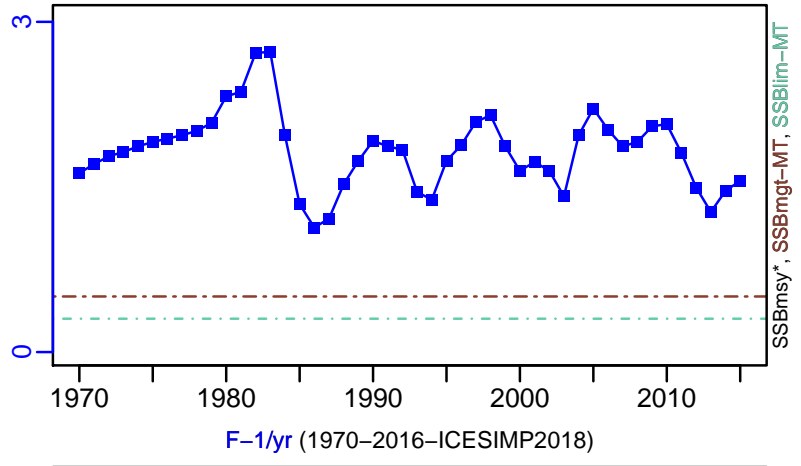
◆ Start Year ◆ End Year * No Data

Northern shrimp North-East Arctic [PANDALI-II]

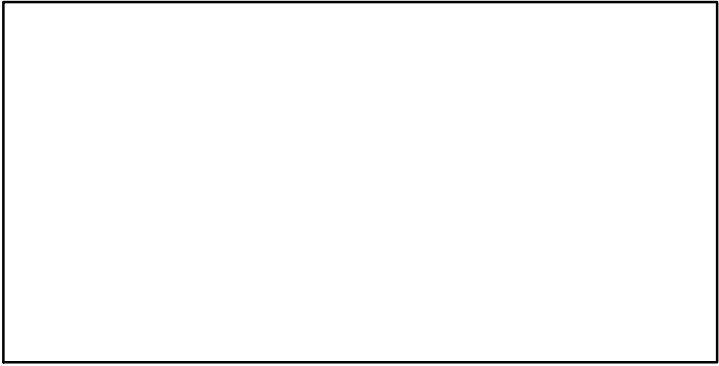
TB-MT (1970-2016-ICESIMP2018)



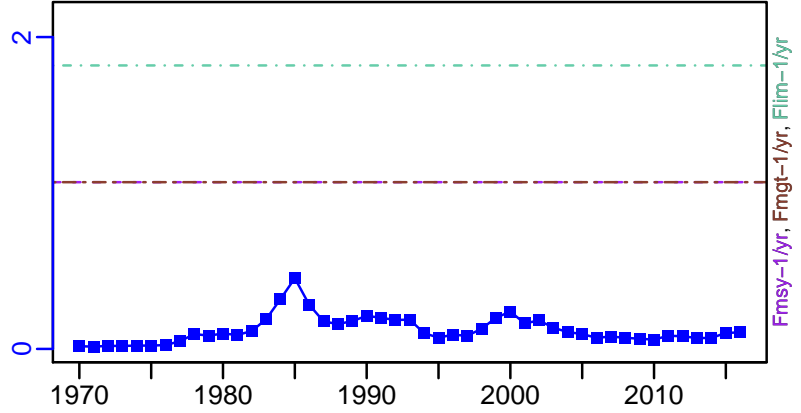
SSB-MT (1970-2015-ICESIMP2018)



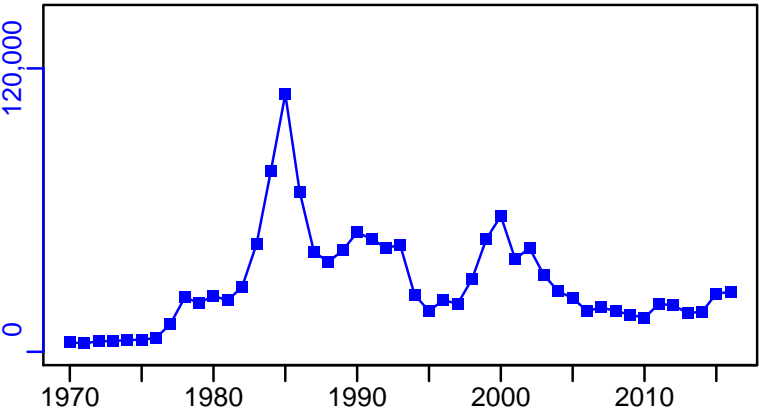
TN *



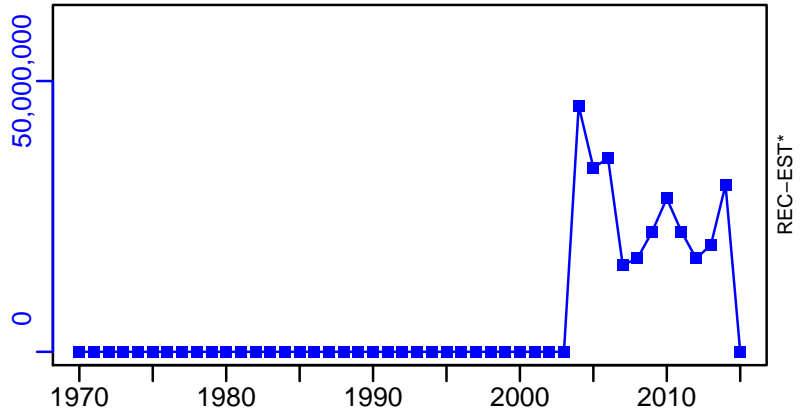
F-1/yr (1970-2016-ICESIMP2018)



ER-calc-ratio (1970-2016-ICESIMP2018)



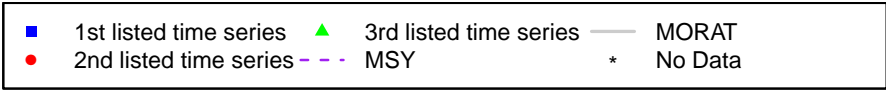
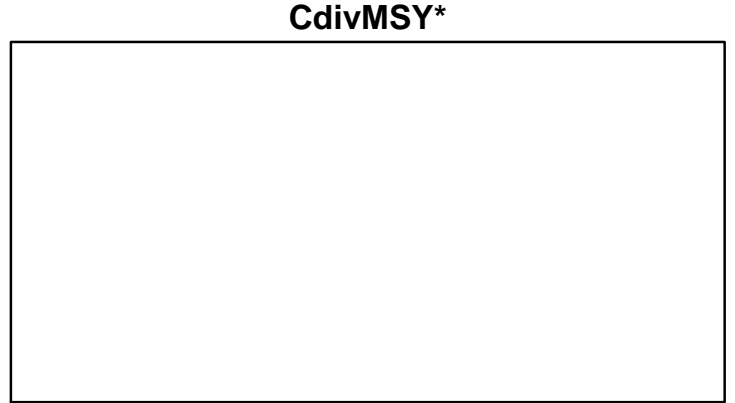
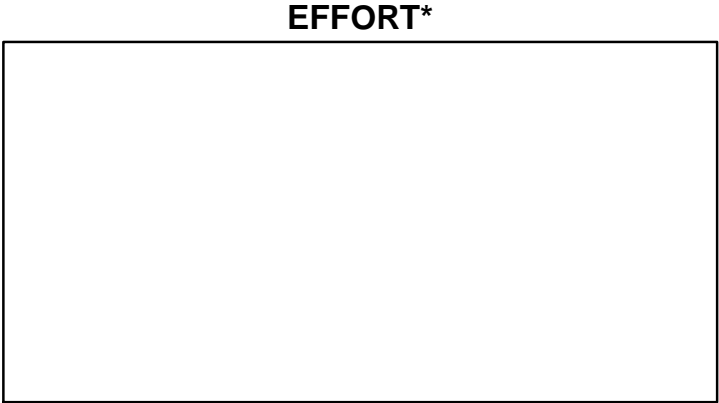
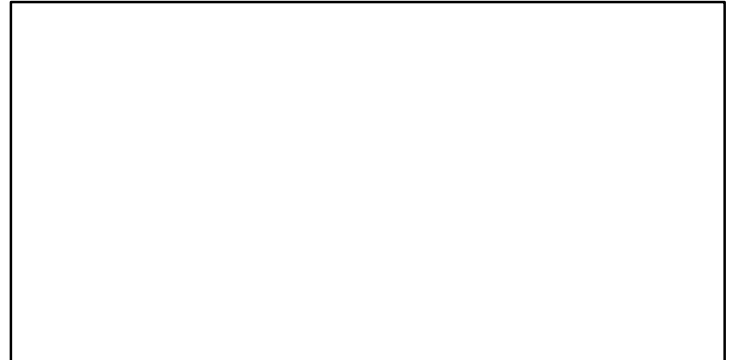
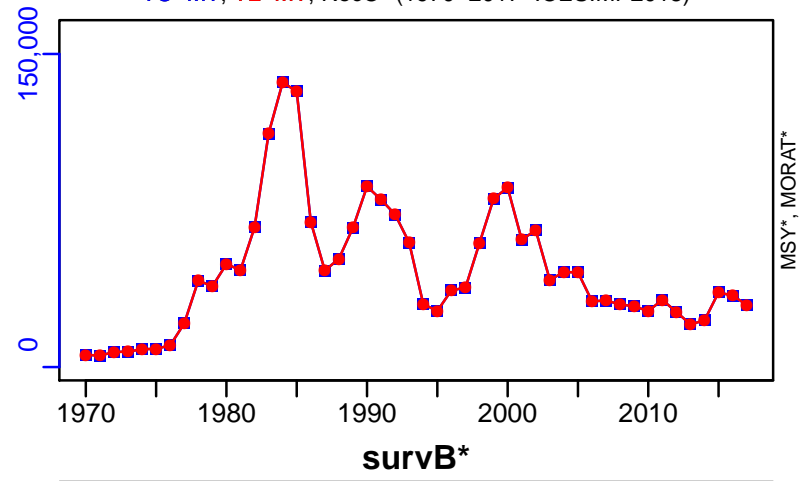
R-E00 (1970-2015-ICESIMP2018)



Northern shrimp North-East Arctic [PANDALI-II]

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

TAC*, Cpair*, Cadv*



Pollock Faroe Plateau [POLLFAPL]

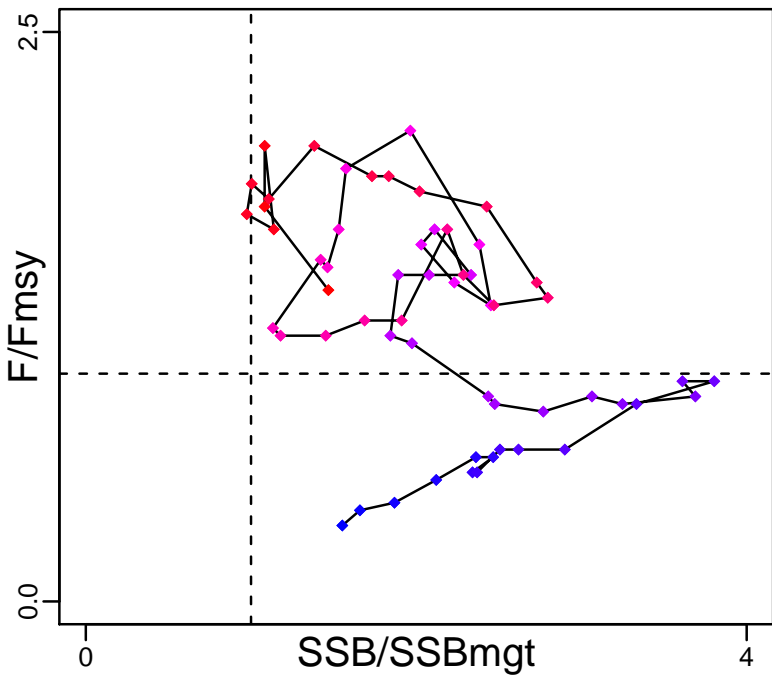
Metadata	
Scientific Name	Pollachius virens
Current Assess ID	NWWG-POLLFAPL-1958-2018-ICESIMP2018
Area	Faroe Plateau
Management Authority	International Council for the Exploration of the Sea
Assessor	North-Western Working Group
Asmts in RAM	2012, 2013, 2014, 2015, 2016, 2017, 2018

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

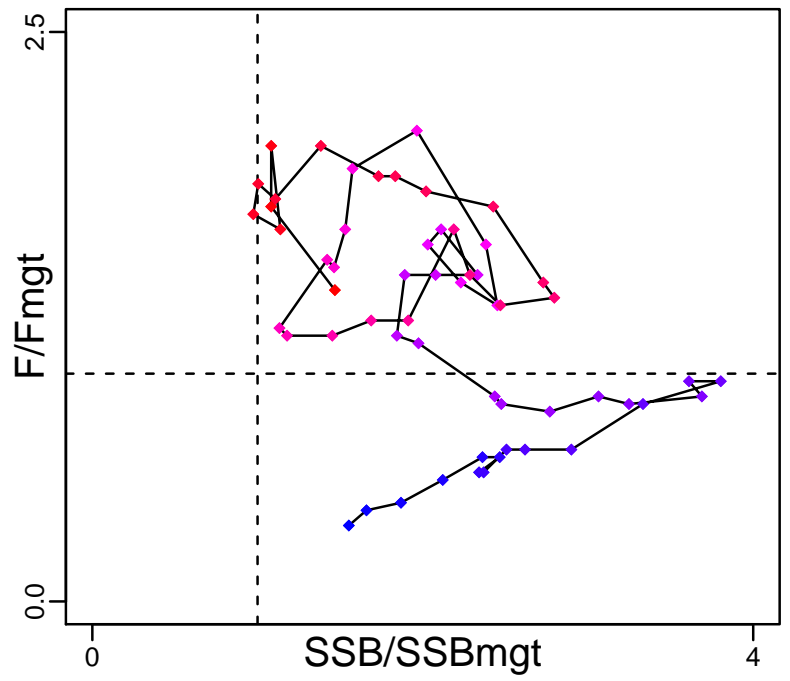
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	TB-MT	2018	142,000	Both	-
SSB	SSB-MT	2018	66,900	Both	-
TN	-	-	-	-	-
R	R-E00	2018	23,100,000	-	3
F	F-1/yr	2018	0.41	-	4 to 8
ER	ER-calc-ratio	2018	0.195	-	-
TC	TC-MT	2018	30,600		
TL	TL-MT	2018	30,600		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy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

Pollock Faroe Plateau [POLLFAPL]

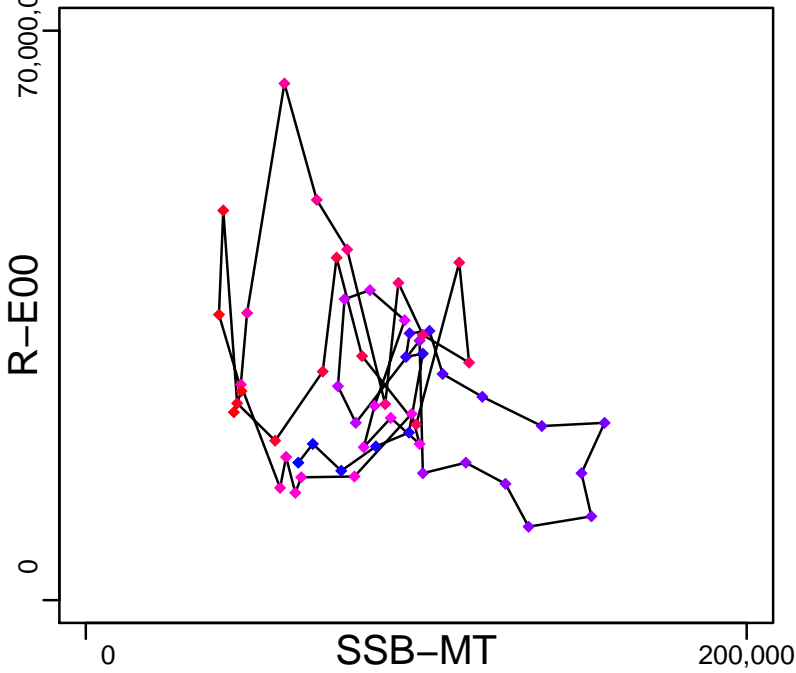
Kobe MSYpref (1958–2018–ICESIMP2018)



