

# Europe non EU Stocks

## v4.40 (Jun-04-2018)

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	
<b>Scientific Name</b>	Molva dypterygia
<b>Current Assess ID</b>	WGDEEP-BLINGVa-XIV-2000-2016-ICESIMP2016
<b>Area</b>	Va and XIV
<b>Management Authority</b>	International Council for the Exploration of the Sea
<b>Assessor</b>	Working Group on the Biology and Assessment of Deep-Sea Fisheries Resources
<b>Asmts in RAM</b>	2016

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	-	-	-		

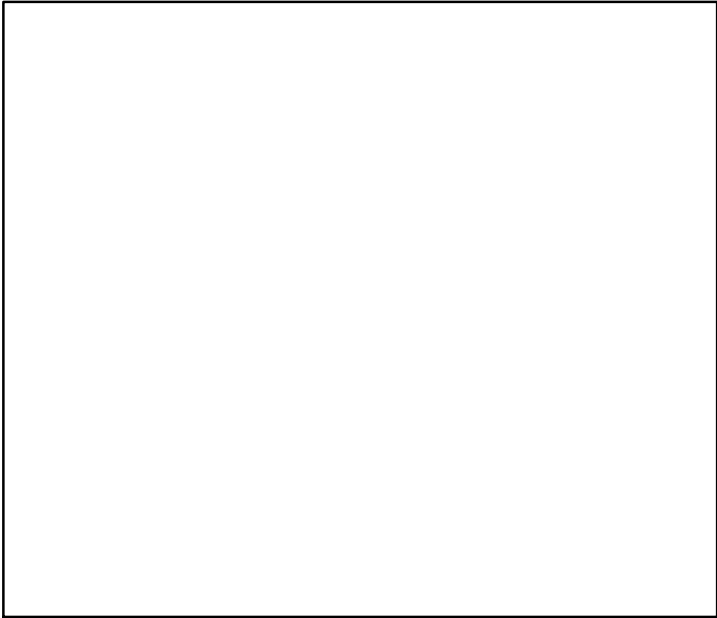
Kobe MSY\*



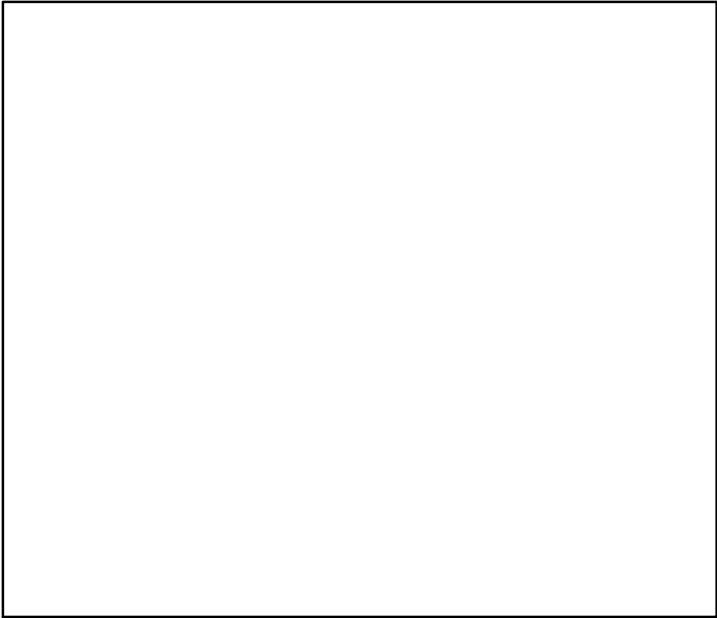
Kobe MGT\*



Spawner Recruit\*



Production\*



◆ Start Year   ◆ End Year   \* No Data

Blue ling Va and XIV [BLINGVa–XIV]

TB\*



SSB\*



TN \*



F\*



ER\*

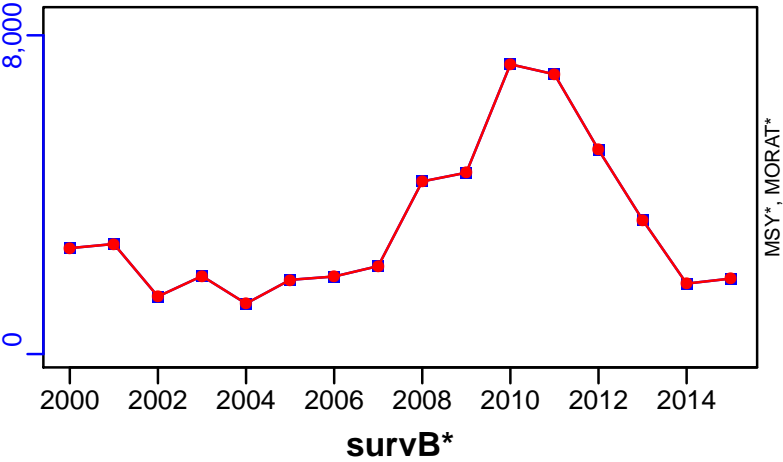


Recruits\*



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]

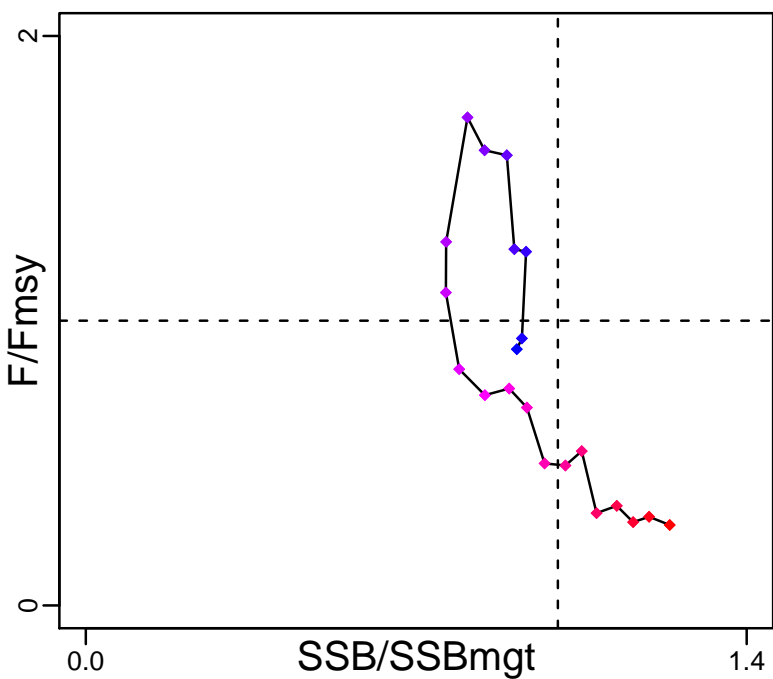
Metadata	
<b>Scientific Name</b>	Molva dypterygia
<b>Current Assess ID</b>	WGDEEP-BLINGVb-VI-VII-1966-2016-ICESIMP2016
<b>Area</b>	Vb-VI-VII
<b>Management Authority</b>	International Council for the Exploration of the Sea
<b>Assessor</b>	Working Group on the Biology and Assessment of Deep-Sea Fisheries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

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

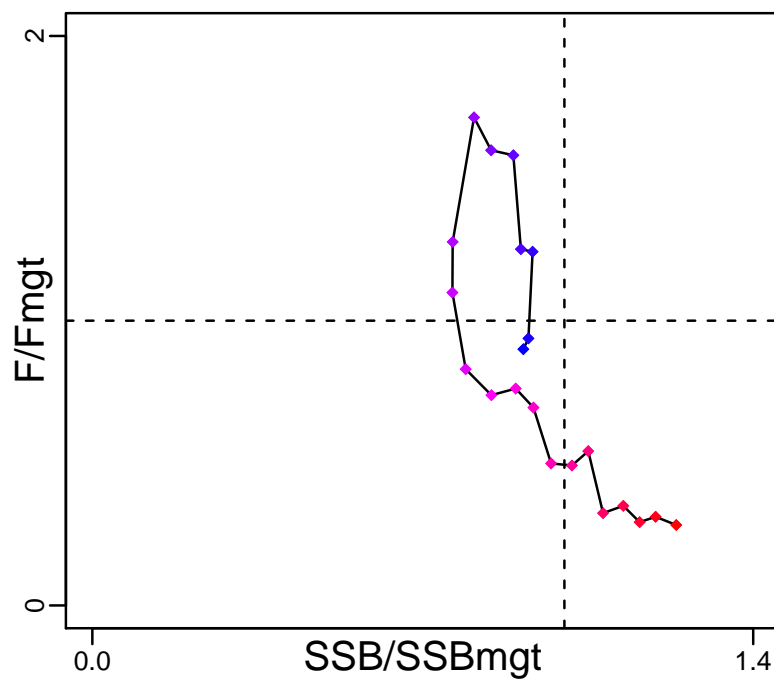
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
<b>TB</b>	-	-	-	-	-
<b>SSB</b>	SSB-MT	2016	95,700	Both	-
<b>TN</b>	-	-	-	-	-
<b>R</b>	R-E00	2016	3,670,000	-	9
<b>F</b>	F-1/yr	2016	0.034	-	9 to 19
<b>ER</b>	-	-	-	-	-
<b>TC</b>	TC-MT	2016	2710		
<b>TL</b>	TL-MT	2016	2760		
<b>TB/TBmsy</b>	-	-	-	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

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

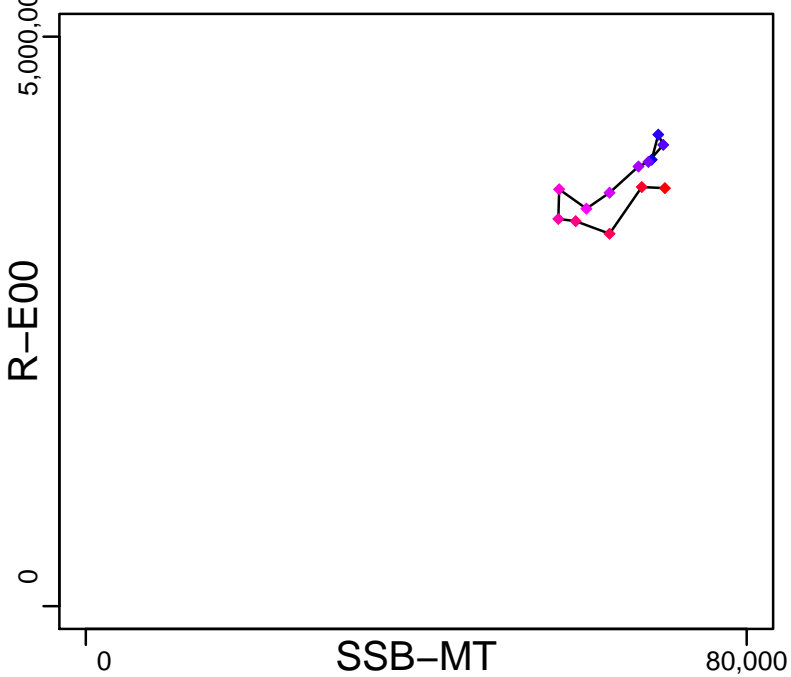
Kobe MSYpref (1966-2016-ICESIMP2016)



Kobe MGTpref (1966-2016-ICESIMP2016)



Spawner Recruit (1966-2016-ICESIMP2016)



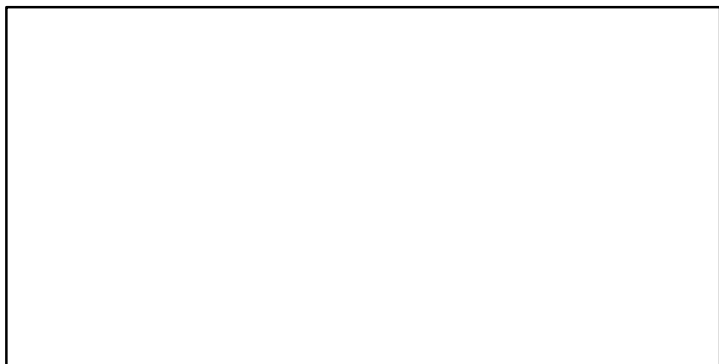
Production\*



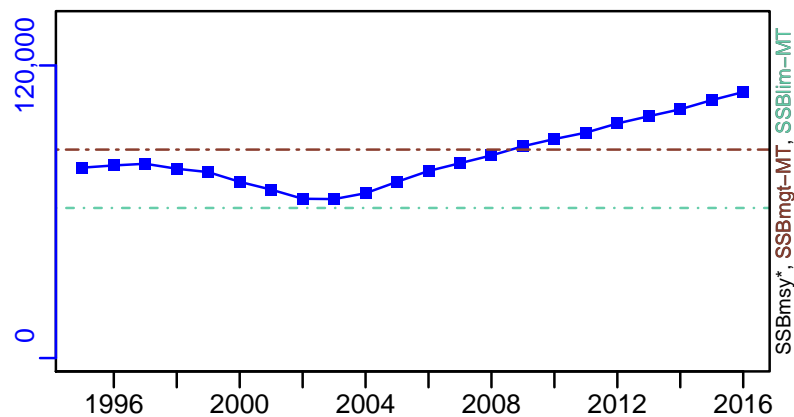
◆ Start Year ◆ End Year \* No Data

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

TB\*



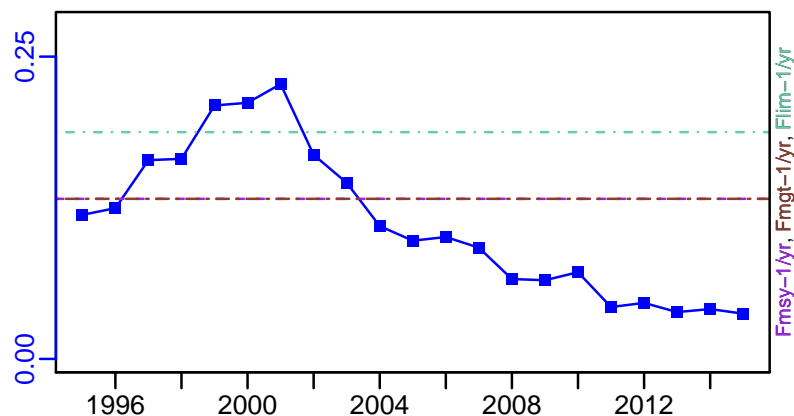
SSB-MT (1966-2016-ICESIMP2016)



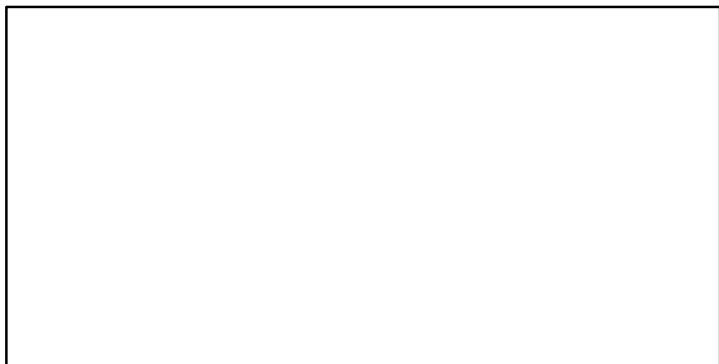
TN \*



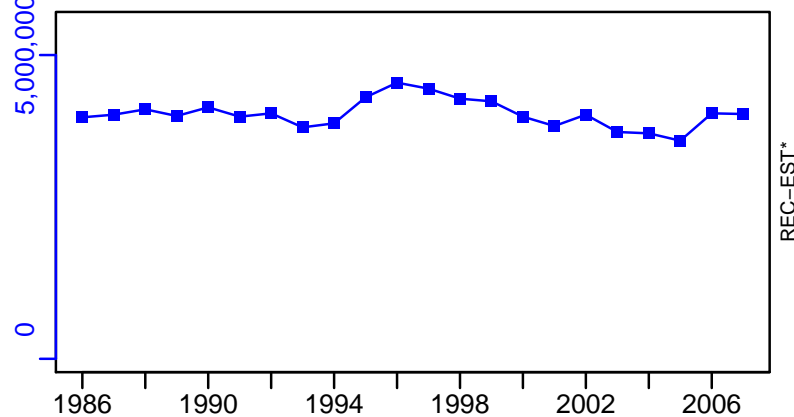
F-1/yr (1966-2016-ICESIMP2016)



ER\*



R-E00 (1966-2016-ICESIMP2016)

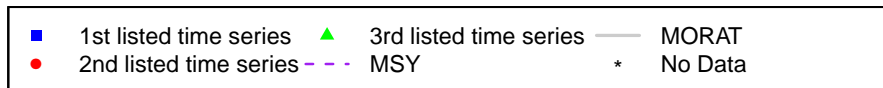
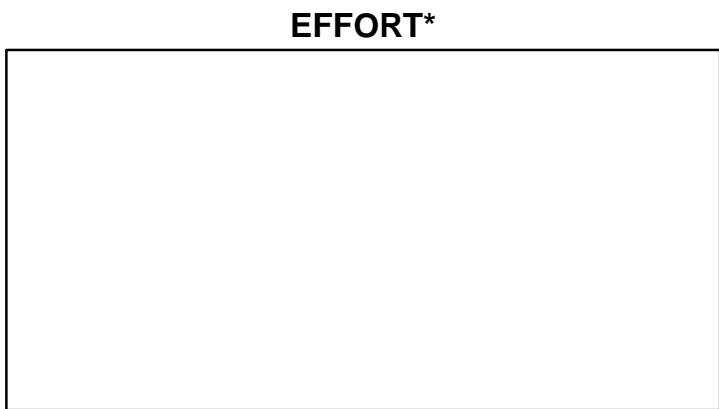
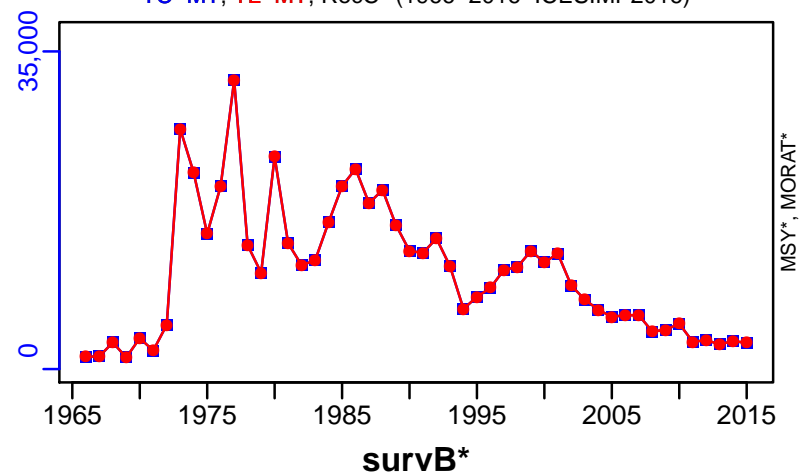




# Blue ling Vb-VI-VII [BLINGVb-VI-VII]

TC-MT, TL-MT, RecC\* (1966-2016-ICESIMP2016)

TAC\*, Cpair\*, Cadv\*

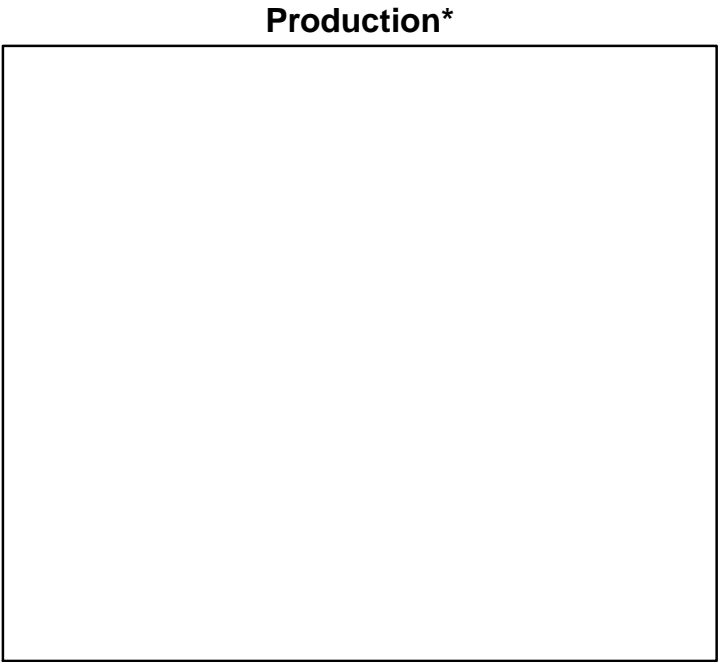
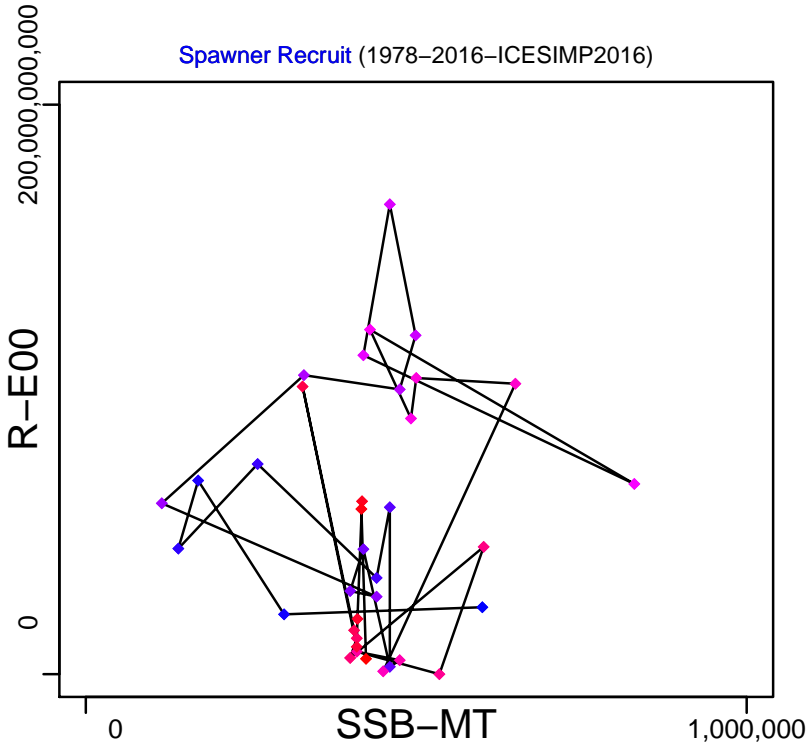
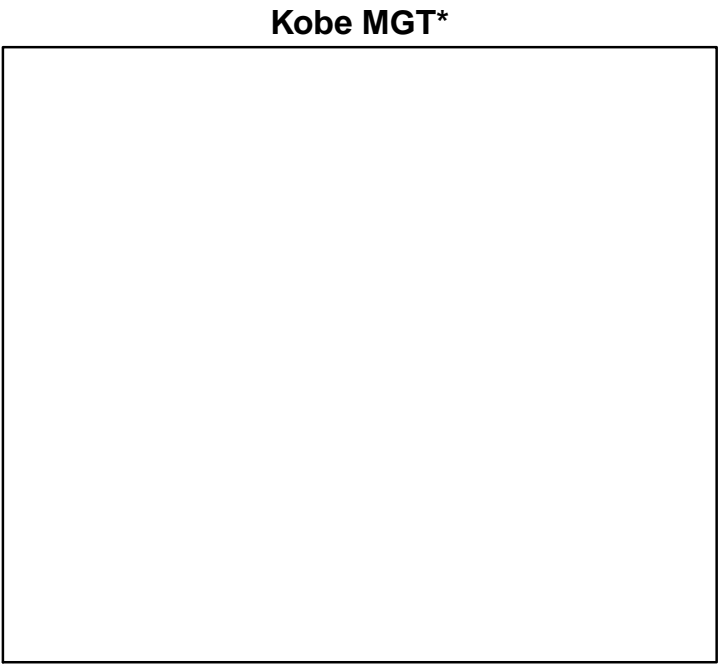
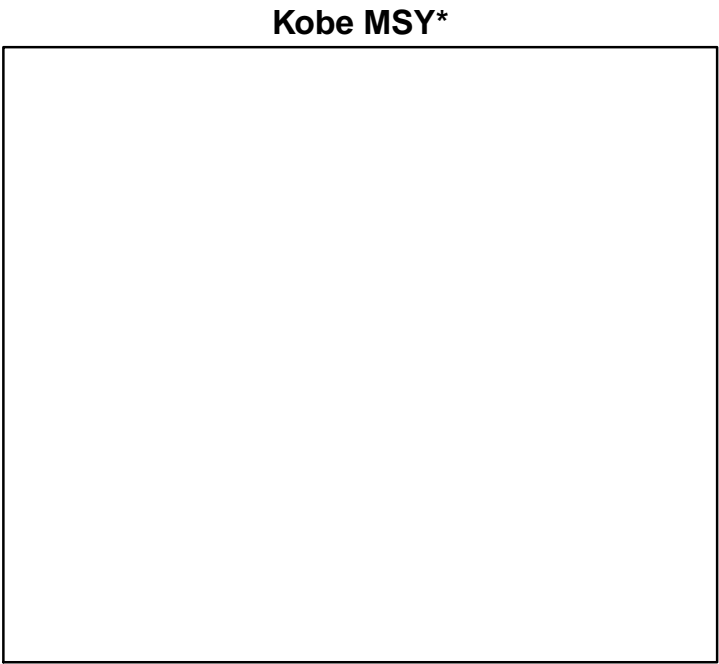


