

Europe non EU Stocks

v4.41 (Aug-21-2018)

Not present Present Preferred

Stock	B/Bmsy	Time Series Types			
		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. CODICE [Atlantic cod Iceland]	TB SSB	ER F	TB SSB	ER F	
9. CODNEAR [Atlantic cod Northeast Arctic]	TB SSB	ER F	TB SSB	ER F	
10. CODNEARNCW [Atlantic cod Northeast Arctic (Norwegian coastal waters)]	TB SSB	ER F	TB SSB	ER F	
11. GHALNEAR [Greenland halibut Northeast Arctic]	TB SSB	ER F	TB SSB	ER F	
12. GOLDREDNEAR [Golden Redfish Northeast Arctic]	TB SSB	ER F	TB SSB	ER F	
13. GSSMELTVa-XIV [Greater silver smelt Va and XIV]	TB SSB	ER F	TB SSB	ER F	
14. HADFAPL [Haddock Faroe Plateau]	TB SSB	ER F	TB SSB	ER F	
15. HADICE [Haddock Iceland]	TB SSB	ER F	TB SSB	ER F	
16. HADNEAR [Haddock Northeast Arctic]	TB SSB	ER F	TB SSB	ER F	
17. HERRIsum [Herring Iceland (Summer spawners)]	TB SSB	ER F	TB SSB	ER F	
18. HERRNORSS [Norwegian Spring Spawning Herring]	TB SSB	ER F	TB SSB	ER F	
19. PANDALI-II [Northern shrimp North-East Arctic]	TB SSB	ER F	TB SSB	ER F	
20. POLLFAPL [Pollock Faroe Plateau]	TB SSB	ER F	TB SSB	ER F	
21. POLLIEG [Pollock Iceland Grounds]	TB SSB	ER F	TB SSB	ER F	
22. POLLNEAR [Pollock Northeast Arctic]	TB SSB	ER F	TB SSB	ER F	
23. REDDEEPI-II [Deepwater Redfish Northeast Arctic]	TB SSB	ER F	TB SSB	ER F	
24. REDDEEPSH1-2-V-XII-XIV [Beaked Redfish Areas V-XII-XIV and NAFO Subareas 1-2]	TB SSB	ER F	TB SSB	ER F	
25. 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-2000-2016-ICESIMP2016
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

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	1810		
TL	TL-MT	2016	1810		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

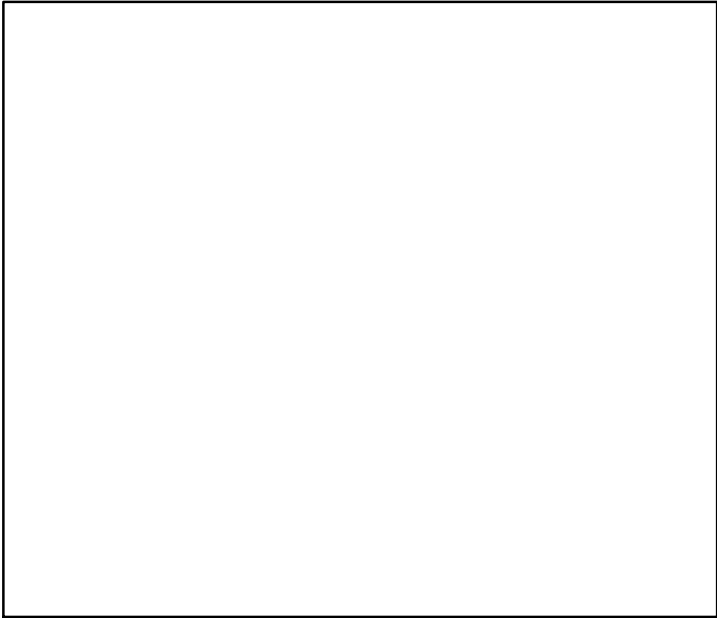
Kobe MSY*



Kobe MGT*



Spawner Recruit*



Production*



◆ Start Year ◆ End Year * No Data

Blue ling Va and XIV [BLINGVa–XIV]

TB*



SSB*



TN *



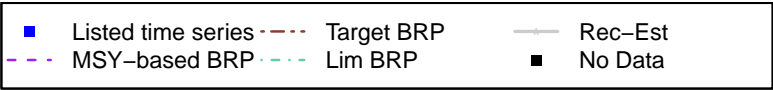
F*



ER*

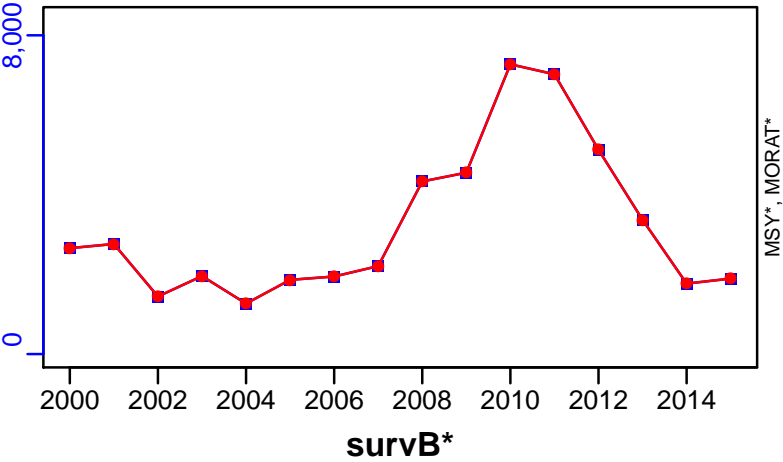


Recruits*



Blue ling Va and XIV [BLINGVa–XIV]

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



TAC*, Cpair*, Cadv*



CPUE*



EFFORT*



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

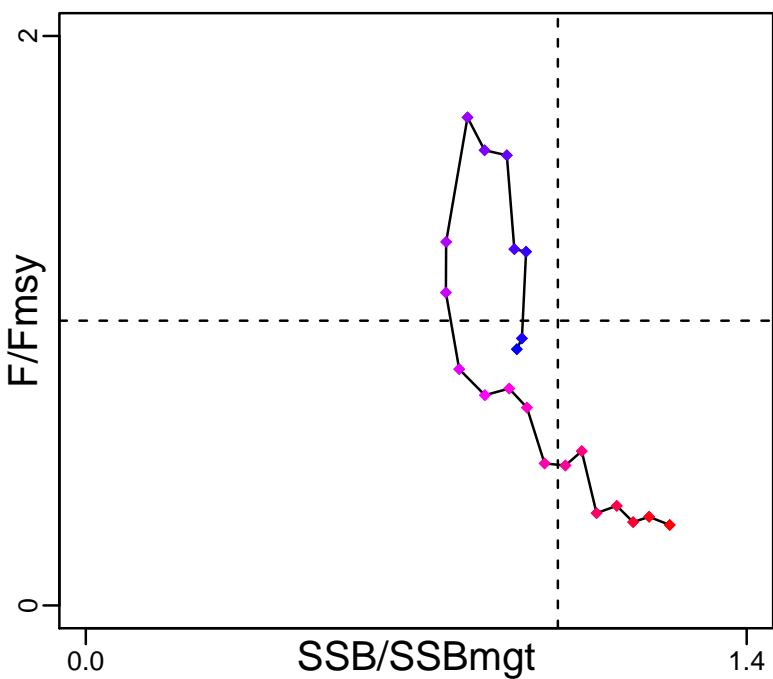
Metadata	
Scientific Name	Molva dypterygia
Current Assess ID	WGDEEP-BLINGVb-VI-VII-1966-2016-ICESIMP2016
Area	Vb-VI-VII
Management Authority	International Council for the Exploration of the Sea
Assessor	Working Group on the Biology and Assessment of Deep-Sea Fisheries Resources
Asmts in RAM	2016, 2014

Reference Points			
Type	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	-	-	-
Fmsy	Fmsy-1/yr	2016	0.12
ERmsy	-	-	-
TBmgt	-	-	-
SSBmgt	SSBmgt-MT	2016	75,000
Fmgt	Fmgt-1/yr	2016	0.12
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	-	-	-
M	-	-	-
TBlim	-	-	-
SSBlim	SSBlim-MT	2016	54,000
Flim	Flim-1/yr	2016	0.17
ERlim	-	-	-

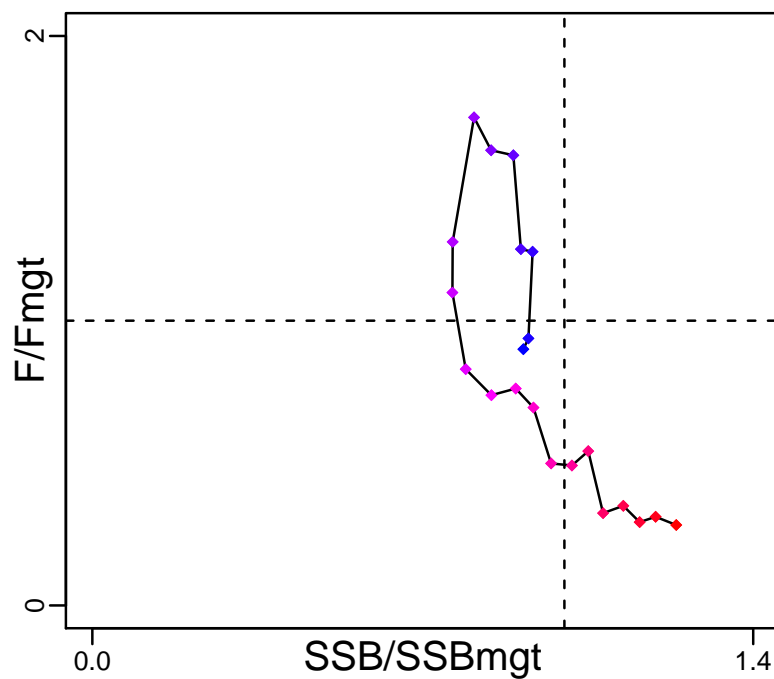
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	-	-	-	-	-
SSB	SSB-MT	2016	95,700	Both	-
TN	-	-	-	-	-
R	R-E00	2016	3,670,000	-	9
F	F-1/yr	2016	0.034	-	9 to 19
ER	-	-	-	-	-
TC	TC-MT	2016	2710		
TL	TL-MT	2016	2760		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	F-1/yr/Fmsy-1/yr	2016	0.282		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2016	1.276		
F/Fmgt	F-1/yr/Fmgt-1/yr	2016	0.282		
ER/ERmgt	-	-	-		

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

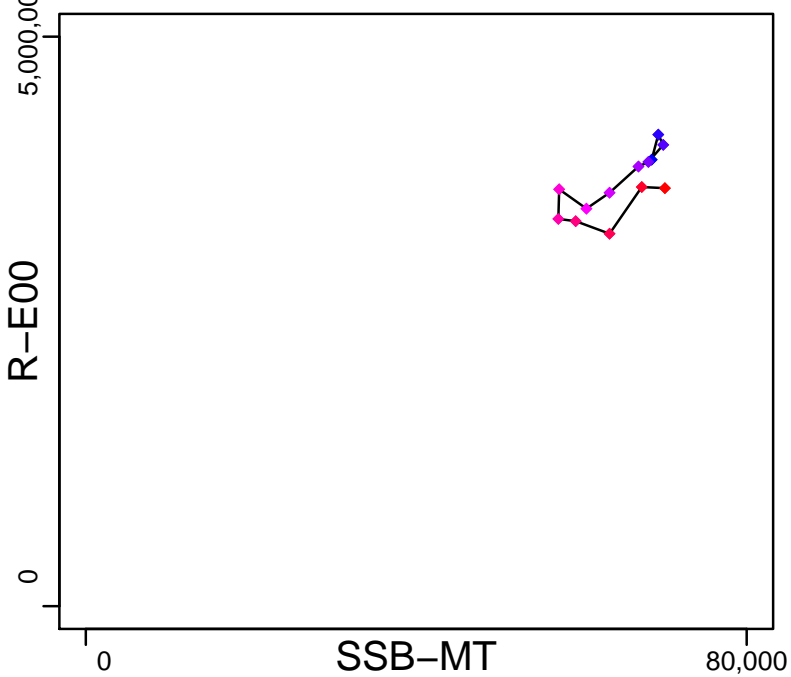
Kobe MSYpref (1966-2016-ICESIMP2016)



Kobe MGTpref (1966-2016-ICESIMP2016)



Spawner Recruit (1966-2016-ICESIMP2016)



Production*



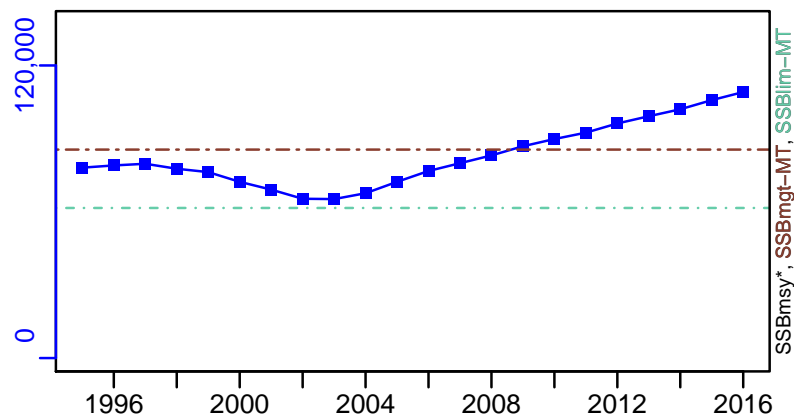
◆ Start Year ◆ End Year * No Data

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

TB*



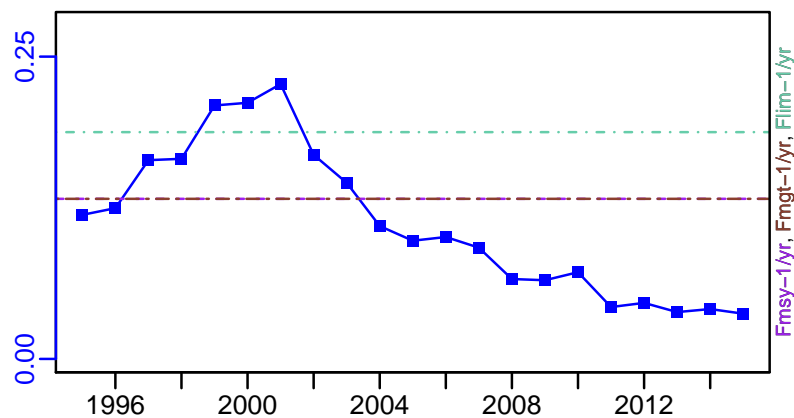
SSB-MT (1966-2016-ICESIMP2016)



TN *



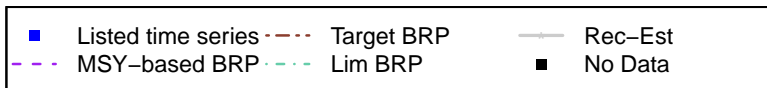
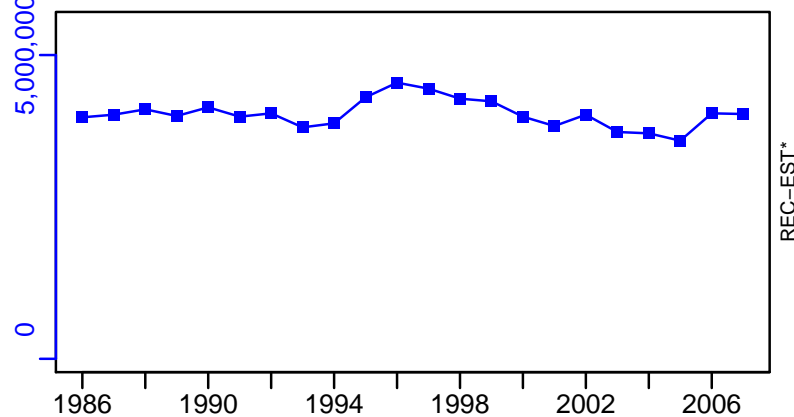
F-1/yr (1966-2016-ICESIMP2016)



ER*



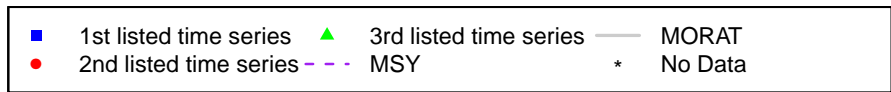
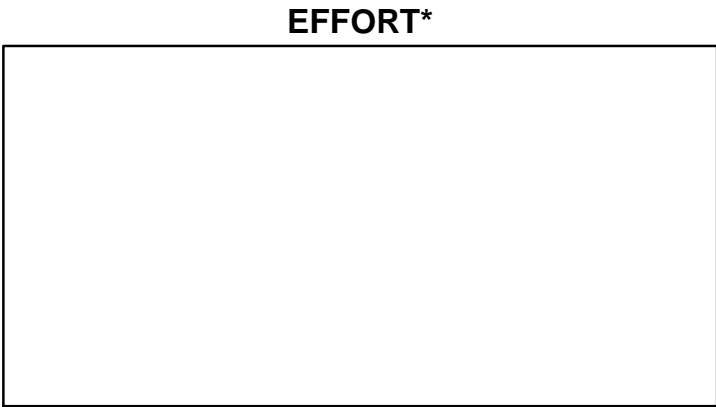
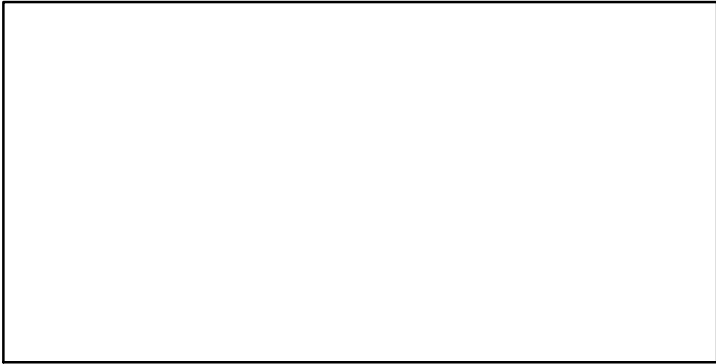
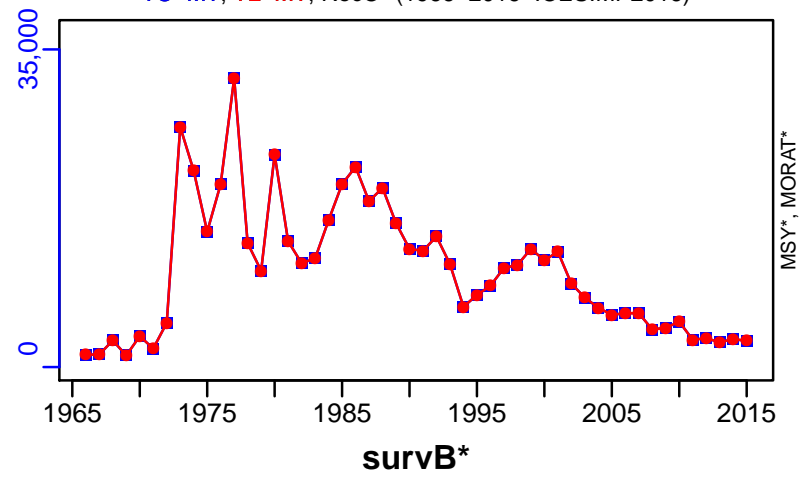
R-E00 (1966-2016-ICESIMP2016)



Blue ling Vb–VI–VII [BLINGVb–VI–VII]

TC–MT, TL–MT, RecC* (1966–2016–ICESIMP2016)

TAC*, Cpair*, Cadv*



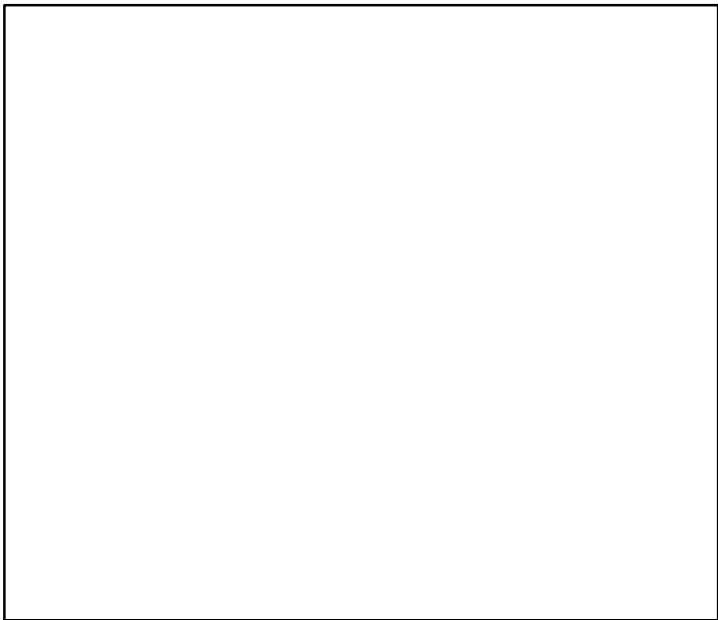
Capelin Ila-V-XIV [CAPEIla-V-XIV]

Metadata	
Scientific Name	Mallotus villosus
Current Assess ID	NWWG-CAPEIla-V-XIV-1978-2016-ICESIMP2016
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

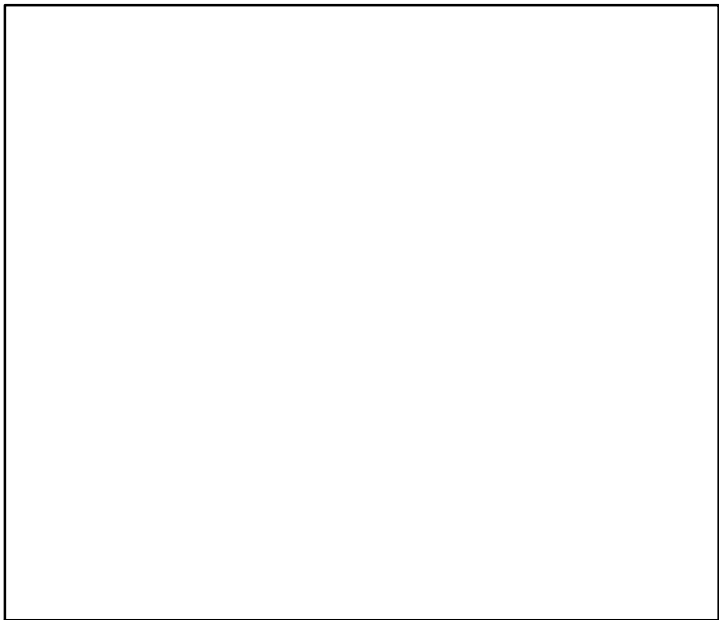
Reference Points			
Type	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	-	-	-
Fmsy	-	-	-
ERmsy	-	-	-
TBmgt	-	-	-
SSBmgt	-	-	-
Fmgt	-	-	-
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	-	-	-
M	-	-	-
TBlim	-	-	-
SSBlim	SSBlim-MT	2016	150,000
Flim	-	-	-
ERlim	-	-	-

Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	-	-	-	-	-
SSB	SSB-MT	2016	304,000	Both	-
TN	-	-	-	-	-
R	R-E00	2016	5.4×10^9	-	1
F	-	-	-	-	-
ER	ER-ratio	2010	0.016	-	-
TC	-	-	-		
TL	TL-MT	2016	174,000		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

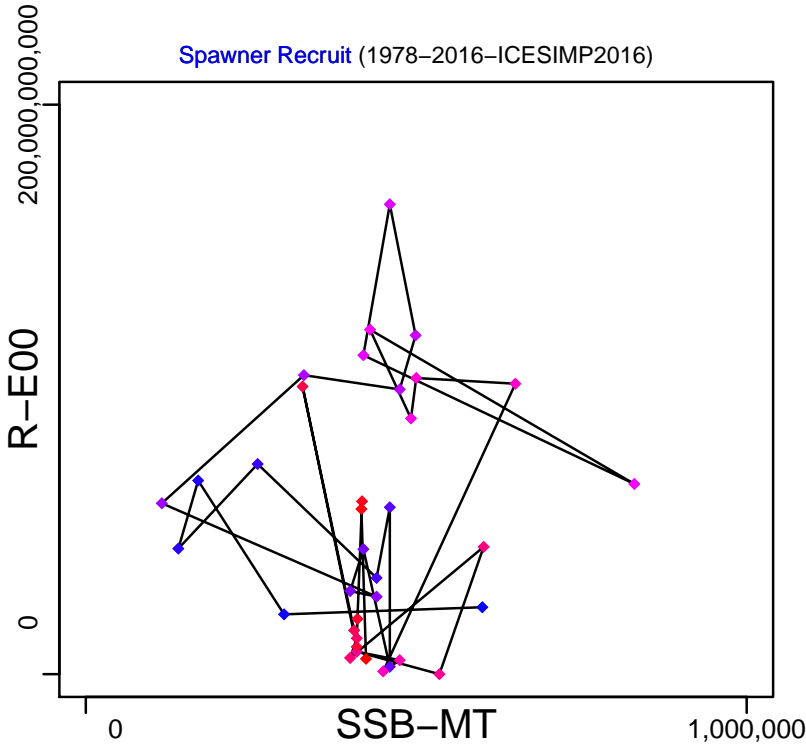
Kobe MSY*



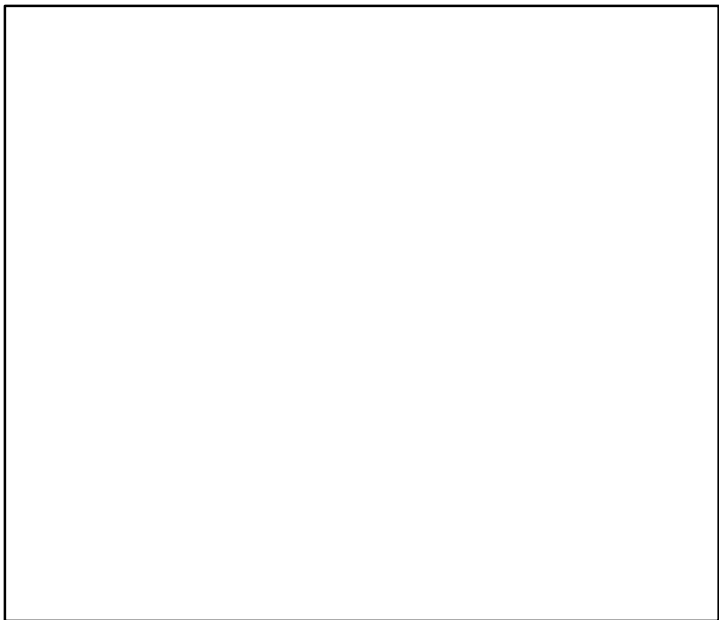
Kobe MGT*



Spawner Recruit (1978-2016-ICESIMP2016)



Production*



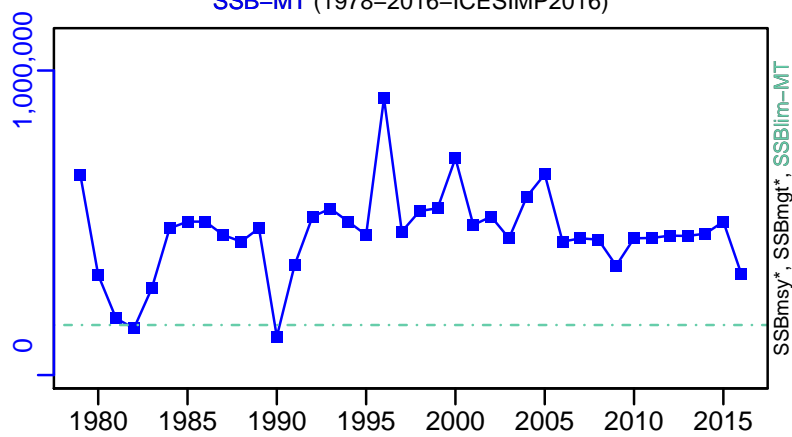
◆ Start Year ◆ End Year * No Data

Capelin IIa–V–XIV [CAPEIIa–V–XIV]

TB*



SSB–MT (1978–2016–ICESIMP2016)



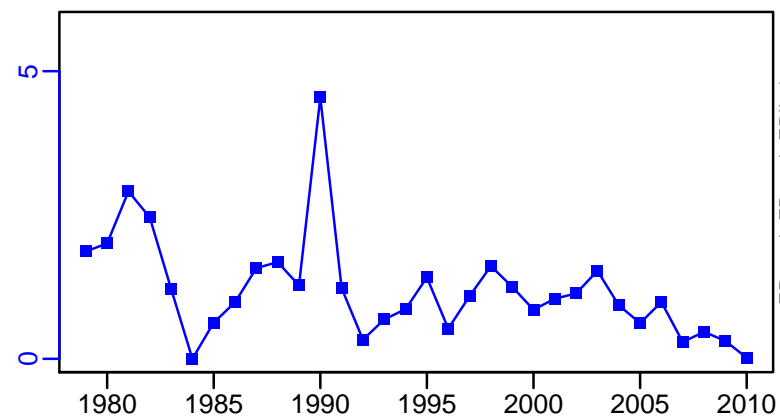
TN *



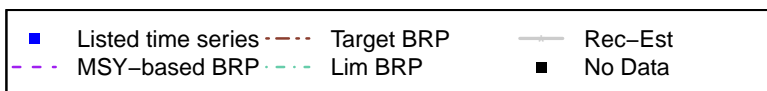
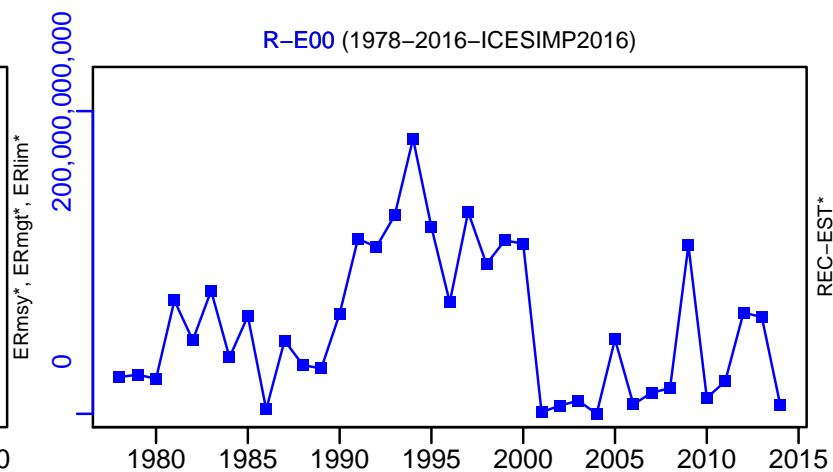
F*



ER–ratio (1977–2010–NEUBAUER)



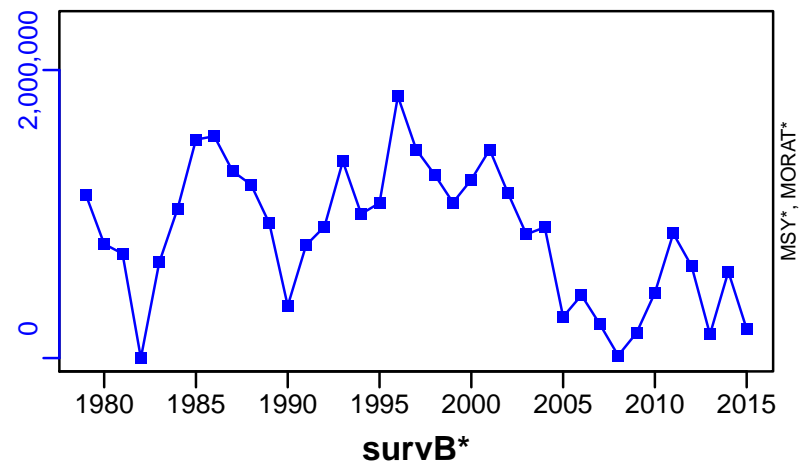
R–E00 (1978–2016–ICESIMP2016)



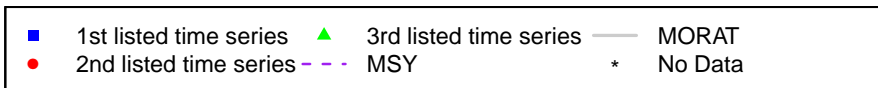
Capelin IIa-V-XIV [CAPEIIa-V-XIV]

TL-MT, TC*, RecC* (1978-2016-ICESIMP2016)

TAC*, Cpair*, Cadv*



EFFORT*



Capelin Barents Sea [CAPENOR]

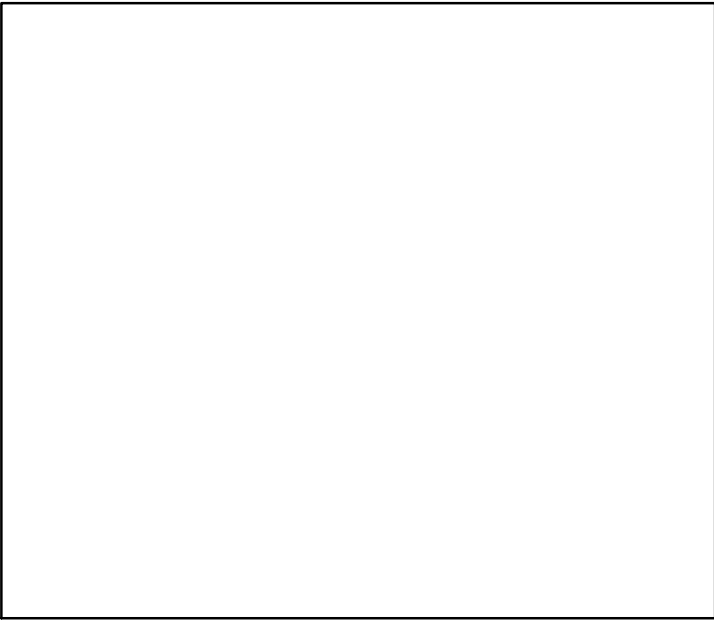
Metadata	
Scientific Name	Mallotus villosus
Current Assess ID	AFWG-CAPENOR-1965-2007-MINTO
Area	Barents Sea
Management Authority	International Council for the Exploration of the Sea
Assessor	Arctic Fisheries Working Group
Asmts in RAM	2007

Reference Points			
Type	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	-	-	-
Fmsy	-	-	-
ERmsy	-	-	-
TBmgt	-	-	-
SSBmgt	-	-	-
Fmgt	-	-	-
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	-	-	-
M	-	-	-
TBlim	-	-	-
SSBlim	SSBlim-MT	2007	2×10^5
Flim	-	-	-
ERlim	-	-	-

Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	TB-MT	2007	902,000	Both	1+
SSB	SSB-MT	2007	189,000	Both	2+
TN	-	-	-	-	-
R	R-E00	2007	7.3×10^{10}	-	1
F	-	-	-	-	-
ER	ER-ratio	2007	0	-	-
TC	-	-	-		
TL	TL-MT	2007	0		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

Capelin Barents Sea [CAPENOR]

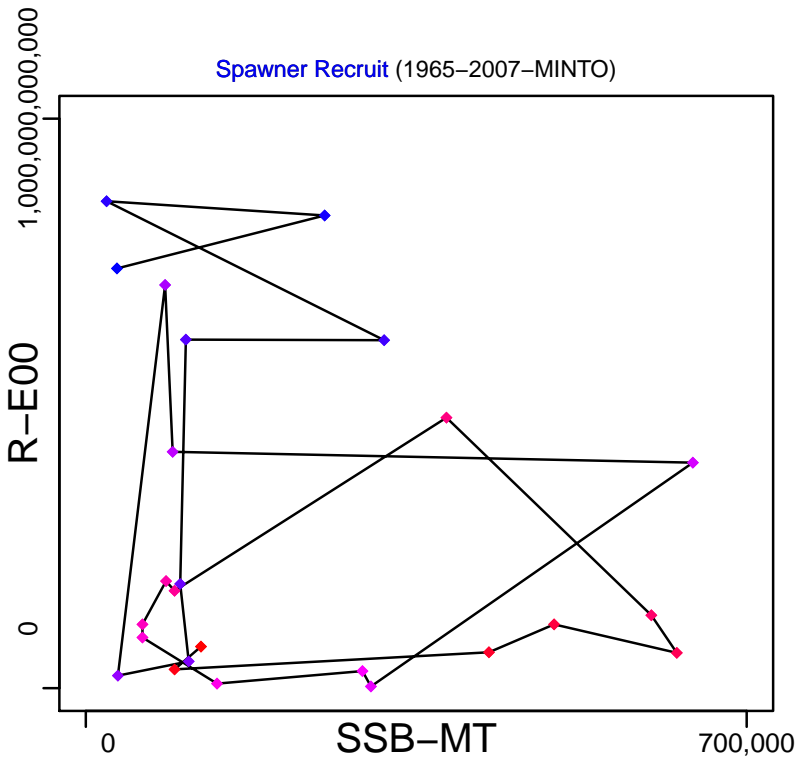
Kobe MSY*



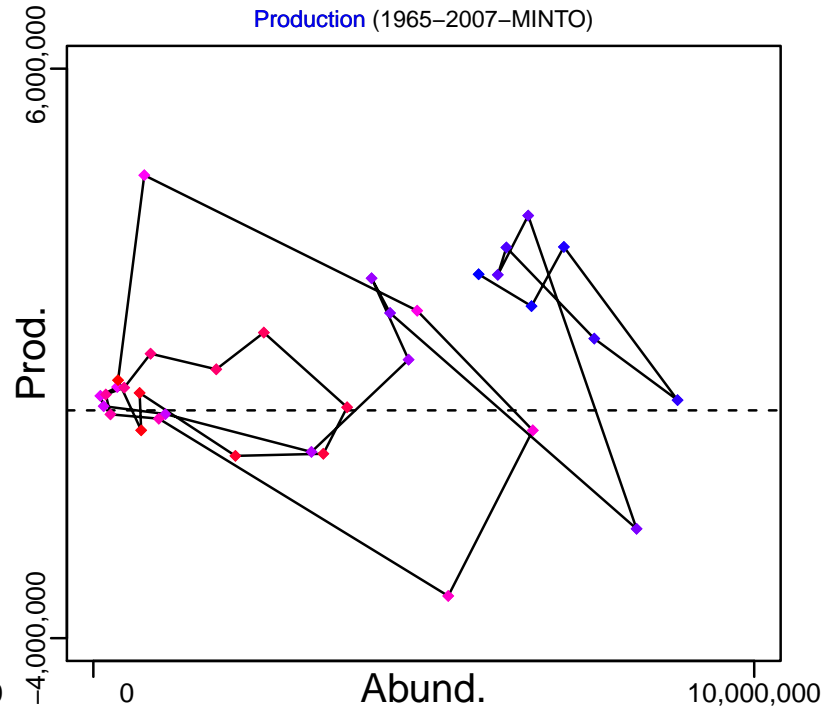
Kobe MGT*



Spawner Recruit (1965–2007–MINTO)