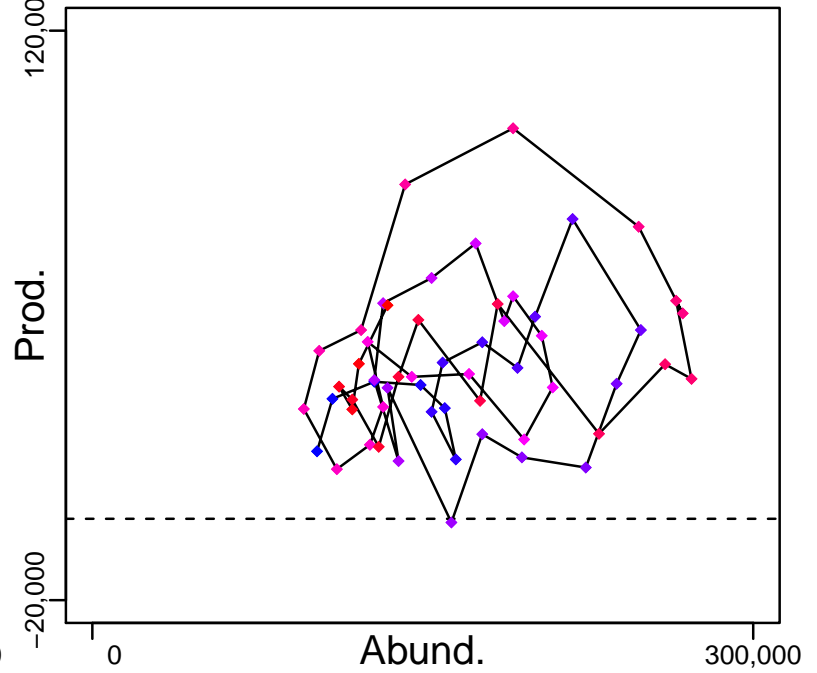
Kobe MGTpref (1958–2018–ICESIMP2018)



Spawner Recruit (1958–2018–ICESIMP2018)



Production (1958–2018–ICESIMP2018)

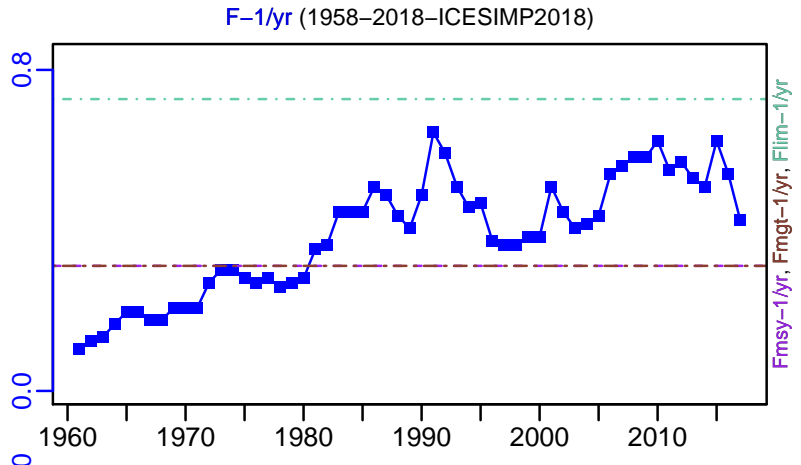
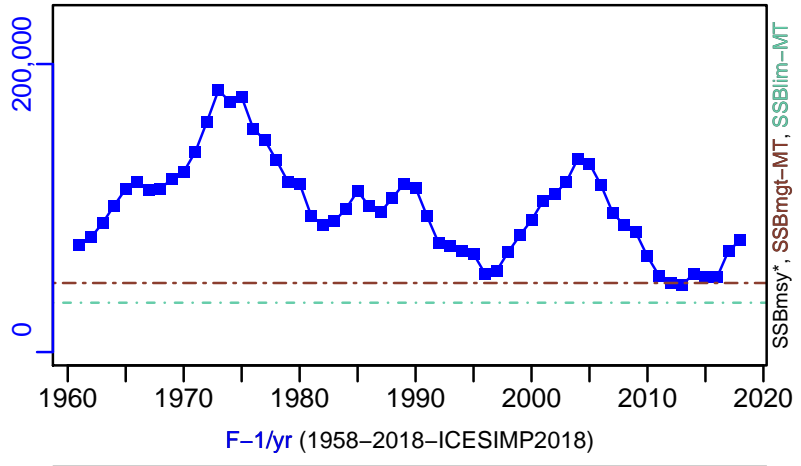
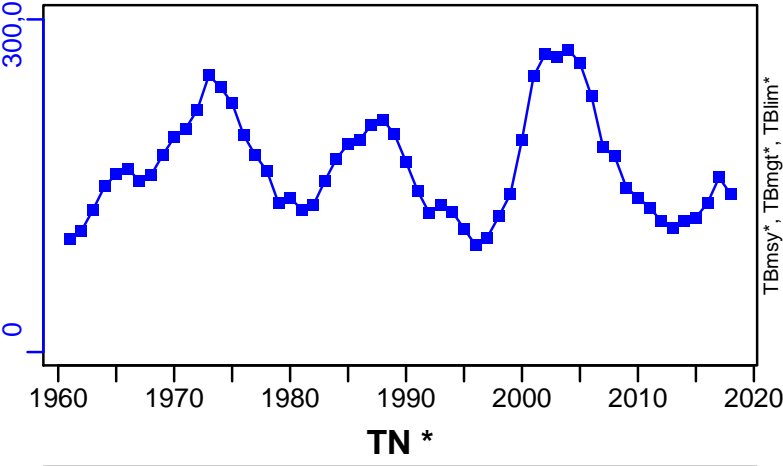


◆ Start Year ◆ End Year * No Data

Pollock Faroe Plateau [POLLFAPL]

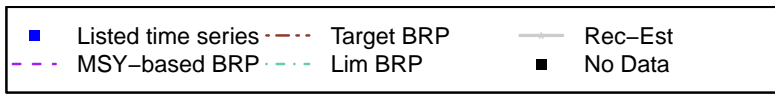
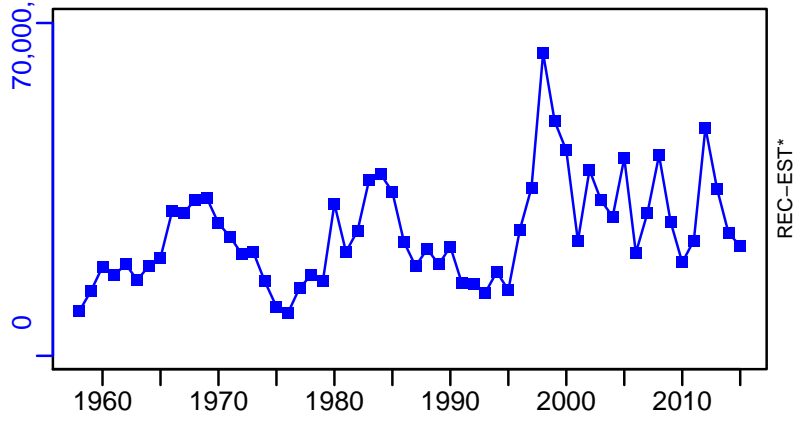
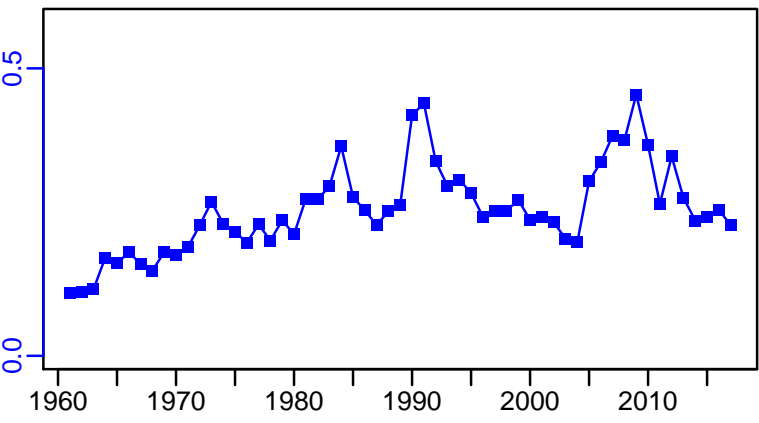
TB-MT (1958-2018-ICESIMP2018)

SSB-MT (1958-2018-ICESIMP2018)



ER-calc-ratio (1958-2018-ICESIMP2018)

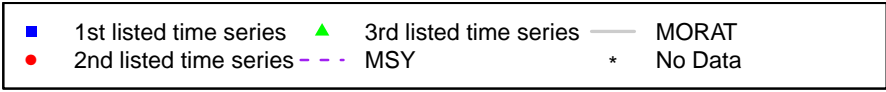
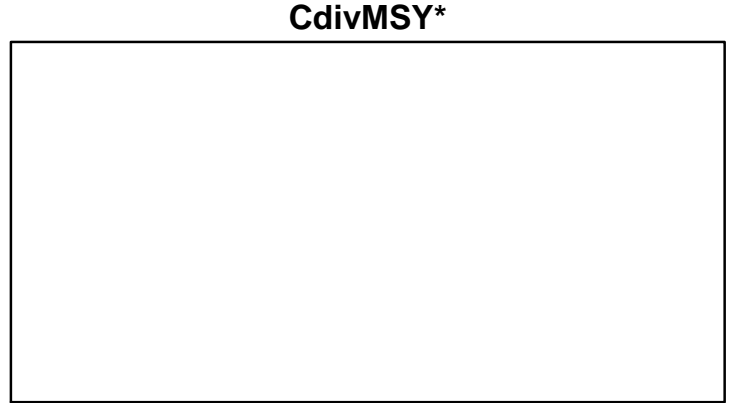
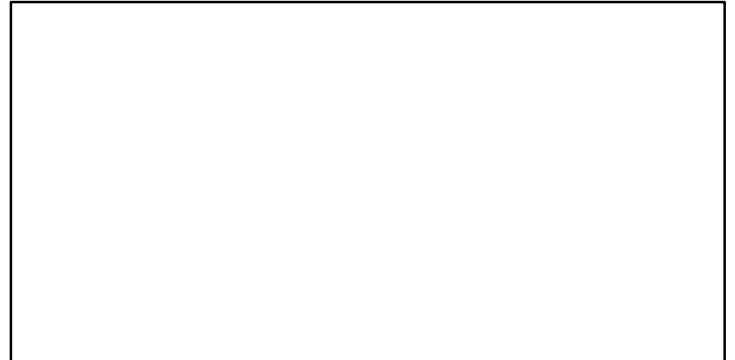
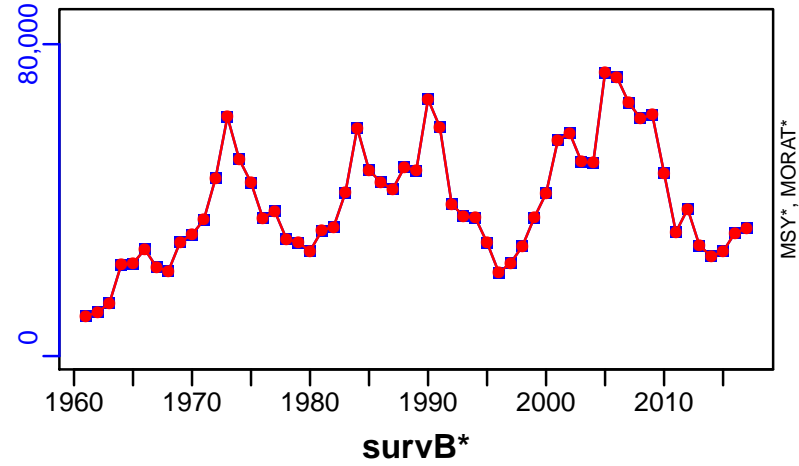
R-E00 (1958-2018-ICESIMP2018)



Pollock Faroe Plateau [POLLFAPL]

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

TAC*, Cpair*, Cadv*



Pollock Iceland Grounds [POLLIEG]

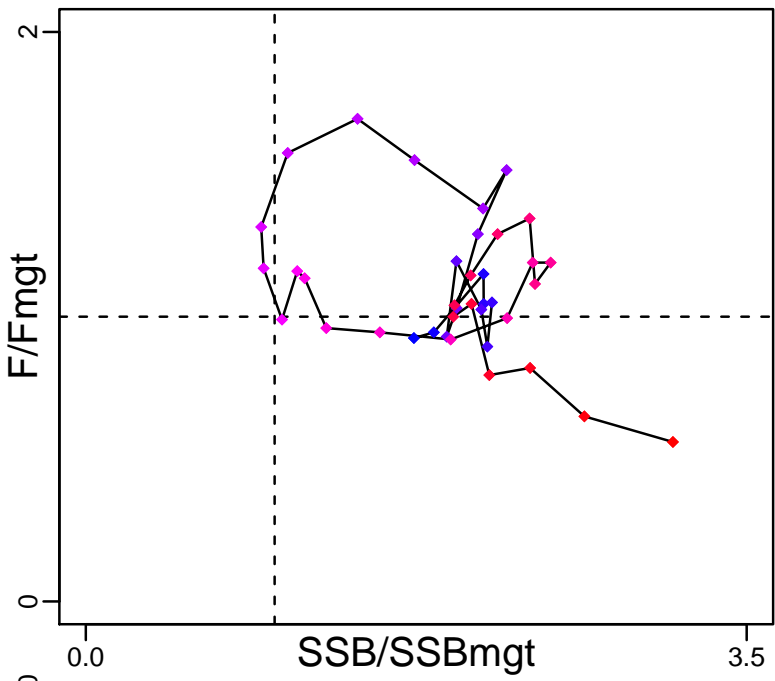
Metadata	
Scientific Name	Pollachius virens
Current Assess ID	NWWG-POLLIEG-1977-2018-ICESIMP2018
Area	Iceland Grounds
Management Authority	International Council for the Exploration of the Sea
Assessor	North-Western Working Group
Asmts in RAM	2012, 2013, 2014, 2015, 2016, 2018, 2017

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

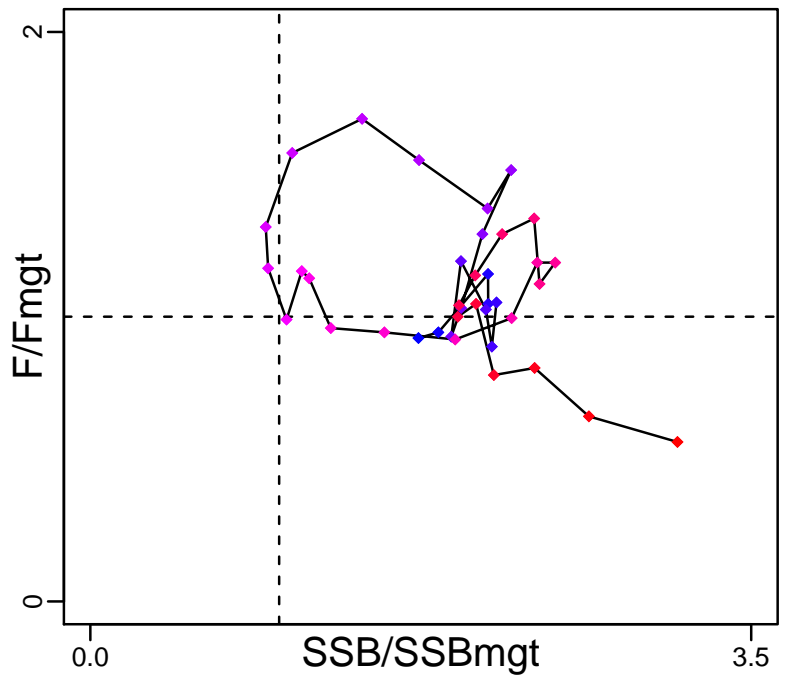
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	TB-MT	2017	306,000	Both	-
SSB	SSB-MT	2018	233,000	Both	-
TN	-	-	-	-	-
R	R-E00	2018	15,300,000	-	3
F	F-1/yr	2018	0.112	-	4 to 9
ER	ER-calc-ratio	2017	0.161	-	-
TC	TC-MT	2018	49,100		
TL	TL-MT	2017	49,200		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	F-1/yr/Fmsy-1/yr	2013	0.679		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2018	3.583		
F/Fmgt	F-1/yr/Fmgt-1/yr	2018	0.56		
ER/ERmgt	-	-	-		

Pollock Iceland Grounds [POLLIEG]