## Capelin Ila-V-XIV [CAPEIla-V-XIV]

Metadata	
<b>Scientific Name</b>	Mallotus villosus
<b>Current Assess ID</b>	NWWG-CAPEIla-V-XIV-1978-2016-ICESIMP2016
<b>Area</b>	Ila-V-XIV
<b>Management Authority</b>	International Council for the Exploration of the Sea
<b>Assessor</b>	North-Western Working Group
<b>Asmts in RAM</b>	2010, 2014, 2016, 2015

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	$5.4 \times 10^9$	-	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	-	-	-		



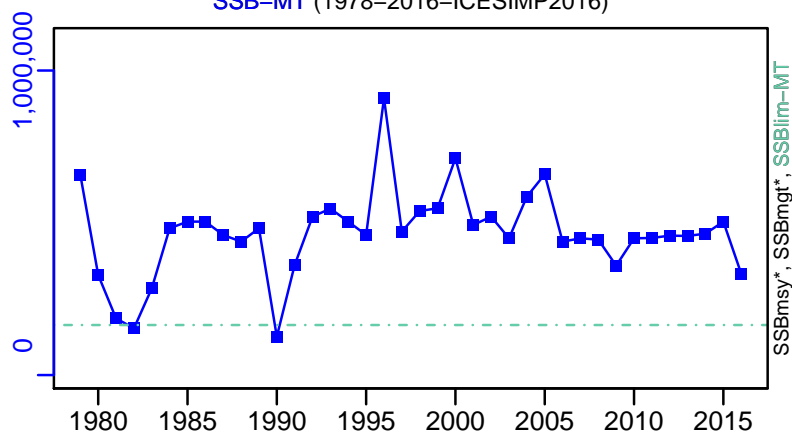
◆ Start Year ◆ End Year \* No Data

# Capelin IIa–V–XIV [CAPEIIa–V–XIV]

TB\*



SSB–MT (1978–2016–ICESIMP2016)



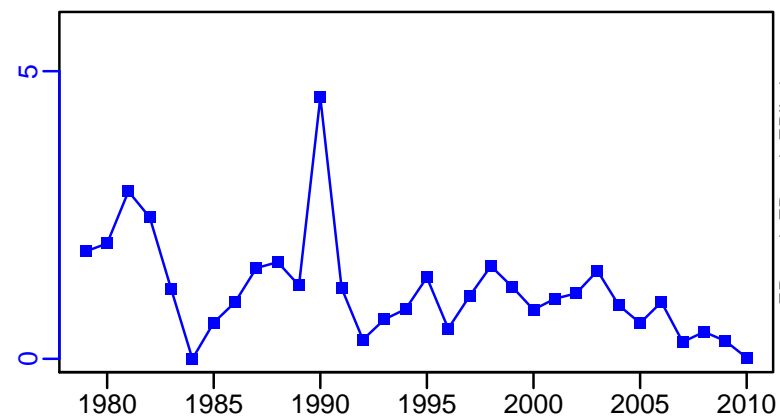
TN \*



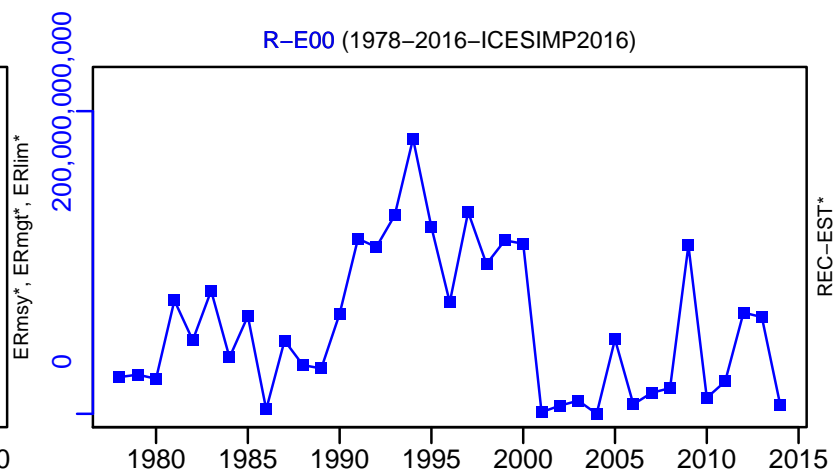
F\*



ER–ratio (1977–2010–NEUBAUER)



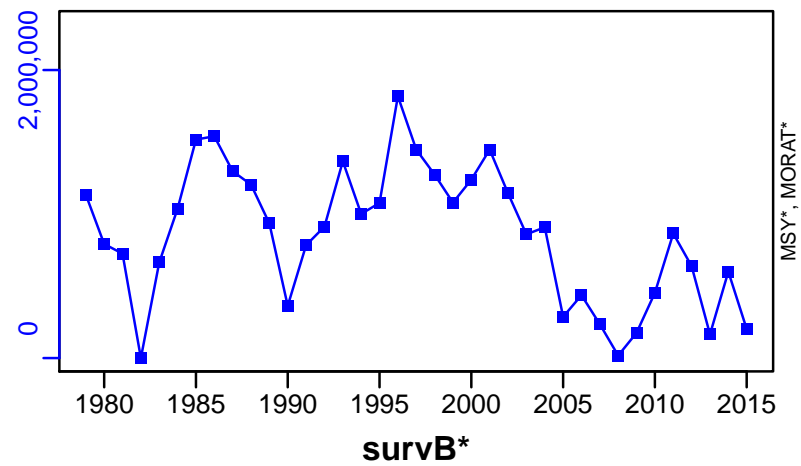
R–E00 (1978–2016–ICESIMP2016)



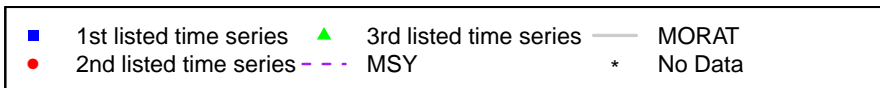
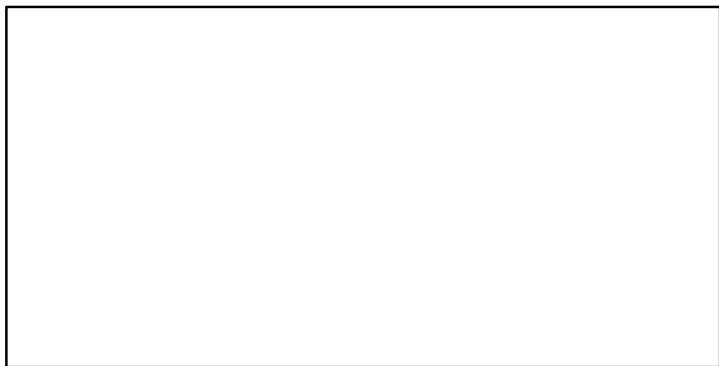
# Capelin IIa-V-XIV [CAPEIIa-V-XIV]

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

TAC\*, Cpair\*, Cadv\*



EFFORT\*



## Capelin Barents Sea [CAPENOR]

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

Reference Points			
Type	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	-	-	-
Fmsy	-	-	-
ERmsy	-	-	-
TBmgt	-	-	-
SSBmgt	-	-	-
Fmgt	-	-	-
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	-	-	-
M	-	-	-
TBlim	-	-	-
SSBlim	SSBlim-MT	2007	$2 \times 10^5$
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	$7.3 \times 10^{10}$	-	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]

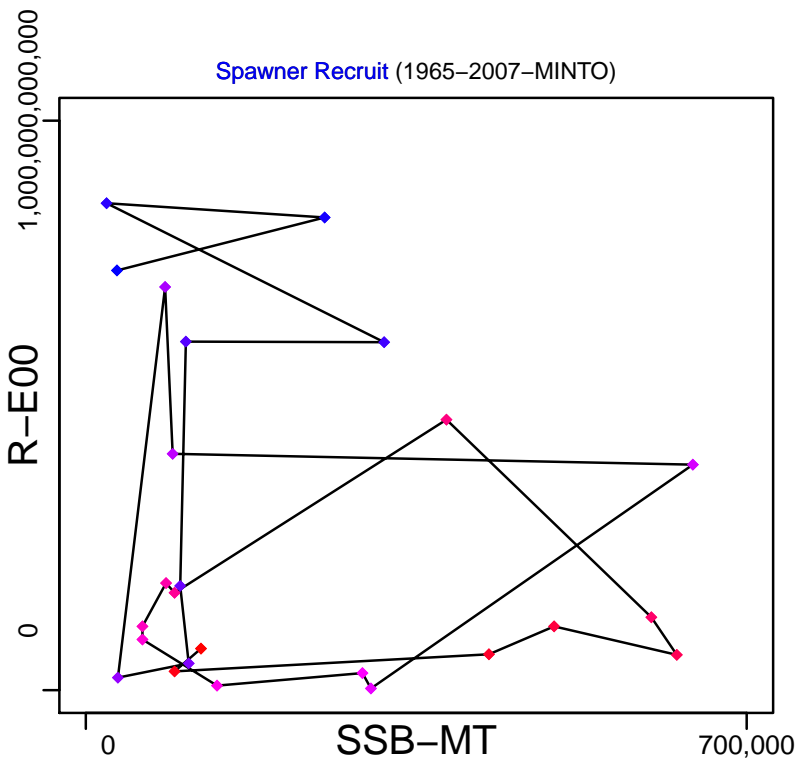
Kobe MSY\*



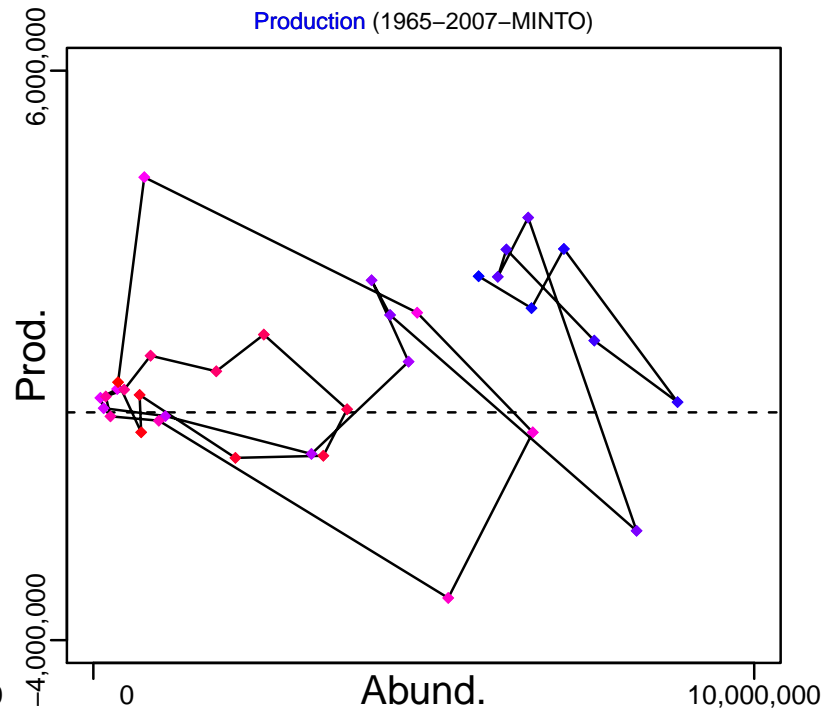
Kobe MGT\*



Spawner Recruit (1965–2007–MINTO)



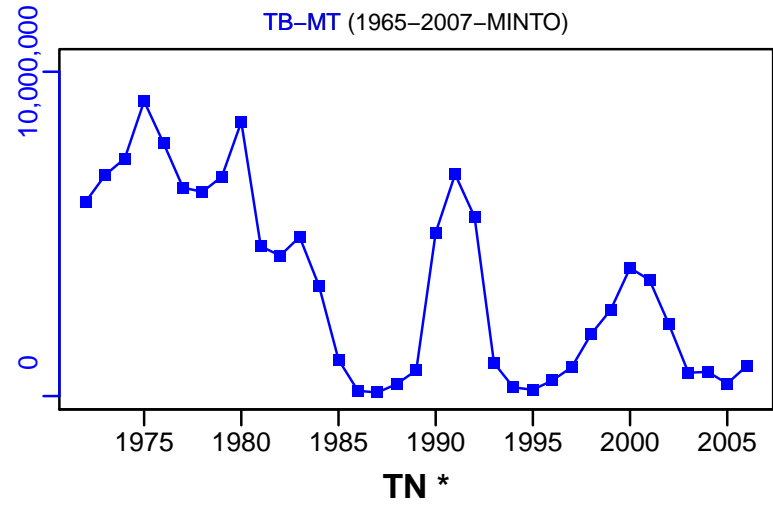
Production (1965–2007–MINTO)



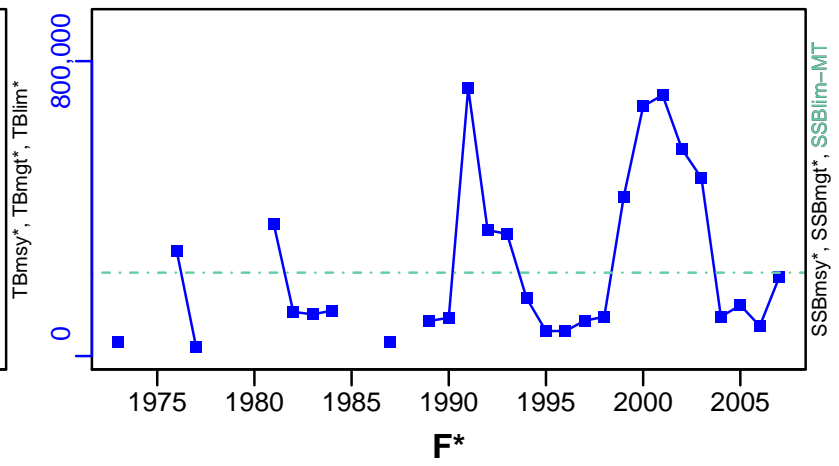
◆ Start Year ◆ End Year \* No Data

# Capelin Barents Sea [CAPENOR]

TB-MT (1965–2007–MINTO)

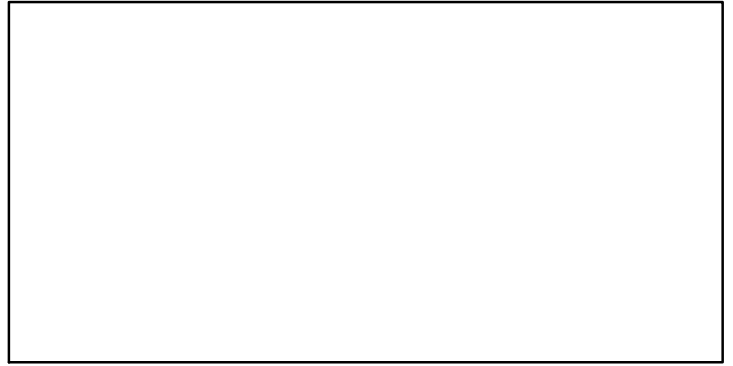
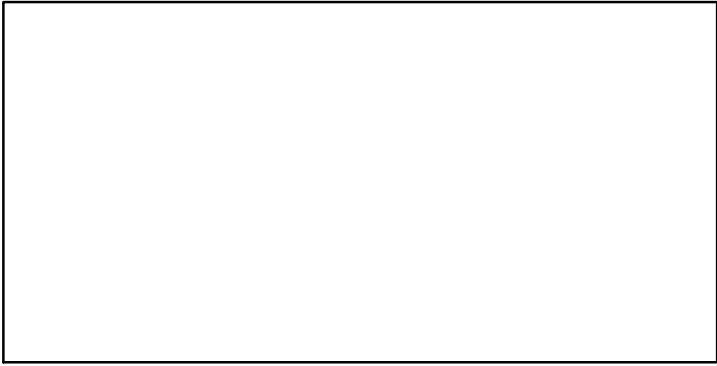


SSB-MT (1965–2007–MINTO)

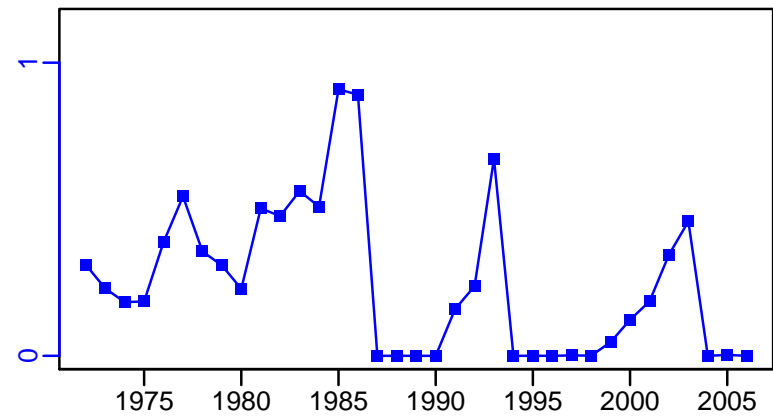


TN \*

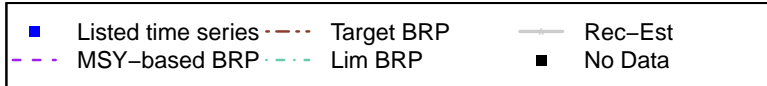
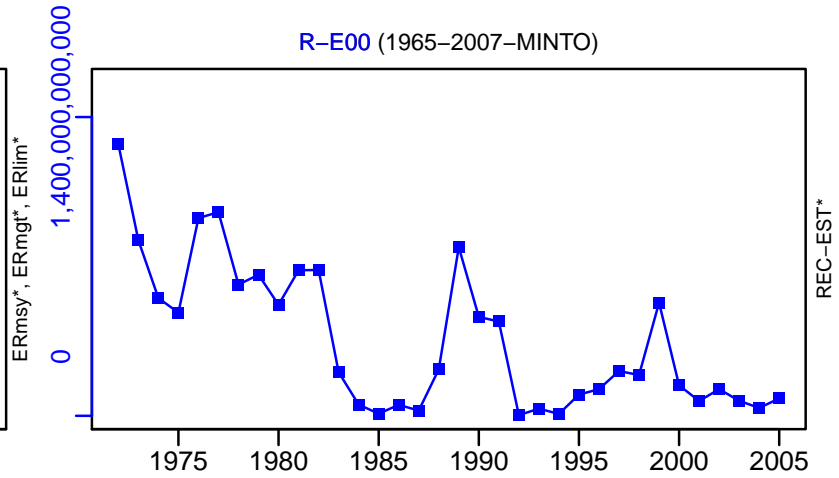
F\*



ER-ratio (1965–2007–MINTO)



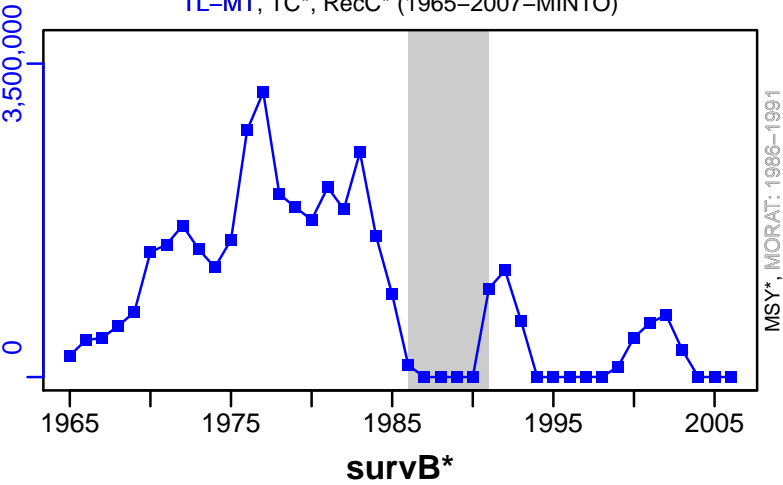
R-E00 (1965–2007–MINTO)





Capelin Barents Sea [CAPENOR]

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



TAC\*, Cpair\*, Cadv\*



CPUE\*



EFFORT\*



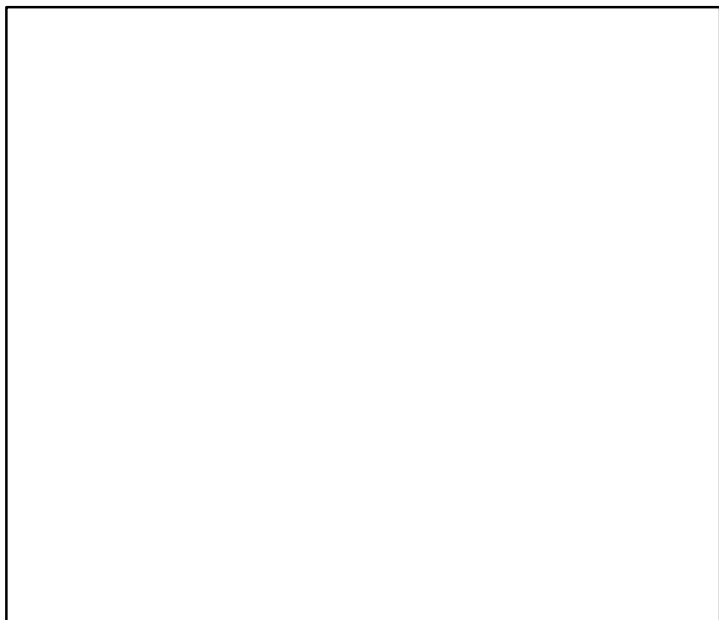
## Atlantic cod NAFO Subarea 1 (inshore) [COD1IN]

