

Europe non EU Stocks

v4.25 (Dec-14-2017)

1. Blue ling Va and XIV [BLINGVa-XIV]
2. Blue ling Vb-VI-VII [BLINGVb-VI-VII]
3. Capelin Iceland [CAPEICE]
4. Capelin IIa-V-XIV [CAPEIIa-V-XIV]
5. Capelin Barents Sea [CAPENOR]
6. Atlantic cod NAFO Subarea 1 (inshore) [COD1IN]
7. Atlantic cod Faroe Bank [CODFABNK]
8. Atlantic cod Faroe Plateau [CODFAPL]
9. Atlantic cod Iceland [CODICE]
10. Atlantic cod Northeast Arctic [CODNEAR]
11. Atlantic cod Northeast Arctic (Norwegian coastal waters) [CODNEARNCW]
12. Greenland halibut Northeast Arctic [GHALNEAR]
13. Golden Redfish Northeast Arctic [GOLDREDNEAR]
14. Greater silver smelt Va and XIV [GSSMELTVa-XIV]
15. Haddock Faroe Plateau [HADFAPL]
16. Haddock Iceland [HADICE]
17. Haddock Northeast Arctic [HADNEAR]
18. Herring Iceland (Summer spawners) [HERRIsum]
19. Norwegian Spring Spawning Herring [HERRNORSS]
20. Northern shrimp North-East Arctic [PANDALI-II]
21. Pollock Faroe Plateau [POLLFAPL]
22. Pollock Iceland Grounds [POLLIEG]
23. Pollock Northeast Arctic [POLLNEAR]
24. Deepwater Redfish Northeast Arctic [REDDEEPI-II]
25. Beaked Redfish Va and XIV [REDDEEPVa-XIV]

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

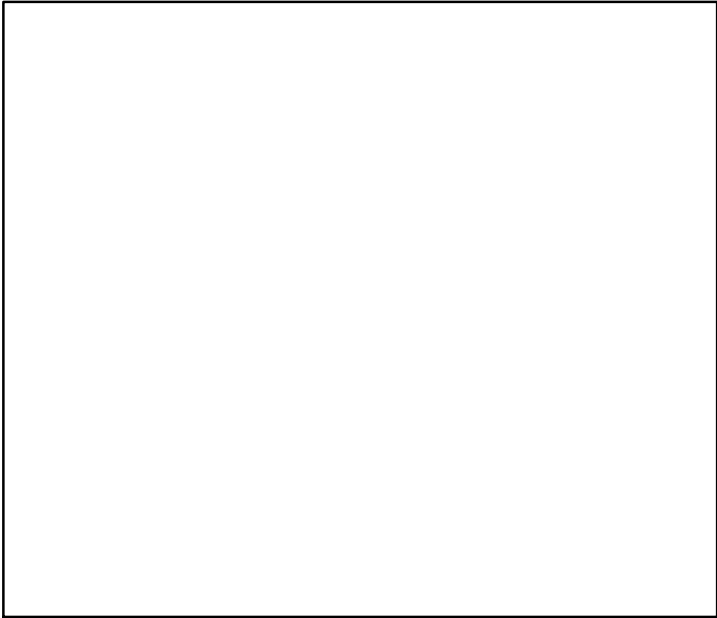
Kobe MSY*



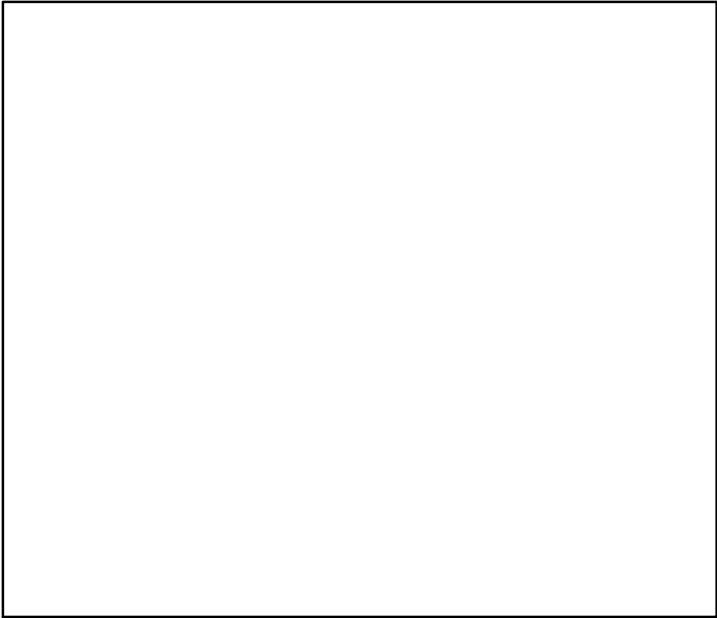
Kobe MGT*



Spawner Recruit*



Production*



◆ Start Year ◆ End Year * No Data

TB*



SSB*



TN *



F*



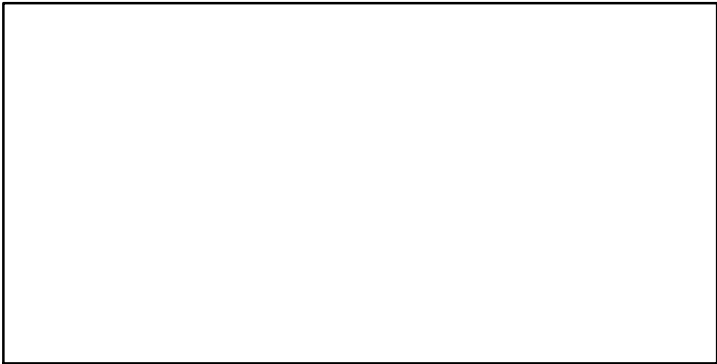
ER*



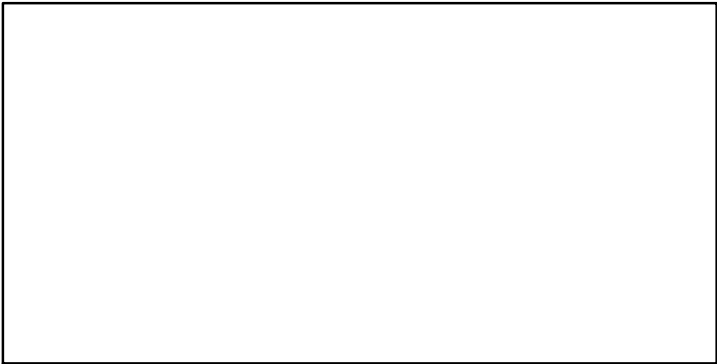
Recruits*



TC*, TL*, RecC*



TAC*, Cpair*, Cadv*



survB*



CPUE*



EFFORT*



■

1st listed time series

●

2nd listed time series

▲

3rd listed time series

MSY

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MORAT

*

No Data

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

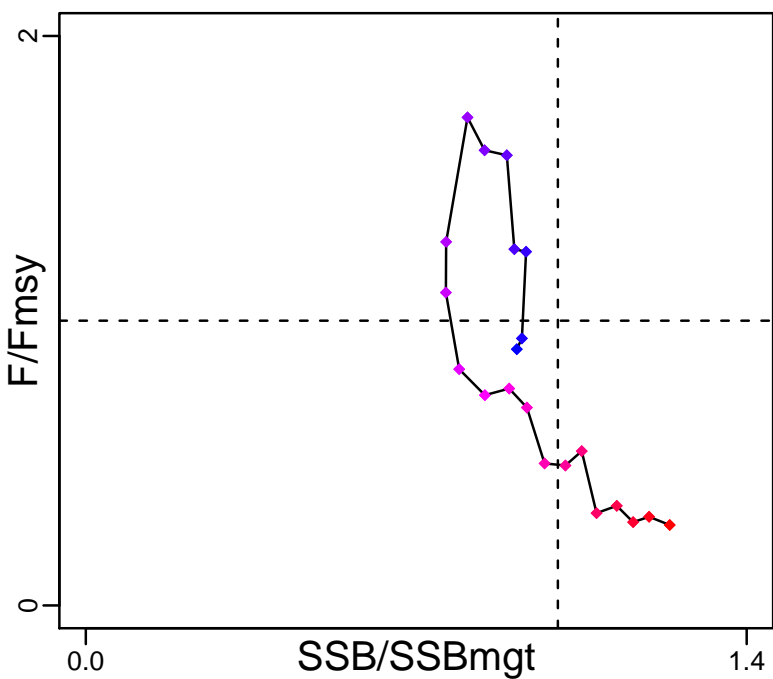
Metadata	
Scientific Name	Molva dypterygia
Current Assess ID	WGDEEP-BLINGVb-VI-VII-1966-2016-ICESIMP2016
Area	Vb-VI-VII
Management Authority	International Council for the Exploration of the Sea
Assessor	Working Group on the Biology and Assessment of Deep-Sea Fisheries Resources
Asmts in RAM	2016, 2014

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	-	-	-

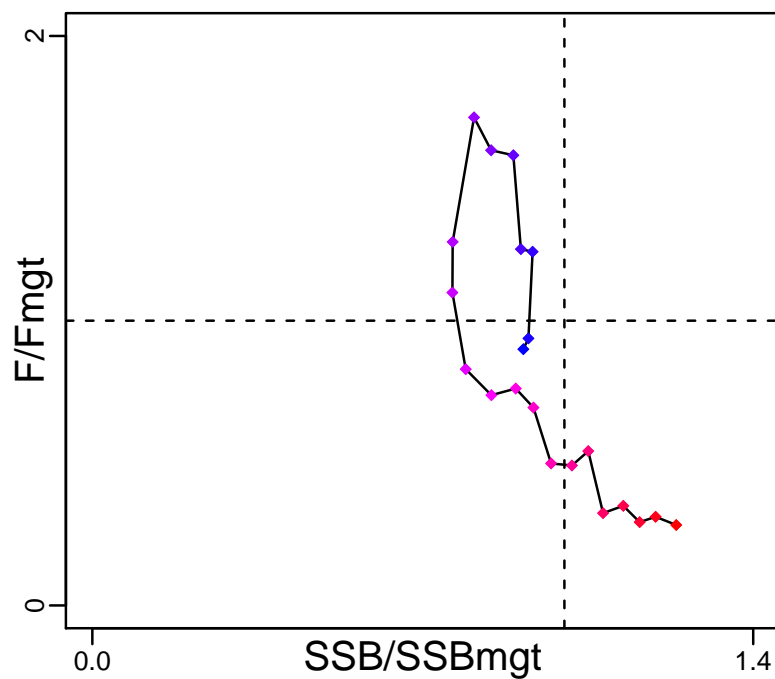
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	-	-	-	-	-
SSB	-	-	-	-	-
TN	-	-	-	-	-
R	-	-	-	-	-
F	-	-	-	-	-
ER	-	-	-	-	-
TC	-	-	-		
TL	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

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

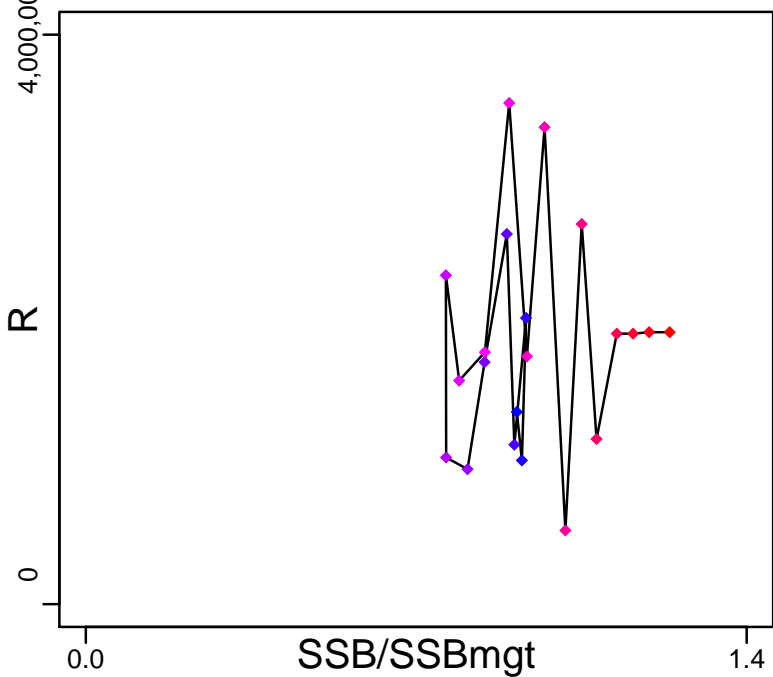
Kobe MSYpref (1966-2016-ICESIMP2016)



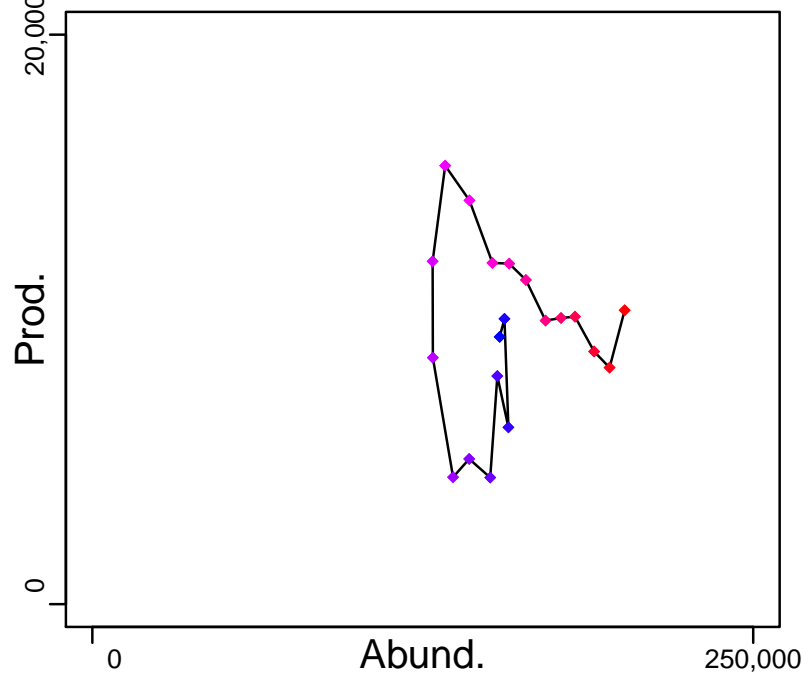
Kobe MGTpref (1966-2016-ICESIMP2016)



Spawner Recruit (1966-2016-ICESIMP2016)



Production (1966-2016-ICESIMP2016)



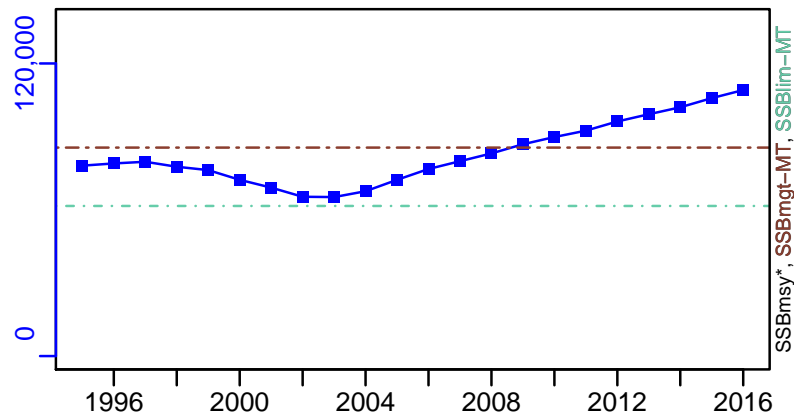
◆ Start Year ◆ End Year * No Data

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

TB*



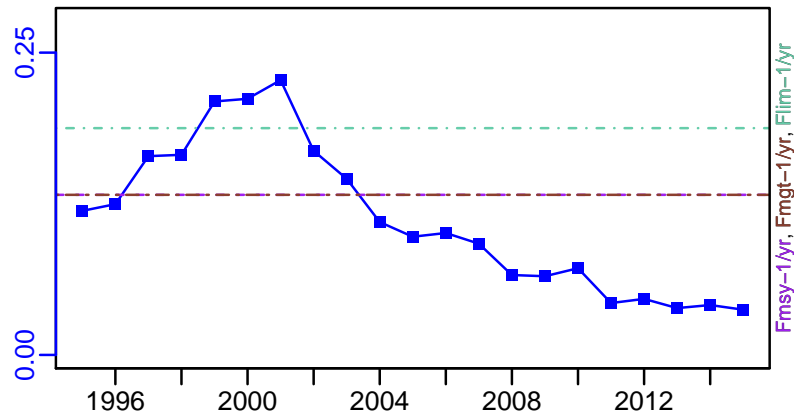
SSB-MT (1966-2016-ICESIMP2016)



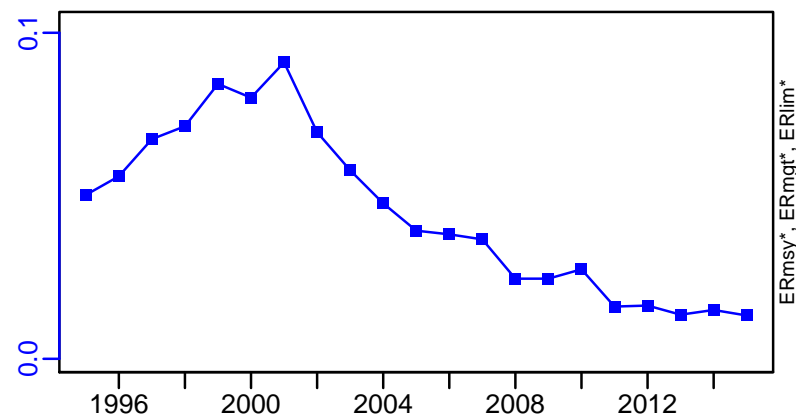
TN *



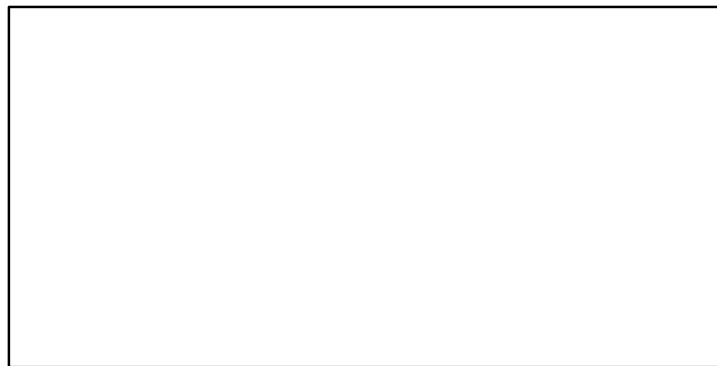
F-1/yr (1966-2016-ICESIMP2016)



ER-calc-ratio (1966-2016-ICESIMP2016)



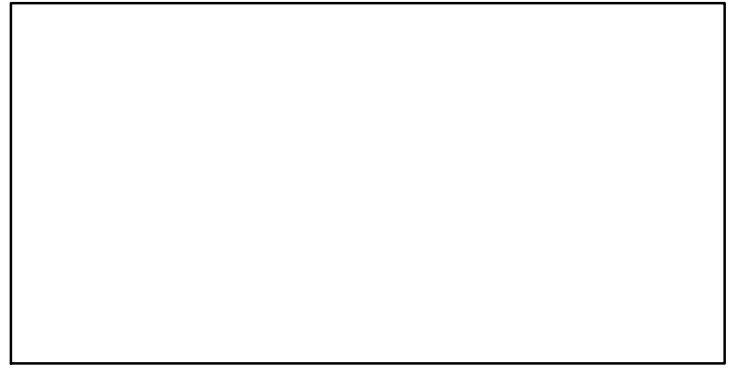
Recruits*



TC*, TL*, RecC*



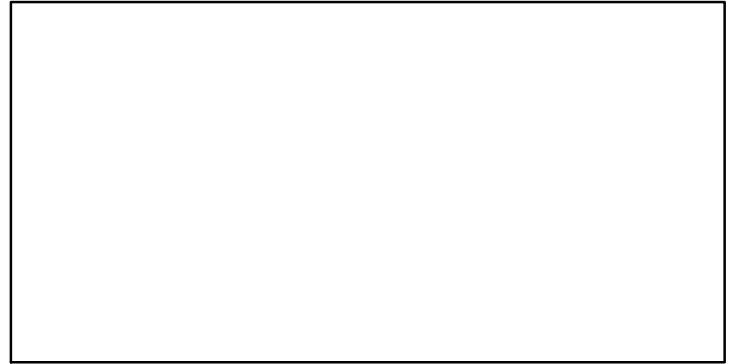
TAC*, Cpair*, Cadv*



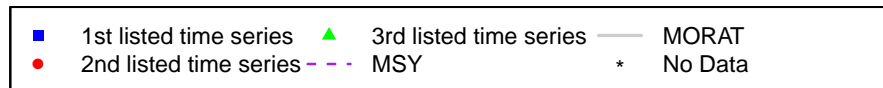
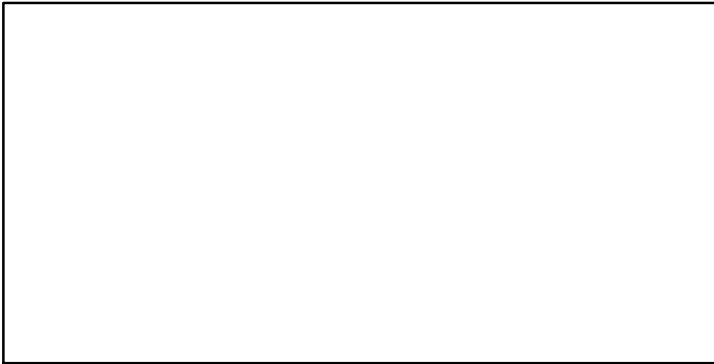
survB*



CPUE*



EFFORT*



Capelin Iceland [CAPEICE]

Metadata	
Scientific Name	Mallotus villosus
Current Assess ID	NWWG-CAPEICE-1977-2010-NEUBAUER
Area	Iceland Grounds
Management Authority	International Council for the Exploration of the Sea
Assessor	North-Western Working Group
Asmts in RAM	2010

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	2010	410,000	-	3+
TN	-	-	-	-	-
R	R-E00	2010	7.8×10^{10}	-	1
F	-	-	-	-	-
ER	ER-ratio	2010	0	-	-
TC	-	-	-		
TL	TL-MT	2010	15,000		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

Capelin Iceland [CAPEICE]

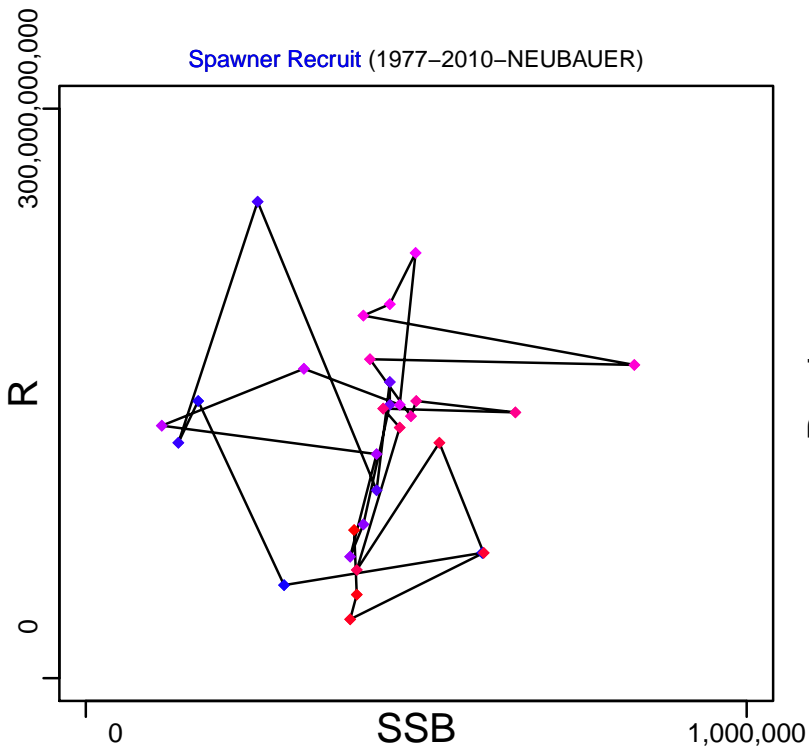
Kobe MSY*



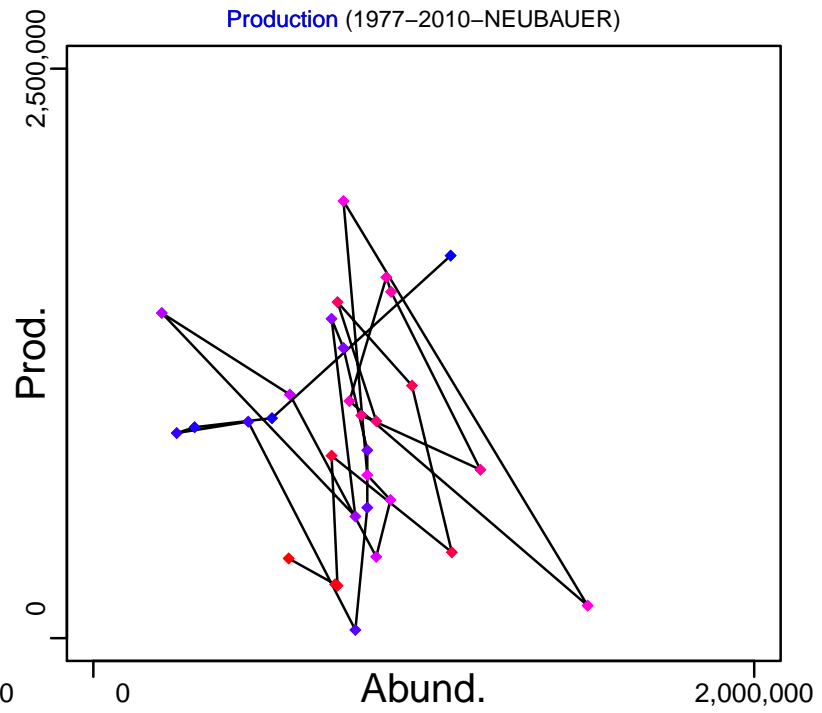
Kobe MGT*



Spawner Recruit (1977–2010–NEUBAUER)



Production (1977–2010–NEUBAUER)



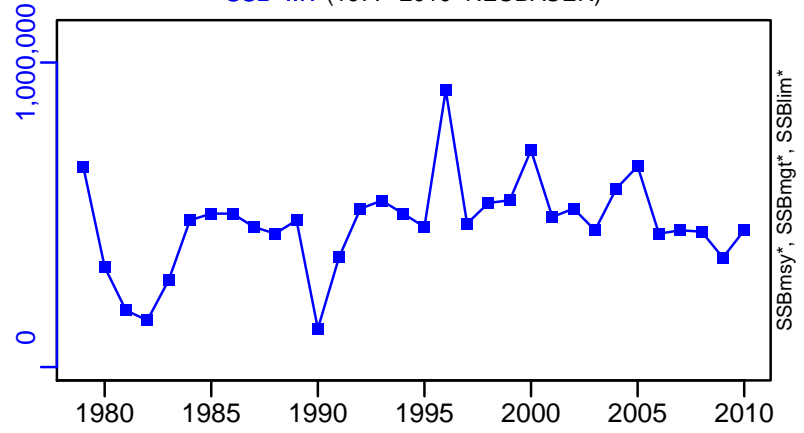
◆ Start Year ◆ End Year * No Data

Capelin Iceland [CAPEICE]

TB*



SSB-MT (1977-2010-NEUBAUER)



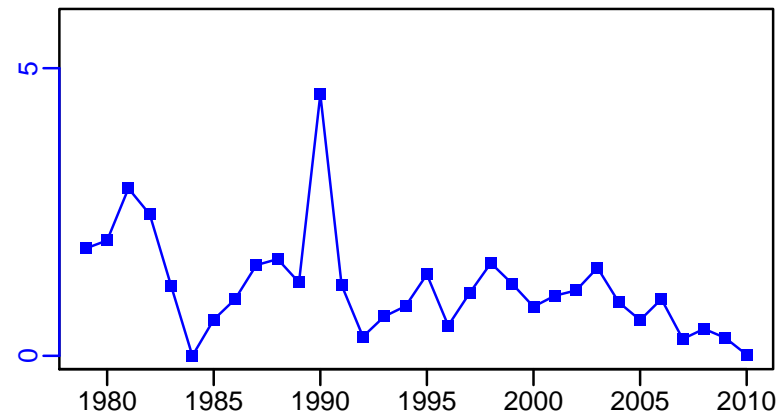
TN *



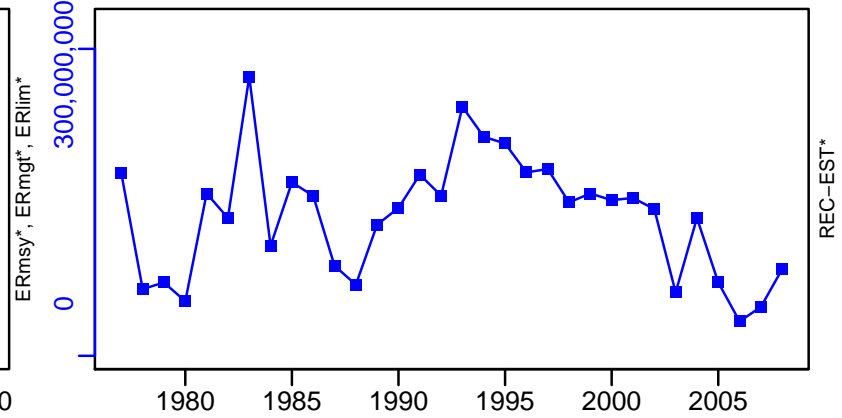
F*



ER-ratio (1977-2010-NEUBAUER)

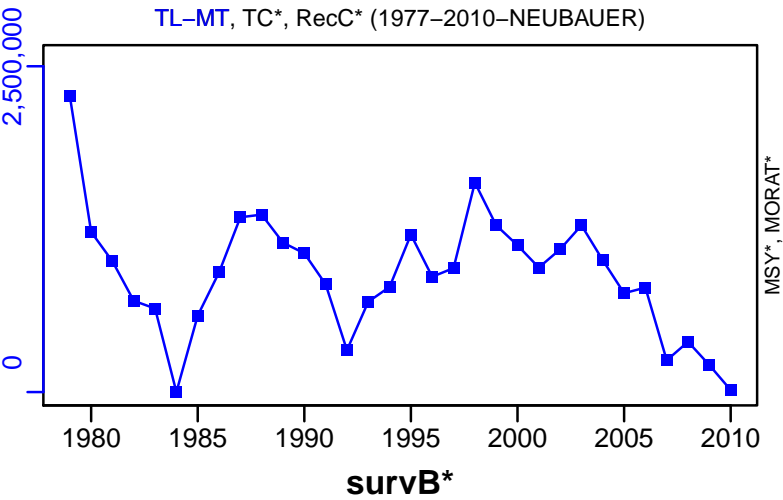


R-E00 (1977-2010-NEUBAUER)



Capelin Iceland [CAPEICE]

TL-MT, TC*, RecC* (1977-2010-NEUBAUER)



TAC*, Cpair*, Cadv*



CPUE*



EFFORT*



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	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	-	-	-	-	-
TN	-	-	-	-	-
R	-	-	-	-	-
F	-	-	-	-	-
ER	-	-	-	-	-
TC	-	-	-		
TL	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

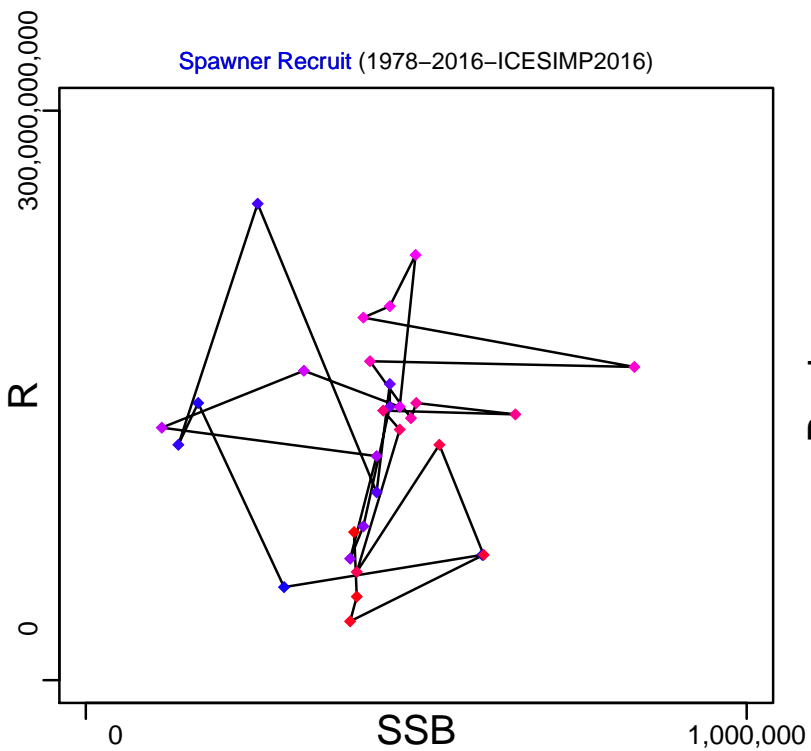
Kobe MSY*



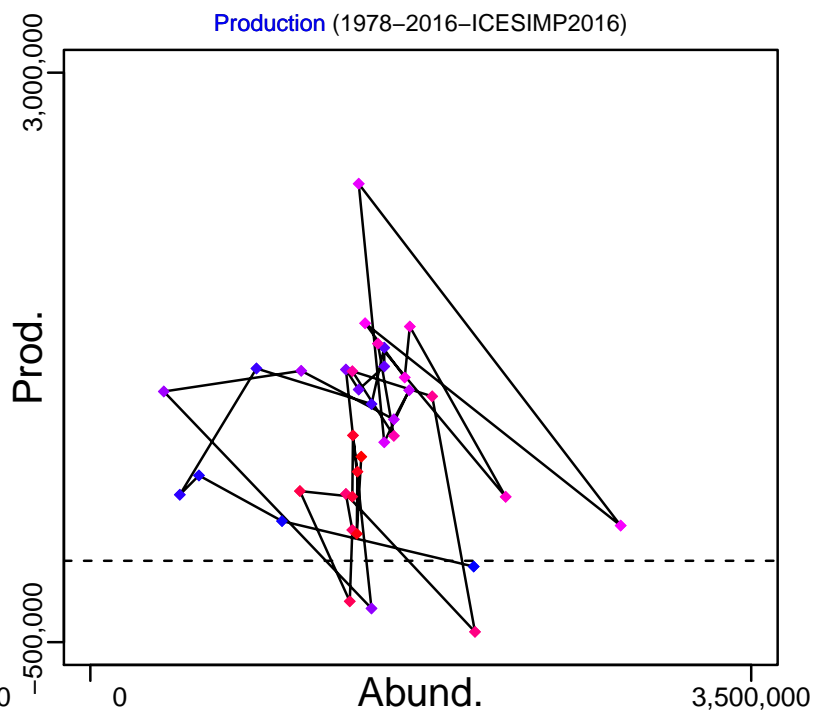
Kobe MGT*



Spawner Recruit (1978–2016–ICESIMP2016)



Production (1978–2016–ICESIMP2016)



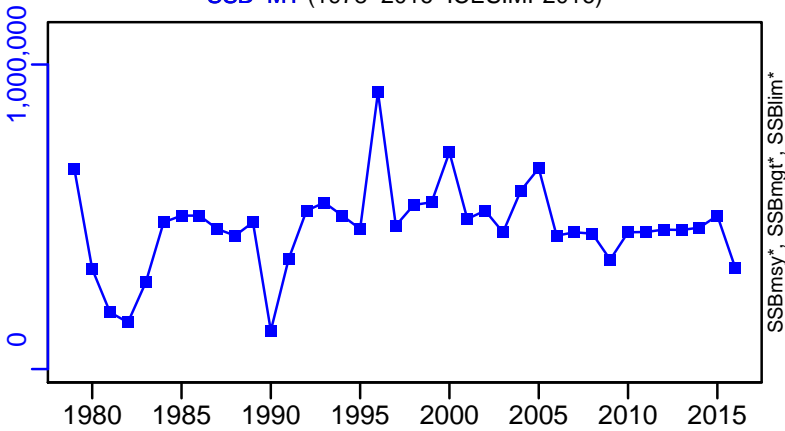
◆ Start Year ◆ End Year * No Data

Capelin IIa–V–XIV [CAPEIIa–V–XIV]

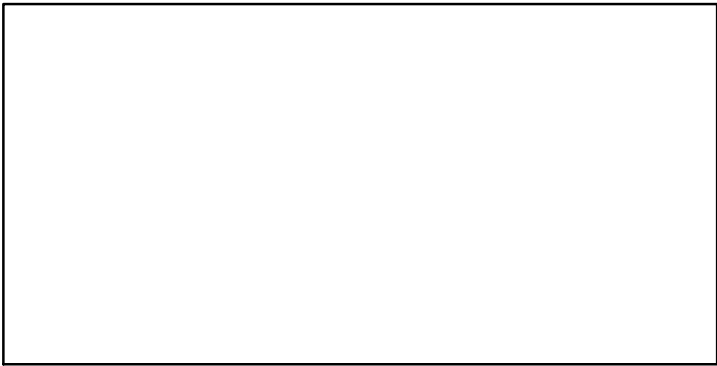
TB*



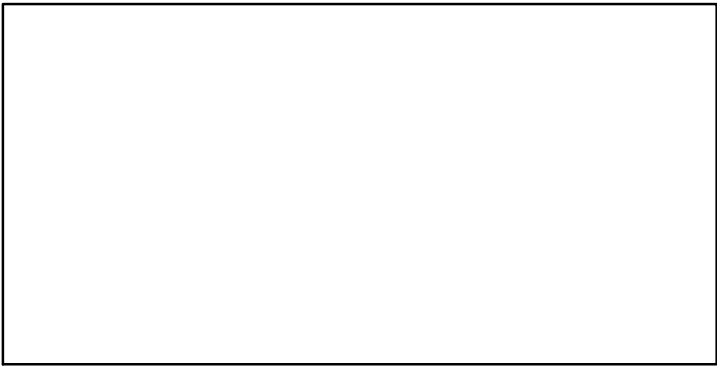
SSB–MT (1978–2016–ICESIMP2016)