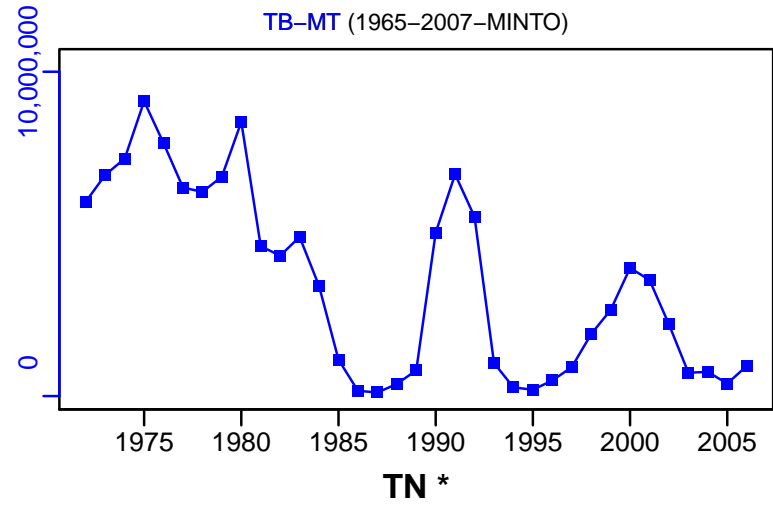
Production (1965–2007–MINTO)



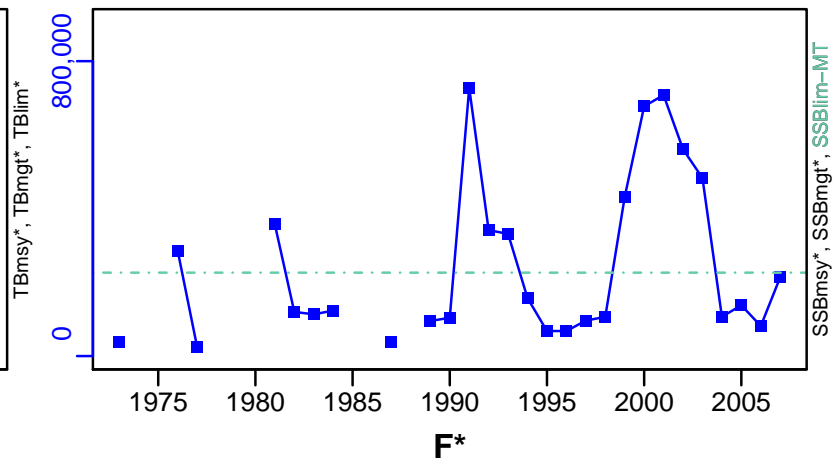
◆ Start Year ◆ End Year * No Data

Capelin Barents Sea [CAPENOR]

TB-MT (1965–2007–MINTO)

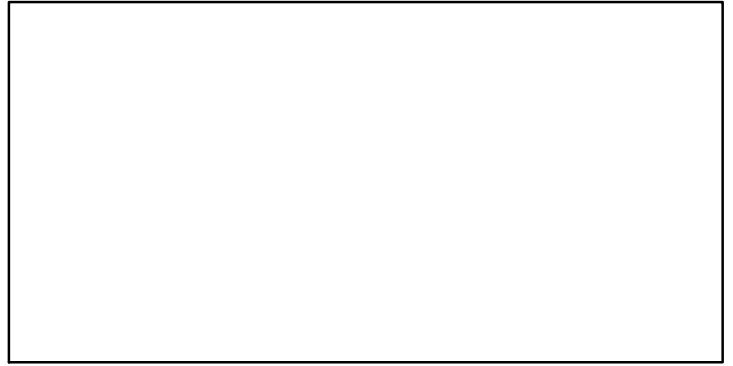
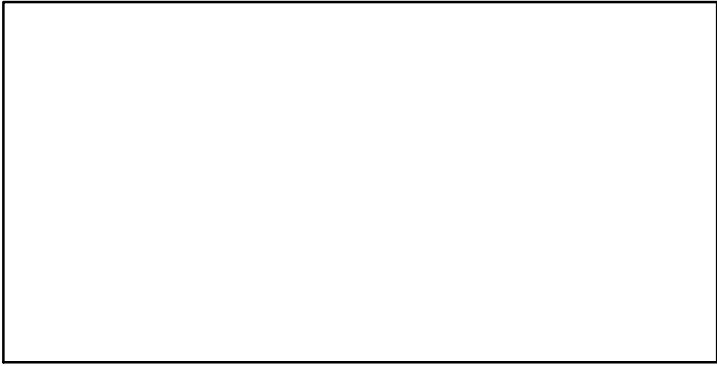


SSB-MT (1965–2007–MINTO)

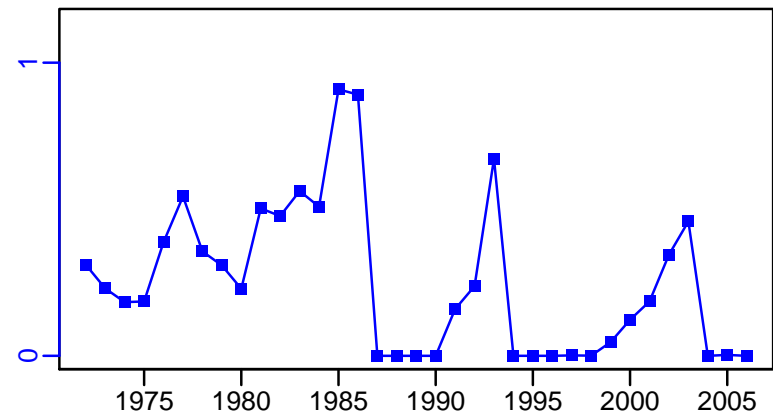


TN *

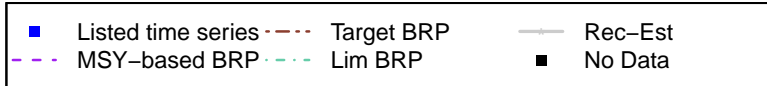
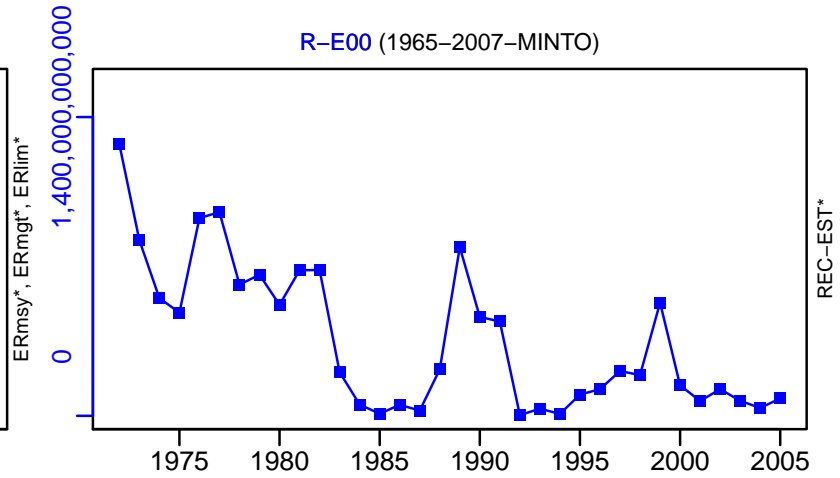
F*



ER-ratio (1965–2007–MINTO)

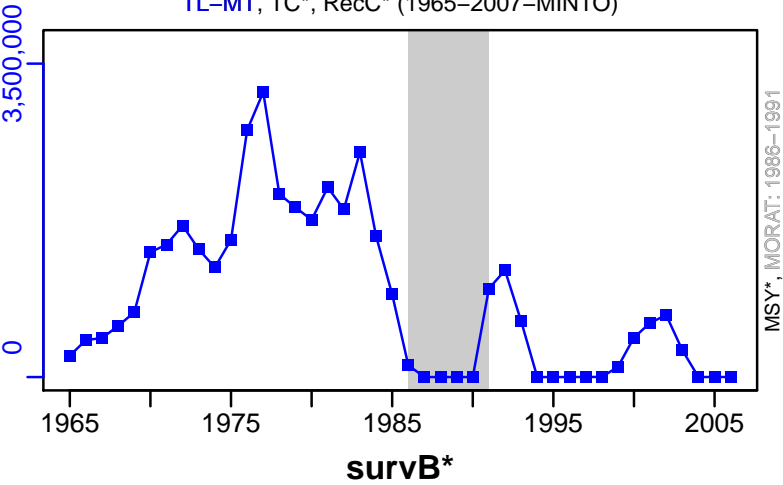


R-E00 (1965–2007–MINTO)



Capelin Barents Sea [CAPENOR]

TL-MT, TC*, RecC* (1965-2007-MINTO)



TAC*, Cpair*, Cadv*



CPUE*



EFFORT*



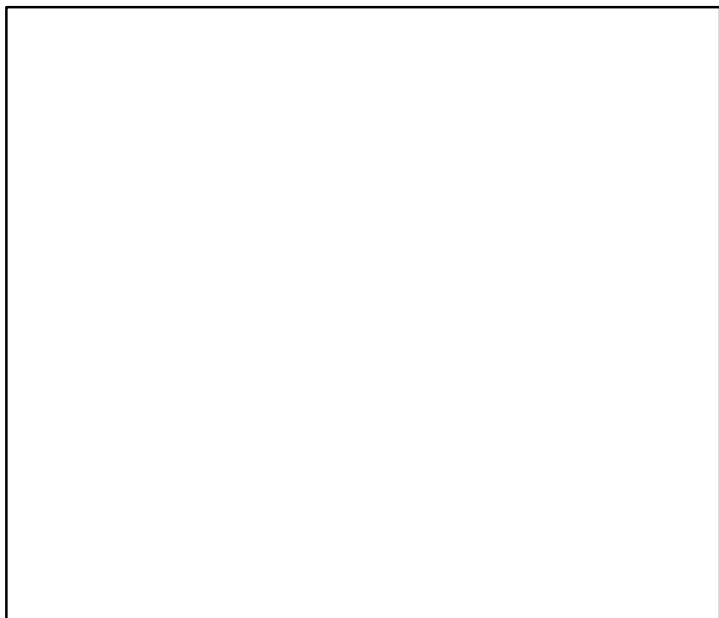
Atlantic cod NAFO Subarea 1 (inshore) [COD1IN]

Metadata	
Scientific Name	Gadus morhua
Current Assess ID	NWWG-COD1IN-1911-2016-ICESIMP2016
Area	NAFO Subarea 1 (inshore)
Management Authority	International Council for the Exploration of the Sea
Assessor	North-Western Working Group
Asmts in RAM	2016

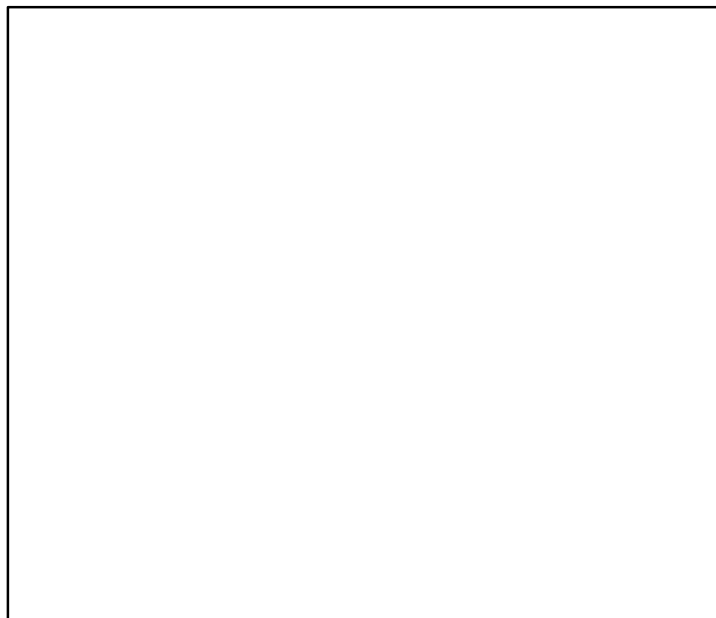
Reference Points			
Type	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	-	-	-
Fmsy	-	-	-
ERmsy	-	-	-
TBmgt	-	-	-
SSBmgt	-	-	-
Fmgt	-	-	-
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	-	-	-
M	-	-	-
TBlim	-	-	-
SSBlim	-	-	-
Flim	-	-	-
ERlim	-	-	-

Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	-	-	-	-	-
SSB	-	-	-	-	-
TN	-	-	-	-	-
R	-	-	-	-	-
F	-	-	-	-	-
ER	-	-	-	-	-
TC	TC-MT	2016	25,300		
TL	TL-MT	2016	25,300		
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

TB*



SSB*



TN *



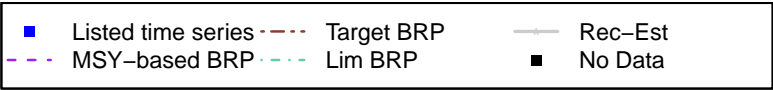
F*



ER*



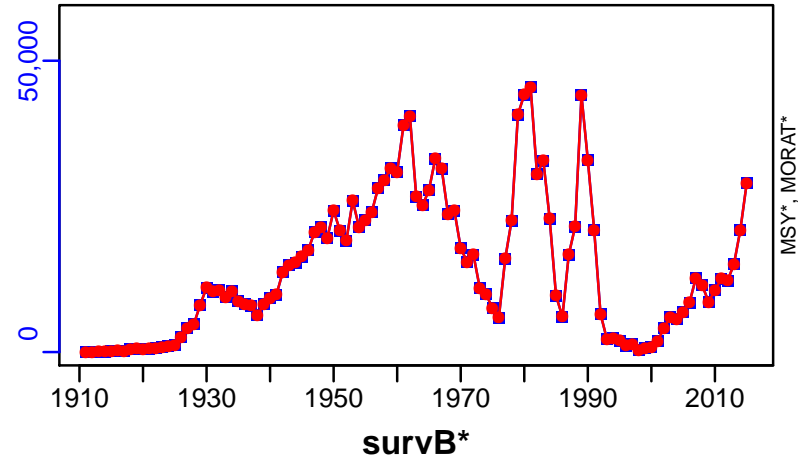
Recruits*



Atlantic cod NAFO Subarea 1 (inshore) [COD1IN]

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

TAC*, Cpair*, Cadv*



CPUE*

EFFORT*

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

Atlantic cod Faroe Bank [CODFABNK]

Metadata	
Scientific Name	Gadus morhua
Current Assess ID	NWWG-CODFABNK-1965-2016-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 *



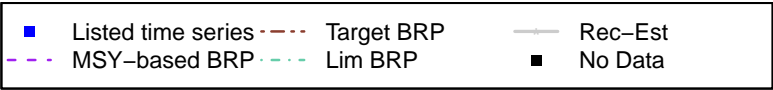
F*



ER*

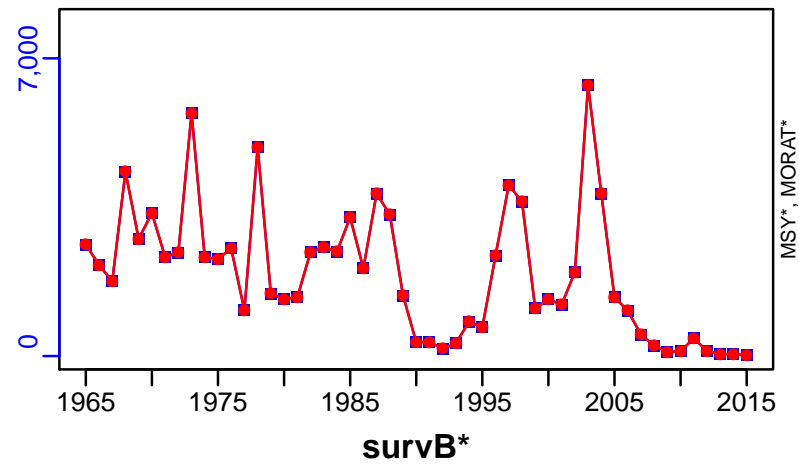


Recruits*



Atlantic cod Faroe Bank [CODFABNK]

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



TAC*, Cpair*, Cadv*



CPUE*



EFFORT*



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

Atlantic cod Faroe Plateau [CODFAPL]

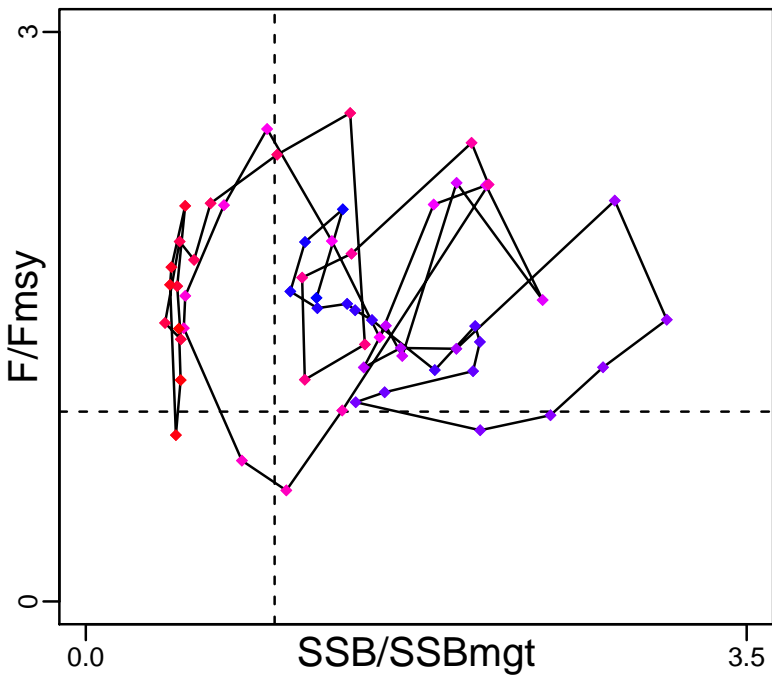
Metadata	
Scientific Name	Gadus morhua
Current Assess ID	NWWG-CODFAPL-1957-2016-ICESIMP2016
Area	Faroe Plateau
Management Authority	International Council for the Exploration of the Sea
Assessor	North-Western Working Group
Asmts in RAM	2015, 2016, 2012, 2013, 2014

Reference Points			
Type	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	-	-	-
Fmsy	Fmsy-1/yr	2016	0.32
ERmsy	-	-	-
TBmgt	-	-	-
SSBmgt	SSBmgt-MT	2016	40,000
Fmgt	Fmgt-1/yr	2016	0.32
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	-	-	-
M	-	-	-
TBlim	-	-	-
SSBlim	SSBlim-MT	2016	21,000
Flim	Flim-1/yr	2016	0.68
ERlim	-	-	-

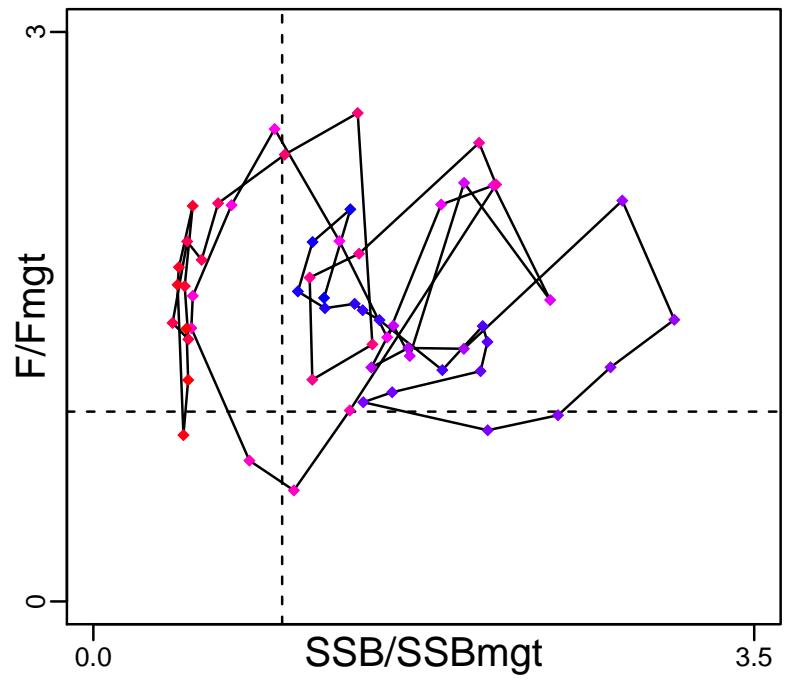
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	TB-MT	2016	28,500	Both	-
SSB	SSB-MT	2016	22,400	Both	-
TN	-	-	-	-	-
R	R-E00	2016	3,370,000	-	2
F	F-1/yr	2016	0.46	-	3 to 7
ER	ER-calc-ratio	2016	0.259	-	-
TC	TC-MT	2016	7390		
TL	TL-MT	2016	7390		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	F-1/yr/Fmsy-1/yr	2016	1.437		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2016	0.56		
F/Fmgt	F-1/yr/Fmgt-1/yr	2016	1.437		
ER/ERmgt	-	-	-		

Atlantic cod Faroe Plateau [CODFAPL]

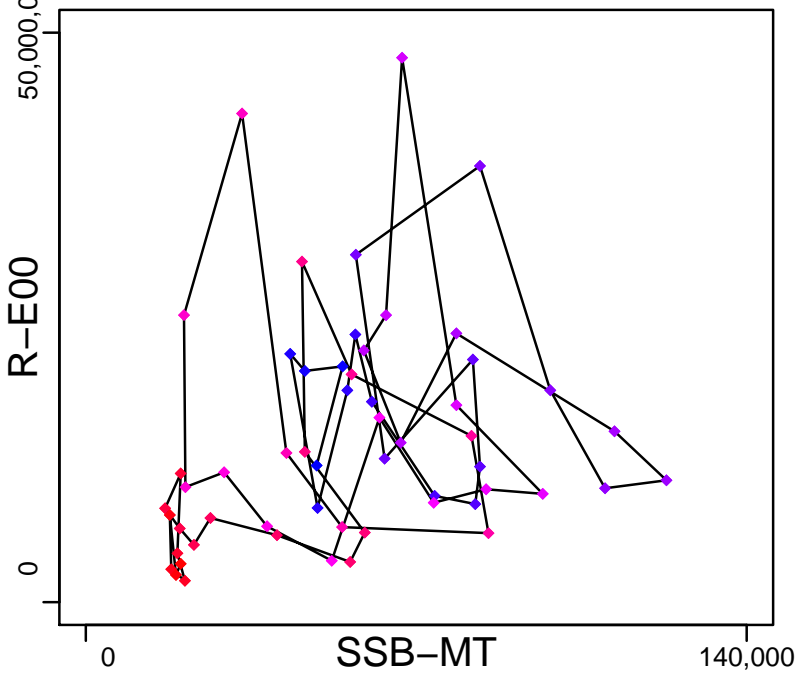
Kobe MSYpref (1957–2016–ICESIMP2016)



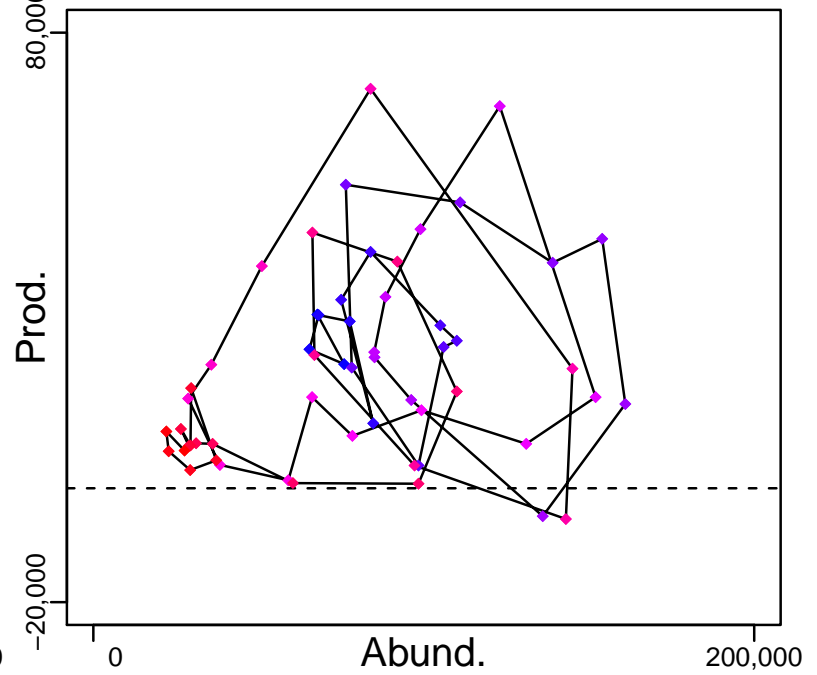
Kobe MGTpref (1957–2016–ICESIMP2016)



Spawner Recruit (1957–2016–ICESIMP2016)



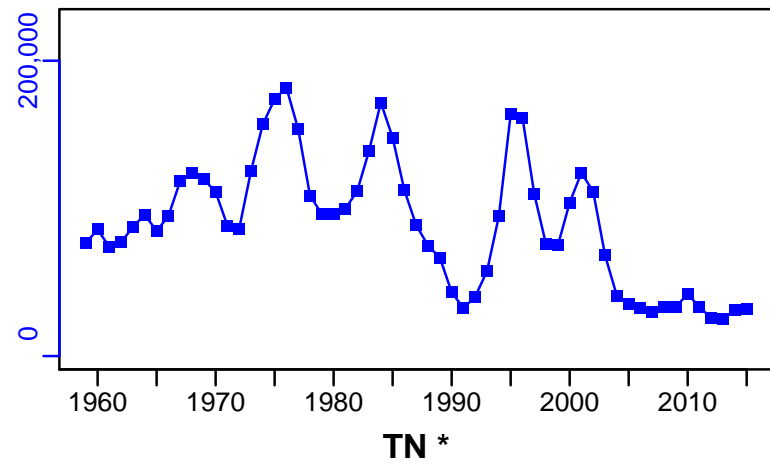
Production (1957–2016–ICESIMP2016)



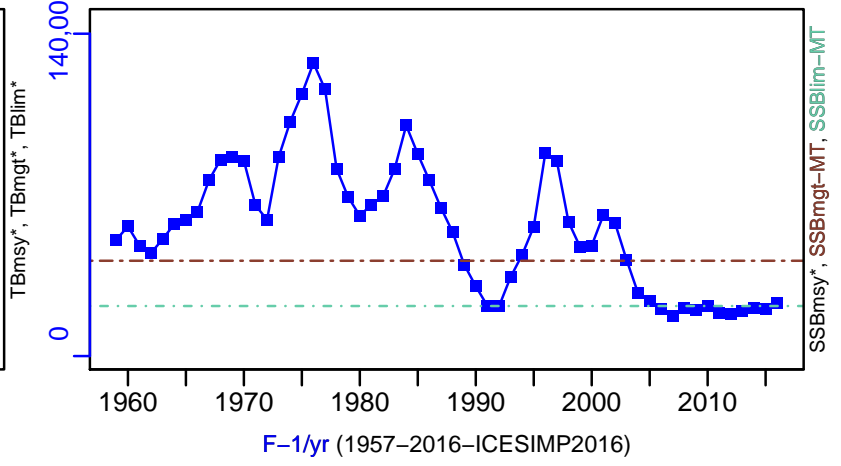
◆ Start Year ◆ End Year * No Data

Atlantic cod Faroe Plateau [CODFAPL]

TB-MT (1957–2016–ICESIMP2016)



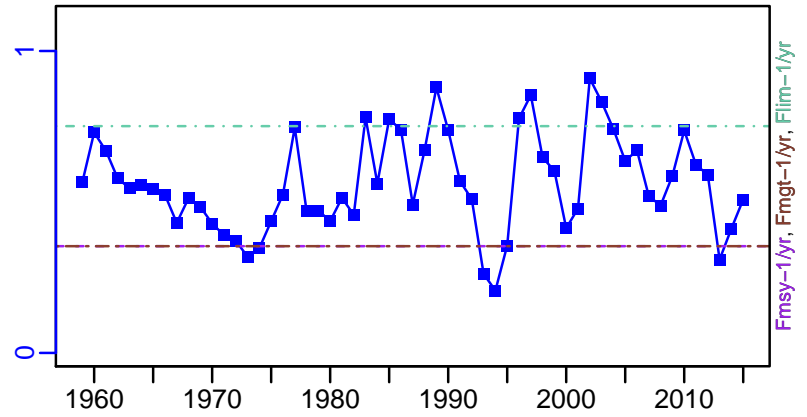
SSB-MT (1957–2016–ICESIMP2016)



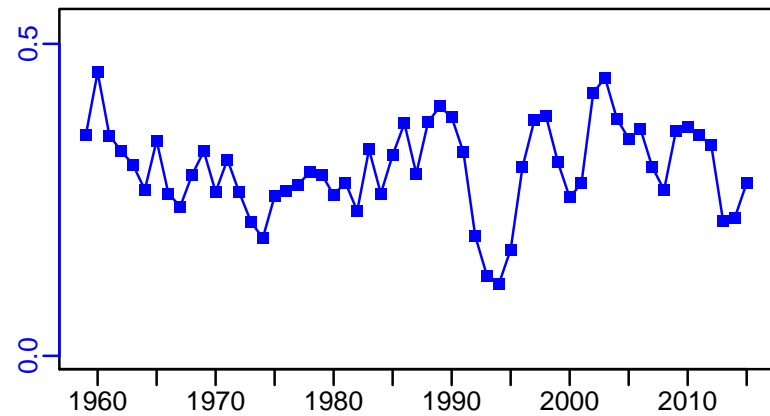
TN *



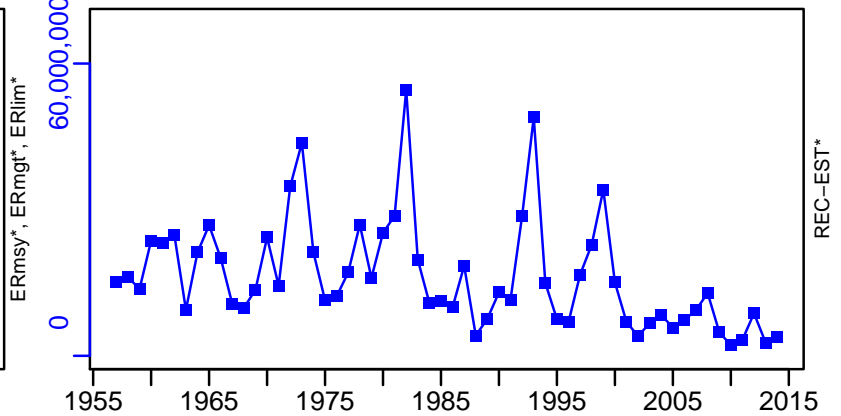
F-1/yr (1957–2016–ICESIMP2016)



ER-calc-ratio (1957–2016–ICESIMP2016)

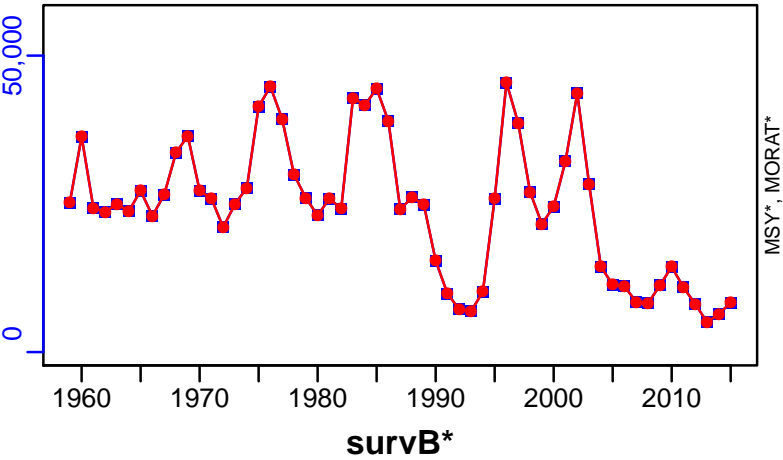


R-E00 (1957–2016–ICESIMP2016)



Atlantic cod Faroe Plateau [CODFAPL]

TC-MT, TL-MT, RecC* (1957–2016–ICESIMP2016)



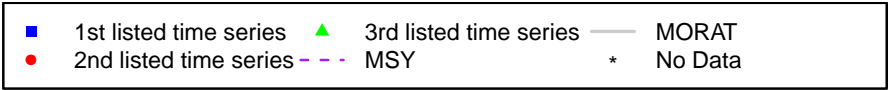
TAC*, Cpair*, Cadv*



CPUE*



EFFORT*



Atlantic cod Iceland [CODICE]

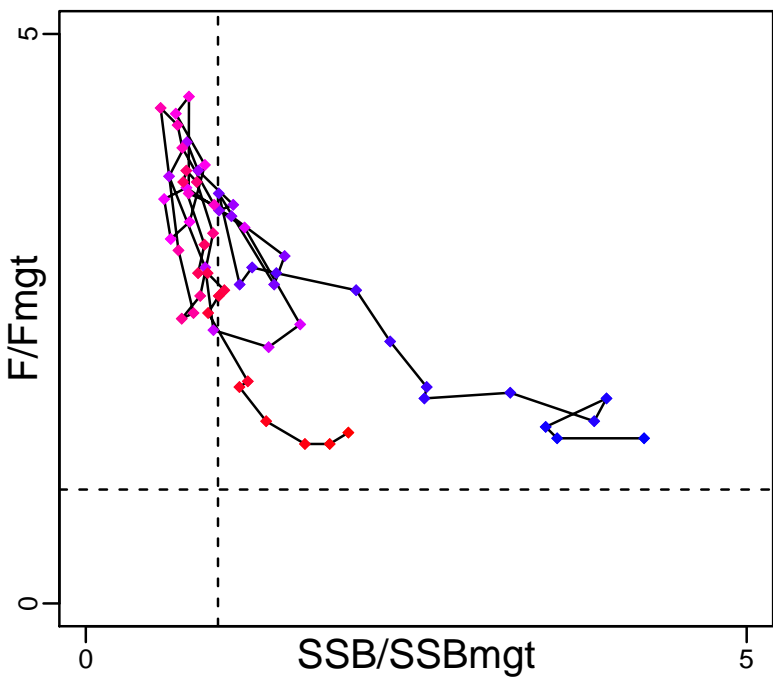
Metadata	
Scientific Name	Gadus morhua
Current Assess ID	NWWG-CODICE-1952-2016-ICESIMP2016
Area	Iceland Grounds
Management Authority	International Council for the Exploration of the Sea
Assessor	North-Western Working Group
Asmts in RAM	2012, 2013, 2014, 2015, 2016

Reference Points			
Type	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	-	-	-
Fmsy	-	-	-
ERmsy	-	-	-
TBmgt	-	-	-
SSBmgt	SSBmgt-MT	2016	220,000
Fmgt	Fmgt-1/yr	2014	0.2
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	-	-	-
M	-	-	-
TBlim	TBlim-MT	2012	125,000
SSBlim	SSBlim-MT	2016	125,000
Flim	Flim-1/yr	2016	0.74
ERlim	-	-	-

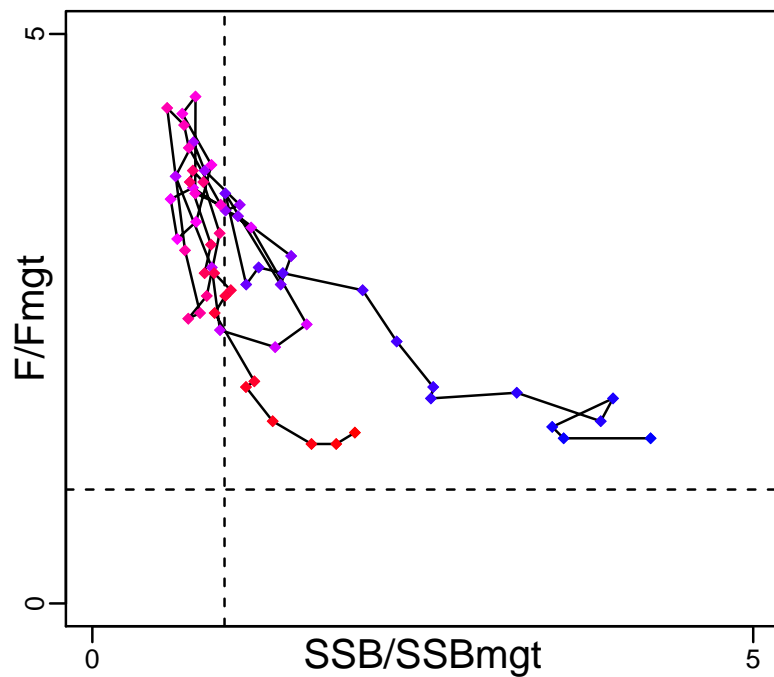
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	TB-MT	2014	1,160,000	Both	-
SSB	SSB-MT	2016	464,000	Both	-
TN	-	-	-	-	-
R	R-E00	2016	1.17×10^8	-	3
F	F-1/yr	2016	0.27	-	5 to 10
ER	ER-calc-ratio	2014	0.192	-	-
TC	-	-	-		
TL	TL-MT	2016	230,000		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2016	2.109		
F/Fmgt	F-1/yr/Fmgt-1/yr	2014	1.5		
ER/ERmgt	-	-	-		

Atlantic cod Iceland [CODICE]