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

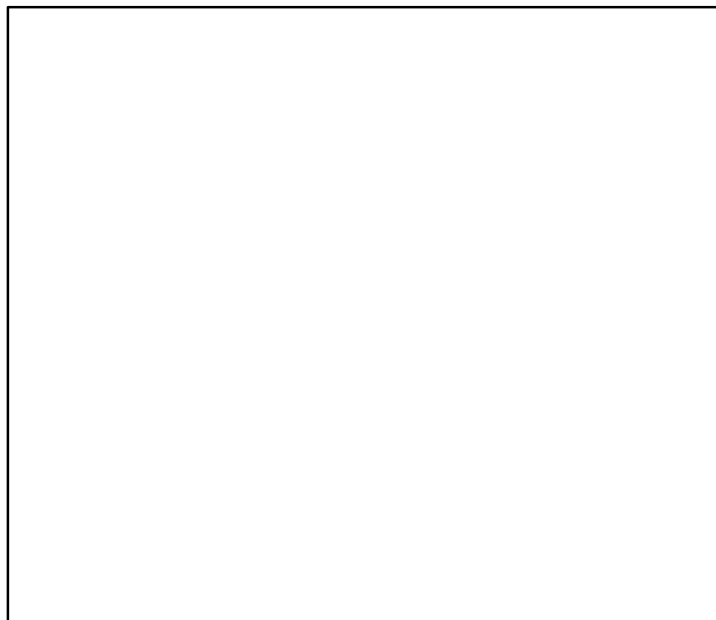
Reference Points			
Type	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	-	-	-
Fmsy	-	-	-
ERmsy	-	-	-
TBmgt	-	-	-
SSBmgt	-	-	-
Fmgt	-	-	-
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	-	-	-
M	-	-	-
TBlim	-	-	-
SSBlim	-	-	-
Flim	-	-	-
ERlim	-	-	-

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 \*



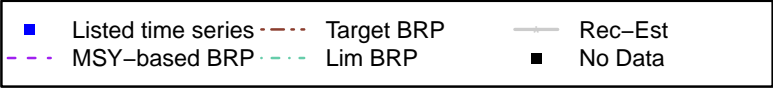
F\*



ER\*



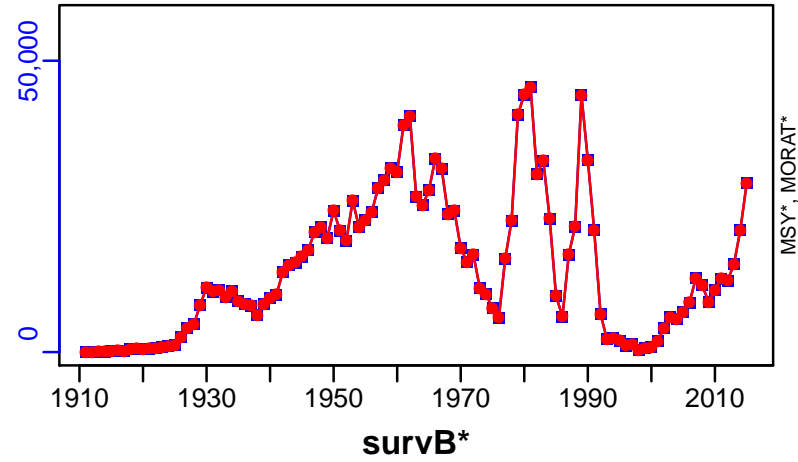
Recruits\*



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

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

TB\*



SSB\*



TN \*



F\*



ER\*



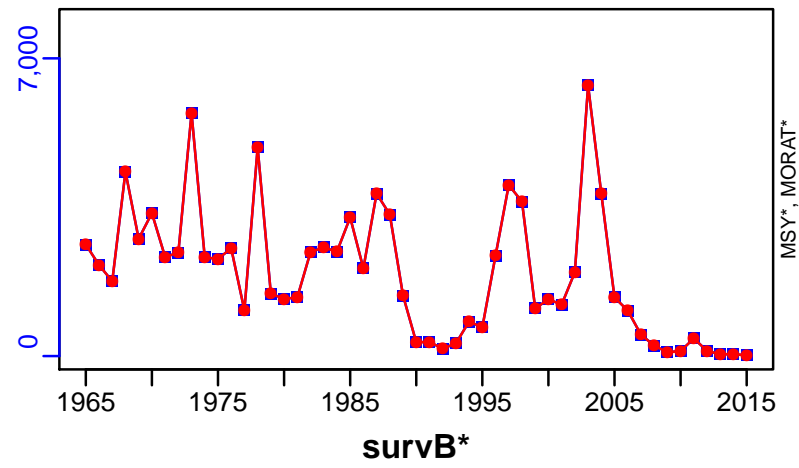
Recruits\*





# Atlantic cod Faroe Bank [CODFABNK]

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



TAC\*, Cpair\*, Cadv\*



CPUE\*



EFFORT\*



## Atlantic cod Faroe Plateau [CODFAPL]

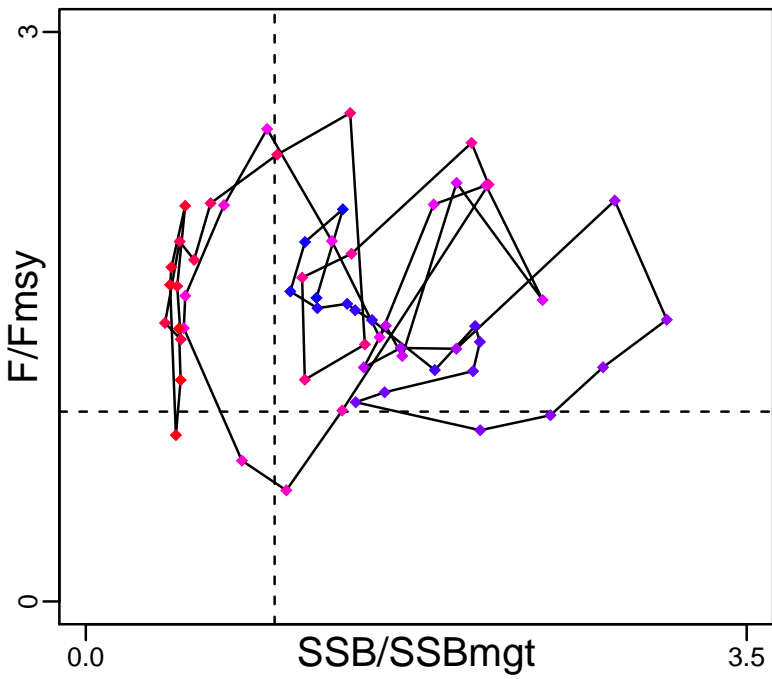
Metadata	
<b>Scientific Name</b>	Gadus morhua
<b>Current Assess ID</b>	NWWG-CODFAPL-1957-2016-ICESIMP2016
<b>Area</b>	Faroe Plateau
<b>Management Authority</b>	International Council for the Exploration of the Sea
<b>Assessor</b>	North-Western Working Group
<b>Asmts in RAM</b>	2015, 2016, 2012, 2013,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

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

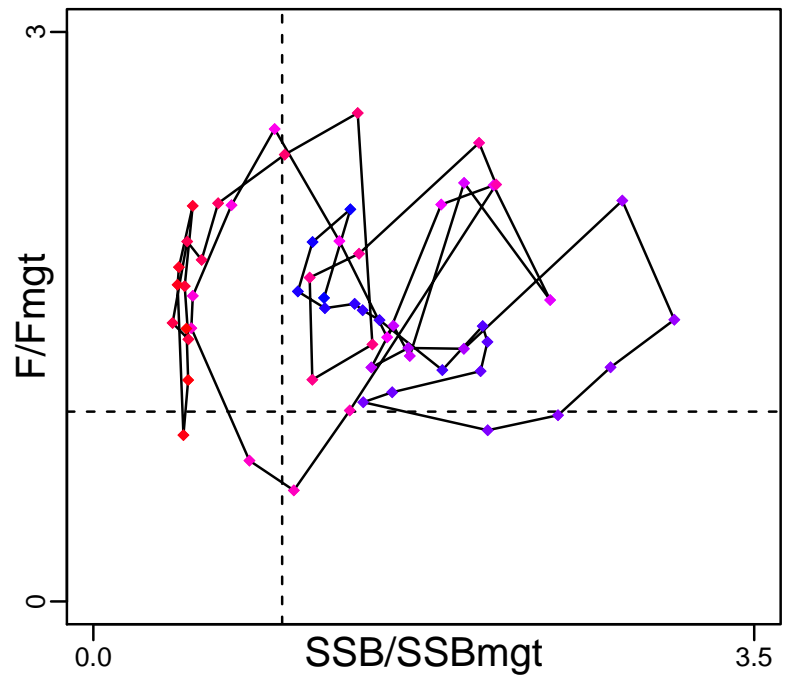
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
<b>TB</b>	TB-MT	2016	28,500	Both	-
<b>SSB</b>	SSB-MT	2016	22,400	Both	-
<b>TN</b>	-	-	-	-	-
<b>R</b>	R-E00	2016	3,370,000	-	2
<b>F</b>	F-1/yr	2016	0.46	-	3 to 7
<b>ER</b>	ER-calc-ratio	2016	0.259	-	-
<b>TC</b>	TC-MT	2016	7390		
<b>TL</b>	TL-MT	2016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

# Atlantic cod Faroe Plateau [CODFAPL]

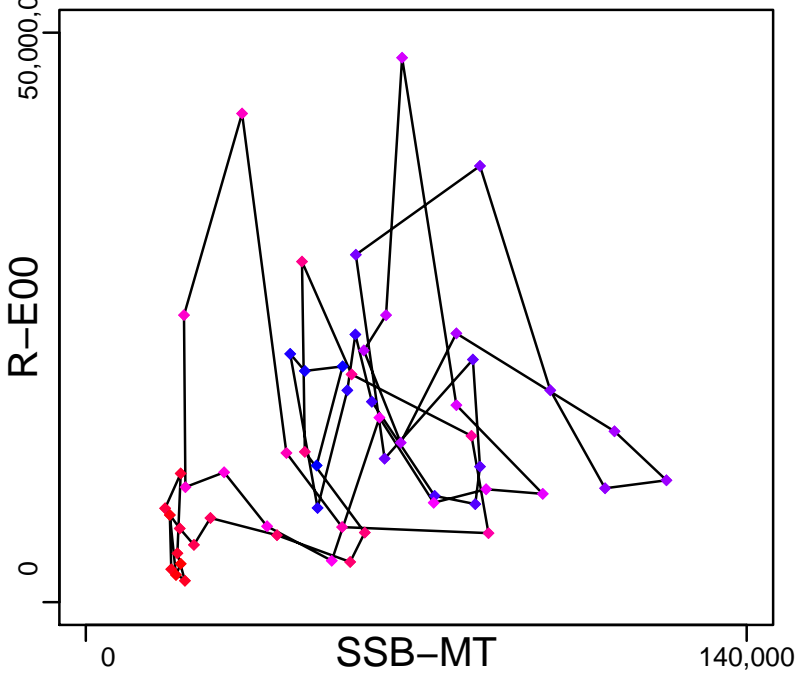
Kobe MSYpref (1957–2016–ICESIMP2016)



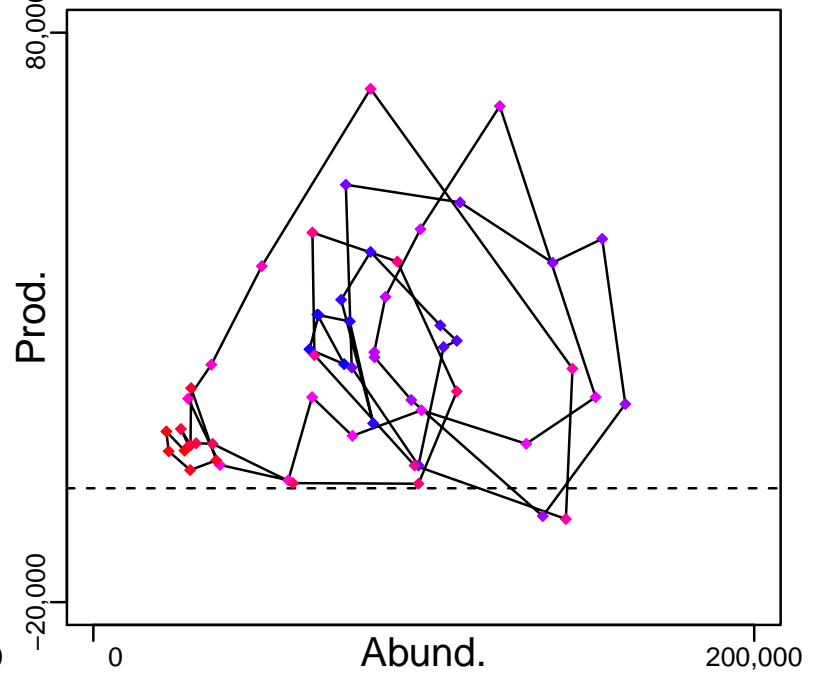
Kobe MGTpref (1957–2016–ICESIMP2016)



Spawner Recruit (1957–2016–ICESIMP2016)



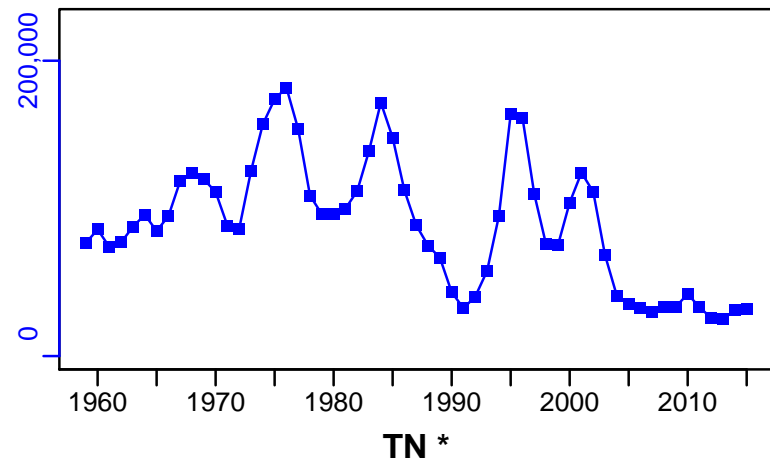
Production (1957–2016–ICESIMP2016)



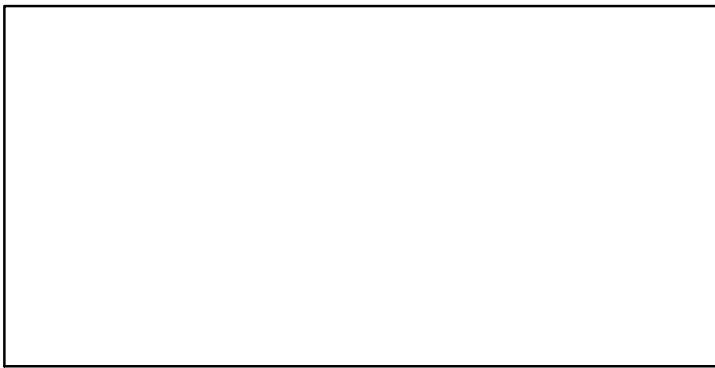
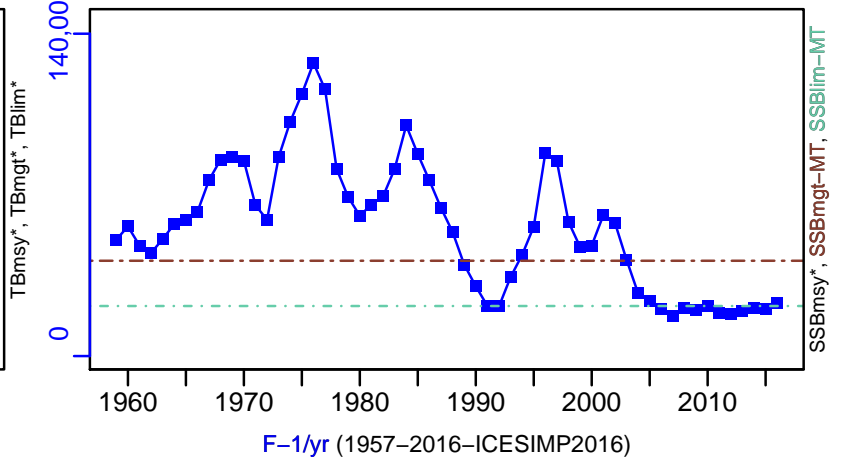
◆ Start Year ◆ End Year \* No Data

# Atlantic cod Faroe Plateau [CODFAPL]

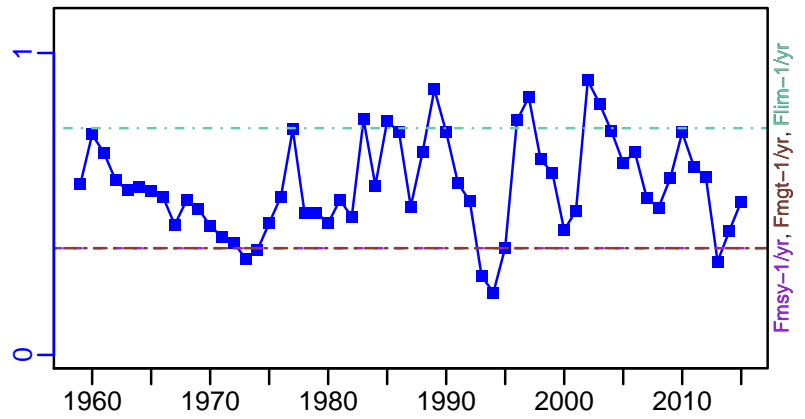
TB-MT (1957–2016–ICESIMP2016)



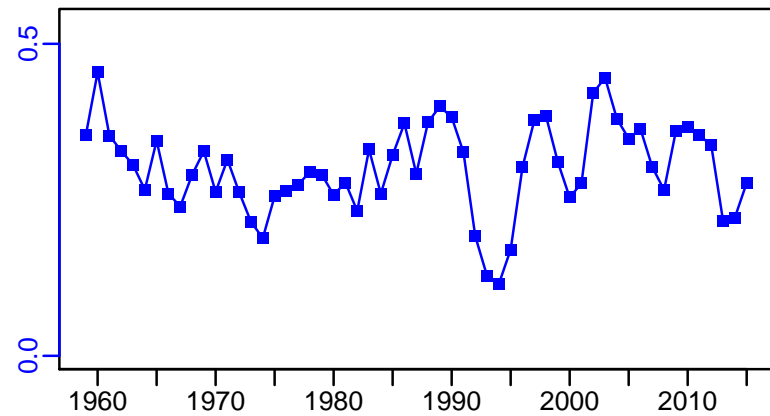
SSB-MT (1957–2016–ICESIMP2016)



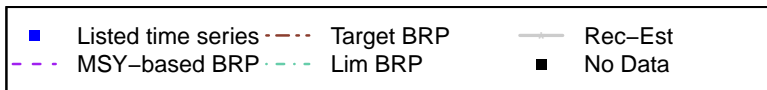
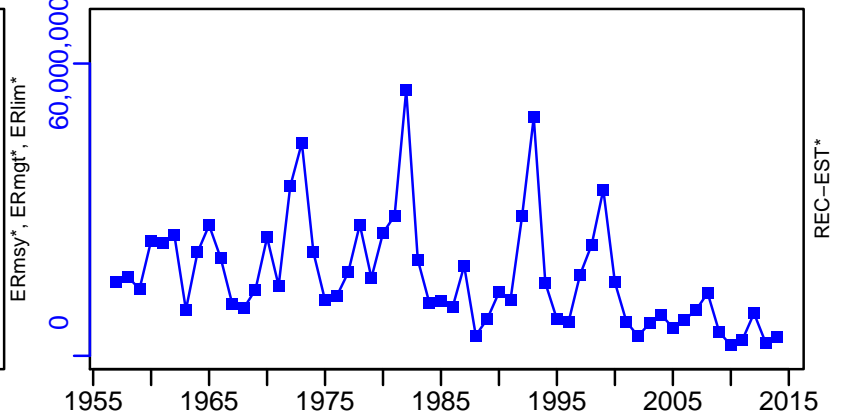
F-1/yr (1957–2016–ICESIMP2016)



ER-calc-ratio (1957–2016–ICESIMP2016)

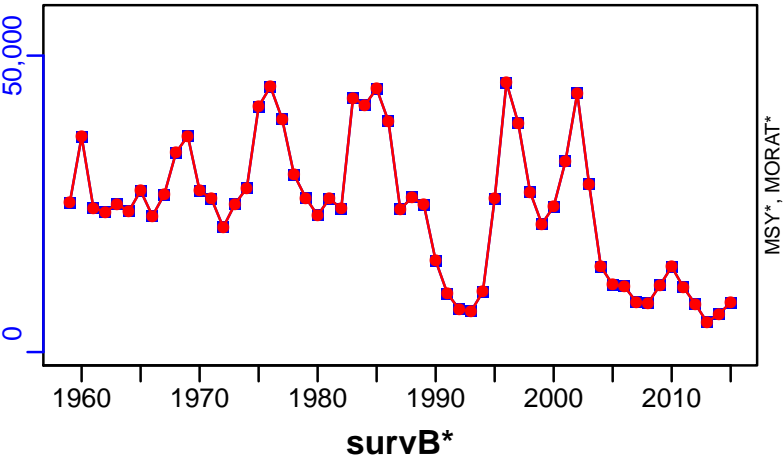


R-E00 (1957–2016–ICESIMP2016)



Atlantic cod Faroe Plateau [CODFAPL]