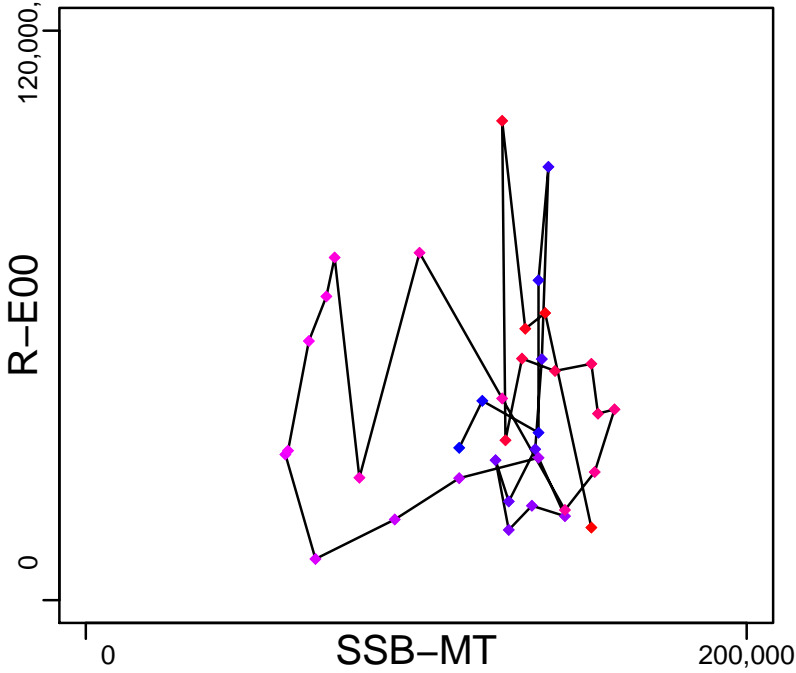
Kobe MSYpref (1977–2018–ICESIMP2018)



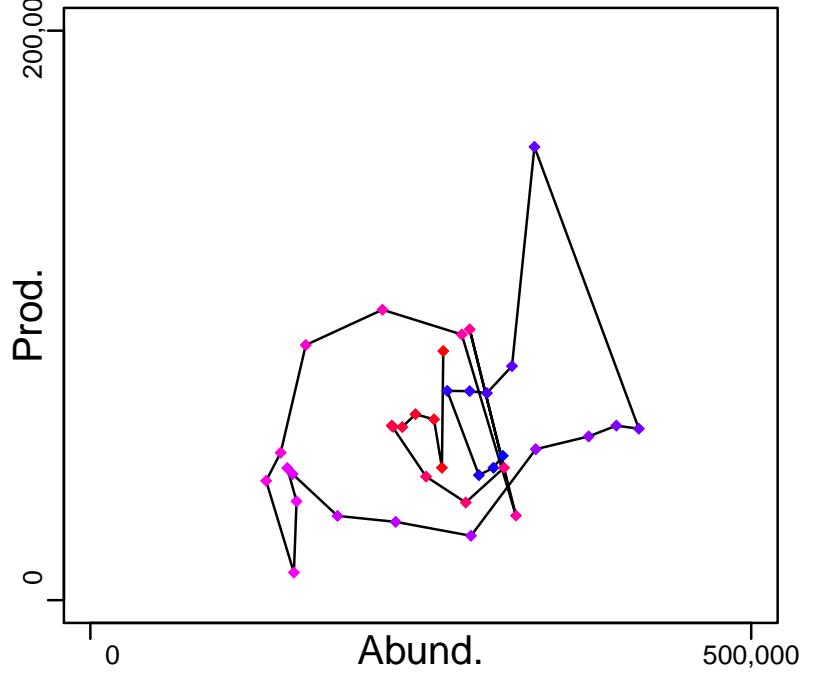
Kobe MGTpref (1977–2018–ICESIMP2018)



Spawner Recruit (1977–2018–ICESIMP2018)



Production (1980–2017–ICESIMP2018)

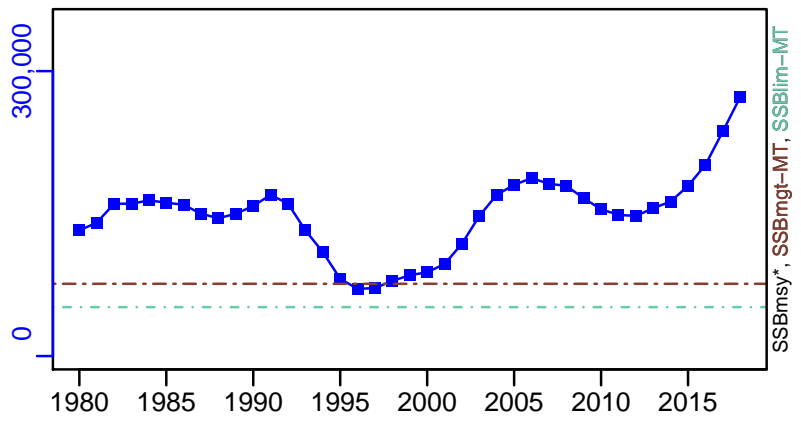
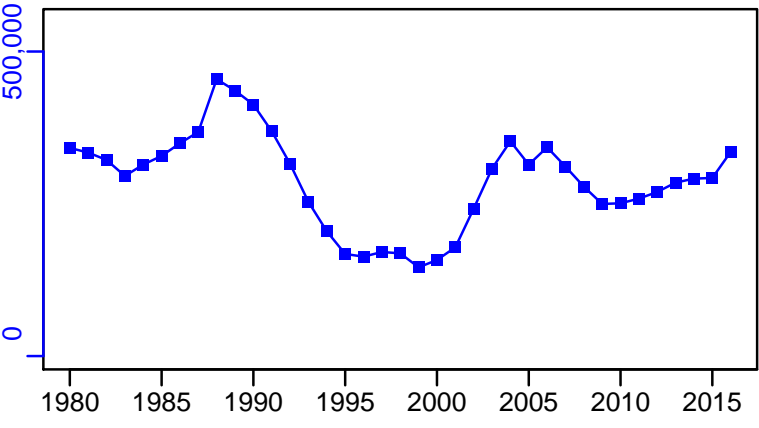


◆ Start Year ◆ End Year * No Data

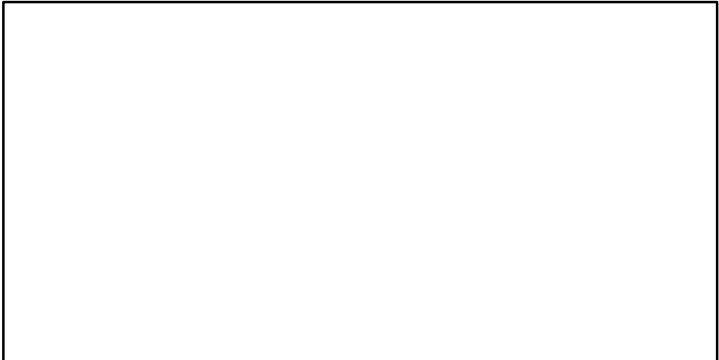
Pollock Iceland Grounds [POLLIEG]

TB-MT (1980-2017-ICESIMP2018)

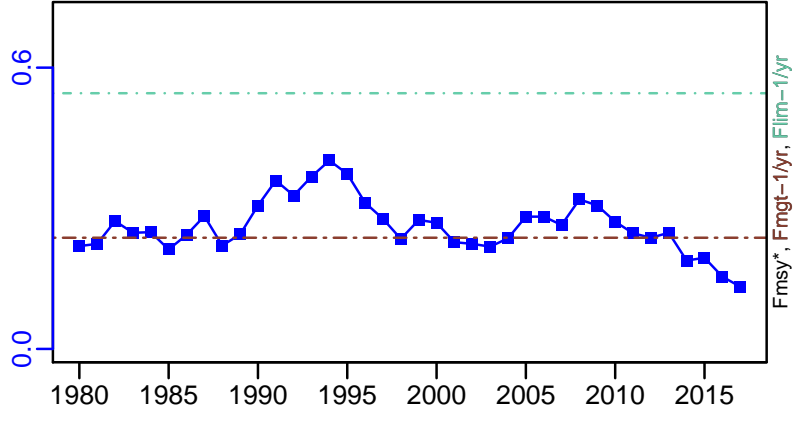
SSB-MT (1977-2018-ICESIMP2018)



TN *

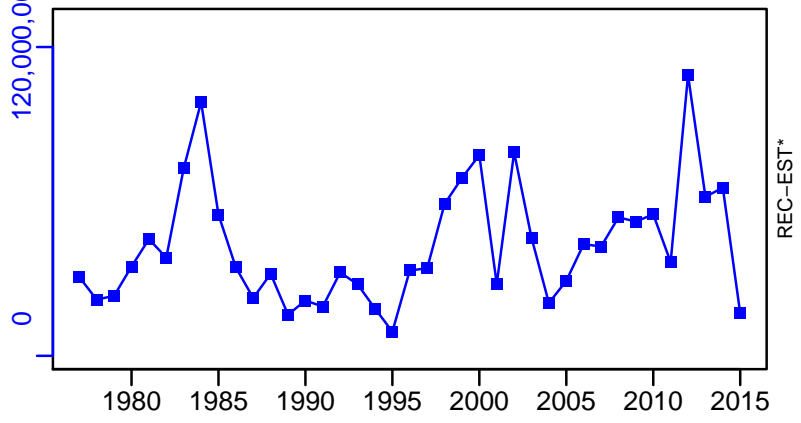
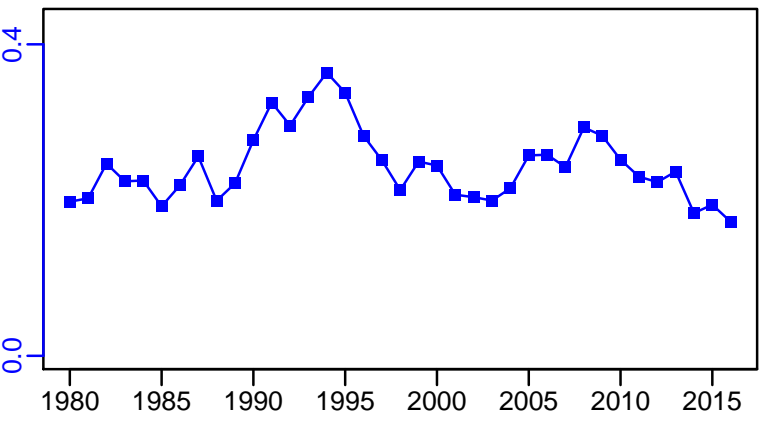


F-1/yr (1977-2018-ICESIMP2018)



ER-calc-ratio (1980-2017-ICESIMP2018)

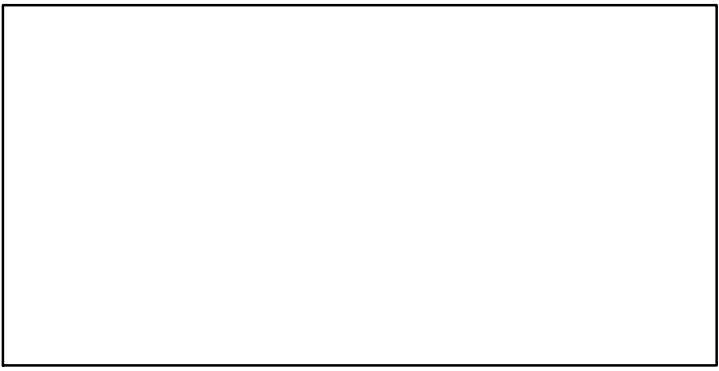
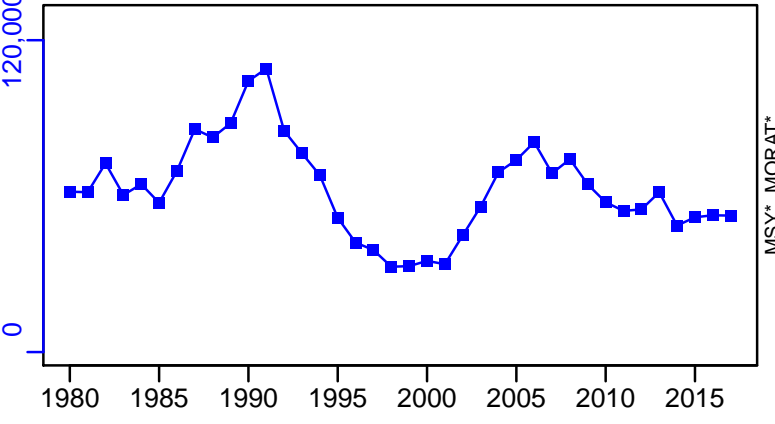
R-E00 (1977-2018-ICESIMP2018)



Pollock Iceland Grounds [POLLIEG]

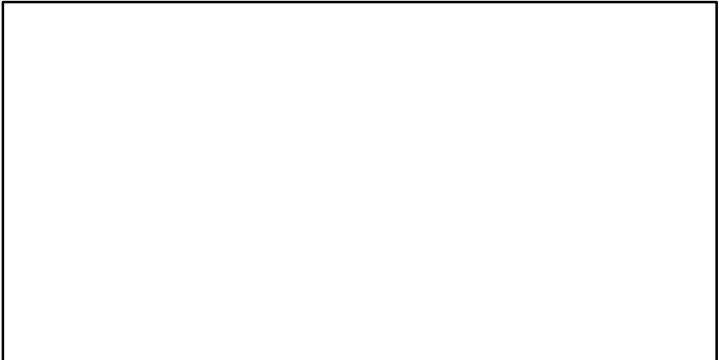
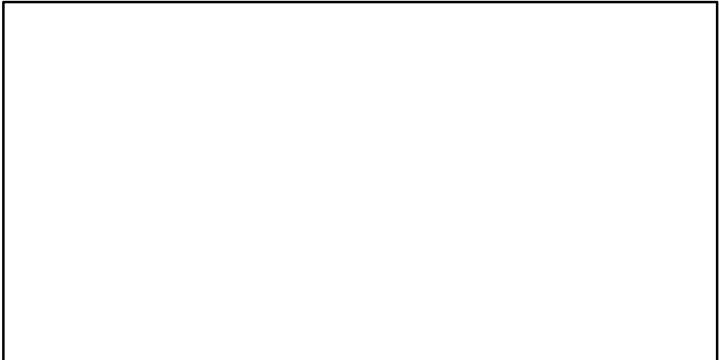
TC-MT, TL*, RecC* (1977-2018-ICESIMP2018)

TAC*, Cpair*, Cadv*



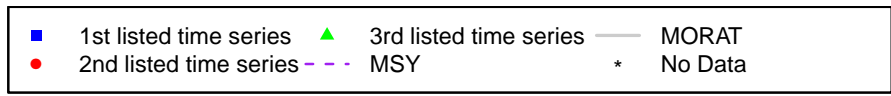
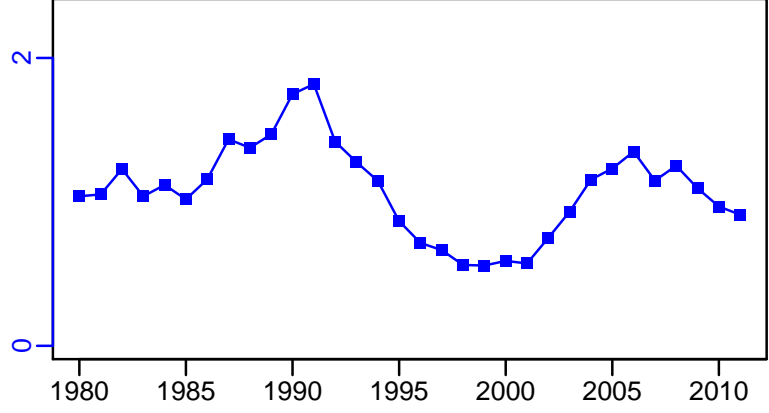
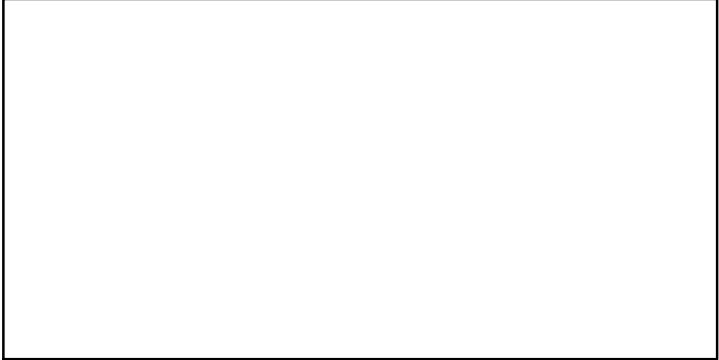
survB*

CPUE*



EFFORT*

CdivMSY-ratio (1977-2012-CHING)



Pollock Northeast Arctic [POLLNEAR]