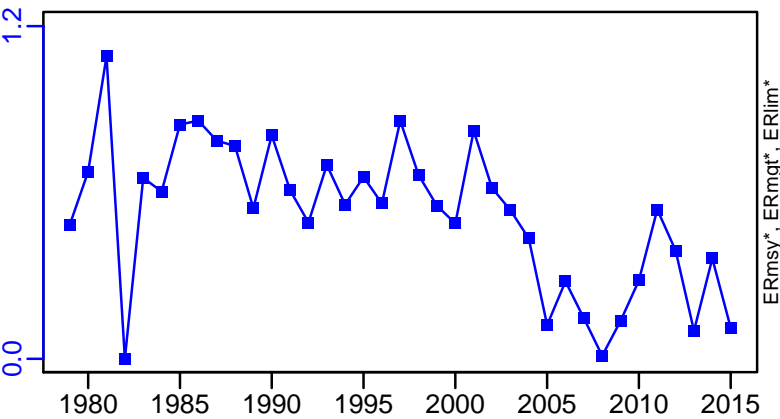
TN *



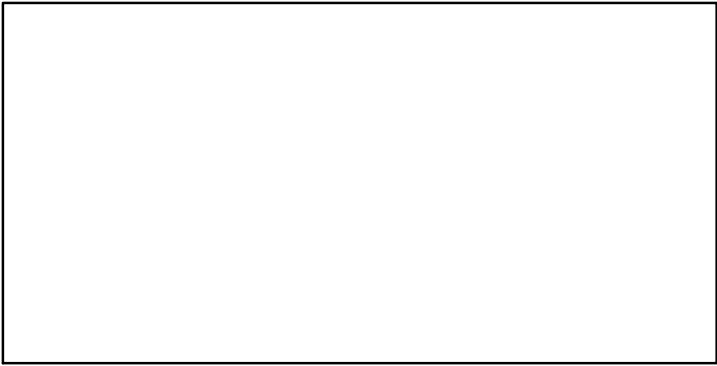
F*



ER–calc–ratio (1978–2016–ICESIMP2016)



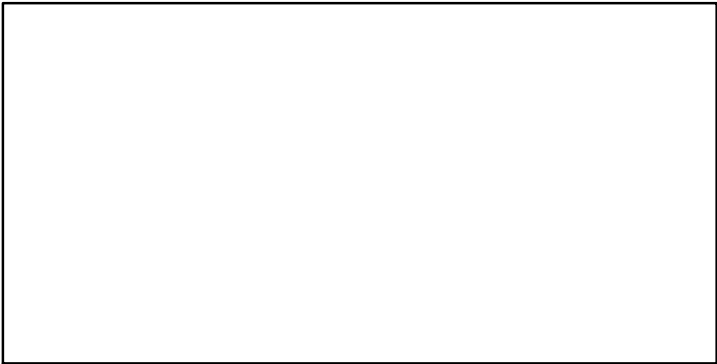
Recruits*



TC*, TL*, RecC*



TAC*, Cpair*, Cadv*



survB*



CPUE*



EFFORT*



■ 1st listed time series

● 2nd listed time series

▲ 3rd listed time series

- - MSY

— MORAT

* No Data

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	-	1+
SSB	SSB-MT	2007	189,000	-	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]

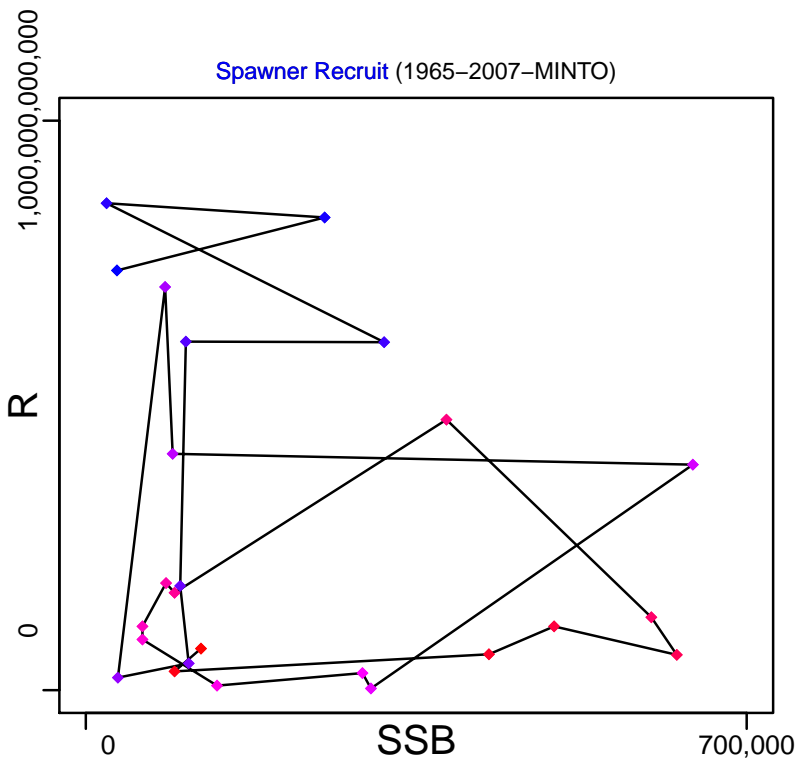
Kobe MSY*



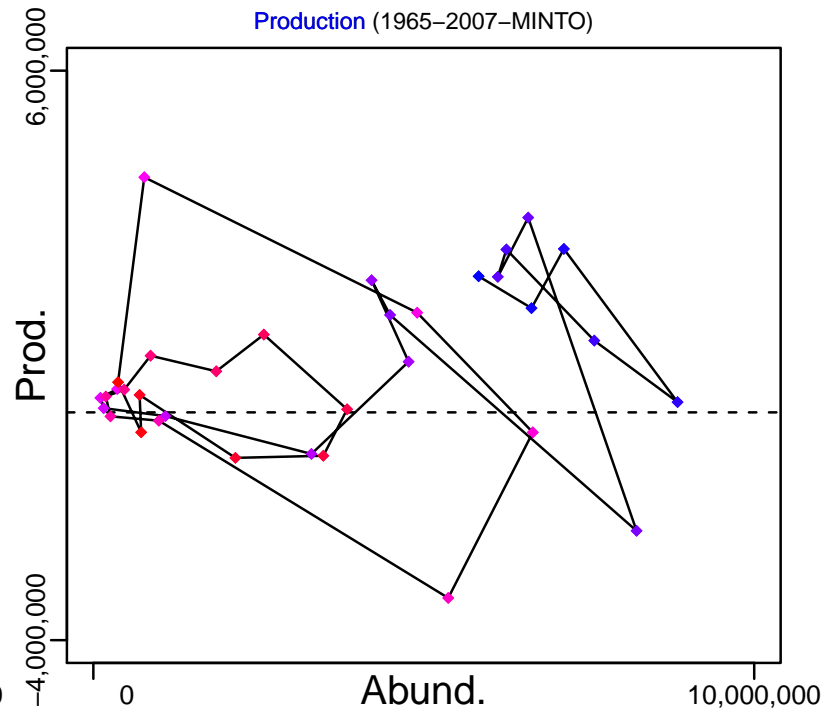
Kobe MGT*



Spawner Recruit (1965–2007–MINTO)



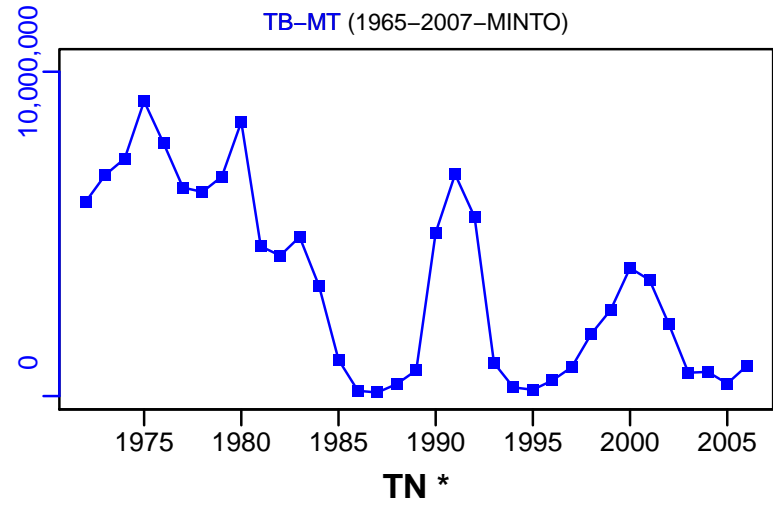
Production (1965–2007–MINTO)



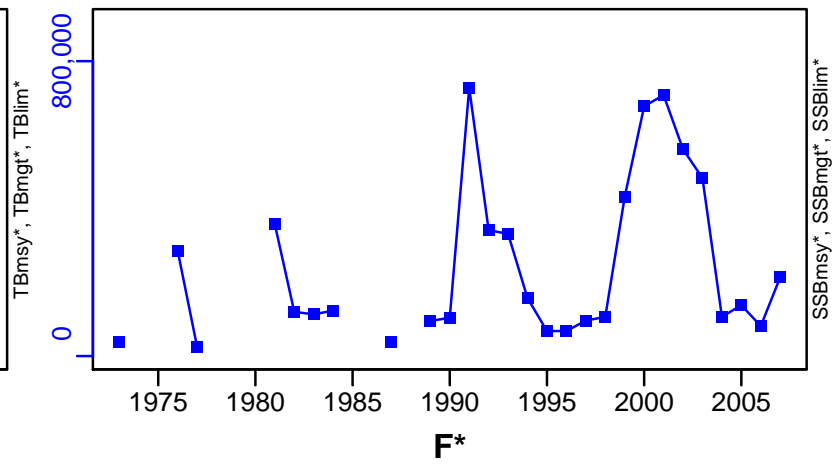
◆ Start Year ◆ End Year * No Data

Capelin Barents Sea [CAPENOR]

TB-MT (1965–2007–MINTO)

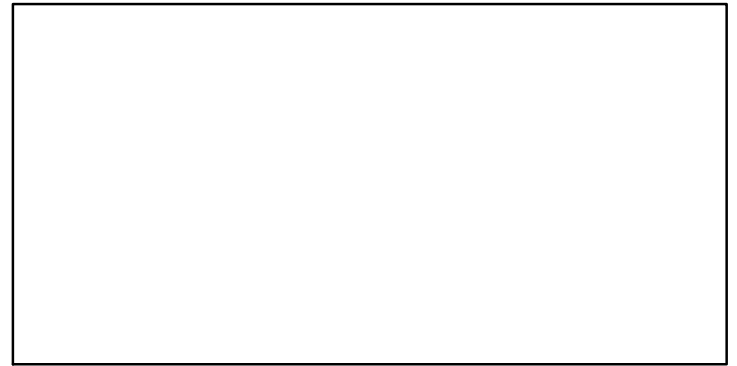
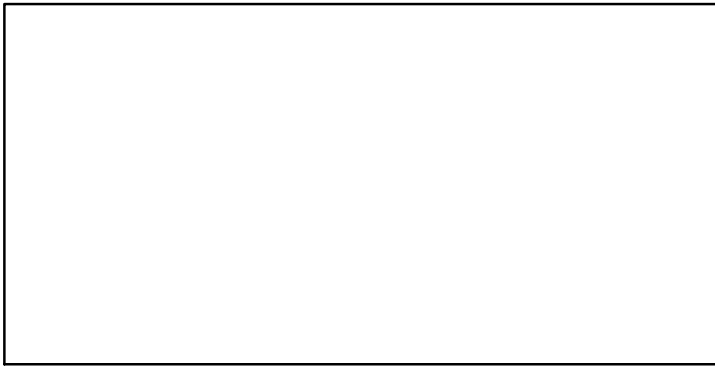


SSB-MT (1965–2007–MINTO)

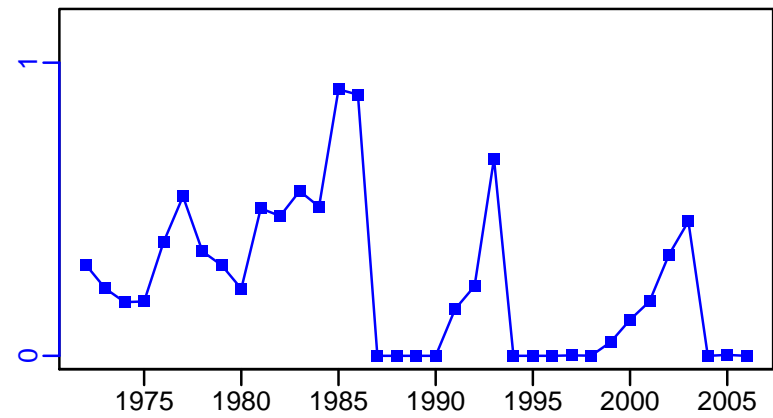


TN *

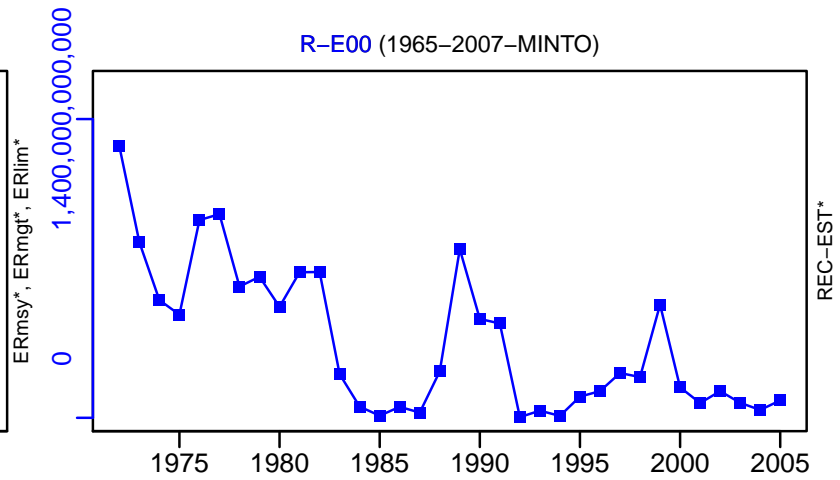
F*



ER-ratio (1965–2007–MINTO)

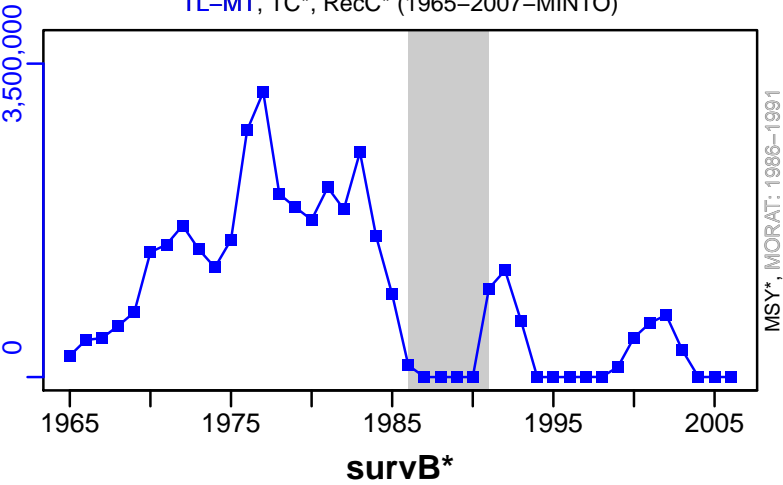


R-E00 (1965–2007–MINTO)



Capelin Barents Sea [CAPENOR]

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



TAC*, Cpair*, Cadv*



CPUE*



EFFORT*



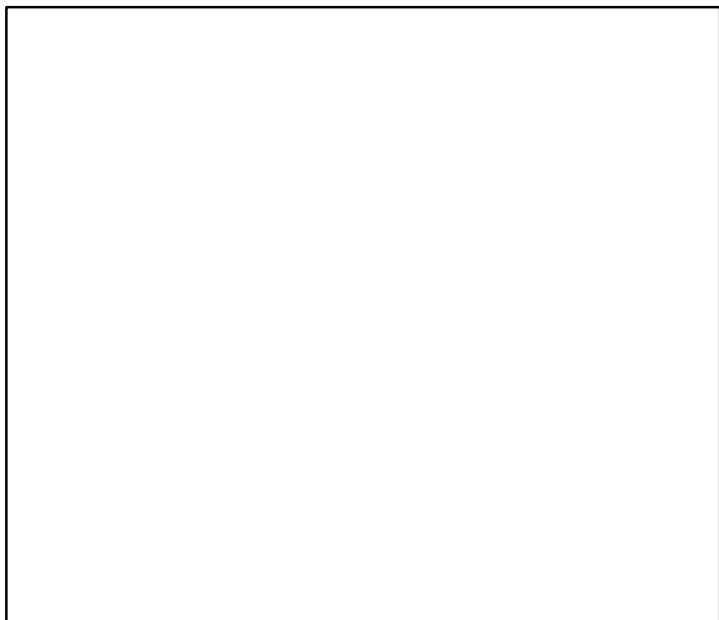
Atlantic cod NAFO Subarea 1 (inshore) [COD1IN]

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

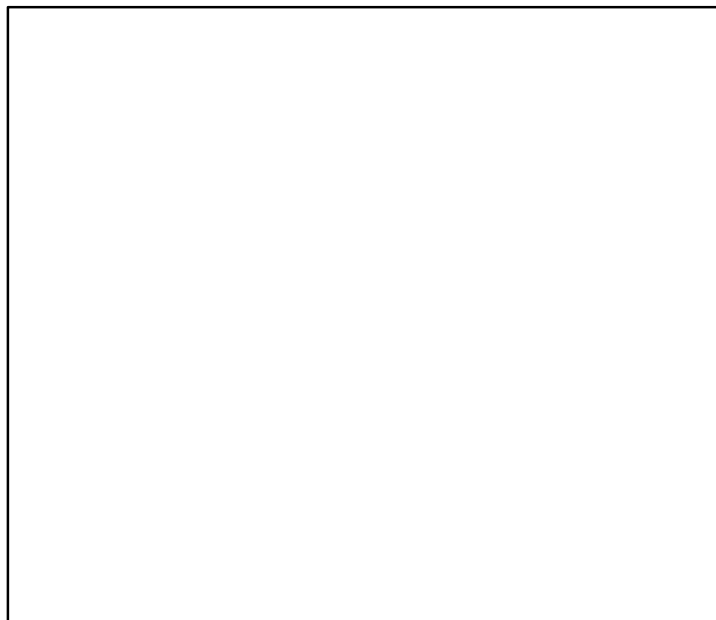
Reference Points			
Type	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	-	-	-
Fmsy	-	-	-
ERmsy	-	-	-
TBmgt	-	-	-
SSBmgt	-	-	-
Fmgt	-	-	-
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	-	-	-
M	-	-	-
TBlim	-	-	-
SSBlim	-	-	-
Flim	-	-	-
ERlim	-	-	-

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*



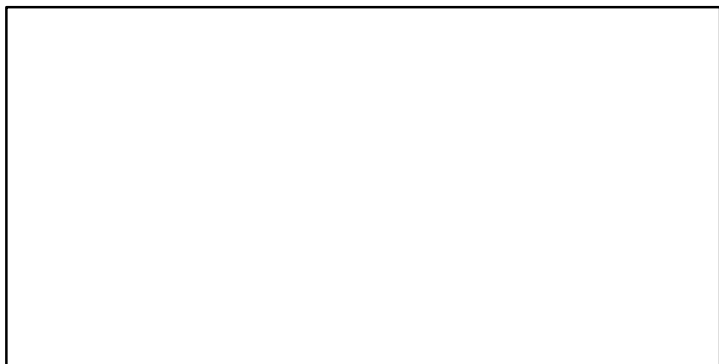
Production*



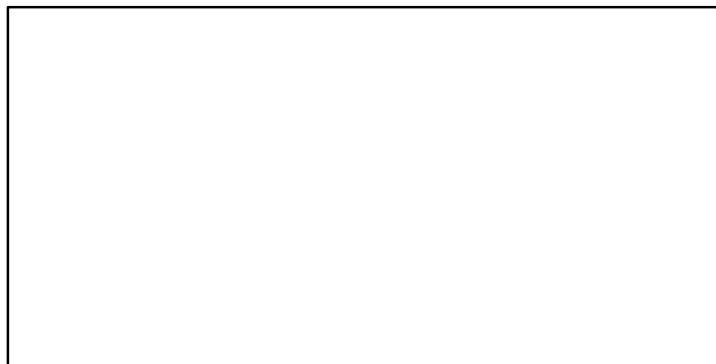
◆ Start Year ◆ End Year * No Data

Atlantic cod NAFO Subarea 1 (inshore) [COD1IN]

TB*



SSB*



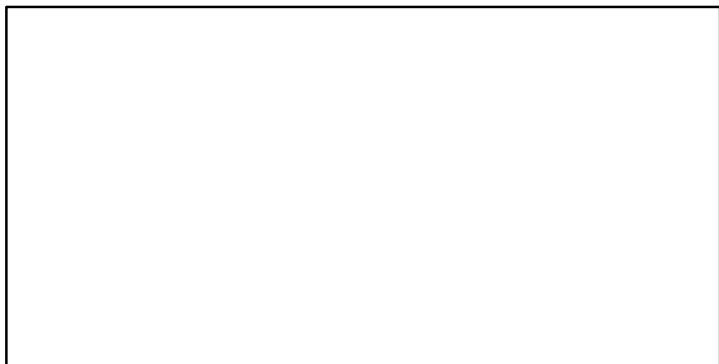
TN *



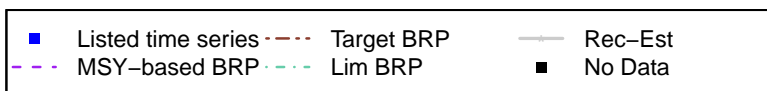
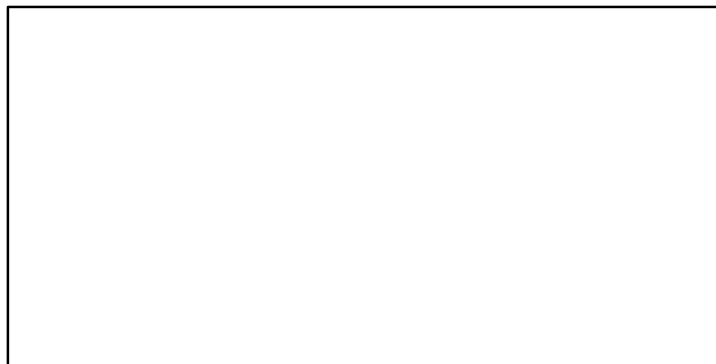
F*



ER*



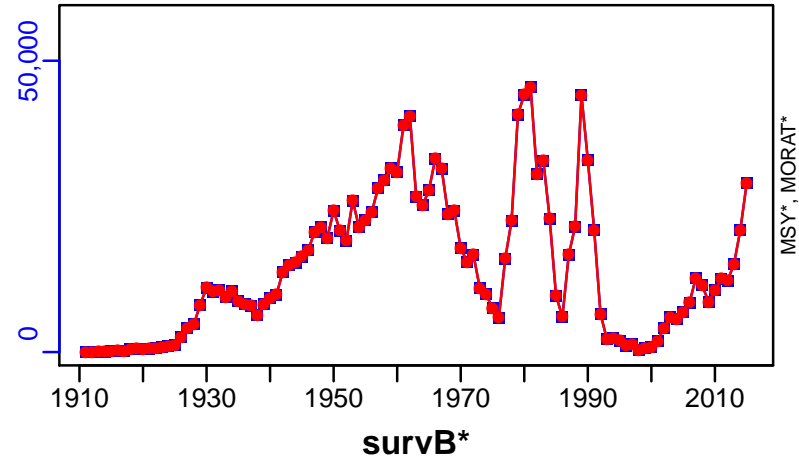
Recruits*



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	-	-	-		

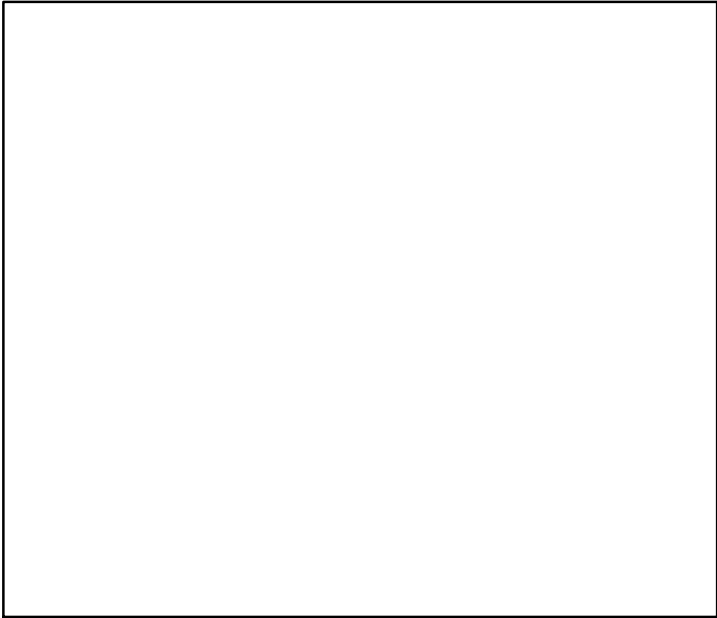
Kobe MSY*



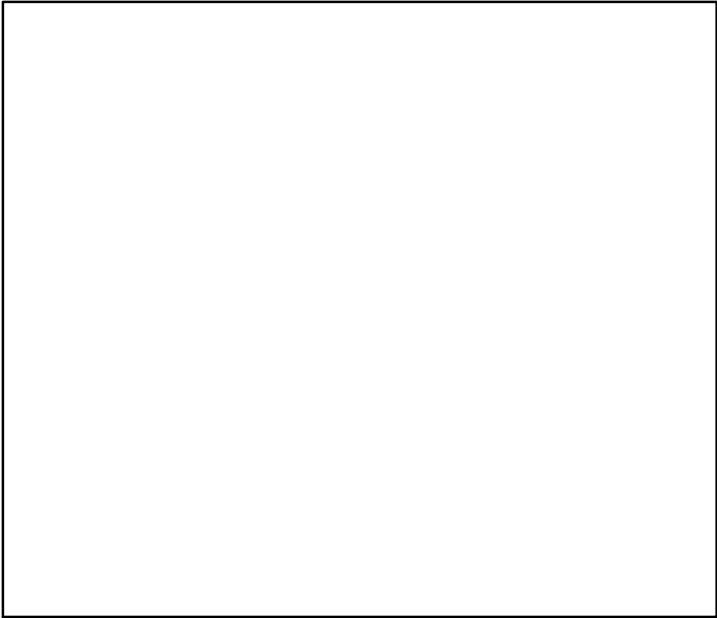
Kobe MGT*



Spawner Recruit*



Production*



◆ Start Year ◆ End Year * No Data

Atlantic cod Faroe Bank [CODFABNK]

TB*



SSB*



TN *



F*



ER*



Recruits*



■ Listed time series

- - - MSY-based BRP

- - - Target BRP

- · - Lim BRP

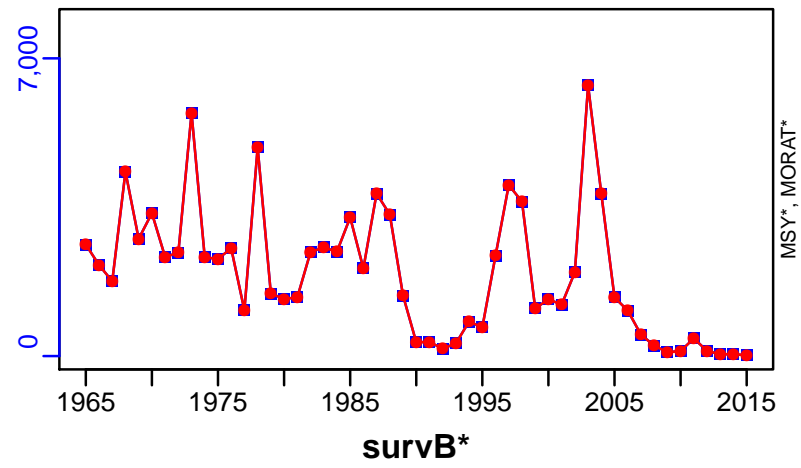
— Rec-Est

■ No Data

Atlantic cod Faroe Bank [CODFABNK]

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

TAC*, Cpair*, Cadv*



EFFORT*



Atlantic cod Faroe Plateau [CODFAPL]

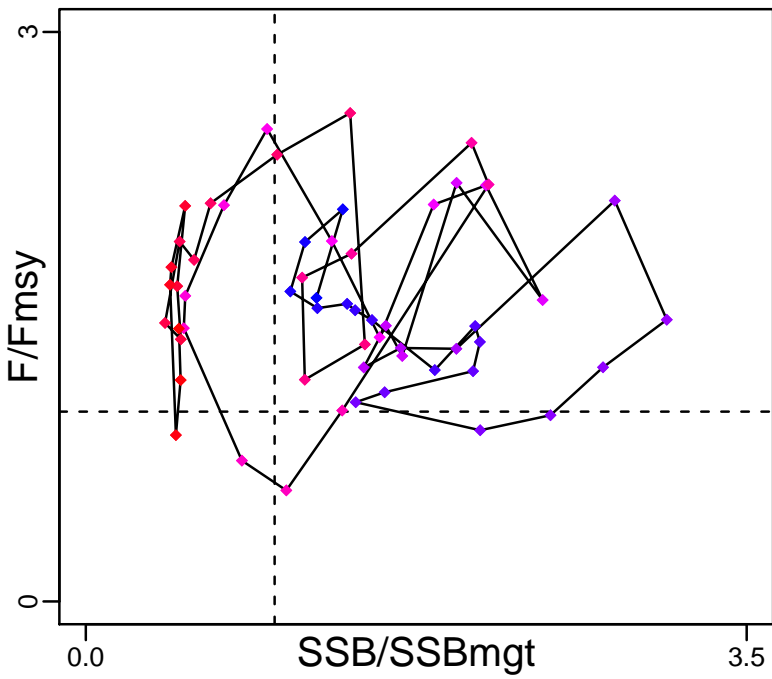
Metadata	
Scientific Name	Gadus morhua
Current Assess ID	NWWG-CODFAPL-1957-2016-ICESIMP2016
Area	Faroe Plateau
Management Authority	International Council for the Exploration of the Sea
Assessor	North-Western Working Group
Asmts in RAM	2015, 2016, 2012, 2013, 2014

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	-	-	-

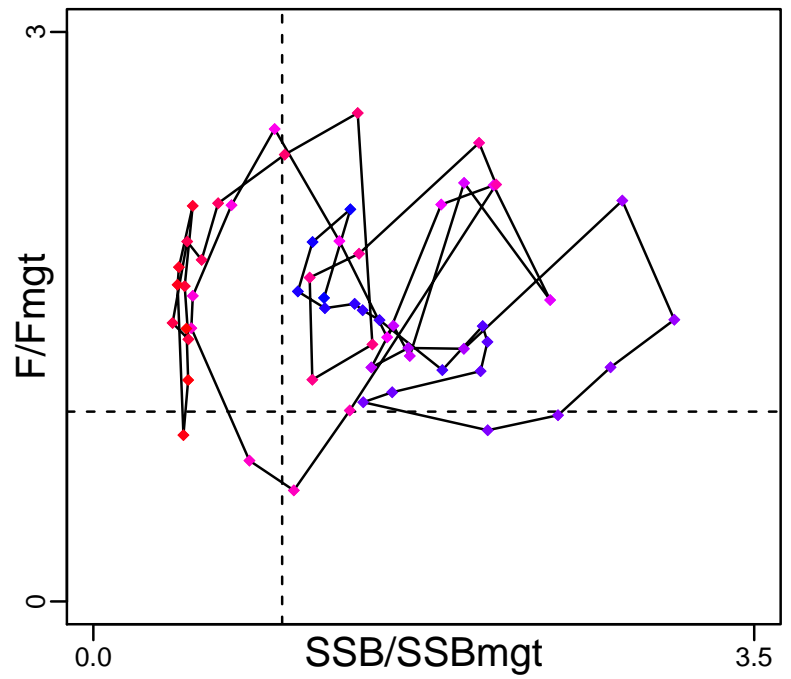
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	TB-MT	2016	28,500	-	-
SSB	SSB-MT	2016	22,400	-	-
TN	-	-	-	-	-
R	R-E00	2016	3,370,000	-	2
F	F-1/yr	2016	0	-	3 to 7
ER	ER-calc-ratio	2016	0	-	-
TC	TC-MT	2016	7390		
TL	TL-MT	2016	7390		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	F-1/yr/Fmsy-1/yr	2016	1.44		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2016	0.56		
F/Fmgt	F-1/yr/Fmgt-1/yr	2016	1.44		
ER/ERmgt	-	-	-		

Atlantic cod Faroe Plateau [CODFAPL]

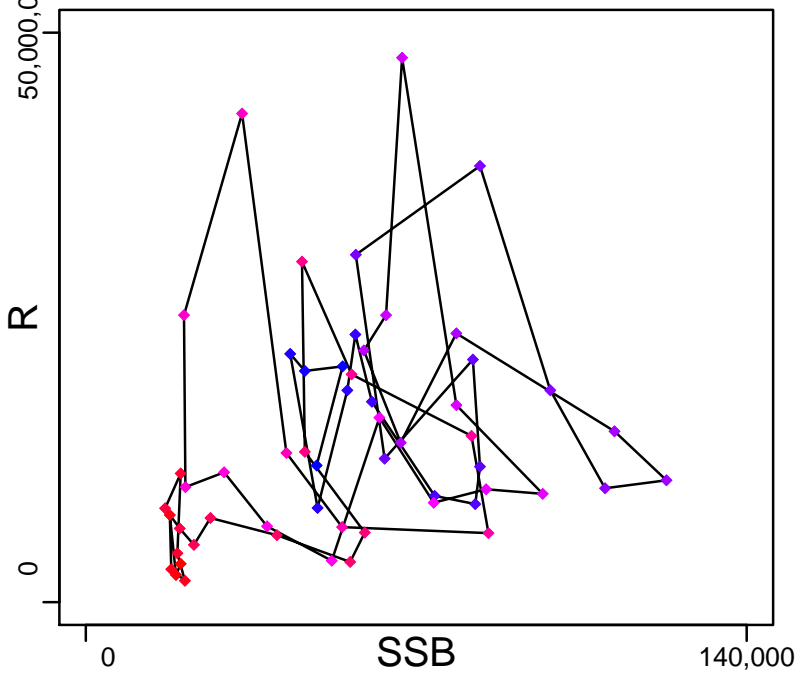
Kobe MSYpref (1957–2016–ICESIMP2016)



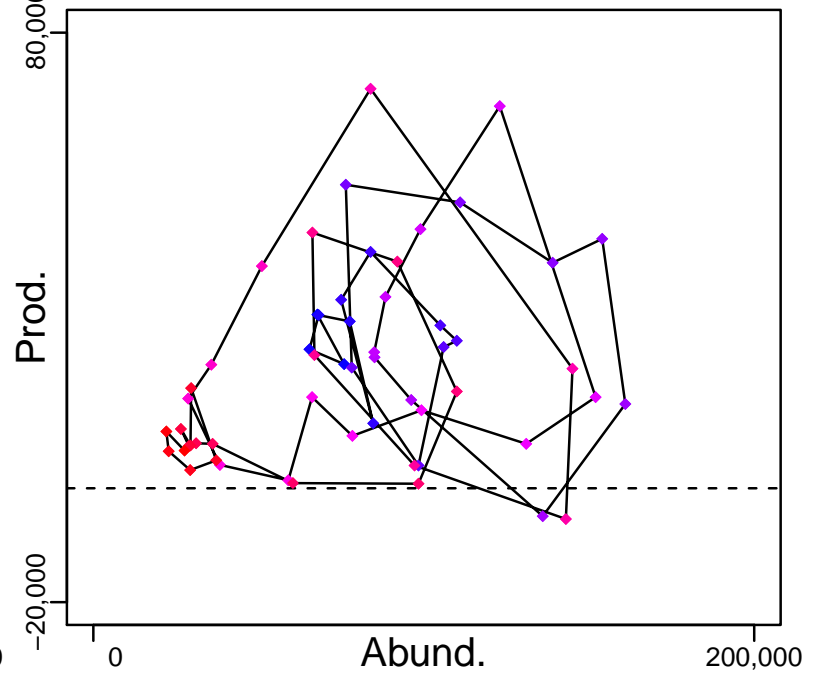
Kobe MGTpref (1957–2016–ICESIMP2016)



Spawner Recruit (1957–2016–ICESIMP2016)



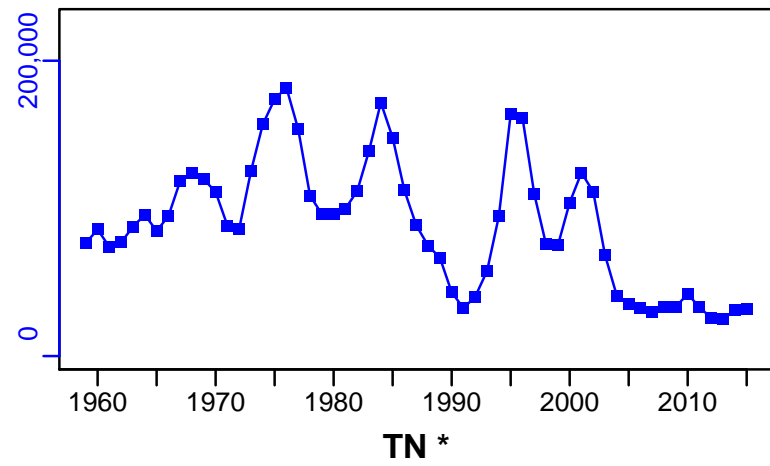
Production (1957–2016–ICESIMP2016)