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



TAC\*, Cpair\*, Cadv\*



CPUE\*



EFFORT\*



## Atlantic cod Iceland [CODICE]

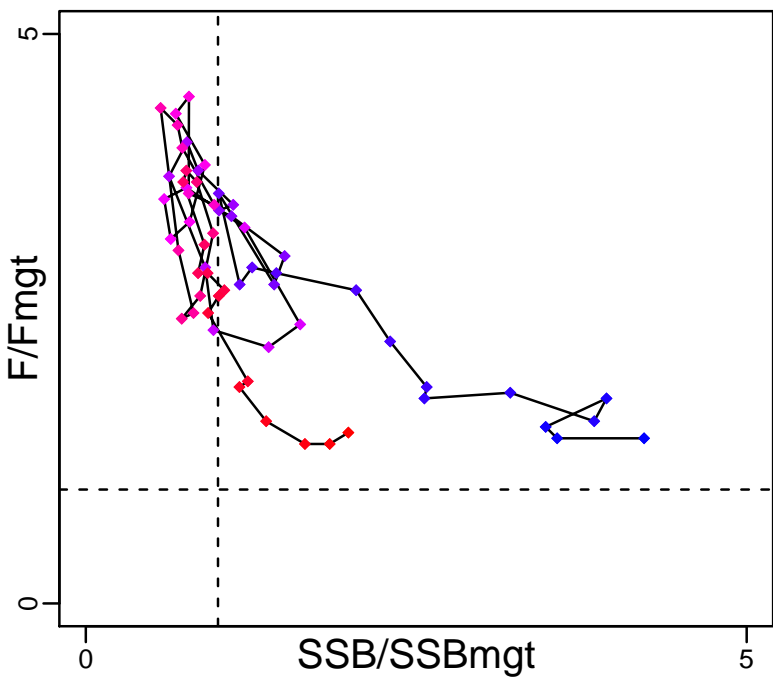
Metadata	
<b>Scientific Name</b>	Gadus morhua
<b>Current Assess ID</b>	NWWG-CODICE-1952-2016-ICESIMP2016
<b>Area</b>	Iceland Grounds
<b>Management Authority</b>	International Council for the Exploration of the Sea
<b>Assessor</b>	North-Western Working Group
<b>Asmts in RAM</b>	2012, 2013, 2014, 2015,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

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

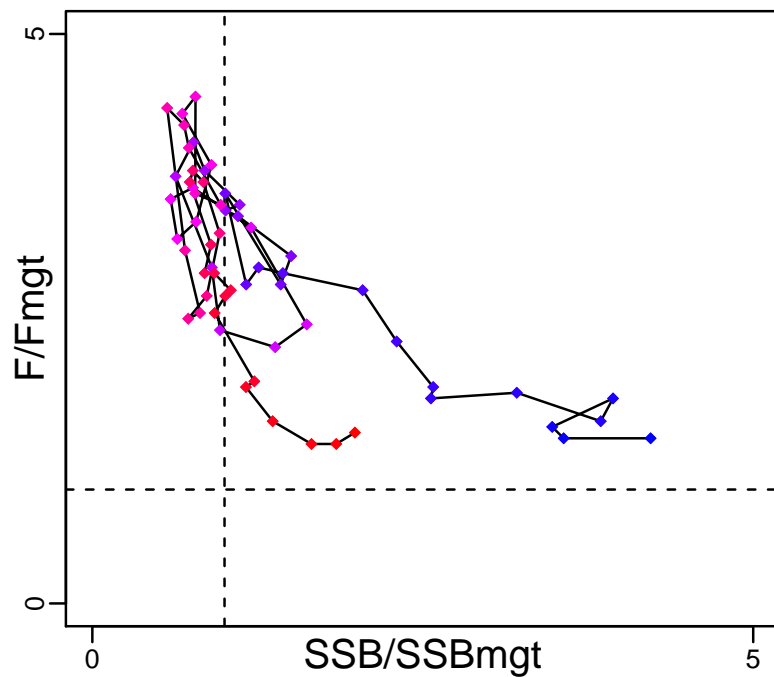
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
<b>TB</b>	TB-MT	2014	1,160,000	Both	-
<b>SSB</b>	SSB-MT	2016	464,000	Both	-
<b>TN</b>	-	-	-	-	-
<b>R</b>	R-E00	2016	$1.17 \times 10^8$	-	3
<b>F</b>	F-1/yr	2016	0.27	-	5 to 10
<b>ER</b>	ER-calc-ratio	2014	0.192	-	-
<b>TC</b>	-	-	-		
<b>TL</b>	TL-MT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

# Atlantic cod Iceland [CODICE]

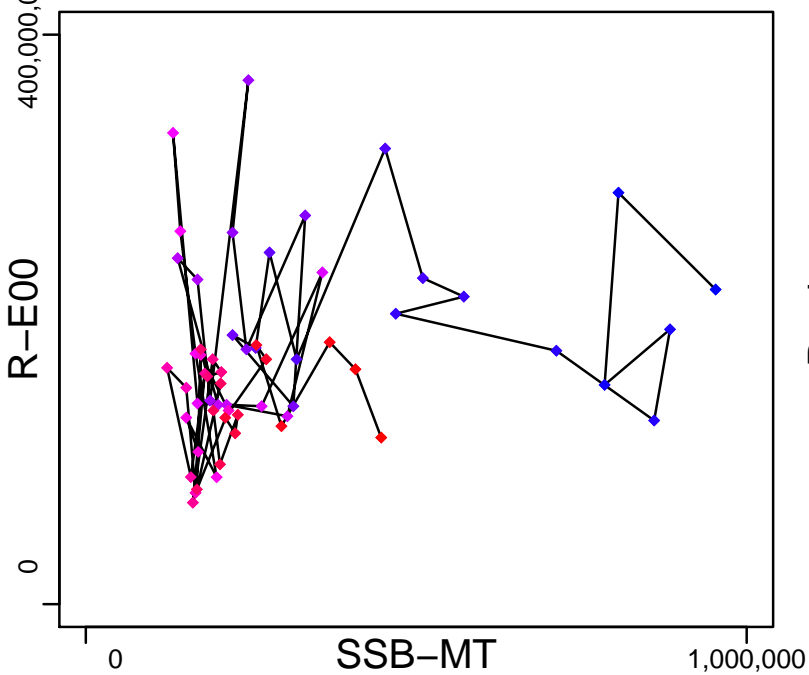
Kobe MSYpref (1952–2014–ICESIMP2016)



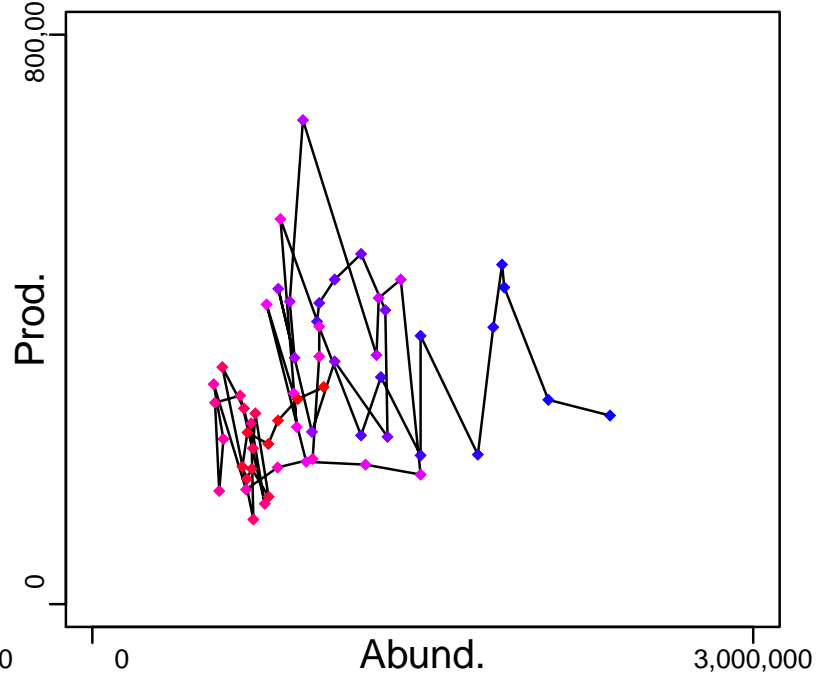
Kobe MGTpref (1952–2014–ICESIMP2016)



Spawner Recruit (1952–2016–ICESIMP2016)



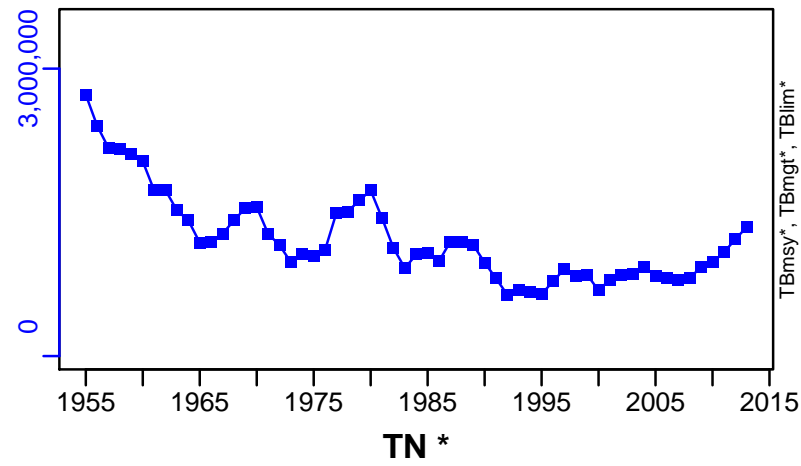
Production (1952–2014–ICESIMP2016)



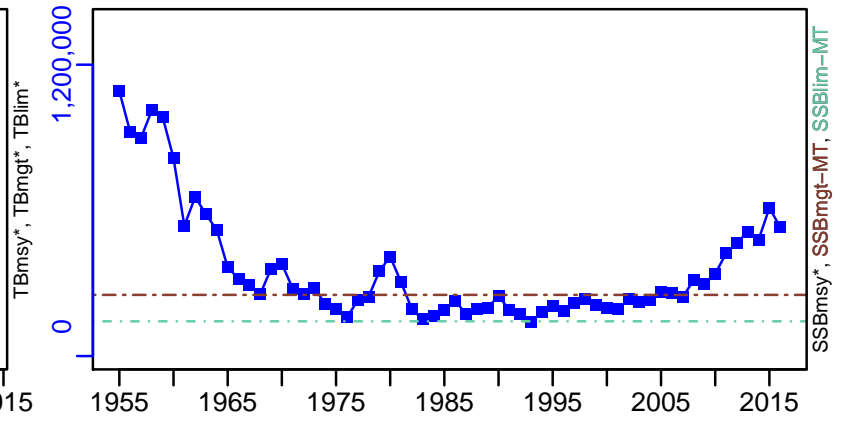
◆ Start Year ◆ End Year \* No Data

# Atlantic cod Iceland [CODICE]

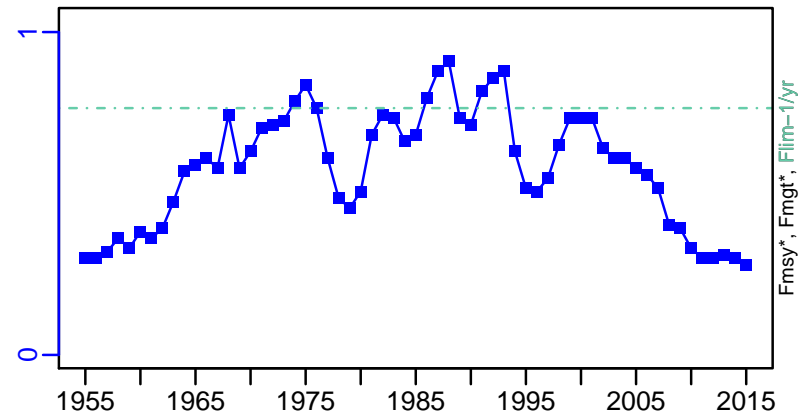
TB-MT (1952–2014–ICESIMP2016)



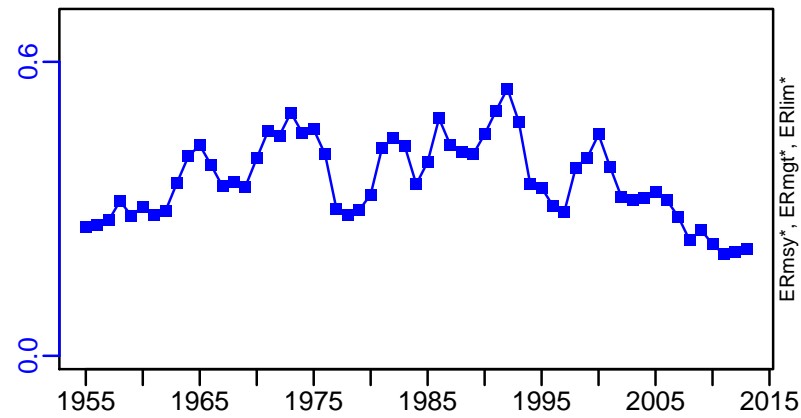
SSB-MT (1952–2016–ICESIMP2016)



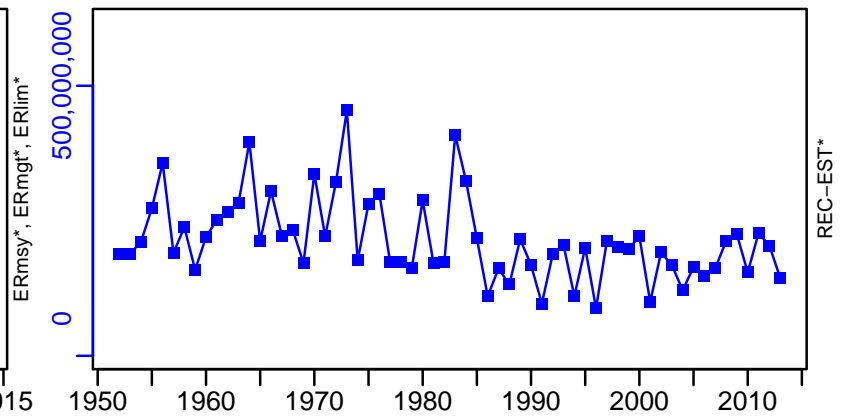
F-1/yr (1952–2016–ICESIMP2016)



ER-calc-ratio (1952–2014–ICESIMP2016)



R-E00 (1952–2016–ICESIMP2016)

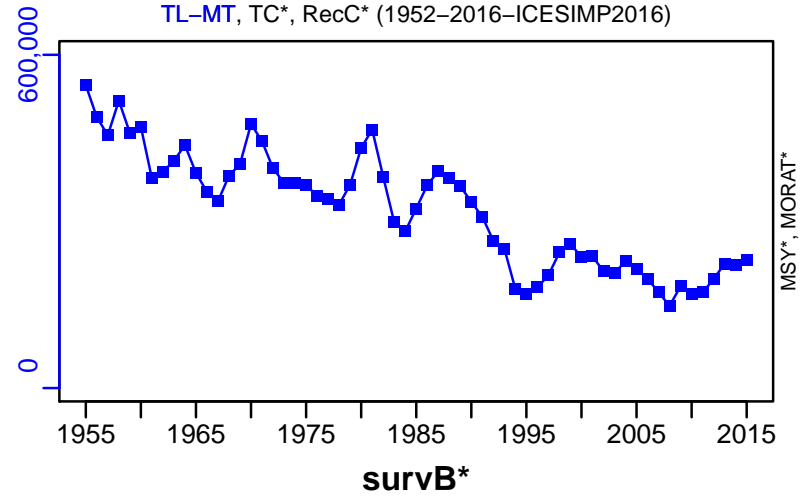




# Atlantic cod Iceland [CODICE]

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

TAC\*, Cpair\*, Cadv\*



EFFORT\*



## Atlantic cod Northeast Arctic [CODNEAR]

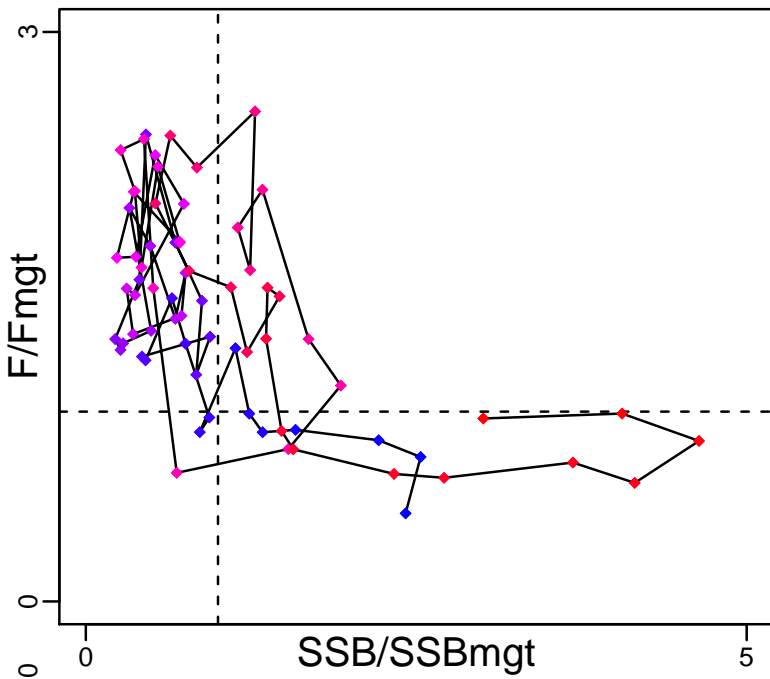
Metadata	
<b>Scientific Name</b>	Gadus morhua
<b>Current Assess ID</b>	AFWG-CODNEAR-1943-2016-ICESIMP2016
<b>Area</b>	North-East Arctic
<b>Management Authority</b>	International Council for the Exploration of the Sea
<b>Assessor</b>	Arctic Fisheries Working Group
<b>Asmts in RAM</b>	2013, 2014, 2015,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

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

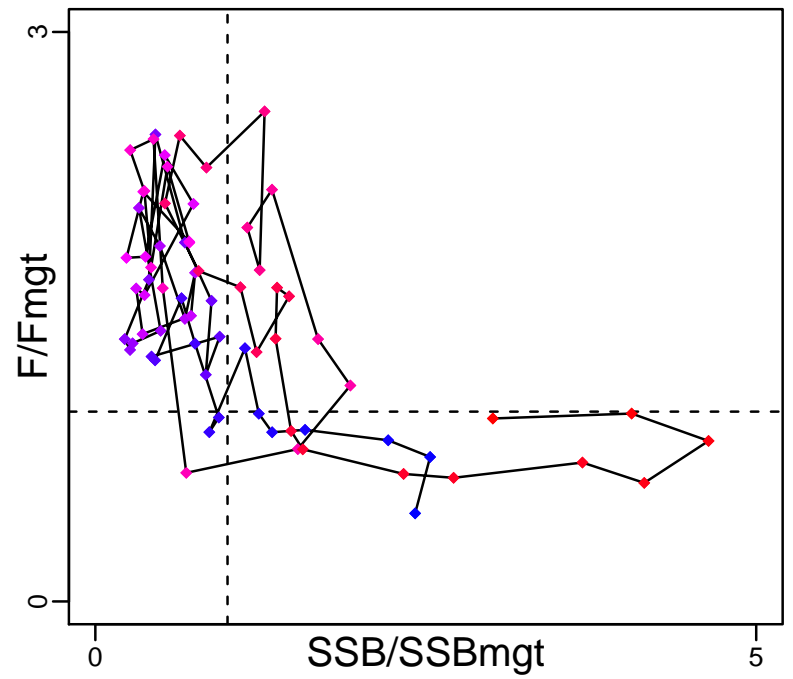
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
<b>TB</b>	TB-MT	2016	3,210,000	Both	-
<b>SSB</b>	SSB-MT	2016	1,070,000	Both	-
<b>TN</b>	-	-	-	-	-
<b>R</b>	R-E00	2016	$7.66 \times 10^8$	-	3
<b>F</b>	F-1/yr	2016	0.386	-	5 to 10
<b>ER</b>	ER-calc-ratio	2016	0.27	-	-
<b>TC</b>	-	-	-		
<b>TL</b>	TL-MT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

# Atlantic cod Northeast Arctic [CODNEAR]

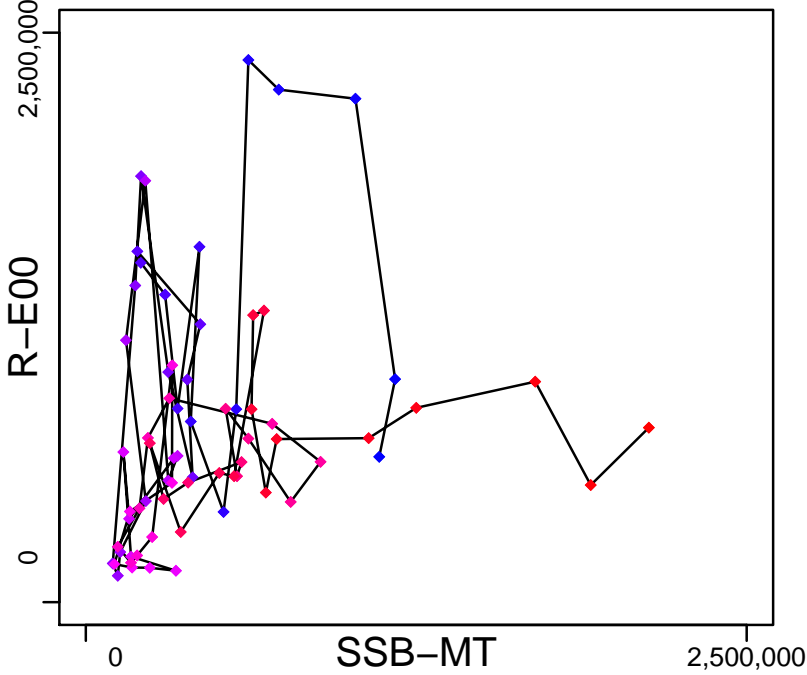
Kobe MSYpref (1943–2016–ICESIMP2016)



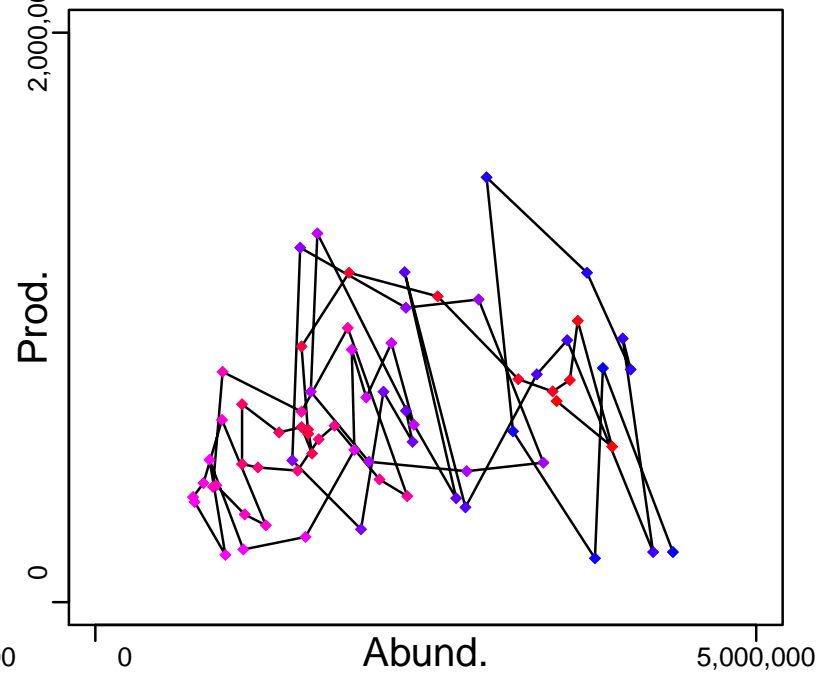
Kobe MGTpref (1943–2016–ICESIMP2016)