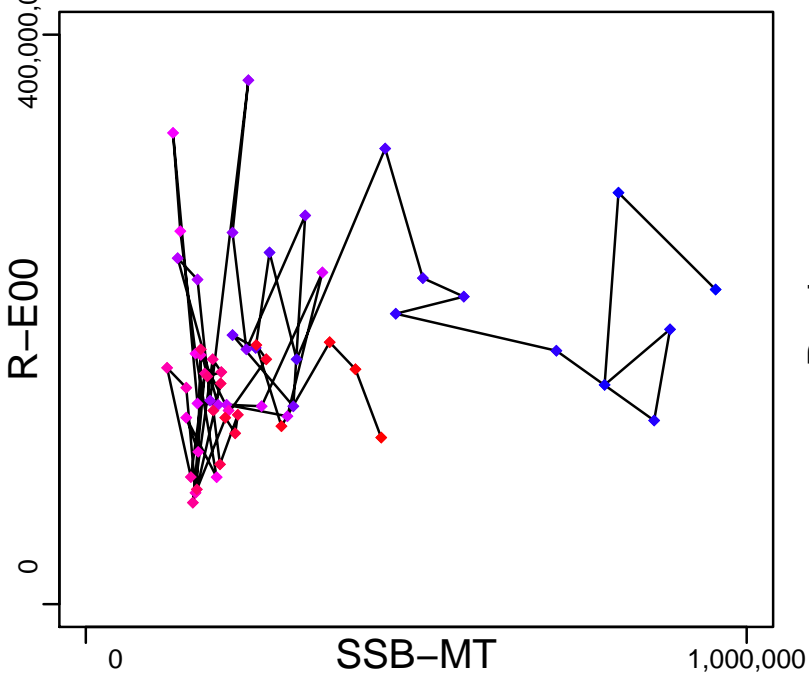
Kobe MSYpref (1952–2014–ICESIMP2016)



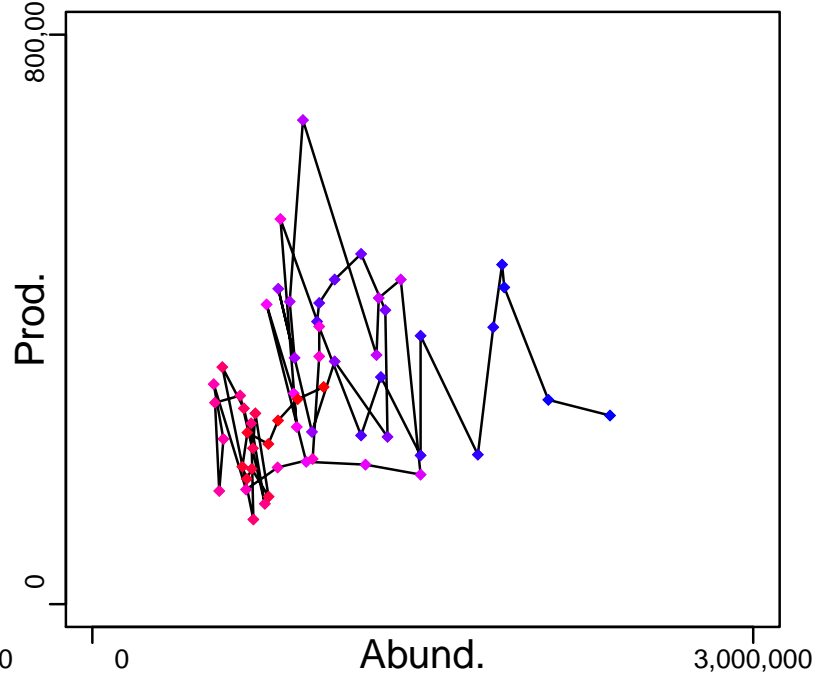
Kobe MGTpref (1952–2014–ICESIMP2016)



Spawner Recruit (1952–2016–ICESIMP2016)



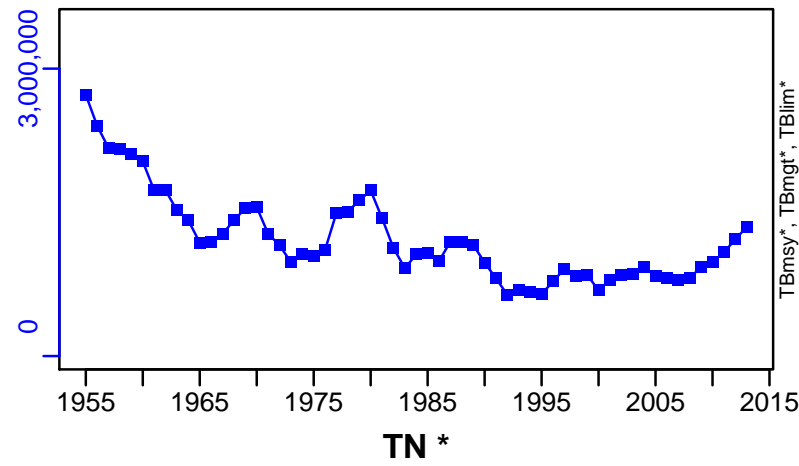
Production (1952–2014–ICESIMP2016)



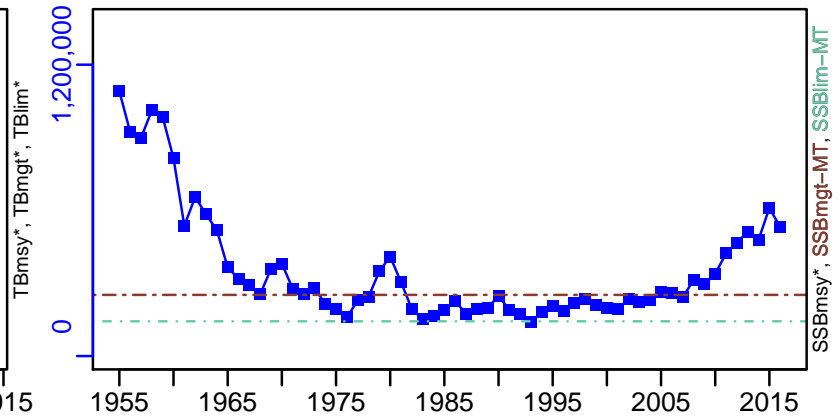
◆ Start Year ◆ End Year * No Data

Atlantic cod Iceland [CODICE]

TB-MT (1952–2014–ICESIMP2016)

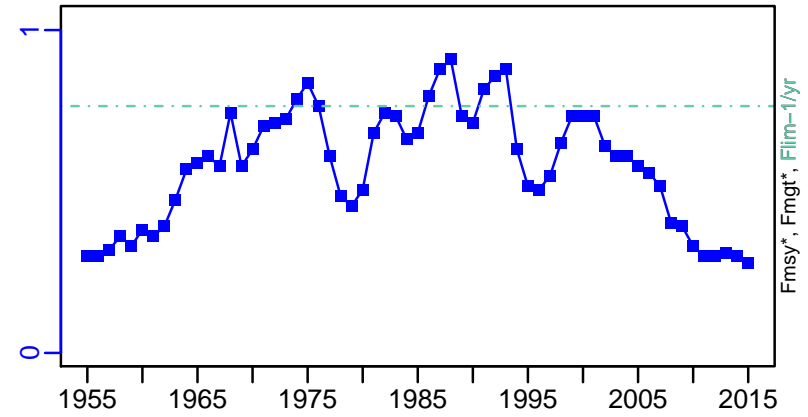
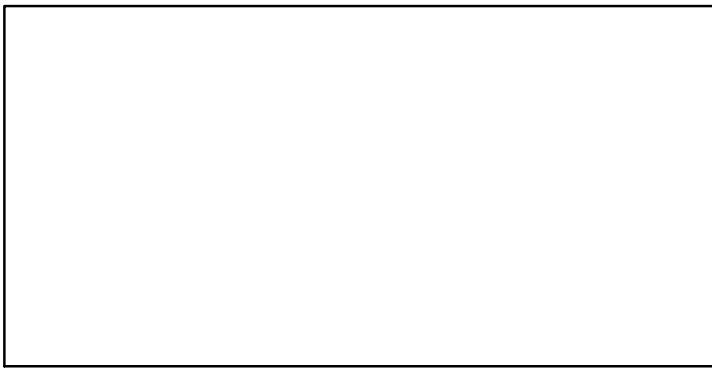


SSB-MT (1952–2016–ICESIMP2016)

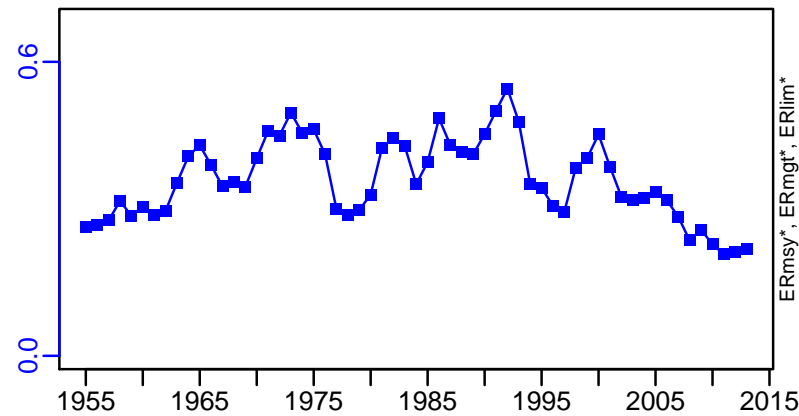


TN *

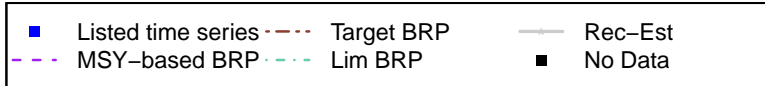
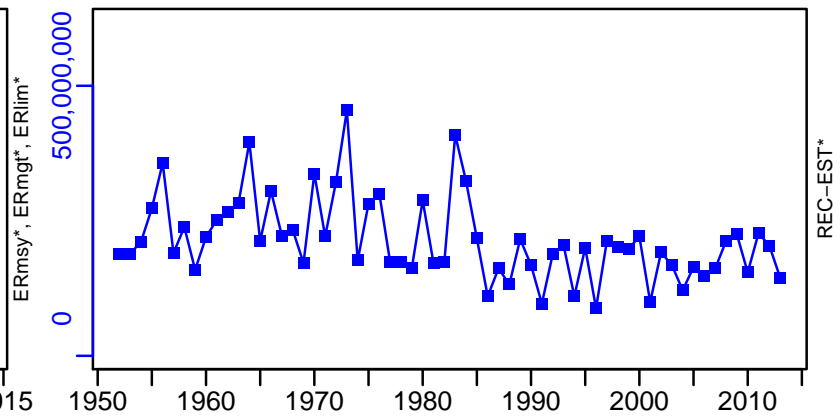
F-1/yr (1952–2016–ICESIMP2016)



ER-calc-ratio (1952–2014–ICESIMP2016)



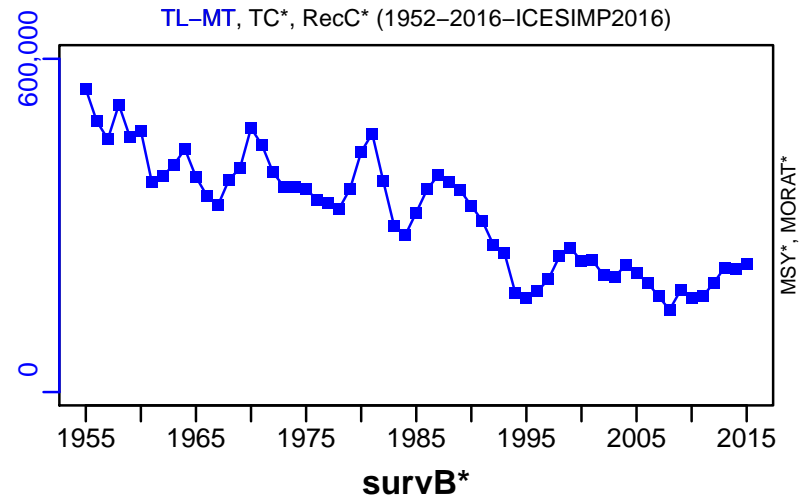
R-E00 (1952–2016–ICESIMP2016)



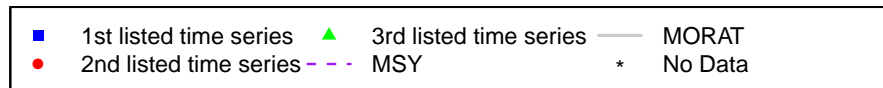
Atlantic cod Iceland [CODICE]

TL-MT, TC*, RecC* (1952-2016-ICESIMP2016)

TAC*, Cpair*, Cadv*



EFFORT*



Atlantic cod Northeast Arctic [CODNEAR]

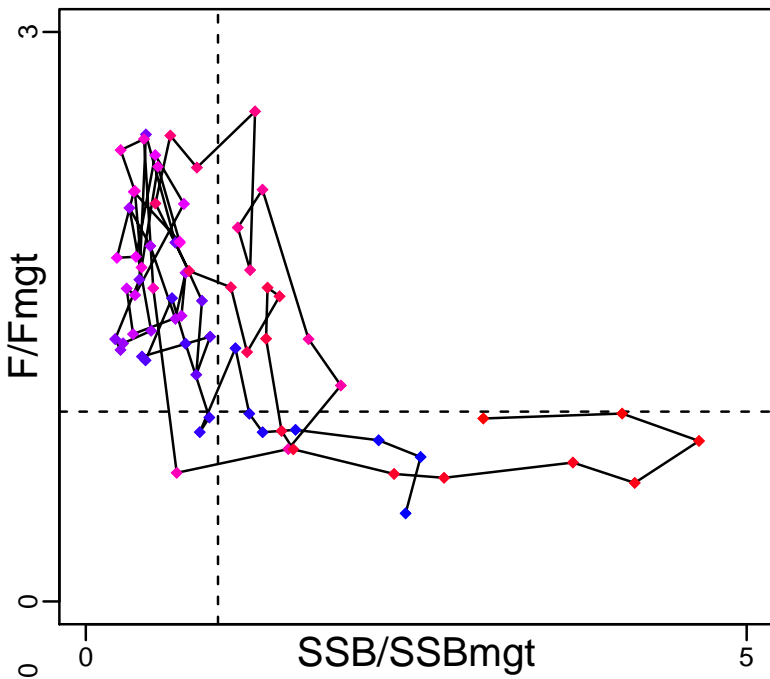
Metadata	
Scientific Name	Gadus morhua
Current Assess ID	AFWG-CODNEAR-1943-2016-ICESIMP2016
Area	North-East Arctic
Management Authority	International Council for the Exploration of the Sea
Assessor	Arctic Fisheries Working Group
Asmts in RAM	2013, 2014, 2015, 2016, 2011

Reference Points			
Type	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	-	-	-
Fmsy	Fmsy-1/yr	2015	0.4
ERmsy	-	-	-
TBmgt	-	-	-
SSBmgt	SSBmgt-MT	2016	460,000
Fmgt	Fmgt-1/yr	2016	0.4
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	-	-	-
M	-	-	-
TBlim	-	-	-
SSBlim	SSBlim-MT	2016	220,000
Flim	Flim-1/yr	2016	0.74
ERlim	-	-	-

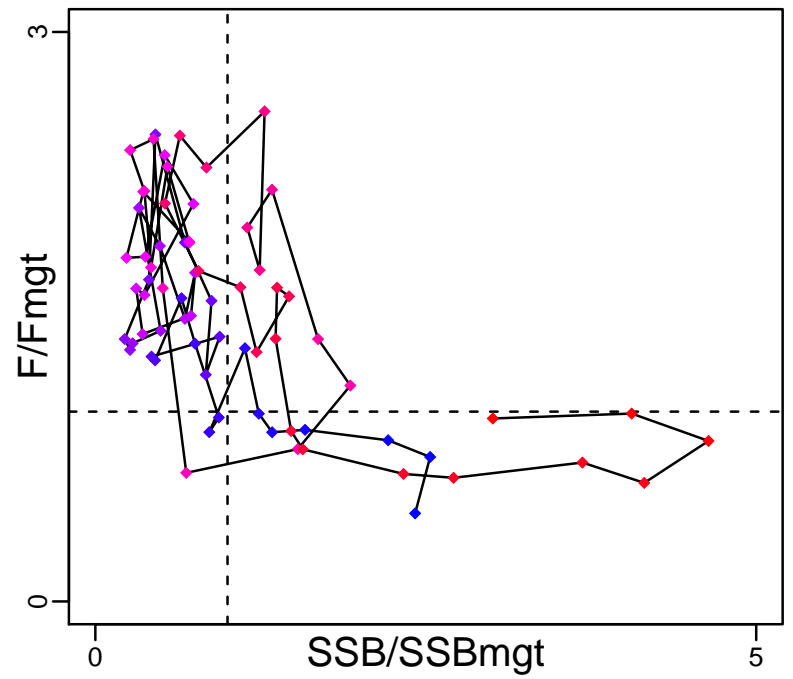
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	TB-MT	2016	3,210,000	Both	-
SSB	SSB-MT	2016	1,070,000	Both	-
TN	-	-	-	-	-
R	R-E00	2016	7.66×10^8	-	3
F	F-1/yr	2016	0.386	-	5 to 10
ER	ER-calc-ratio	2016	0.27	-	-
TC	-	-	-		
TL	TL-MT	2016	864,000		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	F-1/yr/Fmsy-1/yr	2015	1.192		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2016	2.326		
F/Fmgt	F-1/yr/Fmgt-1/yr	2016	0.964		
ER/ERmgt	-	-	-		

Atlantic cod Northeast Arctic [CODNEAR]

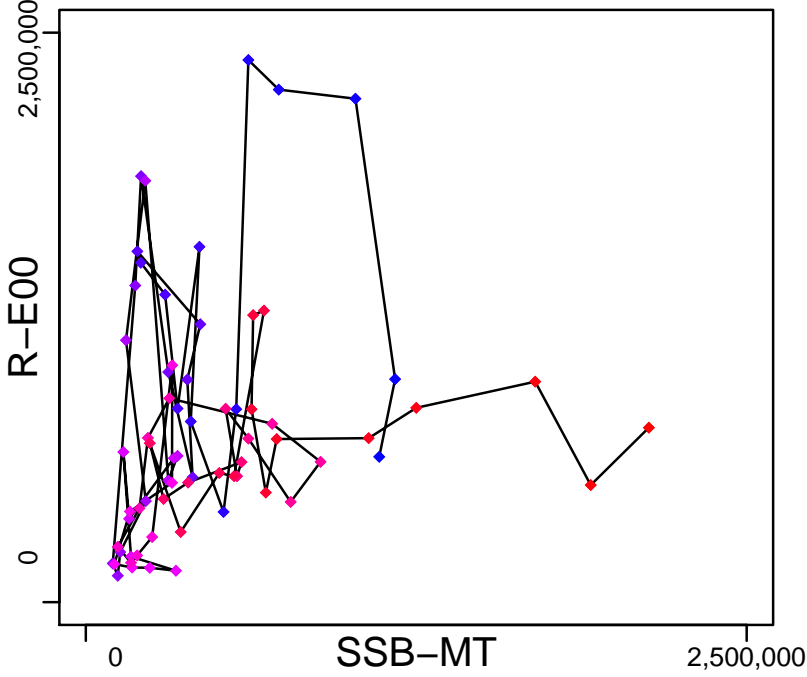
Kobe MSYpref (1943–2016–ICESIMP2016)



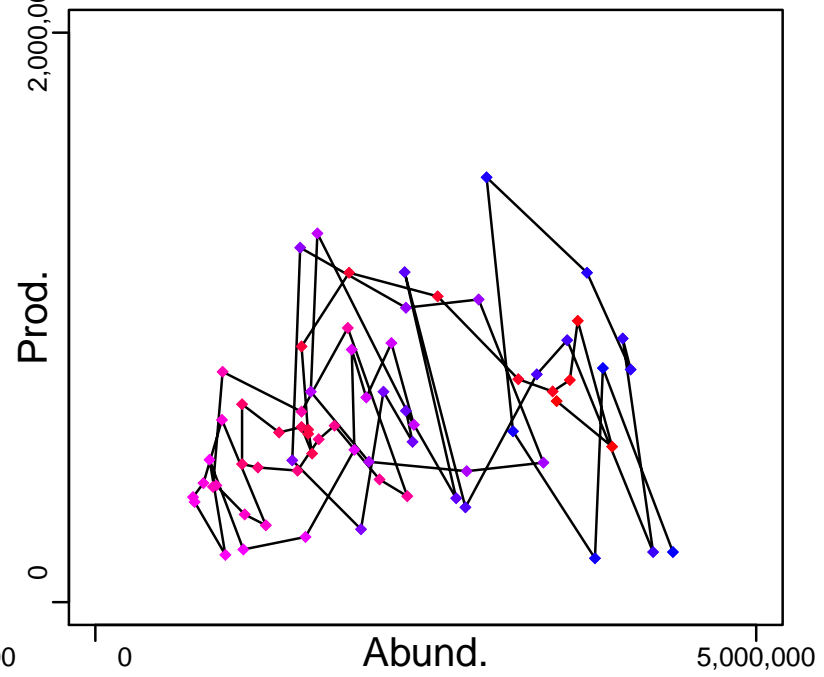
Kobe MGTpref (1943–2016–ICESIMP2016)



Spawner Recruit (1943–2016–ICESIMP2016)

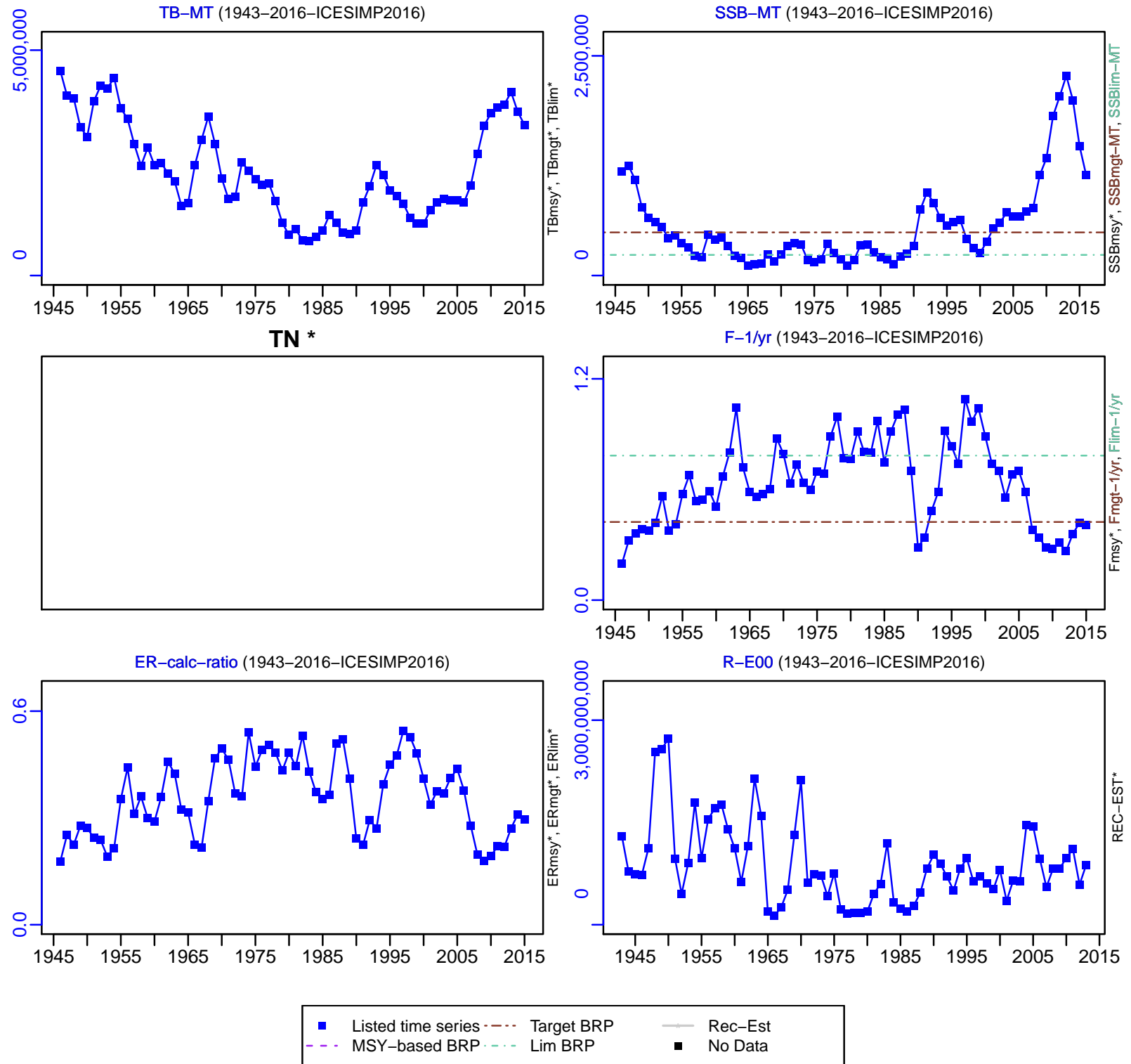


Production (1943–2016–ICESIMP2016)



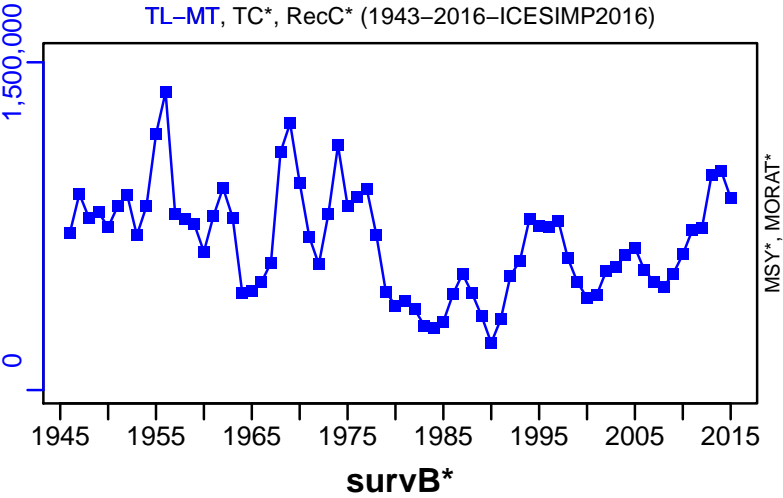
◆ Start Year ◆ End Year * No Data

Atlantic cod Northeast Arctic [CODNEAR]



Atlantic cod Northeast Arctic [CODNEAR]

TL-MT, TC*, RecC* (1943-2016-ICESIMP2016)



TAC*, Cpair*, Cadv*



CPUE*



EFFORT*



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

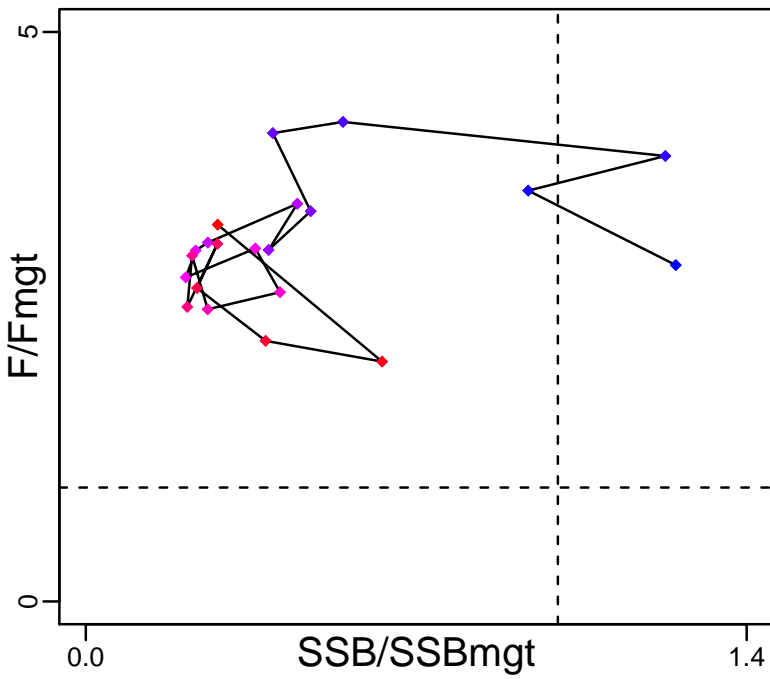
Metadata	
Scientific Name	Gadus morhua
Current Assess ID	AFWG-CODNEARNCW-1982-2016-ICESIMP2016
Area	North-East Arctic (Norwegian coastal waters)
Management Authority	International Council for the Exploration of the Sea
Assessor	Arctic Fisheries Working Group
Asmts in RAM	2016

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	-	-	-

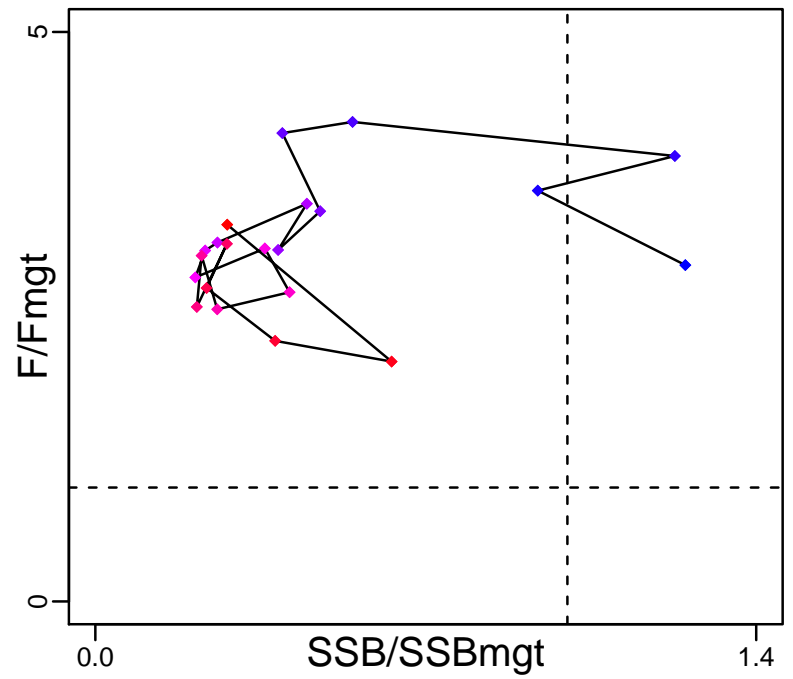
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	-	-	-	-	-
SSB	SSB-MT	2016	16,800	Both	-
TN	-	-	-	-	-
R	R-relative	2016	0.918	-	2
F	F-1/yr	2016	0.331	-	4 to 7
ER	-	-	-	-	-
TC	TC-MT	2016	39,500		
TL	TL-MT	2016	39,500		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
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]

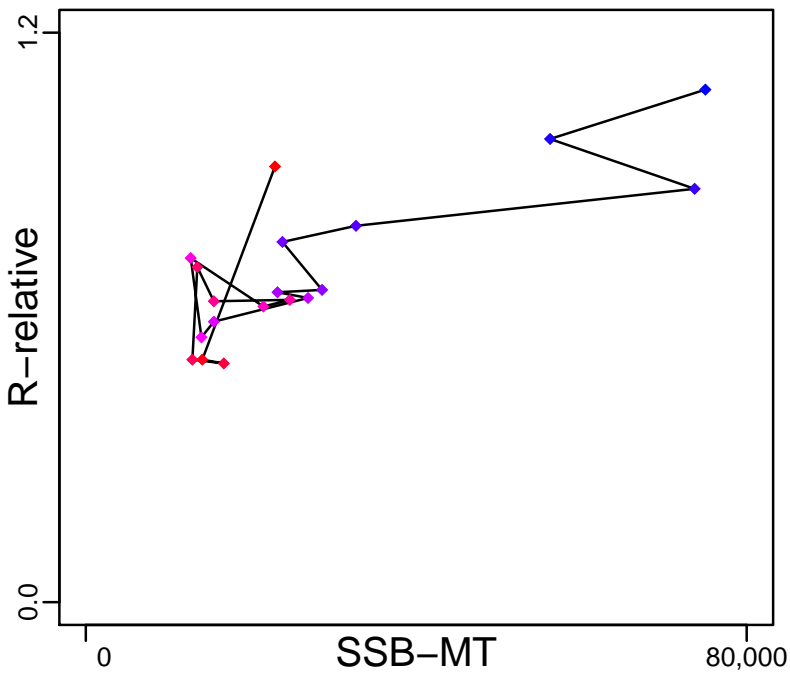
Kobe MSYpref (1982–2016–ICESIMP2016)



Kobe MGTpref (1982–2016–ICESIMP2016)



Spawner Recruit (1982–2016–ICESIMP2016)



Production*



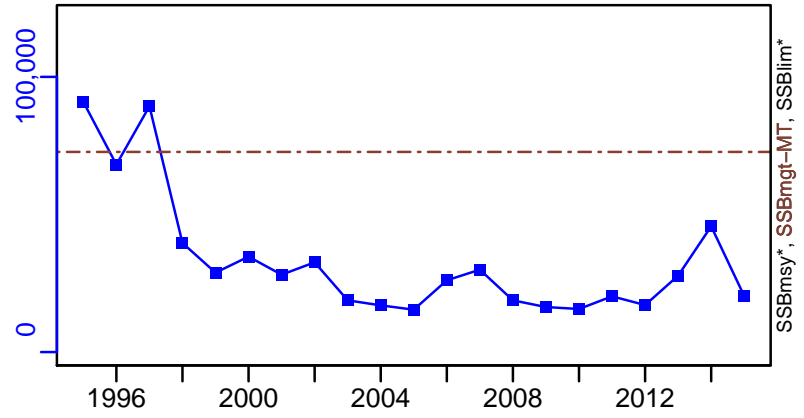
◆ Start Year ◆ End Year * No Data

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

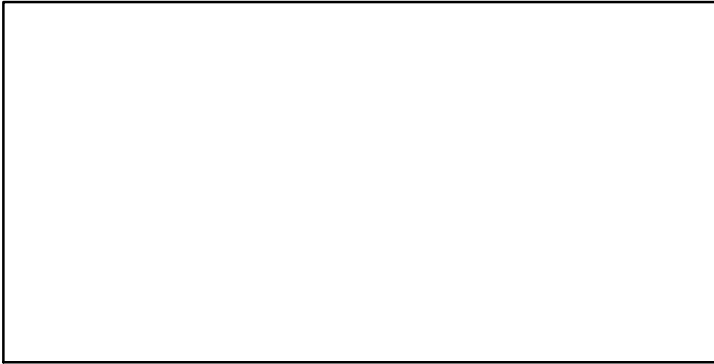
TB*



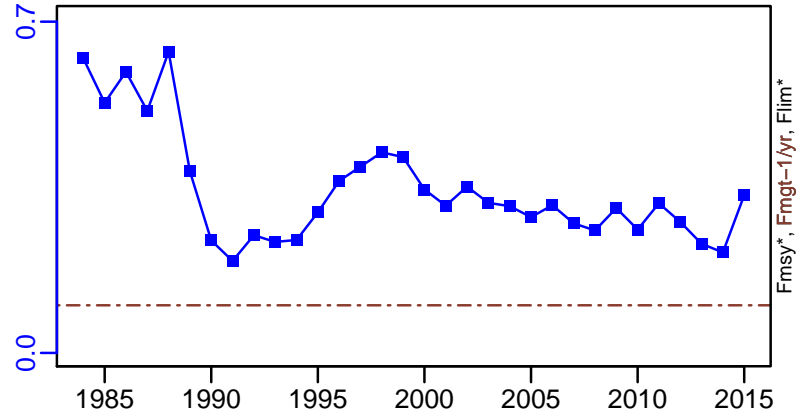
SSB-MT (1982–2016–ICESIMP2016)



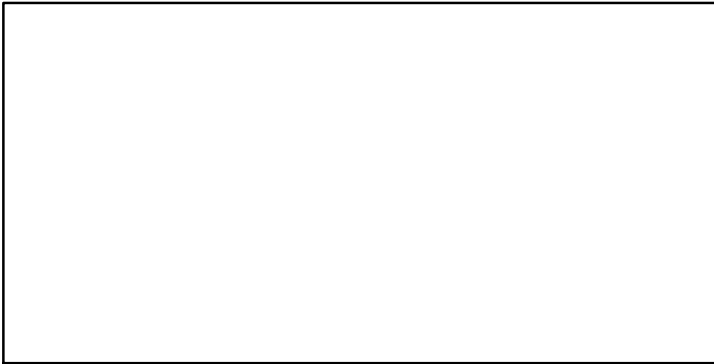
TN *



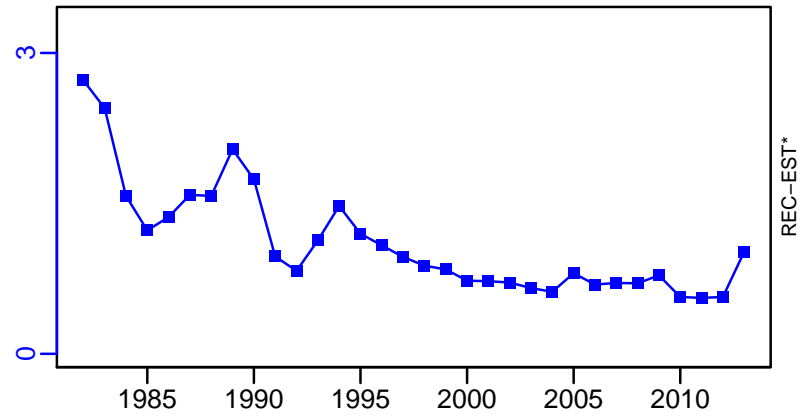
F-1/yr (1982–2016–ICESIMP2016)