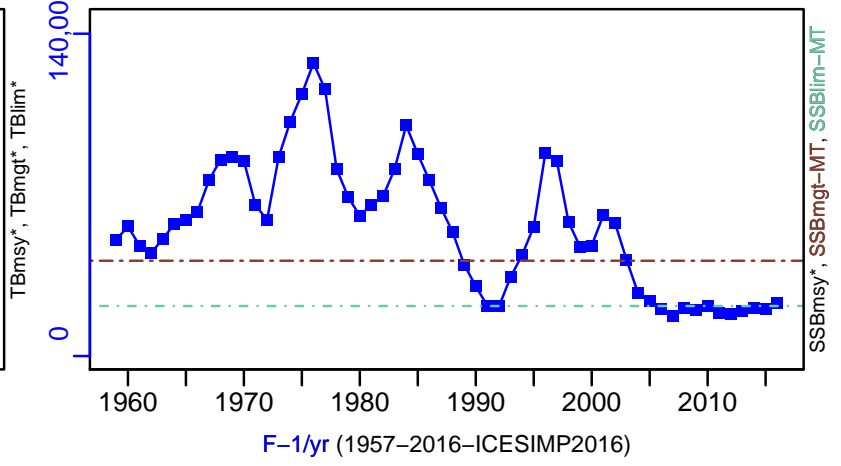
◆ Start Year ◆ End Year * No Data

Atlantic cod Faroe Plateau [CODFAPL]

TB-MT (1957–2016–ICESIMP2016)



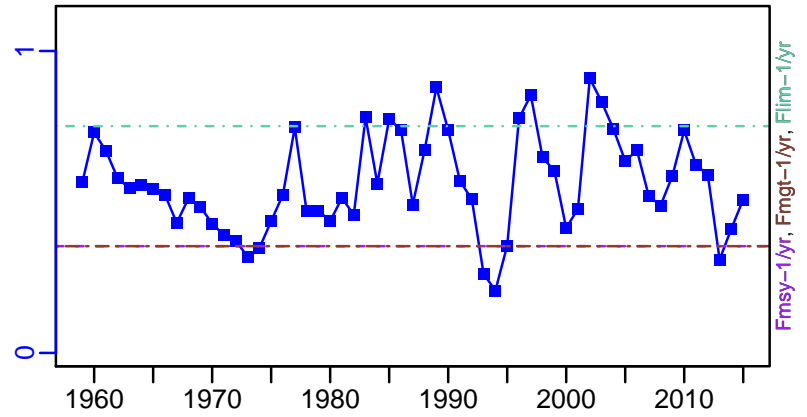
SSB-MT (1957–2016–ICESIMP2016)



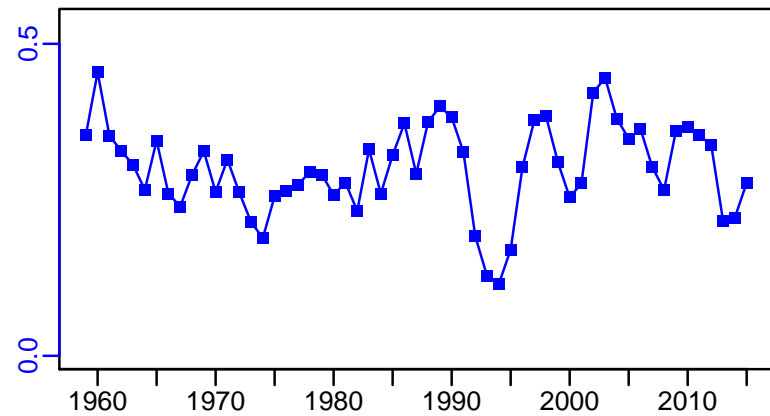
TN *



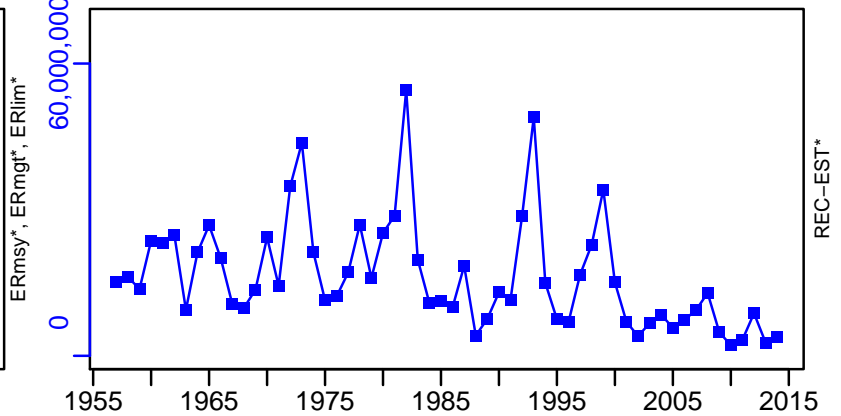
F-1/yr (1957–2016–ICESIMP2016)



ER-calc-ratio (1957–2016–ICESIMP2016)

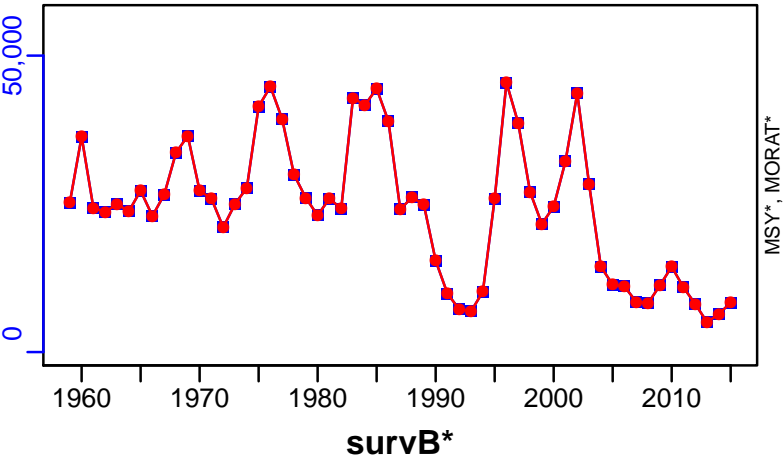


R-E00 (1957–2016–ICESIMP2016)



Atlantic cod Faroe Plateau [CODFAPL]

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



TAC*, Cpair*, Cadv*



CPUE*



EFFORT*



Atlantic cod Iceland [CODICE]

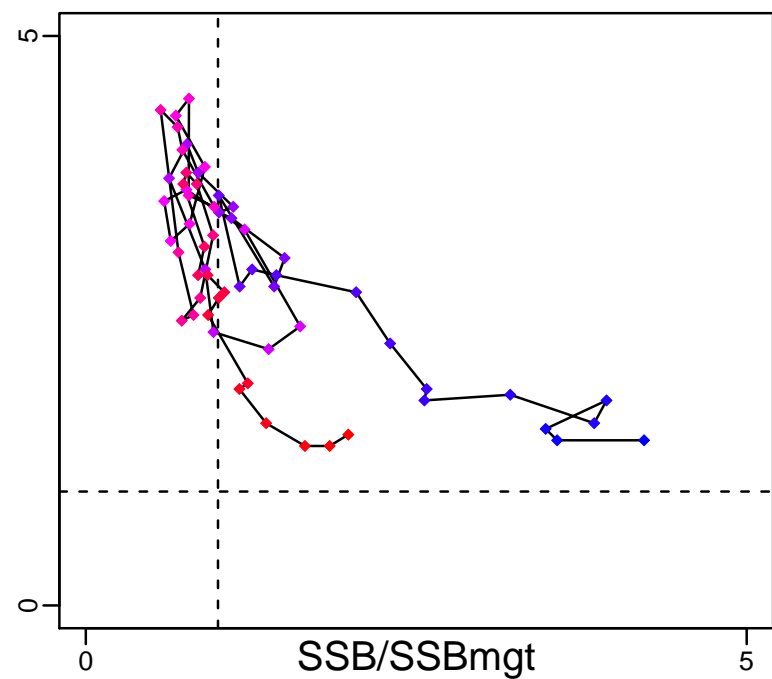
Metadata	
Scientific Name	Gadus morhua
Current Assess ID	NWWG-CODICE-1952-2016-ICESIMP2016
Area	Iceland Grounds
Management Authority	International Council for the Exploration of the Sea
Assessor	North-Western Working Group
Asmts in RAM	2012, 2013, 2014, 2015, 2016

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	-	-	-

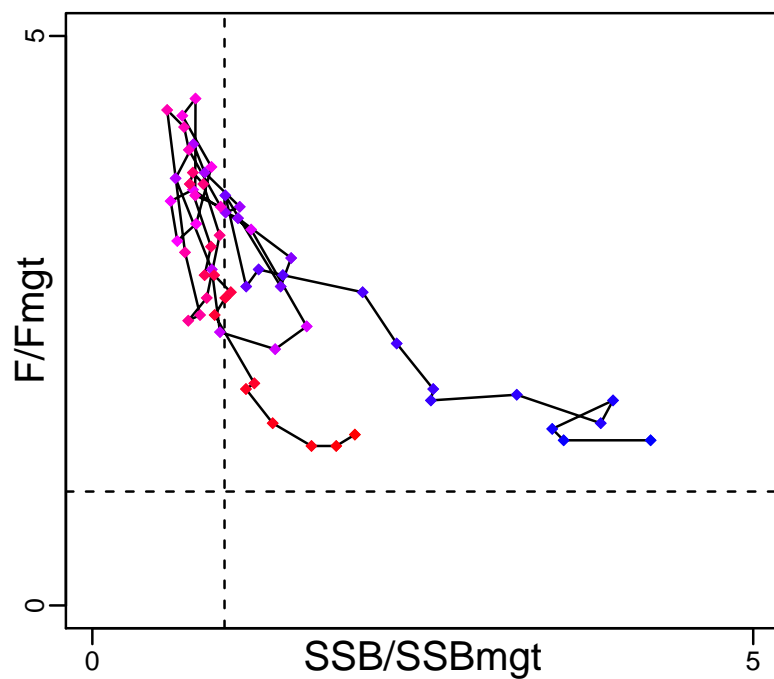
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	TB-MT	2014	1,160,000	-	-
SSB	SSB-MT	2016	464,000	-	-
TN	-	-	-	-	-
R	R-E00	2016	1.17×10^8	-	3
F	F-1/yr	2016	0	-	5 to 10
ER	ER-calc-ratio	2016	0	-	-
TC	-	-	-		
TL	TL-MT	2016	230,000		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2016	2.11		
F/Fmgt	F-1/yr/Fmgt-1/yr	2014	1.5		
ER/ERmgt	-	-	-		

Atlantic cod Iceland [CODICE]

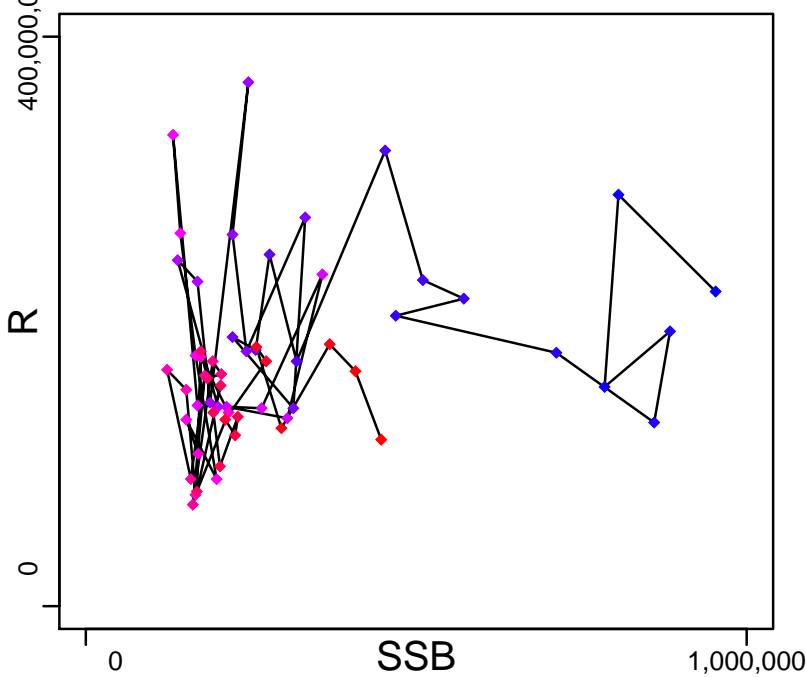
Kobe MSYpref (1952–2014–ICESIMP2016)



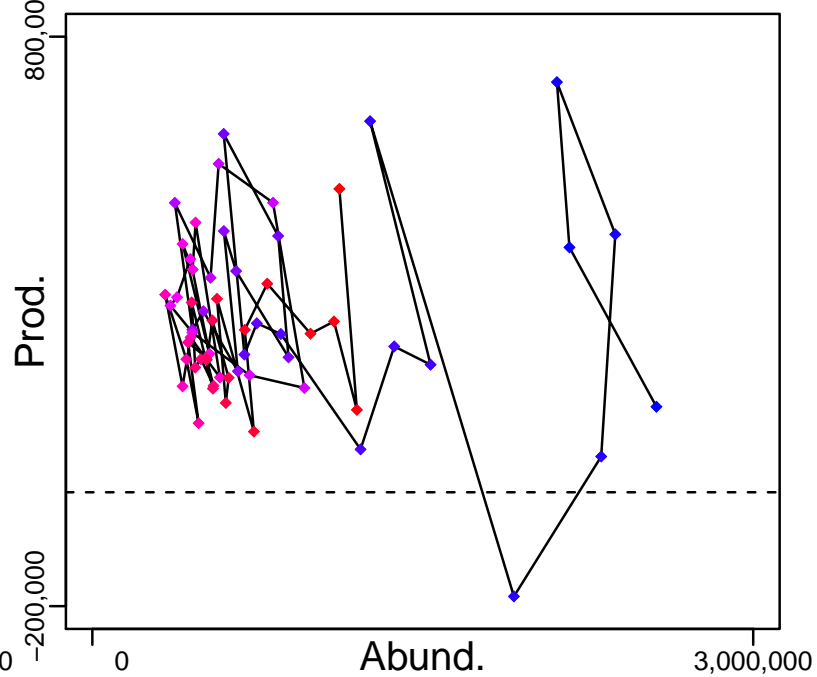
Kobe MGTpref (1952–2014–ICESIMP2016)



Spawner Recruit (1952–2016–ICESIMP2016)



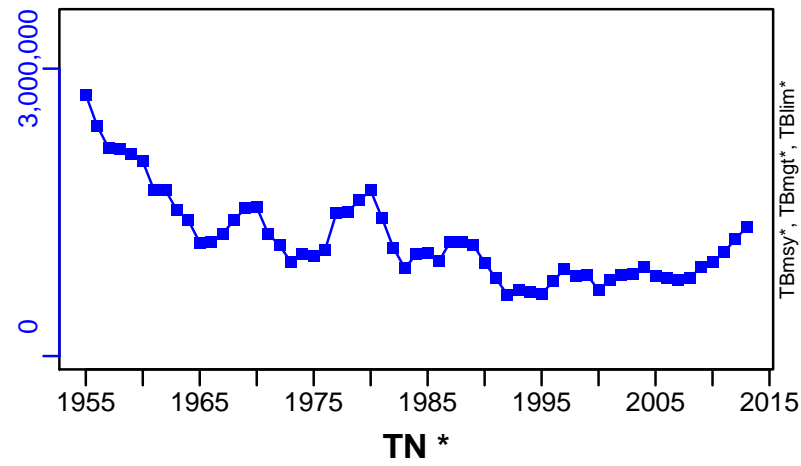
Production (1952–2016–ICESIMP2016)



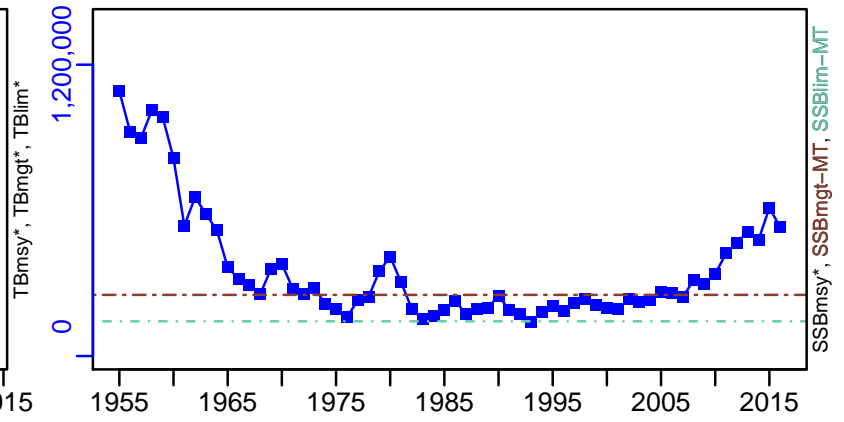
◆ Start Year ◆ End Year * No Data

Atlantic cod Iceland [CODICE]

TB-MT (1952–2014–ICESIMP2016)

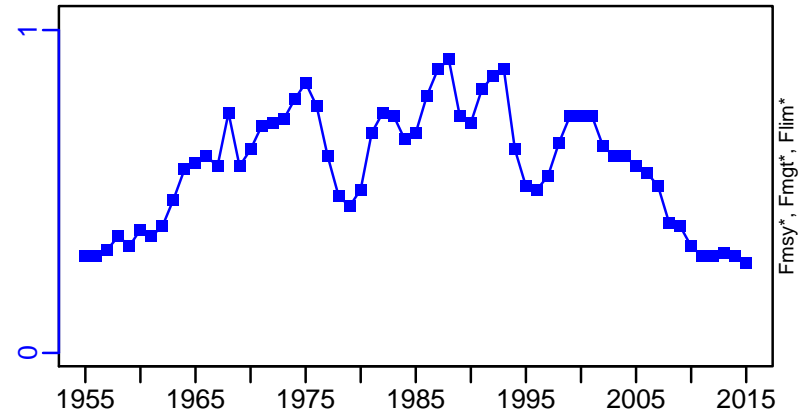
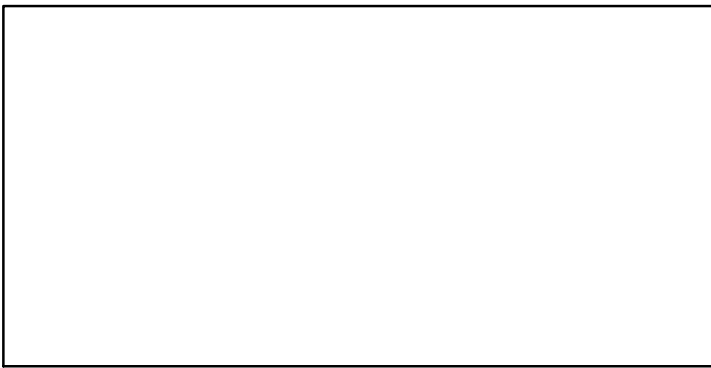


SSB-MT (1952–2016–ICESIMP2016)

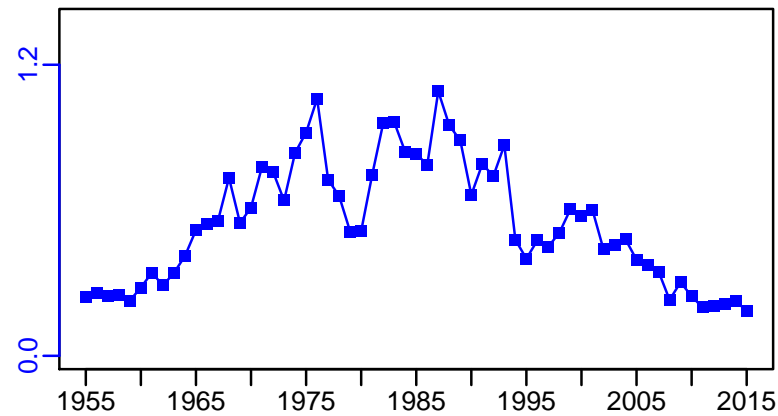


TN *

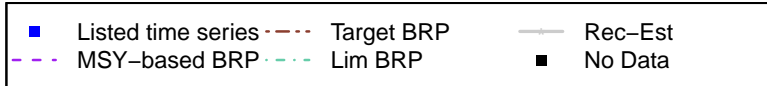
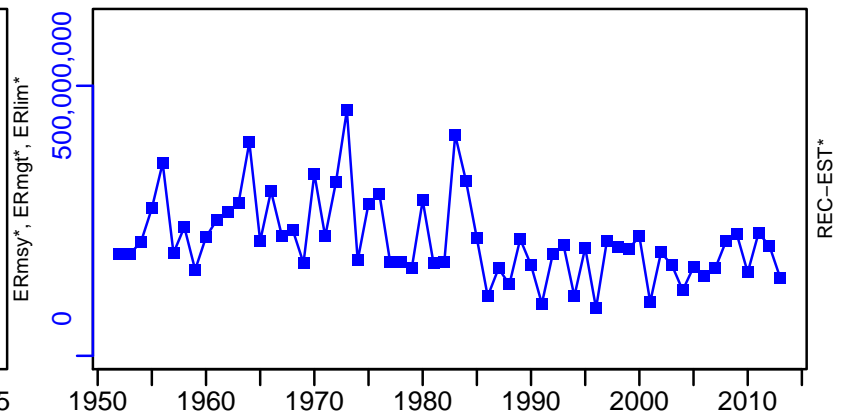
F-1/yr (1952–2016–ICESIMP2016)



ER-calc-ratio (1952–2016–ICESIMP2016)



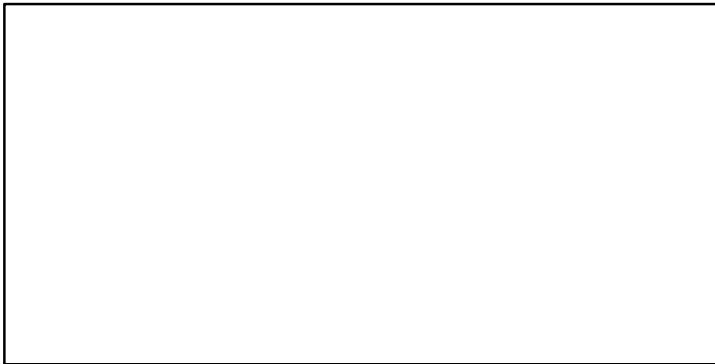
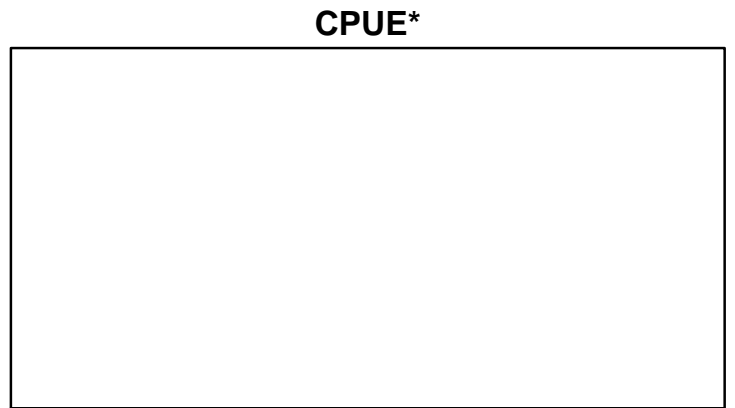
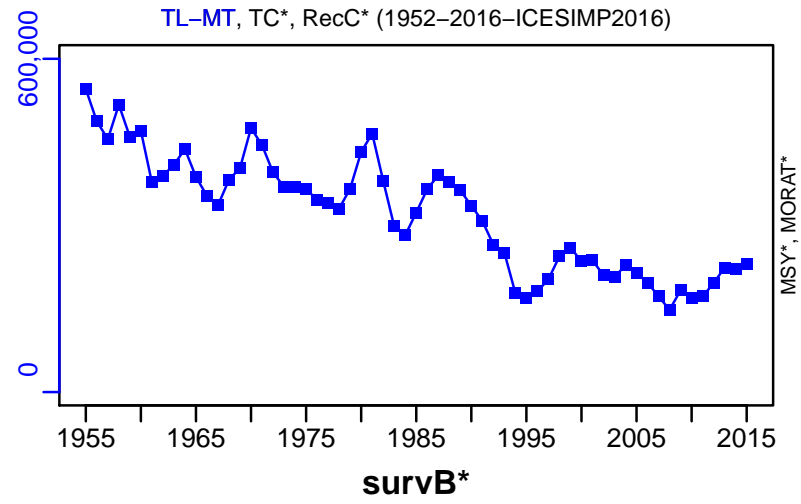
R-E00 (1952–2016–ICESIMP2016)



Atlantic cod Iceland [CODICE]

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

TAC*, Cpair*, Cadv*



EFFORT*



Atlantic cod Northeast Arctic [CODNEAR]

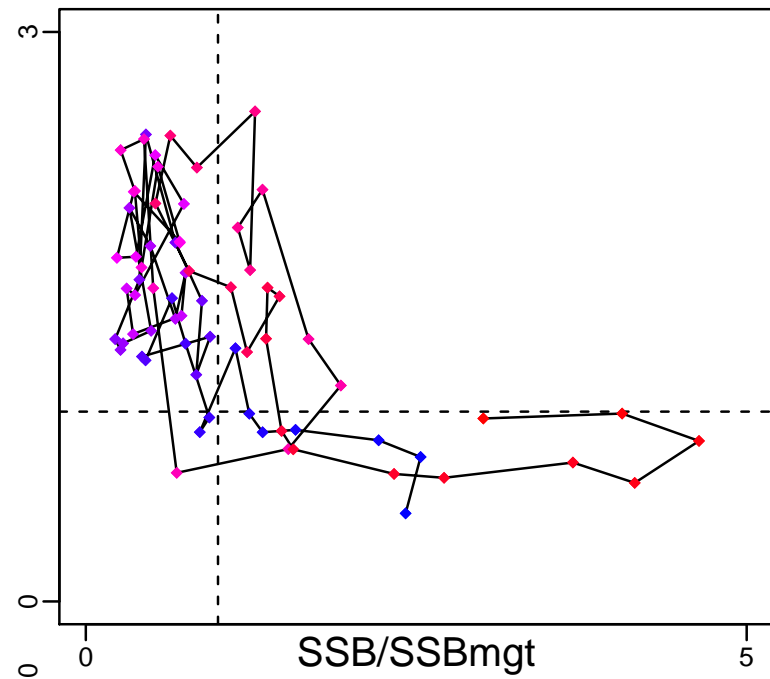
Metadata	
Scientific Name	Gadus morhua
Current Assess ID	AFWG-CODNEAR-1943-2016-ICESIMP2016
Area	North-East Arctic
Management Authority	International Council for the Exploration of the Sea
Assessor	Arctic Fisheries Working Group
Asmts in RAM	2013, 2014, 2015, 2016, 2011

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	-	-	-

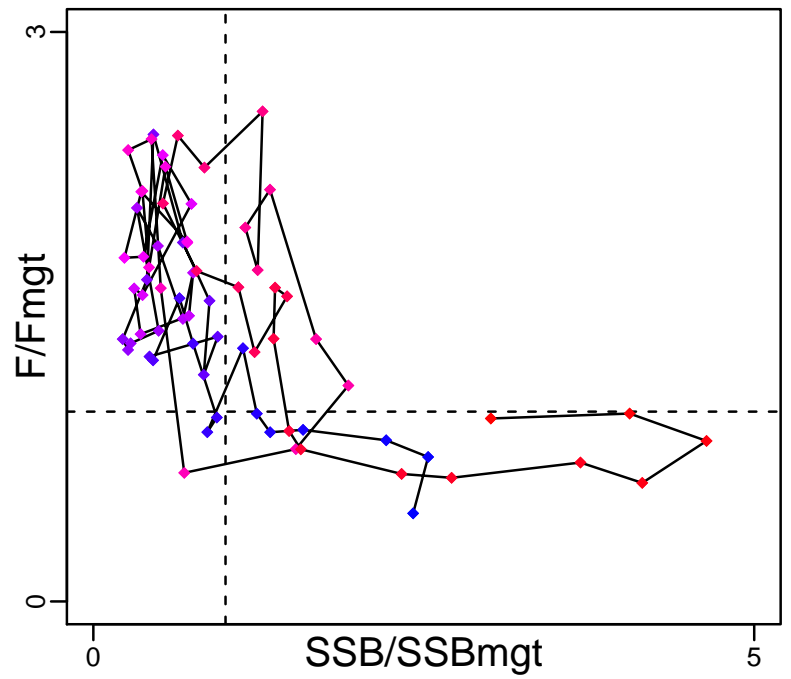
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	TB-MT	2016	3,210,000	-	-
SSB	SSB-MT	2016	1,070,000	-	-
TN	-	-	-	-	-
R	R-E00	2016	7.66×10^8	-	3
F	F-1/yr	2016	0	-	5 to 10
ER	ER-calc-ratio	2016	0	-	-
TC	-	-	-		
TL	TL-MT	2016	864,000		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	F-1/yr/Fmsy-1/yr	2015	1.19		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2016	2.33		
F/Fmgt	F-1/yr/Fmgt-1/yr	2016	0.96		
ER/ERmgt	-	-	-		

Atlantic cod Northeast Arctic [CODNEAR]

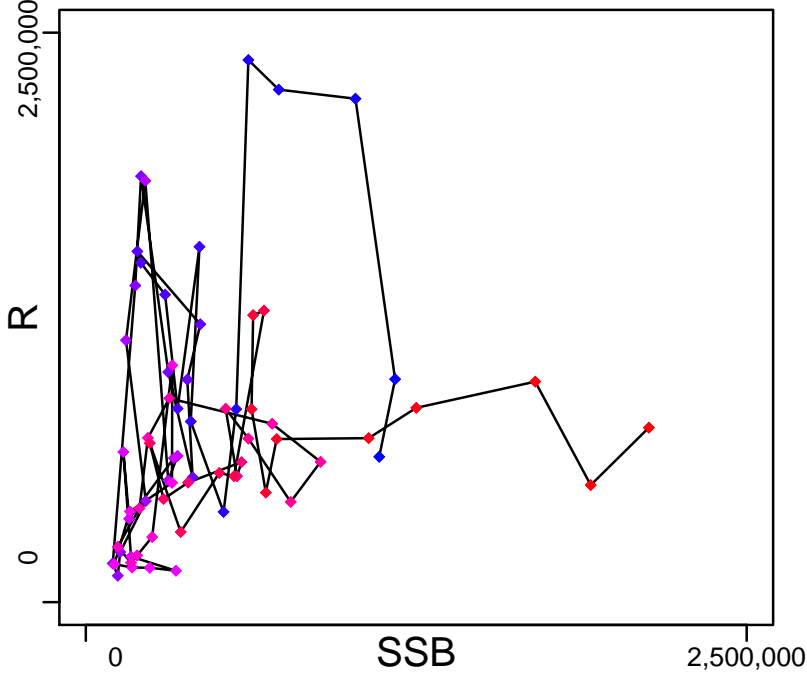
Kobe MSYpref (1943–2016–ICESIMP2016)



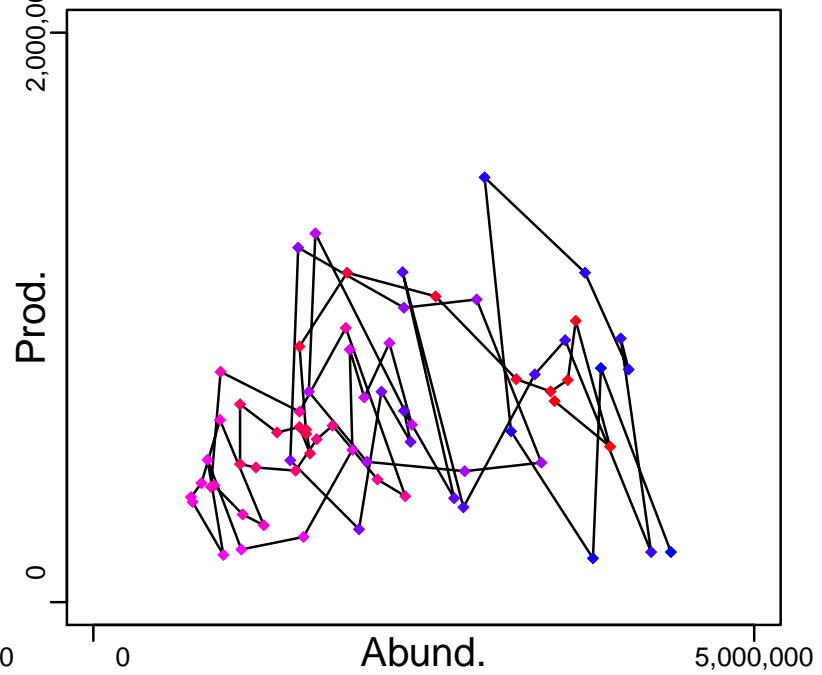
Kobe MGTpref (1943–2016–ICESIMP2016)



Spawner Recruit (1943–2016–ICESIMP2016)

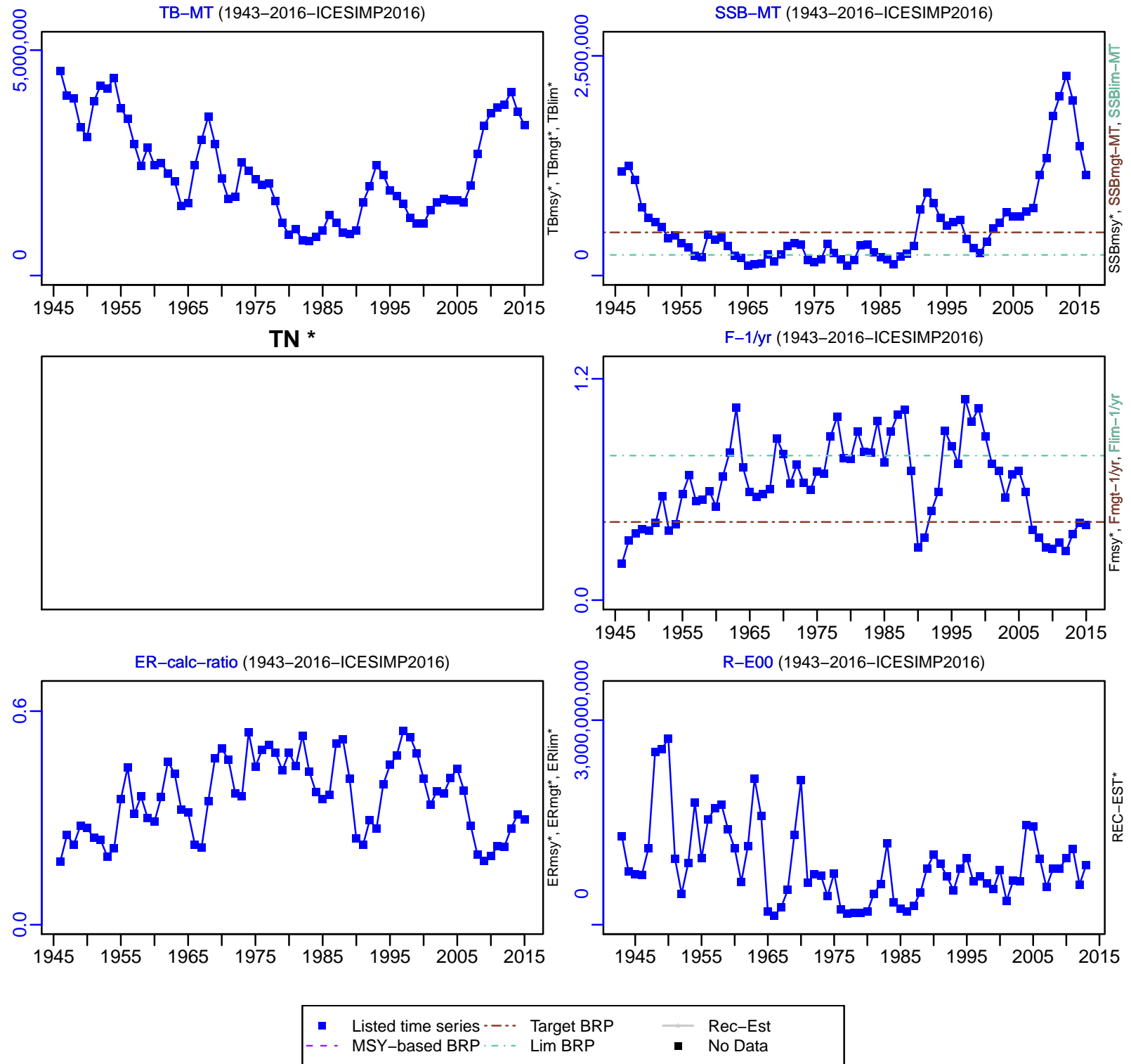


Production (1943–2016–ICESIMP2016)



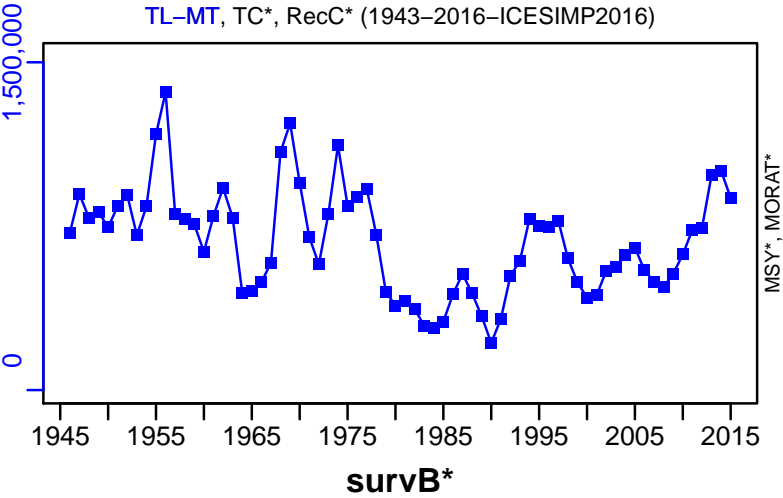
◆ Start Year ◆ End Year * No Data

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]