Spawner Recruit (1943–2016–ICESIMP2016)

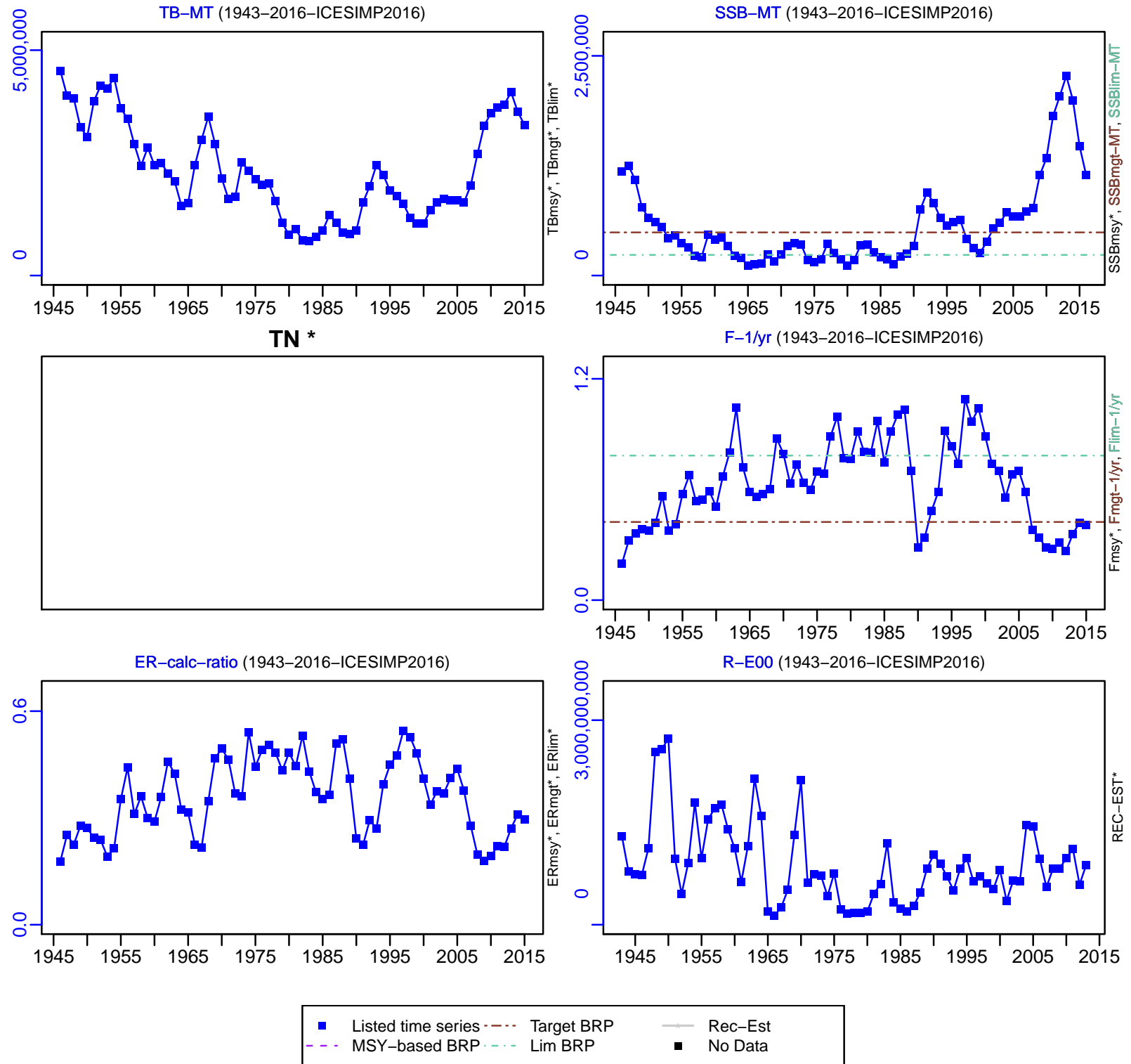


Production (1943–2016–ICESIMP2016)



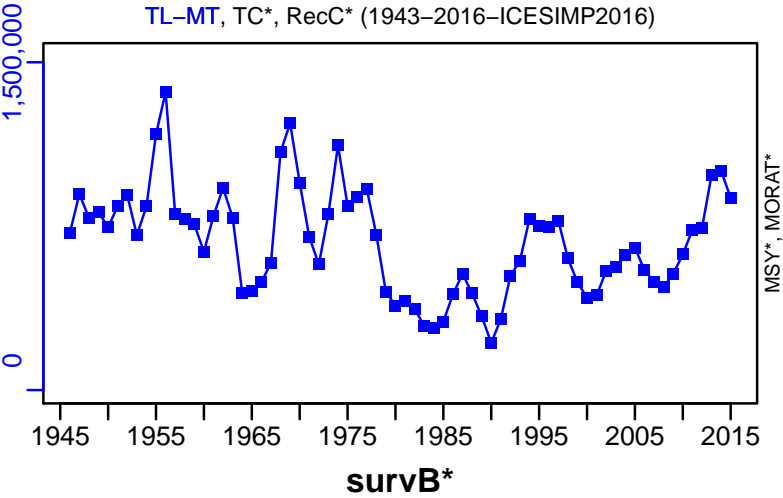
◆ Start Year ◆ End Year \* No Data

# Atlantic cod Northeast Arctic [CODNEAR]

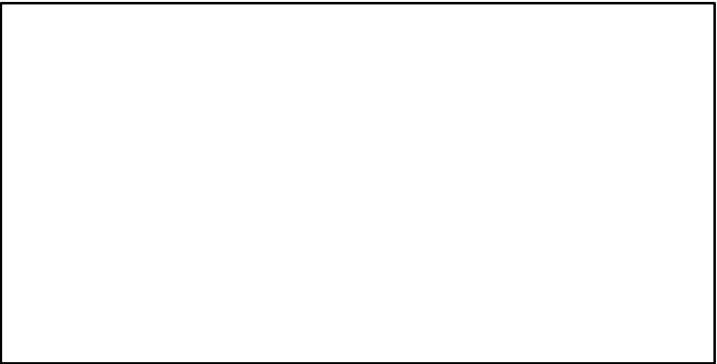


Atlantic cod Northeast Arctic [CODNEAR]

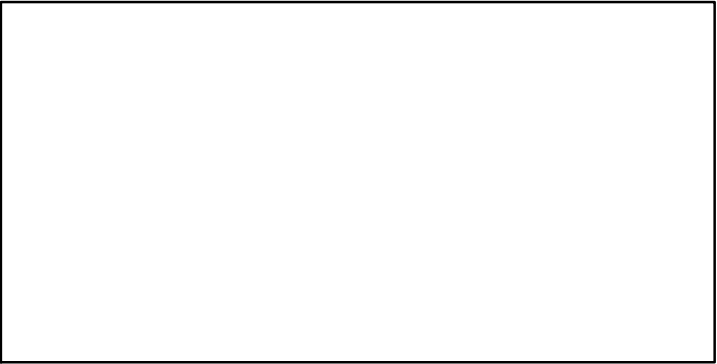
TL-MT, TC\*, RecC\* (1943-2016-ICESIMP2016)



TAC\*, Cpair\*, Cadv\*



CPUE\*



EFFORT\*



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

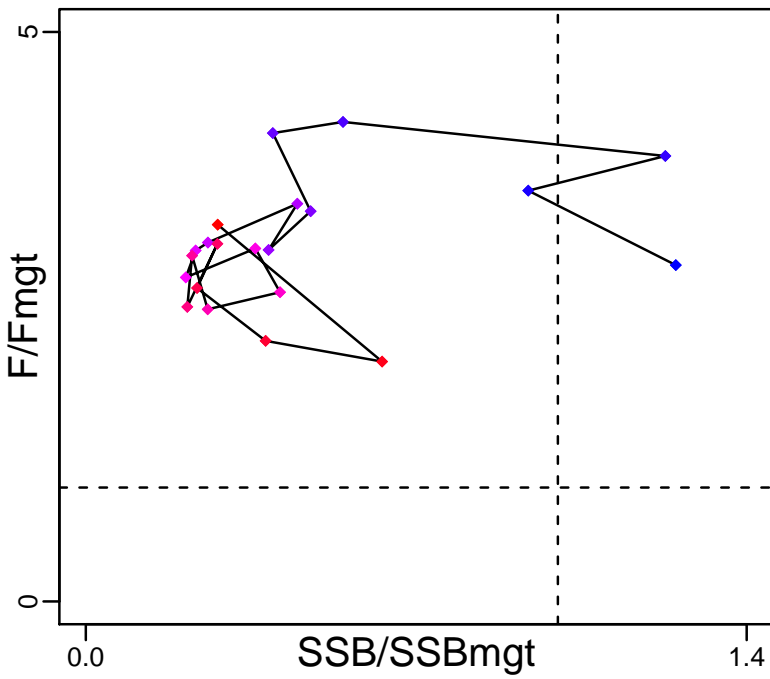
Metadata	
<b>Scientific Name</b>	Gadus morhua
<b>Current Assess ID</b>	AFWG-CODNEARNCW-1982-2016-ICESIMP2016
<b>Area</b>	North-East Arctic (Norwegian coastal waters)
<b>Management Authority</b>	International Council for the Exploration of the Sea
<b>Assessor</b>	Arctic Fisheries Working Group
<b>Asmts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

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

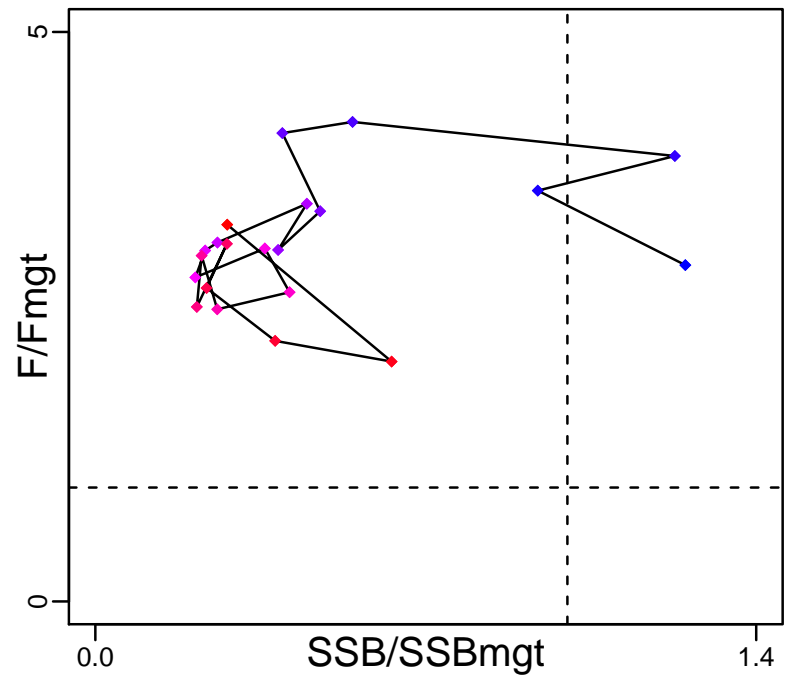
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
<b>TB</b>	-	-	-	-	-
<b>SSB</b>	SSB-MT	2016	16,800	Both	-
<b>TN</b>	-	-	-	-	-
<b>R</b>	R-relative	2016	0.918	-	2
<b>F</b>	F-1/yr	2016	0.331	-	4 to 7
<b>ER</b>	-	-	-	-	-
<b>TC</b>	TC-MT	2016	39,500		
<b>TL</b>	TL-MT	2016	39,500		
<b>TB/TBmsy</b>	-	-	-		
<b>SSB/SSBmsy</b>	-	-	-		
<b>F/Fmsy</b>	-	-	-		
<b>ER/ERmsy</b>	-	-	-		
<b>TB/TBmgt</b>	-	-	-		
<b>SSB/SSBmgt</b>	SSB-MT/SSBmgt-MT	2016	0.279		
<b>F/Fmgt</b>	F-1/yr/Fmgt-1/yr	2016	3.308		
<b>ER/ERmgt</b>	-	-	-		

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

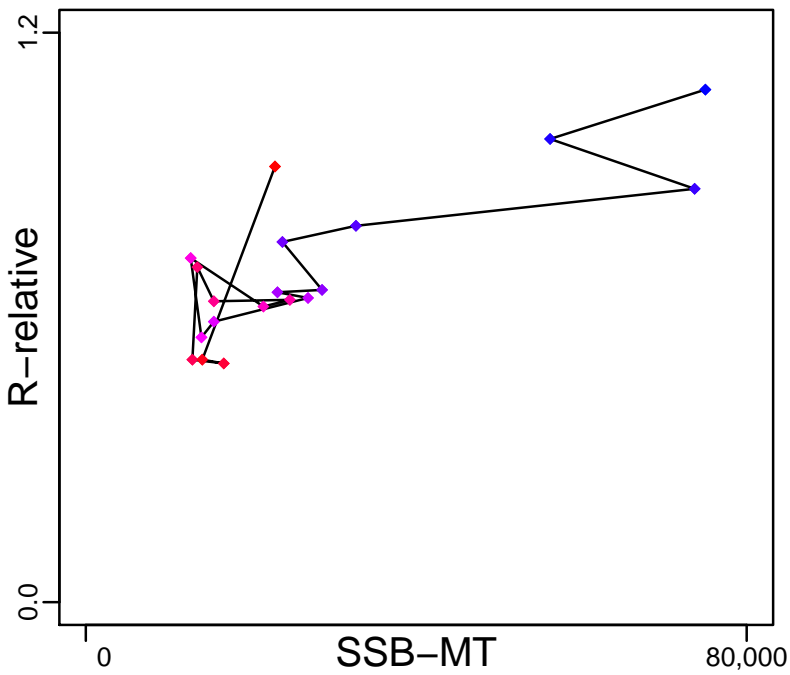
Kobe MSYpref (1982–2016–ICESIMP2016)



Kobe MGTpref (1982–2016–ICESIMP2016)



Spawner Recruit (1982–2016–ICESIMP2016)



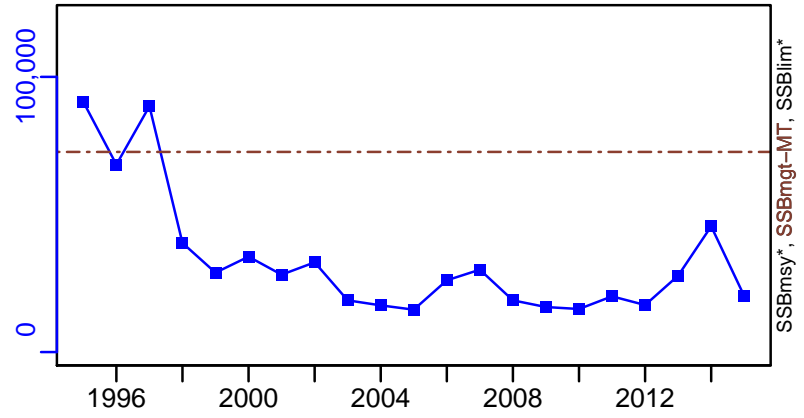
◆ Start Year ◆ End Year \* No Data

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

TB\*



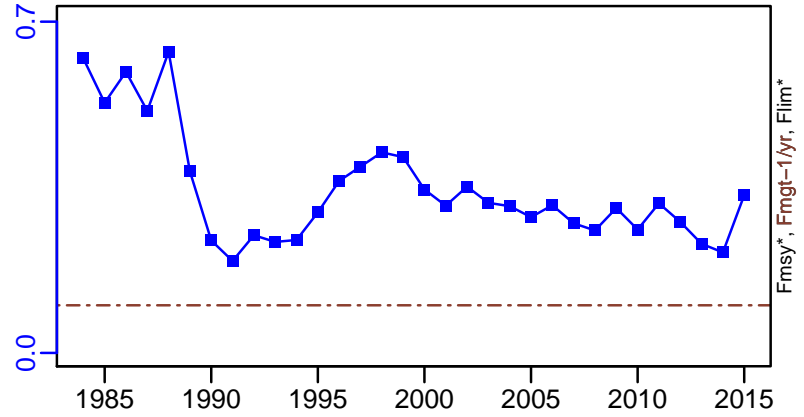
SSB-MT (1982–2016–ICESIMP2016)



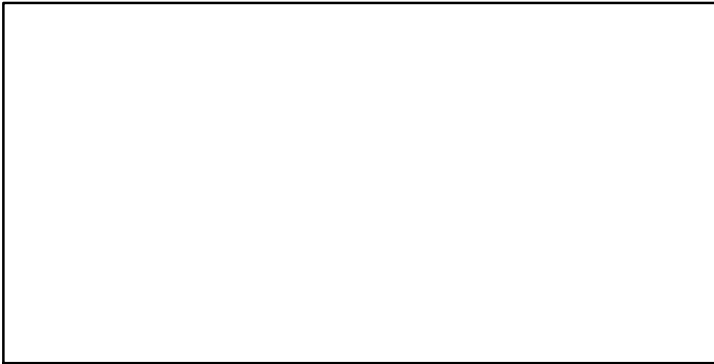
TN \*



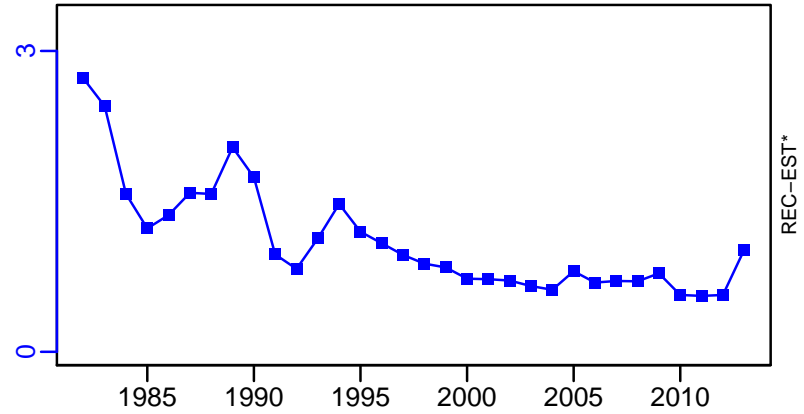
F-1/yr (1982–2016–ICESIMP2016)



ER\*



R-relative (1982–2016–ICESIMP2016)

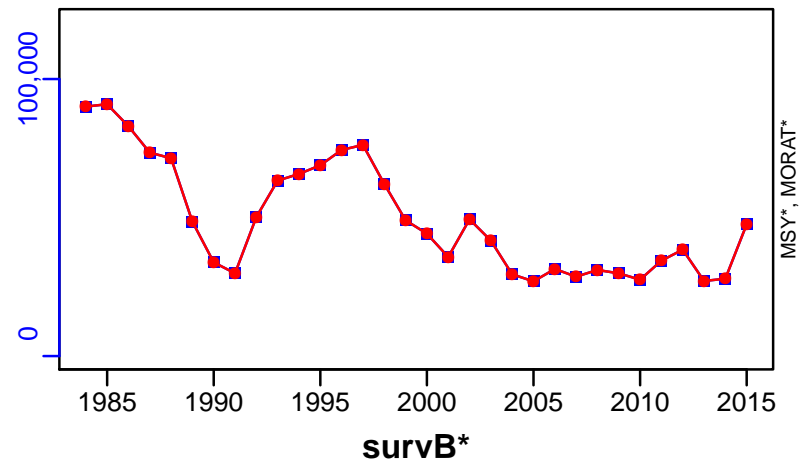




# Atlantic cod Northeast Arctic (Norwegian coastal waters) [CODNEARNCW]

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

TAC\*, Cpair\*, Cadv\*



EFFORT\*



## Greenland halibut Northeast Arctic [GHALNEAR]

Metadata	
<b>Scientific Name</b>	Reinhardtius hippoglossoides
<b>Current Assess ID</b>	AFWG-GHALNEAR-1992-2015-ICESIMP2016
<b>Area</b>	North-East Arctic
<b>Management Authority</b>	International Council for the Exploration of the Sea
<b>Assessor</b>	Arctic Fisheries Working Group
<b>Asmts in RAM</b>	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	$1 \times 10^6$	-	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]

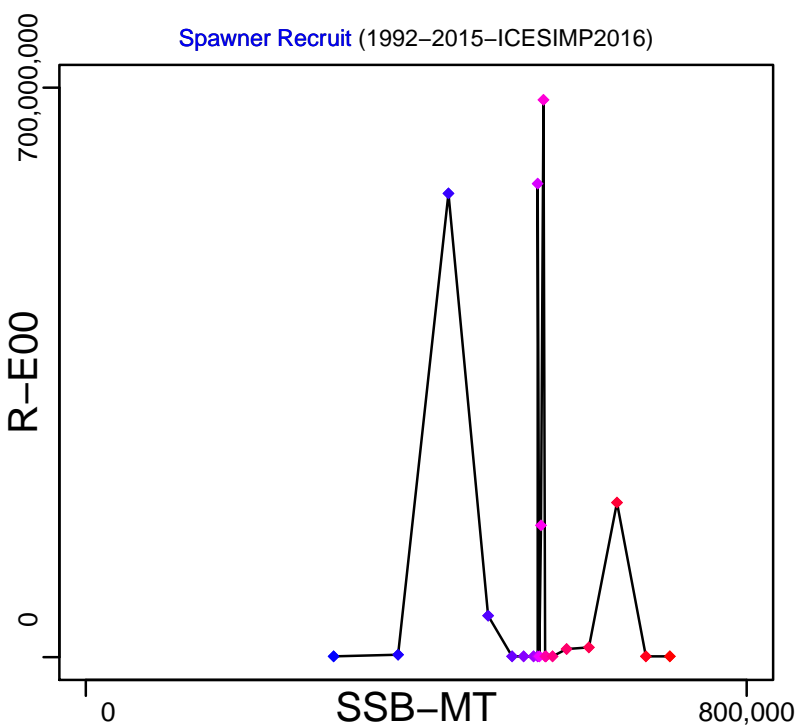
Kobe MSY\*



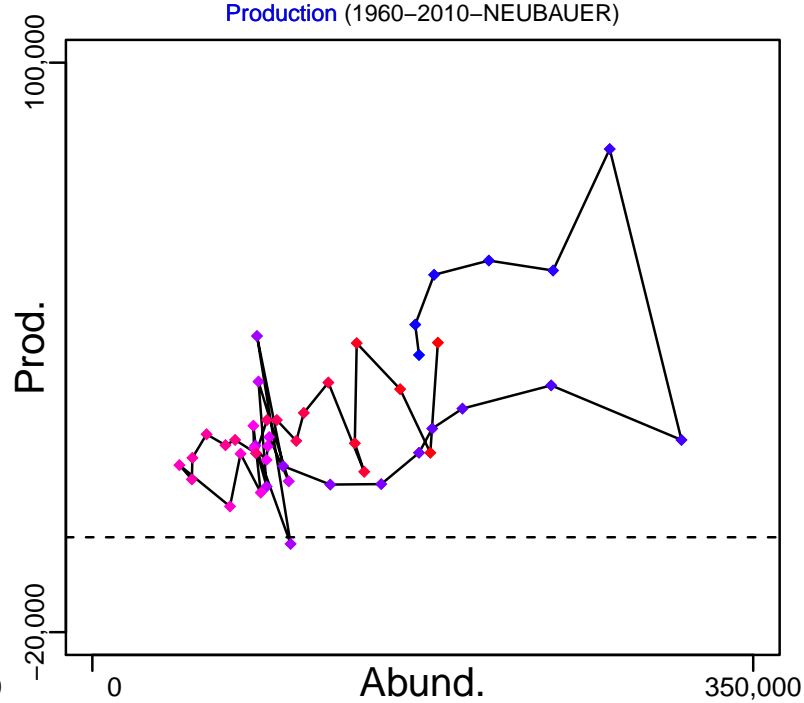
Kobe MGT\*



Spawner Recruit (1992–2015–ICESIMP2016)