ER*



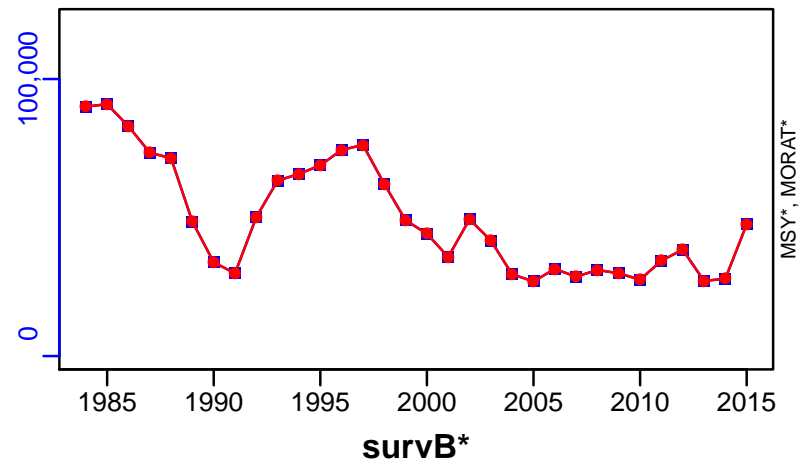
R-relative (1982–2016–ICESIMP2016)



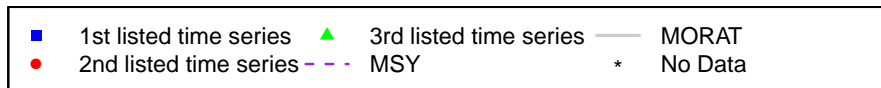
Atlantic cod Northeast Arctic (Norwegian coastal waters) [CODNEARNCW]

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

TAC*, Cpair*, Cadv*



EFFORT*



Greenland halibut Northeast Arctic [GHALNEAR]

Metadata	
Scientific Name	Reinhardtius hippoglossoides
Current Assess ID	AFWG-GHALNEAR-1992-2015-ICESIMP2016
Area	North-East Arctic
Management Authority	International Council for the Exploration of the Sea
Assessor	Arctic Fisheries Working Group
Asmts in RAM	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	2010	211,000	Both	5+
SSB	SSB-MT	2015	734,000	Both	-
TN	-	-	-	-	-
R	R-E00	2015	1×10^6	-	1
F	F-1/yr	2010	0.061	-	6 to 10
ER	ER-ratio	2015	0.03	-	-
TC	TC-MT	2015	22,200		
TL	TL-MT	2010	15,700		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

Greenland halibut Northeast Arctic [GHALNEAR]

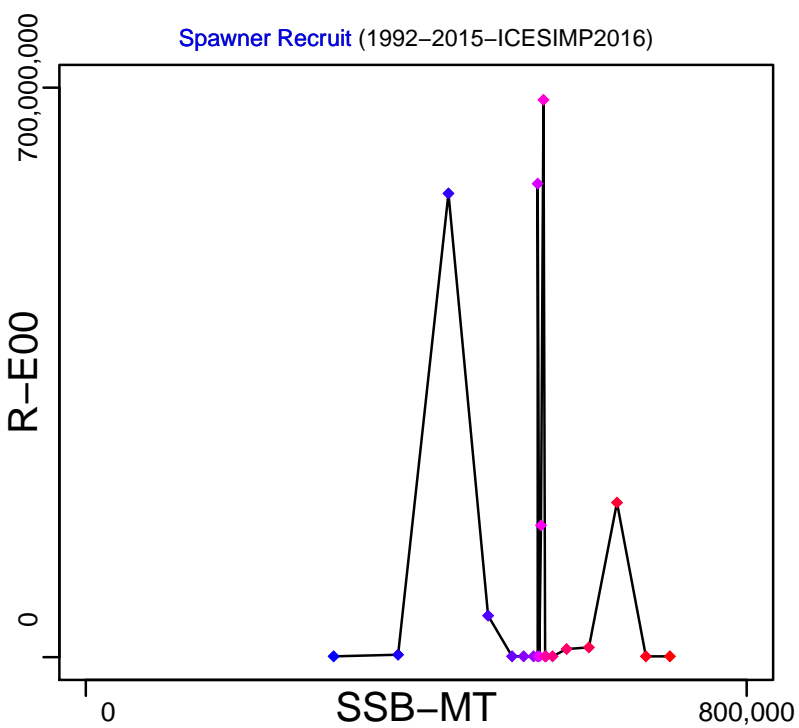
Kobe MSY*



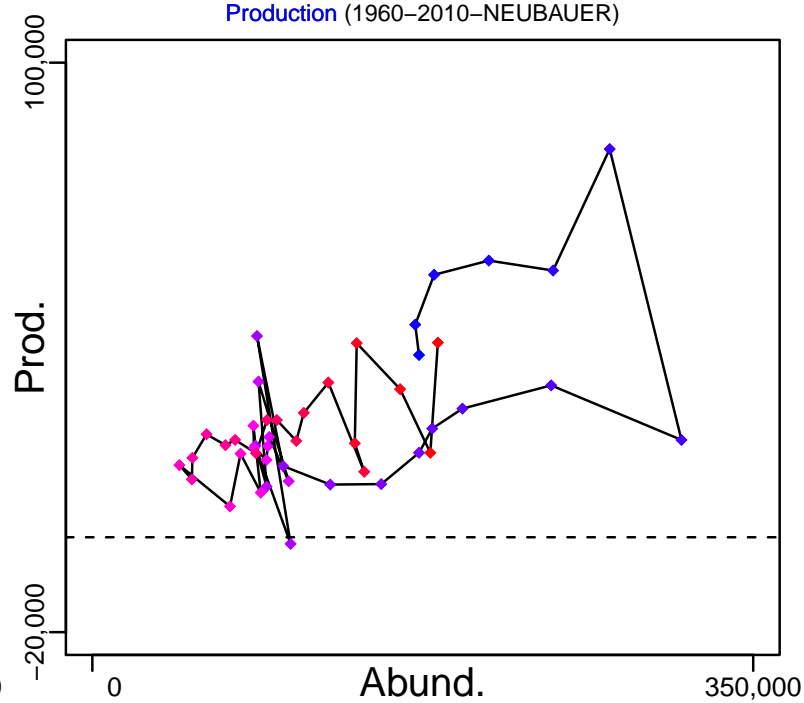
Kobe MGT*



Spawner Recruit (1992–2015–ICESIMP2016)

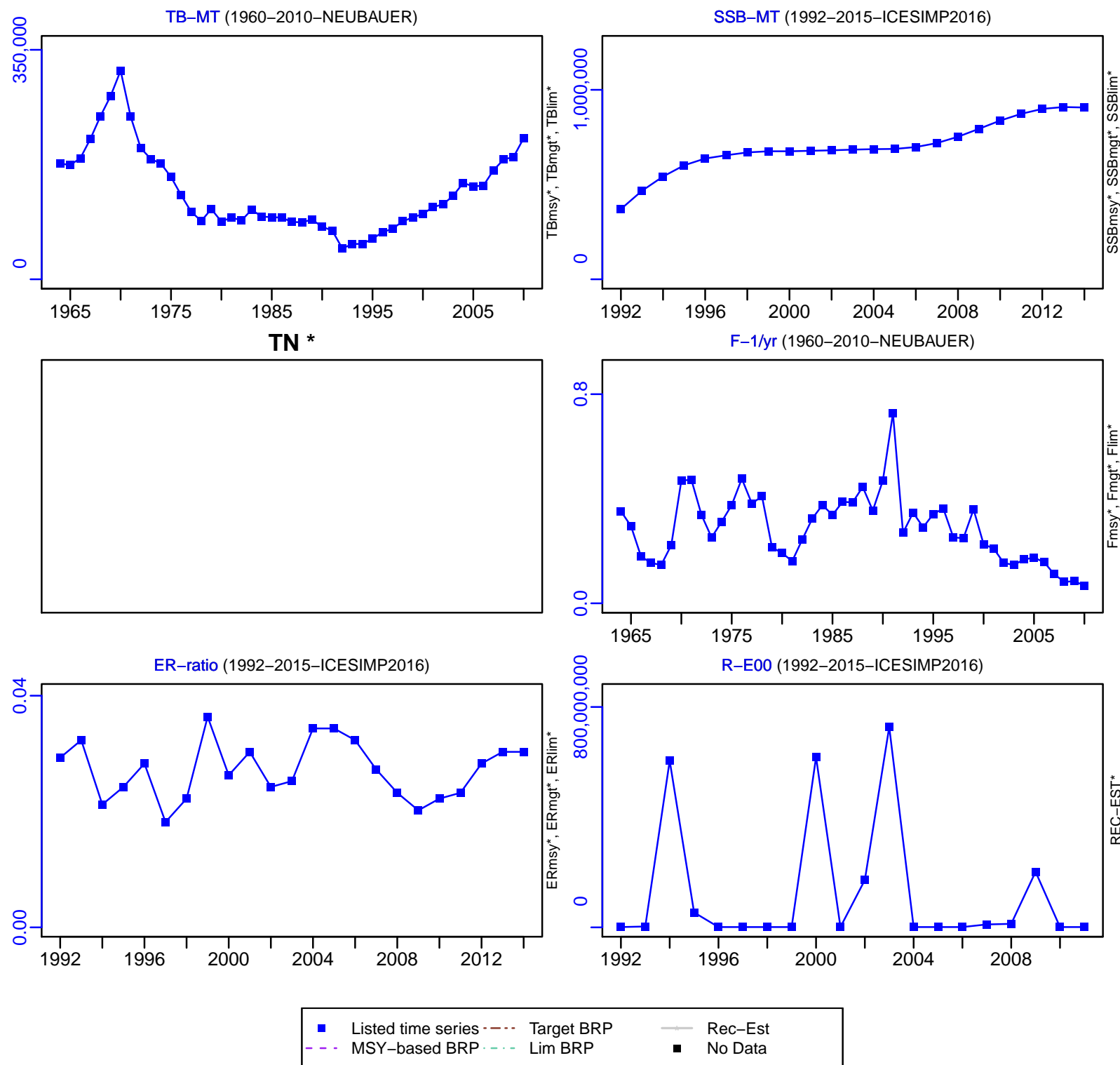


Production (1960–2010–NEUBAUER)



◆ Start Year ◆ End Year * No Data

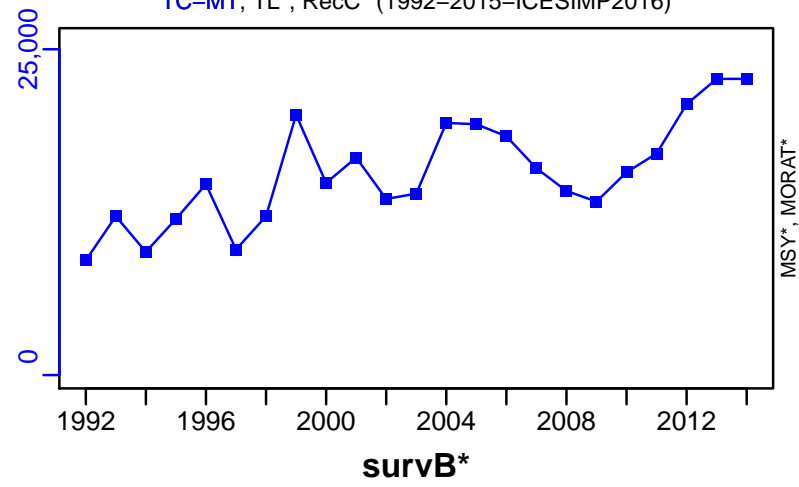
Greenland halibut Northeast Arctic [GHALNEAR]



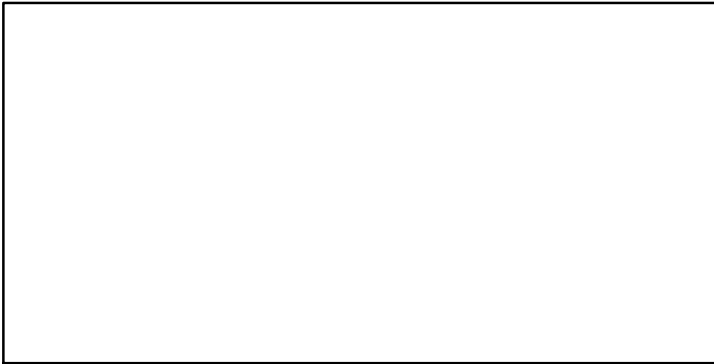
Greenland halibut Northeast Arctic [GHALNEAR]

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

TAC*, Cpair*, Cadv*



EFFORT*



Golden Redfish Northeast Arctic [GOLDREDNEAR]

Metadata	
Scientific Name	Sebastes norvegicus
Current Assess ID	AFWG-GOLDREDNEAR-1908-2016-ICESIMP2016
Area	North-East Arctic
Management Authority	International Council for the Exploration of the Sea
Assessor	Arctic Fisheries Working Group
Asmts in RAM	2016, 2010

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

Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	TB-MT	2010	39,000	Both	4+
SSB	SSB-relative	2016	0.255	Both	-
TN	-	-	-	-	-
R	R-relative	2016	0.04	-	3
F	F-relative	2016	1.39	-	12 to 19
ER	ER-ratio	2010	0.199	-	-
TC	TC-MT	2010	7740		
TL	TL-MT	2016	3630		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

Golden Redfish Northeast Arctic [GOLDREDNEAR]

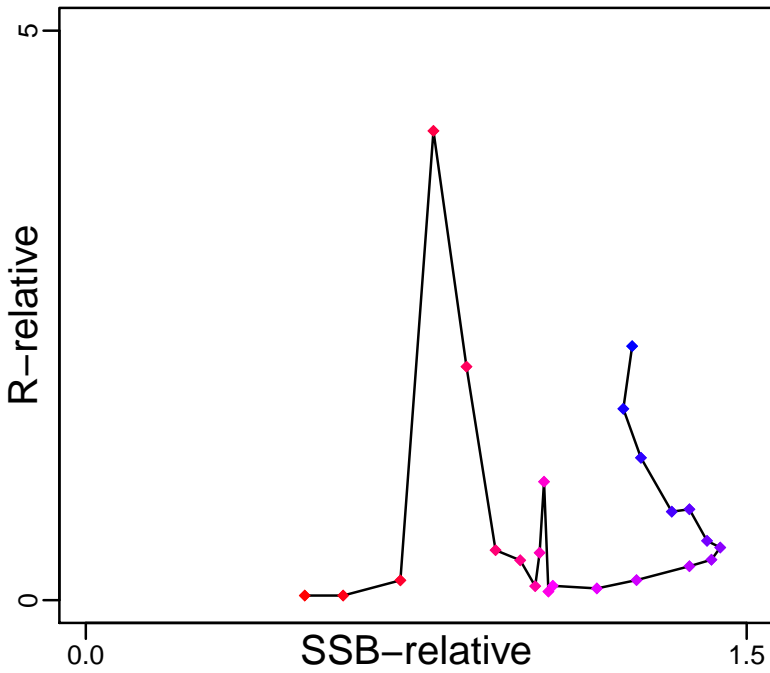
Kobe MSY*



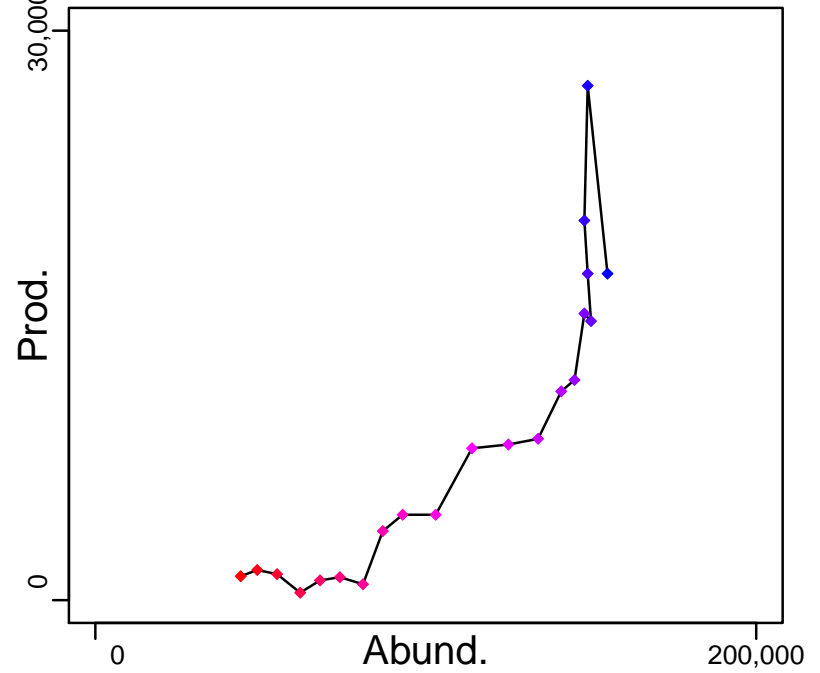
Kobe MGT*



Spawner Recruit (1908–2016–ICESIMP2016)



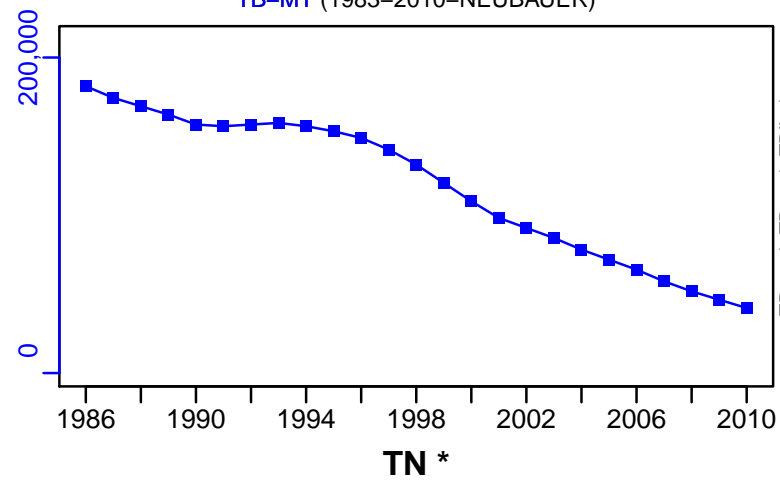
Production (1983–2010–NEUBAUER)



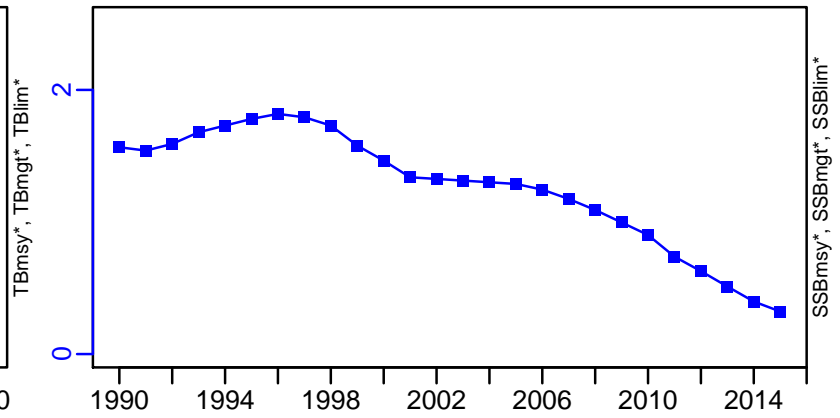
◆ Start Year ◆ End Year * No Data

Golden Redfish Northeast Arctic [GOLDREDNEAR]

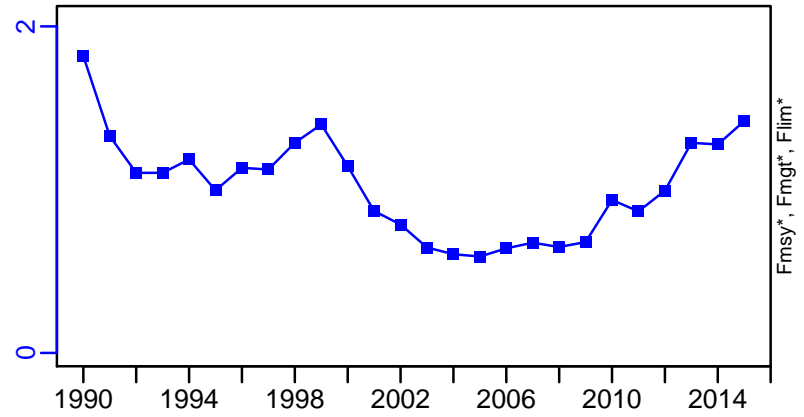
TB-MT (1983–2010–NEUBAUER)



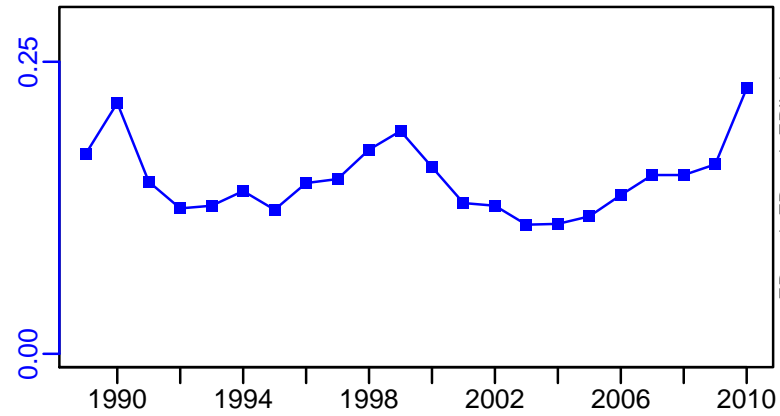
SSB-relative (1908–2016–ICESIMP2016)



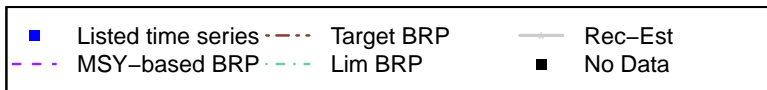
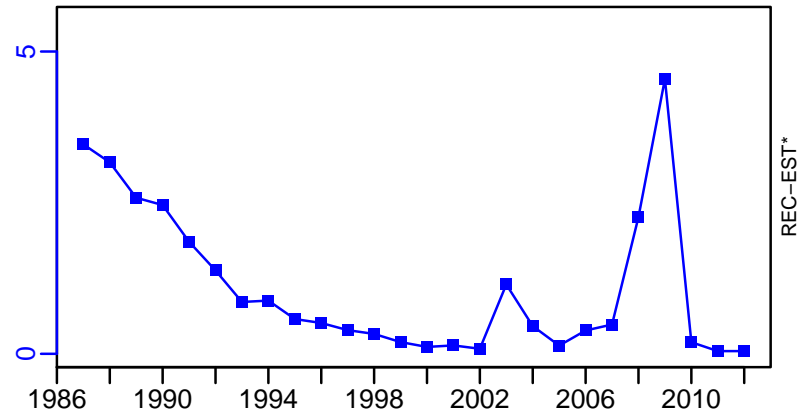
F-relative (1908–2016–ICESIMP2016)



ER-ratio (1983–2010–NEUBAUER)



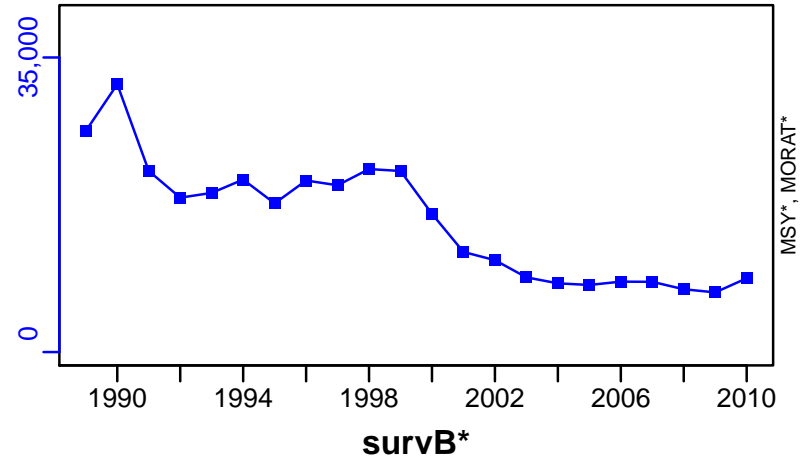
R-relative (1908–2016–ICESIMP2016)



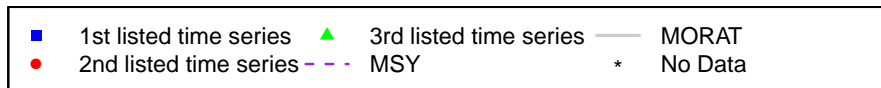
Golden Redfish Northeast Arctic [GOLDREDNEAR]

TC-MT, TL*, RecC* (1983-2010-NEUBAUER)

TAC*, Cpair*, Cadv*



EFFORT*



Greater silver smelt Va and XIV [GSSMELTVa-XIV]

Metadata	
Scientific Name	Argentina silus
Current Assess ID	WGDEEP-GSSMELTVa-XIV-2000-2016-ICESIMP2016
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

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	6060		
TL	TL-MT	2016	6060		
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 Va and XIV [GSSMELTVa–XIV]

TB*



SSB*



TN *



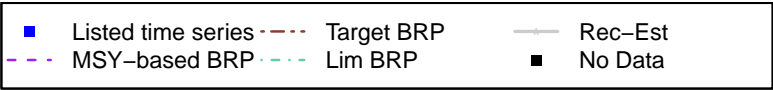
F*



ER*

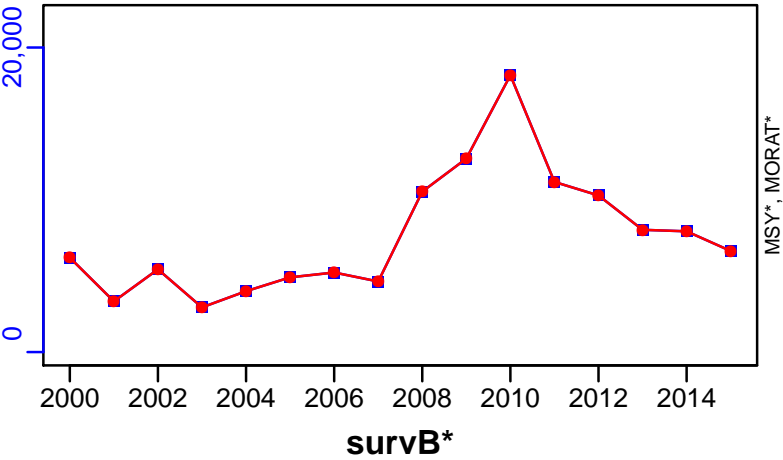


Recruits*



Greater silver smelt Va and XIV [GSSMELTVa–XIV]

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



TAC*, Cpair*, Cadv*



CPUE*



EFFORT*



Haddock Faroe Plateau [HADFAPL]

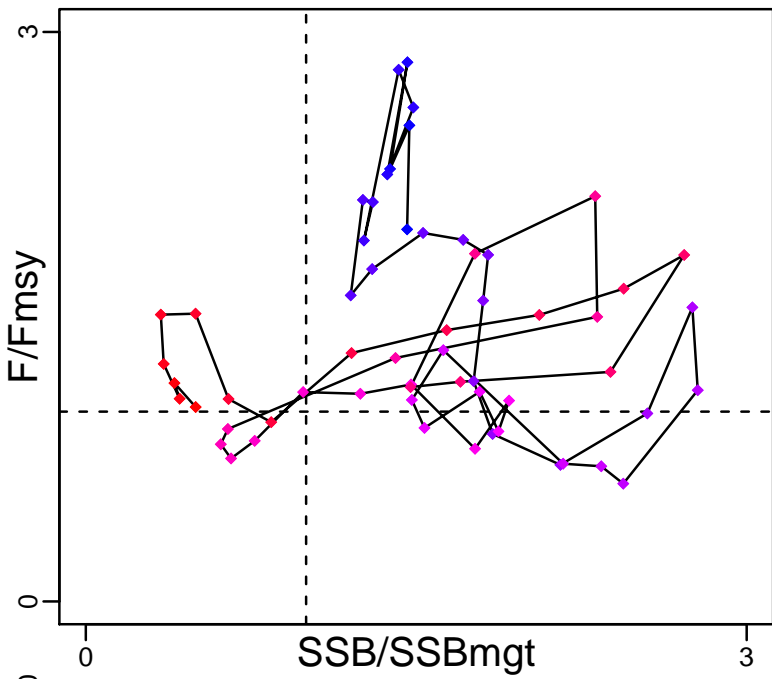
Metadata	
Scientific Name	Melanogrammus aeglefinus
Current Assess ID	NWWG-HADFAPL-1955-2016-ICESIMP2016
Area	Faroe Plateau
Management Authority	International Council for the Exploration of the Sea
Assessor	North-Western Working Group
Asmts in RAM	2012, 2013, 2014, 2015, 2016

Reference Points			
Type	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	-	-	-
Fmsy	Fmsy-1/yr	2016	0.25
ERmsy	-	-	-
TBmgt	-	-	-
SSBmgt	SSBmgt-MT	2016	35,000
Fmgt	Fmgt-1/yr	2016	0.25
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	MSY-MT	2012	35,000
M	-	-	-
TBlim	-	-	-
SSBlim	SSBlim-MT	2016	22,000
Flim	Flim-1/yr	2016	0.4
ERlim	-	-	-

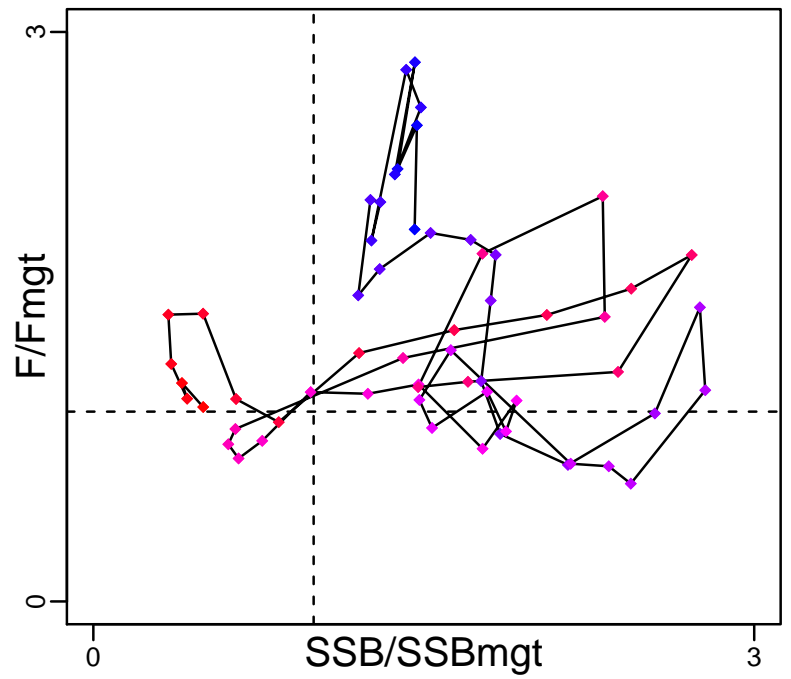
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	TB-MT	2016	26,000	Both	-
SSB	SSB-MT	2016	20,100	Both	-
TN	-	-	-	-	-
R	R-E00	2016	6,830,000	-	2
F	F-1/yr	2016	0.256	-	3 to 7
ER	ER-calc-ratio	2016	0.131	-	-
TC	TC-MT	2016	3400		
TL	TL-MT	2016	3400		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	F-1/yr/Fmsy-1/yr	2016	1.024		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2016	0.573		
F/Fmgt	F-1/yr/Fmgt-1/yr	2016	1.024		
ER/ERmgt	-	-	-		

Haddock Faroe Plateau [HADFAPL]

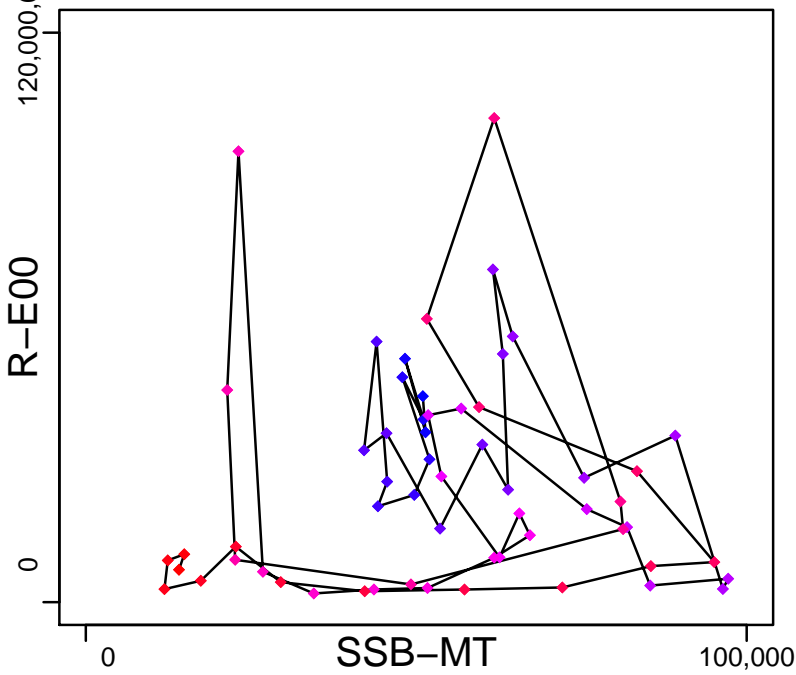
Kobe MSYpref (1955–2016–ICESIMP2016)



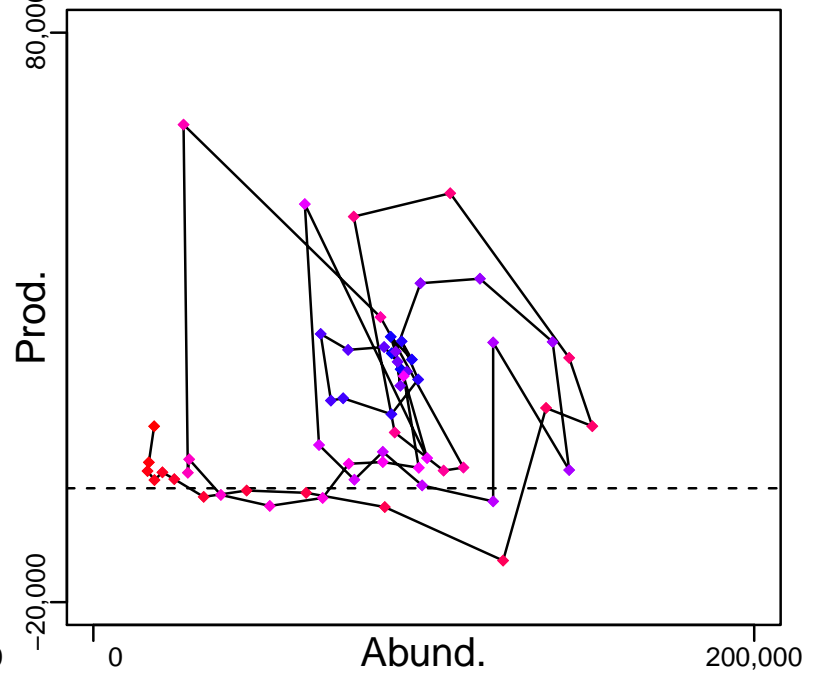
Kobe MGTpref (1955–2016–ICESIMP2016)



Spawner Recruit (1955–2016–ICESIMP2016)



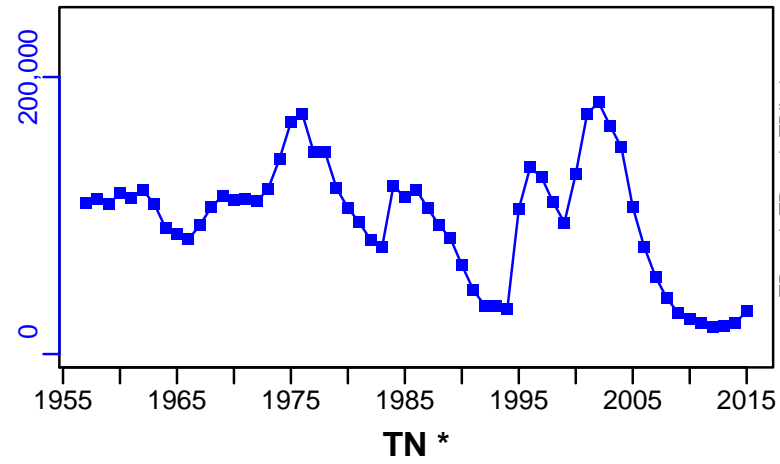
Production (1955–2016–ICESIMP2016)



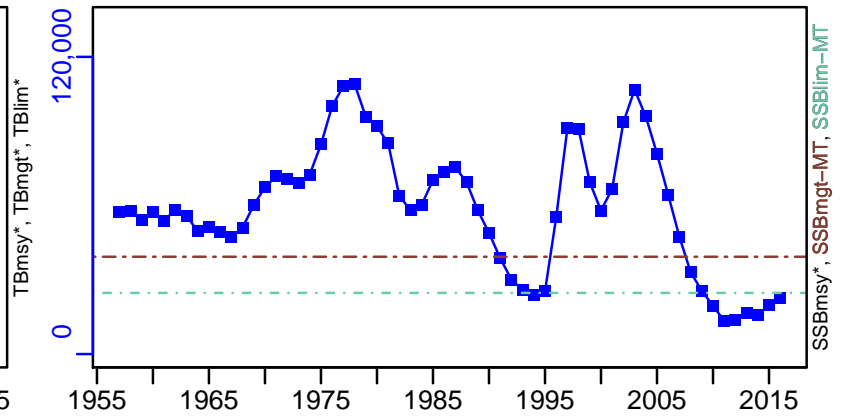
◆ Start Year ◆ End Year * No Data

Haddock Faroe Plateau [HADFAPL]