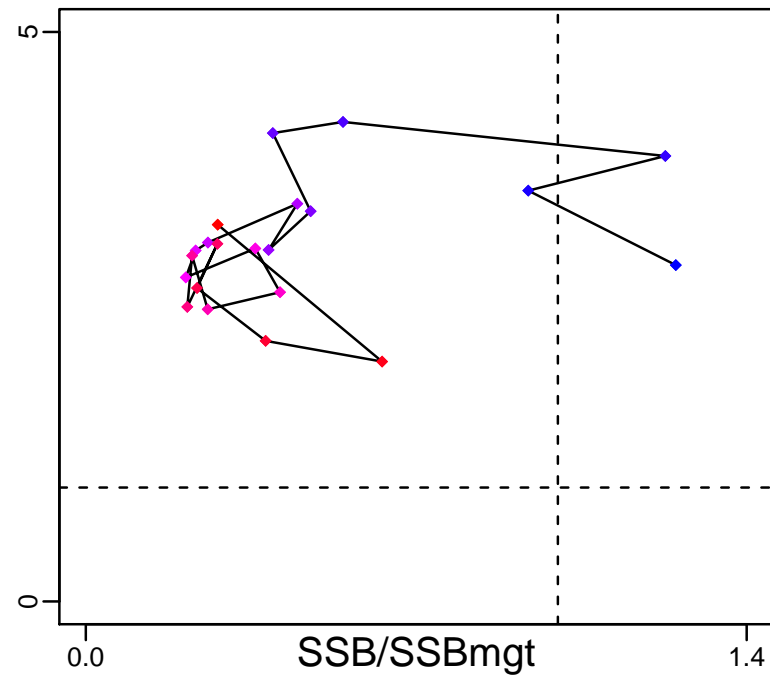
Metadata	
Scientific Name	Gadus morhua
Current Assess ID	AFWG-CODNEARNCW-1982-2016-ICESIMP2016
Area	North-East Arctic (Norwegian coastal waters)
Management Authority	International Council for the Exploration of the Sea
Assessor	Arctic Fisheries Working Group
Asmts in RAM	2016

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	-	-	-

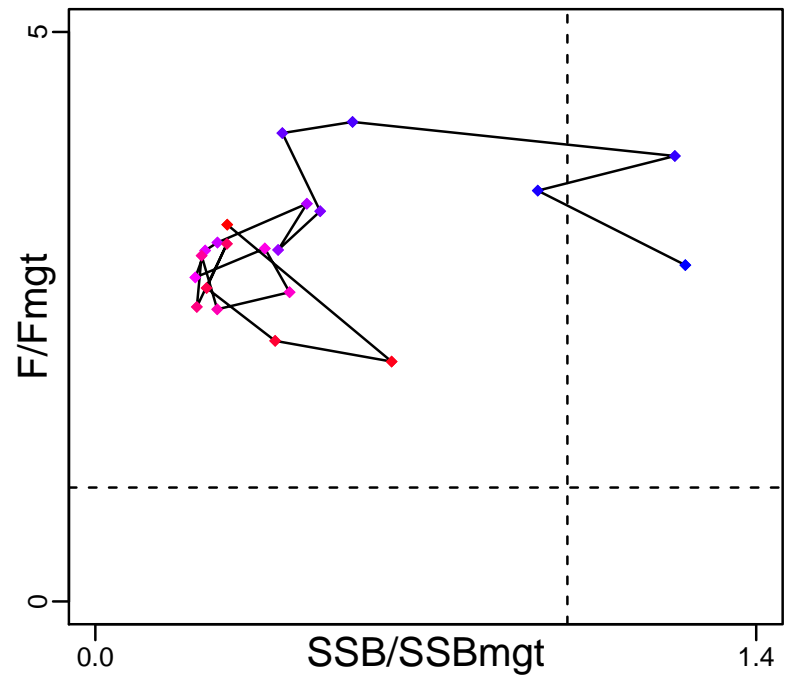
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	-	-	-	-	-
SSB	SSB-MT	2016	16,800	-	-
TN	-	-	-	-	-
R	R-relative	2016	1	-	2
F	F-1/yr	2016	0	-	4 to 7
ER	ER-calc-ratio	2016	1	-	-
TC	TC-MT	2016	39,500		
TL	TL-MT	2016	39,500		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2016	0.28		
F/Fmgt	F-1/yr/Fmgt-1/yr	2016	3.31		
ER/ERmgt	-	-	-		

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

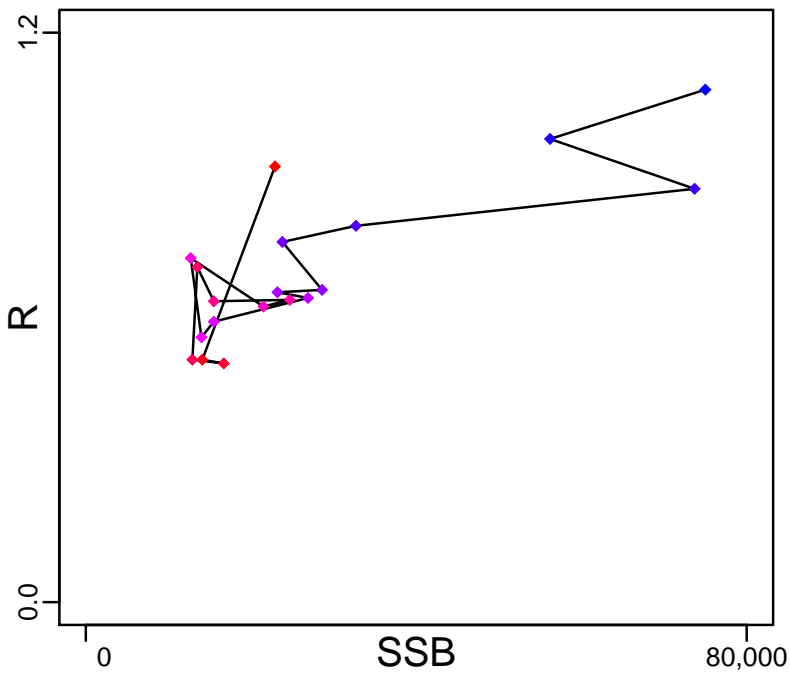
Kobe MSYpref (1982–2016–ICESIMP2016)



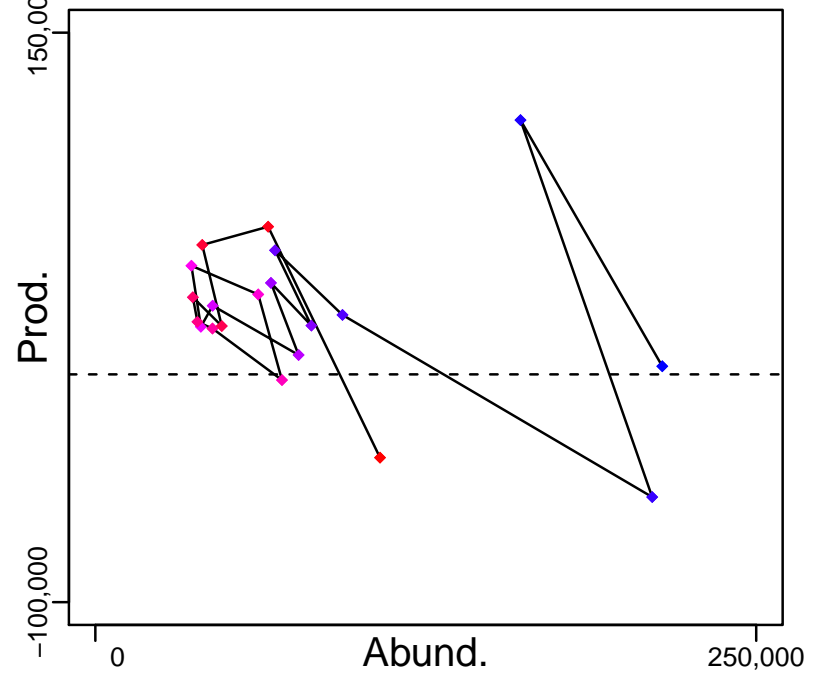
Kobe MGTpref (1982–2016–ICESIMP2016)



Spawner Recruit (1982–2016–ICESIMP2016)



Production (1982–2016–ICESIMP2016)



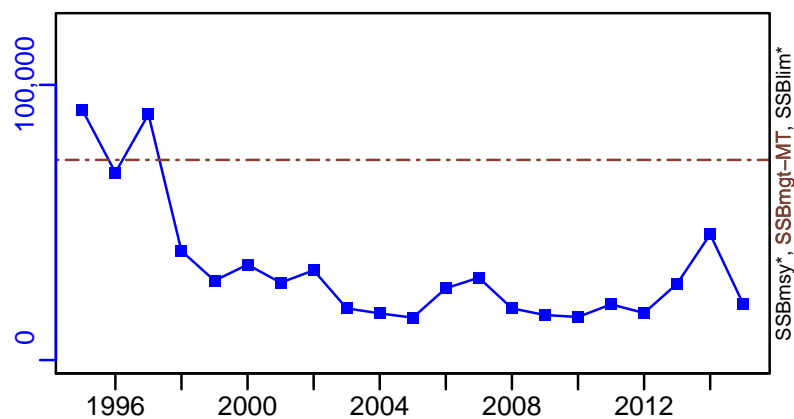
◆ Start Year ◆ End Year * No Data

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

TB*



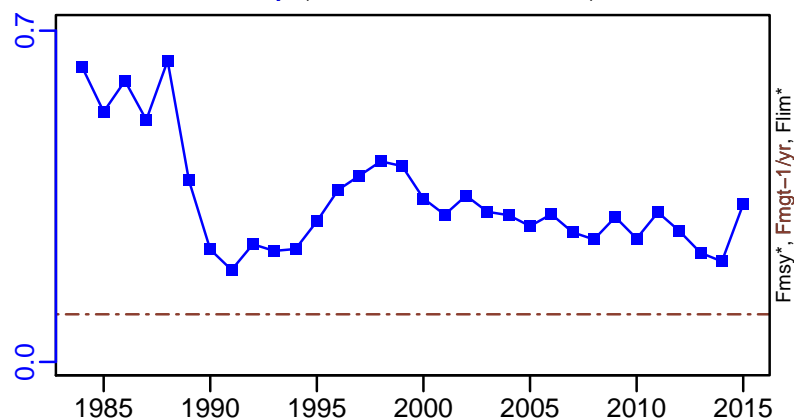
SSB-MT (1982–2016–ICESIMP2016)



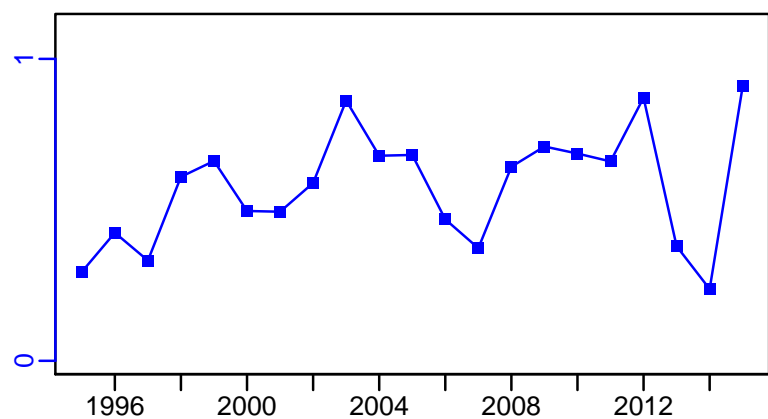
TN *



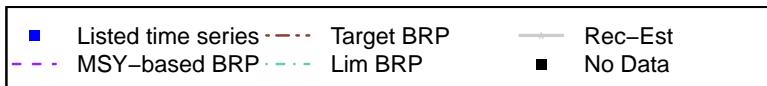
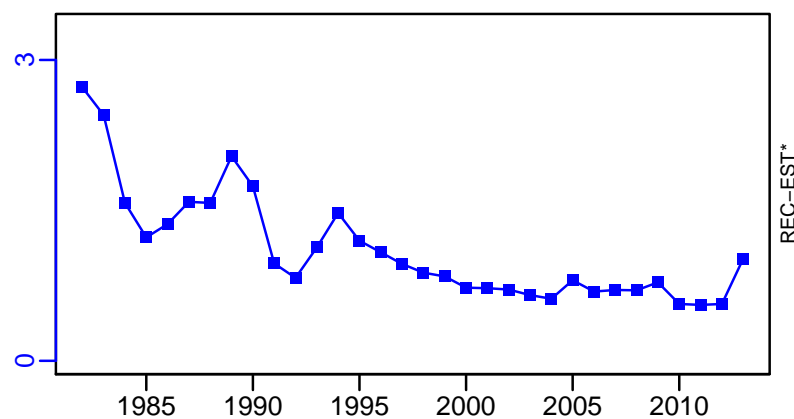
F-1/yr (1982–2016–ICESIMP2016)



ER-calc-ratio (1982–2016–ICESIMP2016)

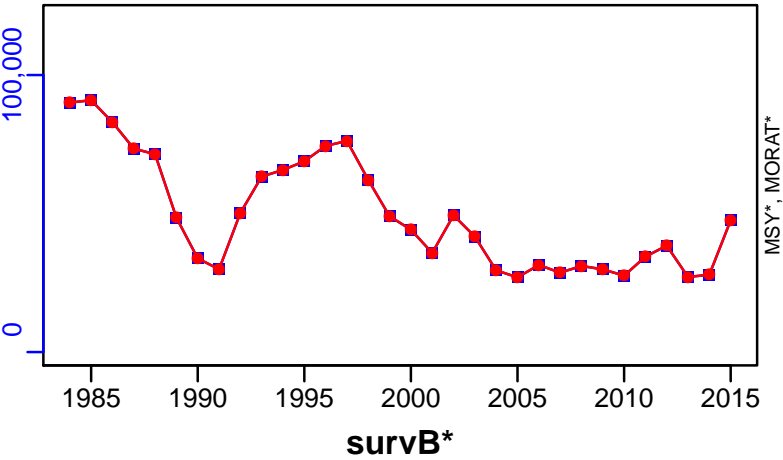


R-relative (1982–2016–ICESIMP2016)



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

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



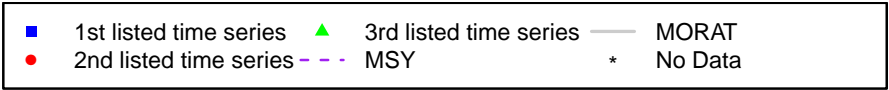
TAC*, Cpair*, Cadv*



CPUE*



EFFORT*



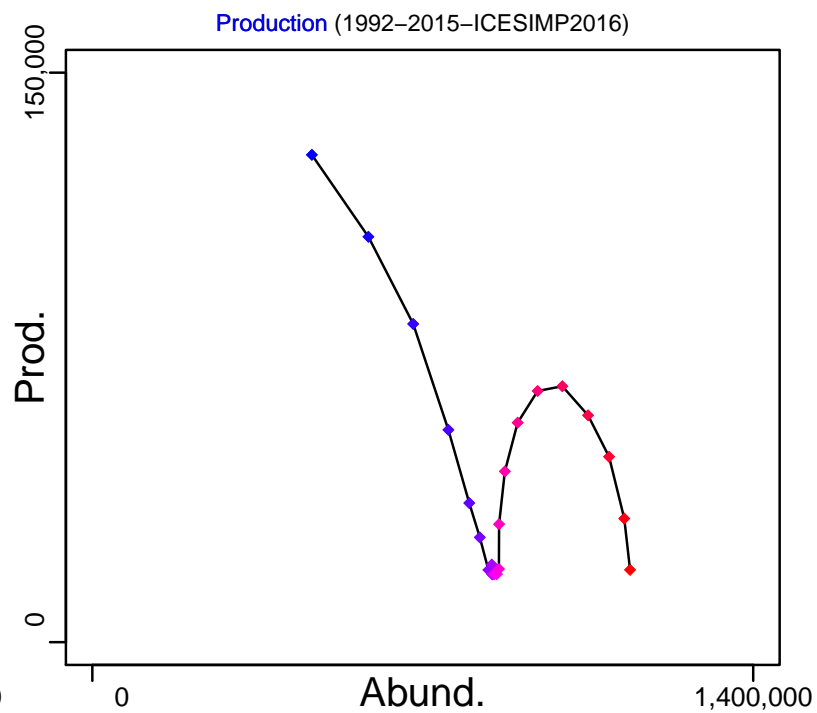
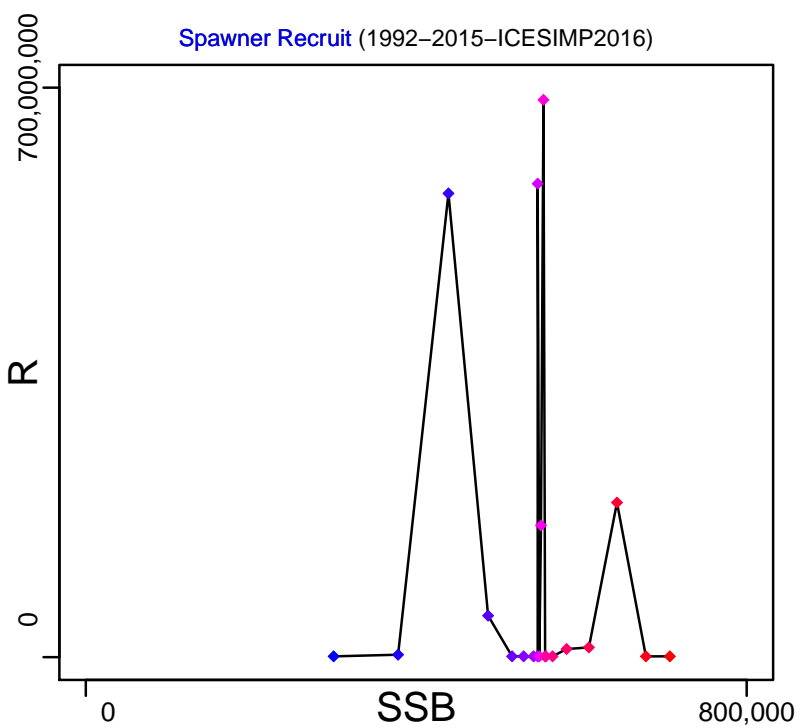
Greenland halibut Northeast Arctic [GHALNEAR]

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	-	-	-

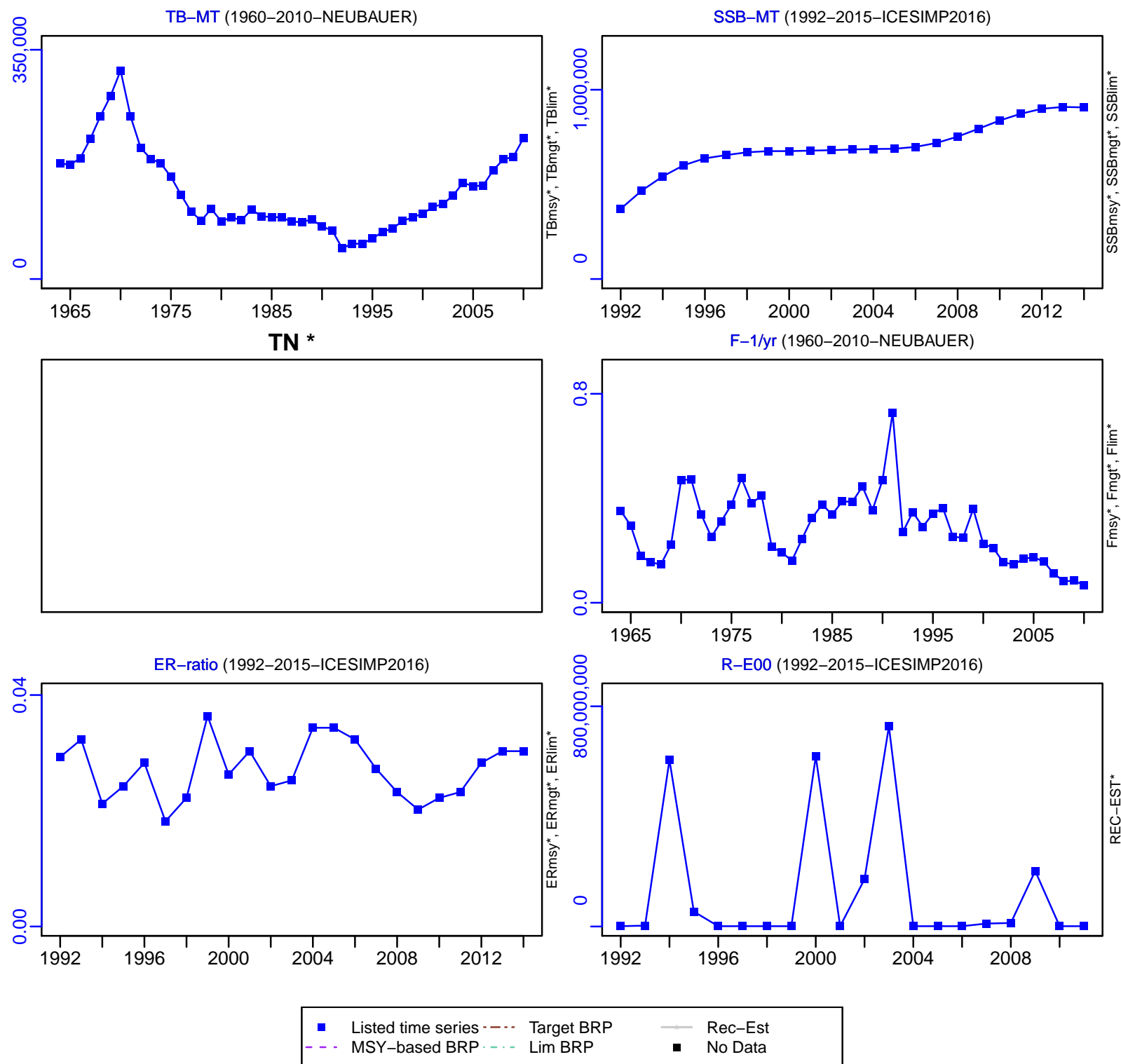
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	TB-MT	2010	211,000	-	5+
SSB	SSB-MT	2015	734,000	-	-
TN	-	-	-	-	-
R	R-E00	2015	1×10^6	-	1
F	F-1/yr	2010	0	-	6 to 10
ER	ER-ratio	2015	0	-	-
TC	TC-MT	2015	22,200		
TL	TL-MT	2010	15,700		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

Kobe MGT*



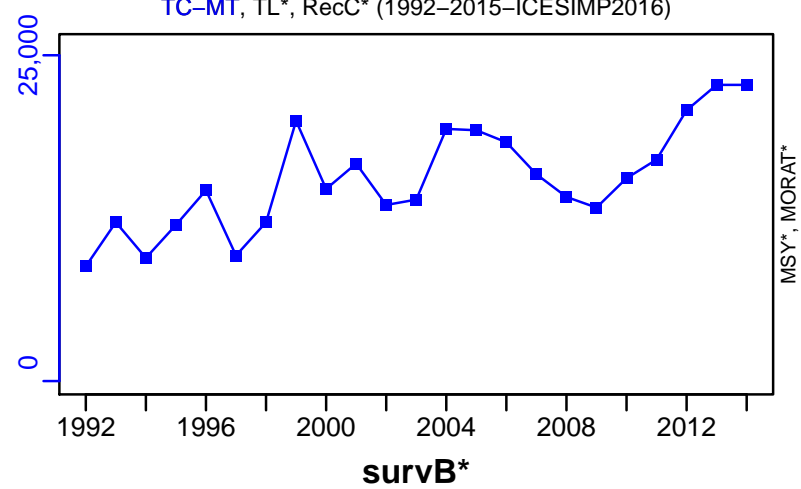
47

Greenland halibut Northeast Arctic [GHALNEAR]



Greenland halibut Northeast Arctic [GHALNEAR]

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



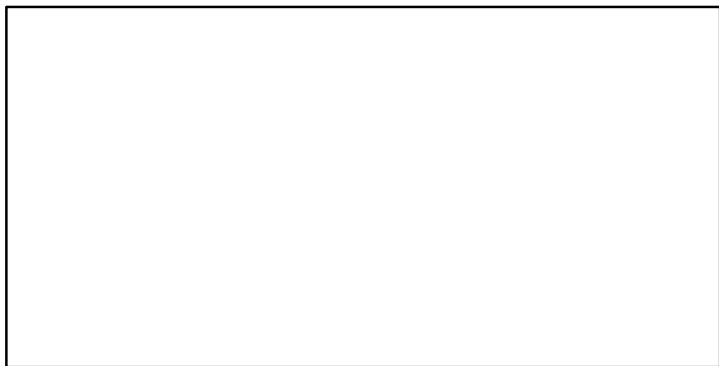
TAC*, Cpair*, Cadv*



CPUE*



EFFORT*



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

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	-	4+
SSB	SSB-relative	2016	0	-	-
TN	-	-	-	-	-
R	R-relative	2016	0	-	3
F	F-relative	2016	1	-	12 to 19
ER	ER-ratio	2010	0	-	-
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]

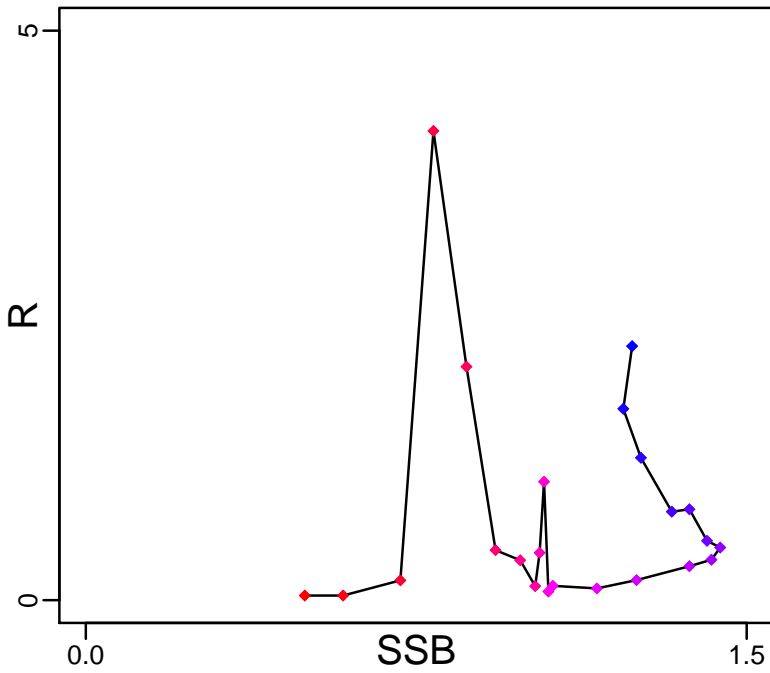
Kobe MSY*



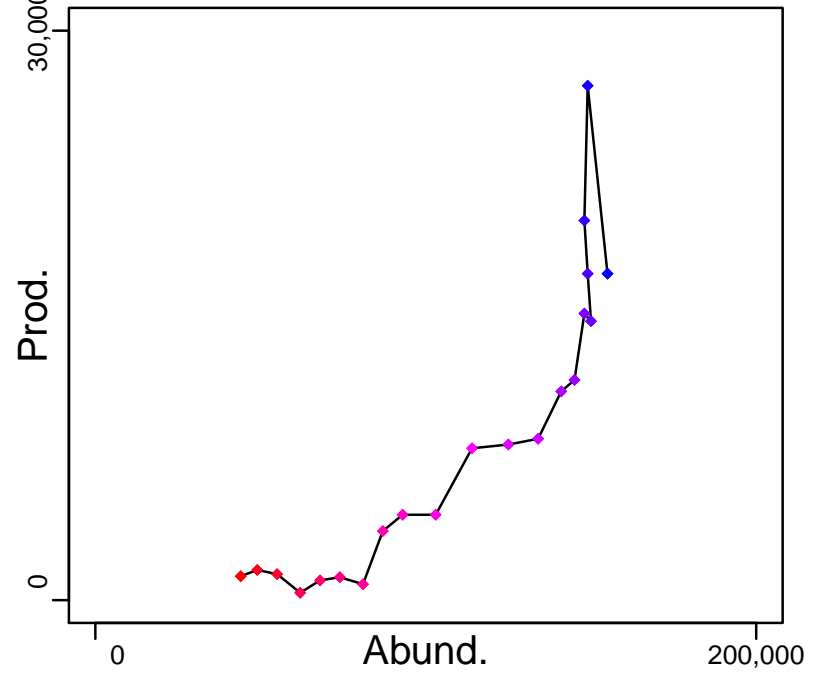
Kobe MGT*



Spawner Recruit (1908–2016–ICESIMP2016)



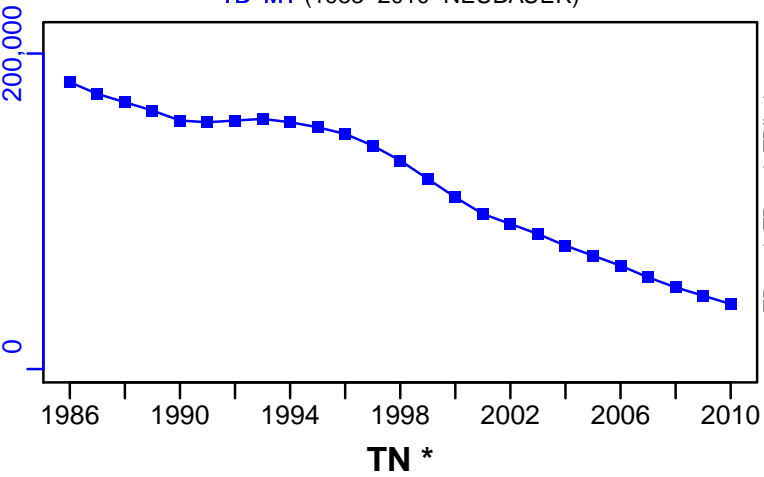
Production (1983–2010–NEUBAUER)



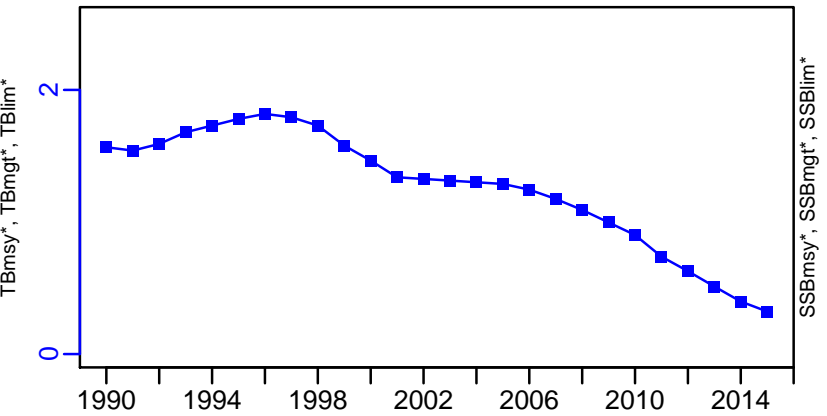
◆ Start Year ◆ End Year * No Data

Golden Redfish Northeast Arctic [GOLDREDNEAR]

TB-MT (1983–2010–NEUBAUER)



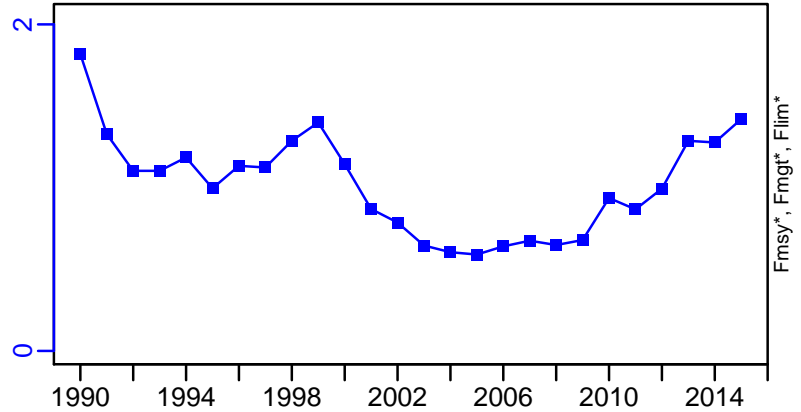
SSB-relative (1908–2016–ICESIMP2016)



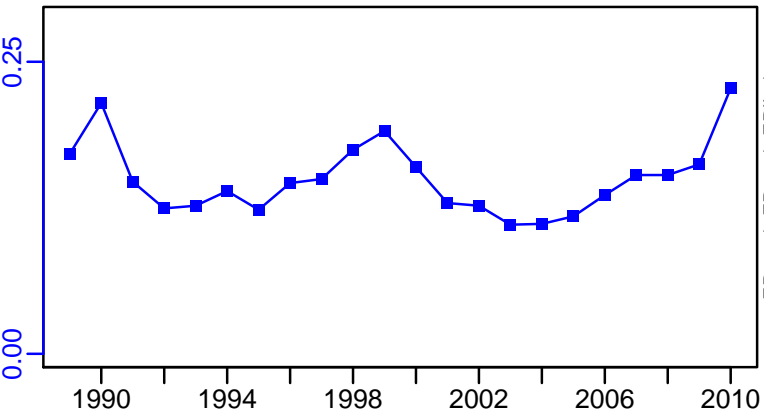
TN *



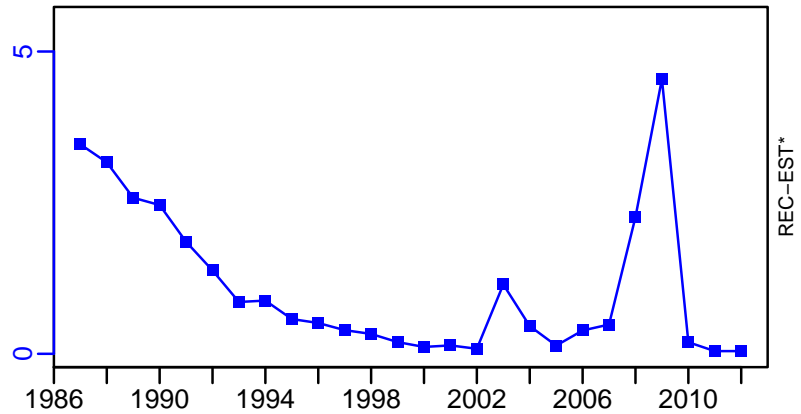
F-relative (1908–2016–ICESIMP2016)



ER-ratio (1983–2010–NEUBAUER)



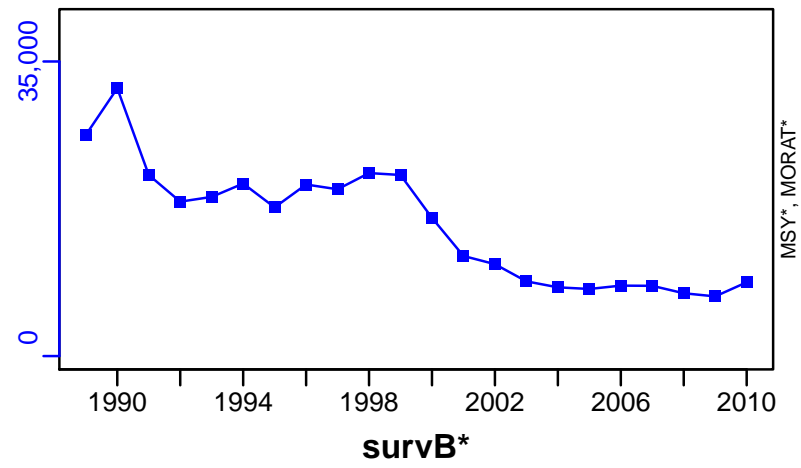
R-relative (1908–2016–ICESIMP2016)



Golden Redfish Northeast Arctic [GOLDREDNEAR]

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

TAC*, Cpair*, Cadv*



EFFORT*



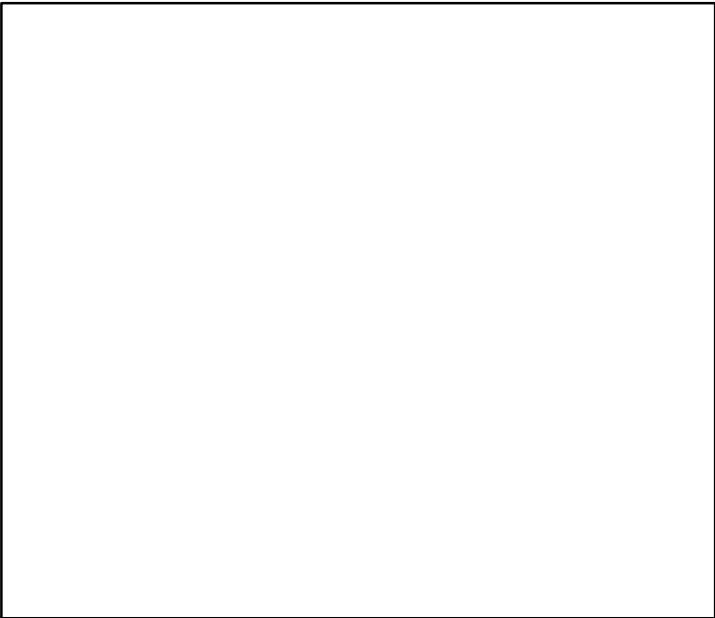
Greater silver smelt Va and XIV [GSSMELTVa-XIV]

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

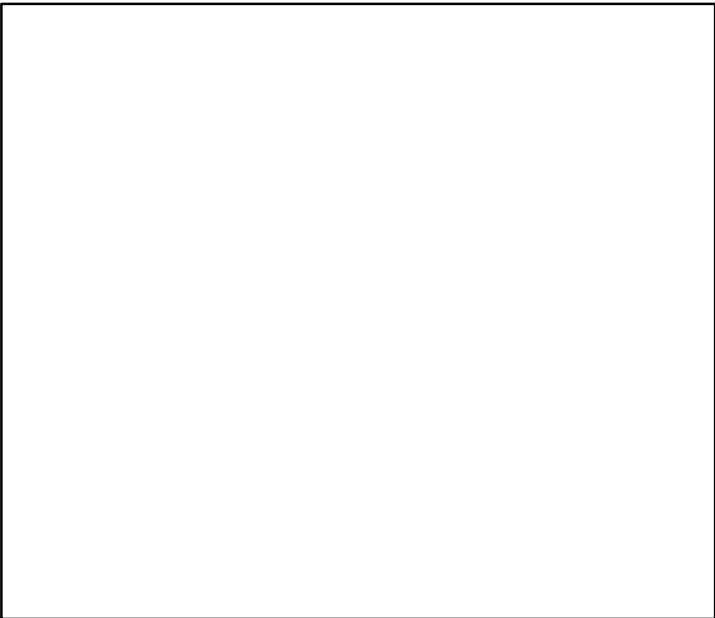
Kobe MSY*



Kobe MGT*



Spawner Recruit*



Production*



◆ Start Year ◆ End Year * No Data

Greater silver smelt Va and XIV [GSSMELTVa–XIV]