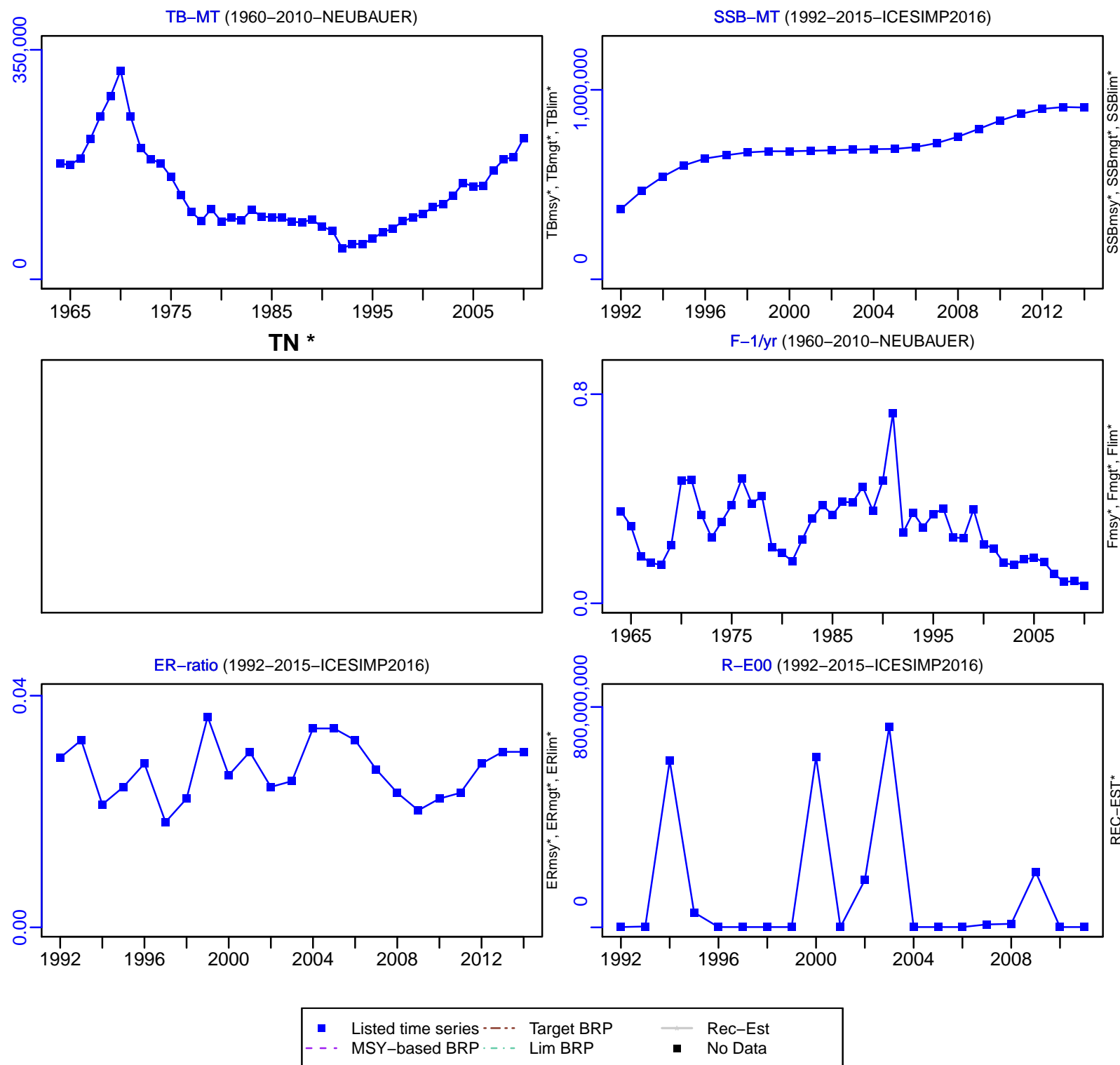


Production (1960–2010–NEUBAUER)



◆ Start Year ◆ End Year \* No Data

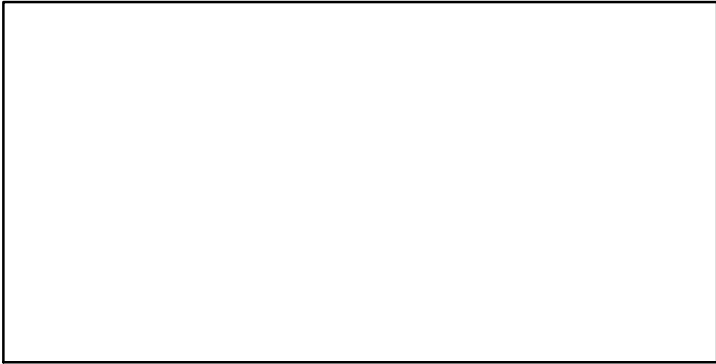
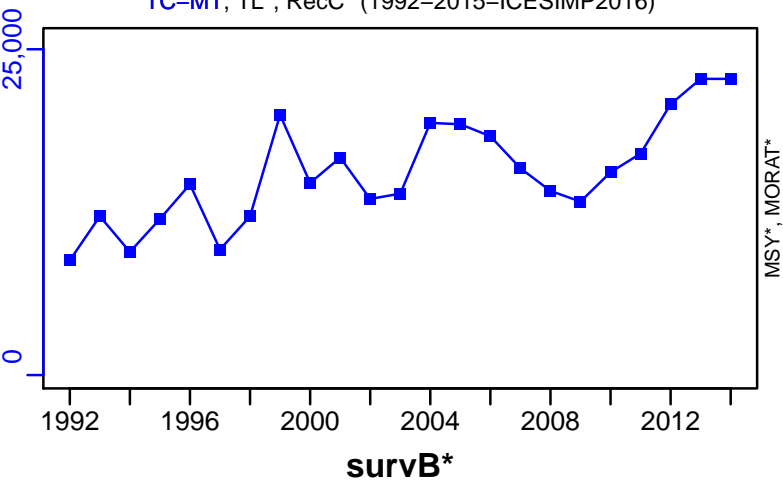
# Greenland halibut Northeast Arctic [GHALNEAR]



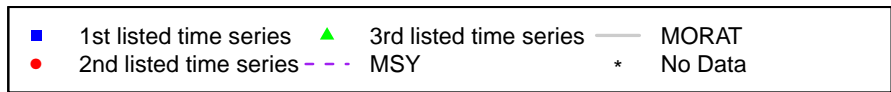
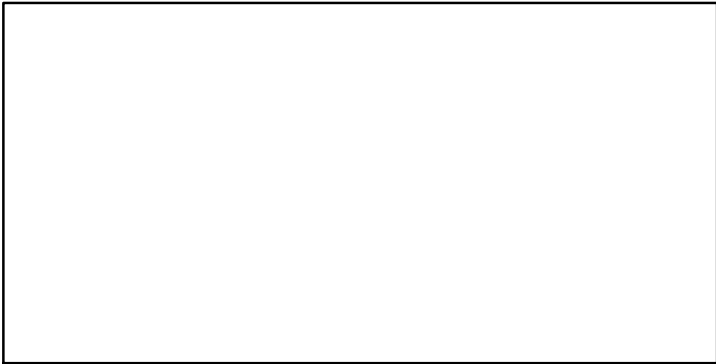
# Greenland halibut Northeast Arctic [GHALNEAR]

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

TAC\*, Cpair\*, Cadv\*



EFFORT\*



## Golden Redfish Northeast Arctic [GOLDREDNEAR]

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

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]

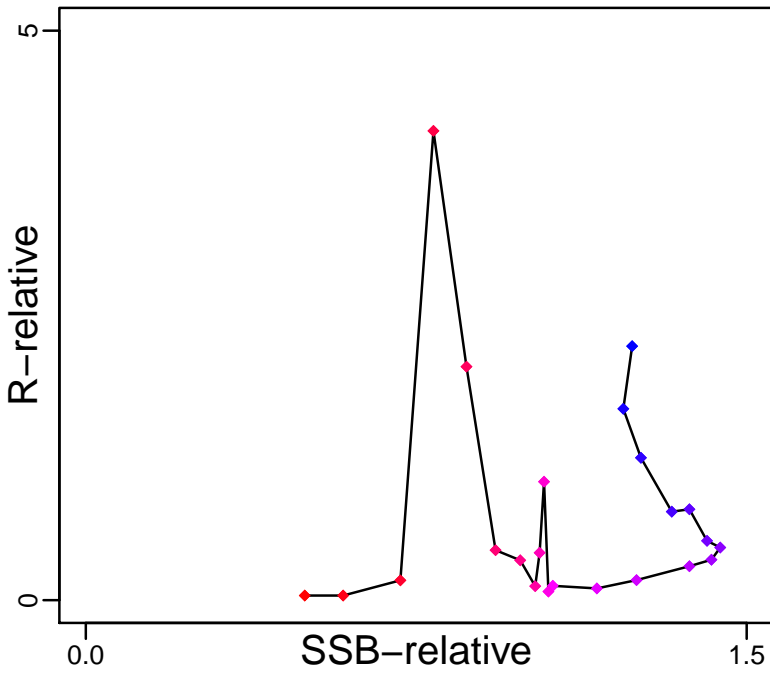
Kobe MSY\*



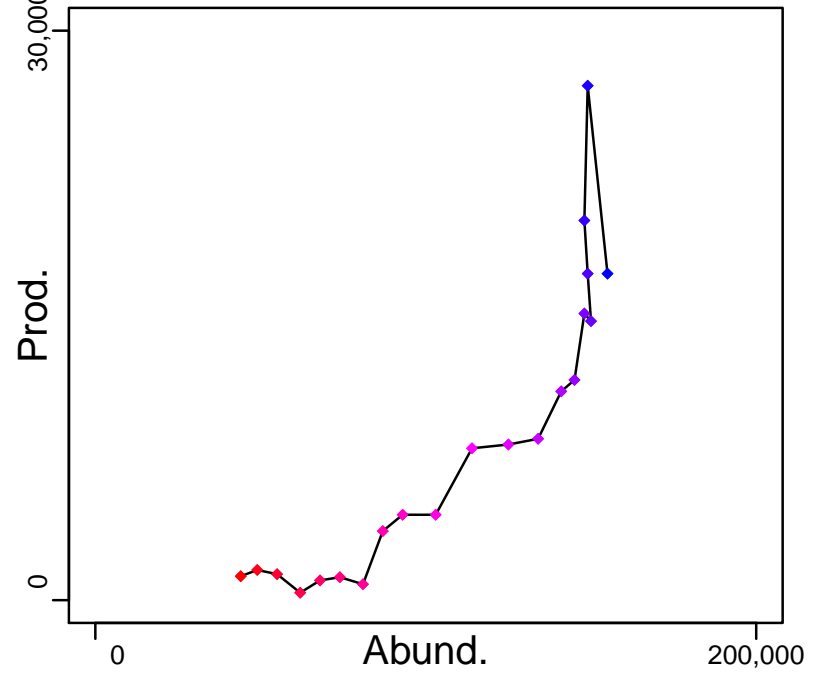
Kobe MGT\*



Spawner Recruit (1908–2016–ICESIMP2016)



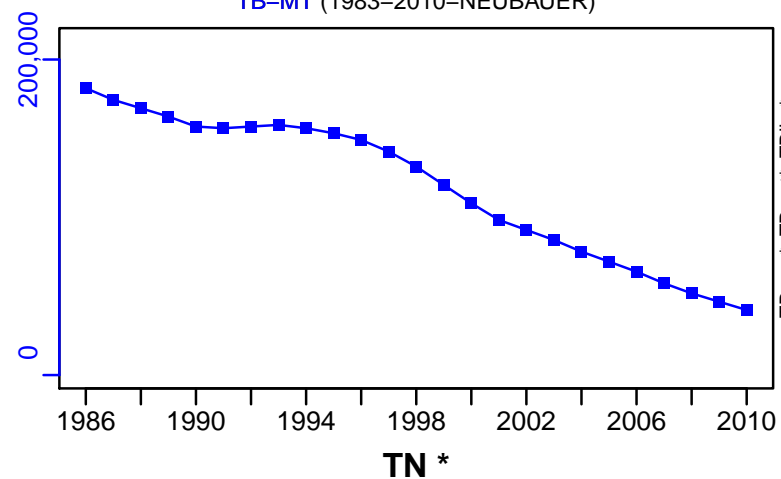
Production (1983–2010–NEUBAUER)



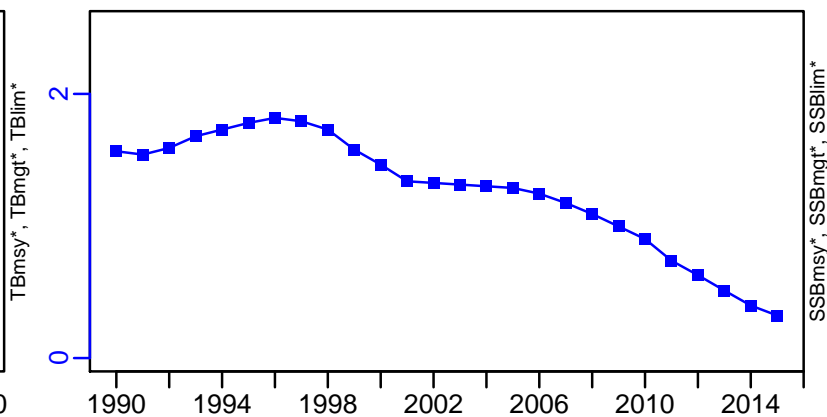
◆ Start Year ◆ End Year \* No Data

# Golden Redfish Northeast Arctic [GOLDREDNEAR]

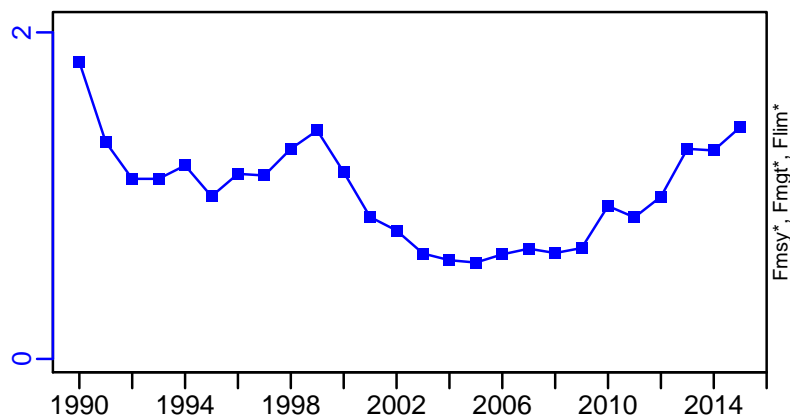
TB-MT (1983–2010–NEUBAUER)



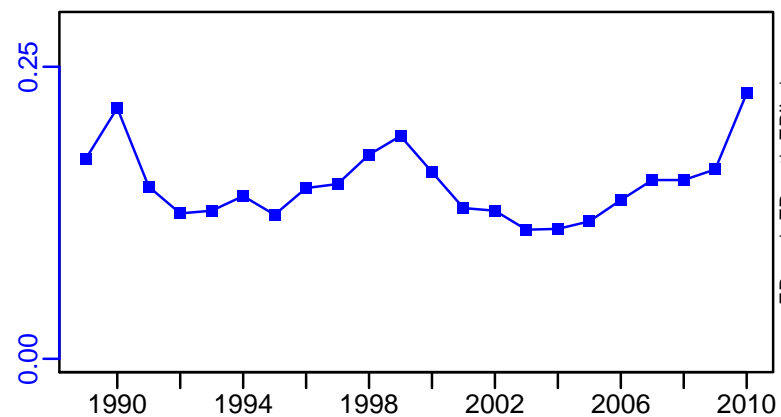
SSB-relative (1908–2016–ICESIMP2016)



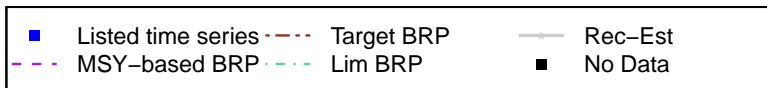
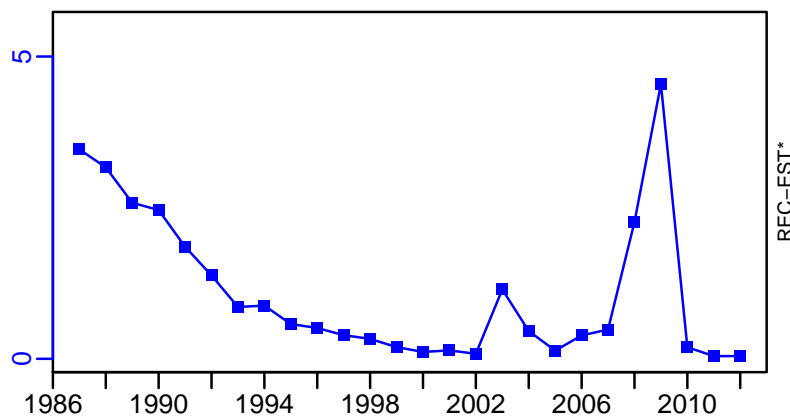
F-relative (1908–2016–ICESIMP2016)



ER-ratio (1983–2010–NEUBAUER)



R-relative (1908–2016–ICESIMP2016)

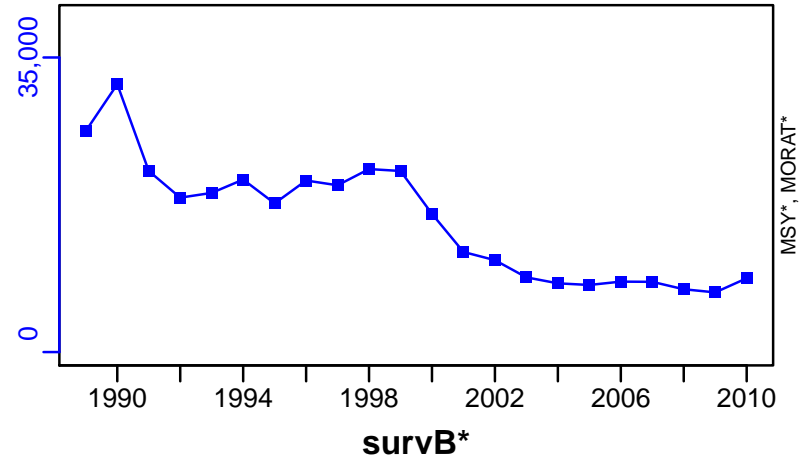




# Golden Redfish Northeast Arctic [GOLDREDNEAR]

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

TAC\*, Cpair\*, Cadv\*



EFFORT\*



## Greater silver smelt Va and XIV [GSSMELTVa-XIV]

Metadata	
<b>Scientific Name</b>	Argentina silus
<b>Current Assess ID</b>	WGDEEP-GSSMELTVa-XIV-2000-2016-ICESIMP2016
<b>Area</b>	Va and XIV
<b>Management Authority</b>	International Council for the Exploration of the Sea
<b>Assessor</b>	Working Group on the Biology and Assessment of Deep-Sea Fisheries Resources
<b>Asmts in RAM</b>	2016

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\*

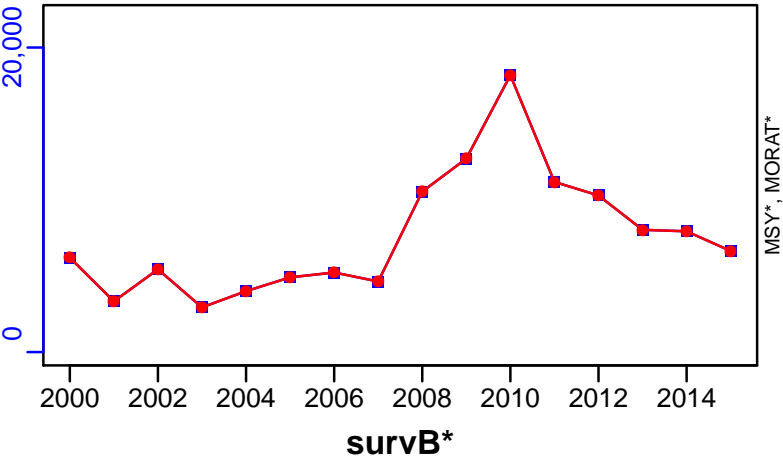


Recruits\*



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]

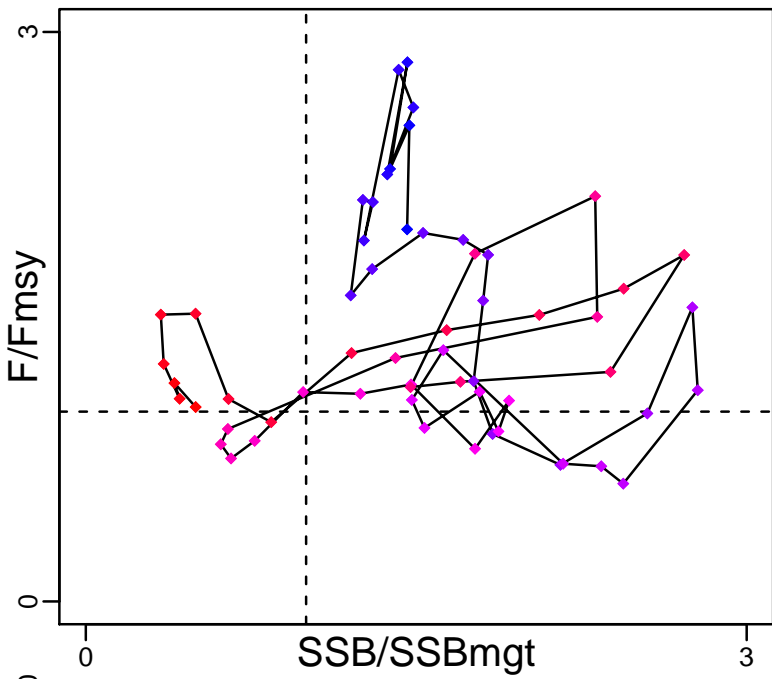
Metadata	
<b>Scientific Name</b>	Melanogrammus aeglefinus
<b>Current Assess ID</b>	NWWG-HADFAPL-1955-2016-ICESIMP2016
<b>Area</b>	Faroe Plateau
<b>Management Authority</b>	International Council for the Exploration of the Sea
<b>Assessor</b>	North-Western Working Group
<b>Asmts in RAM</b>	2012, 2013,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