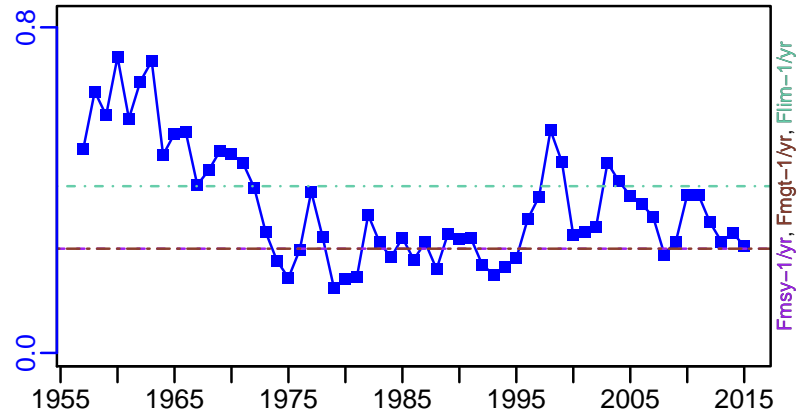
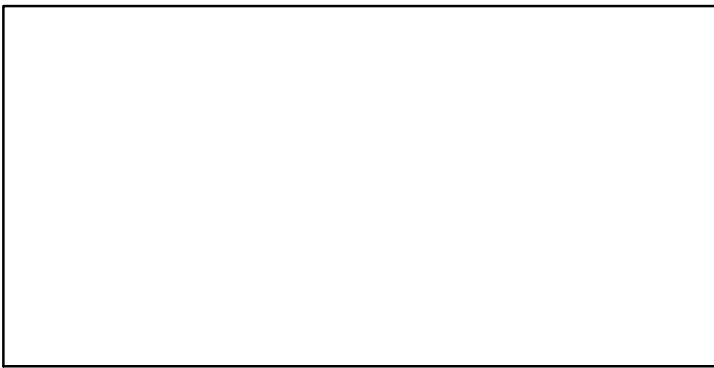
TB-MT (1955–2016–ICESIMP2016)



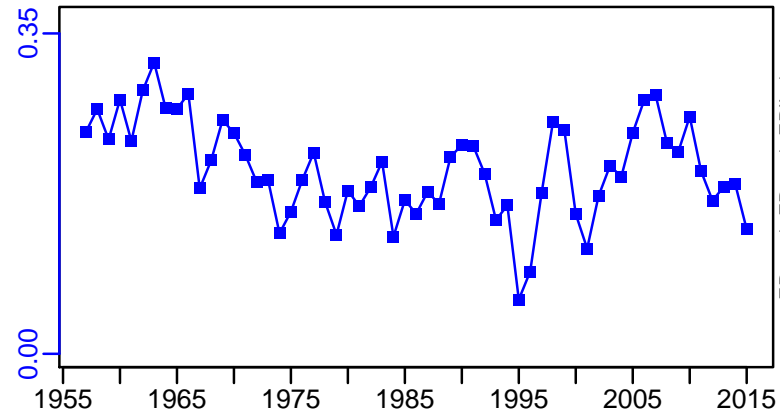
SSB-MT (1955–2016–ICESIMP2016)



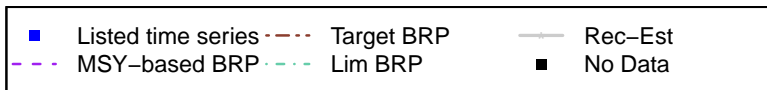
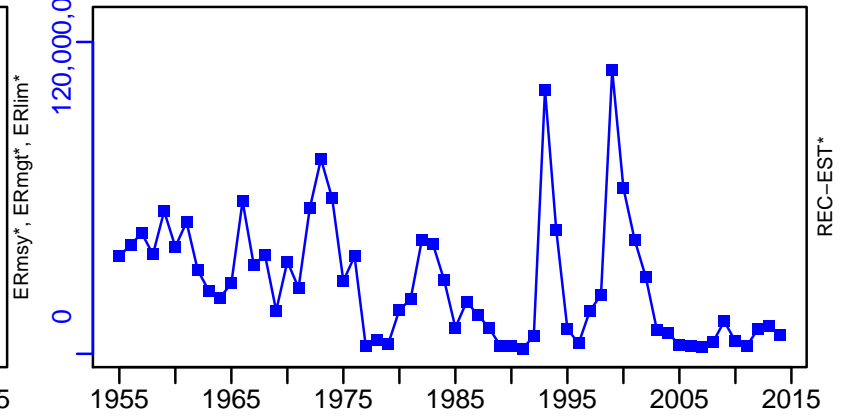
F-1/yr (1955–2016–ICESIMP2016)



ER-calc-ratio (1955–2016–ICESIMP2016)

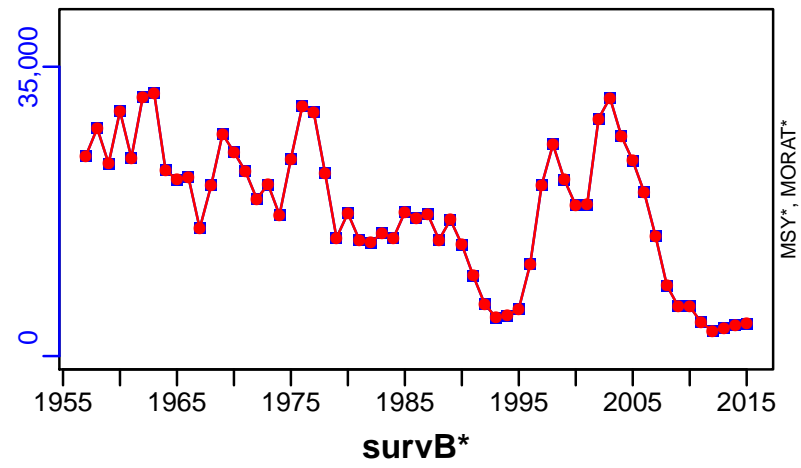


R-E00 (1955–2016–ICESIMP2016)



Haddock Faroe Plateau [HADFAPL]

TC-MT, TL-MT, RecC* (1955–2016–ICESIMP2016)



TAC*, Cpair*, Cadv*



CPUE*



EFFORT*



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

Haddock Iceland [HADICE]

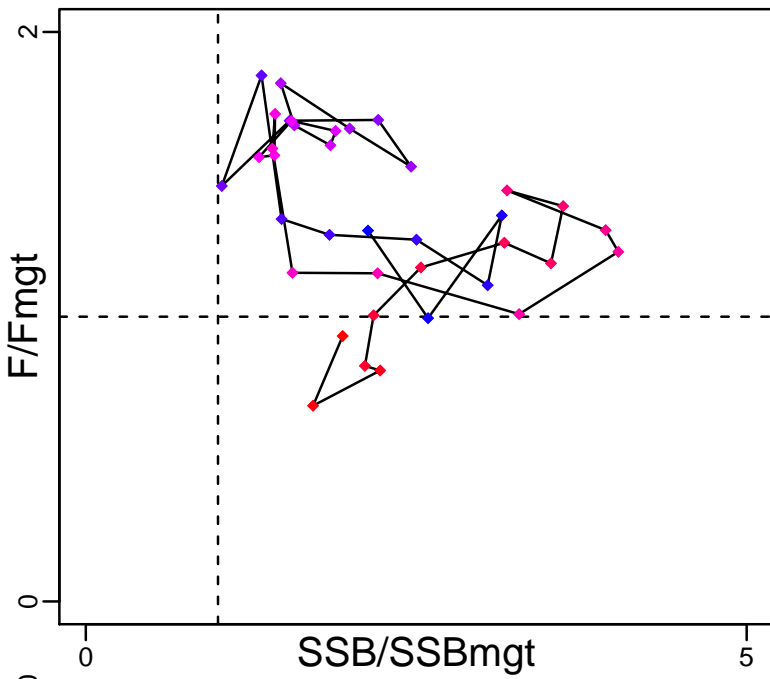
Metadata	
Scientific Name	Melanogrammus aeglefinus
Current Assess ID	NWWG-HADICE-1977-2016-ICESIMP2016
Area	Iceland Grounds
Management Authority	International Council for the Exploration of the Sea
Assessor	North-Western Working Group
Asmts in RAM	2012, 2013, 2014, 2015, 2016

Reference Points			
Type	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	-	-	-
Fmsy	-	-	-
ERmsy	-	-	-
TBmgt	-	-	-
SSBmgt	SSBmgt-MT	2016	45,000
Fmgt	Fmgt-1/yr	2016	0.4
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	-	-	-
M	-	-	-
TBlim	TBlim-MT	2012	45,000
SSBlim	SSBlim-MT	2016	45,000
Flim	-	-	-
ERlim	-	-	-

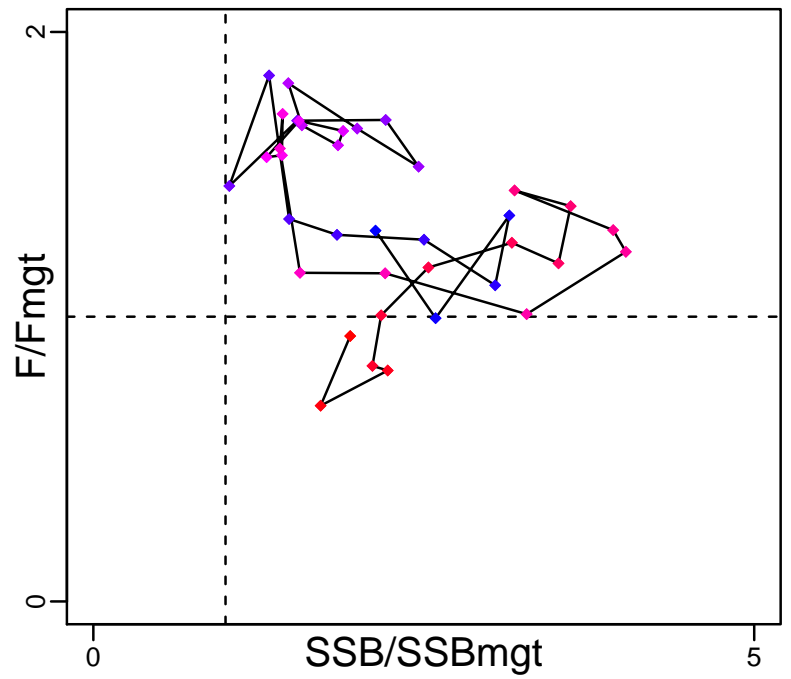
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	TB-MT	2013	120,000	Both	-
SSB	SSB-MT	2016	76,700	Both	-
TN	-	-	-	-	-
R	R-E00	2016	1.2×10^8	-	2
F	F-1/yr	2016	0.373	-	4 to 7
ER	ER-calc-ratio	2013	0.343	-	-
TC	TC-MT	2014	44,100		
TL	TL-MT	2016	39,600		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2016	1.705		
F/Fmgt	F-1/yr/Fmgt-1/yr	2016	0.932		
ER/ERmgt	-	-	-		

Haddock Iceland [HADICE]

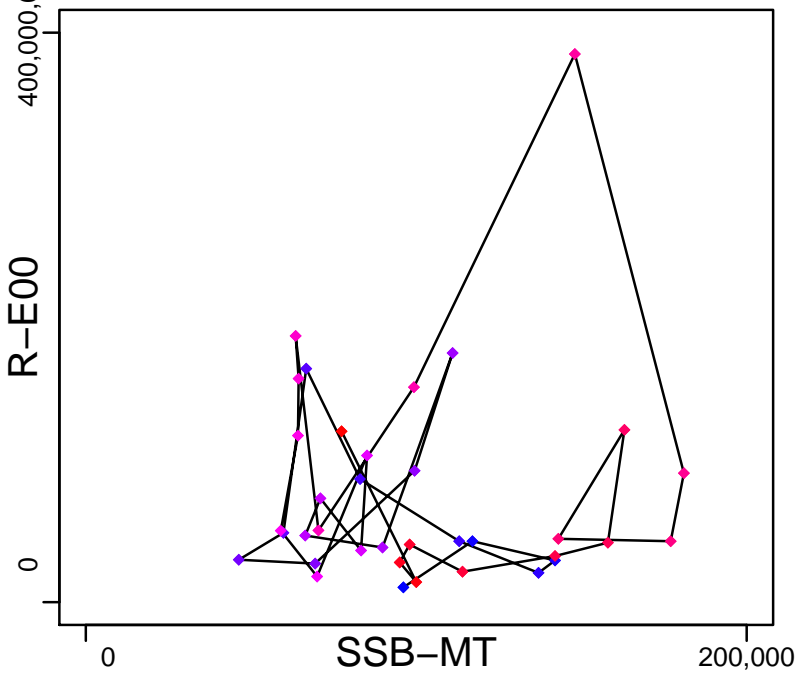
Kobe MSYpref (1977–2016–ICESIMP2016)



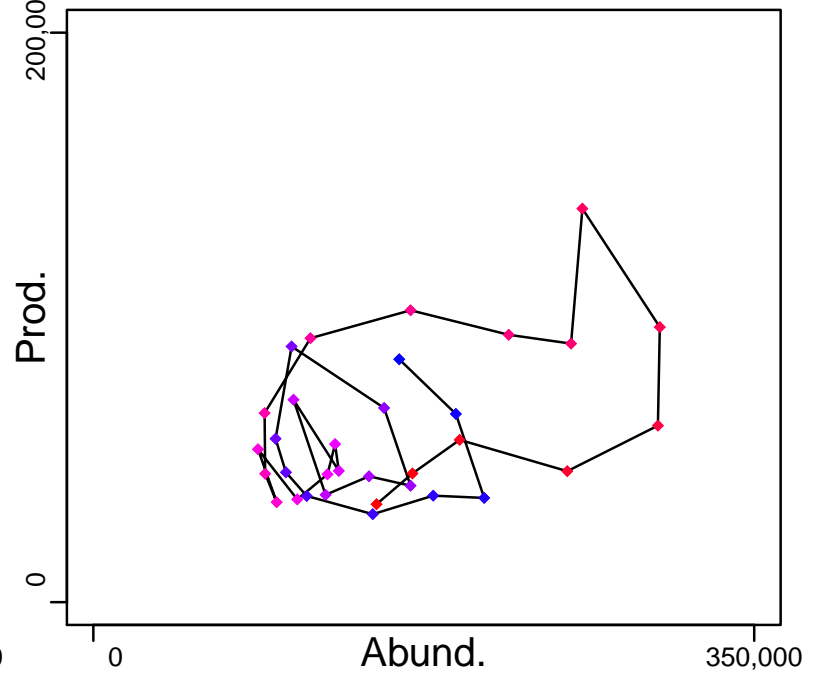
Kobe MGTpref (1977–2016–ICESIMP2016)



Spawner Recruit (1977–2016–ICESIMP2016)



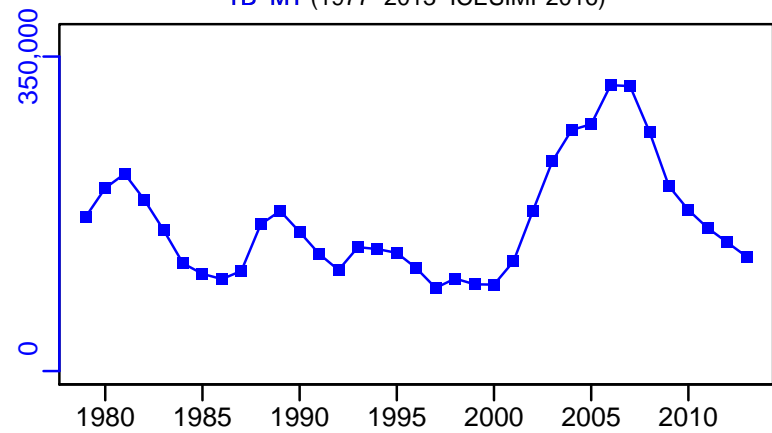
Production (1977–2013–ICESIMP2016)



◆ Start Year ◆ End Year * No Data

Haddock Iceland [HADICE]

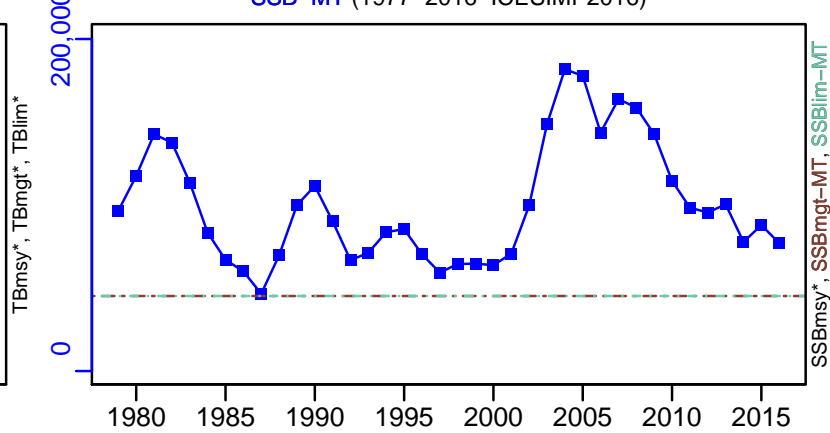
TB-MT (1977–2013–ICESIMP2016)



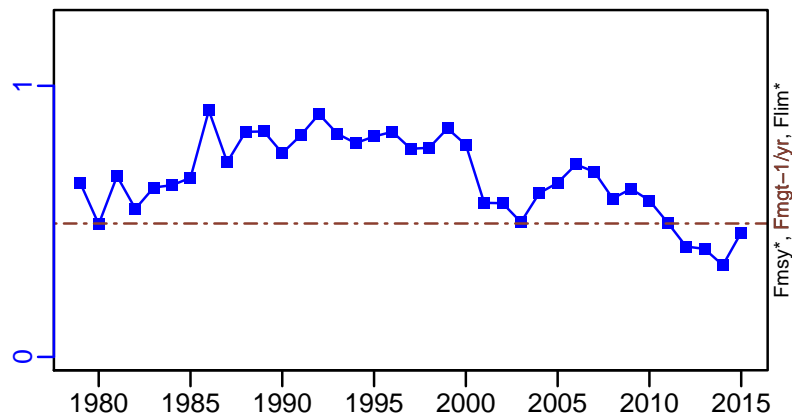
TN *



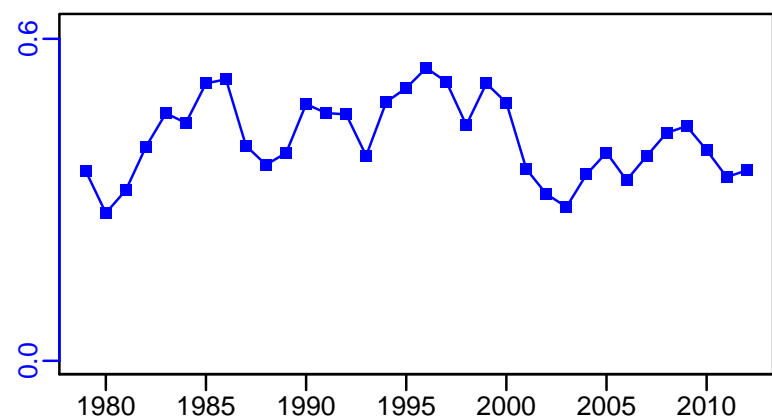
SSB-MT (1977–2016–ICESIMP2016)



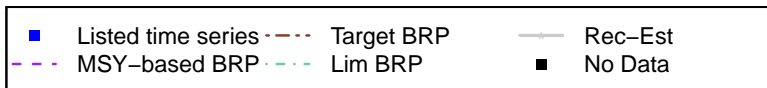
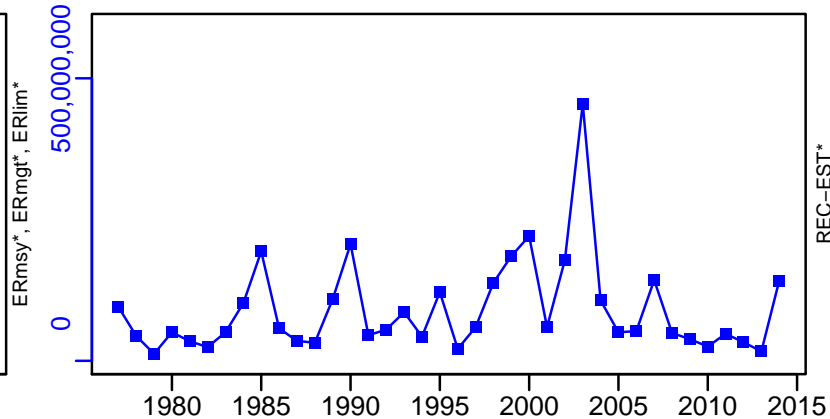
F-1/yr (1977–2016–ICESIMP2016)



ER-calc-ratio (1977–2013–ICESIMP2016)

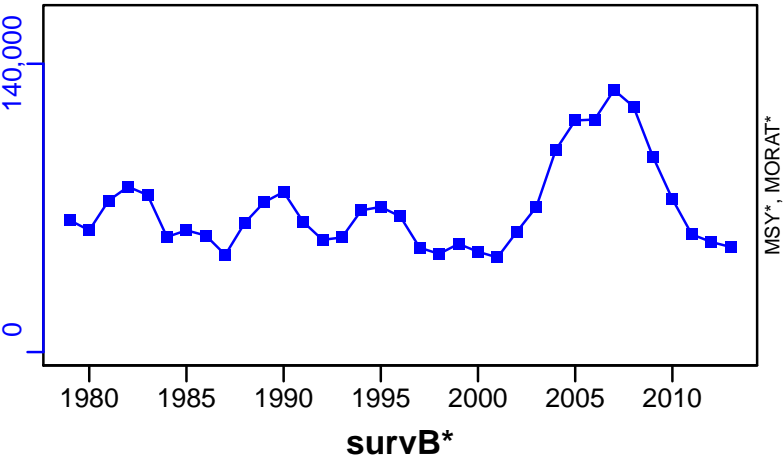


R-E00 (1977–2016–ICESIMP2016)



Haddock Iceland [HADICE]

TC-MT, TL*, RecC* (1977-2014-ICESIMP2016)



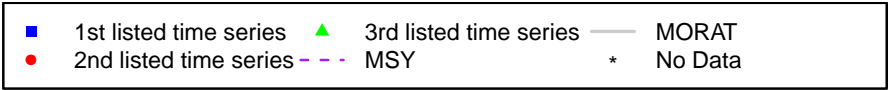
TAC*, Cpair*, Cadv*



CPUE*



EFFORT*



Haddock Northeast Arctic [HADNEAR]

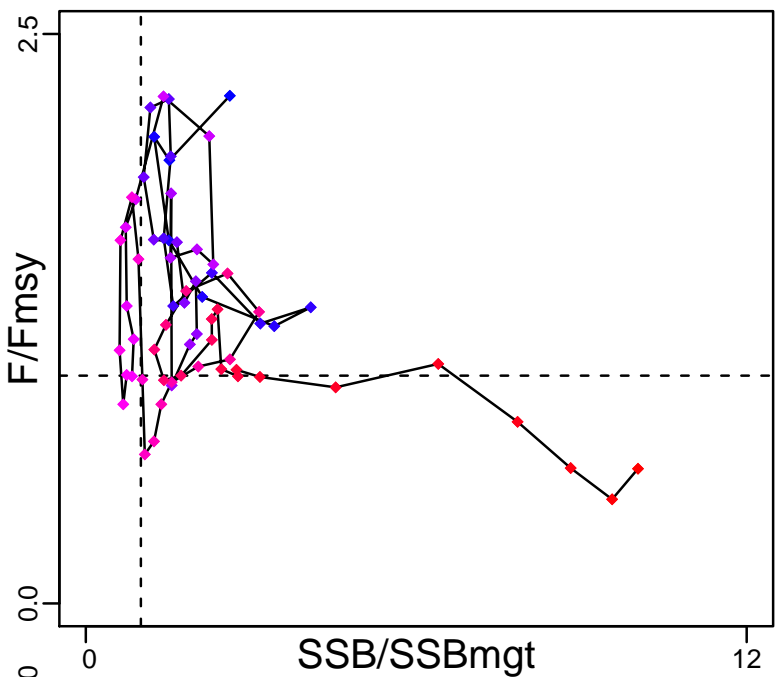
Metadata	
Scientific Name	Melanogrammus aeglefinus
Current Assess ID	AFWG-HADNEAR-1947-2016-ICESIMP2016
Area	North-East Arctic
Management Authority	International Council for the Exploration of the Sea
Assessor	Arctic Fisheries Working Group
Asmts in RAM	2012, 2013, 2014, 2015, 2016

Reference Points			
Type	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	-	-	-
Fmsy	Fmsy-1/yr	2016	0.35
ERmsy	-	-	-
TBmgt	-	-	-
SSBmgt	SSBmgt-MT	2016	80,000
Fmgt	Fmgt-1/yr	2016	0.35
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	-	-	-
M	-	-	-
TBlim	-	-	-
SSBlim	SSBlim-MT	2016	80,000
Flim	Flim-1/yr	2016	0.77
ERlim	-	-	-

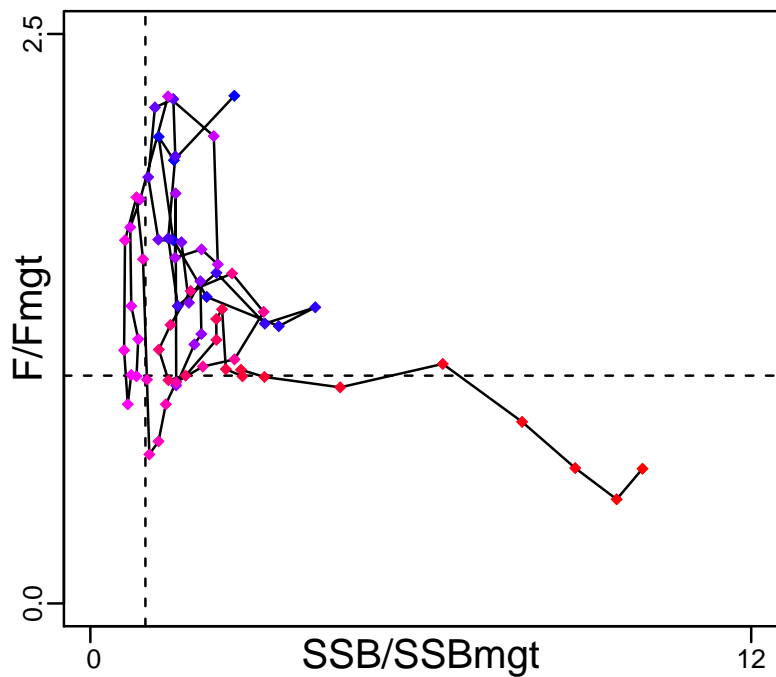
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	TB-MT	2016	1,110,000	Both	-
SSB	SSB-MT	2016	753,000	Both	-
TN	-	-	-	-	-
R	R-E00	2016	2.35×10^8	-	3
F	F-1/yr	2016	0.207	-	4 to 7
ER	ER-calc-ratio	2016	0.175	-	-
TC	TC-MT	2016	195,000		
TL	TL-MT	2016	195,000		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	F-1/yr/Fmsy-1/yr	2016	0.591		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2016	9.419		
F/Fmgt	F-1/yr/Fmgt-1/yr	2016	0.591		
ER/ERmgt	-	-	-		

Haddock Northeast Arctic [HADNEAR]

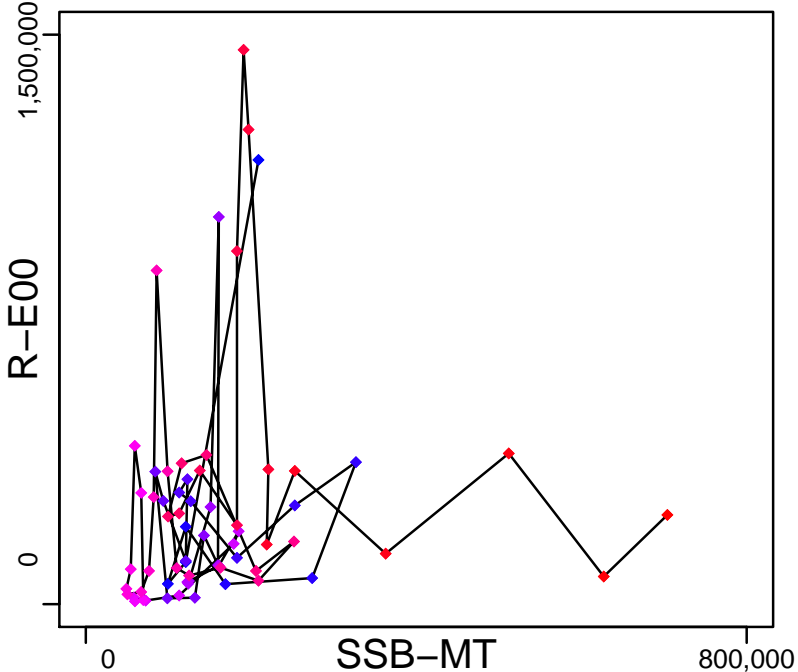
Kobe MSYpref (1947–2016–ICESIMP2016)



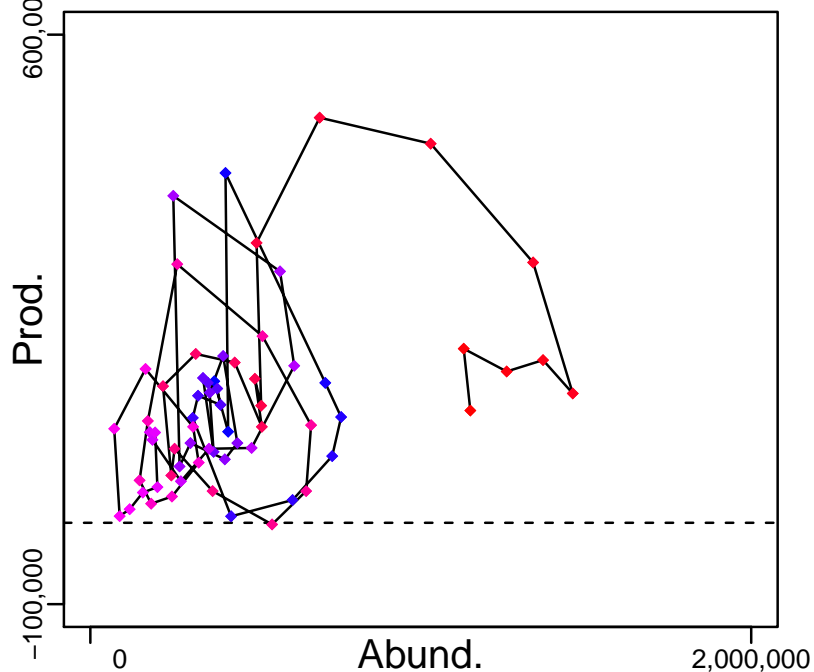
Kobe MGTpref (1947–2016–ICESIMP2016)



Spawner Recruit (1947–2016–ICESIMP2016)



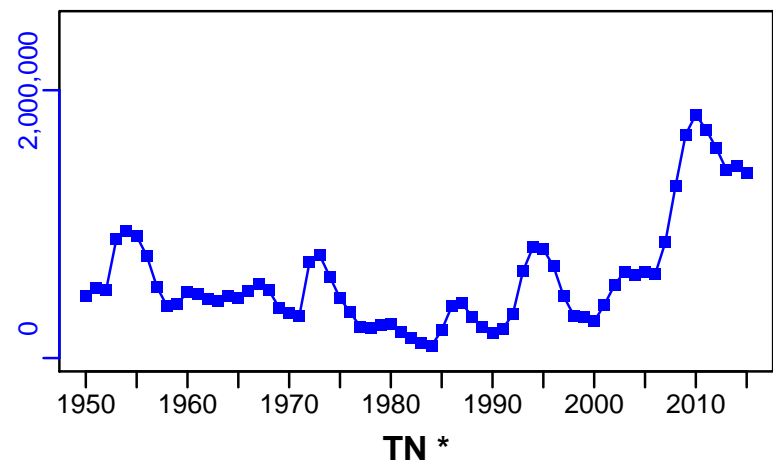
Production (1947–2016–ICESIMP2016)



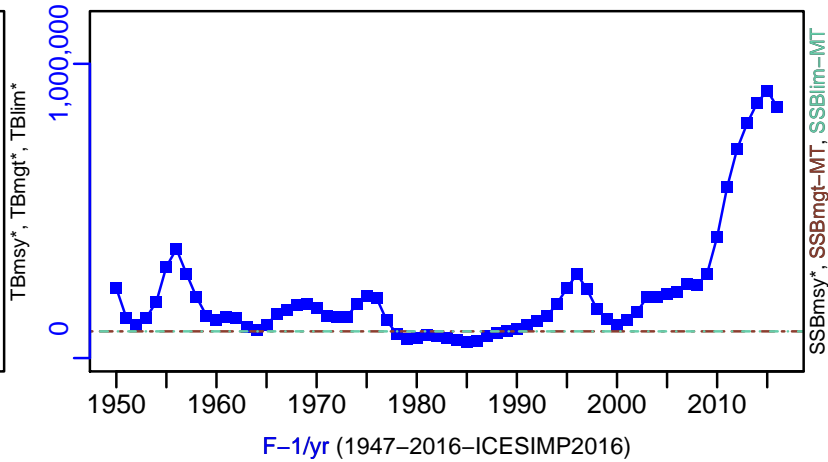
◆ Start Year ◆ End Year * No Data

Haddock Northeast Arctic [HADNEAR]

TB-MT (1947–2016–ICESIMP2016)



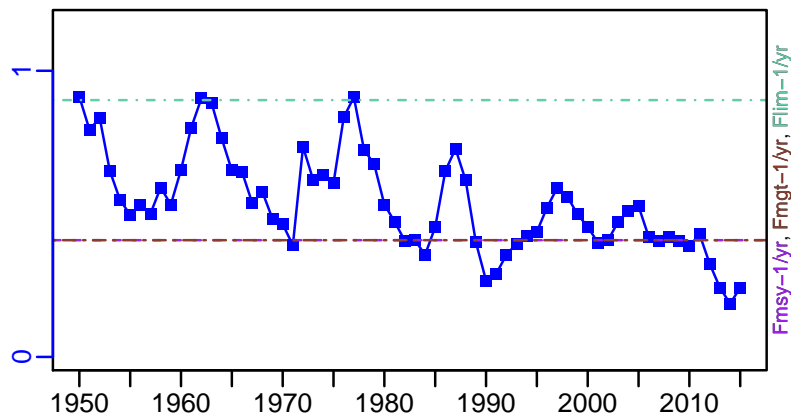
SSB-MT (1947–2016–ICESIMP2016)



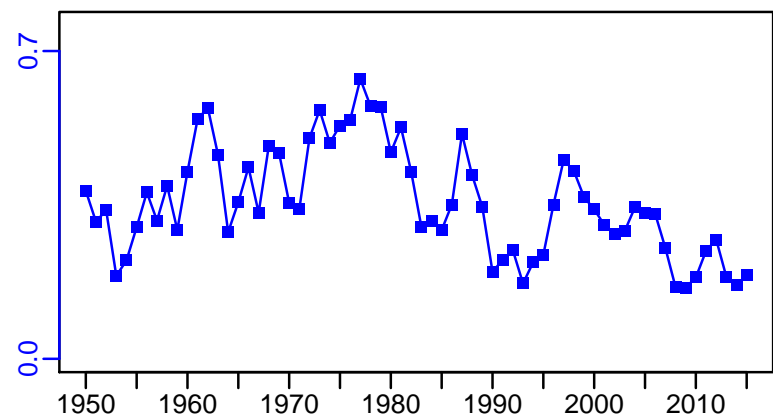
TN *



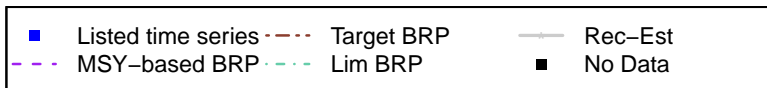
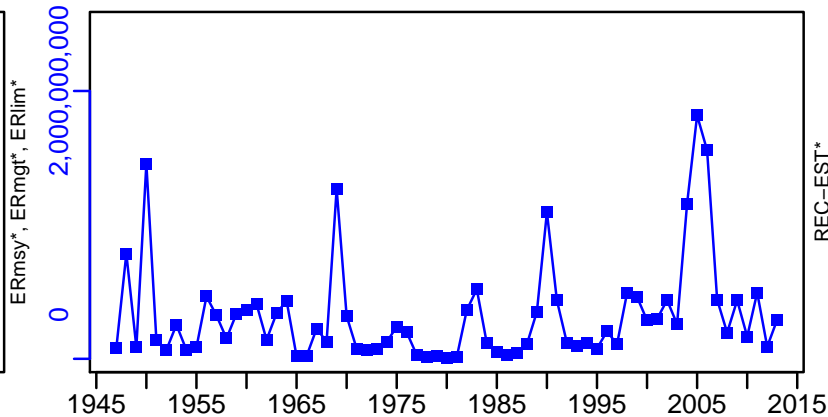
F-1/yr (1947–2016–ICESIMP2016)



ER-calc-ratio (1947–2016–ICESIMP2016)

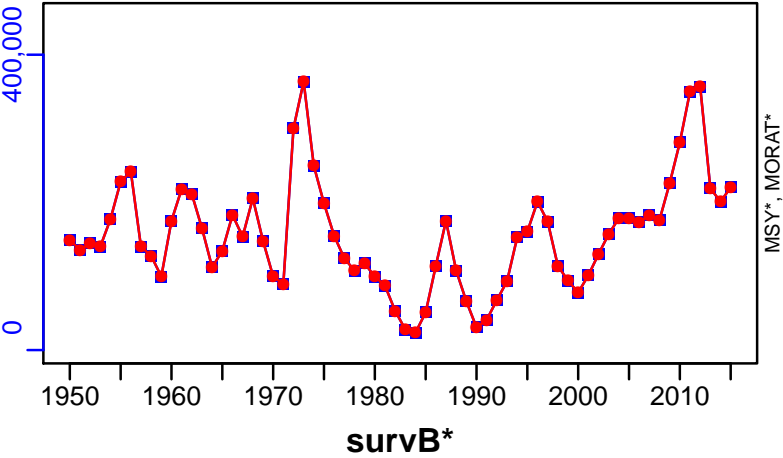


R-E00 (1947–2016–ICESIMP2016)



Haddock Northeast Arctic [HADNEAR]

TC-MT, TL-MT, RecC* (1947-2016-ICESIMP2016)



TAC*, Cpair*, Cadv*



CPUE*



EFFORT*



Herring Iceland (Summer spawners) [HERRIsum]