TB*



SSB*



TN *



F*



ER*



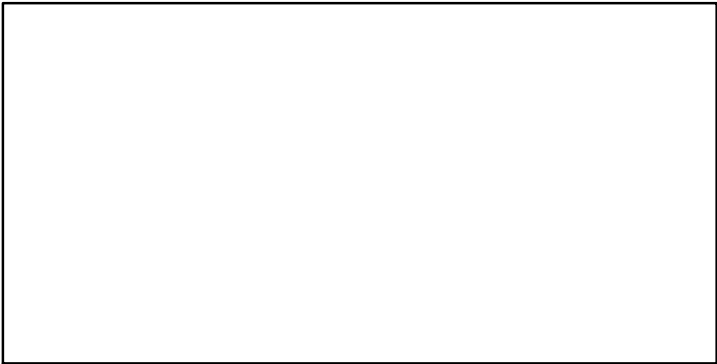
Recruits*



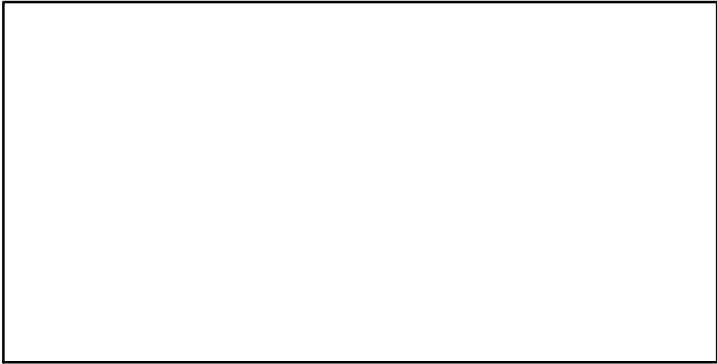
TC*, TL*, RecC*



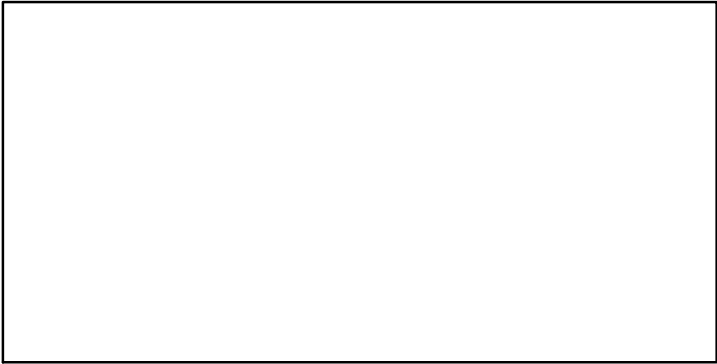
TAC*, Cpair*, Cadv*



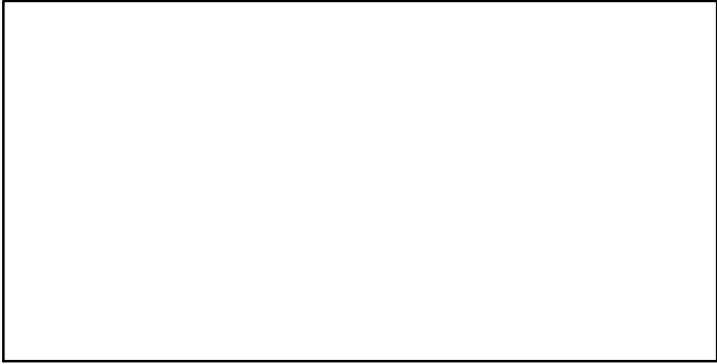
survB*



CPUE*



EFFORT*



■ 1st listed time series

● 2nd listed time series

▲ 3rd listed time series

- - MSY

— MORAT

* No Data

Haddock Faroe Plateau [HADFAPL]

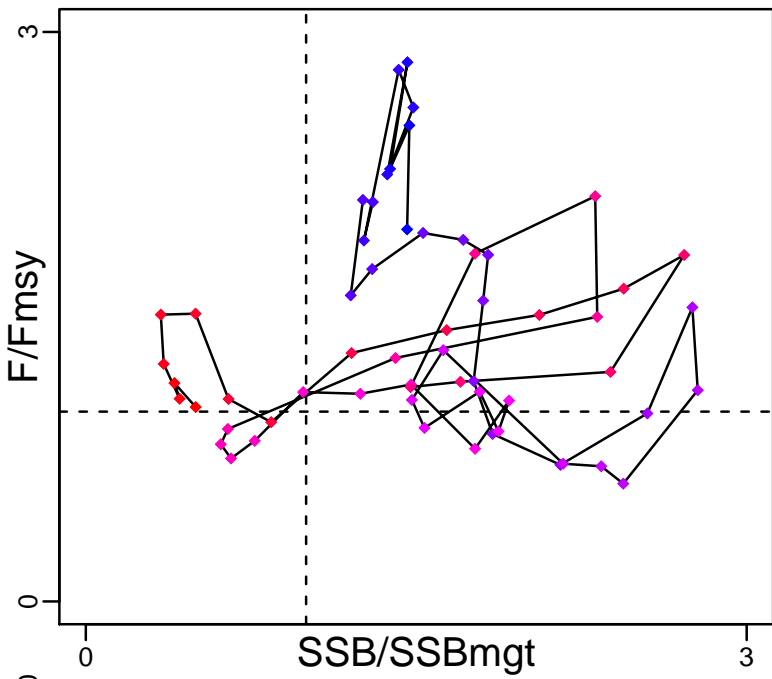
Metadata	
Scientific Name	Melanogrammus aeglefinus
Current Assess ID	NWWG-HADFAPL-1955-2016-ICESIMP2016
Area	Faroe Plateau
Management Authority	International Council for the Exploration of the Sea
Assessor	North-Western Working Group
Asmts in RAM	2012, 2013, 2014, 2015, 2016

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	-	-	-

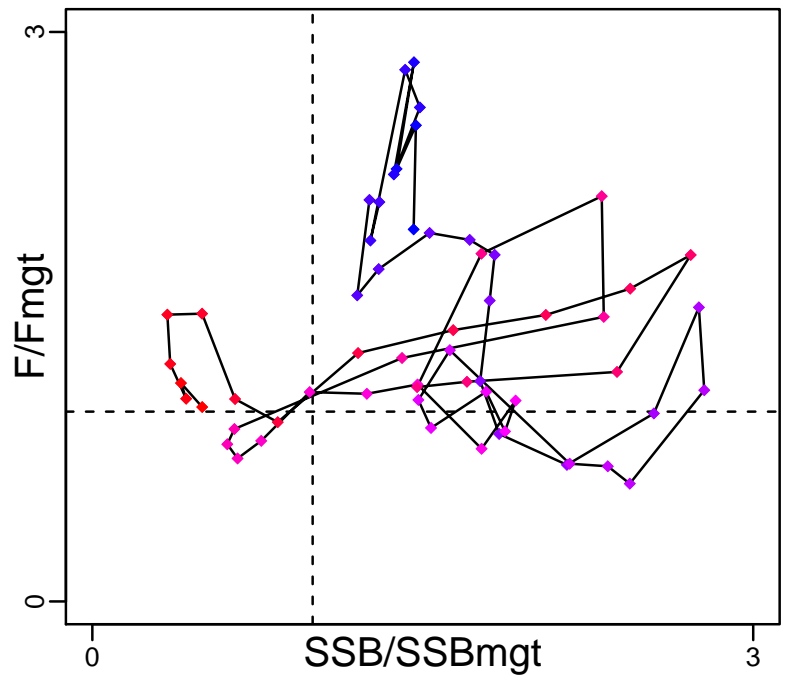
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	TB-MT	2016	26,000	-	-
SSB	SSB-MT	2016	20,100	-	-
TN	-	-	-	-	-
R	R-E00	2016	6,830,000	-	2
F	F-1/yr	2016	0	-	3 to 7
ER	ER-calc-ratio	2016	0	-	-
TC	TC-MT	2016	3400		
TL	TL-MT	2016	3400		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	F-1/yr/Fmsy-1/yr	2016	1.02		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2016	0.57		
F/Fmgt	F-1/yr/Fmgt-1/yr	2016	1.02		
ER/ERmgt	-	-	-		

Haddock Faroe Plateau [HADFAPL]

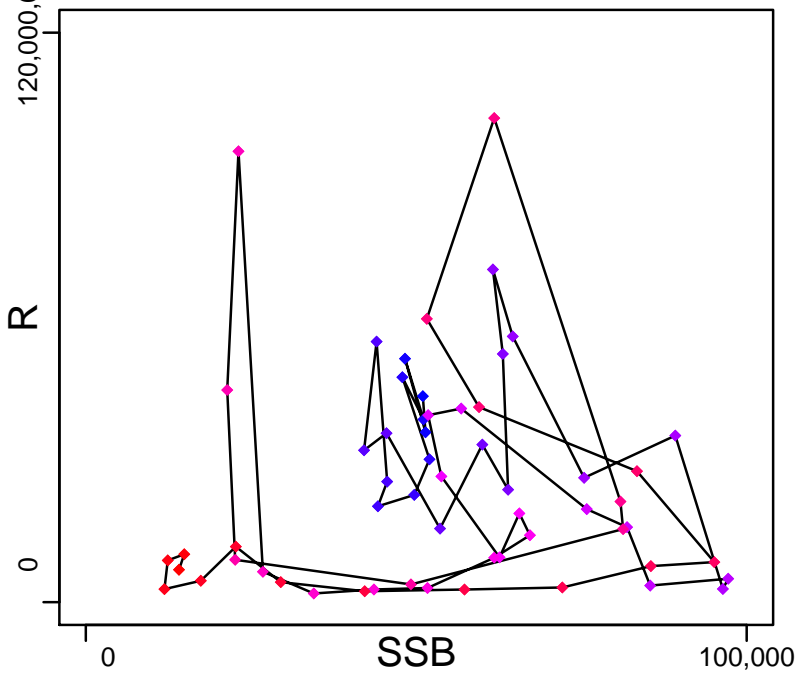
Kobe MSYpref (1955–2016–ICESIMP2016)



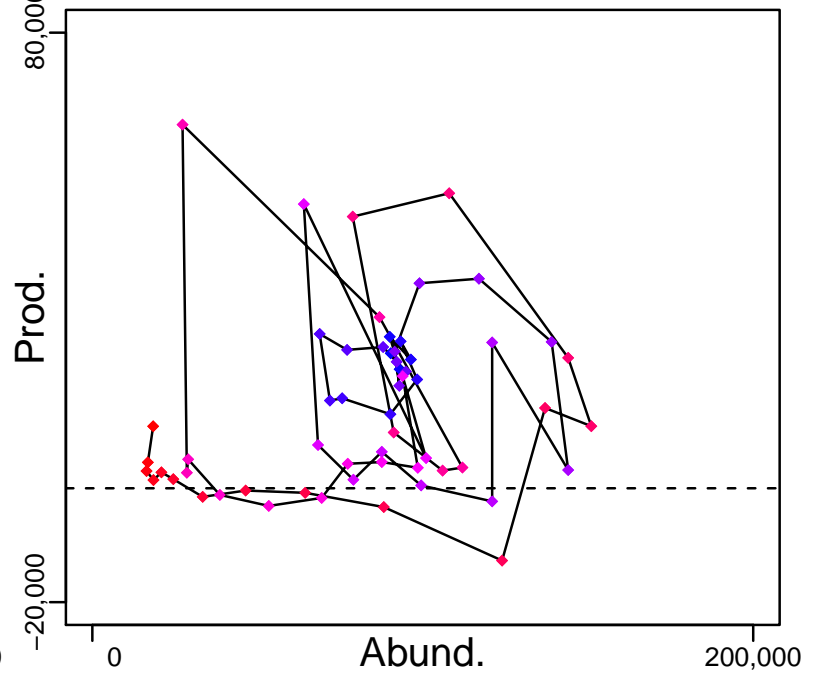
Kobe MGTpref (1955–2016–ICESIMP2016)



Spawner Recruit (1955–2016–ICESIMP2016)



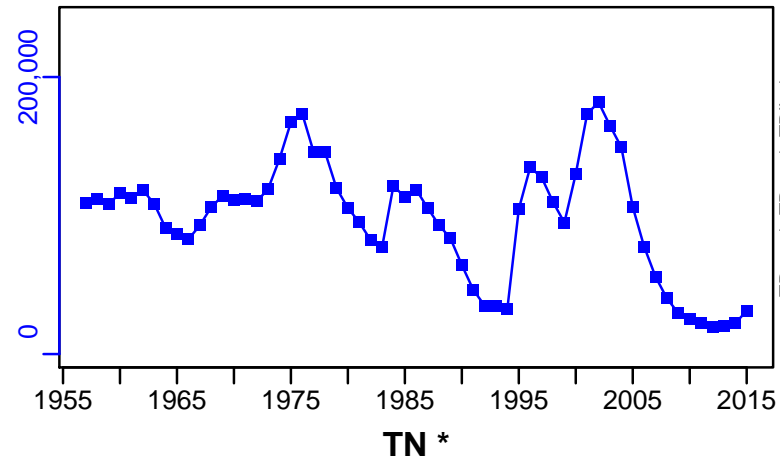
Production (1955–2016–ICESIMP2016)



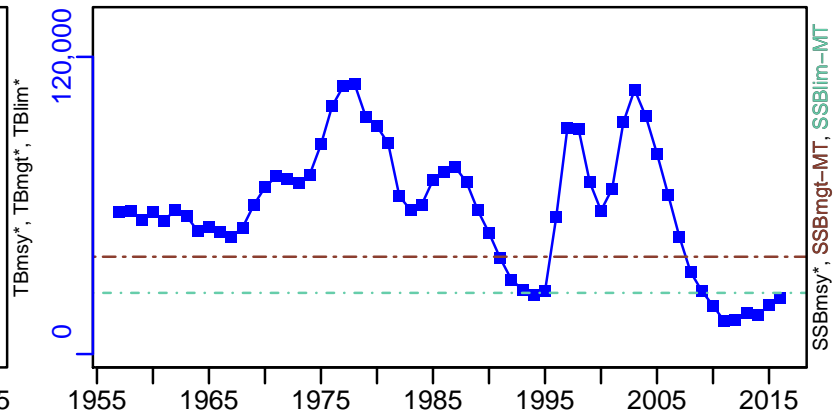
◆ Start Year ◆ End Year * No Data

Haddock Faroe Plateau [HADFAPL]

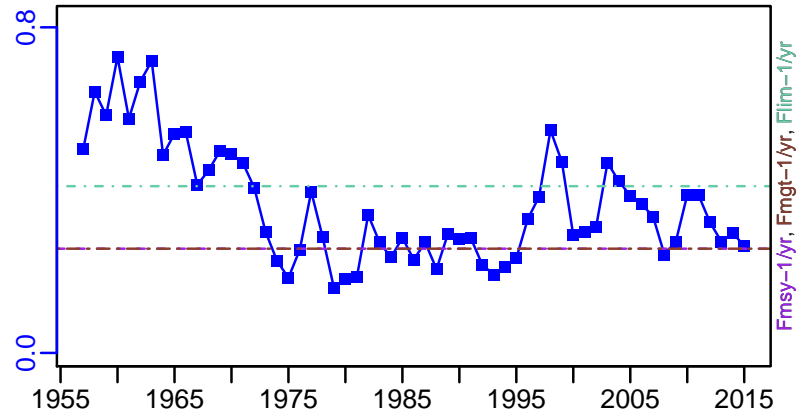
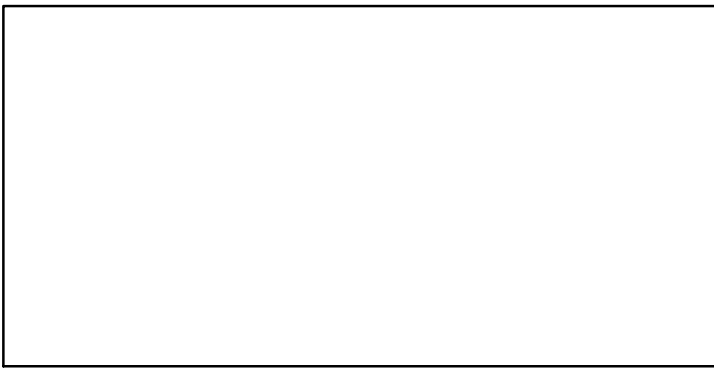
TB-MT (1955–2016–ICESIMP2016)



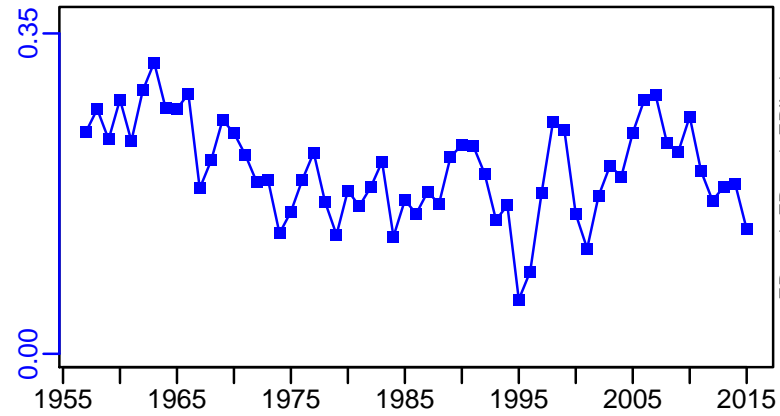
SSB-MT (1955–2016–ICESIMP2016)



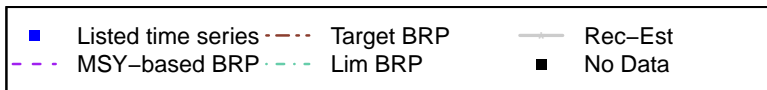
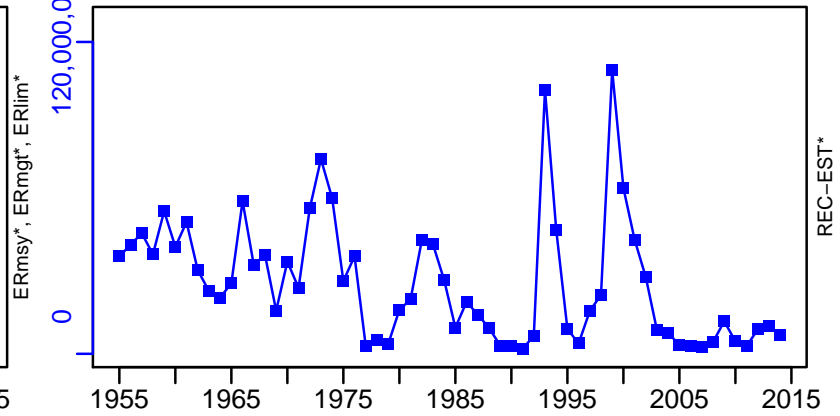
F-1/yr (1955–2016–ICESIMP2016)



ER-calc-ratio (1955–2016–ICESIMP2016)

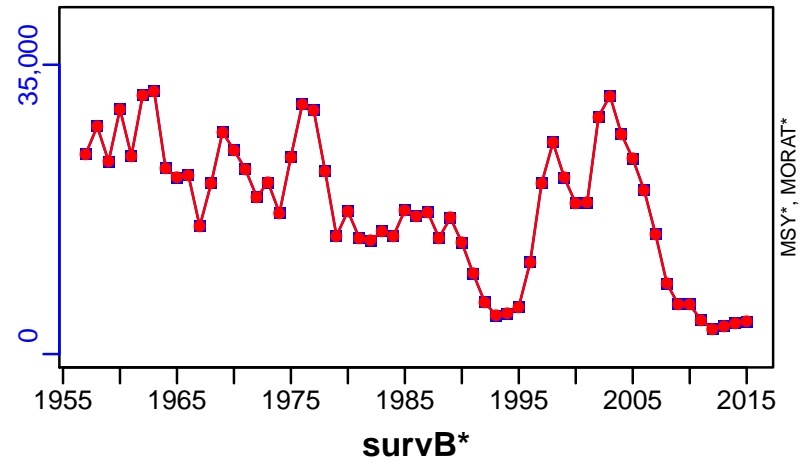


R-E00 (1955–2016–ICESIMP2016)



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]

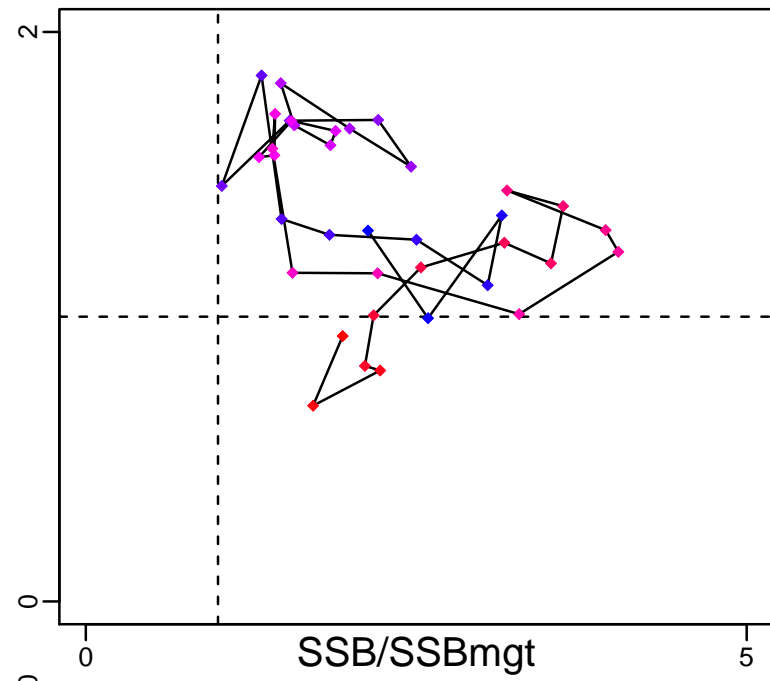
Metadata	
Scientific Name	Melanogrammus aeglefinus
Current Assess ID	NWWG-HADICE-1977-2016-ICESIMP2016
Area	Iceland Grounds
Management Authority	International Council for the Exploration of the Sea
Assessor	North-Western Working Group
Asmts in RAM	2012, 2013, 2014, 2015, 2016

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	-	-	-

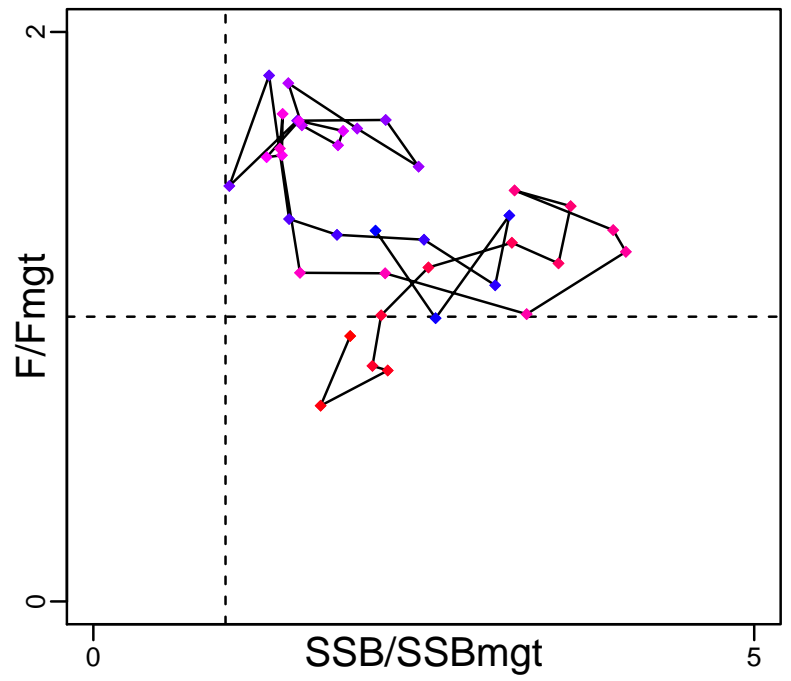
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	TB-MT	2013	120,000	-	-
SSB	SSB-MT	2016	76,700	-	-
TN	-	-	-	-	-
R	R-E00	2016	1.2×10^8	-	2
F	F-1/yr	2016	0	-	4 to 7
ER	ER-calc-ratio	2016	0	-	-
TC	TC-MT	2014	44,100		
TL	TL-MT	2016	39,600		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2016	1.7		
F/Fmgt	F-1/yr/Fmgt-1/yr	2016	0.93		
ER/ERmgt	-	-	-		

Haddock Iceland [HADICE]

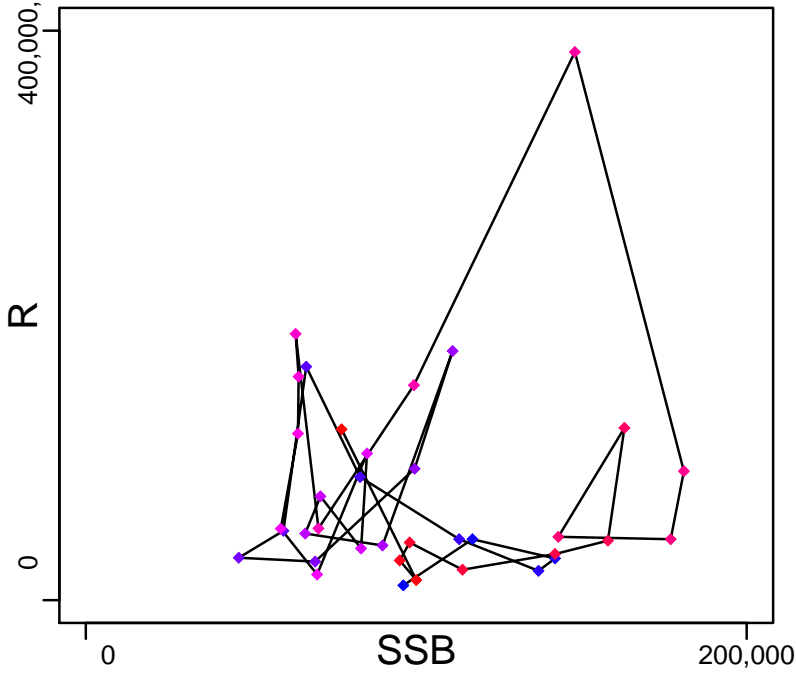
Kobe MSYpref (1977–2016–ICESIMP2016)



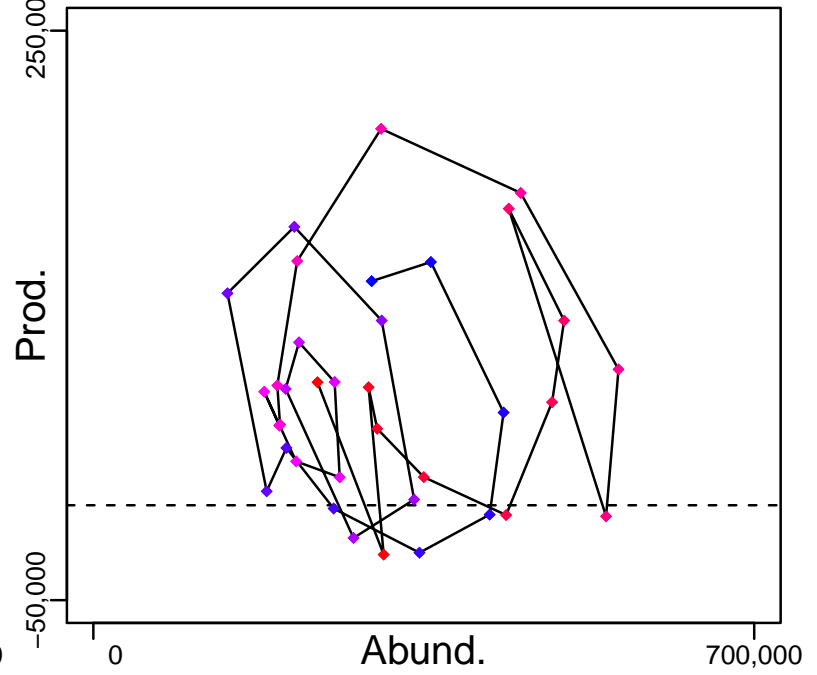
Kobe MGTpref (1977–2016–ICESIMP2016)



Spawner Recruit (1977–2016–ICESIMP2016)

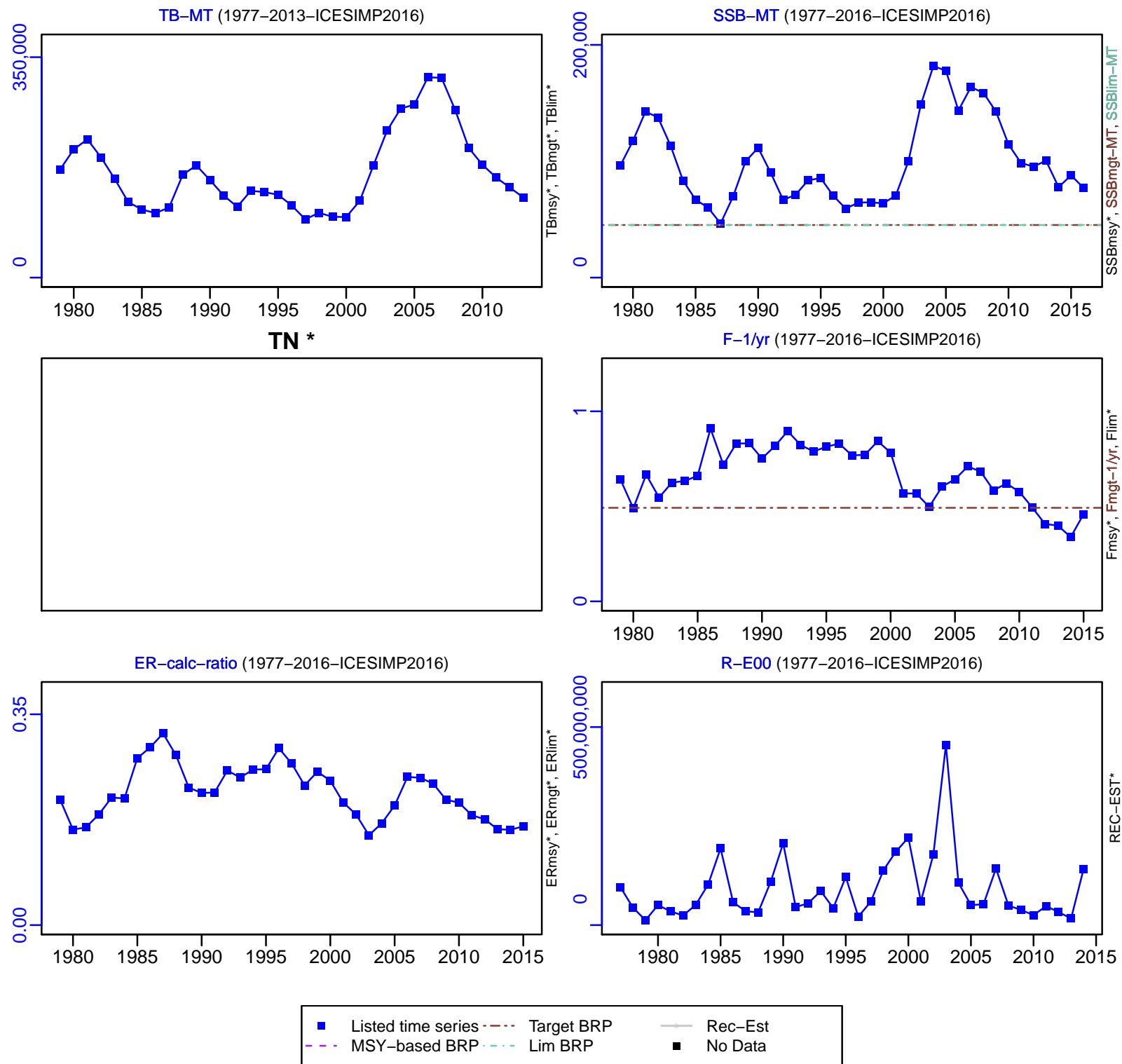


Production (1977–2016–ICESIMP2016)



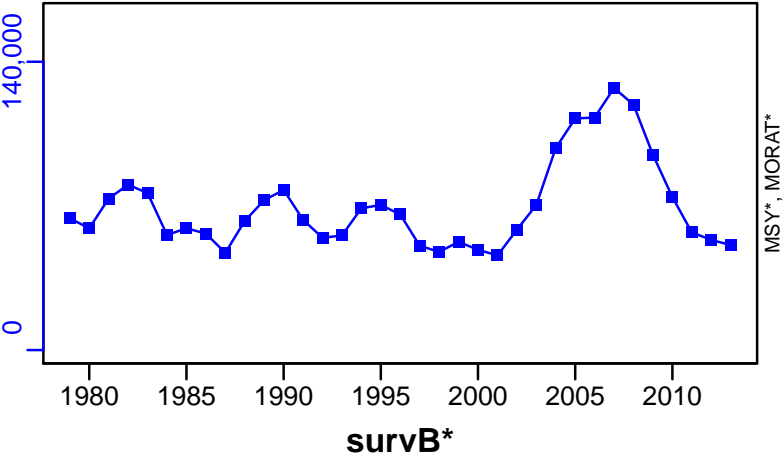
◆ Start Year ◆ End Year * No Data

Haddock Iceland [HADICE]



Haddock Iceland [HADICE]

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



TAC*, Cpair*, Cadv*



CPUE*



EFFORT*



Haddock Northeast Arctic [HADNEAR]

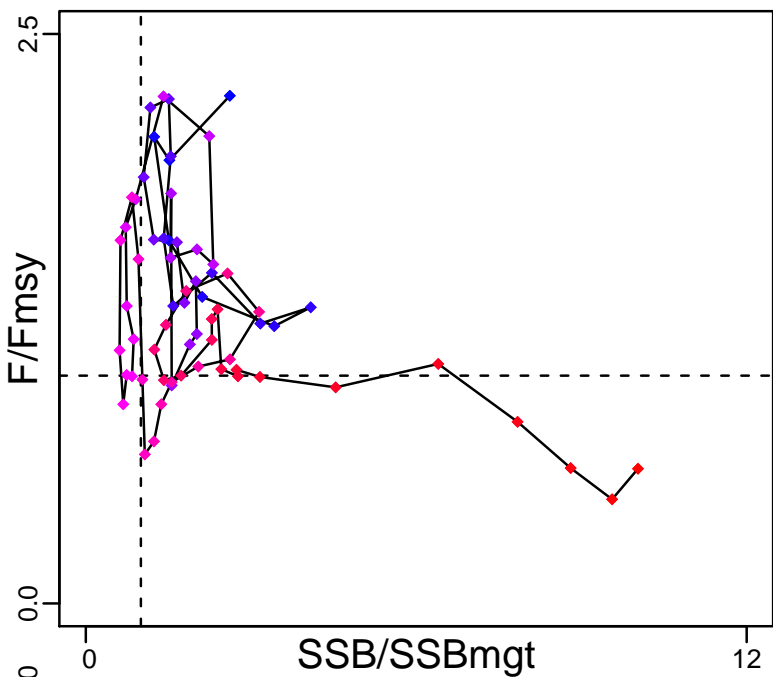
Metadata	
Scientific Name	Melanogrammus aeglefinus
Current Assess ID	AFWG-HADNEAR-1947-2016-ICESIMP2016
Area	North-East Arctic
Management Authority	International Council for the Exploration of the Sea
Assessor	Arctic Fisheries Working Group
Asmts in RAM	2012, 2013, 2014, 2015, 2016

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	-	-	-

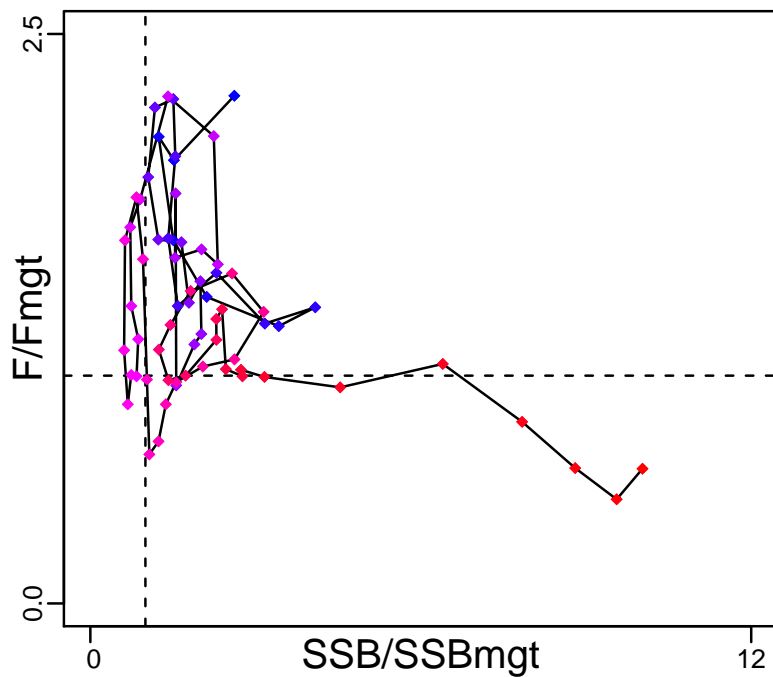
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	TB-MT	2016	1,110,000	-	-
SSB	SSB-MT	2016	753,000	-	-
TN	-	-	-	-	-
R	R-E00	2016	2.35×10^8	-	3
F	F-1/yr	2016	0	-	4 to 7
ER	ER-calc-ratio	2016	0	-	-
TC	TC-MT	2016	195,000		
TL	TL-MT	2016	195,000		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	F-1/yr/Fmsy-1/yr	2016	0.59		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2016	9.42		
F/Fmgt	F-1/yr/Fmgt-1/yr	2016	0.59		
ER/ERmgt	-	-	-		

Haddock Northeast Arctic [HADNEAR]