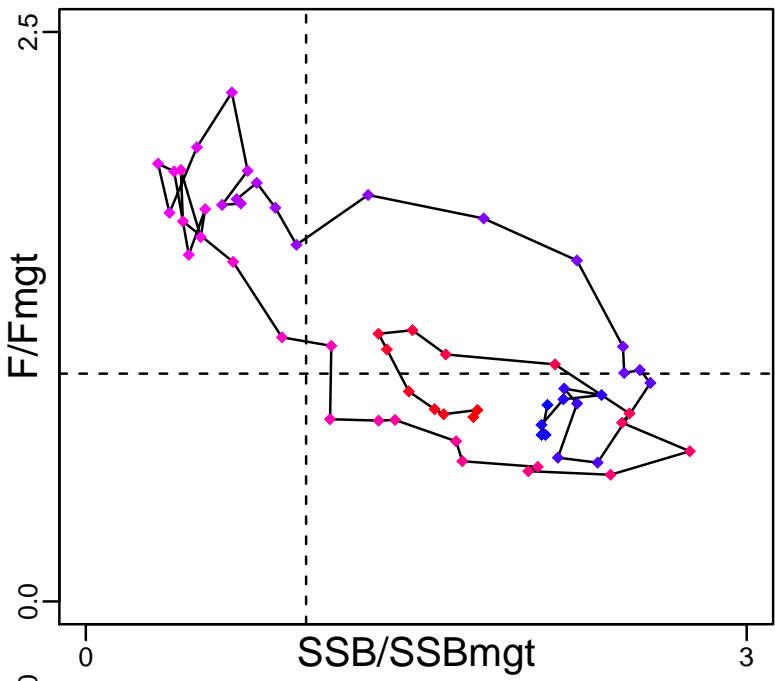
Metadata	
Scientific Name	Pollachius virens
Current Assess ID	AFWG-POLLNEAR-1957-2018-ICESIMP2018
Area	North-East Arctic
Management Authority	International Council for the Exploration of the Sea
Assessor	Arctic Fisheries Working Group
Asmts in RAM	2012, 2014, 2015, 2016, 2017, 2018

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

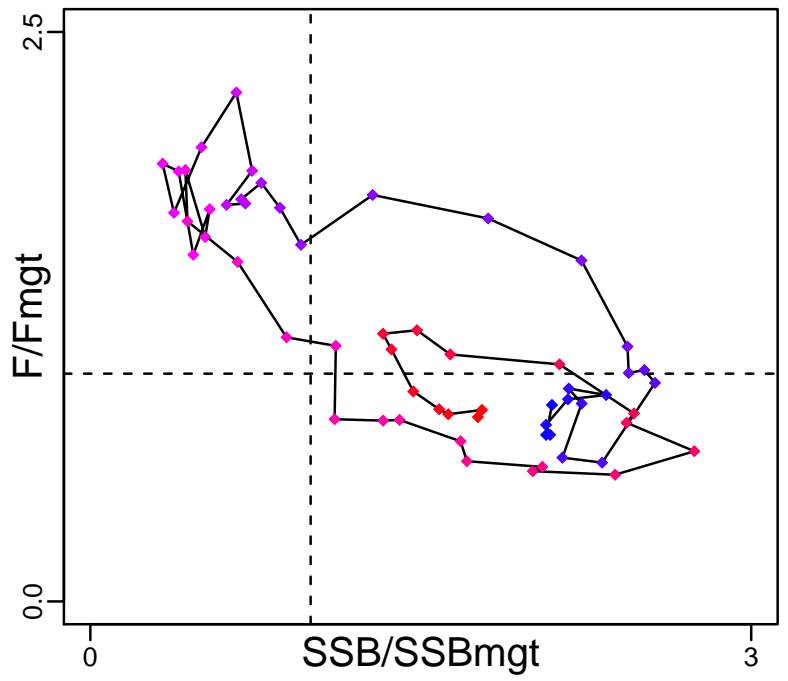
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	TB-MT	2018	714,000	Both	-
SSB	SSB-MT	2018	383,000	Both	-
TN	-	-	-	-	-
R	R-E00	2018	1.58×10^8	-	3
F	F-1/yr	2018	0.259	-	4 to 7
ER	ER-calc-ratio	2018	0.191	-	-
TC	TC-MT	2018	146,000		
TL	TL-MT	2018	146,000		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy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

Pollock Northeast Arctic [POLLNEAR]

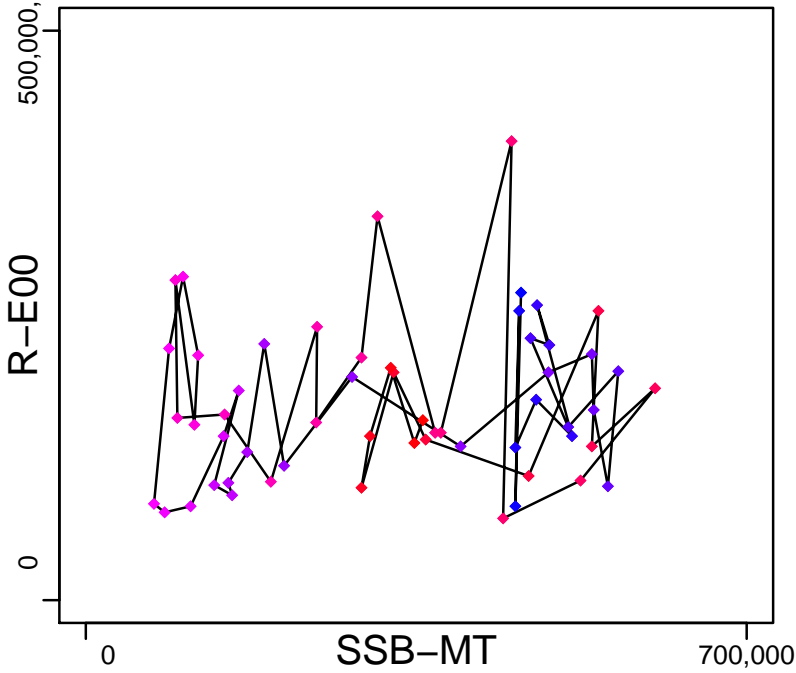
Kobe MSYpref (1957–2018–ICESIMP2018)



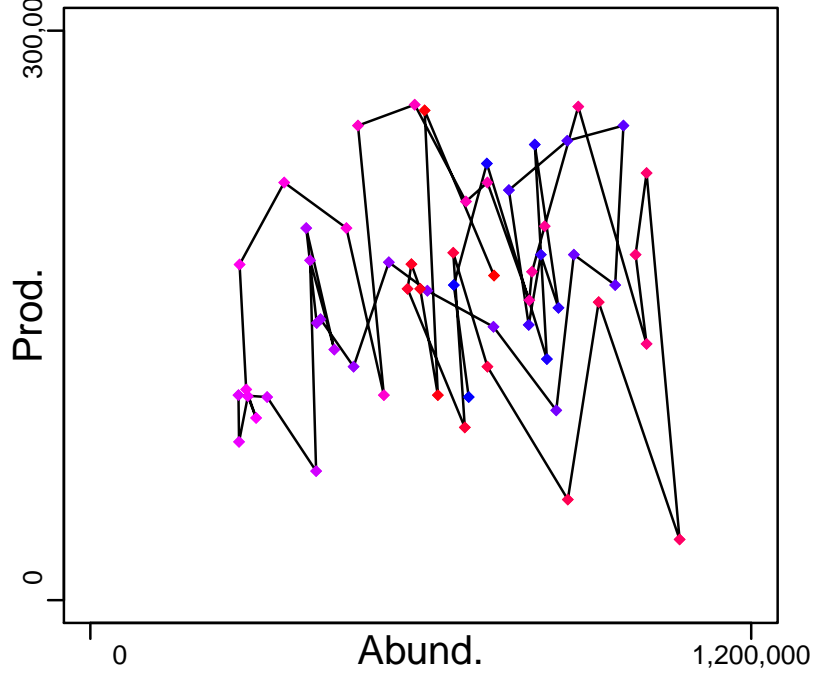
Kobe MGTpref (1957–2018–ICESIMP2018)



Spawner Recruit (1957–2018–ICESIMP2018)



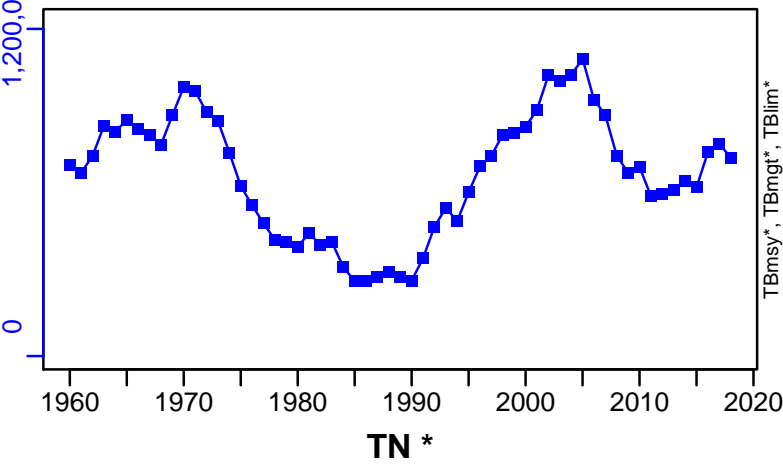
Production (1957–2018–ICESIMP2018)



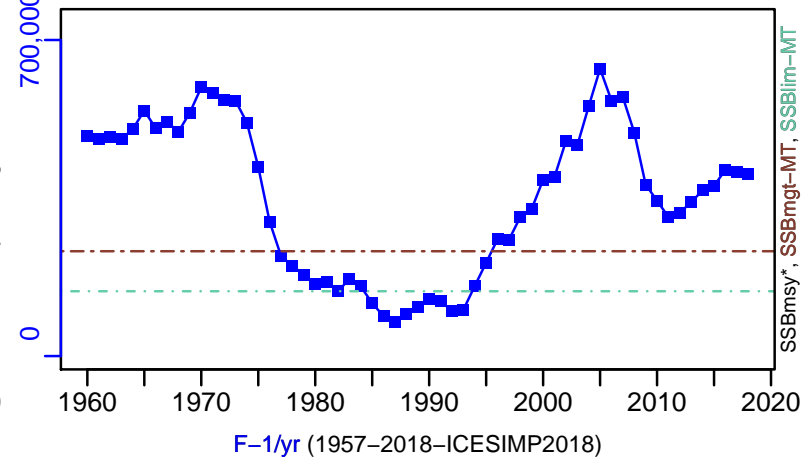
◆ Start Year ◆ End Year * No Data

Pollock Northeast Arctic [POLLNEAR]

TB-MT (1957-2018-ICESIMP2018)

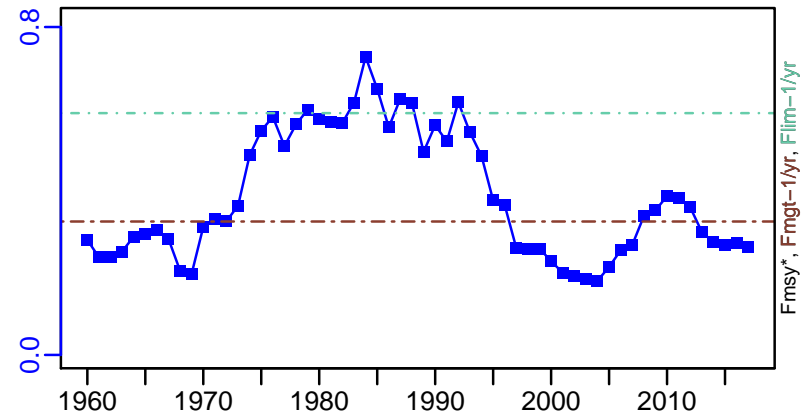
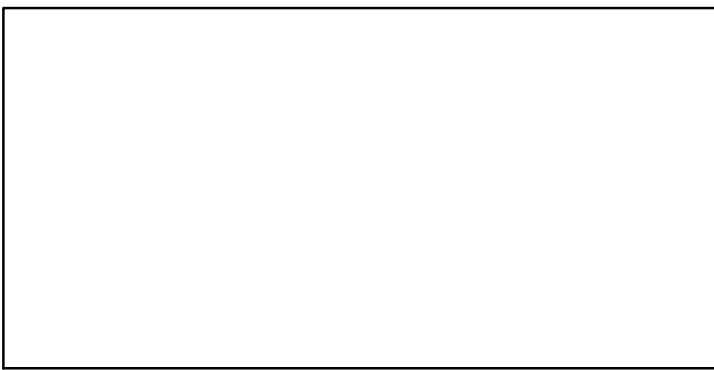


SSB-MT (1957-2018-ICESIMP2018)

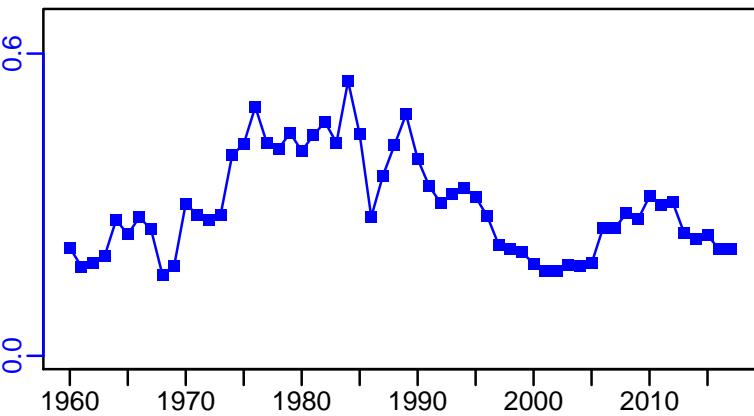


TN *

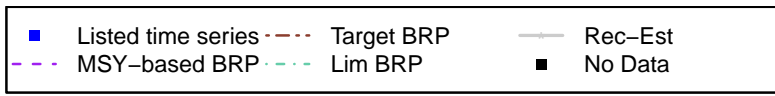
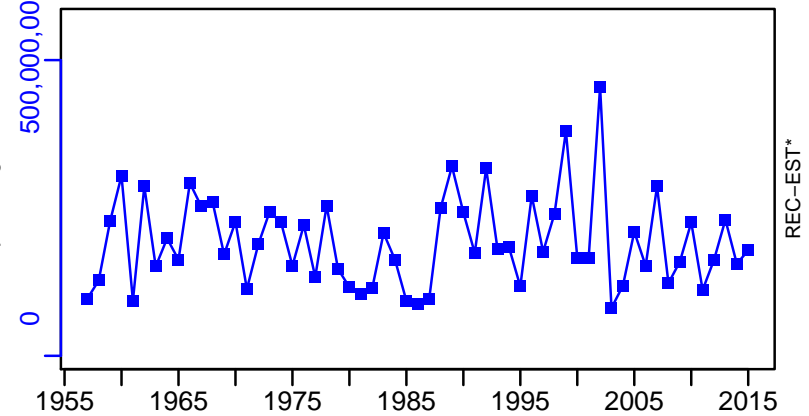
F-1/yr (1957-2018-ICESIMP2018)



ER-calc-ratio (1957-2018-ICESIMP2018)