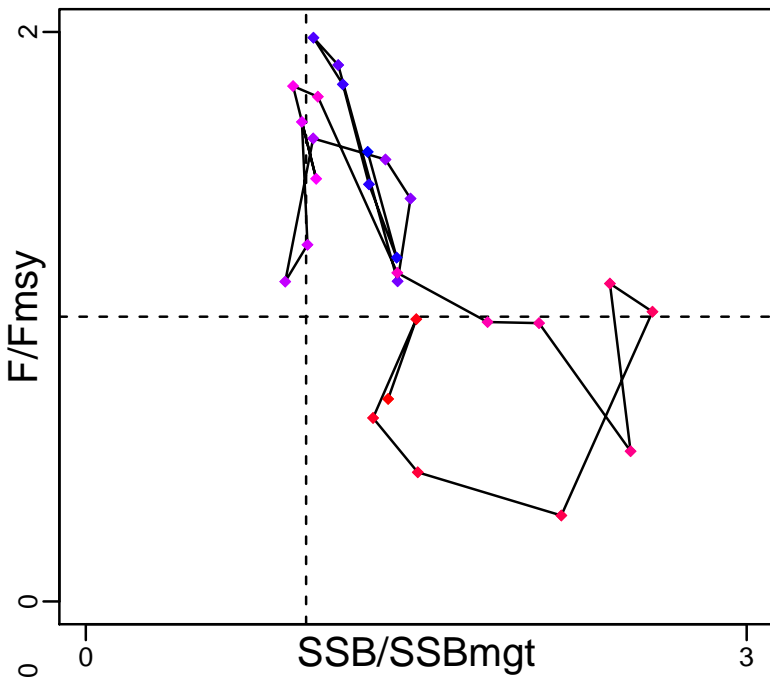
Metadata	
Scientific Name	Clupea harengus
Current Assess ID	NWWG-HERRIsum-1987-2015-ICESIMP2016
Area	Iceland Grounds
Management Authority	International Council for the Exploration of the Sea
Assessor	North-Western Working Group
Asmts in RAM	2011, 2013, 2014, 2015

Reference Points			
Type	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	-	-	-
Fmsy	Fmsy-1/yr	2015	0.22
ERmsy	-	-	-
TBmgt	-	-	-
SSBmgt	SSBmgt-MT	2014	3×10^5
Fmgt	Fmgt-1/yr	2015	0.22
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	-	-	-
M	M-1/yr	2011	0.1
TBlim	TBlim-MT	2011	2×10^5
SSBlim	SSBlim-MT	2015	2×10^5
Flim	-	-	-
ERlim	-	-	-

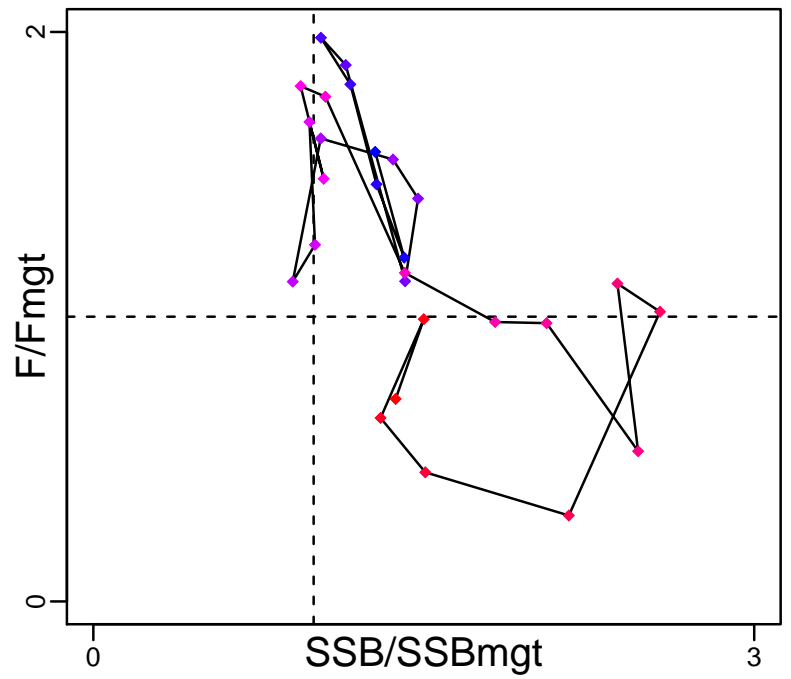
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	TB-MT	2015	438,000	Both	3+
SSB	SSB-MT	2015	342,000	Both	-
TN	-	-	-	-	-
R	R-E00	2015	4.77×10^8	-	0
F	F-1/yr	2015	0.255	-	-
ER	ER-calc-ratio	2015	0.206	-	-
TC	TC-MT	2015	95,000		
TL	TL-MT	2015	95,000		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	F-1/yr/Fmsy-1/yr	2015	1.161		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2014	1.432		
F/Fmgt	F-1/yr/Fmgt-1/yr	2015	1.161		
ER/ERmgt	-	-	-		

Herring Iceland (Summer spawners) [HERRIsum]

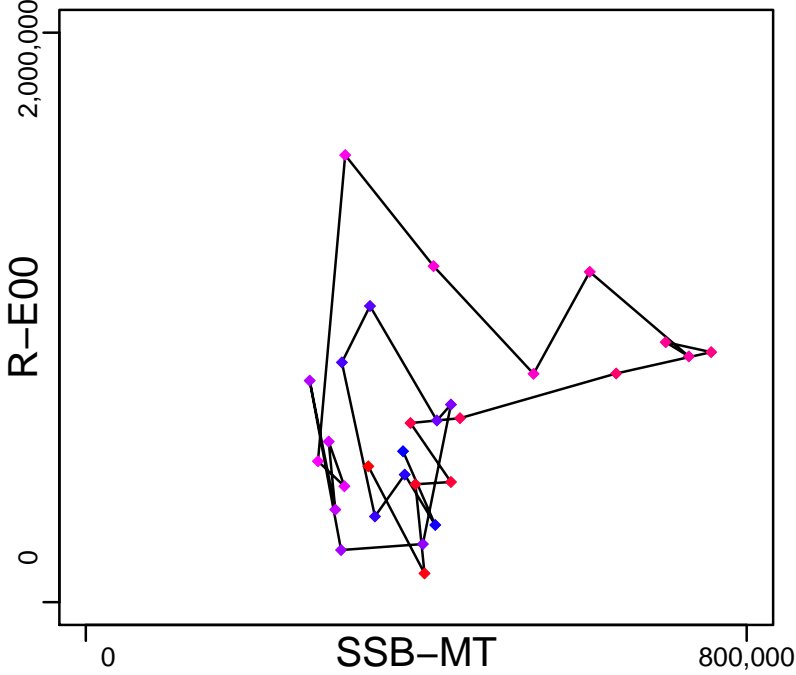
Kobe MSYpref (1984–2014–ICESIMP2016)



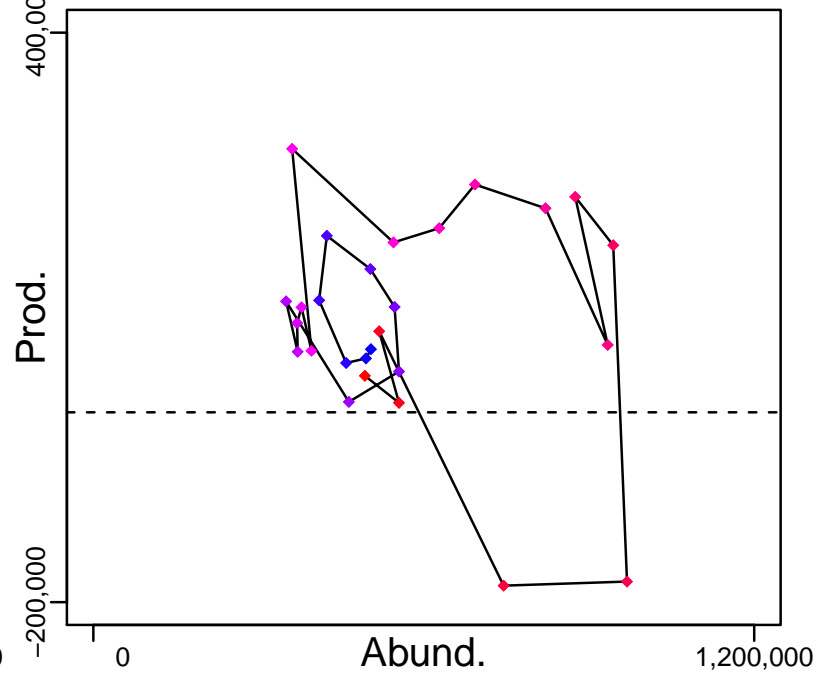
Kobe MGTpref (1984–2014–ICESIMP2016)



Spawner Recruit (1987–2015–ICESIMP2016)



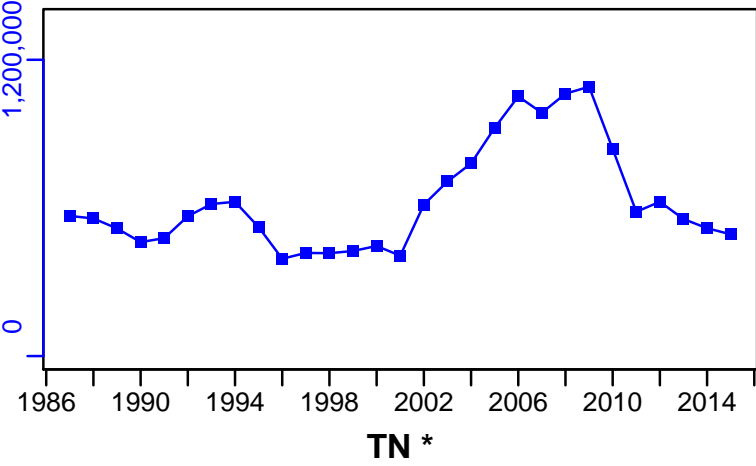
Production (1987–2015–ICESIMP2016)



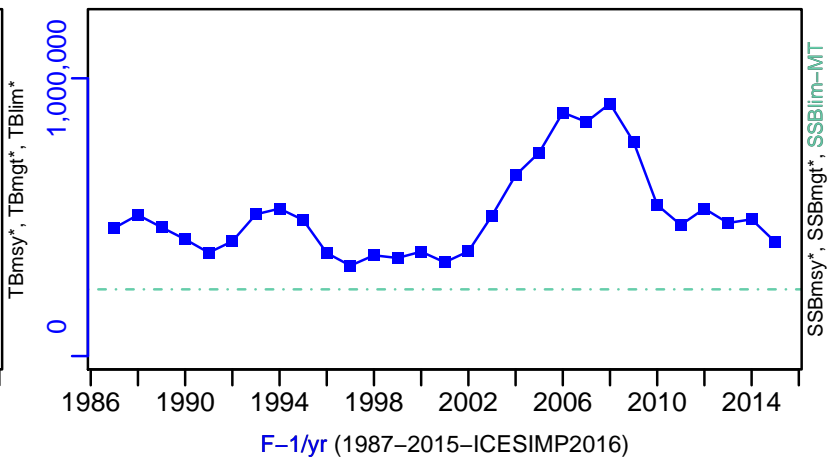
◆ Start Year ◆ End Year * No Data

Herring Iceland (Summer spawners) [HERRIsum]

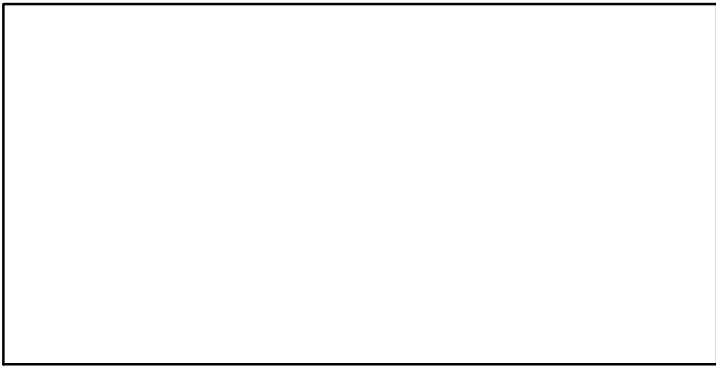
TB-MT (1987–2015–ICESIMP2016)



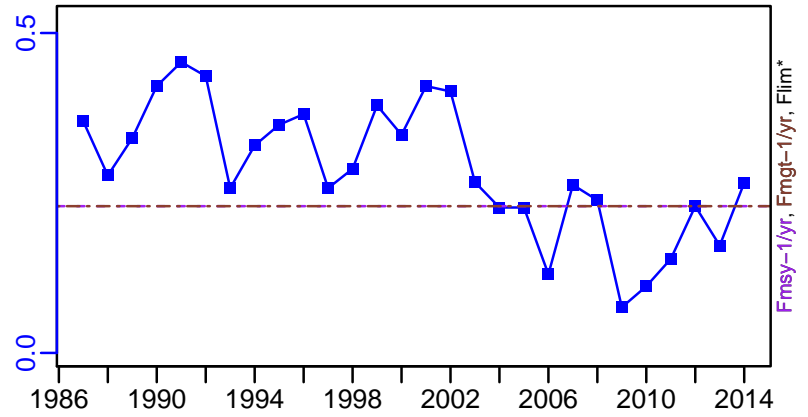
SSB-MT (1987–2015–ICESIMP2016)



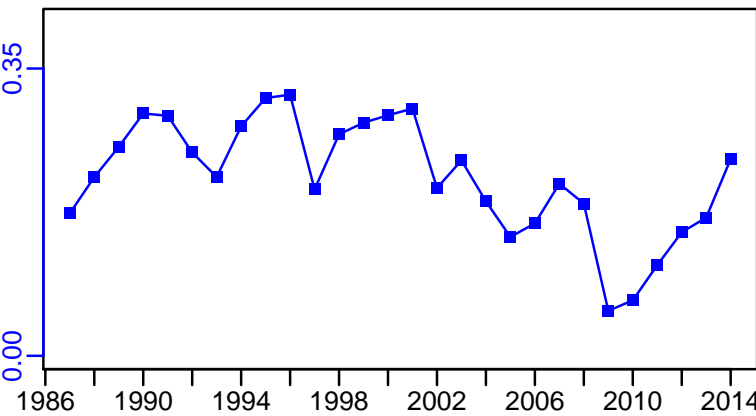
TN *



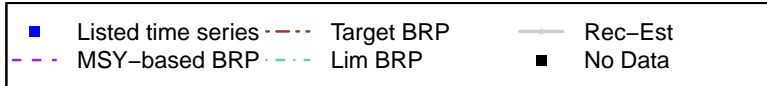
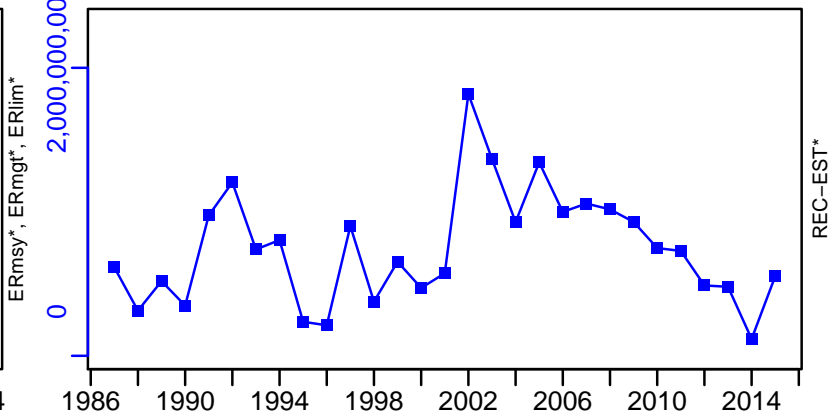
F-1/yr (1987–2015–ICESIMP2016)



ER-calc-ratio (1987–2015–ICESIMP2016)

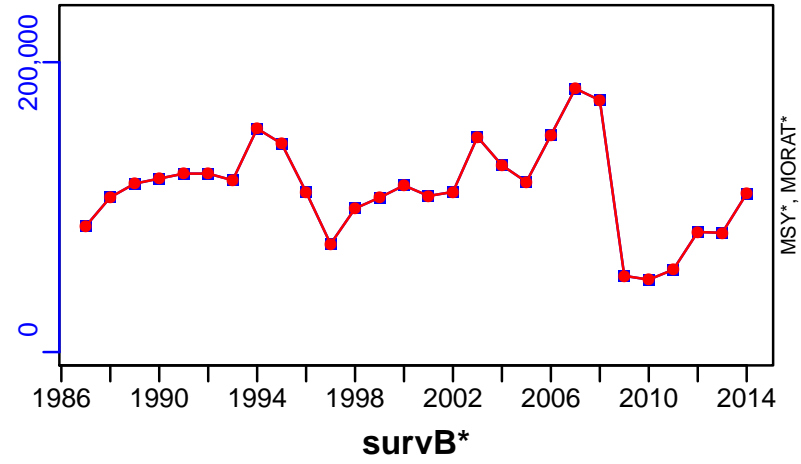


R-E00 (1987–2015–ICESIMP2016)



Herring Iceland (Summer spawners) [HERRIsum]

TC-MT, TL-MT, RecC* (1987–2015–ICESIMP2016)



TAC*, Cpair*, Cadv*



CPUE*



EFFORT*



■ 1st listed time series
 ▲ 3rd listed time series
 — MORAT

● 2nd listed time series
 - - MSY
 * No Data

Norwegian Spring Spawning Herring [HERRNORSS]

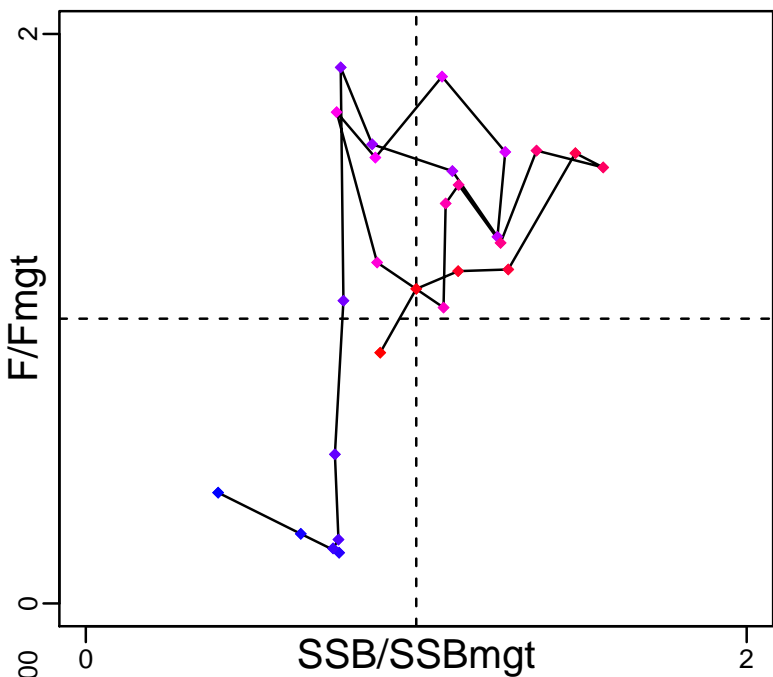
Metadata	
Scientific Name	Clupea harengus
Current Assess ID	WGWIDE-HERRNORSS-1988-2015-ICESIMP2016
Area	I-II-IVa-V-XIVa
Management Authority	International Council for the Exploration of the Sea
Assessor	Working Group on Widely Distributed Stocks
Asmts in RAM	2014, 2013, 2015

Reference Points			
Type	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	-	-	-
Fmsy	-	-	-
ERmsy	-	-	-
TBmgt	-	-	-
SSBmgt	SSBmgt-MT	2015	5×10^6
Fmgt	Fmgt-1/yr	2015	0.125
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	-	-	-
M	-	-	-
TBlim	-	-	-
SSBlim	SSBlim-MT	2015	2,500,000
Flim	-	-	-
ERlim	-	-	-

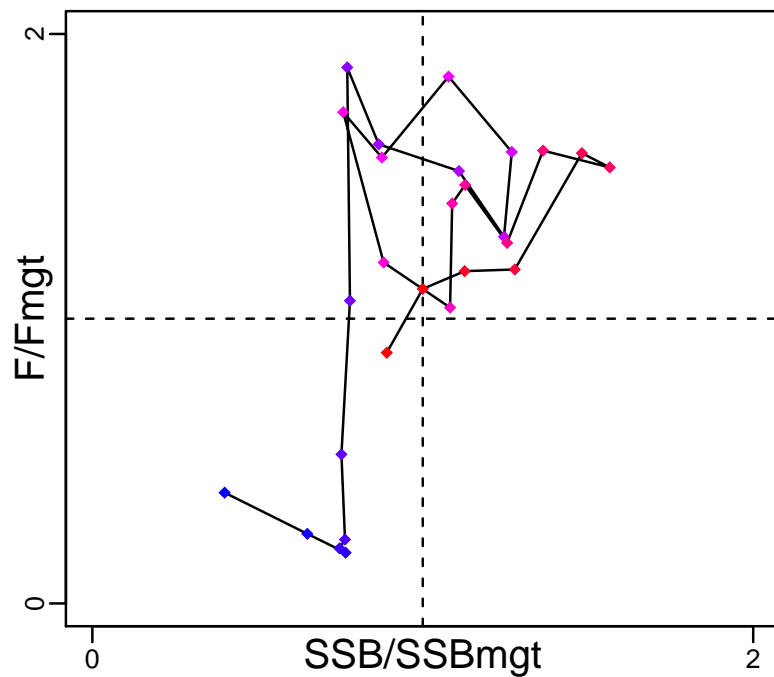
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	TB-MT	2015	5,290,000	Both	-
SSB	SSB-MT	2015	3,950,000	Both	-
TN	-	-	-	-	-
R	R-E00	2015	7.68×10^{10}	-	0
F	F-1/yr	2015	0.11	-	5 to 14
ER	ER-calc-ratio	2015	0.082	-	-
TC	TC-MT	2014	685,000		
TL	TL-MT	2015	461,000		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2015	0.789		
F/Fmgt	F-1/yr/Fmgt-1/yr	2015	0.881		
ER/ERmgt	-	-	-		

Norwegian Spring Spawning Herring [HERRNORSS]

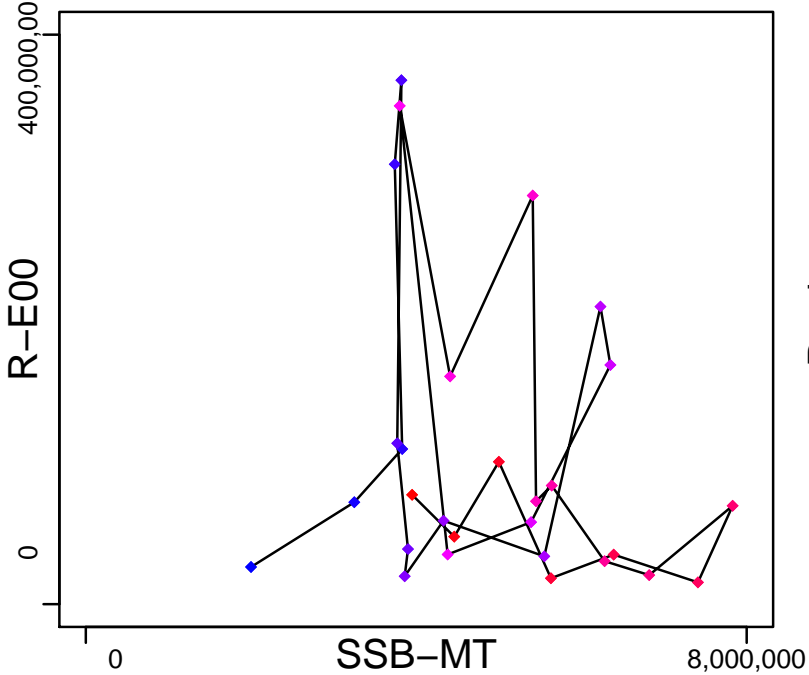
Kobe MSYpref (1988–2015–ICESIMP2016)



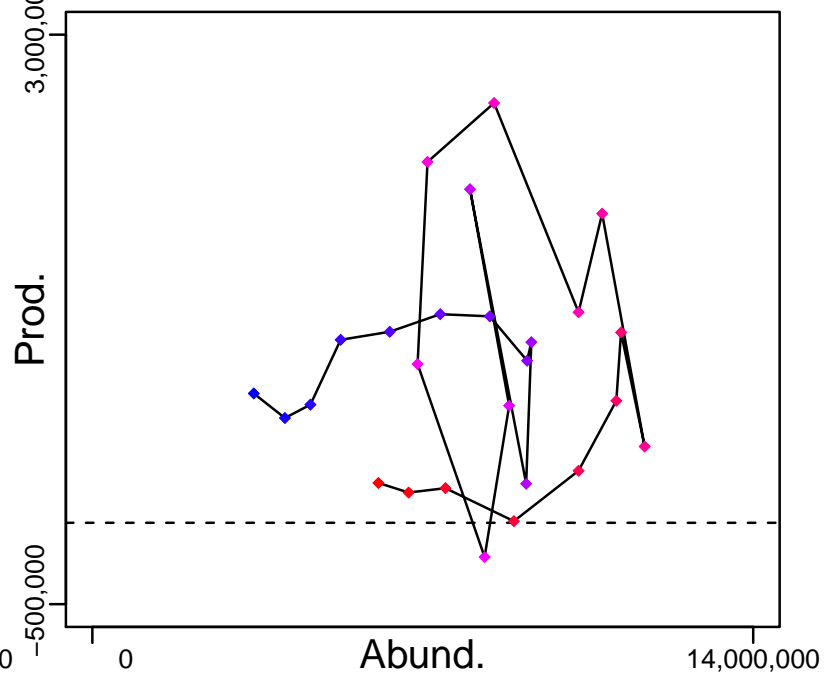
Kobe MGTpref (1988–2015–ICESIMP2016)



Spawner Recruit (1988–2015–ICESIMP2016)

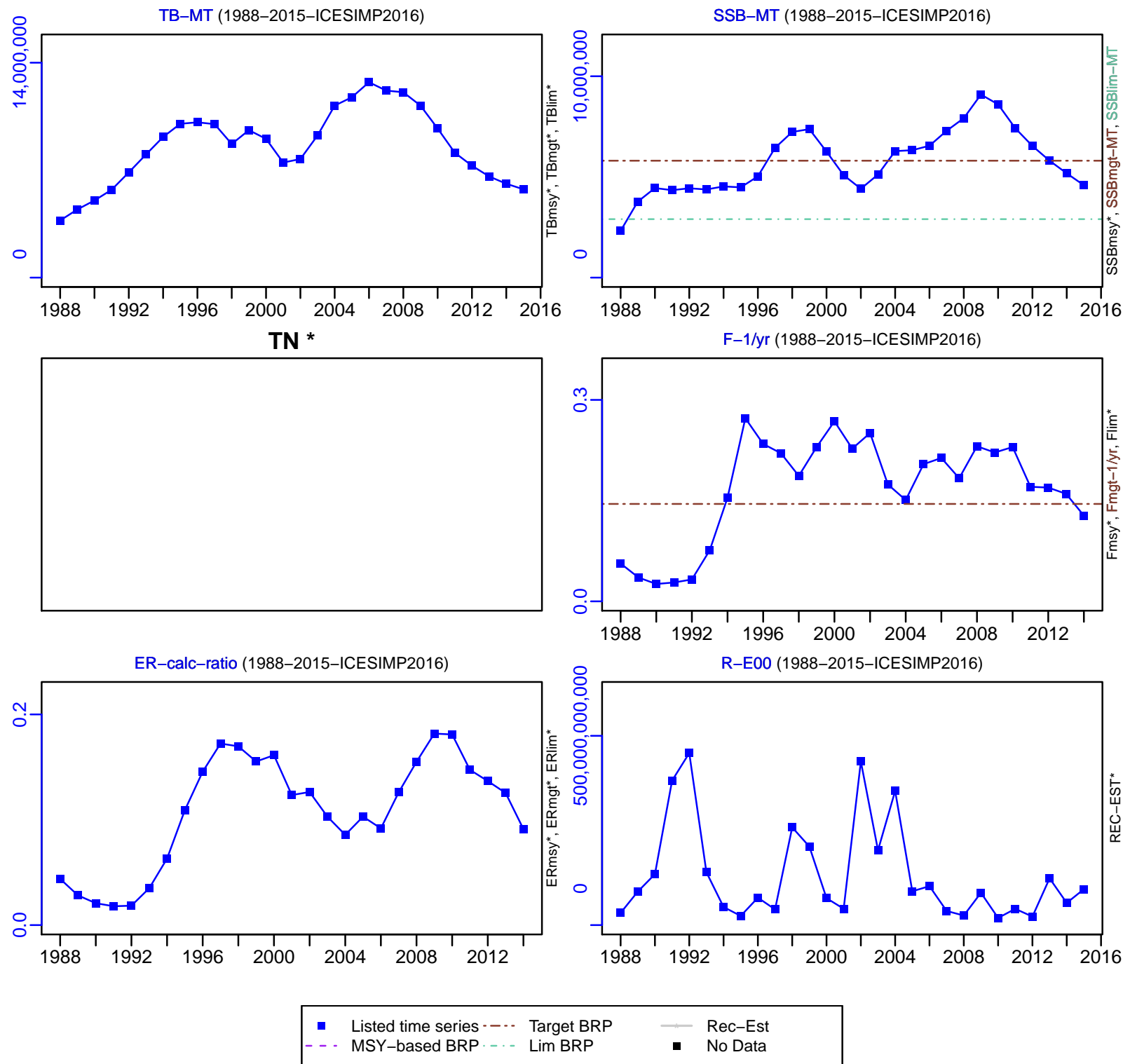


Production (1988–2015–ICESIMP2016)



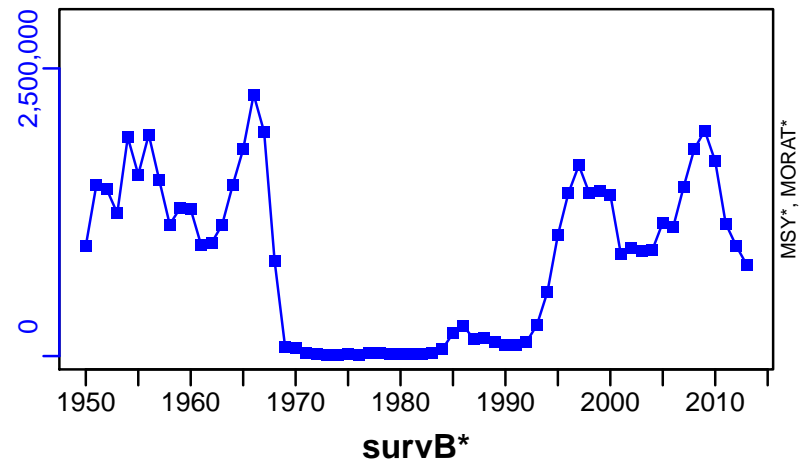
◆ Start Year ◆ End Year * No Data

Norwegian Spring Spawning Herring [HERRNORSS]



Norwegian Spring Spawning Herring [HERRNORSS]

TC-MT, TL*, RecC* (1950–2014–ICESIMP2016)



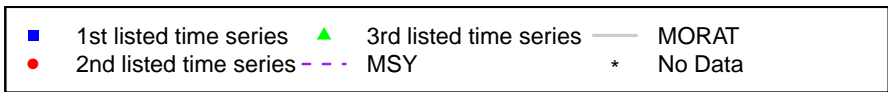
TAC*, Cpair*, Cadv*



CPUE*



EFFORT*



Northern shrimp North-East Arctic [PANDALI-II]

Metadata	
Scientific Name	Pandalus borealis
Current Assess ID	NIPAG-PANDALI-II-1970-2014-ICESIMP2016
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

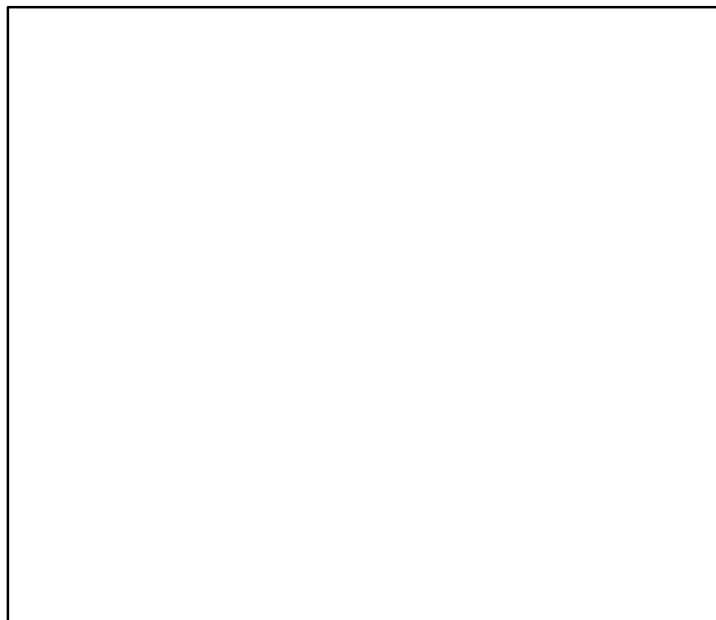
Reference Points			
Type	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	-	-	-
Fmsy	-	-	-
ERmsy	-	-	-
TBmgt	-	-	-
SSBmgt	-	-	-
Fmgt	-	-	-
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	-	-	-
M	-	-	-
TBlim	-	-	-
SSBlim	-	-	-
Flim	-	-	-
ERlim	-	-	-

Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	-	-	-	-	-
SSB	SSB-relative	2014	1500	Both	-
TN	-	-	-	-	-
R	-	-	-	-	-
F	-	-	-	-	-
ER	-	-	-	-	-
TC	TC-MT	2014	18,700		
TL	TL-MT	2014	18,700		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	FdivFmsy-dimensionless	2014	0.06		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

Kobe MSY*



Kobe MGT*



Spawner Recruit*



Production*



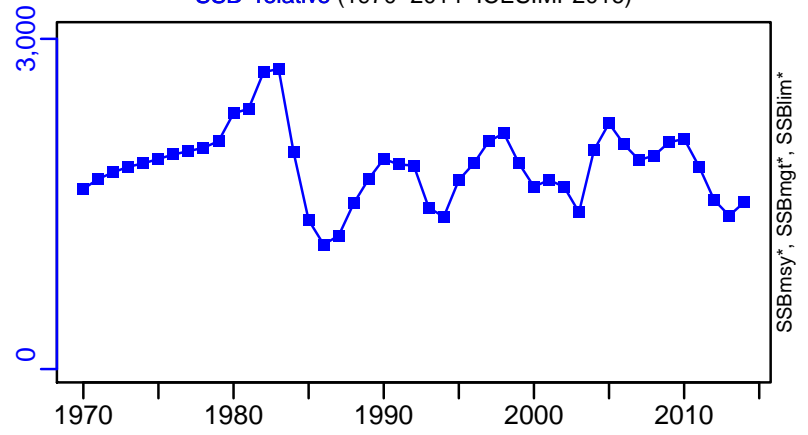
◆ Start Year ◆ End Year * No Data

Northern shrimp North-East Arctic [PANDALI-II]

TB*



SSB-relative (1970-2014-ICESIMP2016)



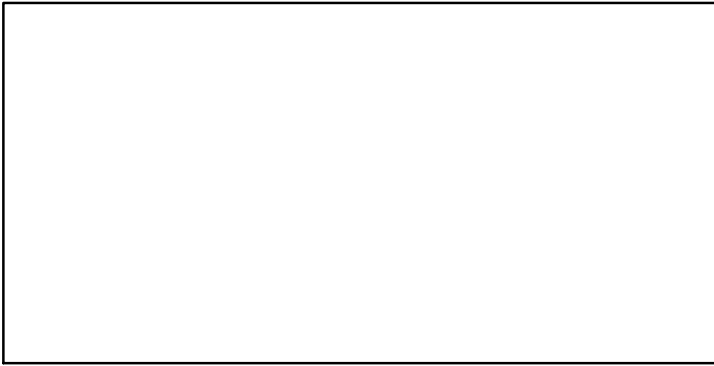
TN *



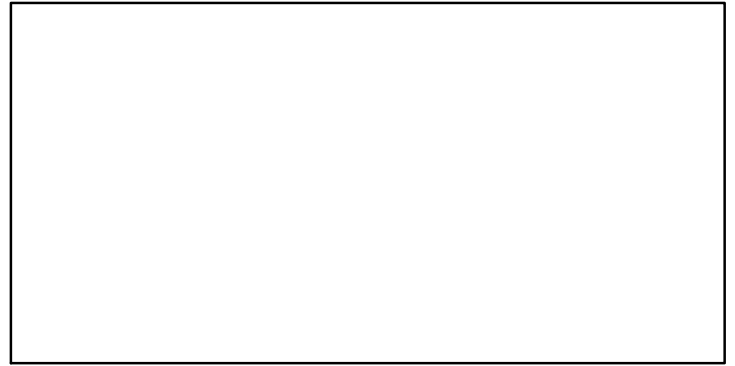
F*



ER*



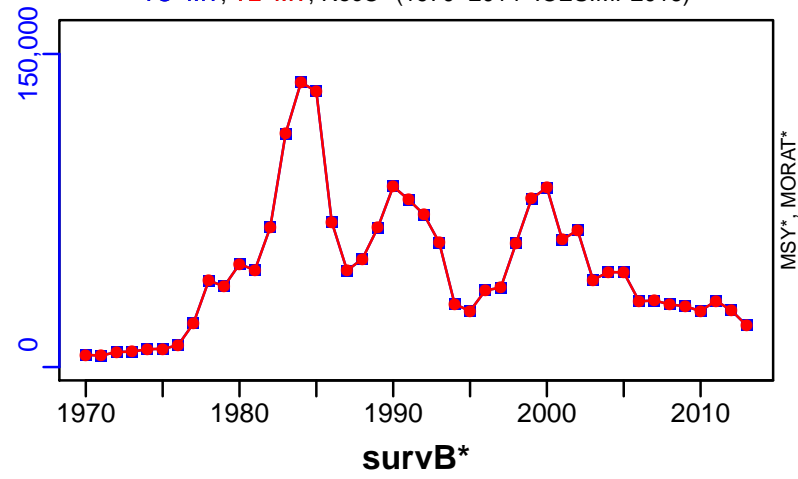
Recruits*



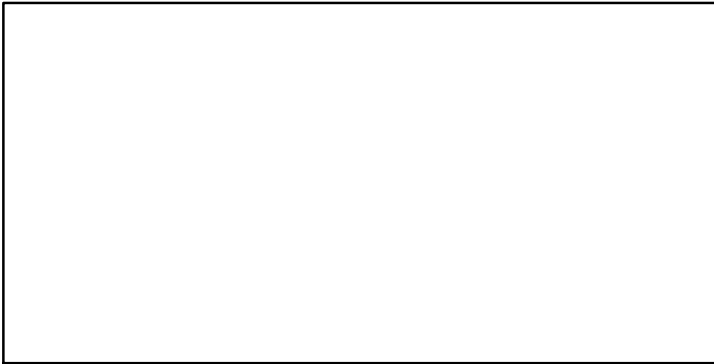
Northern shrimp North-East Arctic [PANDALI-II]