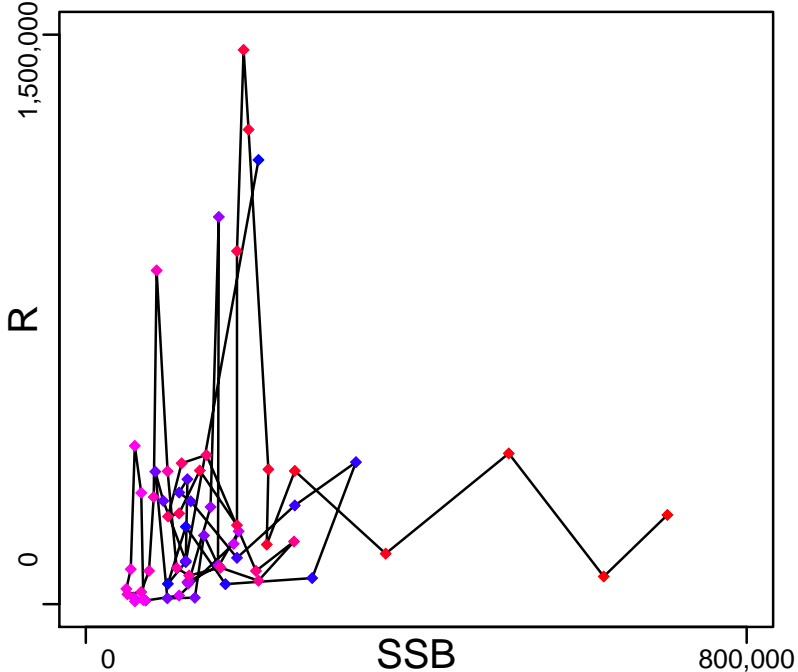
Kobe MSYpref (1947–2016–ICESIMP2016)



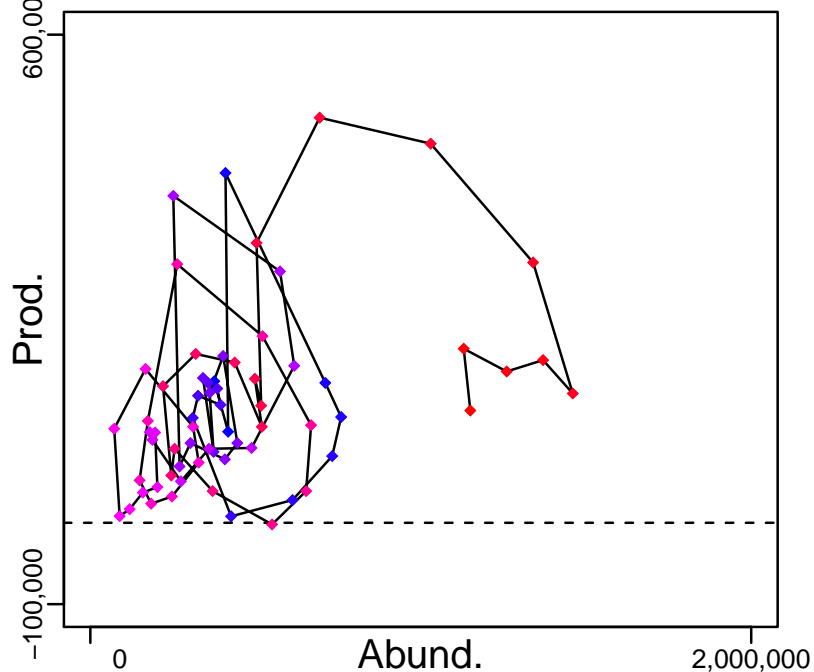
Kobe MGTpref (1947–2016–ICESIMP2016)



Spawner Recruit (1947–2016–ICESIMP2016)



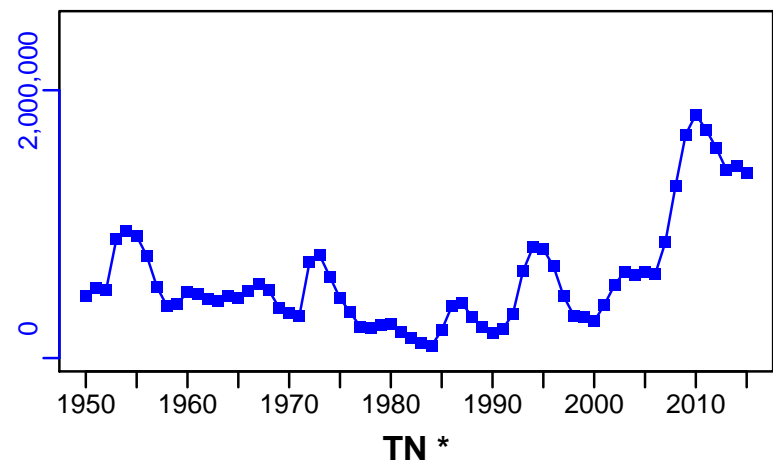
Production (1947–2016–ICESIMP2016)



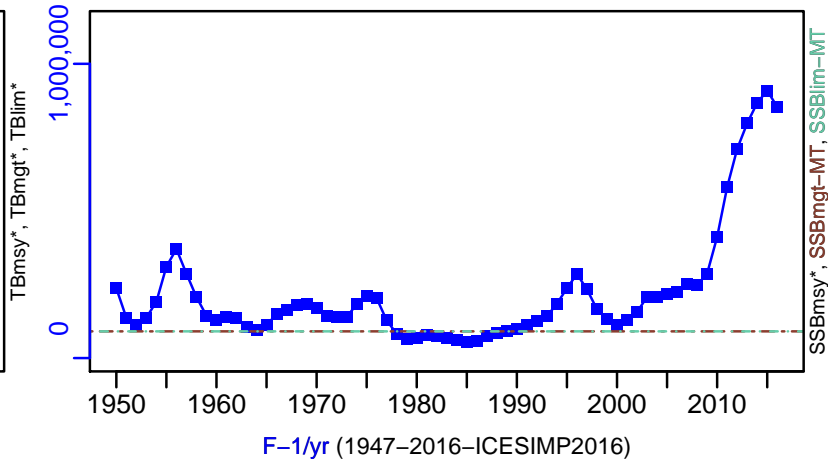
◆ Start Year ◆ End Year * No Data

Haddock Northeast Arctic [HADNEAR]

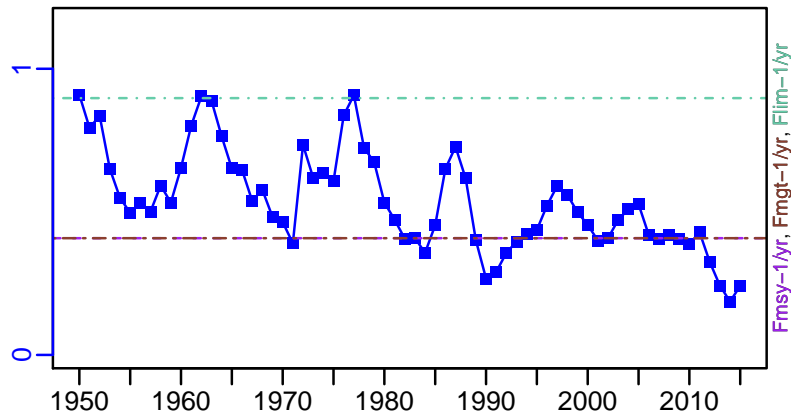
TB-MT (1947–2016–ICESIMP2016)



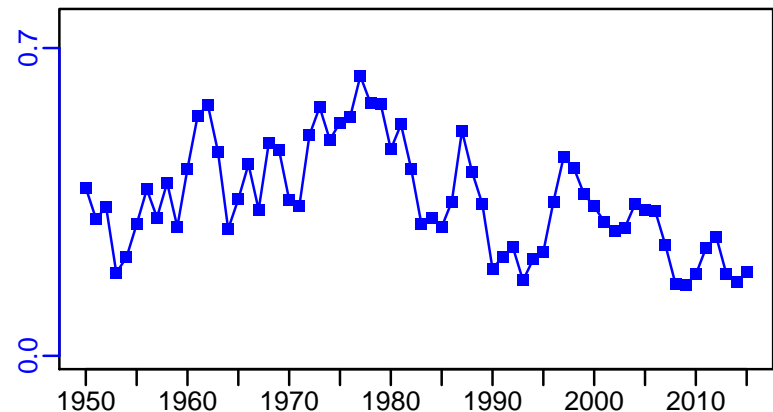
SSB-MT (1947–2016–ICESIMP2016)



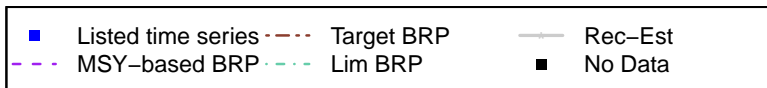
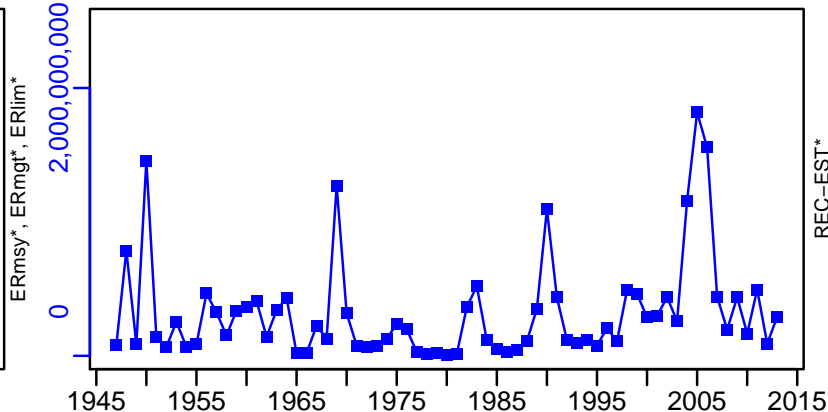
F-1/yr (1947–2016–ICESIMP2016)



ER-calc-ratio (1947–2016–ICESIMP2016)

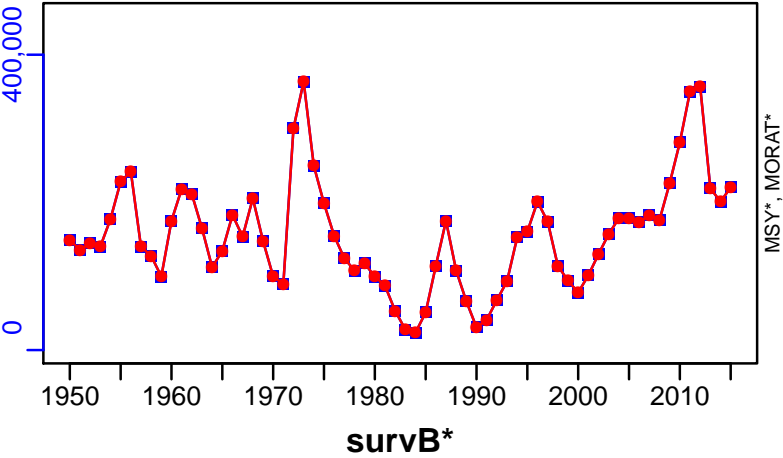


R-E00 (1947–2016–ICESIMP2016)



Haddock Northeast Arctic [HADNEAR]

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



TAC*, Cpair*, Cadv*



CPUE*



EFFORT*



Herring Iceland (Summer spawners) [HERRIsum]

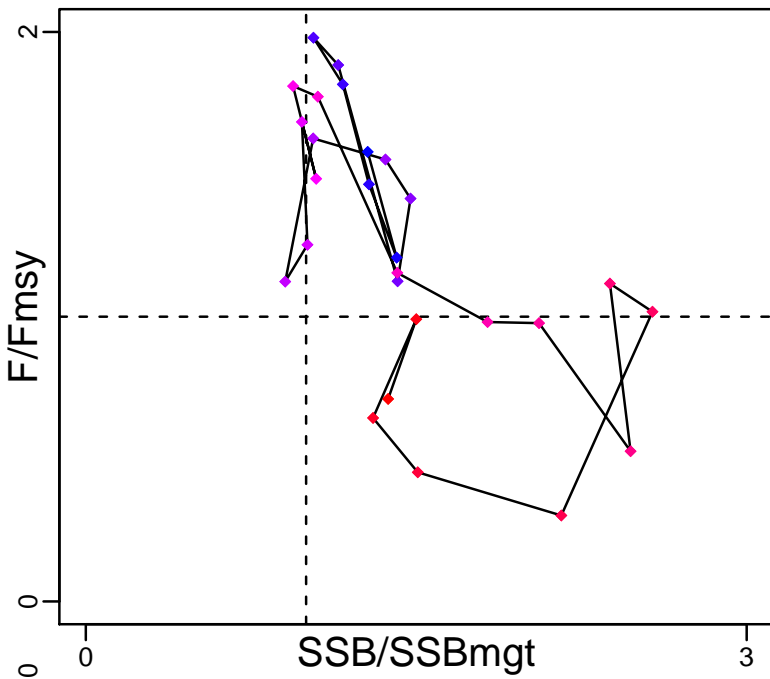
Metadata	
Scientific Name	Clupea harengus
Current Assess ID	NWWG-HERRIsum-1987-2015-ICESIMP2016
Area	Iceland Grounds
Management Authority	International Council for the Exploration of the Sea
Assessor	North-Western Working Group
Asmts in RAM	2011, 2013, 2014, 2015

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	-	-	-

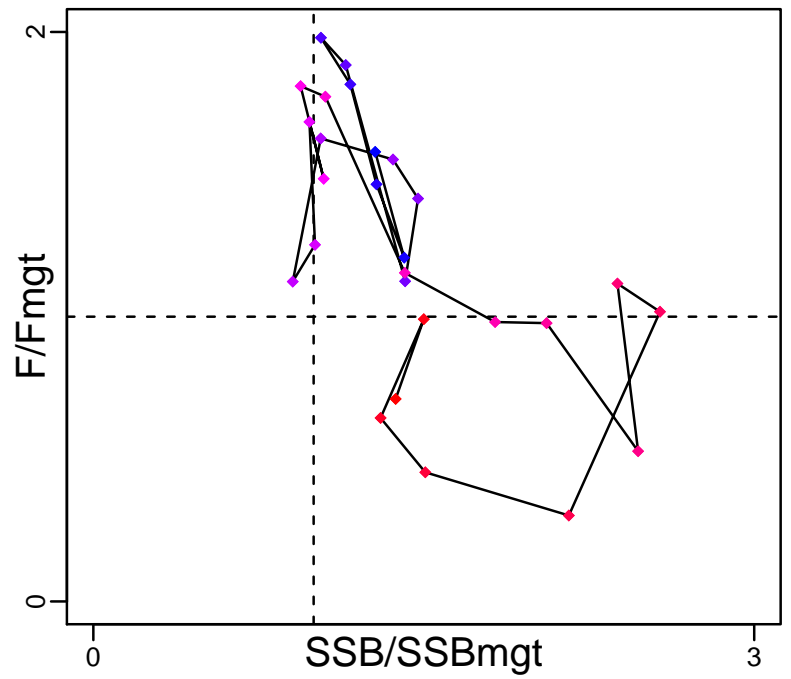
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	TB-MT	2015	438,000	-	3+
SSB	SSB-MT	2015	342,000	-	-
TN	-	-	-	-	-
R	R-E00	2015	4.77×10^8	-	0
F	F-1/yr	2015	0	-	-
ER	ER-calc-ratio	2015	0	-	-
TC	TC-MT	2015	95,000		
TL	TL-MT	2015	95,000		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	F-1/yr/Fmsy-1/yr	2015	1.16		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2014	1.43		
F/Fmgt	F-1/yr/Fmgt-1/yr	2015	1.16		
ER/ERmgt	-	-	-		

Herring Iceland (Summer spawners) [HERRIsum]

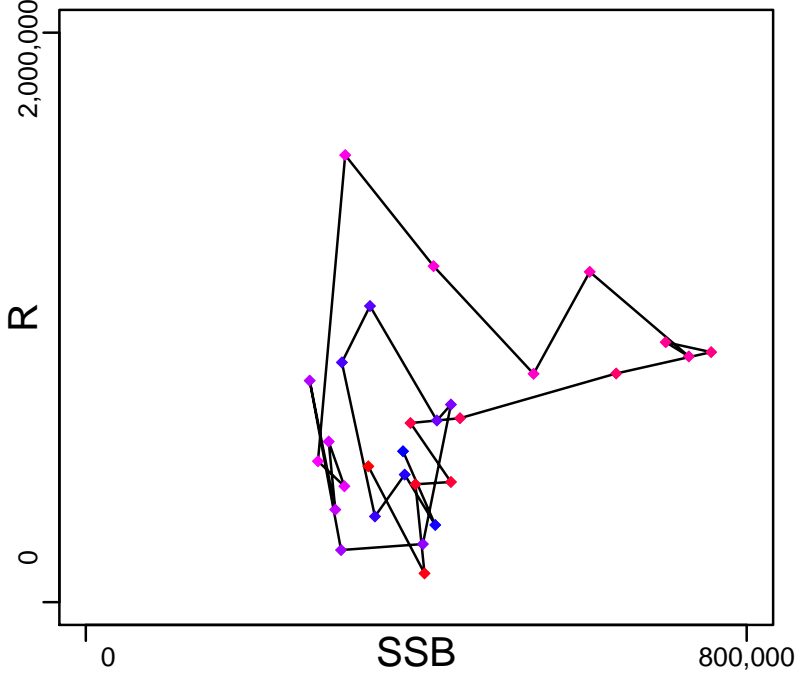
Kobe MSYpref (1984–2014–ICESIMP2016)



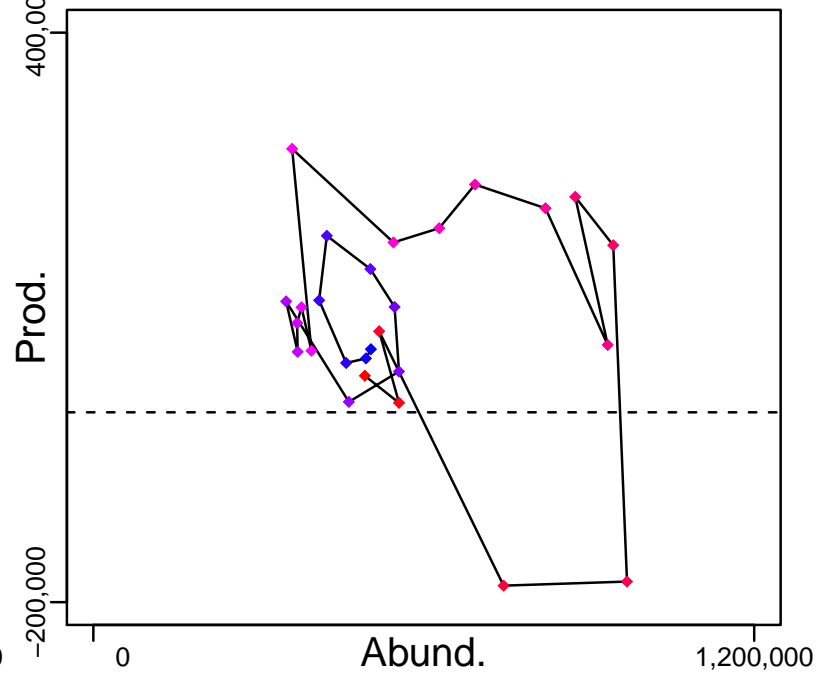
Kobe MGTpref (1984–2014–ICESIMP2016)



Spawner Recruit (1987–2015–ICESIMP2016)



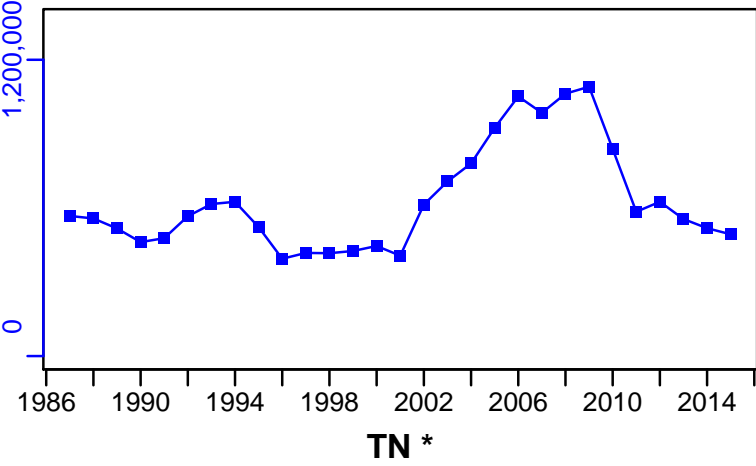
Production (1987–2015–ICESIMP2016)



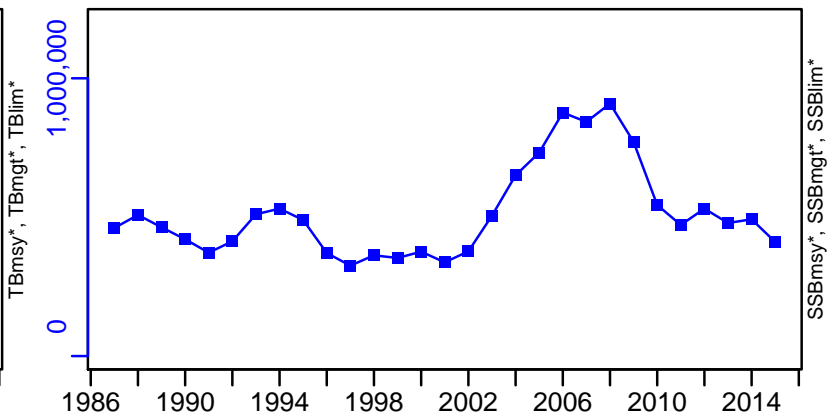
◆ Start Year ◆ End Year * No Data

Herring Iceland (Summer spawners) [HERRIsum]

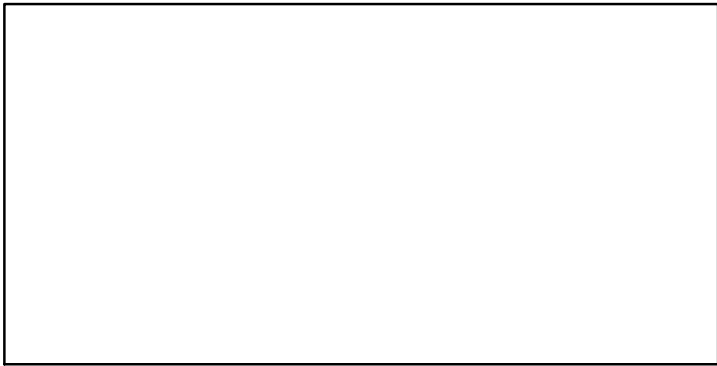
TB-MT (1987–2015–ICESIMP2016)



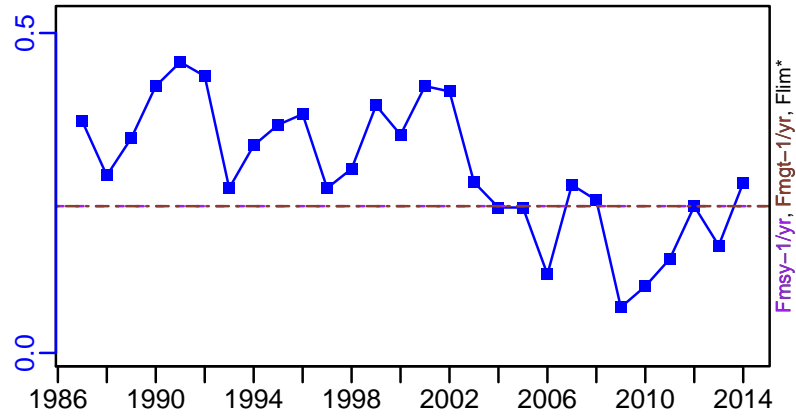
SSB-MT (1987–2015–ICESIMP2016)



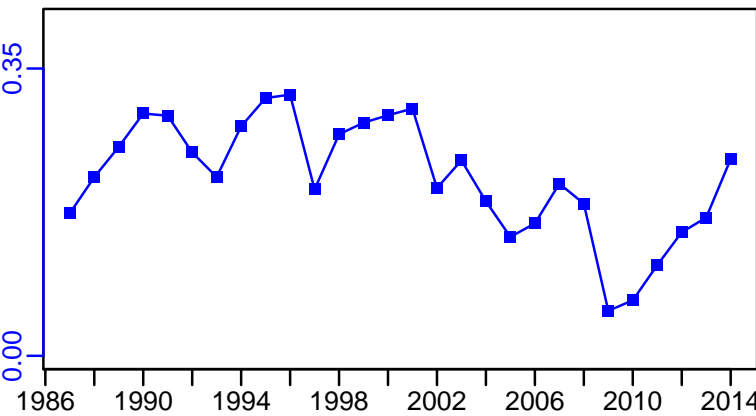
TN *



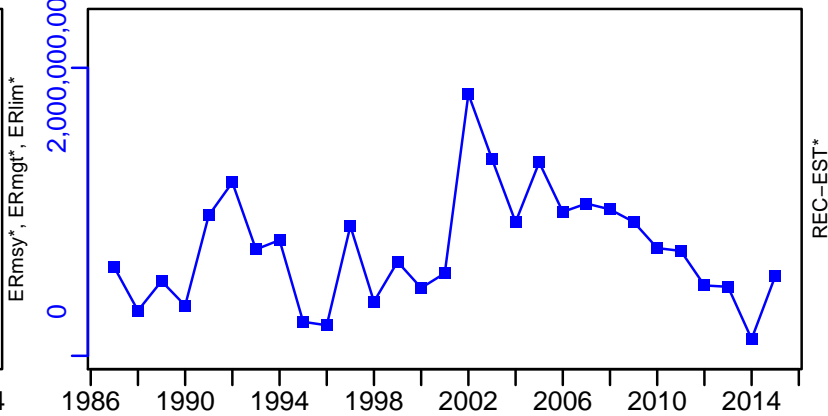
F-1/yr (1987–2015–ICESIMP2016)



ER-calc-ratio (1987–2015–ICESIMP2016)

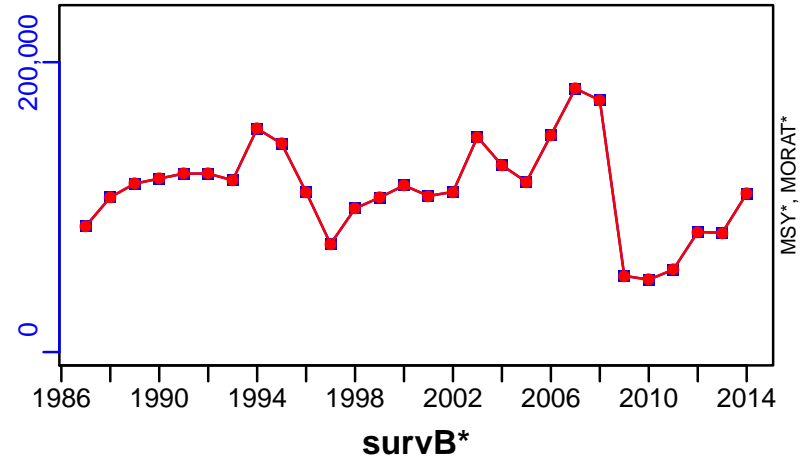


R-E00 (1987–2015–ICESIMP2016)



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]

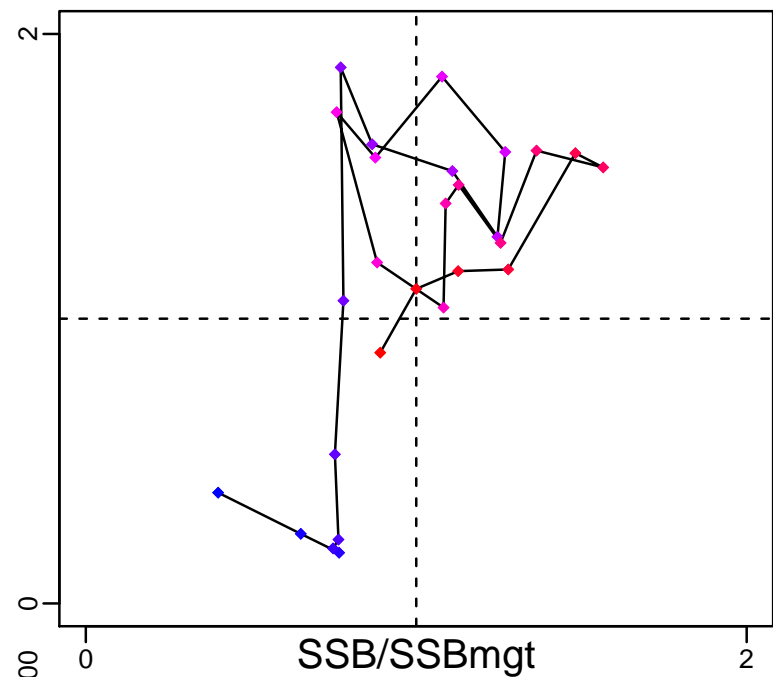
Metadata	
Scientific Name	Clupea harengus
Current Assess ID	WGWIDE-HERRNORSS-1988-2015-ICESIMP2016
Area	I-II-IVa-V-XIVa
Management Authority	International Council for the Exploration of the Sea
Assessor	Working Group on Widely Distributed Stocks
Asmts in RAM	2014, 2013, 2015

Reference Points			
Type	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	-	-	-
Fmsy	-	-	-
ERmsy	-	-	-
TBmgt	-	-	-
SSBmgt	SSBmgt-MT	2015	5×10^6
Fmgt	Fmgt-1/yr	2015	0.12
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	-	-	-
M	-	-	-
TBlim	-	-	-
SSBlim	SSBlim-MT	2015	2,500,000
Flim	-	-	-
ERlim	-	-	-

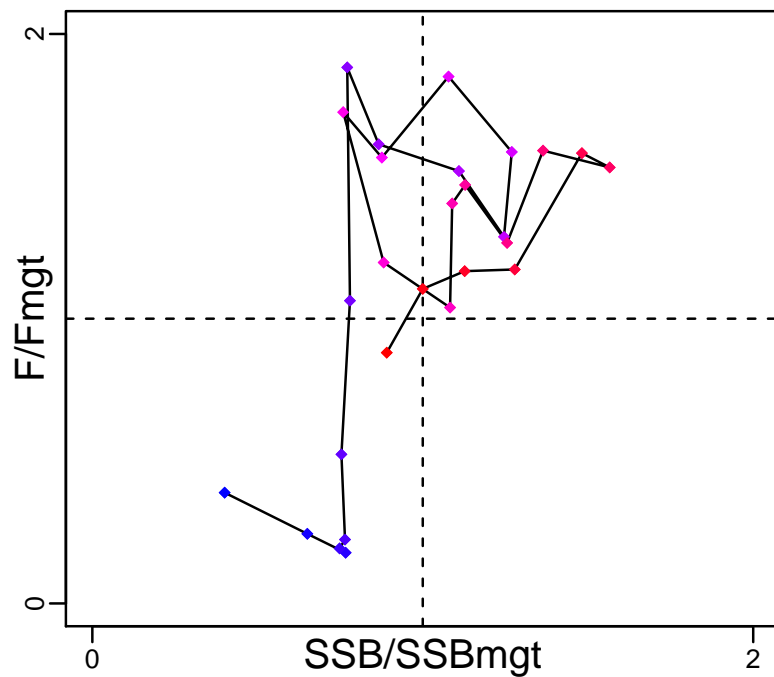
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	TB-MT	2015	5,290,000	-	-
SSB	SSB-MT	2015	3,950,000	-	-
TN	-	-	-	-	-
R	R-E00	2015	7.68×10^{10}	-	0
F	F-1/yr	2015	0	-	5 to 14
ER	ER-calc-ratio	2015	0	-	-
TC	TC-MT	2014	685,000		
TL	TL-MT	2015	461,000		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2015	0.79		
F/Fmgt	F-1/yr/Fmgt-1/yr	2015	0.88		
ER/ERmgt	-	-	-		

Norwegian Spring Spawning Herring [HERRNORSS]

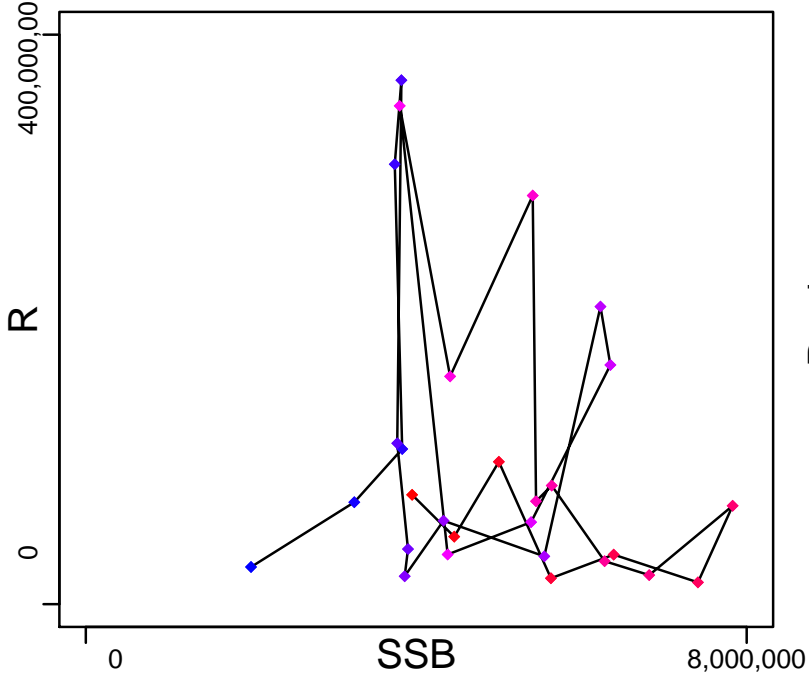
Kobe MSYpref (1988–2015–ICESIMP2016)



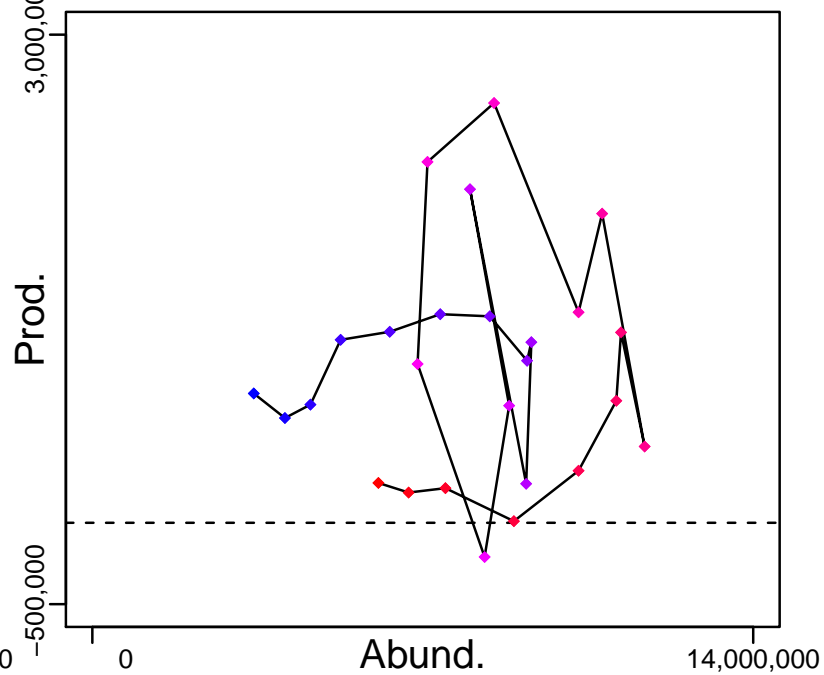
Kobe MGTpref (1988–2015–ICESIMP2016)



Spawner Recruit (1988–2015–ICESIMP2016)

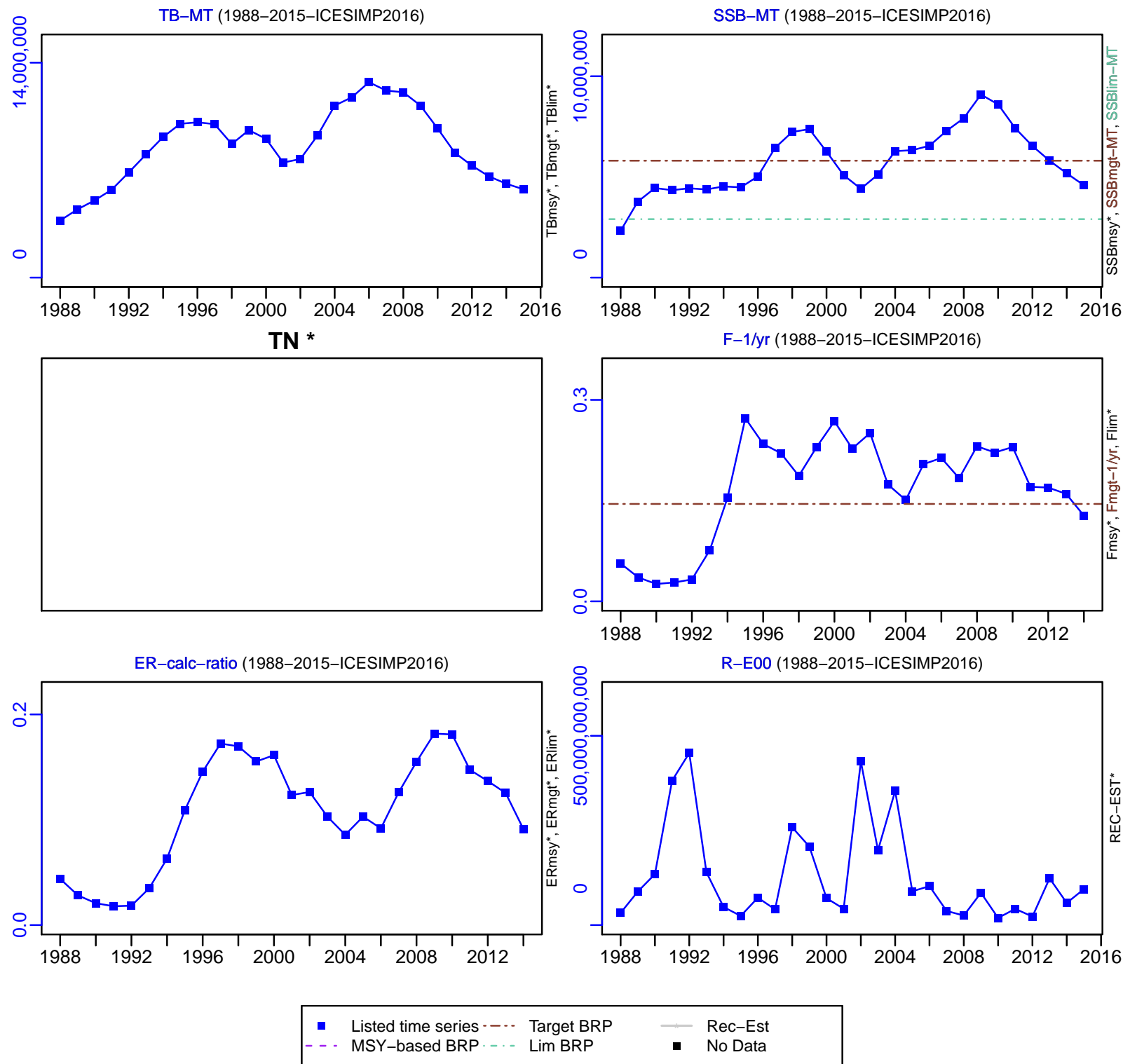


Production (1988–2015–ICESIMP2016)