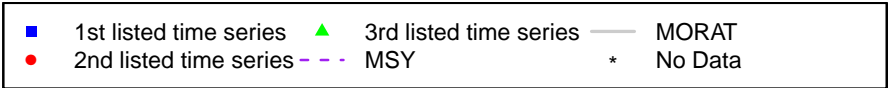
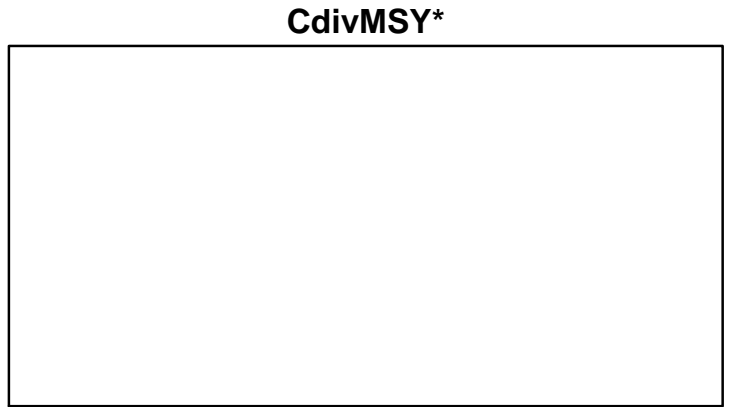
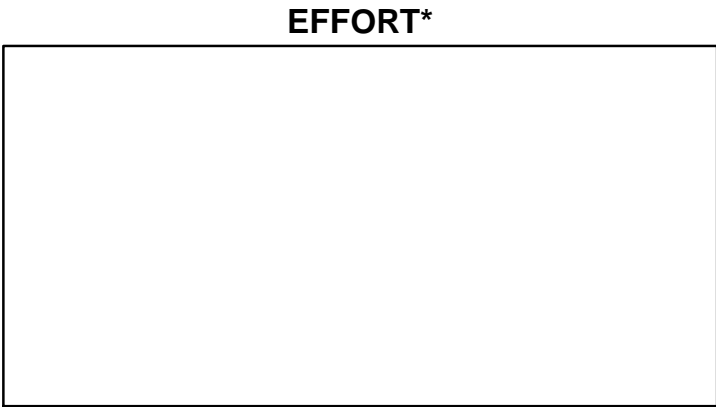
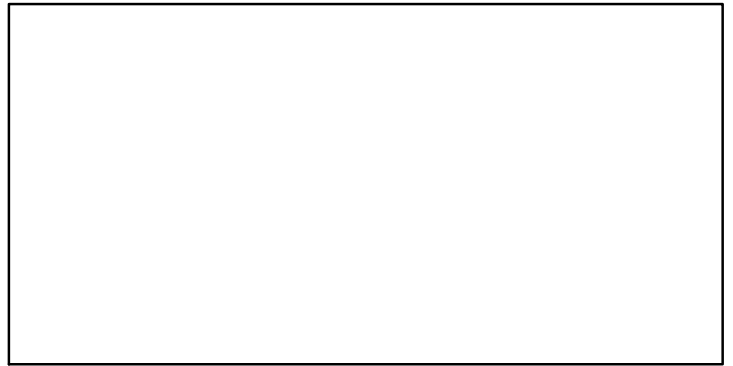
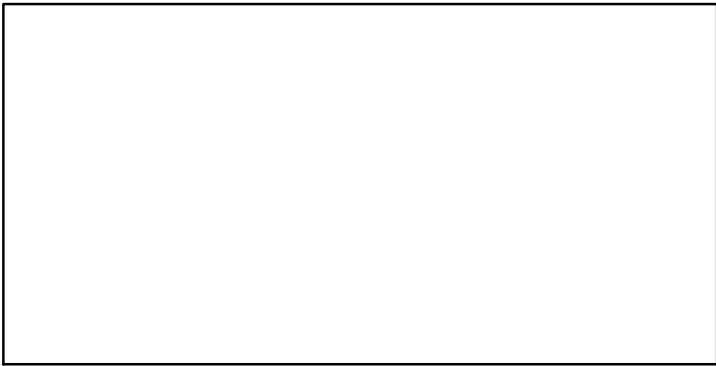
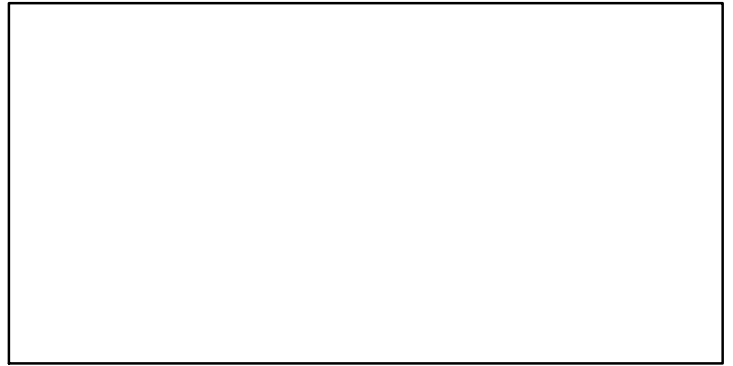
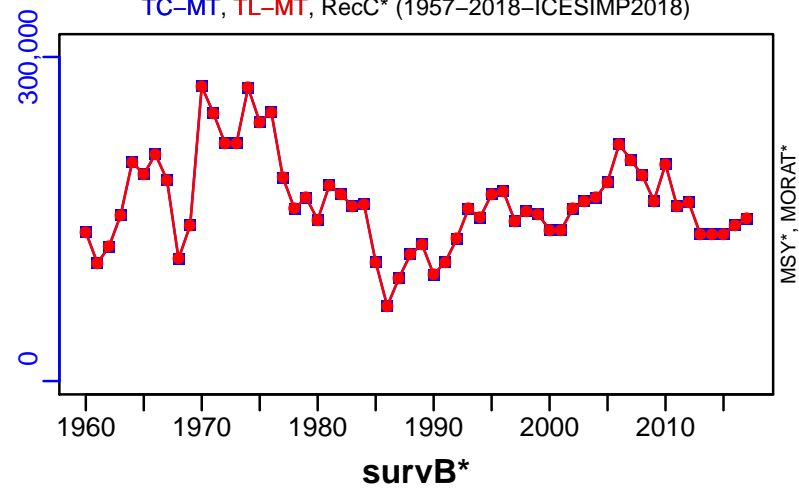
R-E00 (1957-2018-ICESIMP2018)



Pollock Northeast Arctic [POLLNEAR]

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

TAC*, Cpair*, Cadv*



**Beaked Redfish Areas V-XII-XIV and NAFO Subareas 1-2 (deep)
[REDDEEPDP-1-2-V-XII-XIV]**

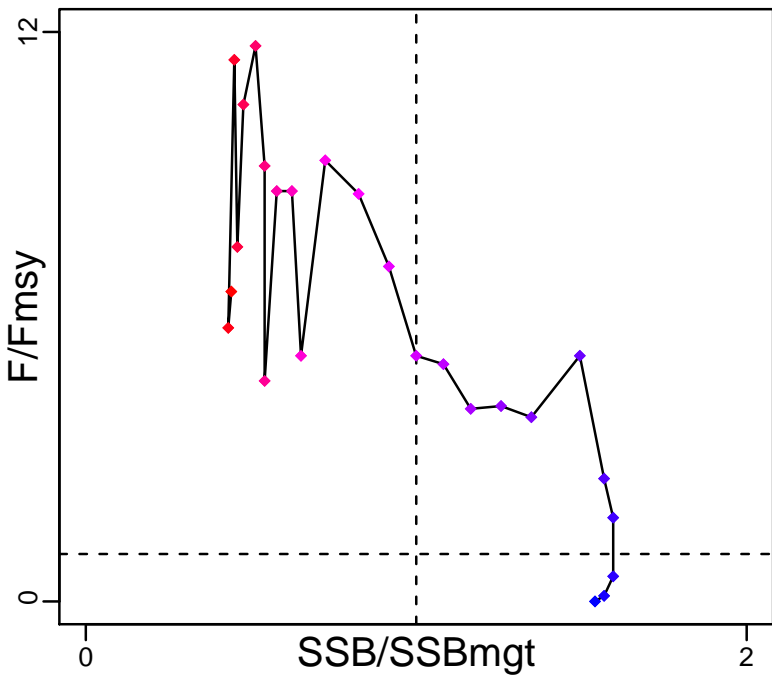
Metadata	
Scientific Name	Sebastes mentella
Current Assess ID	NWWG-REDDEEPDP-1-2-V-XII-XIV-1980-2016-ICESIMP2018
Area	Areas V-XII-XIV and NAFO Subareas 1-2 (deep)
Management Authority	International Council for the Exploration of the Sea
Assessor	North-Western Working Group
Asmts in RAM	2016

Reference Points			
Type	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	-	-	-
Fmsy	Fmsy-1/yr	2016	0.17
ERmsy	-	-	-
TBmgt	-	-	-
SSBmgt	SSBmgt-MT	2016	1.09
Fmgt	Fmgt-1/yr	2016	0.17
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	-	-	-
M	-	-	-
TBlim	-	-	-
SSBlim	SSBlim-MT	2016	0.779
Flim	Flim-1/yr	2016	0.24
ERlim	-	-	-

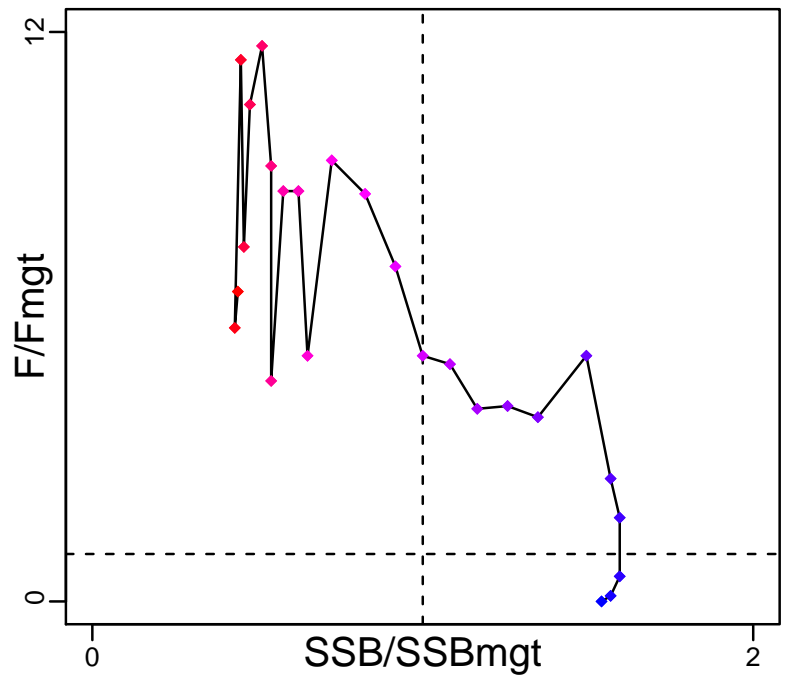
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	TB-MT	2016	0.53	Both	-
SSB	SSB-MT	2016	0.48	Both	-
TN	-	-	-	-	-
R	R-E00	2016	940,000	-	5
F	F-1/yr	2016	1.11	-	-
ER	ER-calc-ratio	2016	51,760	-	-
TC	TC-MT	2016	27,400		
TL	TL-MT	2016	27,400		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	F-1/yr/Fmsy-1/yr	2016	6.529		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2016	0.44		
F/Fmgt	F-1/yr/Fmgt-1/yr	2016	6.529		
ER/ERmgt	-	-	-		

Beaked Redfish Areas V–XII–XIV and NAFO Subareas 1–2 (deep) [REDDEEPDP–1–2–V–XII–XIV]

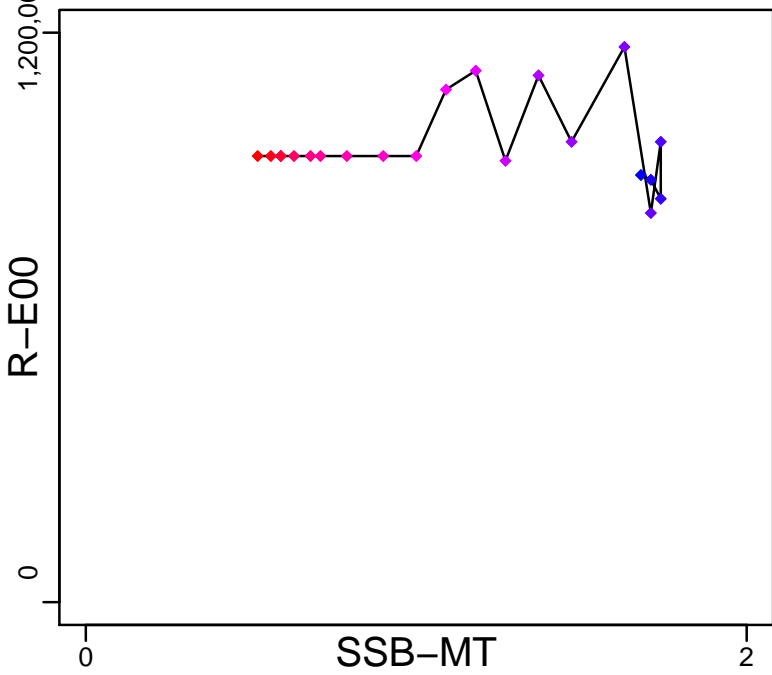
Kobe MSY_{pref} (1980–2016–ICESIMP2018)



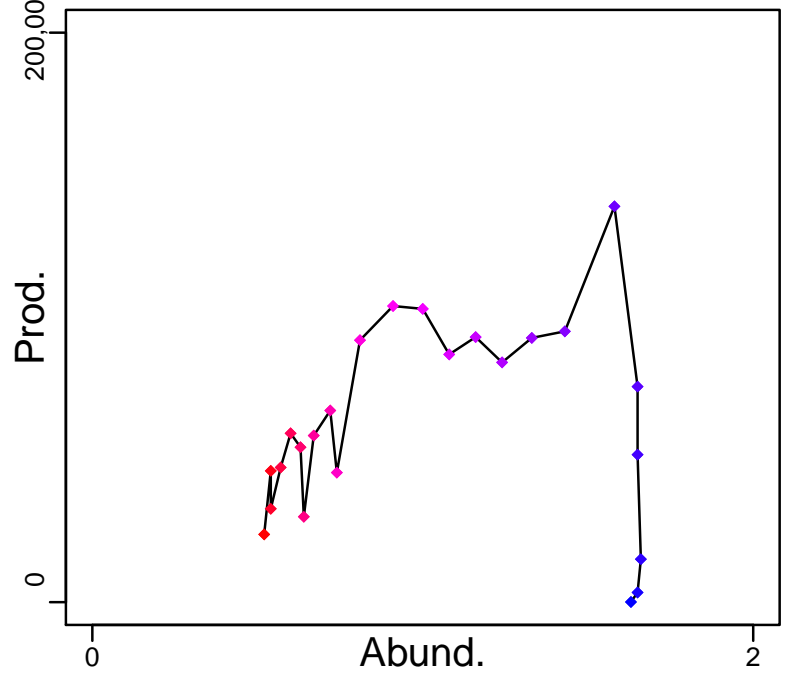
Kobe MGT_{pref} (1980–2016–ICESIMP2018)



Spawner Recruit (1980–2016–ICESIMP2018)



Production (1980–2016–ICESIMP2018)

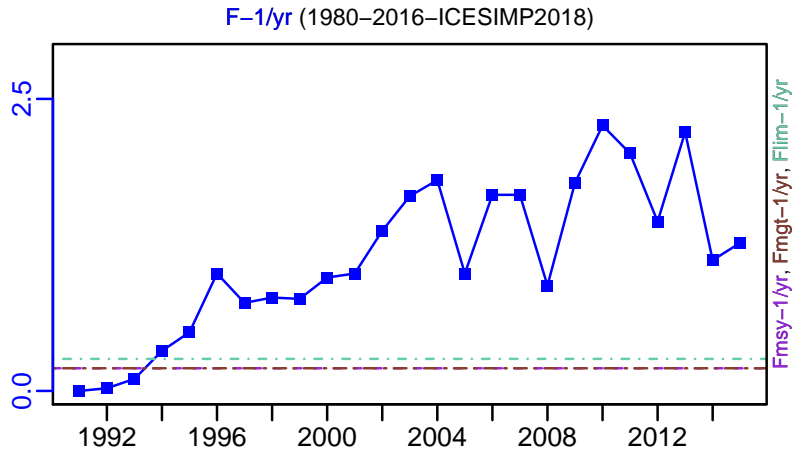
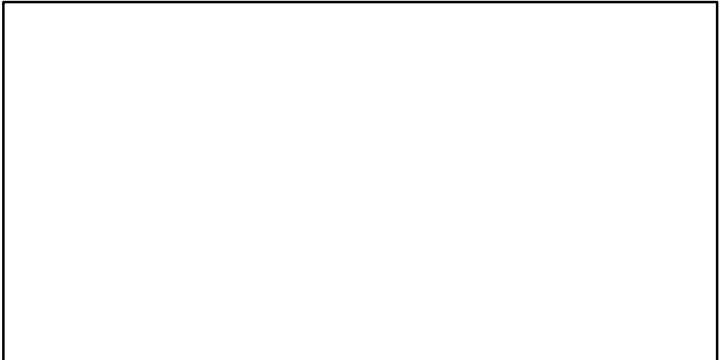
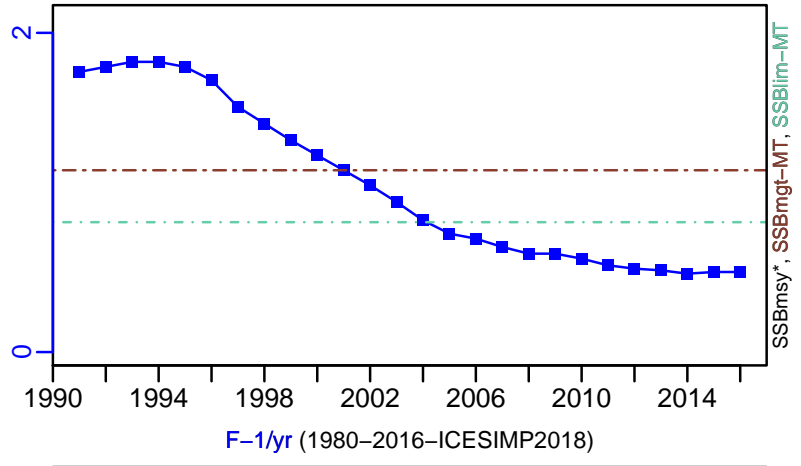
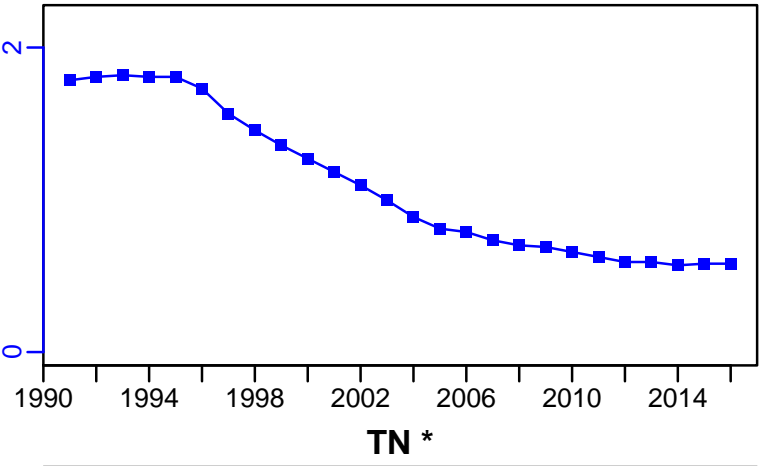