TC-MT, TL-MT, RecC* (1970–2014–ICESIMP2016)

TAC*, Cpair*, Cadv*



EFFORT*



Pollock Faroe Plateau [POLLFAPL]

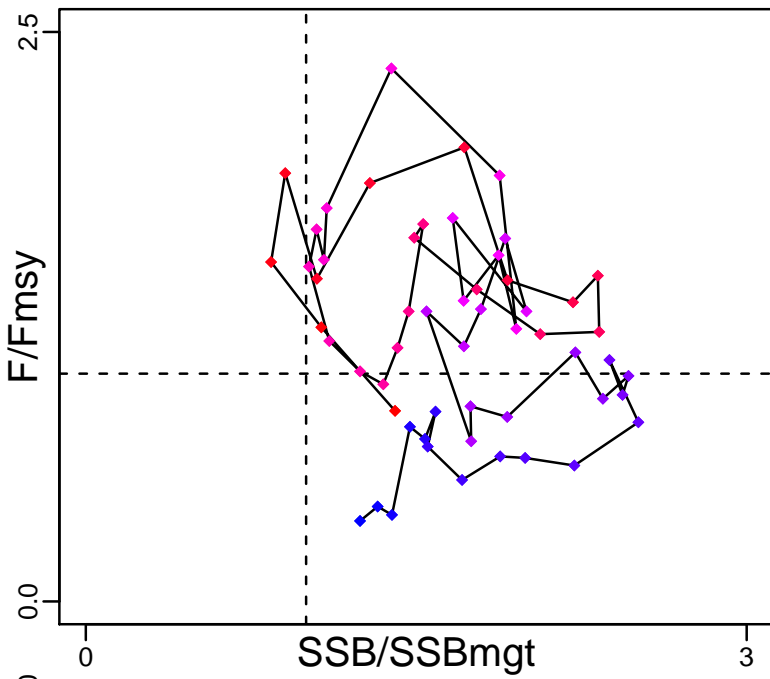
Metadata	
Scientific Name	Pollachius virens
Current Assess ID	NWWG-POLLFAPL-1958-2016-ICESIMP2016
Area	Faroe Plateau
Management Authority	International Council for the Exploration of the Sea
Assessor	North-Western Working Group
Asmts in RAM	2012, 2013, 2014, 2015, 2016

Reference Points			
Type	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	-	-	-
Fmsy	Fmsy-1/yr	2016	0.3
ERmsy	-	-	-
TBmgt	-	-	-
SSBmgt	SSBmgt-MT	2016	55,000
Fmgt	Fmgt-1/yr	2016	0.3
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	-	-	-
M	-	-	-
TBlim	-	-	-
SSBlim	-	-	-
Flim	-	-	-
ERlim	-	-	-

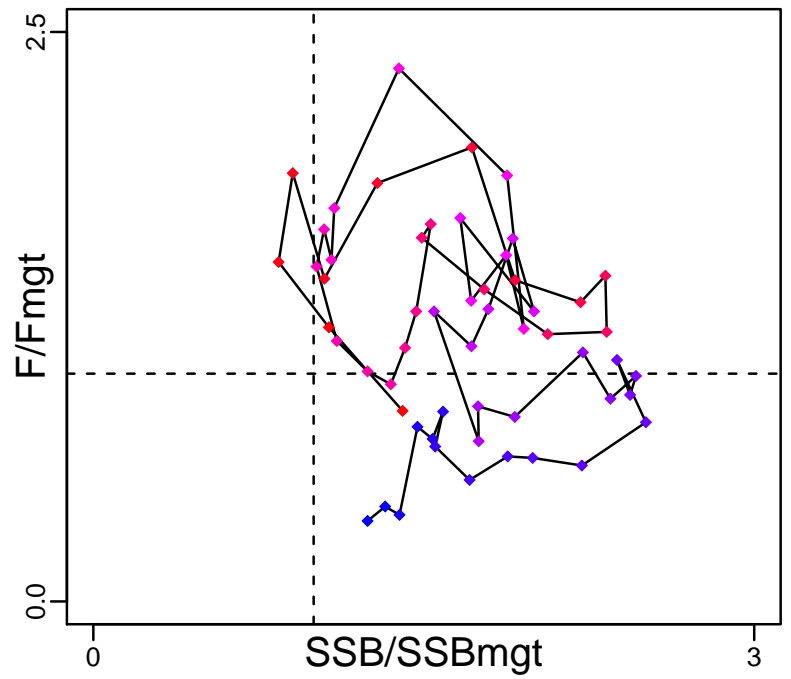
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	TB-MT	2016	194,000	Both	-
SSB	SSB-MT	2016	96,800	Both	-
TN	-	-	-	-	-
R	R-E00	2016	3×10^7	-	3
F	F-1/yr	2016	0.251	-	4 to 8
ER	ER-calc-ratio	2016	0.129	-	-
TC	-	-	-		
TL	TL-MT	2016	25,100		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	F-1/yr/Fmsy-1/yr	2016	0.837		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2016	1.759		
F/Fmgt	F-1/yr/Fmgt-1/yr	2016	0.837		
ER/ERmgt	-	-	-		

Pollock Faroe Plateau [POLLFAPL]

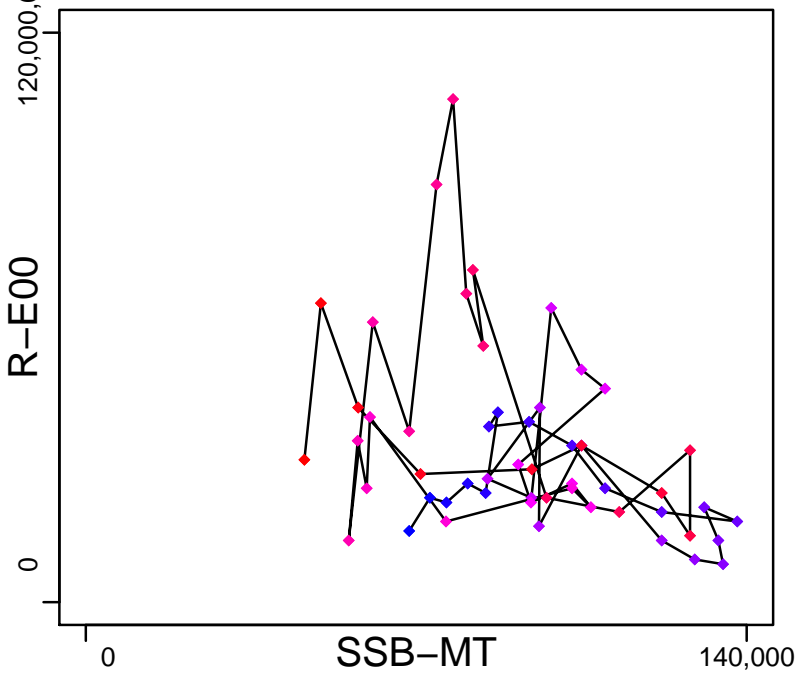
Kobe MSYpref (1958–2016–ICESIMP2016)



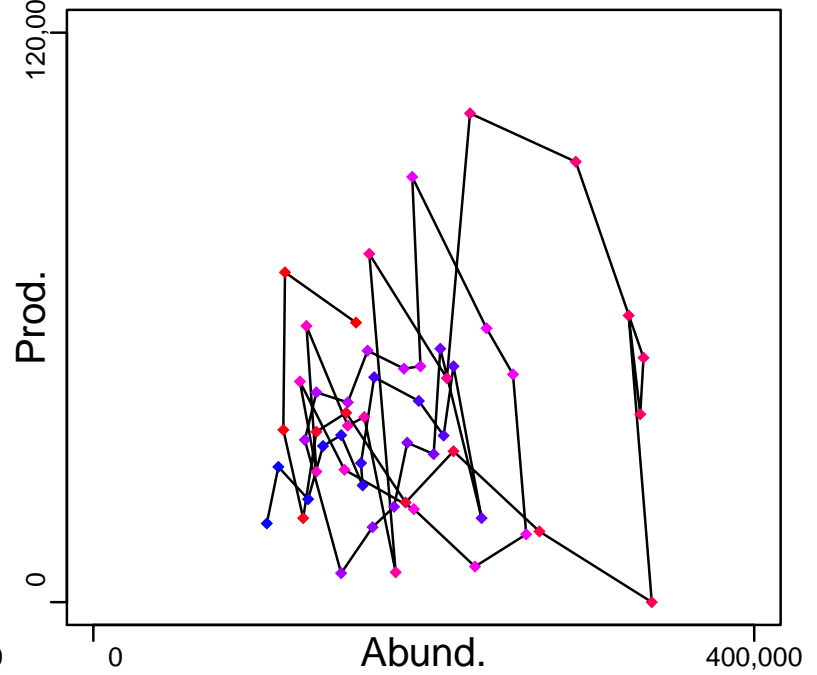
Kobe MGTpref (1958–2016–ICESIMP2016)



Spawner Recruit (1958–2016–ICESIMP2016)



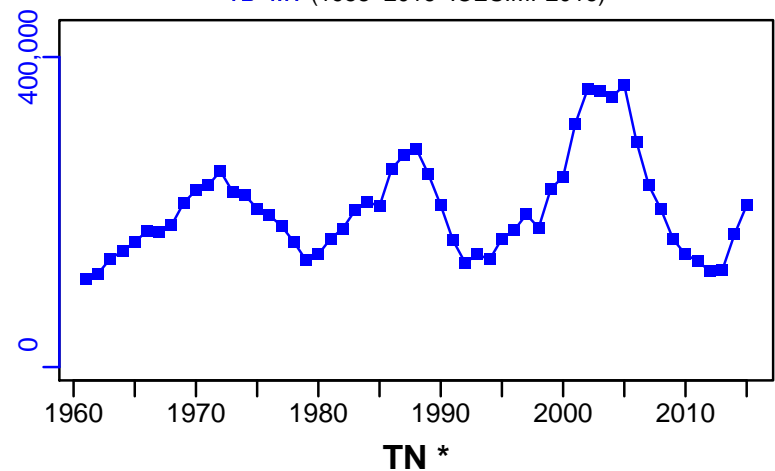
Production (1958–2016–ICESIMP2016)



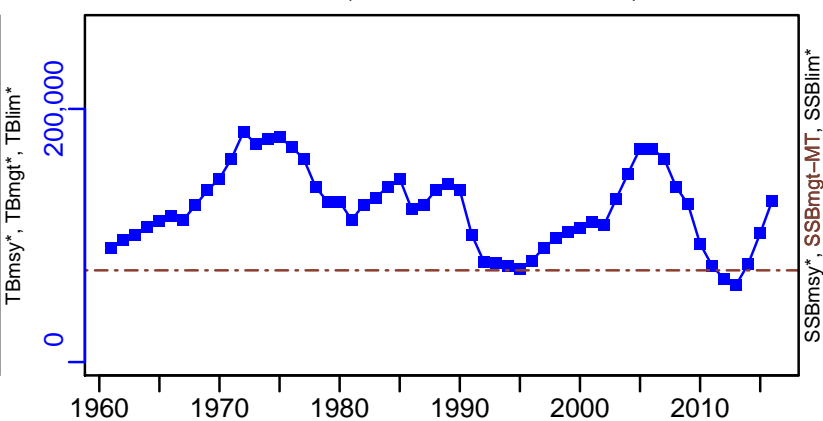
◆ Start Year ◆ End Year * No Data

Pollock Faroe Plateau [POLLFAPL]

TB-MT (1958–2016–ICESIMP2016)



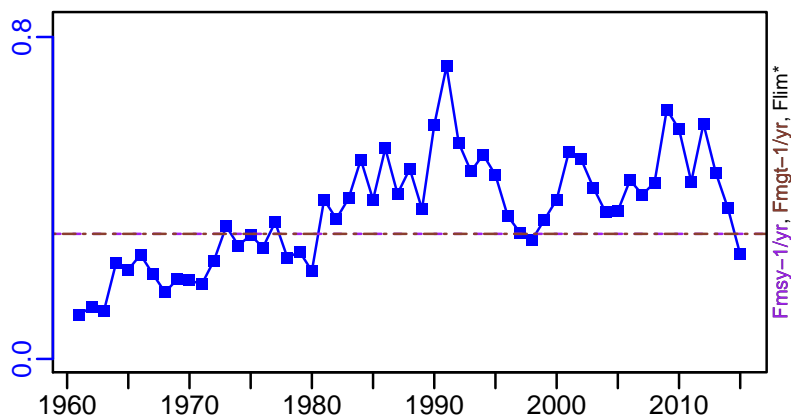
SSB-MT (1958–2016–ICESIMP2016)



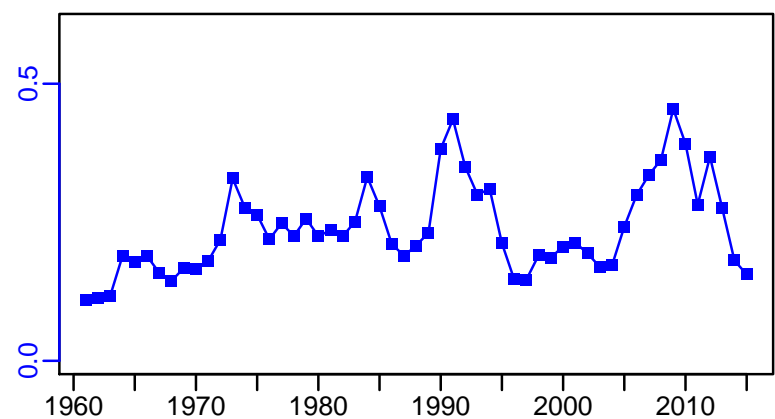
TN *



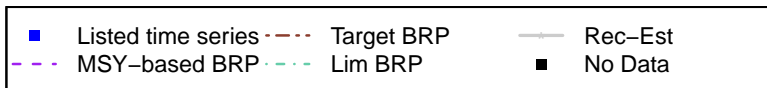
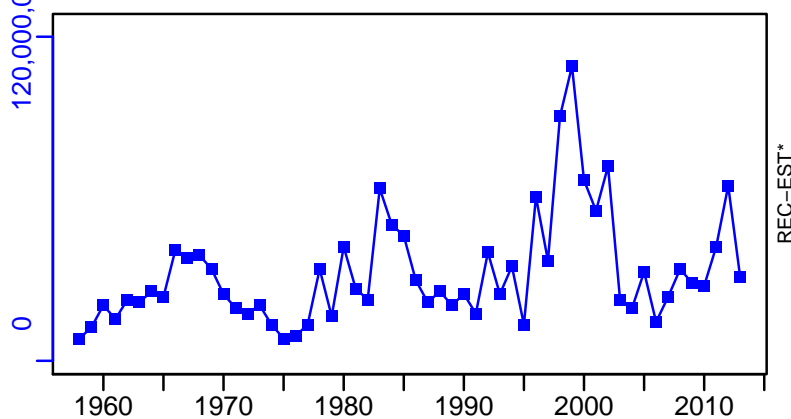
F-1/yr (1958–2016–ICESIMP2016)



ER-calc-ratio (1958–2016–ICESIMP2016)



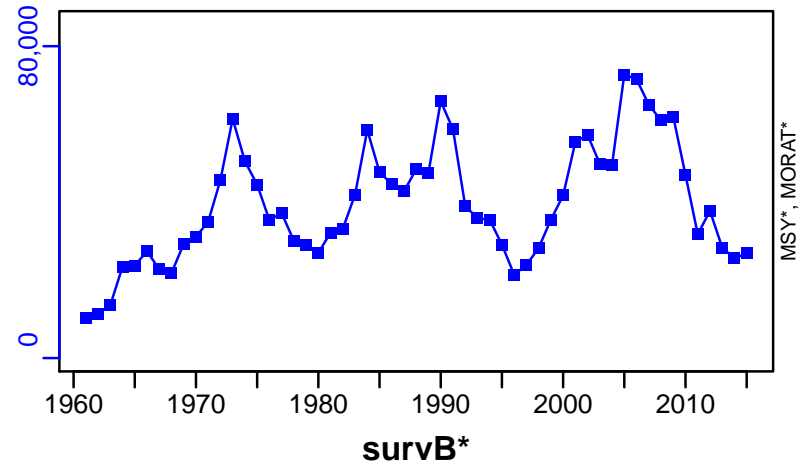
R-E00 (1958–2016–ICESIMP2016)



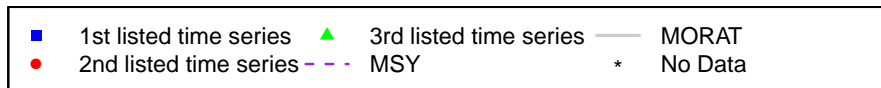
Pollock Faroe Plateau [POLLFAPL]

TL-MT, TC*, RecC* (1958-2016-ICESIMP2016)

TAC*, Cpair*, Cadv*



EFFORT*



Pollock Iceland Grounds [POLLIEG]

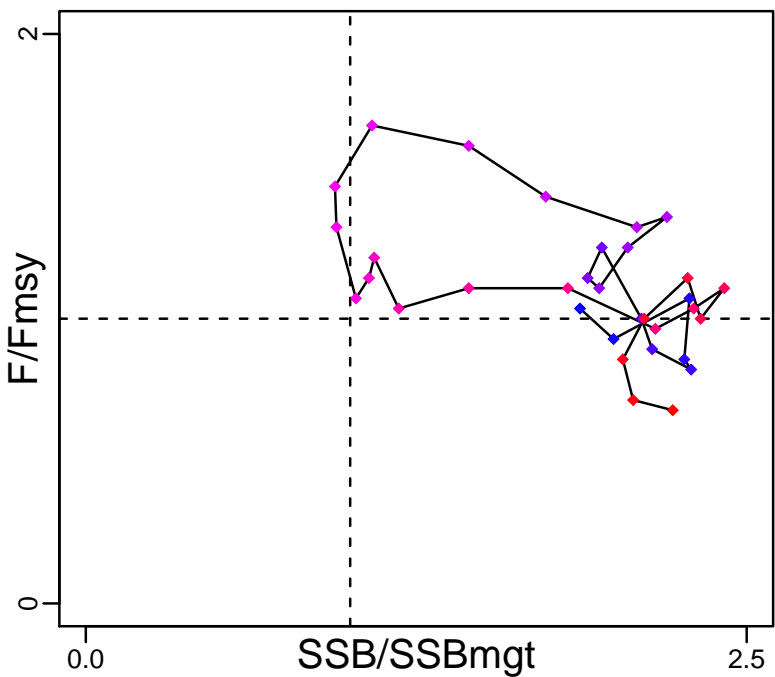
Metadata	
Scientific Name	Pollachius virens
Current Assess ID	NWWG-POLLIEG-1977-2016-ICESIMP2016
Area	Iceland Grounds
Management Authority	International Council for the Exploration of the Sea
Assessor	North-Western Working Group
Asmts in RAM	2012, 2013, 2014, 2015, 2016

Reference Points			
Type	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	-	-	-
Fmsy	Fmsy-1/yr	2013	0.28
ERmsy	-	-	-
TBmgt	-	-	-
SSBmgt	SSBmgt-MT	2016	65,000
Fmgt	Fmgt-1/yr	2013	0.28
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	MSY-MT	2012	65,000
M	-	-	-
TBlim	-	-	-
SSBlim	SSBlim-MT	2016	44,000
Flim	Flim-1/yr	2016	0.46
ERlim	-	-	-

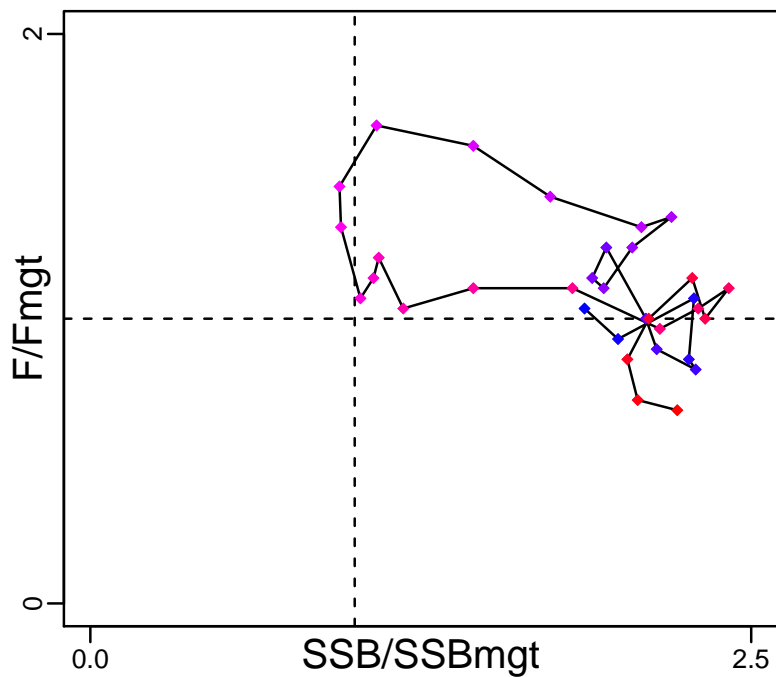
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	TB-MT	2013	321,000	Both	-
SSB	SSB-MT	2016	144,000	Both	-
TN	-	-	-	-	-
R	R-E00	2016	30,400,000	-	3
F	F-1/yr	2016	0.205	-	4 to 9
ER	ER-calc-ratio	2013	0.167	-	-
TC	-	-	-		
TL	TL-MT	2016	48,500		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	F-1/yr/Fmsy-1/yr	2013	0.679		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2016	2.211		
F/Fmgt	F-1/yr/Fmgt-1/yr	2013	0.679		
ER/ERmgt	-	-	-		

Pollock Iceland Grounds [POLLIEG]

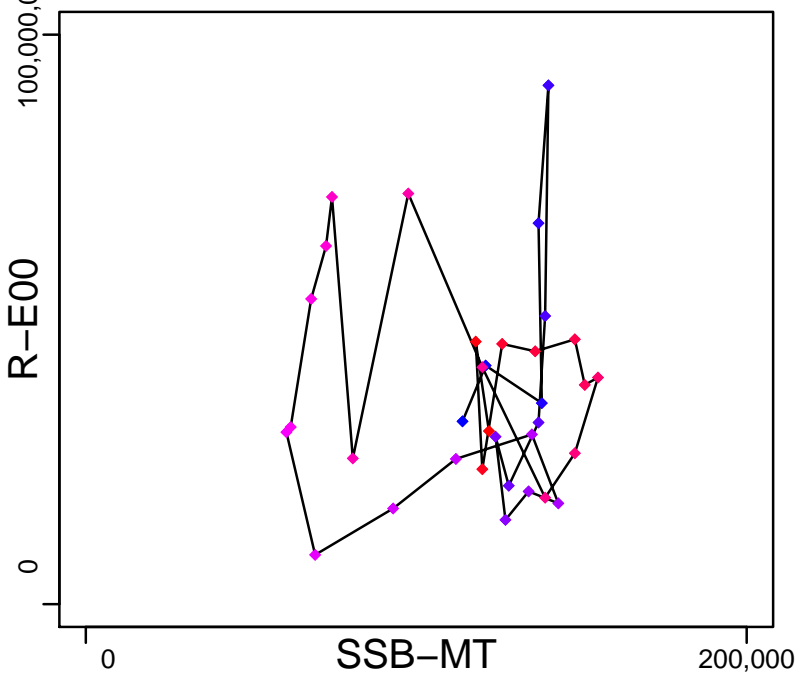
Kobe MSYpref (1977–2013–ICESIMP2016)



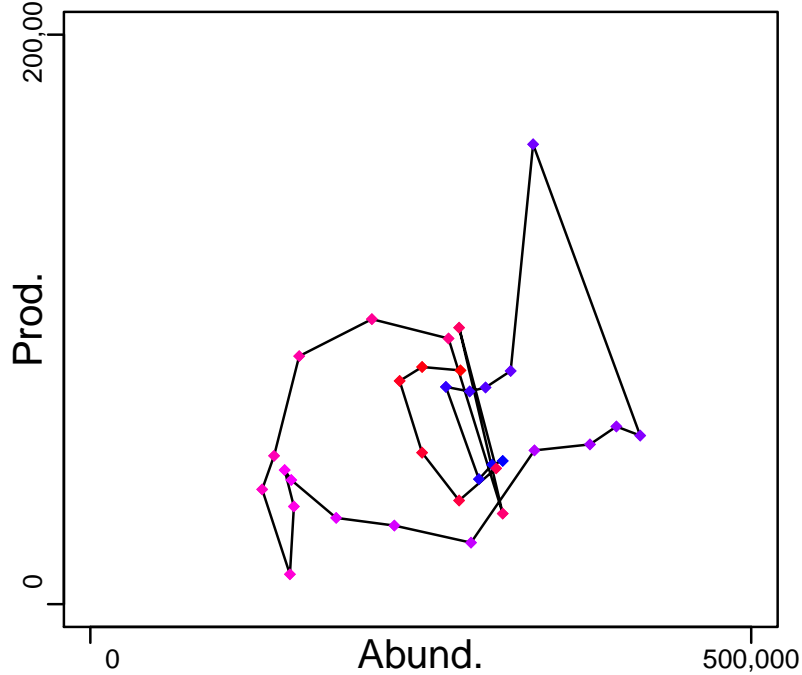
Kobe MGTpref (1977–2013–ICESIMP2016)



Spawner Recruit (1977–2016–ICESIMP2016)



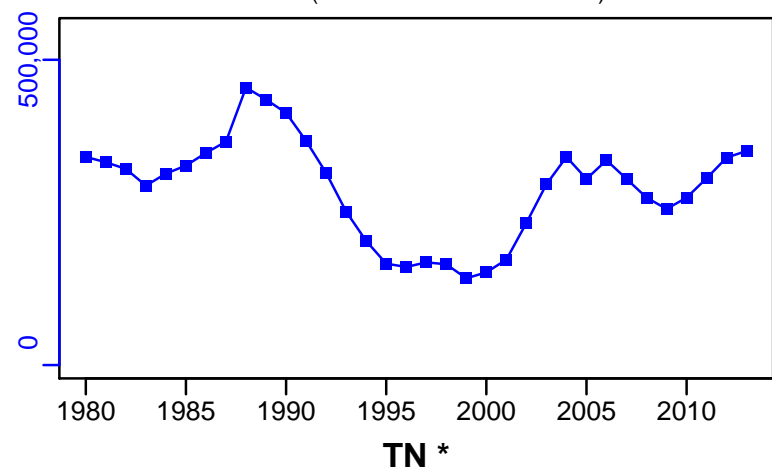
Production (1977–2013–ICESIMP2016)



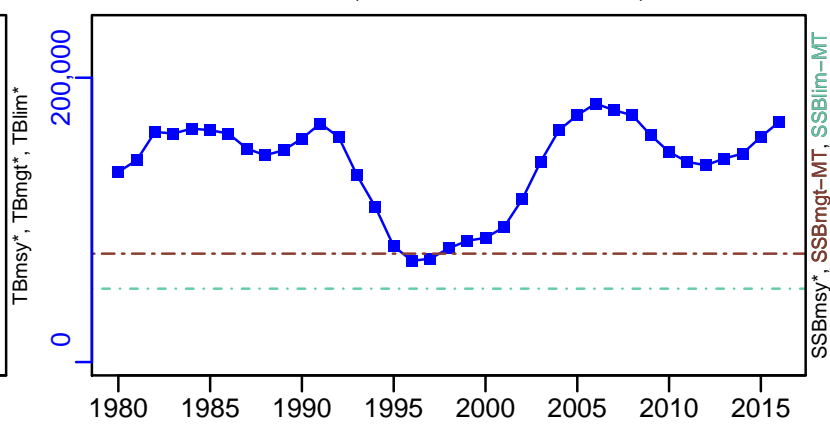
◆ Start Year ◆ End Year * No Data

Pollock Iceland Grounds [POLLIEG]

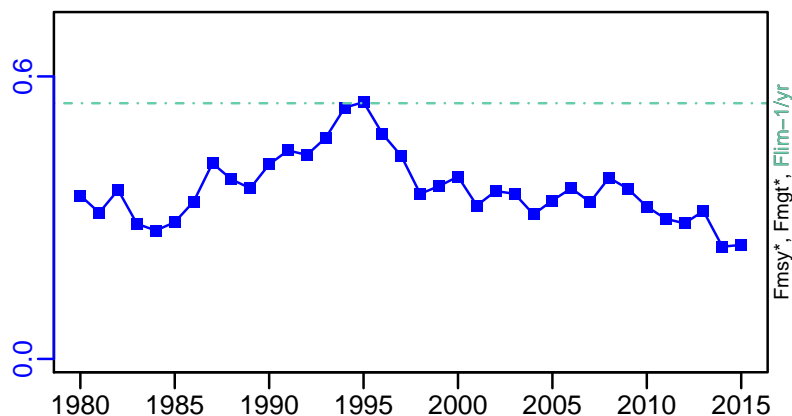
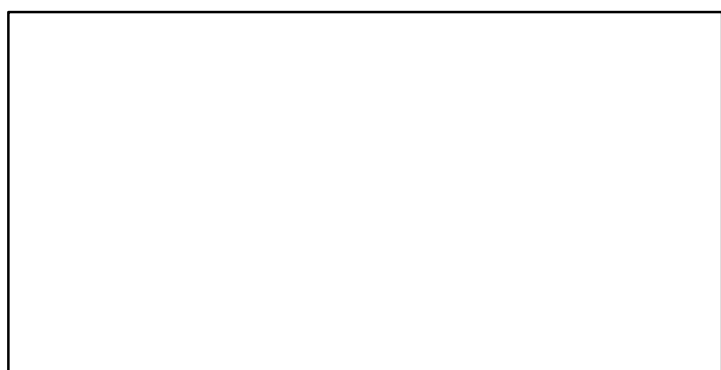
TB-MT (1977-2013-ICESIMP2016)



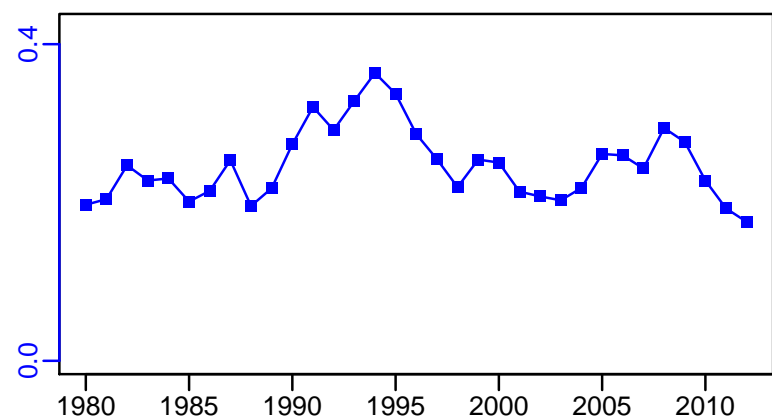
SSB-MT (1977-2016-ICESIMP2016)



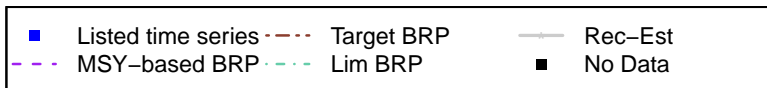
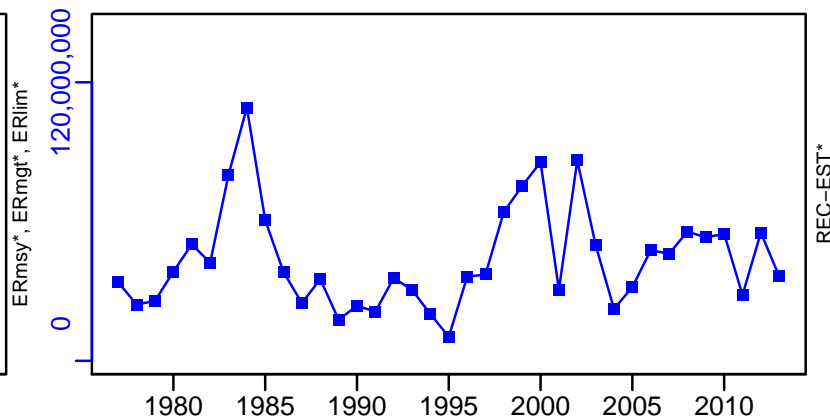
F-1/yr (1977-2016-ICESIMP2016)



ER-calc-ratio (1977-2013-ICESIMP2016)

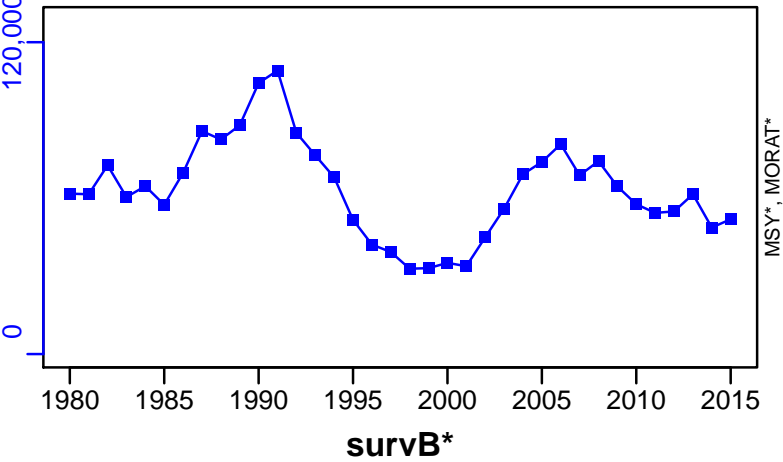


R-E00 (1977-2016-ICESIMP2016)



Pollock Iceland Grounds [POLLIEG]

TL-MT, TC*, RecC* (1977-2016-ICESIMP2016)



TAC*, Cpair*, Cadv*



CPUE*



EFFORT*



Pollock Northeast Arctic [POLLNEAR]

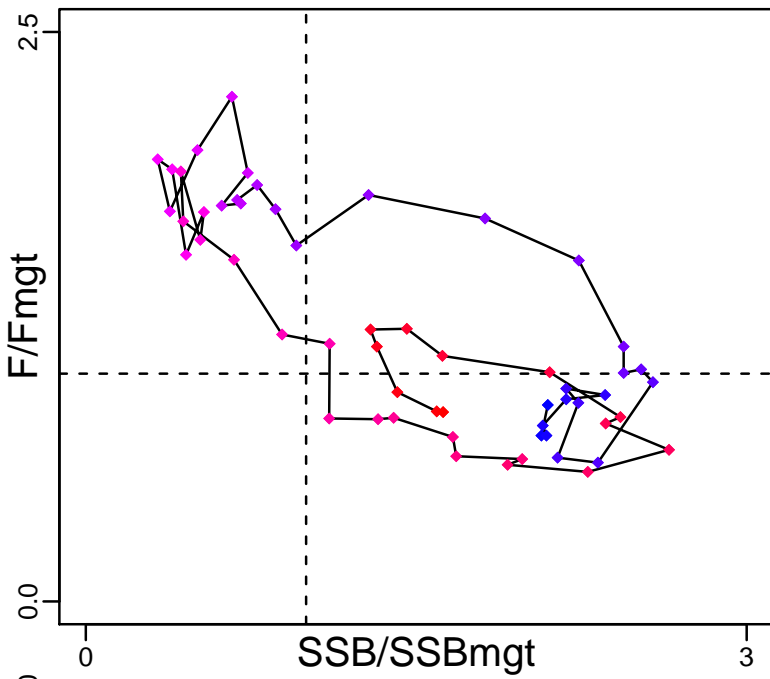
Metadata	
Scientific Name	Pollachius virens
Current Assess ID	AFWG-POLLNEAR-1957-2016-ICESIMP2016
Area	North-East Arctic
Management Authority	International Council for the Exploration of the Sea
Assessor	Arctic Fisheries Working Group
Asmts in RAM	2012, 2014, 2015, 2016

Reference Points			
Type	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	-	-	-
Fmsy	-	-	-
ERmsy	-	-	-
TBmgt	-	-	-
SSBmgt	SSBmgt-MT	2016	220,000
Fmgt	Fmgt-1/yr	2016	0.32
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	-	-	-
M	-	-	-
TBlim	-	-	-
SSBlim	SSBlim-MT	2016	136,000
Flim	Flim-1/yr	2016	0.58
ERlim	-	-	-

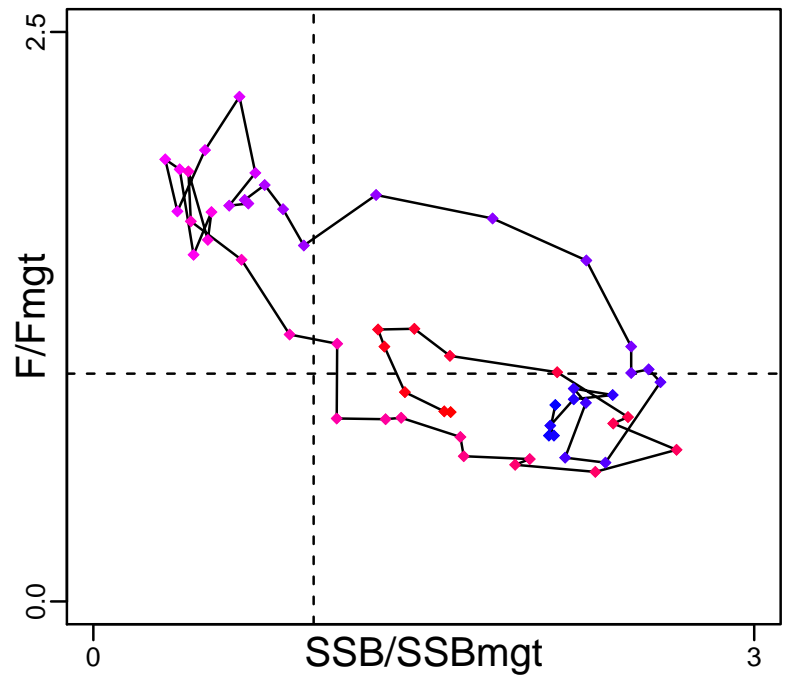
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	TB-MT	2016	601,000	Both	-
SSB	SSB-MT	2016	391,000	Both	-
TN	-	-	-	-	-
R	R-E00	2016	1.57×10^8	-	3
F	F-1/yr	2016	0.266	-	4 to 7
ER	ER-calc-ratio	2016	0.219	-	-
TC	TC-MT	2016	132,000		
TL	TL-MT	2016	132,000		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2016	1.779		
F/Fmgt	F-1/yr/Fmgt-1/yr	2016	0.831		
ER/ERmgt	-	-	-		