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

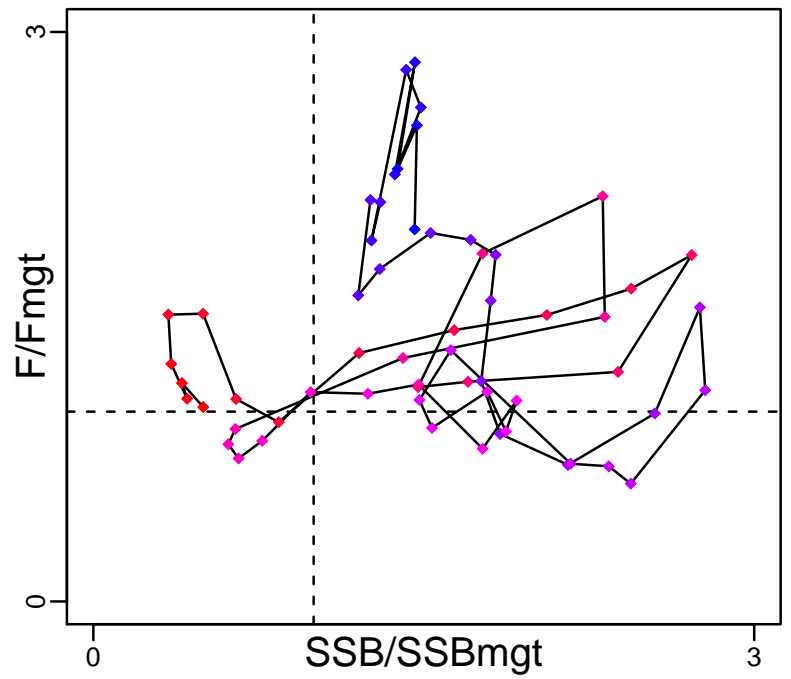
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
<b>TB</b>	TB-MT	2016	26,000	Both	-
<b>SSB</b>	SSB-MT	2016	20,100	Both	-
<b>TN</b>	-	-	-	-	-
<b>R</b>	R-E00	2016	6,830,000	-	2
<b>F</b>	F-1/yr	2016	0.256	-	3 to 7
<b>ER</b>	ER-calc-ratio	2016	0.131	-	-
<b>TC</b>	TC-MT	2016	3400		
<b>TL</b>	TL-MT	2016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

# Haddock Faroe Plateau [HADFAPL]

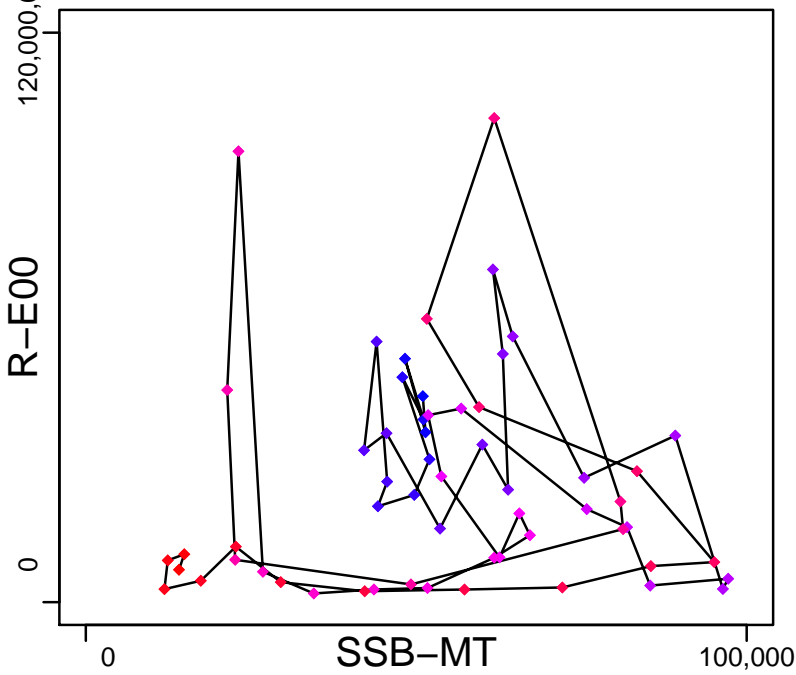
Kobe MSYpref (1955–2016–ICESIMP2016)



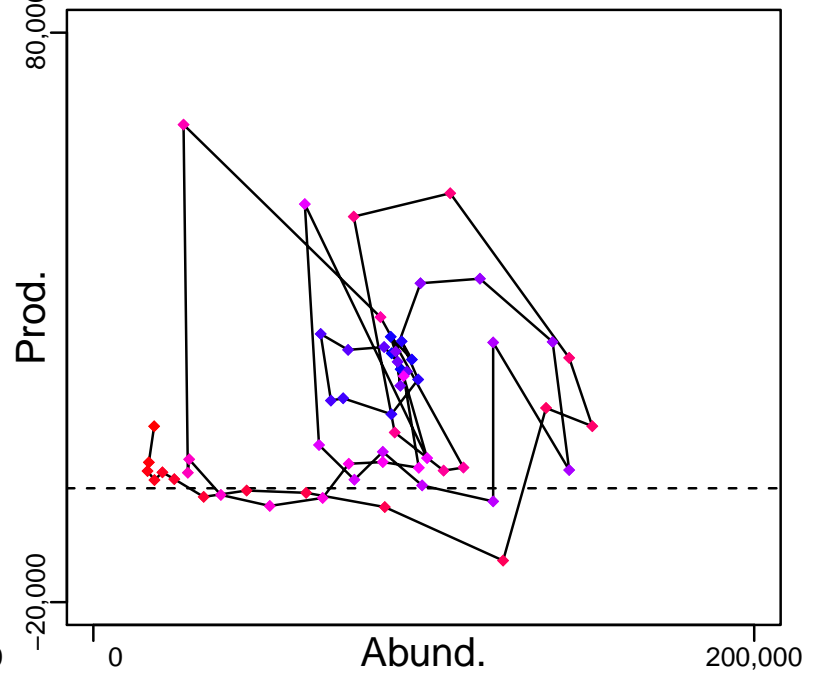
Kobe MGTpref (1955–2016–ICESIMP2016)



Spawner Recruit (1955–2016–ICESIMP2016)



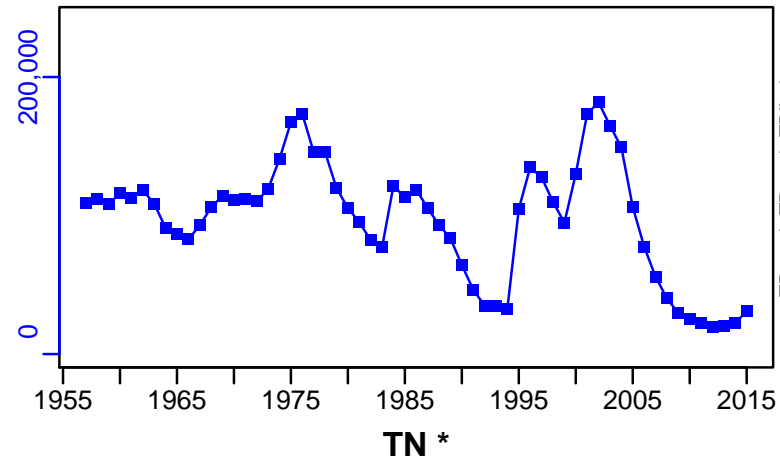
Production (1955–2016–ICESIMP2016)



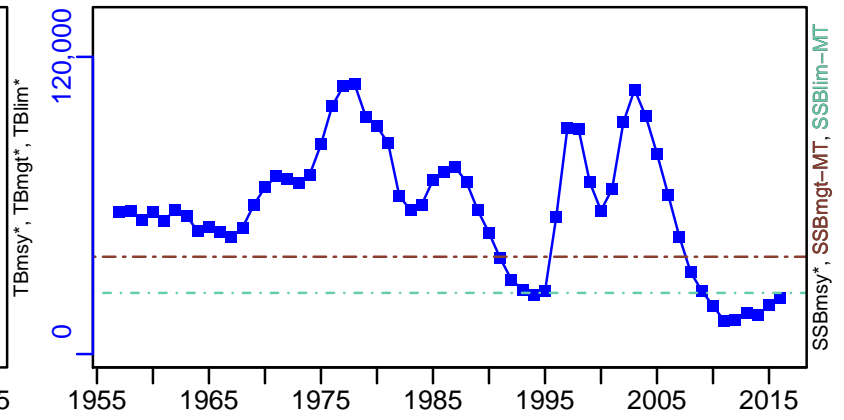
◆ Start Year ◆ End Year \* No Data

# Haddock Faroe Plateau [HADFAPL]

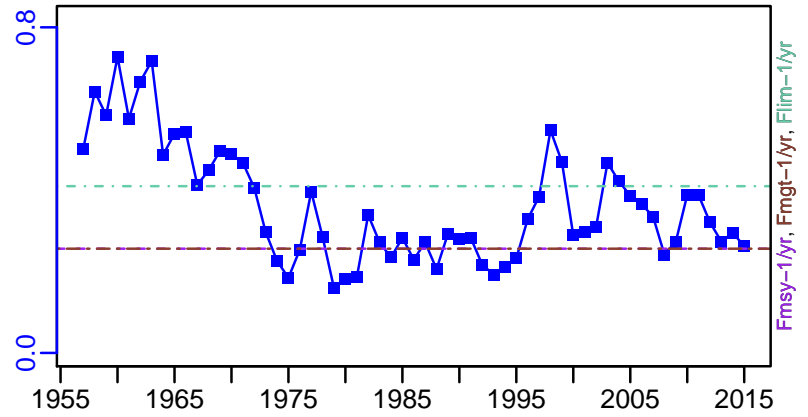
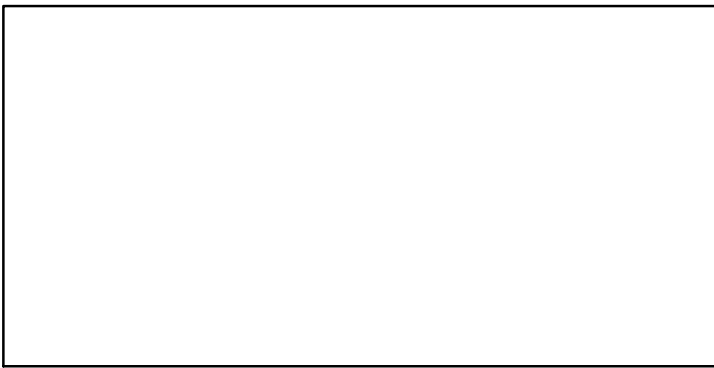
TB-MT (1955–2016–ICESIMP2016)



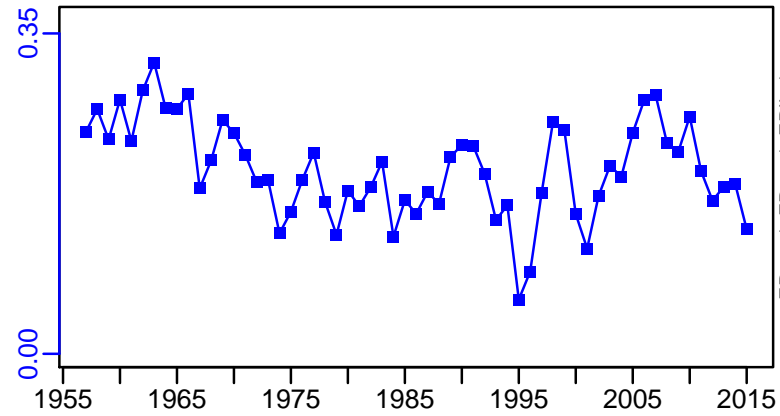
SSB-MT (1955–2016–ICESIMP2016)



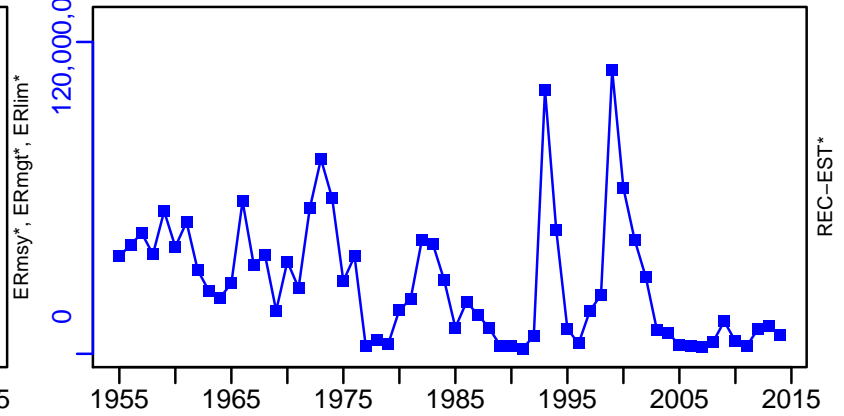
F-1/yr (1955–2016–ICESIMP2016)



ER-calc-ratio (1955–2016–ICESIMP2016)



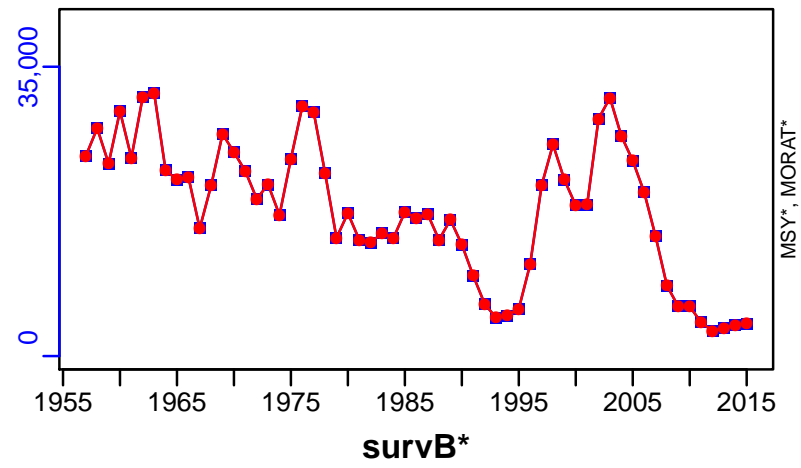
R-E00 (1955–2016–ICESIMP2016)





# 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]

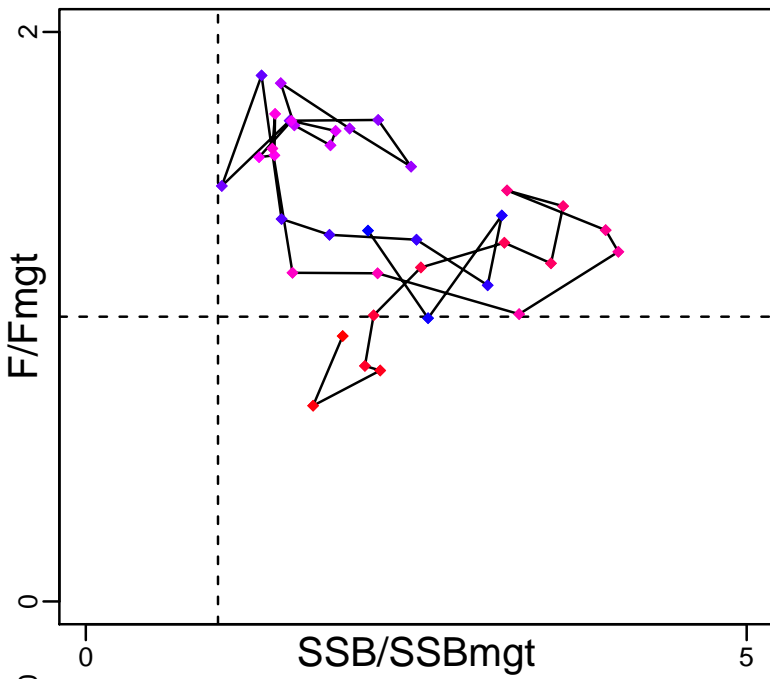
Metadata	
<b>Scientific Name</b>	Melanogrammus aeglefinus
<b>Current Assess ID</b>	NWWG-HADICE-1977-2016-ICESIMP2016
<b>Area</b>	Iceland Grounds
<b>Management Authority</b>	International Council for the Exploration of the Sea
<b>Assessor</b>	North-Western Working Group
<b>Asmts in RAM</b>	2012, 2013,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

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

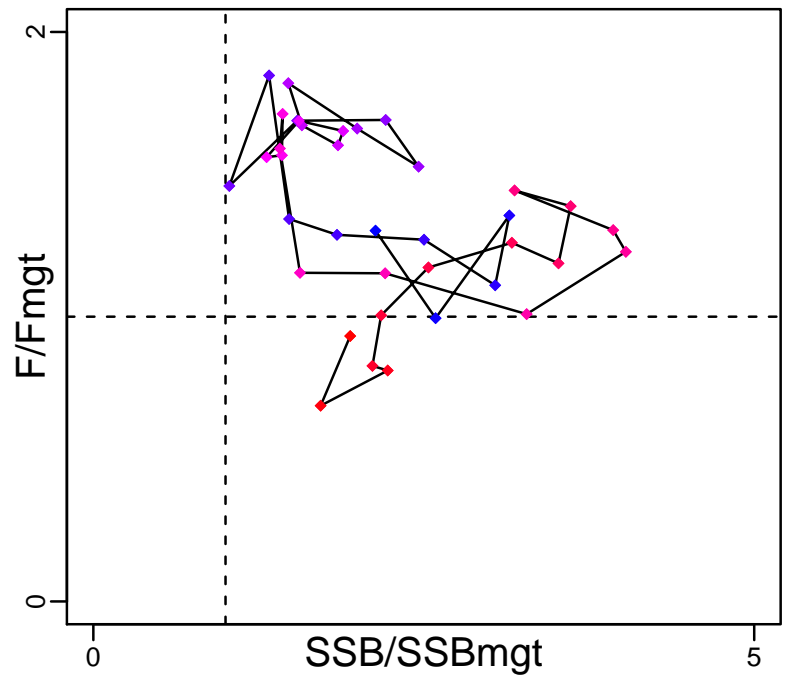
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
<b>TB</b>	TB-MT	2013	120,000	Both	-
<b>SSB</b>	SSB-MT	2016	76,700	Both	-
<b>TN</b>	-	-	-	-	-
<b>R</b>	R-E00	2016	$1.2 \times 10^8$	-	2
<b>F</b>	F-1/yr	2016	0.373	-	4 to 7
<b>ER</b>	ER-calc-ratio	2013	0.343	-	-
<b>TC</b>	TC-MT	2014	44,100		
<b>TL</b>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

# Haddock Iceland [HADICE]

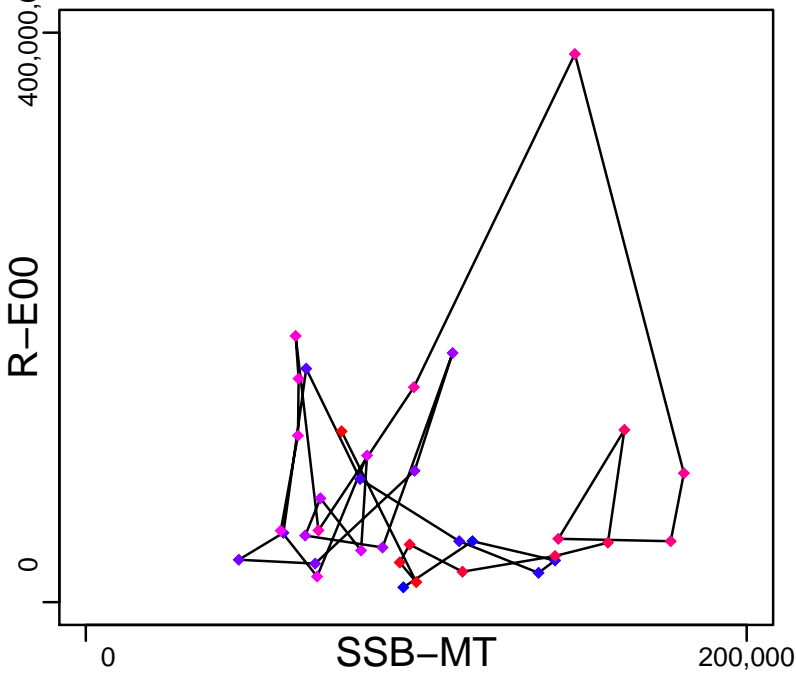
Kobe MSYpref (1977–2016–ICESIMP2016)



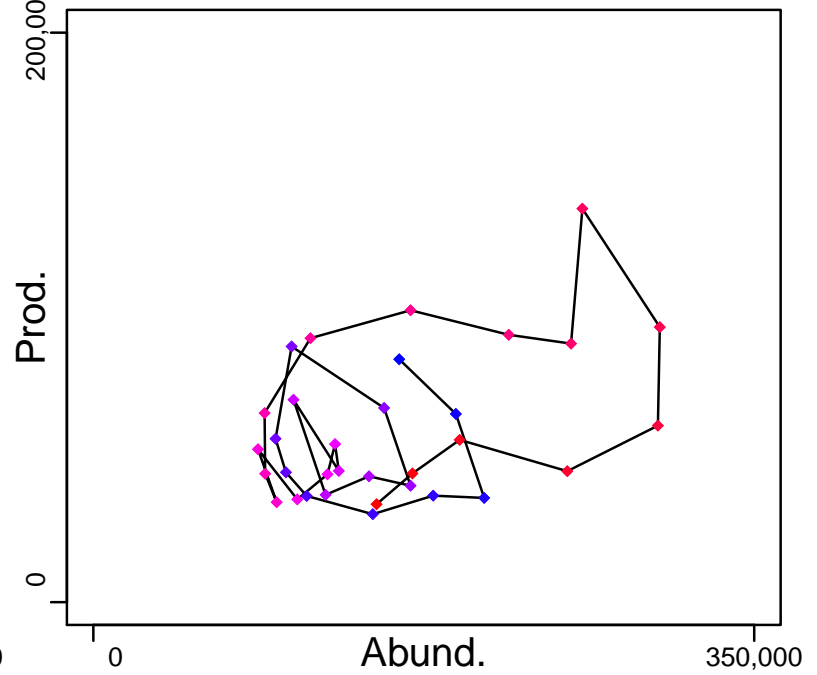
Kobe MGTpref (1977–2016–ICESIMP2016)



Spawner Recruit (1977–2016–ICESIMP2016)