◆ Start Year ◆ End Year * No Data

Beaked Redfish Areas V–XII–XIV and NAFO Subareas 1–2 (deep) [REDDEEPDP–1–2–V–XII–XIV]

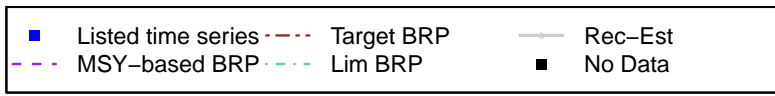
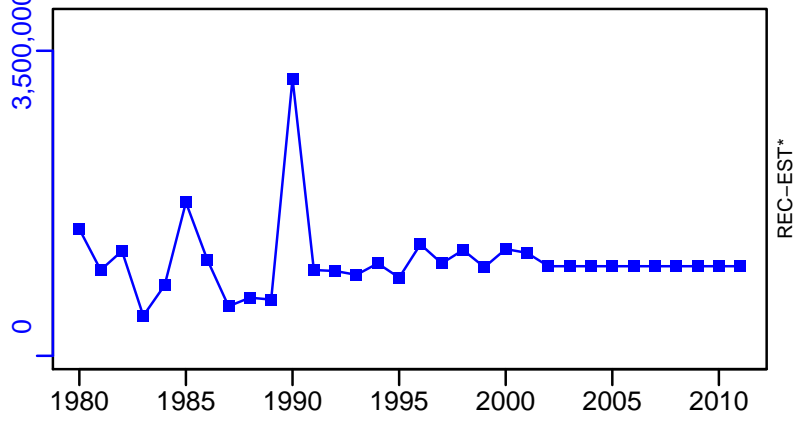
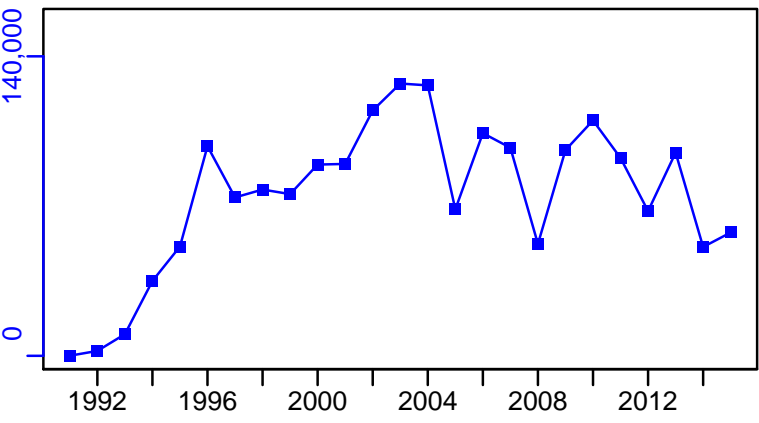
TB–MT (1980–2016–ICESIMP2018)

SSB–MT (1980–2016–ICESIMP2018)



ER–calc–ratio (1980–2016–ICESIMP2018)

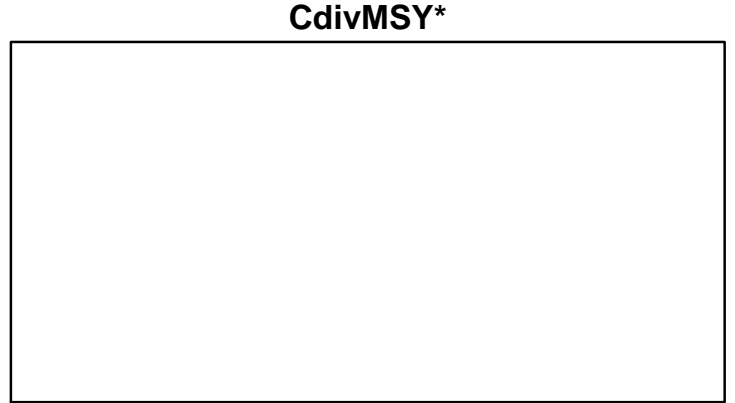
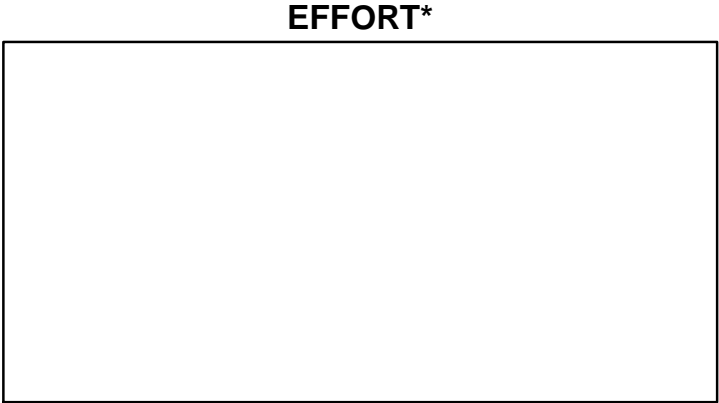
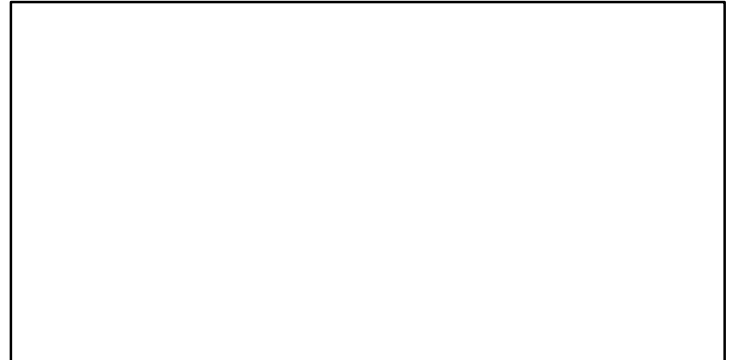
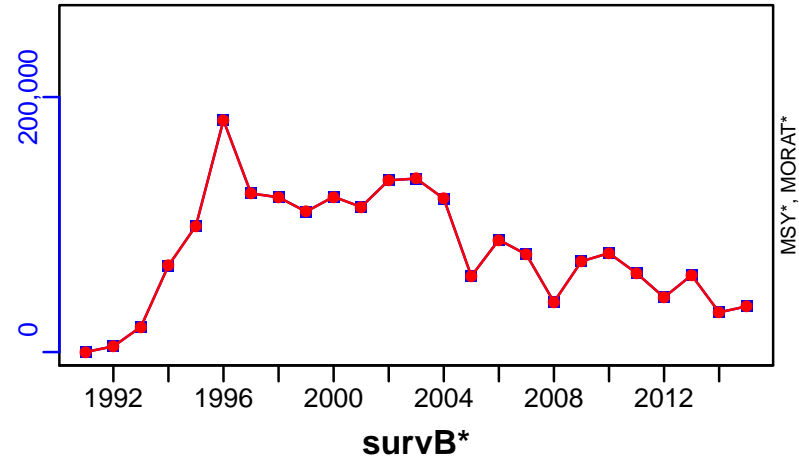
R–E00 (1980–2016–ICESIMP2018)



Beaked Redfish Areas V–XII–XIV and NAFO Subareas 1–2 (deep) [REDDEEPDP–1–2–V–XII–XIV]

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

TAC*, Cpair*, Cadv*



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

Deepwater Redfish Northeast Arctic [REDDEEPI-II]

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

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

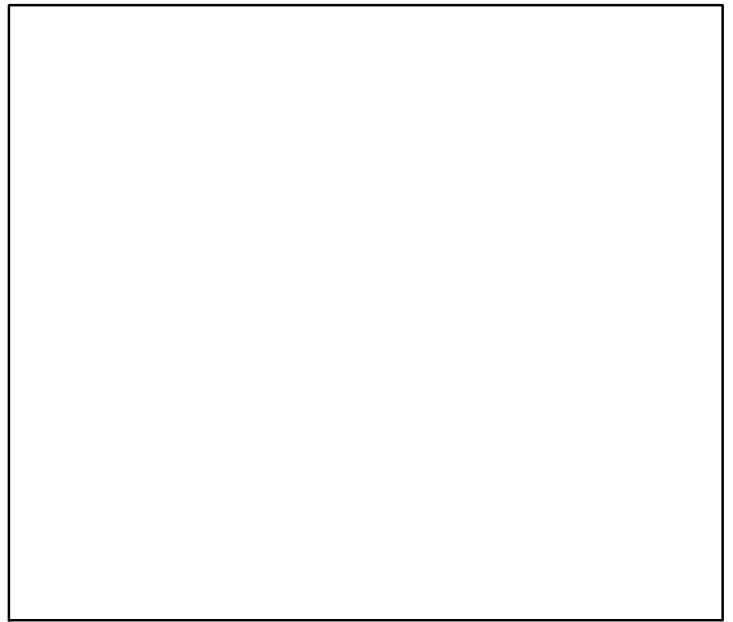
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	TB-MT	2016	1,260,000	Both	-
SSB	SSB-MT	2016	857,000	Both	-
TN	-	-	-	-	-
R	R-E00	2016	1.78×10^8	-	2
F	F-1/yr	2016	0.03	-	12 to 18
ER	ER-calc-ratio	2016	0.027	-	-
TC	-	-	-	-	-
TL	TL-MT	2016	34,000	-	-
TB/TBmsy	-	-	-	-	-
SSB/SSBmsy	-	-	-	-	-
F/Fmsy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

Deepwater Redfish Northeast Arctic [REDDEEPI-II]

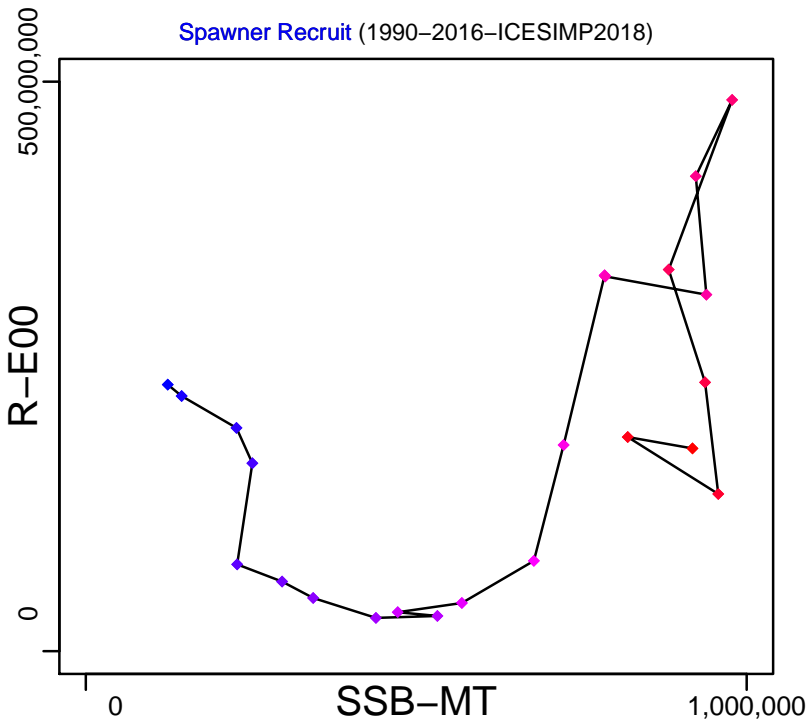
Kobe MSY*



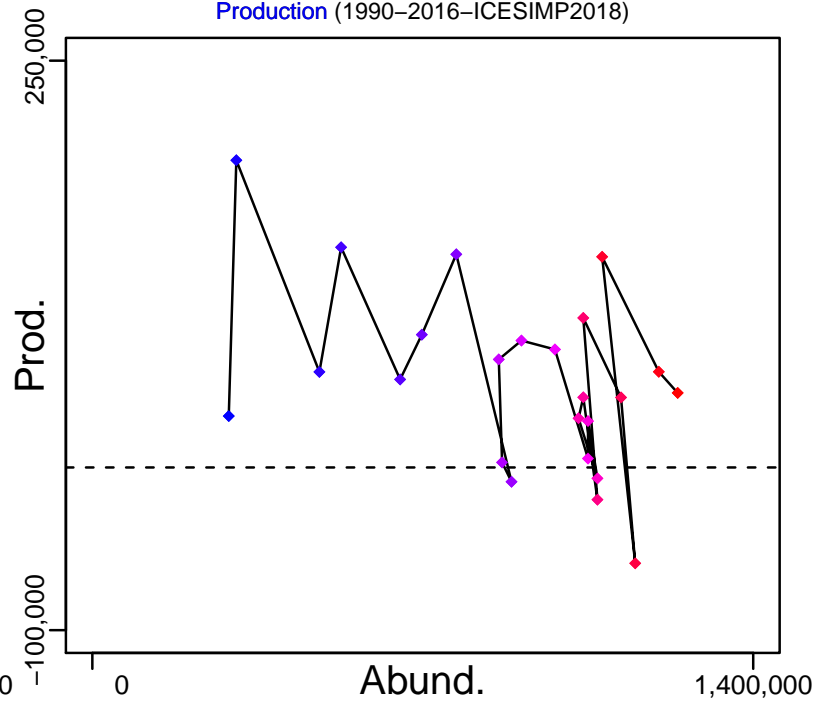
Kobe MGT*



Spawner Recruit (1990–2016–ICESIMP2018)



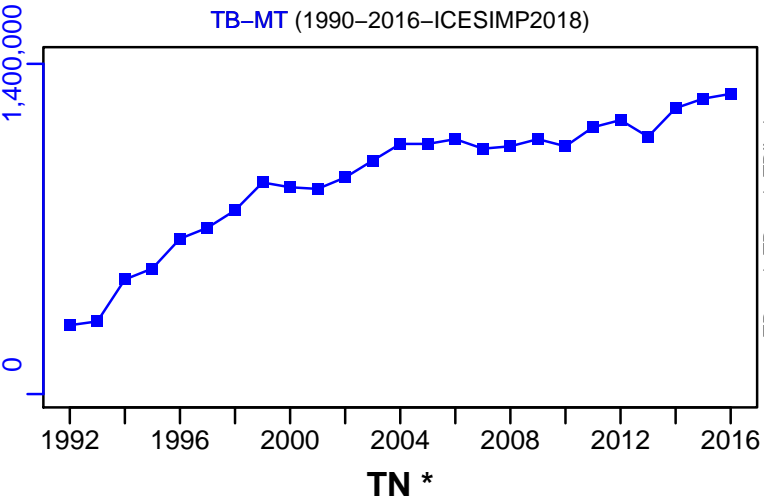
Production (1990–2016–ICESIMP2018)