Pollock Northeast Arctic [POLLNEAR]

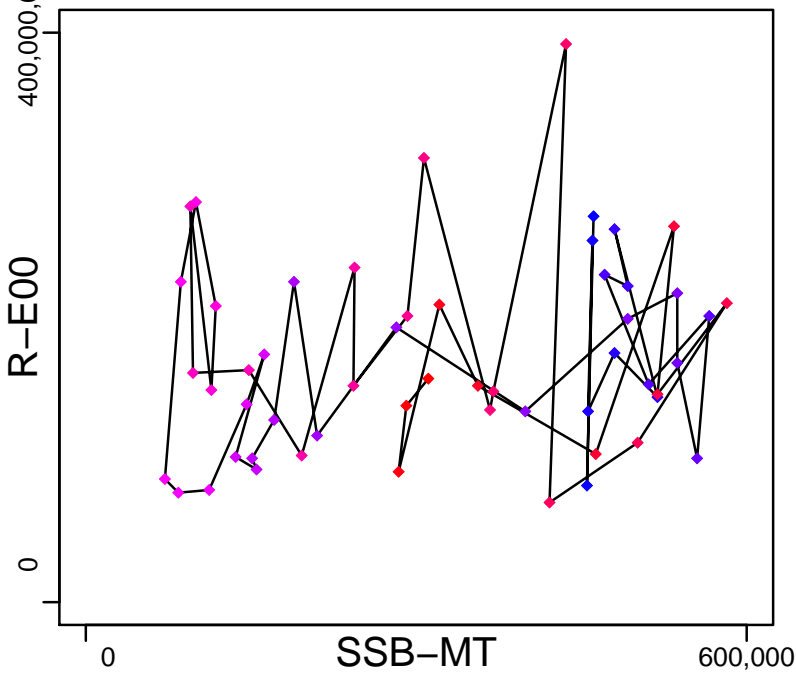
Kobe MSYpref (1957–2016–ICESIMP2016)



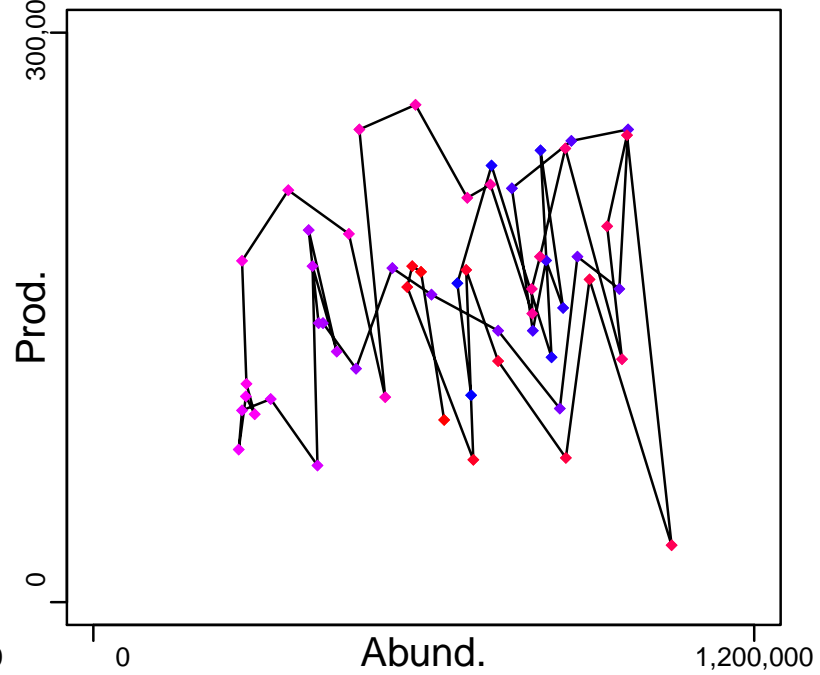
Kobe MGTpref (1957–2016–ICESIMP2016)



Spawner Recruit (1957–2016–ICESIMP2016)



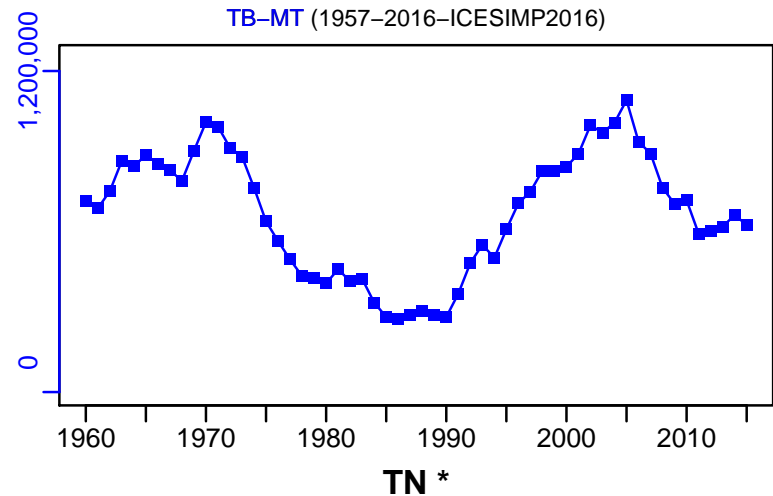
Production (1957–2016–ICESIMP2016)



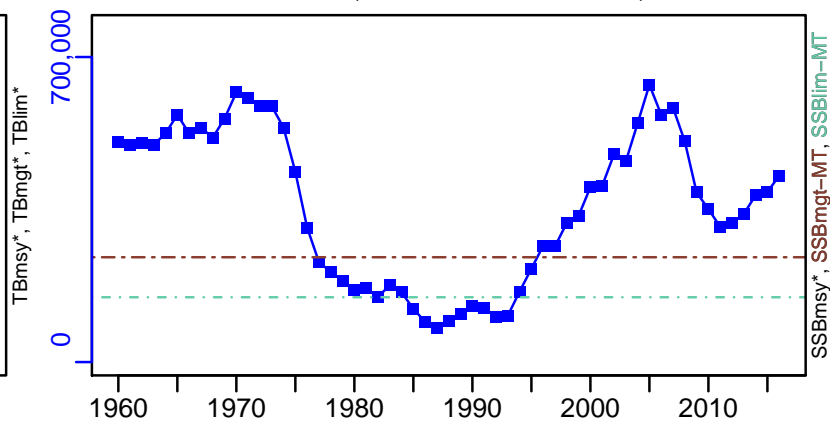
◆ Start Year ◆ End Year * No Data

Pollock Northeast Arctic [POLLNEAR]

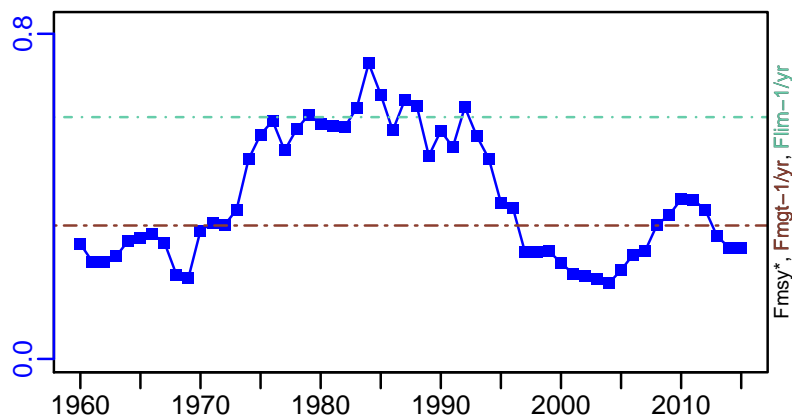
TB-MT (1957–2016–ICESIMP2016)



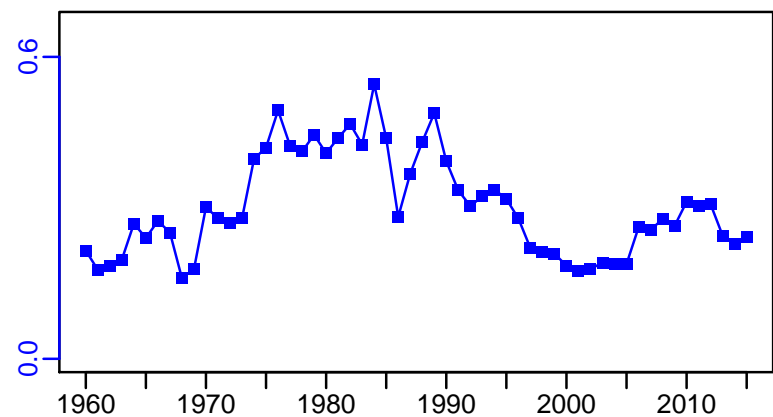
SSB-MT (1957–2016–ICESIMP2016)



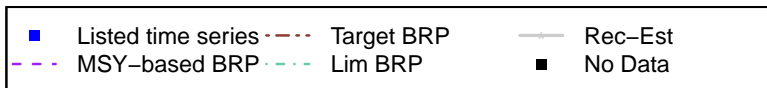
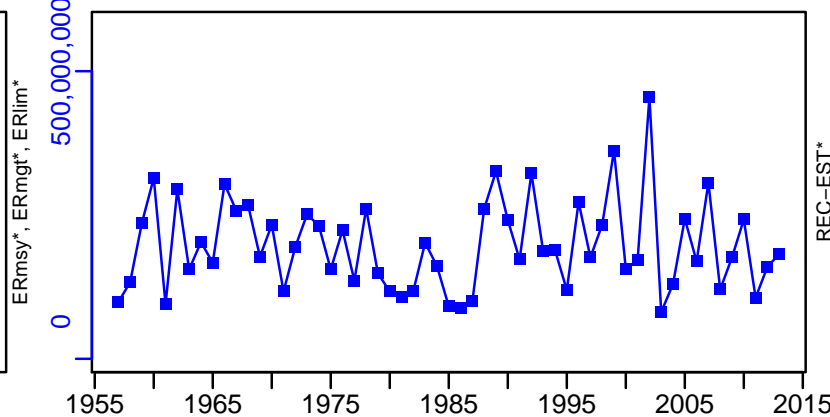
F-1/yr (1957–2016–ICESIMP2016)



ER-calc-ratio (1957–2016–ICESIMP2016)



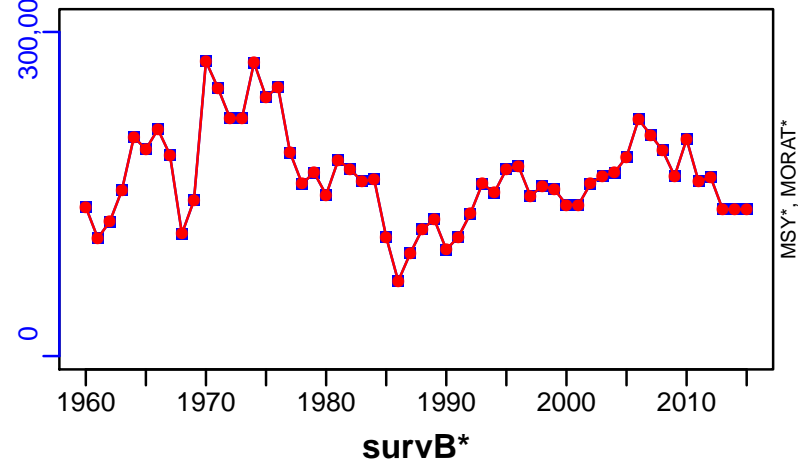
R-E00 (1957–2016–ICESIMP2016)



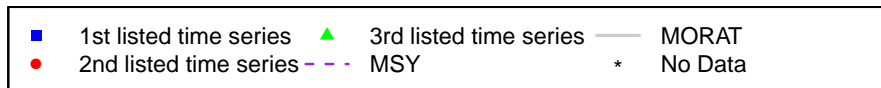
Pollock Northeast Arctic [POLLNEAR]

TC-MT, TL-MT, RecC* (1957-2016-ICESIMP2016)

TAC*, Cpair*, Cadv*



EFFORT*

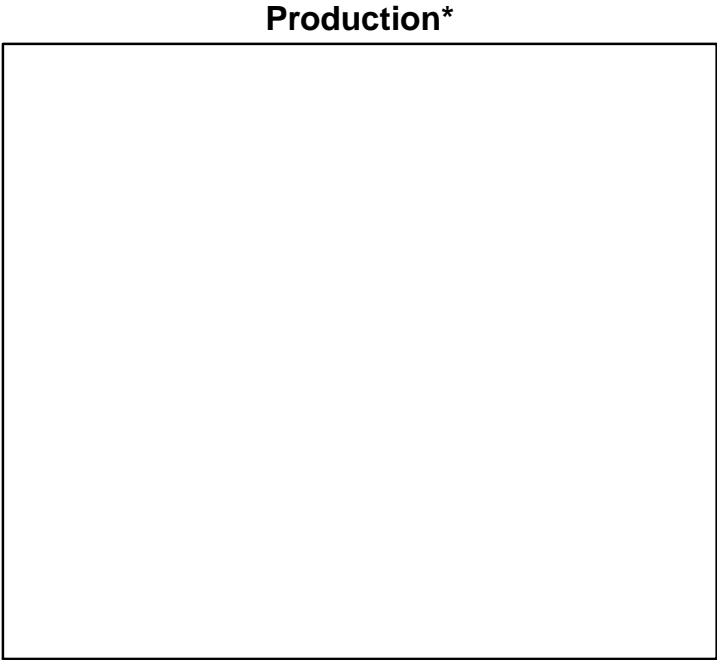
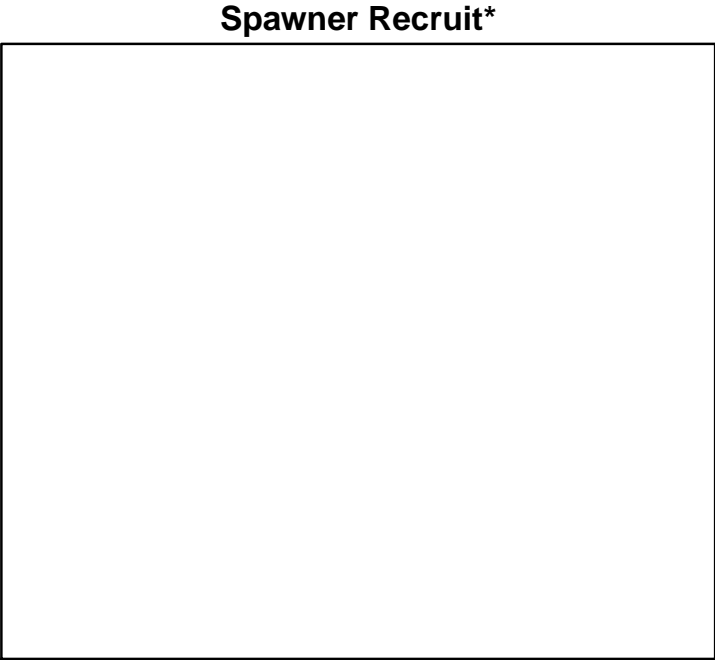
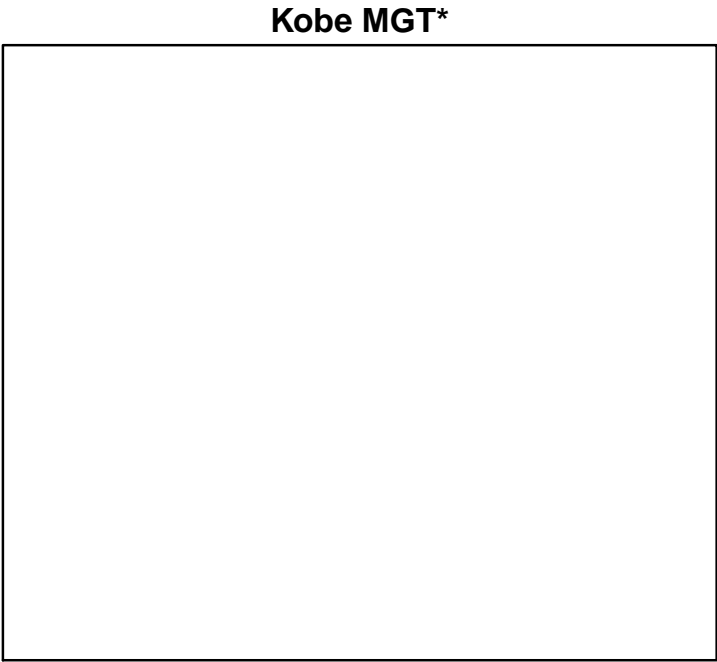
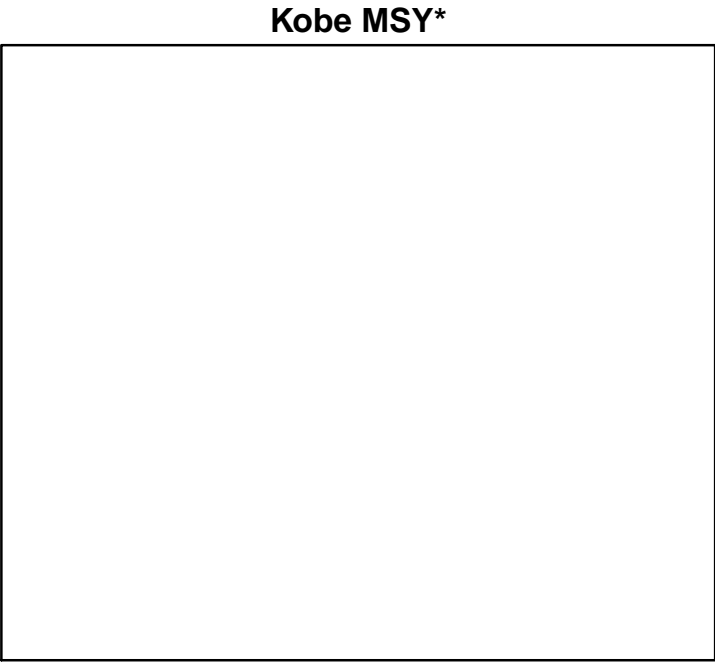


Deepwater Redfish Northeast Arctic [REDDEEPI-II]

Metadata	
Scientific Name	Sebastes mentella
Current Assess ID	AFWG-REDDEEPI-II-1985-2006-MINTO
Area	North-East Arctic
Management Authority	International Council for the Exploration of the Sea
Assessor	Arctic Fisheries Working Group
Asmts in RAM	2006

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	-	-	-		
TL	TL-MT	2006	39,100		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		



◆ Start Year ◆ End Year * No Data

Deepwater Redfish Northeast Arctic [REDDEEPI-II]

TB*



SSB*



TN *



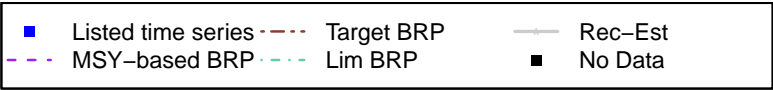
F*



ER*



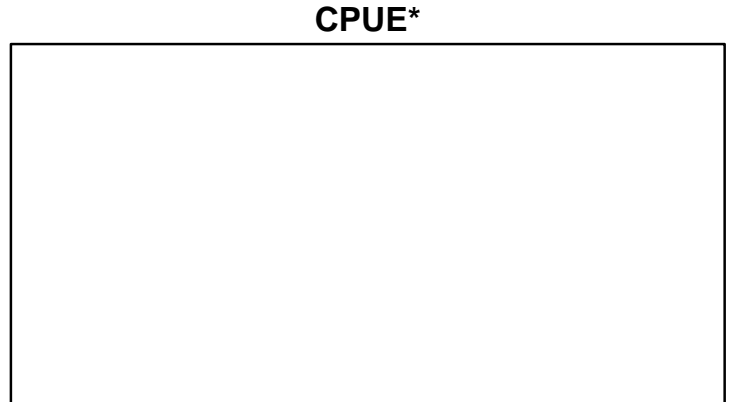
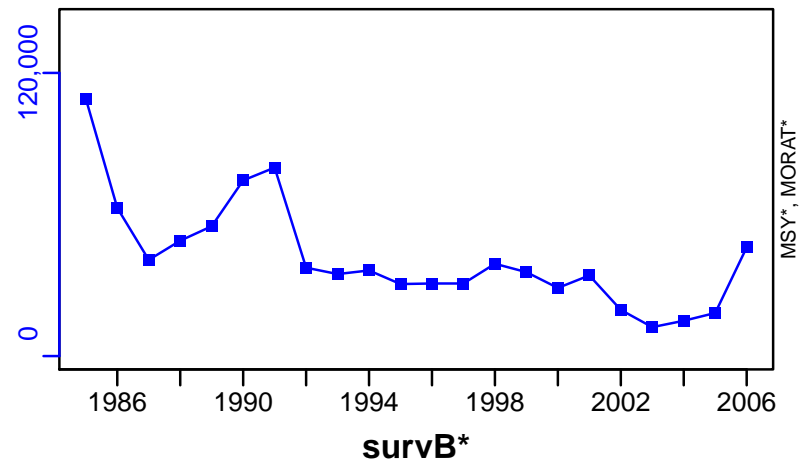
Recruits*



Deepwater Redfish Northeast Arctic [REDDEEPI-II]

TL-MT, TC*, RecC* (1985-2006-MINTO)

TAC*, Cpair*, Cadv*



EFFORT*



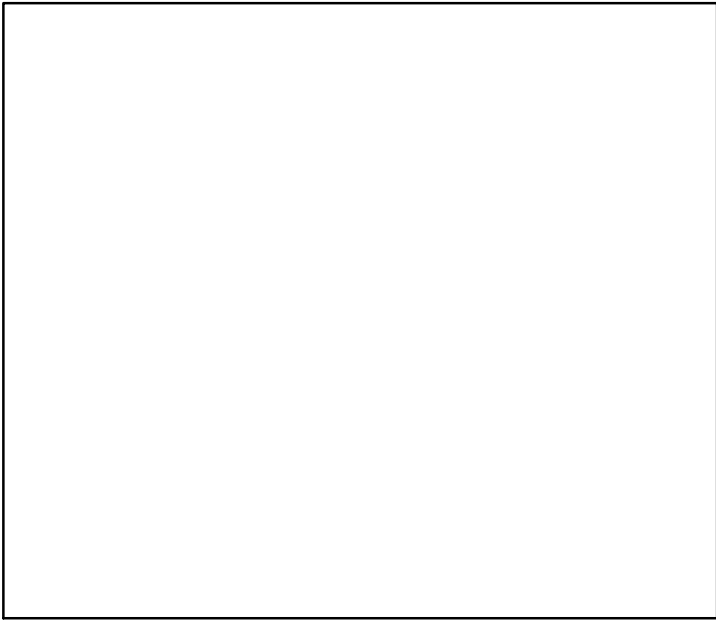
**Beaked Redfish Areas V-XII-XIV and NAFO Subareas 1-2
[REDDEEPSH1-2-V-XII-XIV]**

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
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	-	-	-		

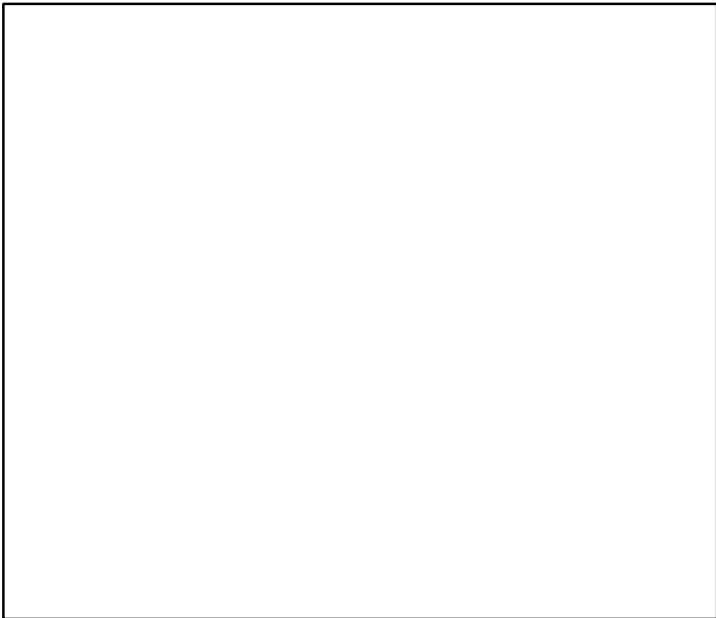
Kobe MSY*



Kobe MGT*



Spawner Recruit*



Production*



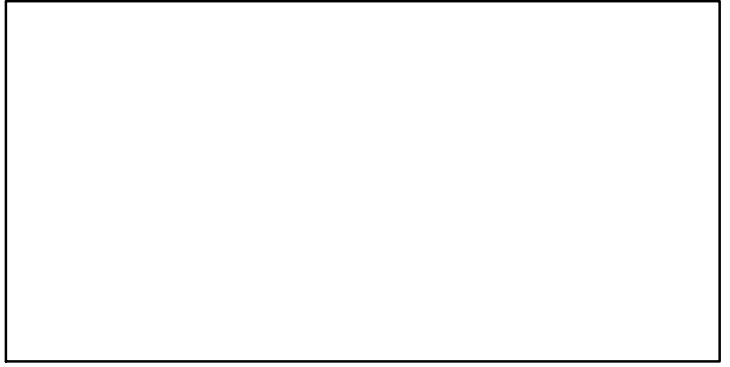
◆ Start Year ◆ End Year * No Data

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

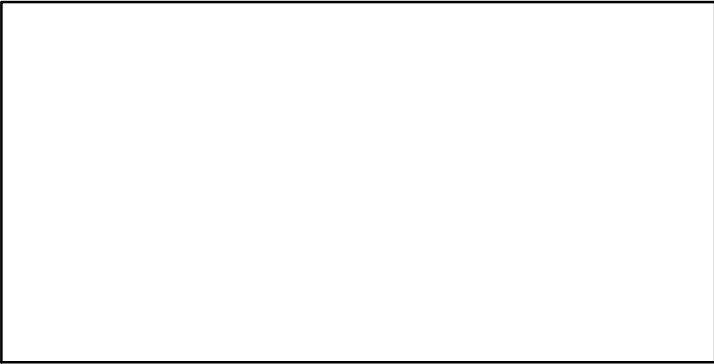
TB*



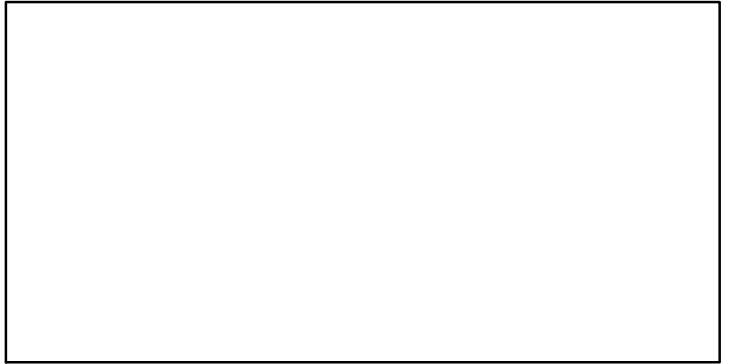
SSB*



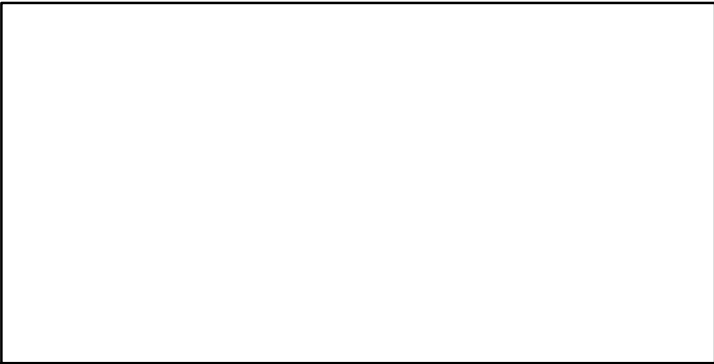
TN *



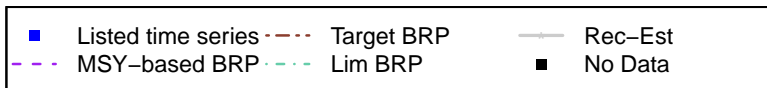
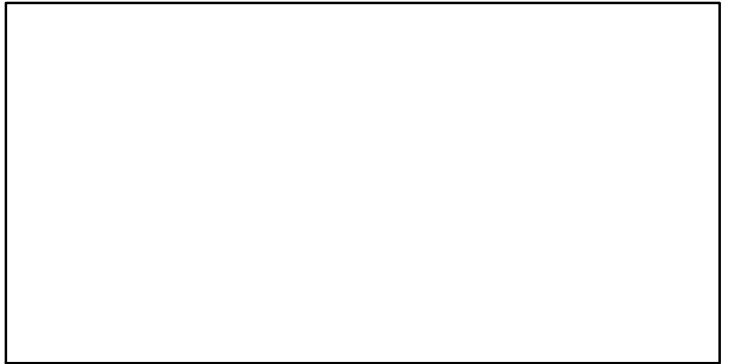
F*



ER*

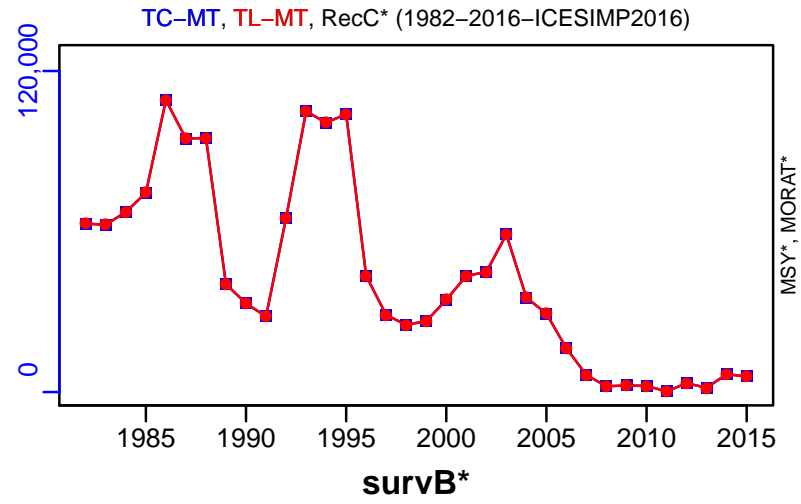


Recruits*



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

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



TAC*, Cpair*, Cadv*



CPUE*



EFFORT*



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

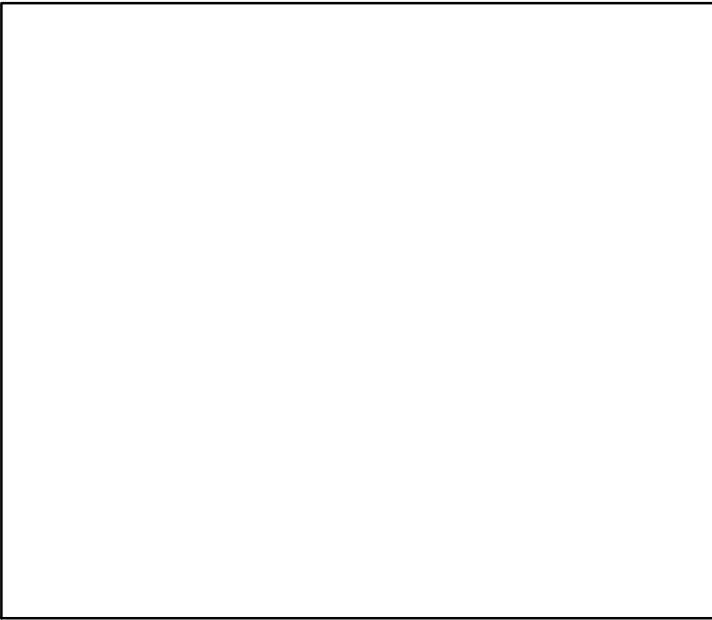
Beaked Redfish Va and XIV [REDDEEPVa-XIV]

Metadata	
Scientific Name	Sebastes mentella
Current Assess ID	NWWG-REDDEEPVa-XIV-1978-2016-ICESIMP2016
Area	Va and XIV
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	9310		
TL	TL-MT	2016	9310		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

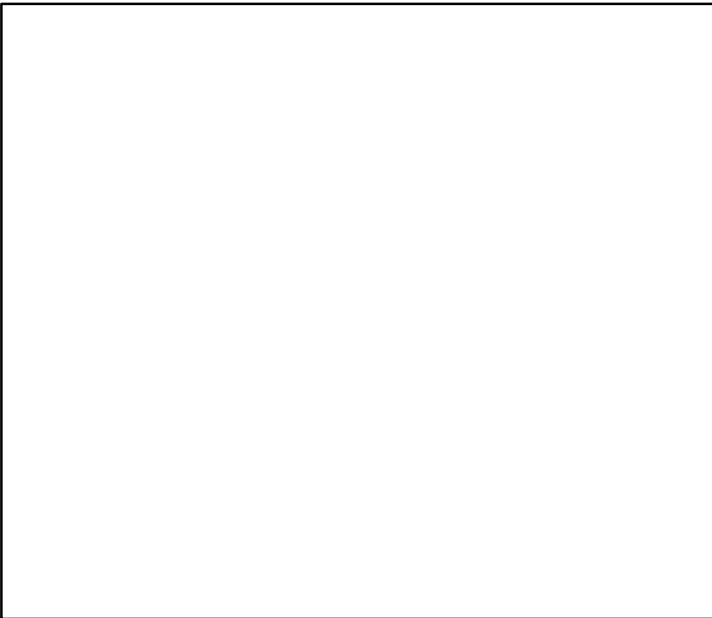
Kobe MSY*



Kobe MGT*



Spawner Recruit*



Production*



◆ Start Year ◆ End Year * No Data

Beaked Redfish Va and XIV [REDDEEPVa–XIV]

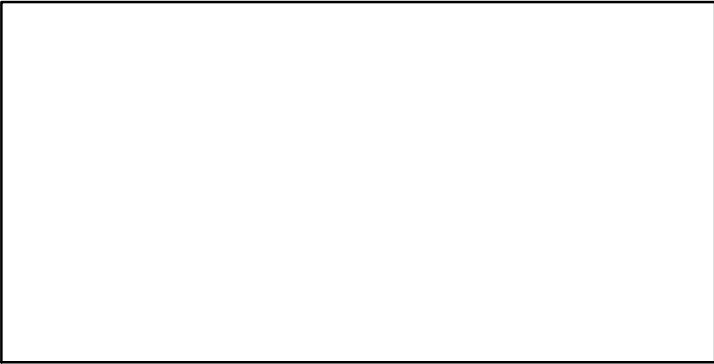
TB*



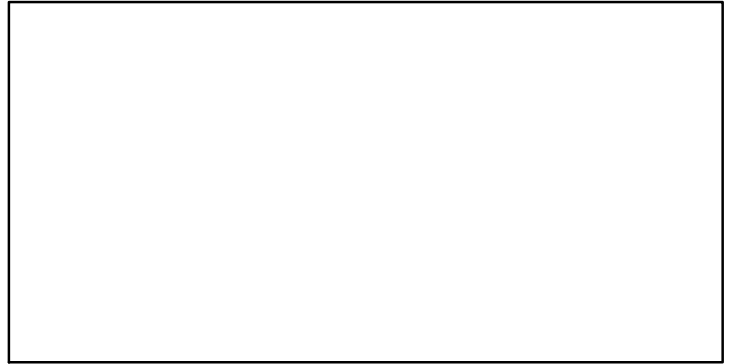
SSB*



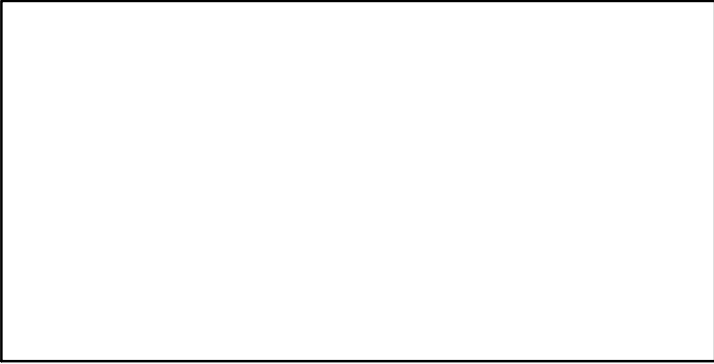
TN *



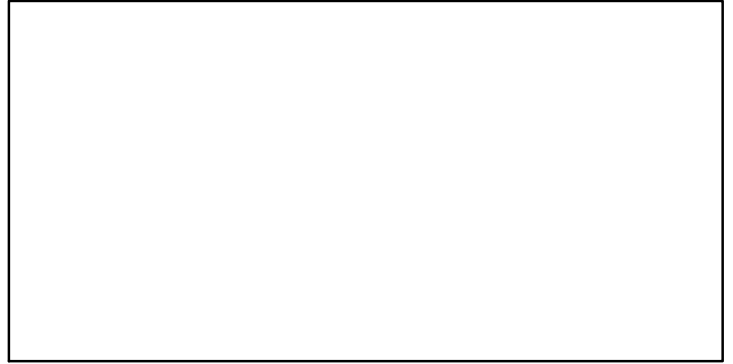
F*



ER*



Recruits*



Beaked Redfish Va and XIV [REDDEEPVa-XIV]

TC-MT, TL-MT, RecC* (1978-2016-ICESIMP2016)

TAC*, Cpair*, Cadv*