◆ Start Year ◆ End Year * No Data

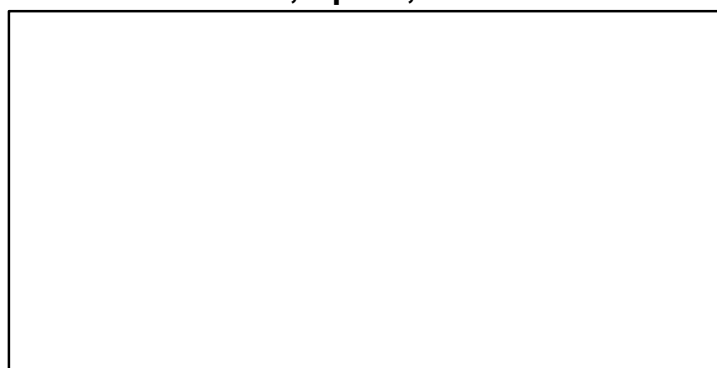
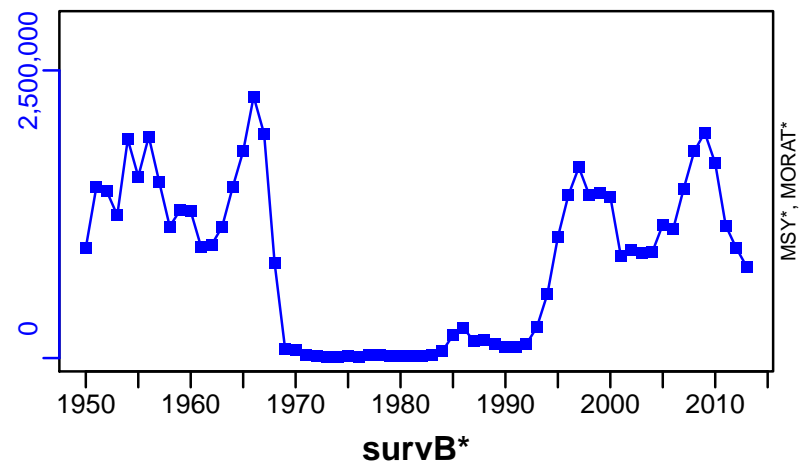
Norwegian Spring Spawning Herring [HERRNORSS]



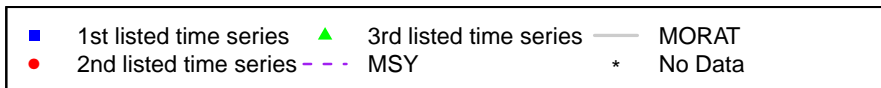
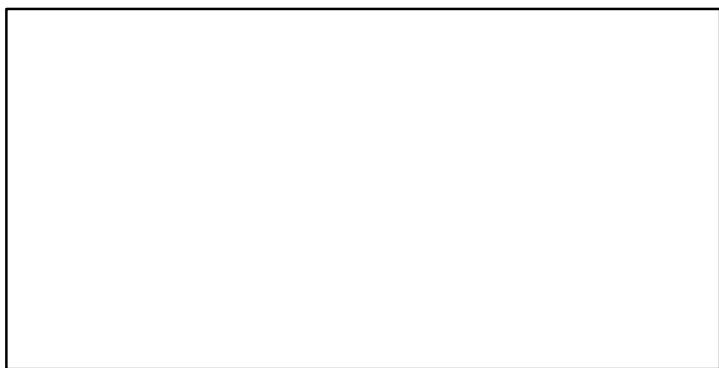
Norwegian Spring Spawning Herring [HERRNORSS]

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

TAC*, Cpair*, Cadv*



EFFORT*



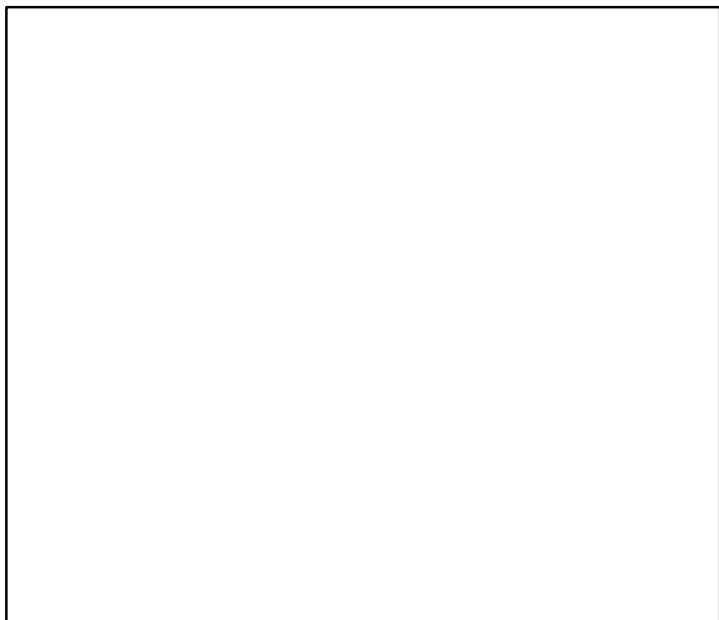
Northern shrimp North-East Arctic [PANDALI-II]

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

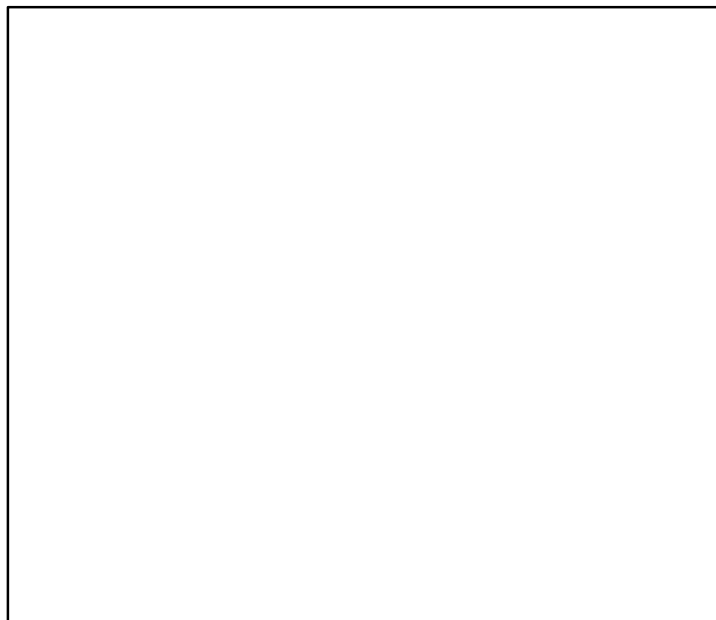
Reference Points			
Type	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	-	-	-
Fmsy	-	-	-
ERmsy	-	-	-
TBmgt	-	-	-
SSBmgt	-	-	-
Fmgt	-	-	-
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	-	-	-
M	-	-	-
TBlim	-	-	-
SSBlim	-	-	-
Flim	-	-	-
ERlim	-	-	-

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

Kobe MSY*



Kobe MGT*



Spawner Recruit*



Production*



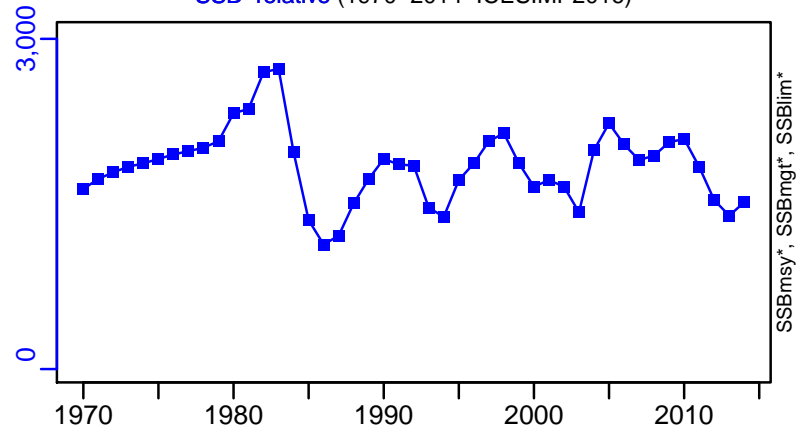
◆ Start Year ◆ End Year * No Data

Northern shrimp North-East Arctic [PANDALI-II]

TB*



SSB-relative (1970-2014-ICESIMP2016)



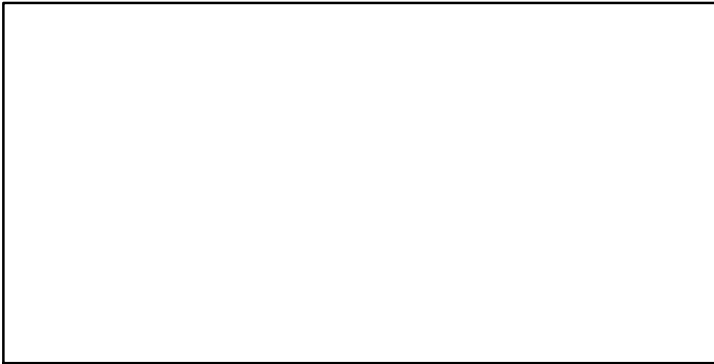
TN *



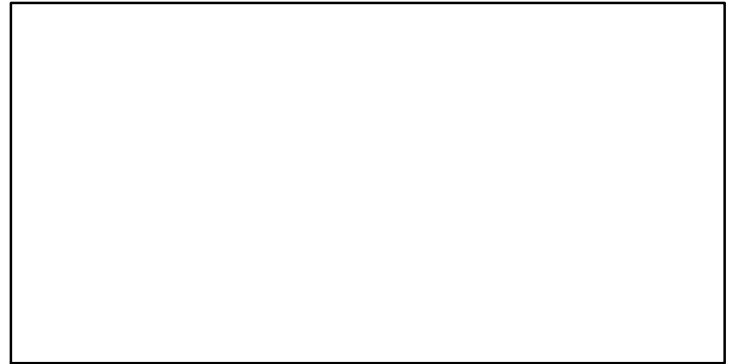
F*



ER*

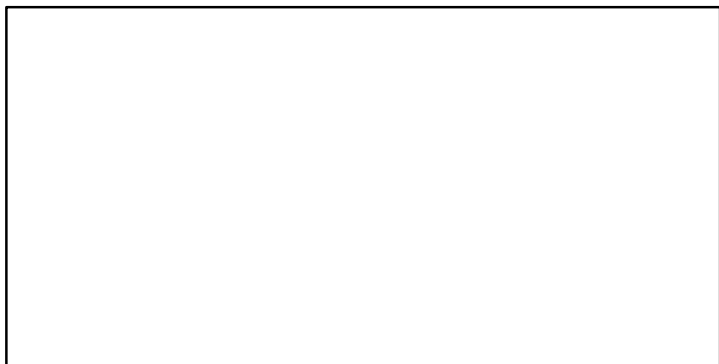


Recruits*

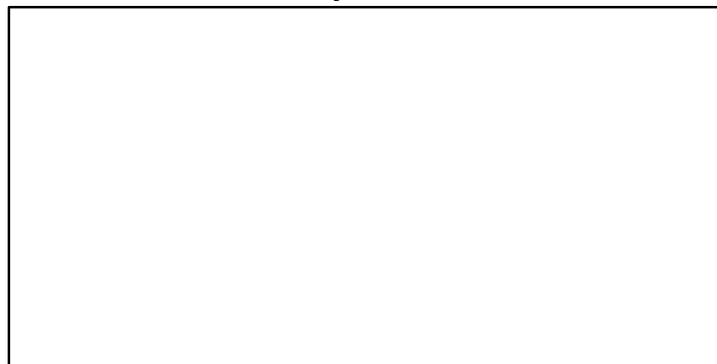


Northern shrimp North-East Arctic [PANDALI-II]

TC*, TL*, RecC*



TAC*, Cpair*, Cadv*



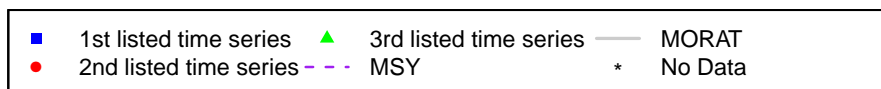
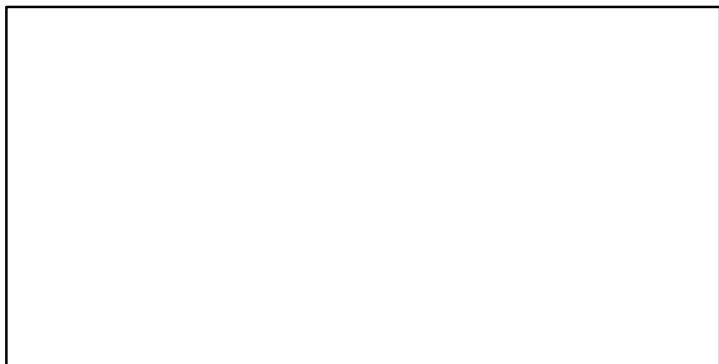
survB*



CPUE*



EFFORT*



Pollock Faroe Plateau [POLLFAPL]

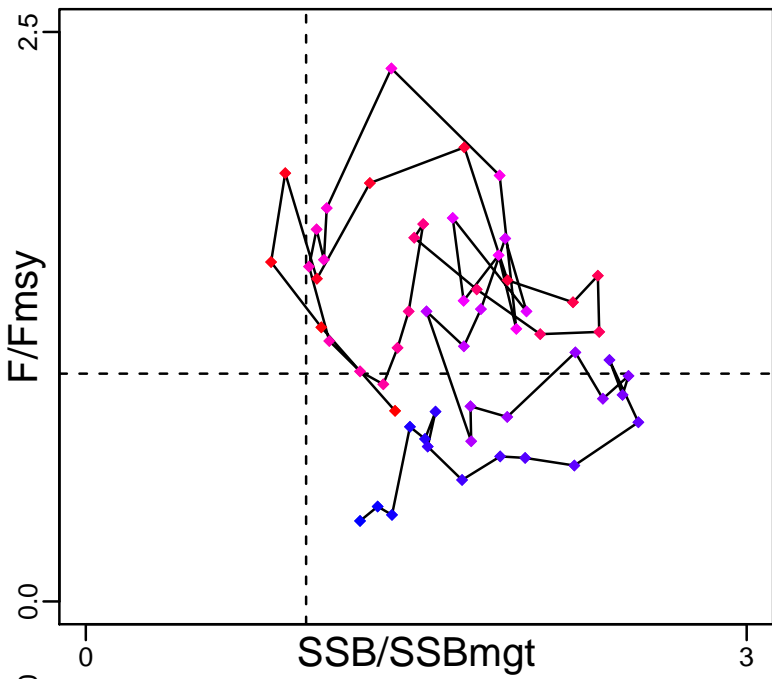
Metadata	
Scientific Name	Pollachius virens
Current Assess ID	NWWG-POLLFAPL-1958-2016-ICESIMP2016
Area	Faroe Plateau
Management Authority	International Council for the Exploration of the Sea
Assessor	North-Western Working Group
Asmts in RAM	2012, 2013, 2014, 2015, 2016

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	-	-	-

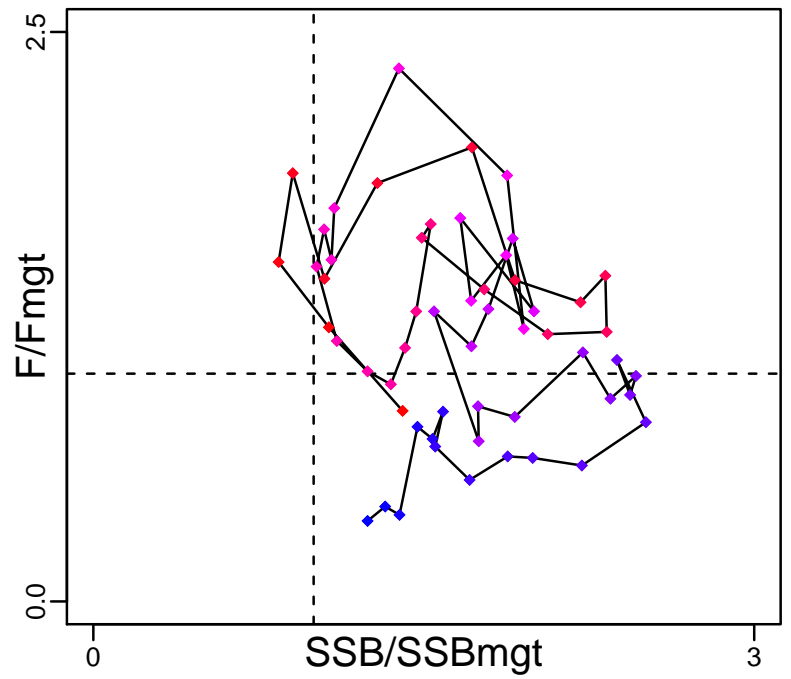
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	TB-MT	2016	194,000	-	-
SSB	SSB-MT	2016	96,800	-	-
TN	-	-	-	-	-
R	R-E00	2016	3×10^7	-	3
F	F-1/yr	2016	0	-	4 to 8
ER	ER-calc-ratio	2016	0	-	-
TC	-	-	-		
TL	TL-MT	2016	25,100		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	F-1/yr/Fmsy-1/yr	2016	0.84		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2016	1.76		
F/Fmgt	F-1/yr/Fmgt-1/yr	2016	0.84		
ER/ERmgt	-	-	-		

Pollock Faroe Plateau [POLLFAPL]

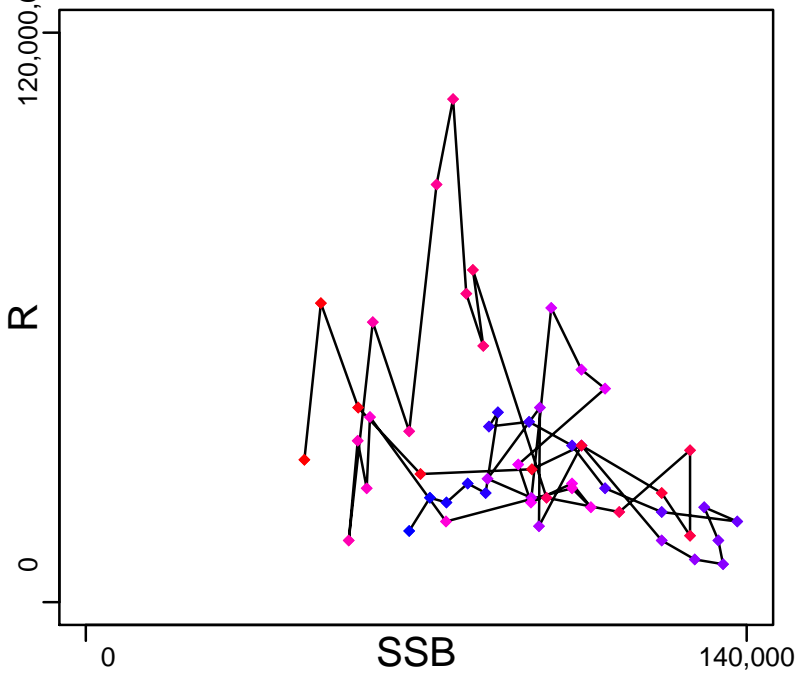
Kobe MSYpref (1958–2016–ICESIMP2016)



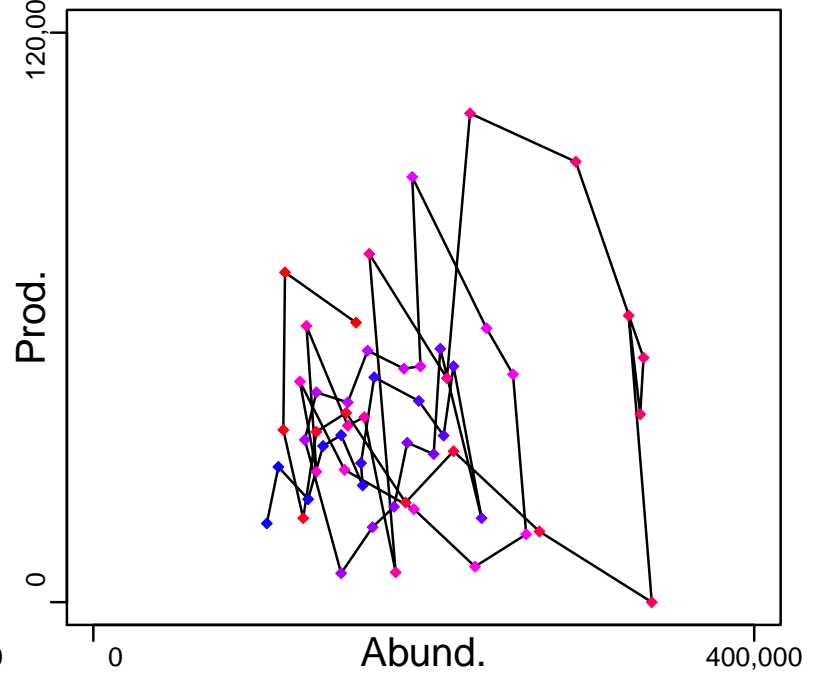
Kobe MGTpref (1958–2016–ICESIMP2016)



Spawner Recruit (1958–2016–ICESIMP2016)



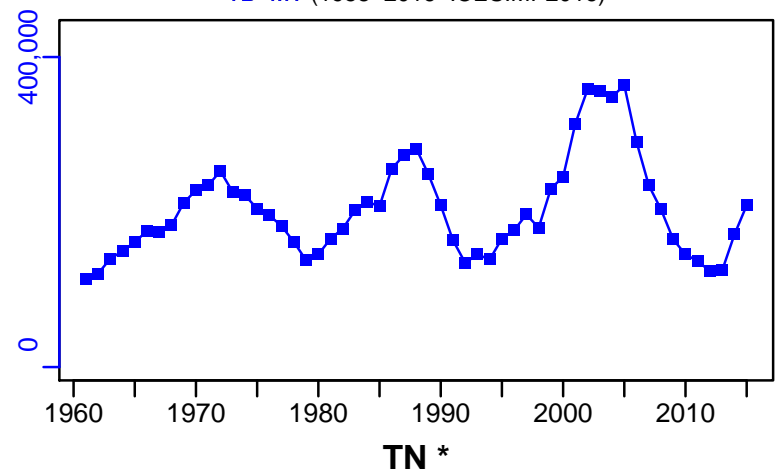
Production (1958–2016–ICESIMP2016)



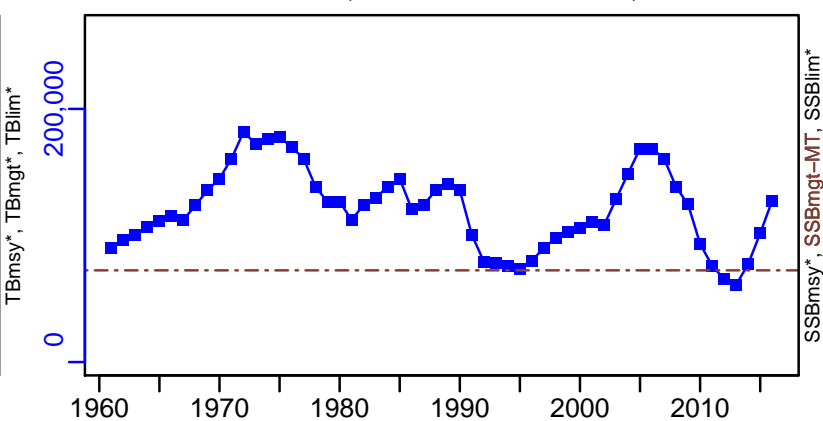
◆ Start Year ◆ End Year * No Data

Pollock Faroe Plateau [POLLFAPL]

TB-MT (1958–2016–ICESIMP2016)



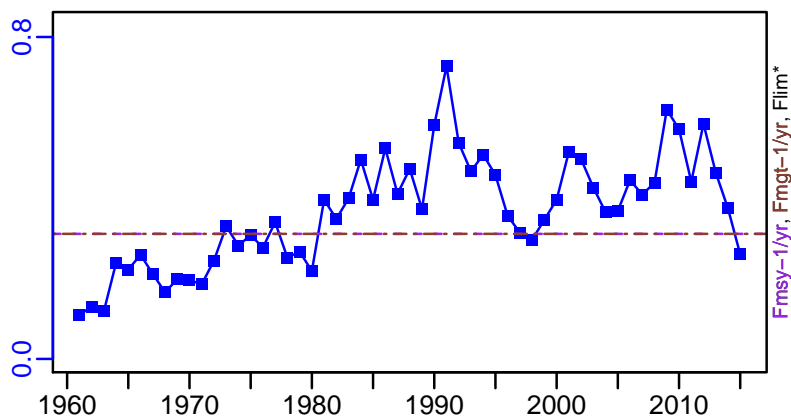
SSB-MT (1958–2016–ICESIMP2016)



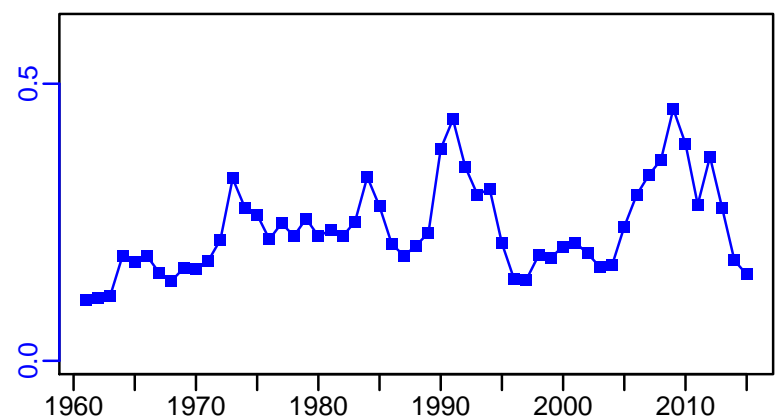
TN *



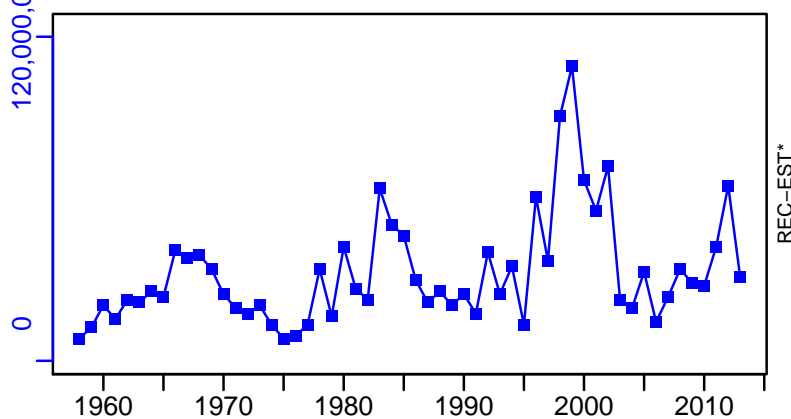
F-1/yr (1958–2016–ICESIMP2016)



ER-calc-ratio (1958–2016–ICESIMP2016)



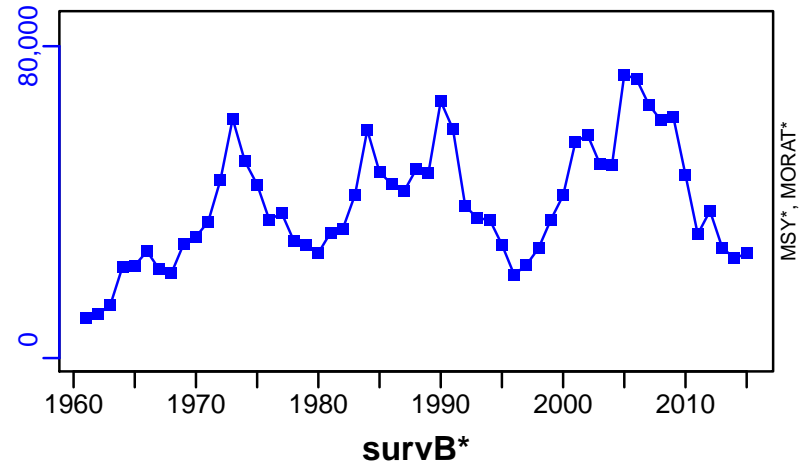
R-E00 (1958–2016–ICESIMP2016)



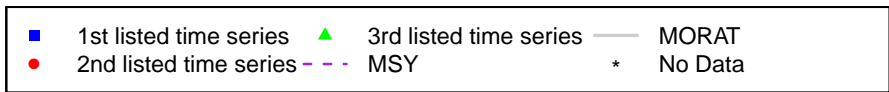
Pollock Faroe Plateau [POLLFAPL]

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

TAC*, Cpair*, Cadv*



EFFORT*



Pollock Iceland Grounds [POLLIEG]

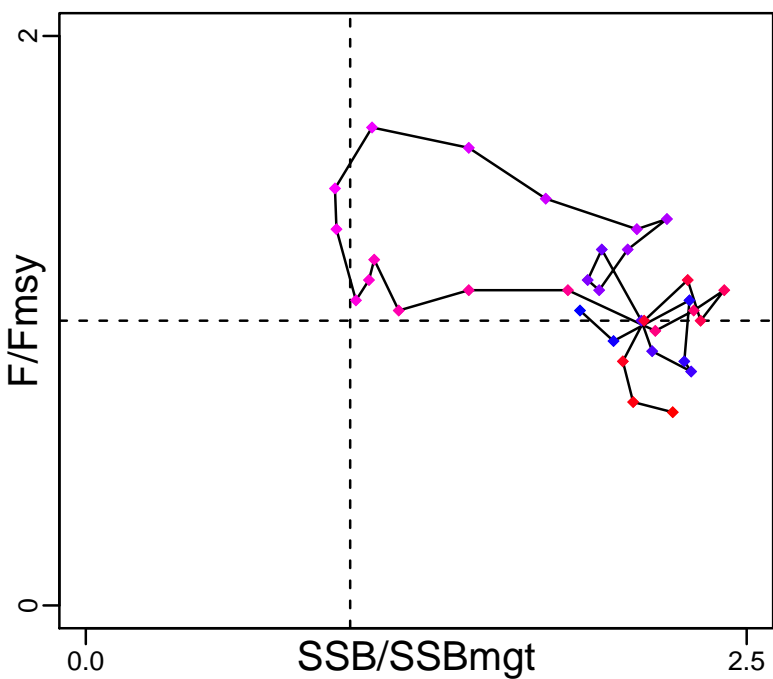
Metadata	
Scientific Name	Pollachius virens
Current Assess ID	NWWG-POLLIEG-1977-2016-ICESIMP2016
Area	Iceland Grounds
Management Authority	International Council for the Exploration of the Sea
Assessor	North-Western Working Group
Asmts in RAM	2012, 2013, 2014, 2015, 2016

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	-	-	-

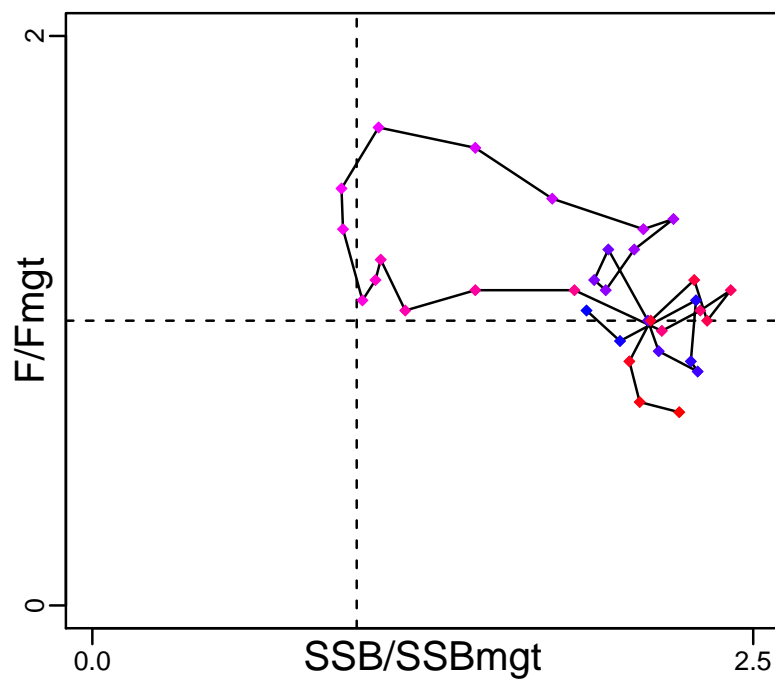
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	TB-MT	2013	321,000	-	-
SSB	SSB-MT	2016	144,000	-	-
TN	-	-	-	-	-
R	R-E00	2016	30,400,000	-	3
F	F-1/yr	2016	0	-	4 to 9
ER	ER-calc-ratio	2016	0	-	-
TC	-	-	-		
TL	TL-MT	2016	48,500		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	F-1/yr/Fmsy-1/yr	2013	0.68		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2016	2.21		
F/Fmgt	F-1/yr/Fmgt-1/yr	2013	0.68		
ER/ERmgt	-	-	-		

Pollock Iceland Grounds [POLLIEG]

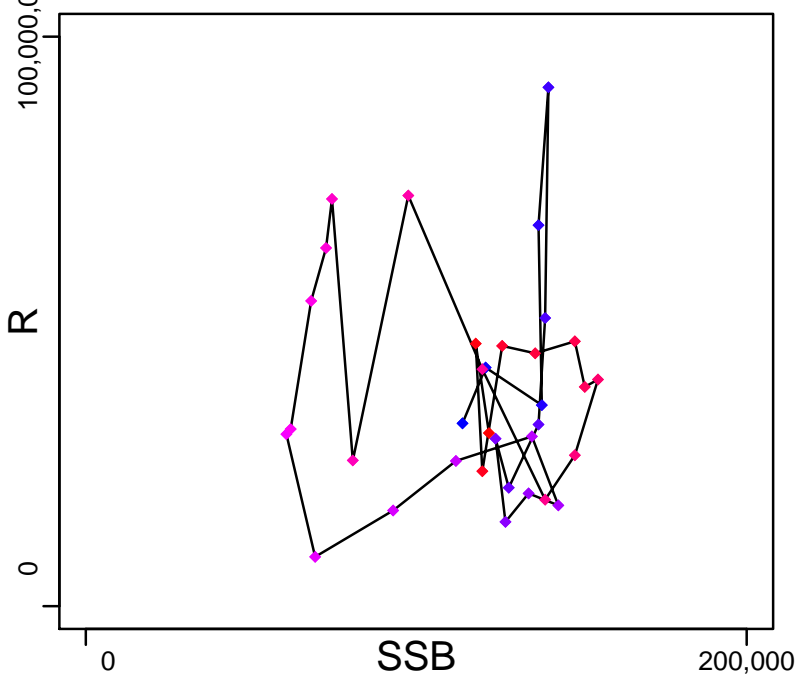
Kobe MSYpref (1977–2013–ICESIMP2016)



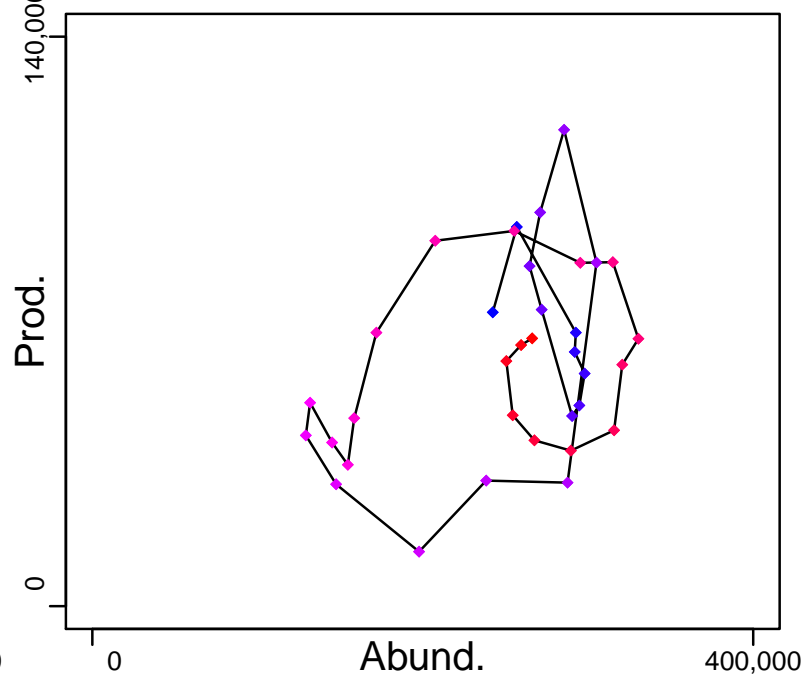
Kobe MGTpref (1977–2013–ICESIMP2016)



Spawner Recruit (1977–2016–ICESIMP2016)