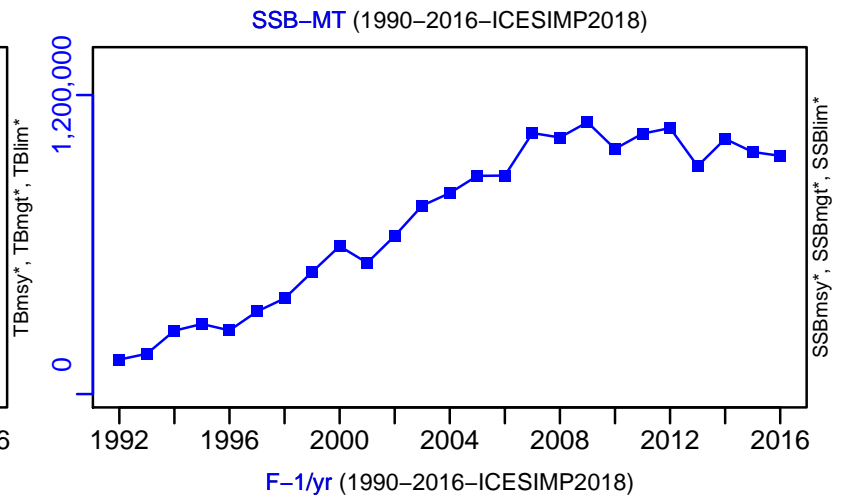
◆ Start Year ◆ End Year * No Data

Deepwater Redfish Northeast Arctic [REDDEEPI-II]

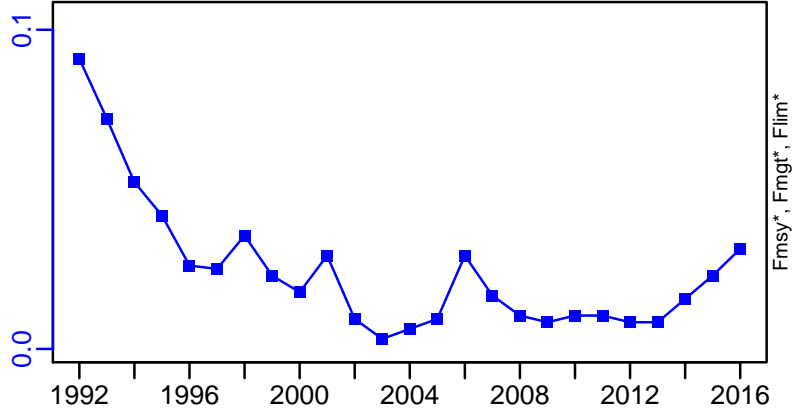
TB-MT (1990–2016–ICESIMP2018)



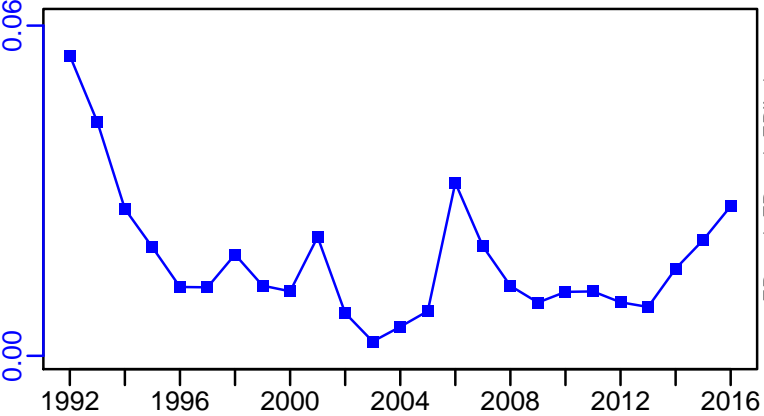
SSB-MT (1990–2016–ICESIMP2018)



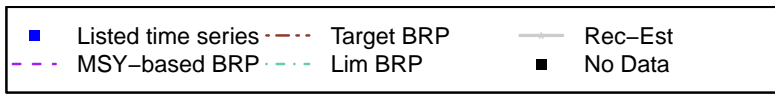
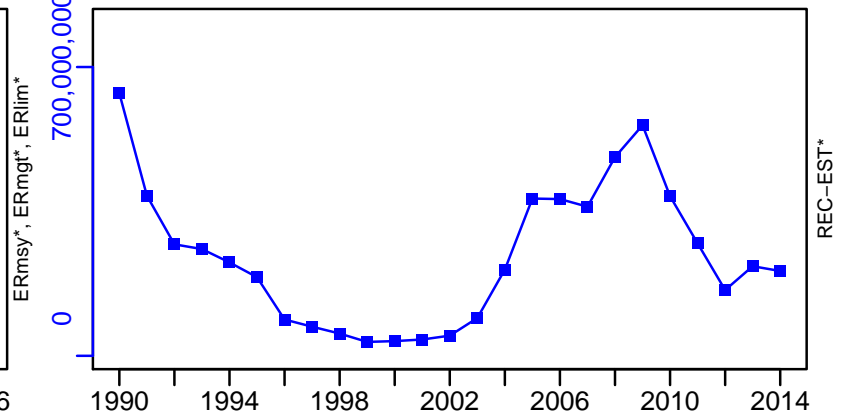
F-1/yr (1990–2016–ICESIMP2018)



ER-calc-ratio (1990–2016–ICESIMP2018)



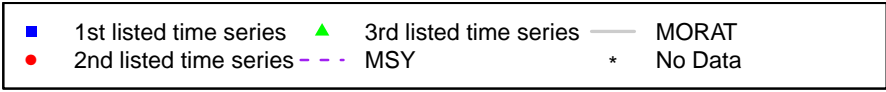
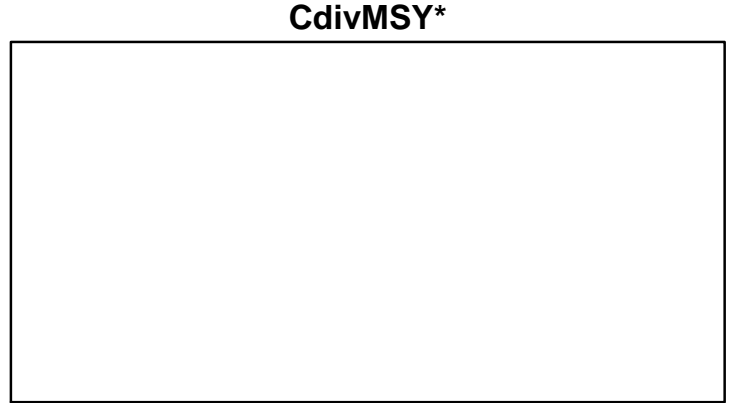
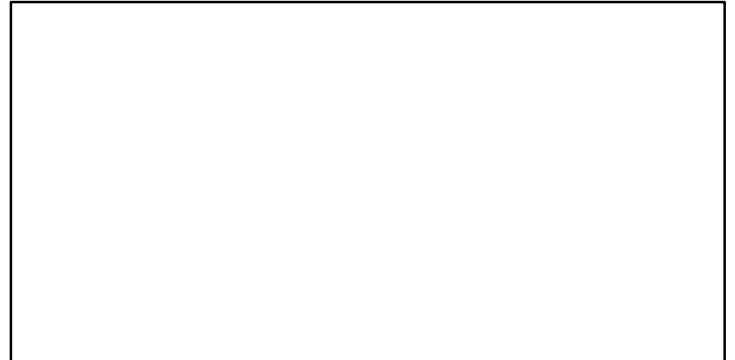
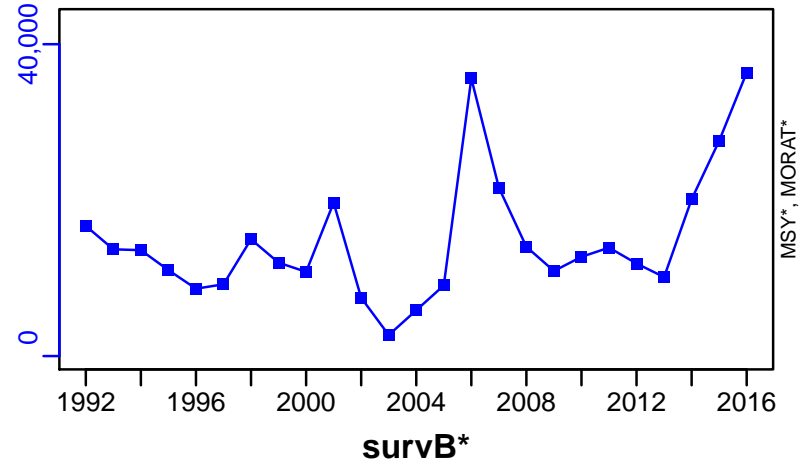
R-E00 (1990–2016–ICESIMP2018)



Deepwater Redfish Northeast Arctic [REDDEEPI-II]

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

TAC*, Cpair*, Cadv*



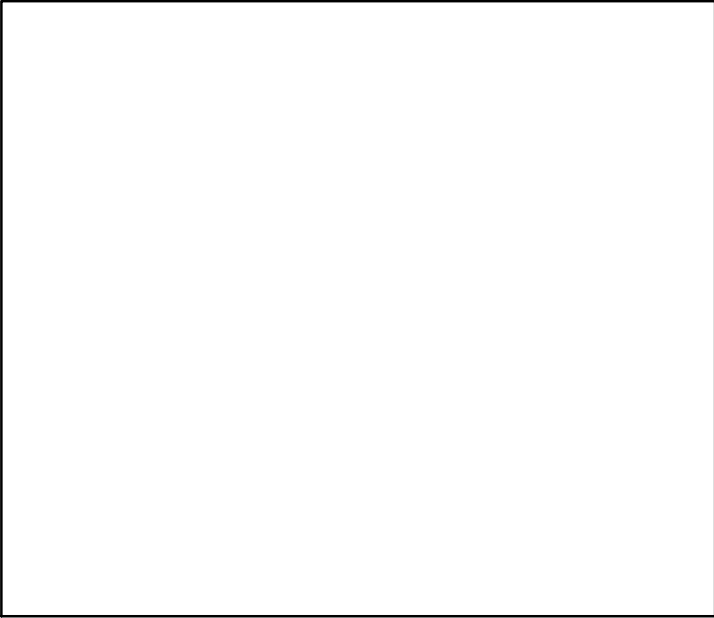
**Beaked Redfish Areas V-XII-XIV and NAFO Subareas 1-2 (shallow)
[REDDEEPSH1-2-V-XII-XIV]**

Metadata	
Scientific Name	Sebastes mentella
Current Assess ID	NWWG-REDDEEPSH1-2-V-XII-XIV-1982-2016-ICESIMP2016
Area	Areas V-XII-XIV and NAFO Subareas 1-2 (shallow)
Management Authority	International Council for the Exploration of the Sea
Assessor	North-Western Working Group
Asmts in RAM	2016

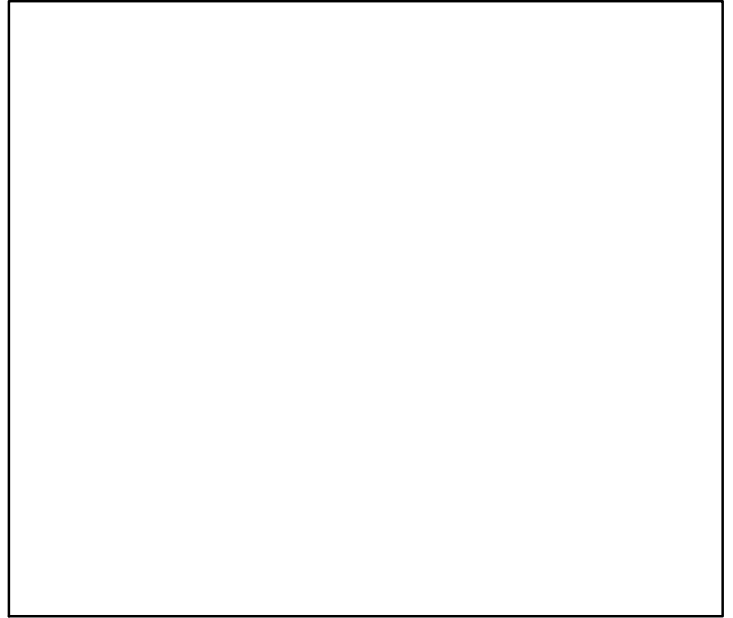
Reference Points			
Type	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	-	-	-
Fmsy	-	-	-
ERmsy	-	-	-
TBmgt	-	-	-
SSBmgt	-	-	-
Fmgt	-	-	-
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	-	-	-
M	-	-	-
TBlim	-	-	-
SSBlim	-	-	-
Flim	-	-	-
ERlim	-	-	-

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

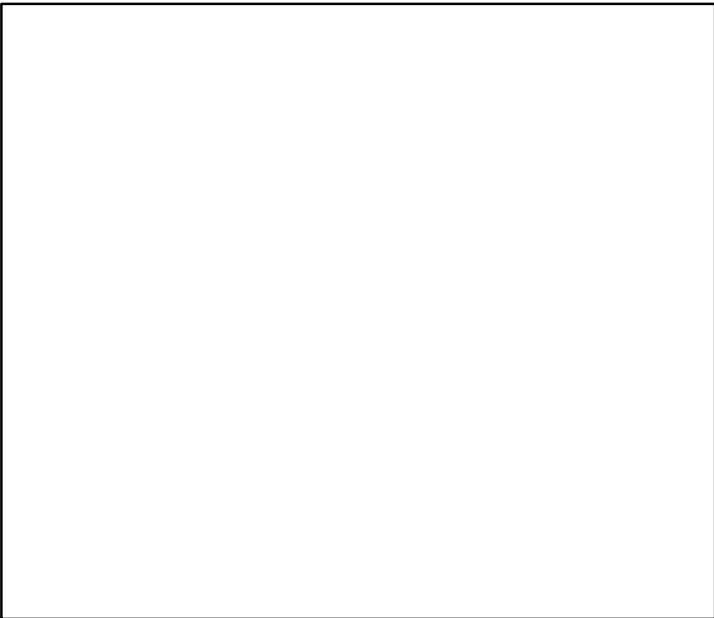
Kobe MSY*



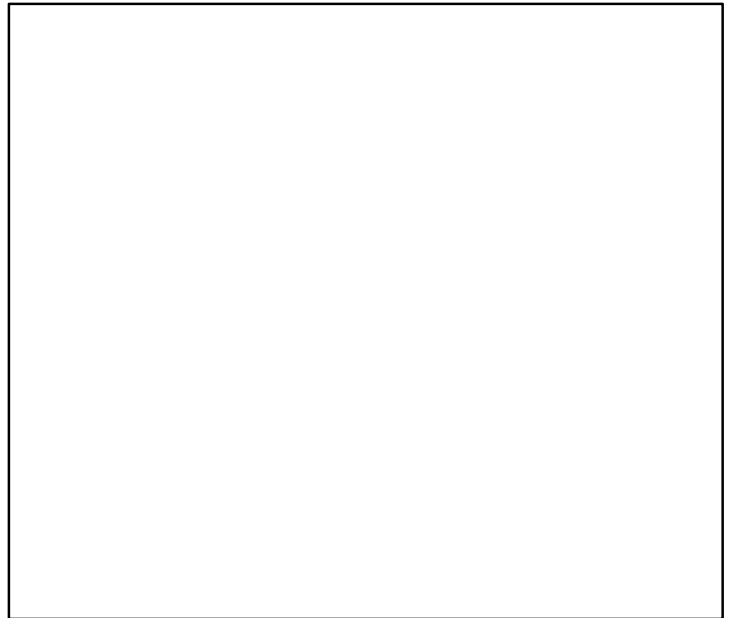
Kobe MGT*



Spawner Recruit*



Production*



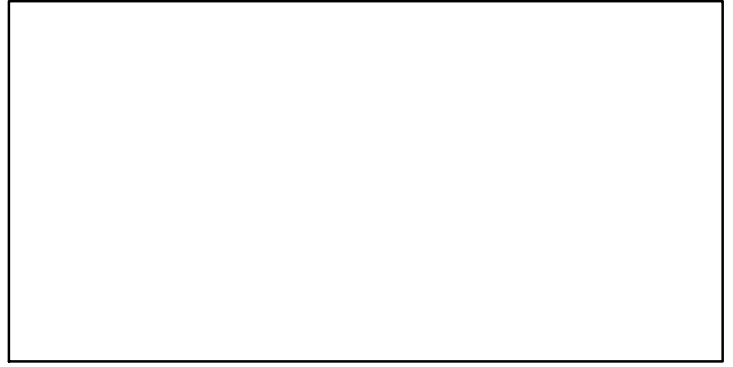
◆ Start Year ◆ End Year * No Data

Beaked Redfish Areas V–XII–XIV and NAFO Subareas 1–2 (shallow) [REDDEEPSH1–2–V–XII–XIV]