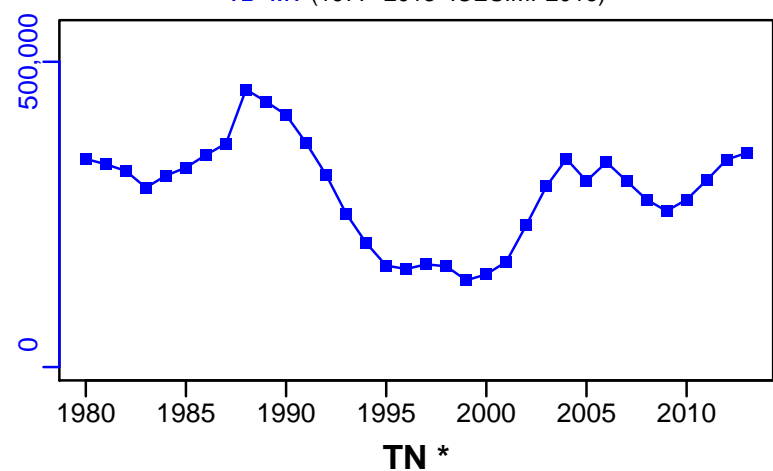
Production (1977–2016–ICESIMP2016)



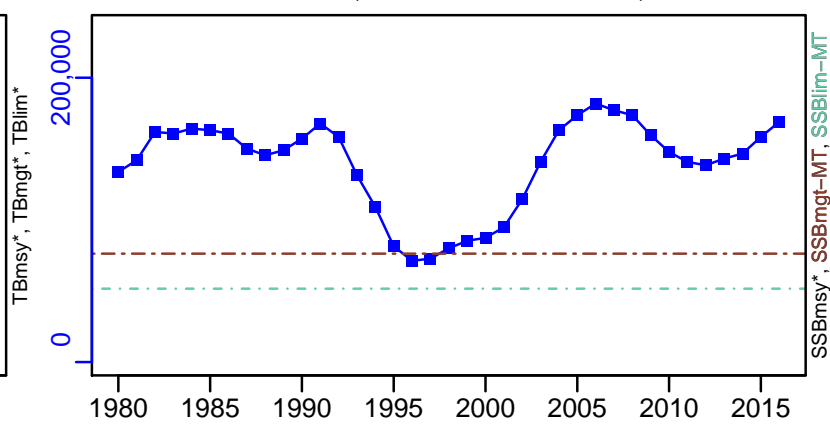
◆ Start Year ◆ End Year * No Data

Pollock Iceland Grounds [POLLIEG]

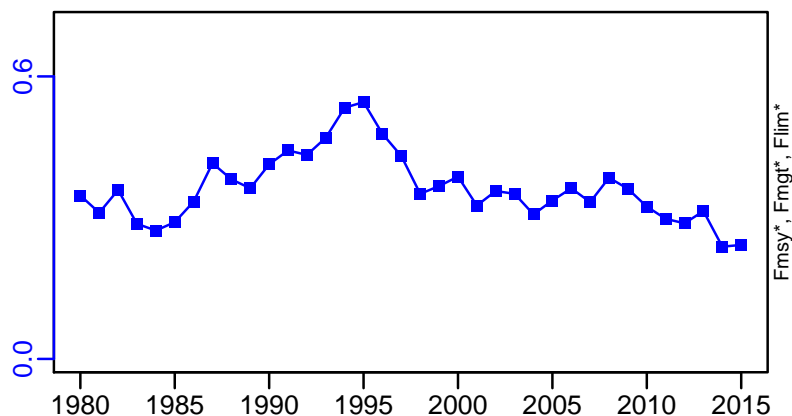
TB-MT (1977-2013-ICESIMP2016)



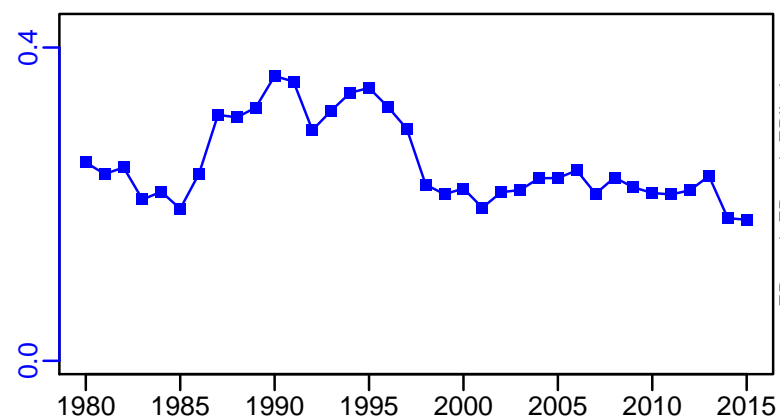
SSB-MT (1977-2016-ICESIMP2016)



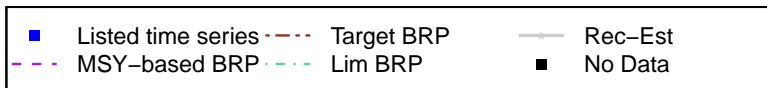
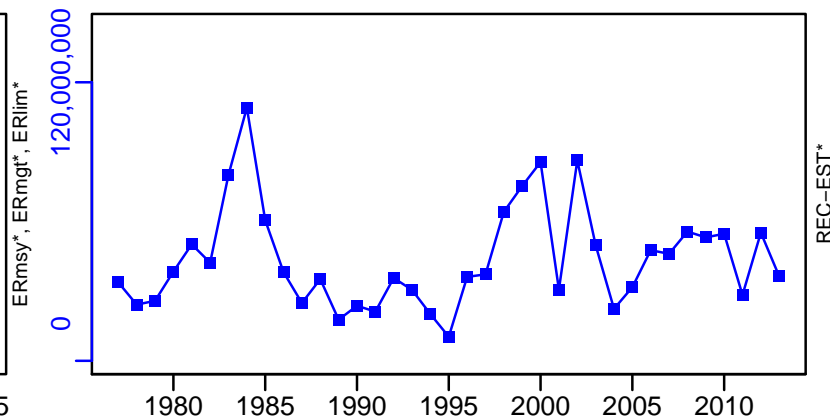
F-1/yr (1977-2016-ICESIMP2016)



ER-calc-ratio (1977-2016-ICESIMP2016)

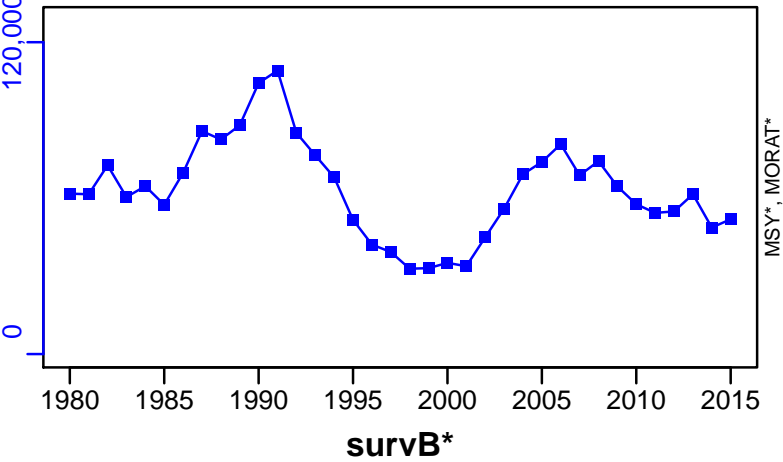


R-E00 (1977-2016-ICESIMP2016)



Pollock Iceland Grounds [POLLIEG]

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



TAC*, Cpair*, Cadv*



CPUE*



EFFORT*



Pollock Northeast Arctic [POLLNEAR]

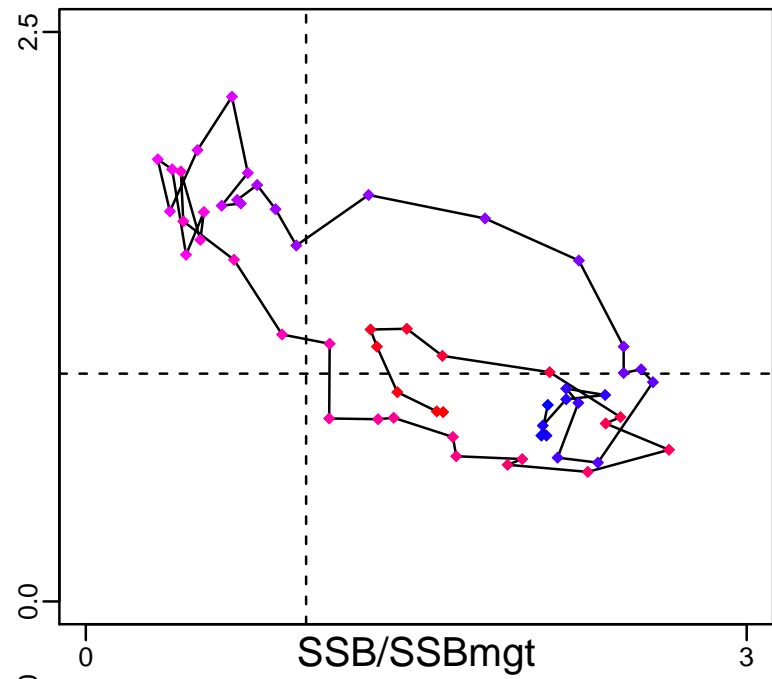
Metadata	
Scientific Name	Pollachius virens
Current Assess ID	AFWG-POLLNEAR-1957-2016-ICESIMP2016
Area	North-East Arctic
Management Authority	International Council for the Exploration of the Sea
Assessor	Arctic Fisheries Working Group
Asmts in RAM	2012, 2014, 2015, 2016

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	-	-	-

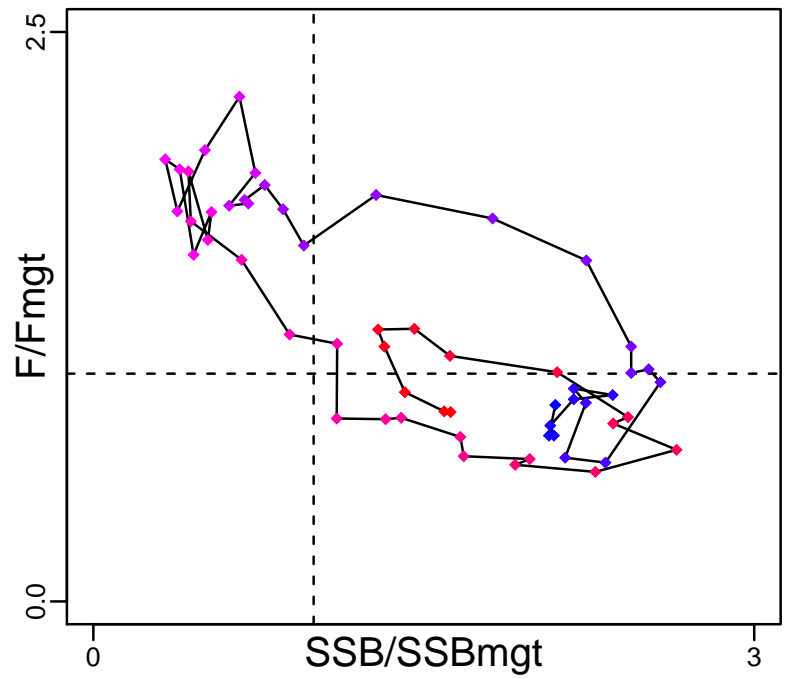
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	TB-MT	2016	601,000	-	-
SSB	SSB-MT	2016	391,000	-	-
TN	-	-	-	-	-
R	R-E00	2016	1.57×10^8	-	3
F	F-1/yr	2016	0	-	4 to 7
ER	ER-calc-ratio	2016	0	-	-
TC	TC-MT	2016	132,000		
TL	TL-MT	2016	132,000		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2016	1.78		
F/Fmgt	F-1/yr/Fmgt-1/yr	2016	0.83		
ER/ERmgt	-	-	-		

Pollock Northeast Arctic [POLLNEAR]

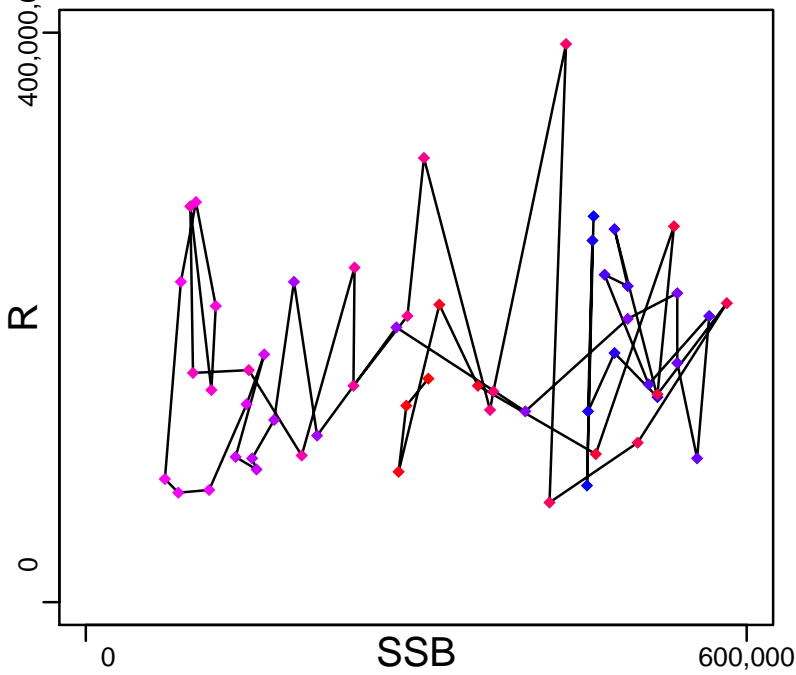
Kobe MSYpref (1957–2016–ICESIMP2016)



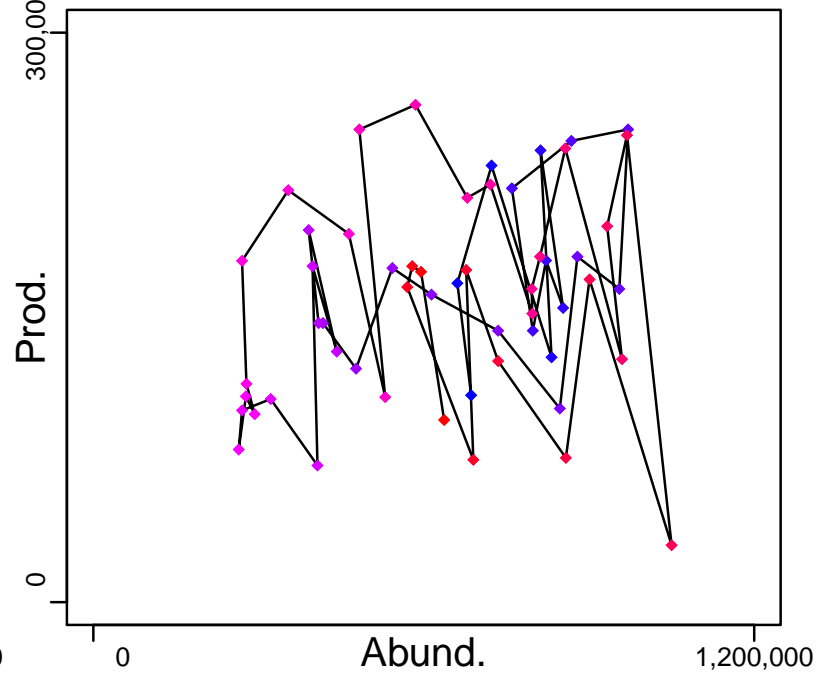
Kobe MGTpref (1957–2016–ICESIMP2016)



Spawner Recruit (1957–2016–ICESIMP2016)



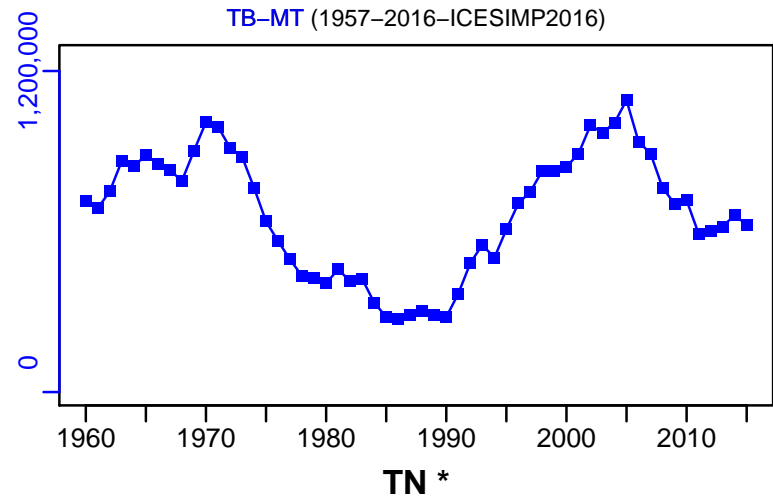
Production (1957–2016–ICESIMP2016)



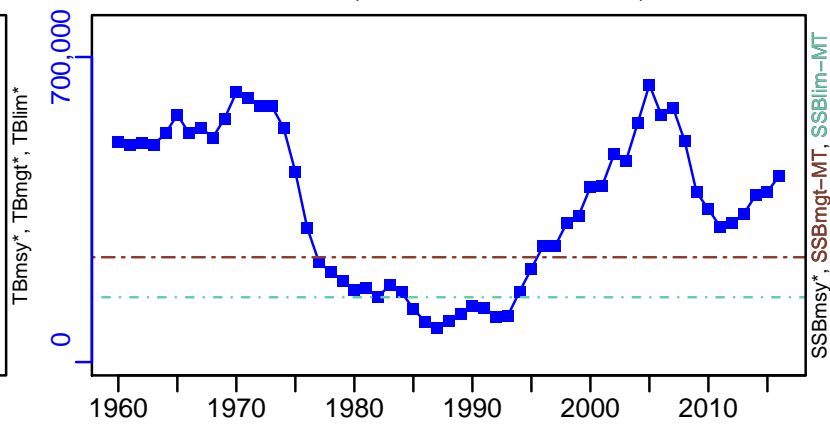
◆ Start Year ◆ End Year * No Data

Pollock Northeast Arctic [POLLNEAR]

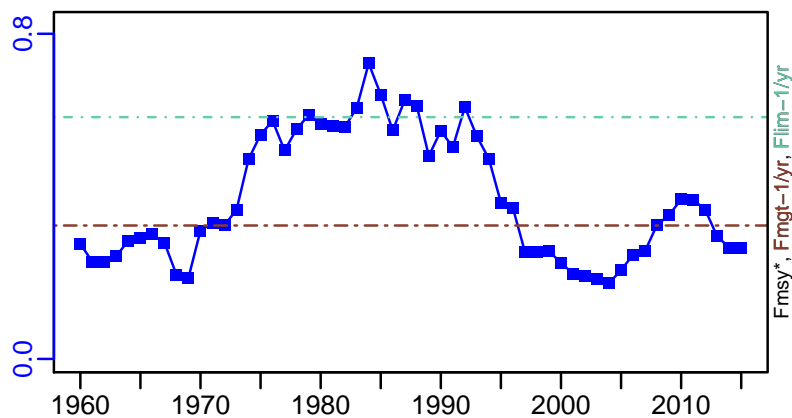
TB-MT (1957–2016–ICESIMP2016)



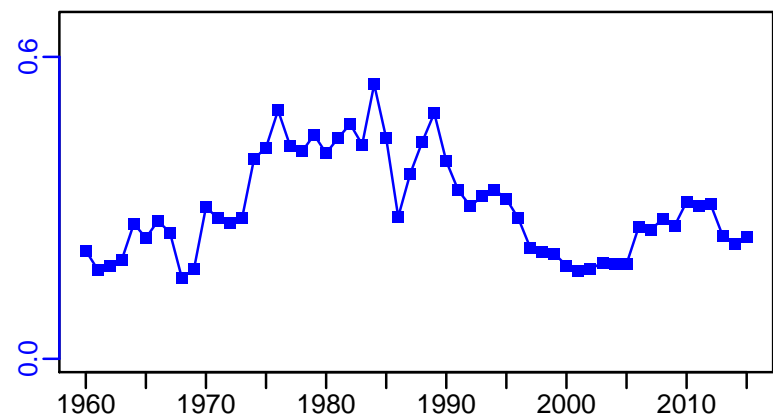
SSB-MT (1957–2016–ICESIMP2016)



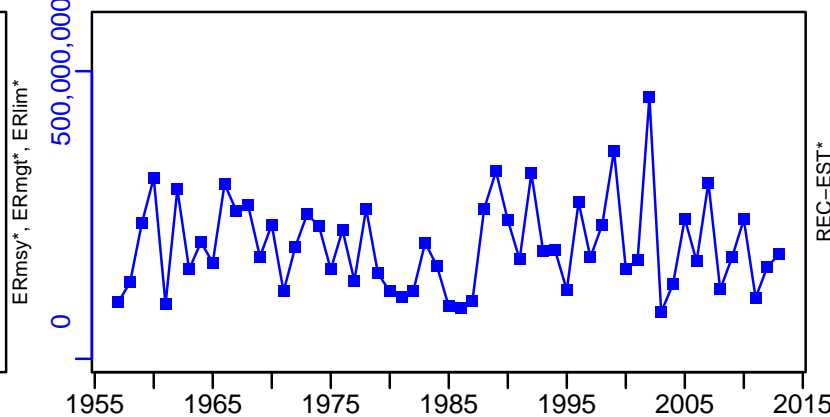
F-1/yr (1957–2016–ICESIMP2016)



ER-calc-ratio (1957–2016–ICESIMP2016)



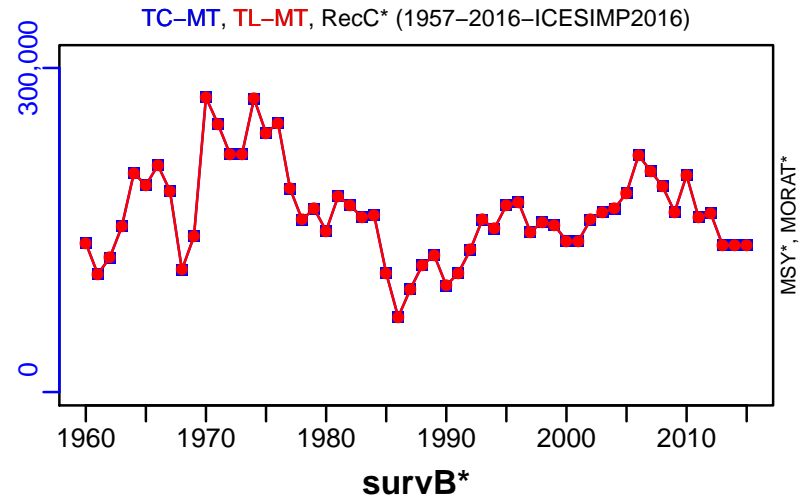
R-E00 (1957–2016–ICESIMP2016)



Pollock Northeast Arctic [POLLNEAR]

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

TAC*, Cpair*, Cadv*



EFFORT*

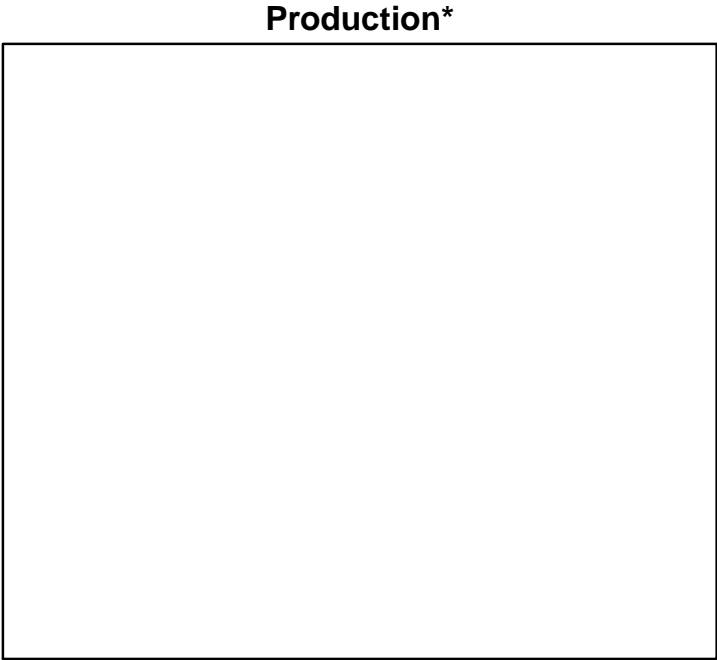
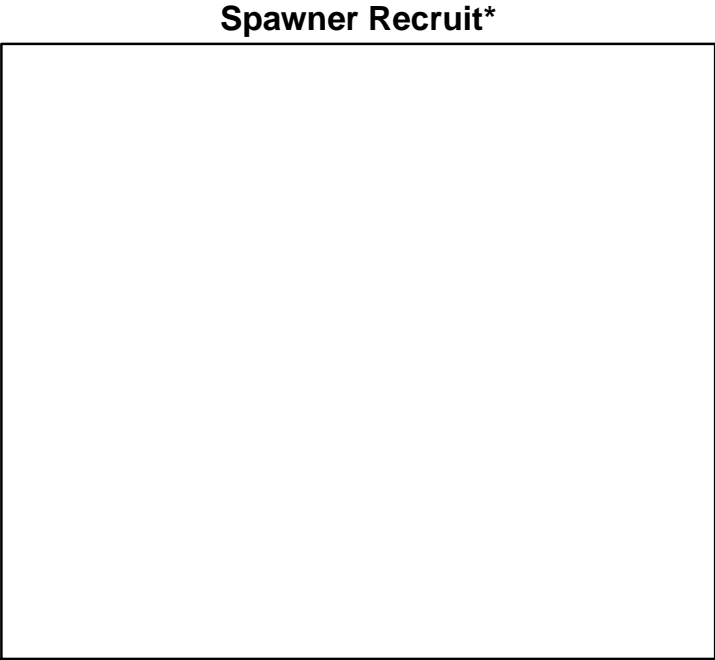
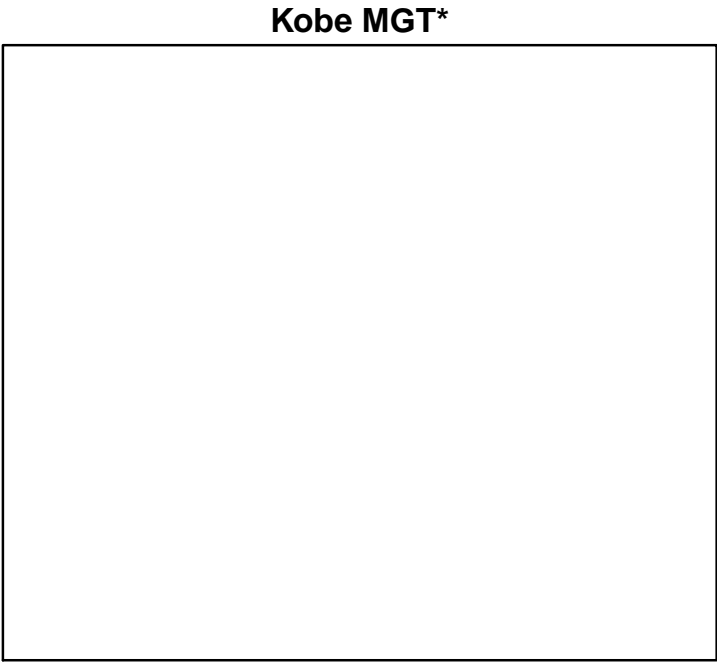


Deepwater Redfish Northeast Arctic [REDDEEPI-II]

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	-	-	-		
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*



TC*, TL*, RecC*



TAC*, Cpair*, Cadv*



survB*



CPUE*



EFFORT*



■

1st listed time series

●

2nd listed time series

▲

3rd listed time series

- -

MSY

—

MORAT

*

No Data

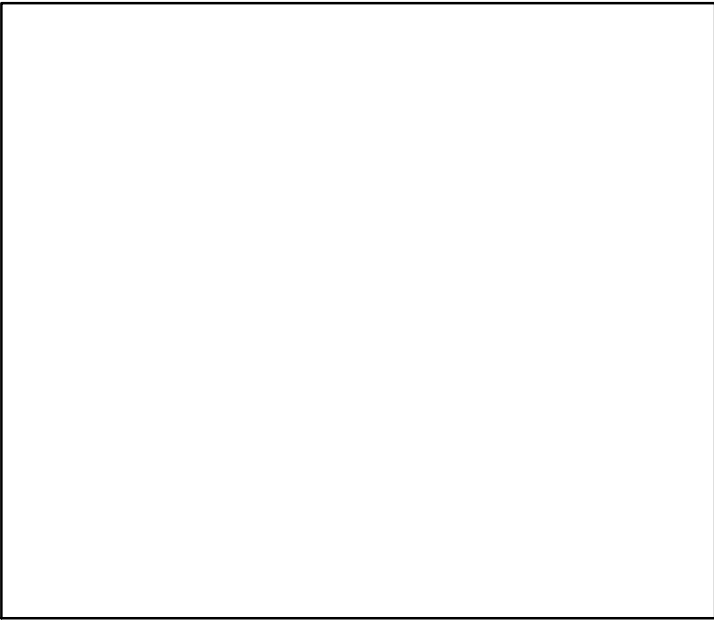
Beaked Redfish Va and XIV [REDDEEPVa-XIV]

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

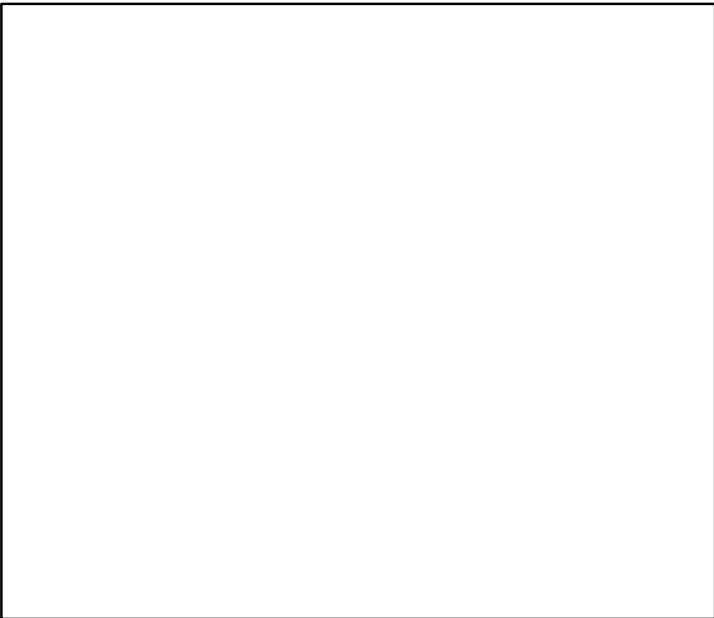
Kobe MSY*



Kobe MGT*



Spawner Recruit*



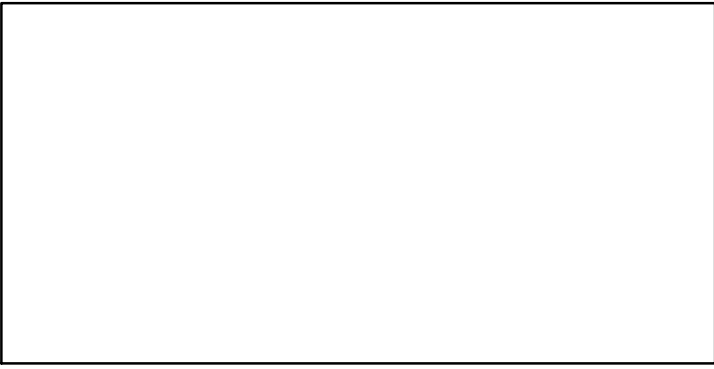
Production*



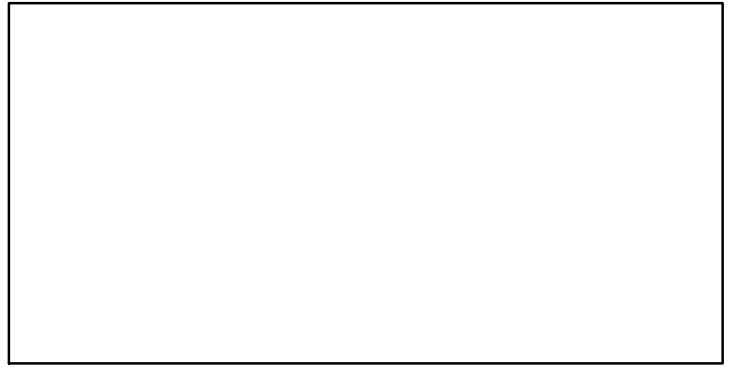
◆ Start Year ◆ End Year * No Data

Beaked Redfish Va and XIV [REDDEEPVa–XIV]

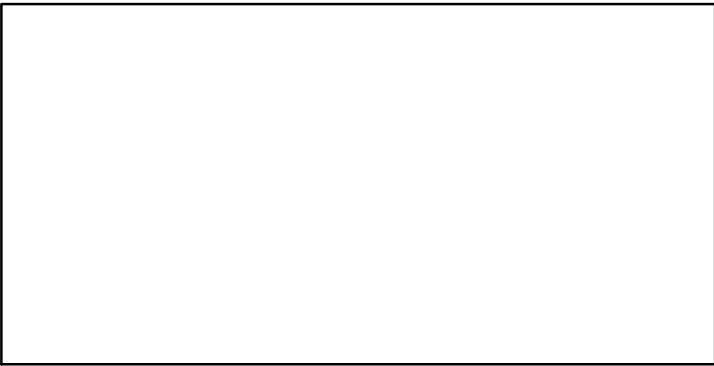
TB*



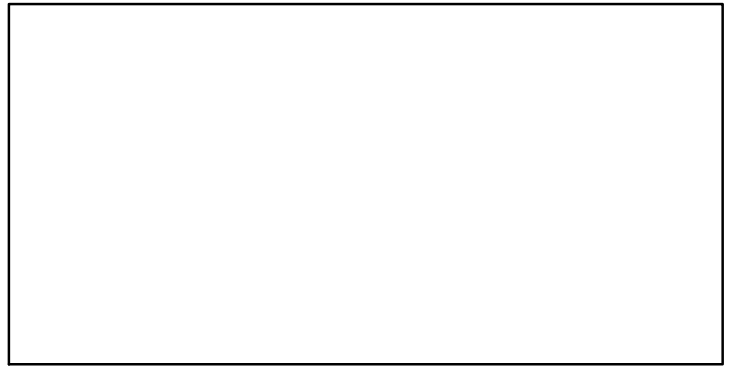
SSB*



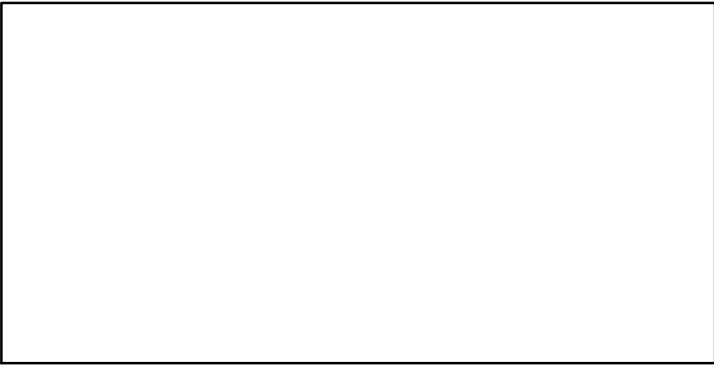
TN *



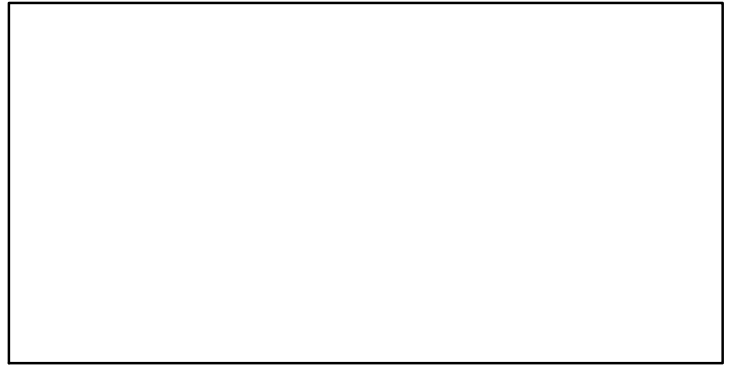
F*



ER*



Recruits*

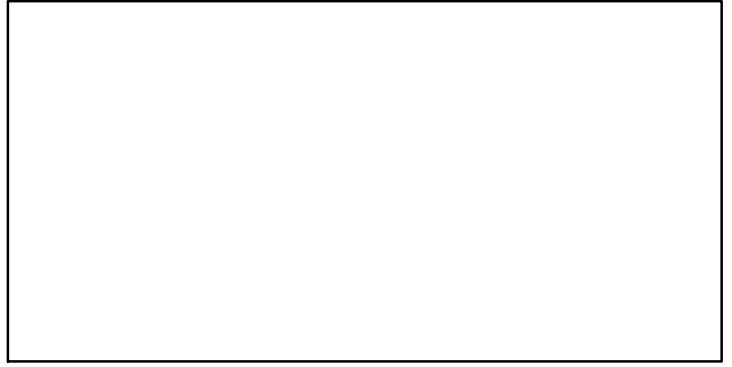


Beaked Redfish Va and XIV [REDDEEPVa–XIV]

TC*, TL*, RecC*



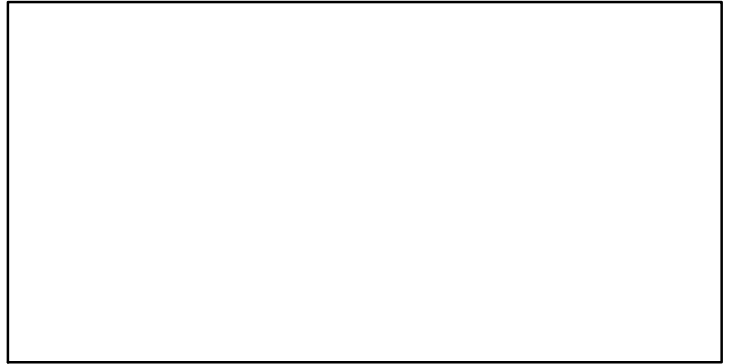
TAC*, Cpair*, Cadv*



survB*



CPUE*



EFFORT*