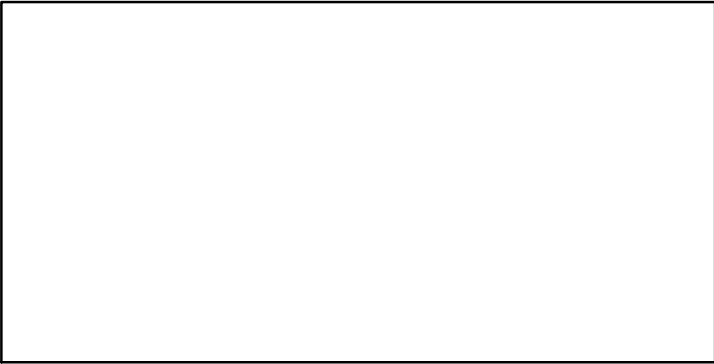
TB*



SSB*



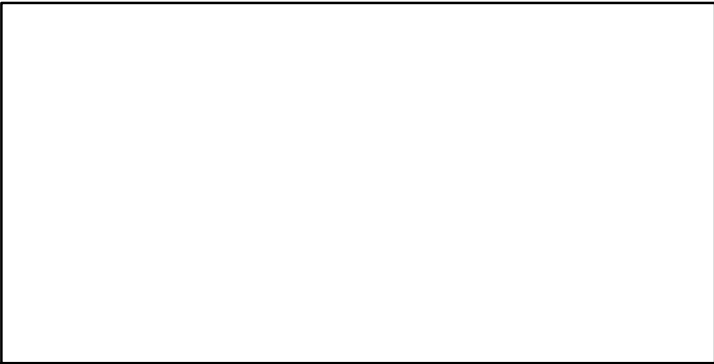
TN *



F*



ER*



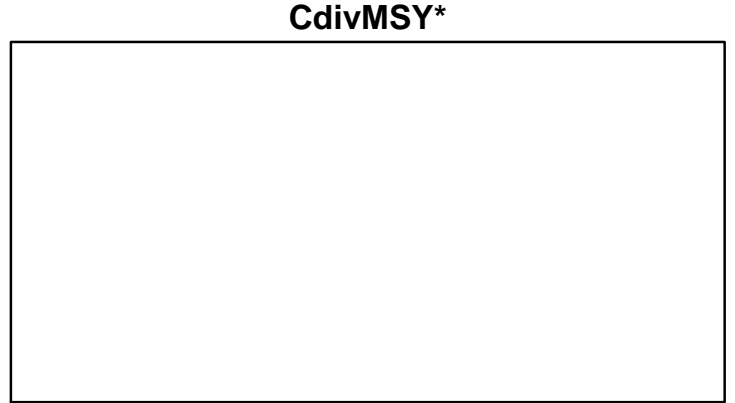
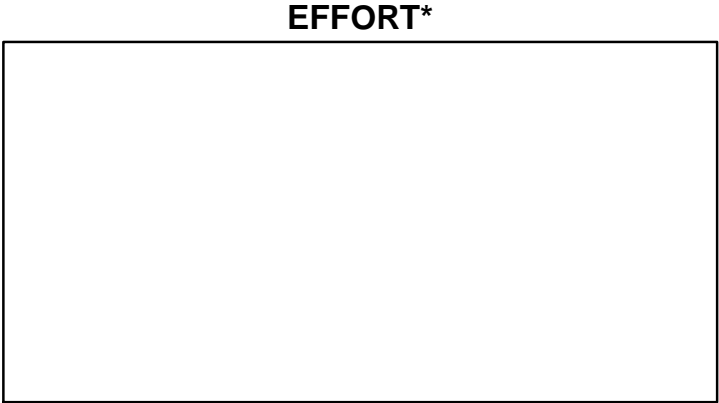
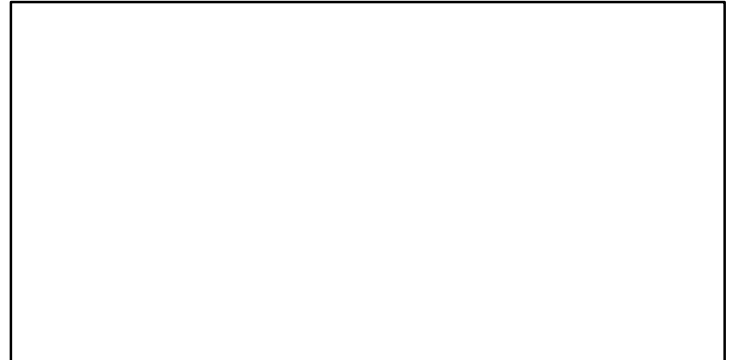
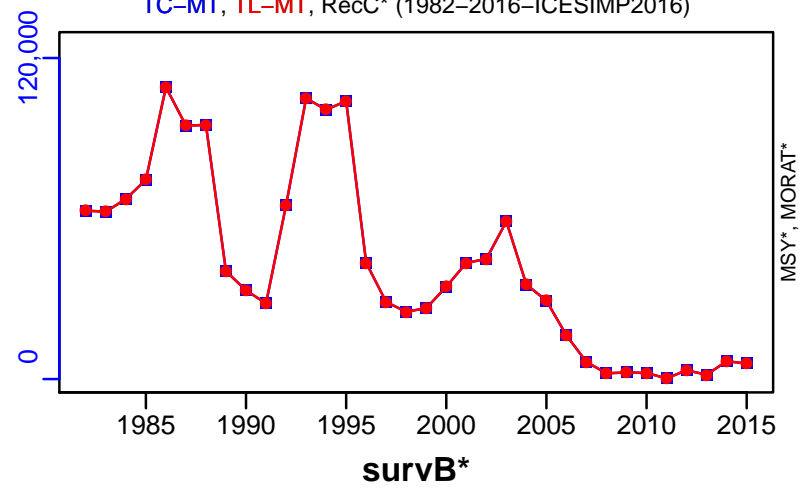
Recruits*



Beaked Redfish Areas V–XII–XIV and NAFO Subareas 1–2 (shallow) [REDDEEPSH1–2–V–XII–XIV]

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

TAC*, Cpair*, Cadv*



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

Beaked Redfish Va and XIV [REDDEEPVa-XIV]

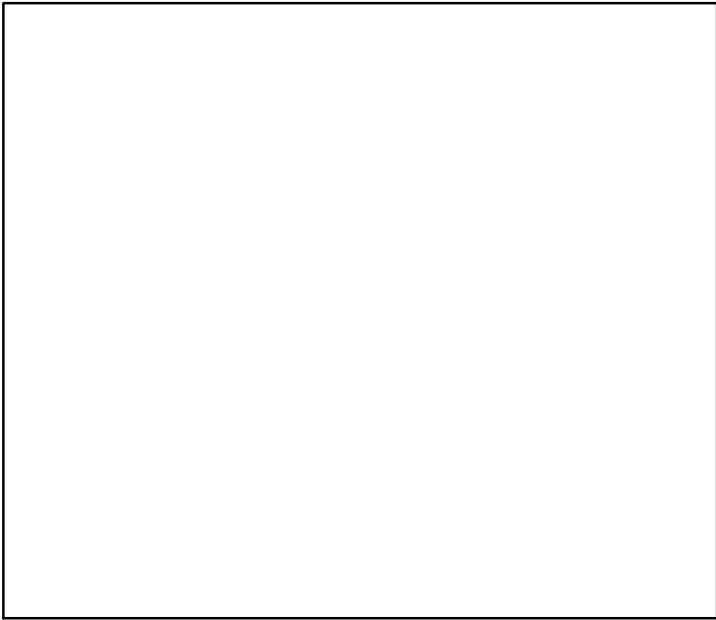
Metadata	
Scientific Name	Sebastes mentella
Current Assess ID	NWWG-REDDEEPVa-XIV-1978-2017-ICESIMP2018
Area	Va and XIV
Management Authority	International Council for the Exploration of the Sea
Assessor	North-Western Working Group
Asmts in RAM	2016, 2016, 2017

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

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

Beaked Redfish Va and XIV [REDDEEPVa-XIV]

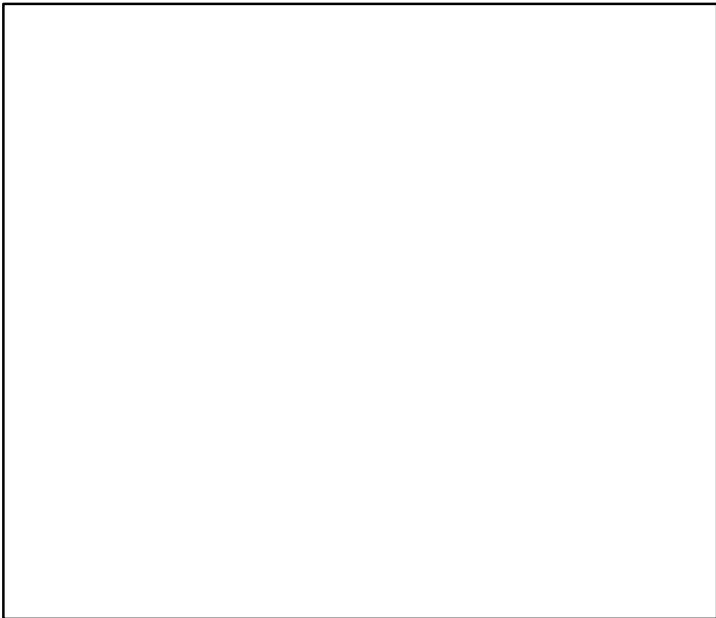
Kobe MSY*



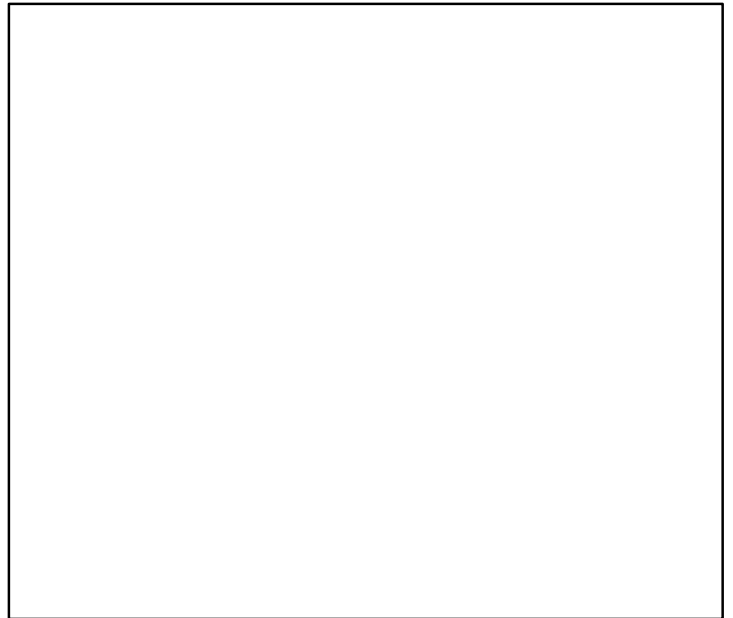
Kobe MGT*



Spawner Recruit*



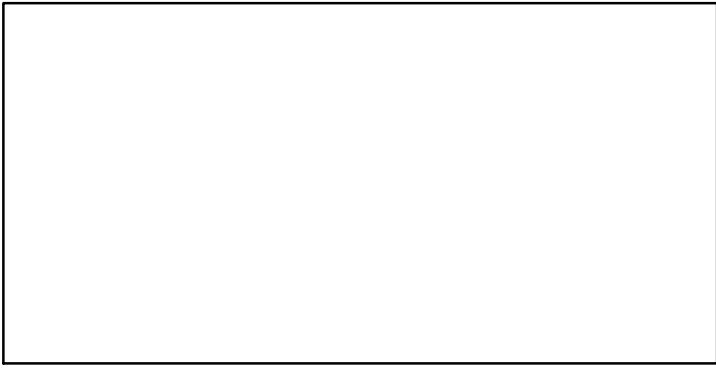
Production*



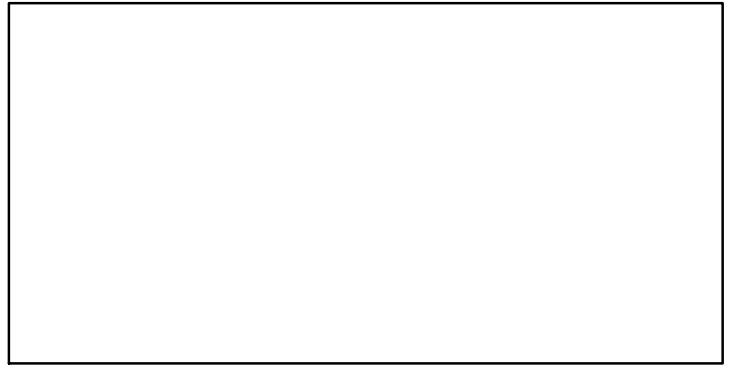
◆ Start Year ◆ End Year * No Data

Beaked Redfish Va and XIV [REDDEEPVa-XIV]

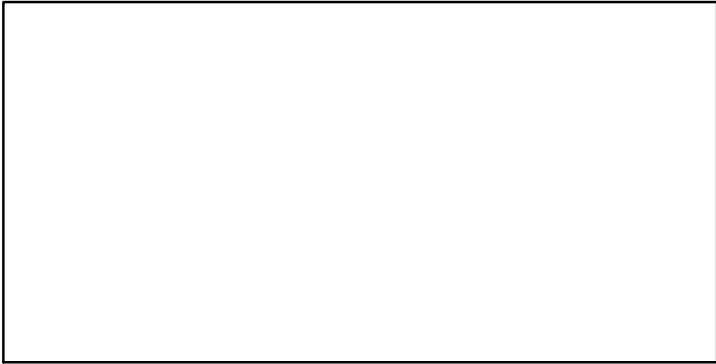
TB*



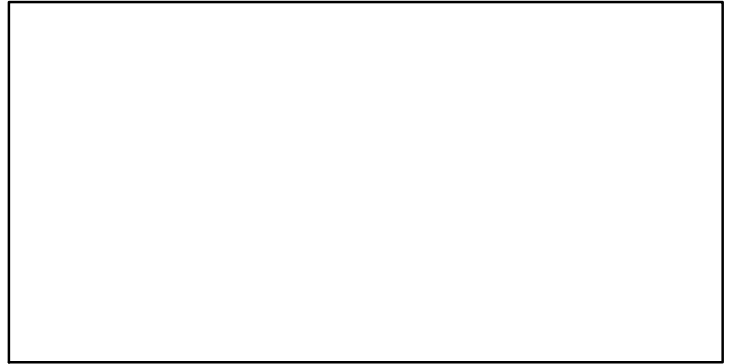
SSB*



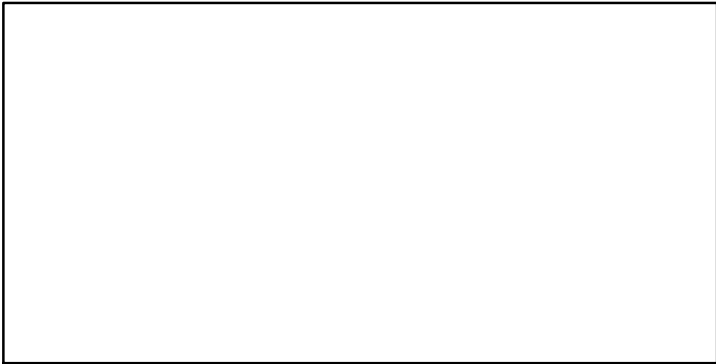
TN *



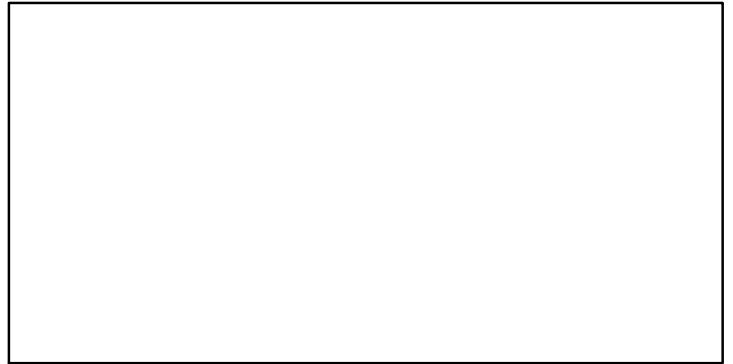
F*



ER*



Recruits*



Beaked Redfish Va and XIV [REDDEEPVa-XIV]

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

TAC*, Cpair*, Cadv*