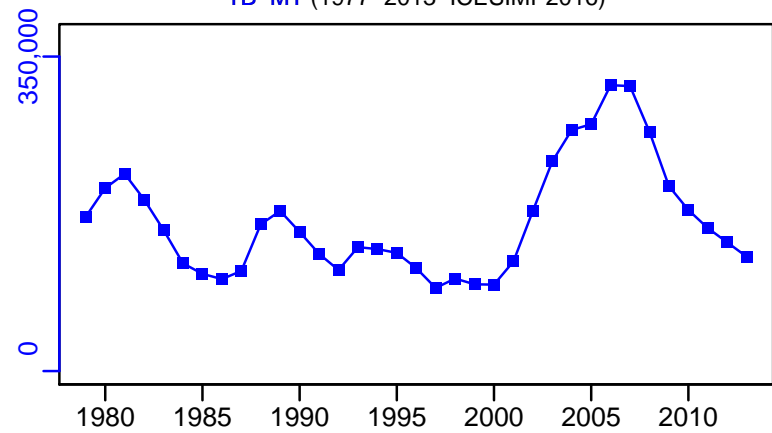
Production (1977–2013–ICESIMP2016)



◆ Start Year ◆ End Year \* No Data

# Haddock Iceland [HADICE]

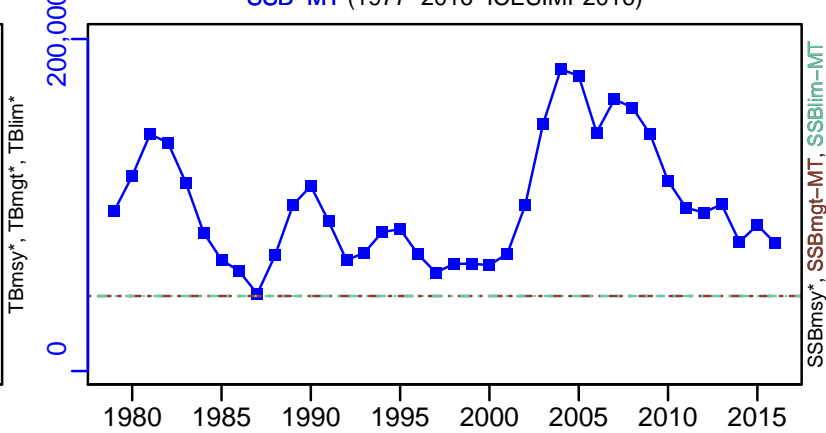
TB-MT (1977–2013–ICESIMP2016)



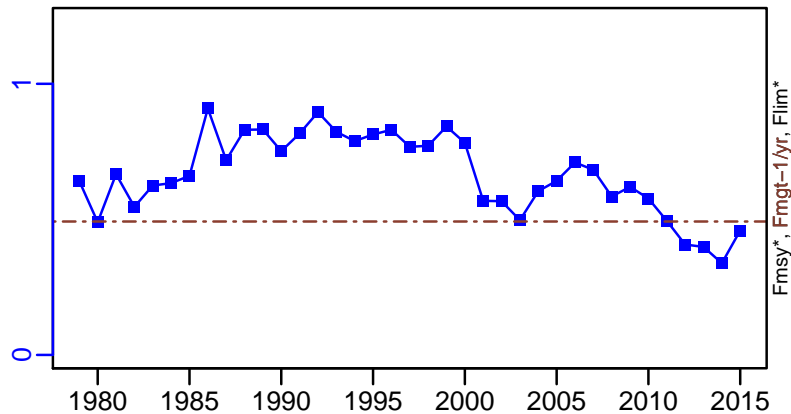
TN \*



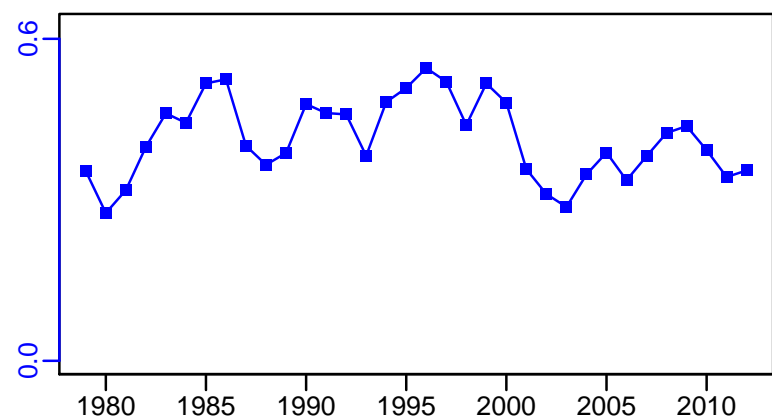
SSB-MT (1977–2016–ICESIMP2016)



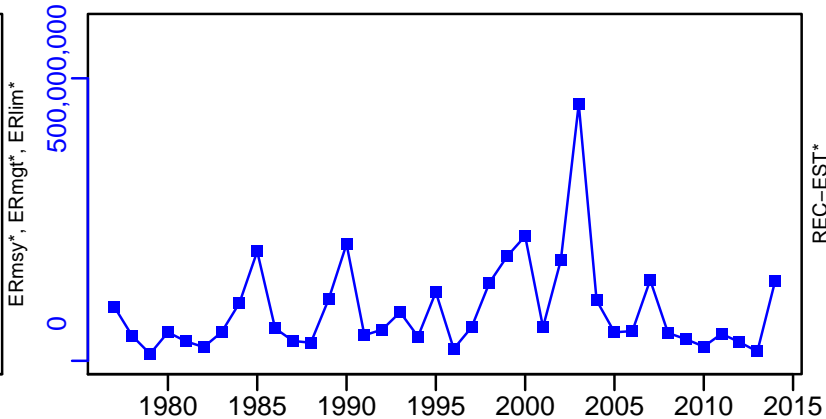
F-1/yr (1977–2016–ICESIMP2016)



ER-calc-ratio (1977–2013–ICESIMP2016)

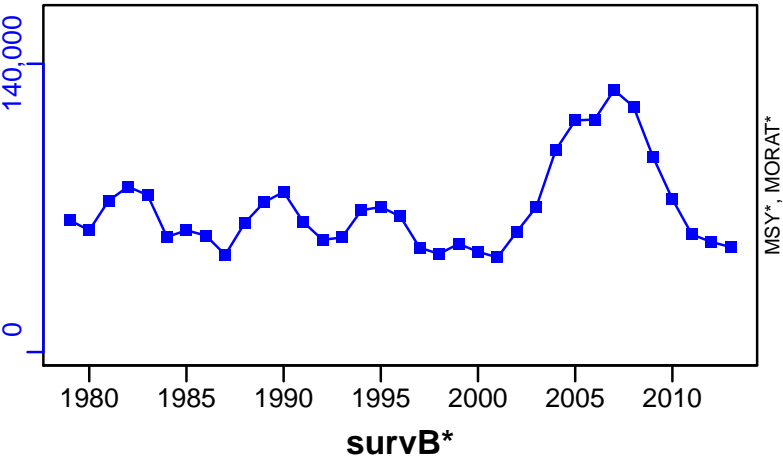


R-E00 (1977–2016–ICESIMP2016)



Haddock Iceland [HADICE]

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



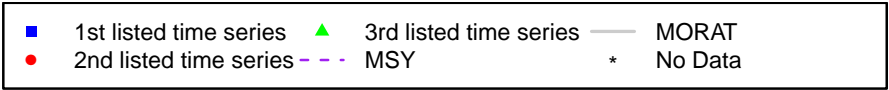
TAC\*, Cpair\*, Cadv\*



CPUE\*



EFFORT\*



## Haddock Northeast Arctic [HADNEAR]

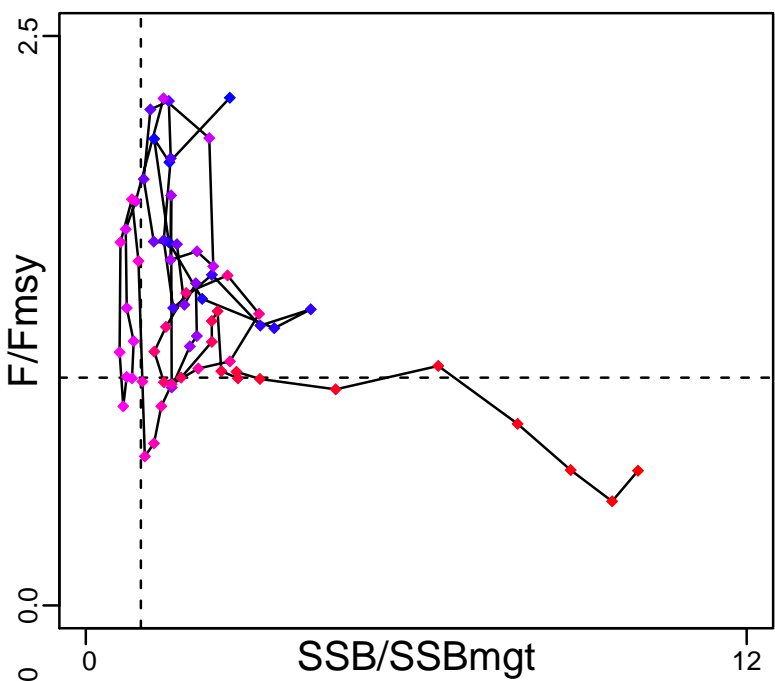
Metadata	
<b>Scientific Name</b>	Melanogrammus aeglefinus
<b>Current Assess ID</b>	AFWG-HADNEAR-1947-2016-ICESIMP2016
<b>Area</b>	North-East Arctic
<b>Management Authority</b>	International Council for the Exploration of the Sea
<b>Assessor</b>	Arctic Fisheries Working Group
<b>Asmts in RAM</b>	2012,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

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

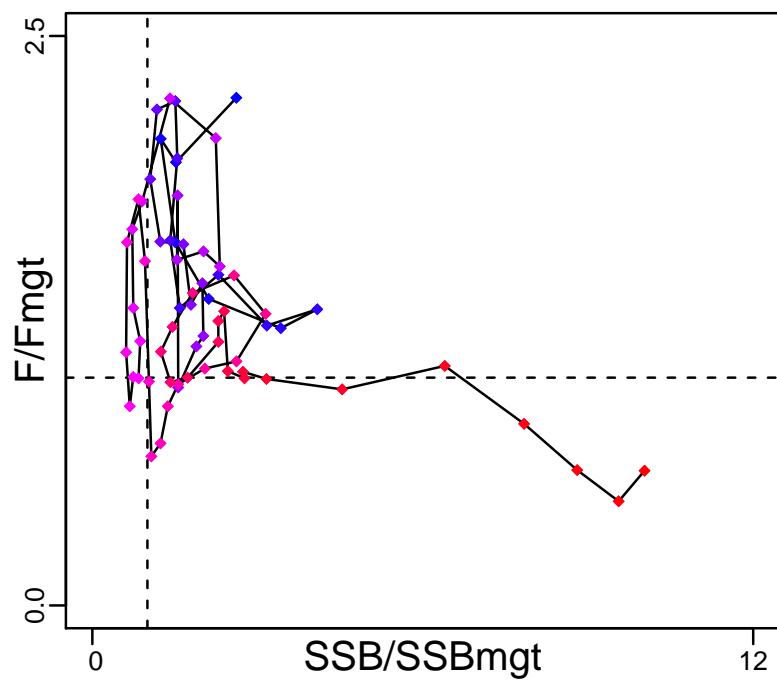
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
<b>TB</b>	TB-MT	2016	1,110,000	Both	-
<b>SSB</b>	SSB-MT	2016	753,000	Both	-
<b>TN</b>	-	-	-	-	-
<b>R</b>	R-E00	2016	$2.35 \times 10^8$	-	3
<b>F</b>	F-1/yr	2016	0.207	-	4 to 7
<b>ER</b>	ER-calc-ratio	2016	0.175	-	-
<b>TC</b>	TC-MT	2016	195,000		
<b>TL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

# Haddock Northeast Arctic [HADNEAR]

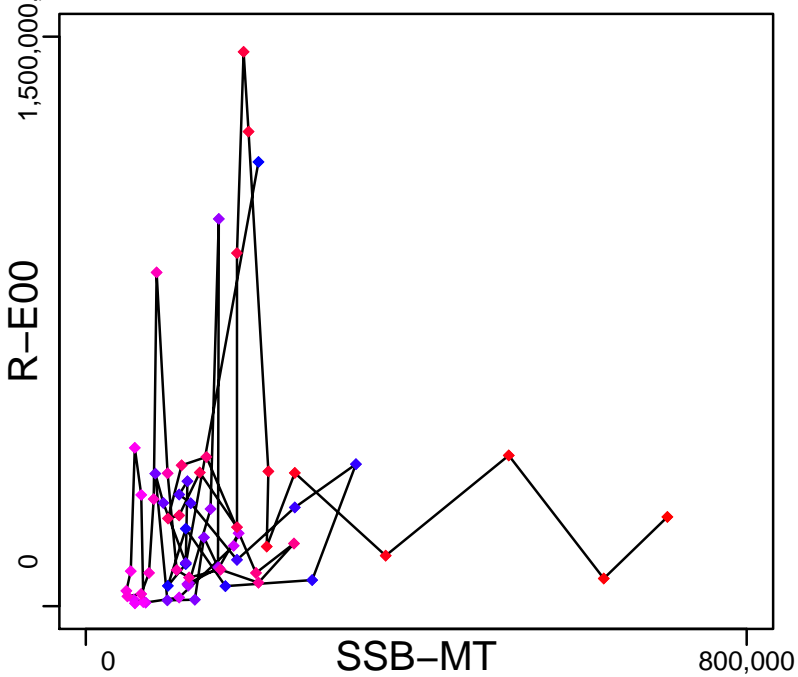
Kobe MSYpref (1947–2016–ICESIMP2016)



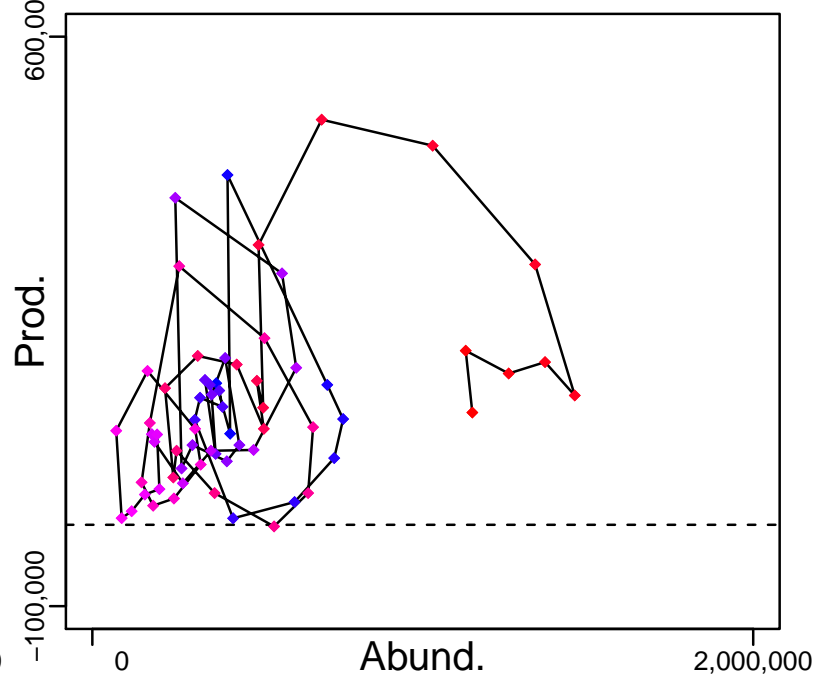
Kobe MGTpref (1947–2016–ICESIMP2016)



Spawner Recruit (1947–2016–ICESIMP2016)



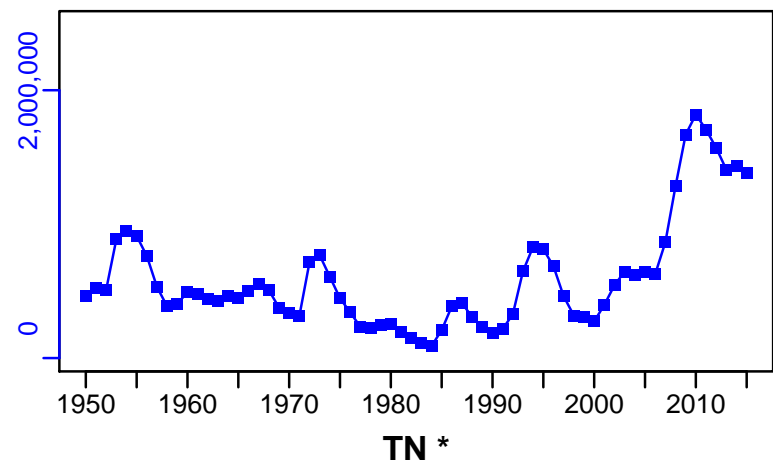
Production (1947–2016–ICESIMP2016)



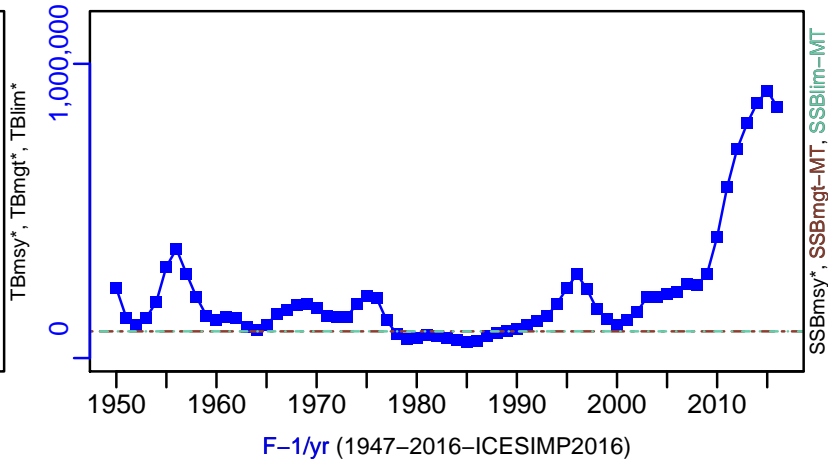
◆ Start Year ◆ End Year \* No Data

# Haddock Northeast Arctic [HADNEAR]

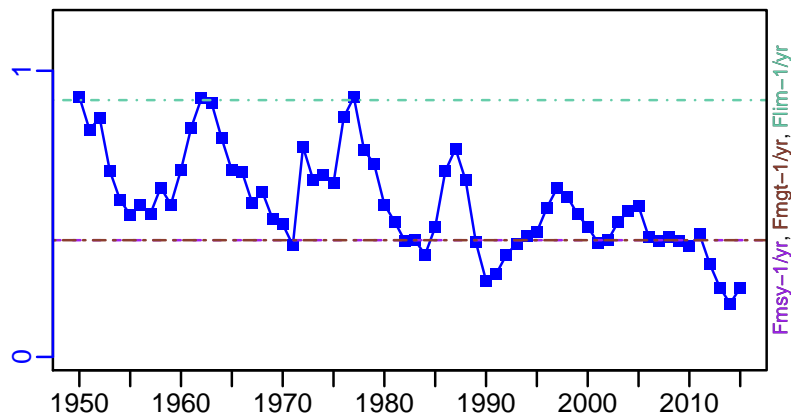
TB-MT (1947–2016–ICESIMP2016)



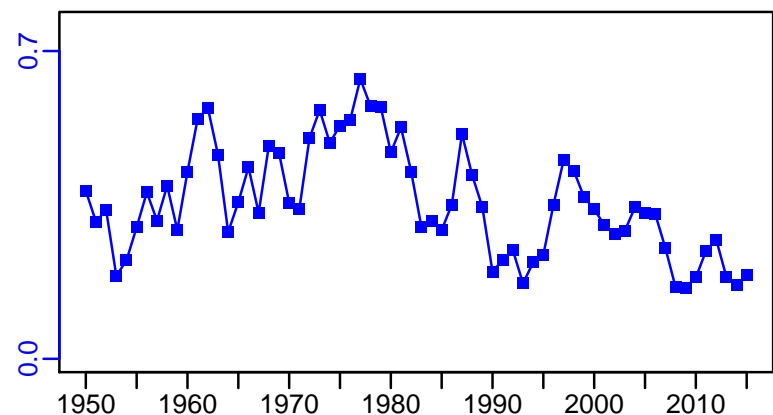
SSB-MT (1947–2016–ICESIMP2016)



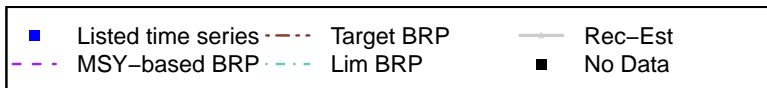
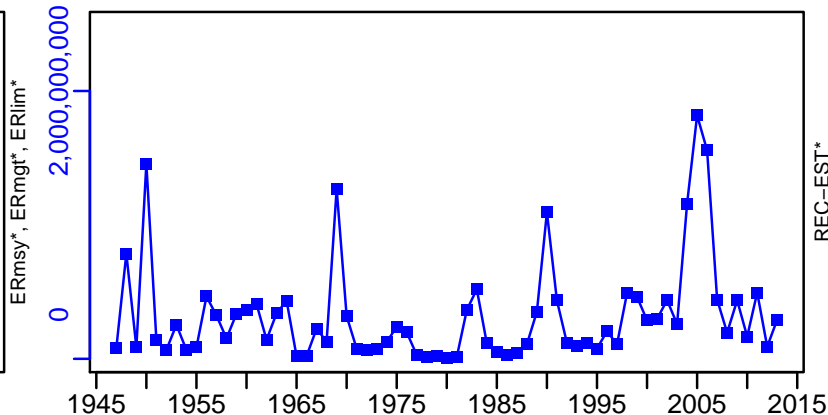
F-1/yr (1947–2016–ICESIMP2016)



ER-calc-ratio (1947–2016–ICESIMP2016)



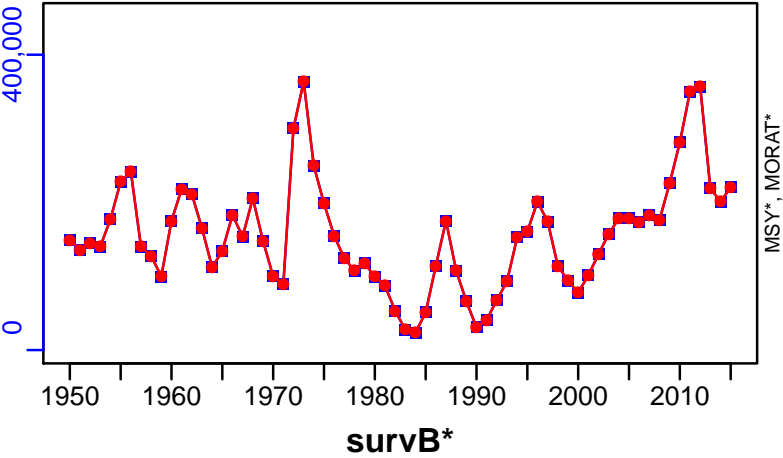
R-E00 (1947–2016–ICESIMP2016)





Haddock Northeast Arctic [HADNEAR]

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



TAC\*, Cpair\*, Cadv\*



CPUE\*



EFFORT\*



## Herring Iceland (Summer spawners) [HERRIsum]

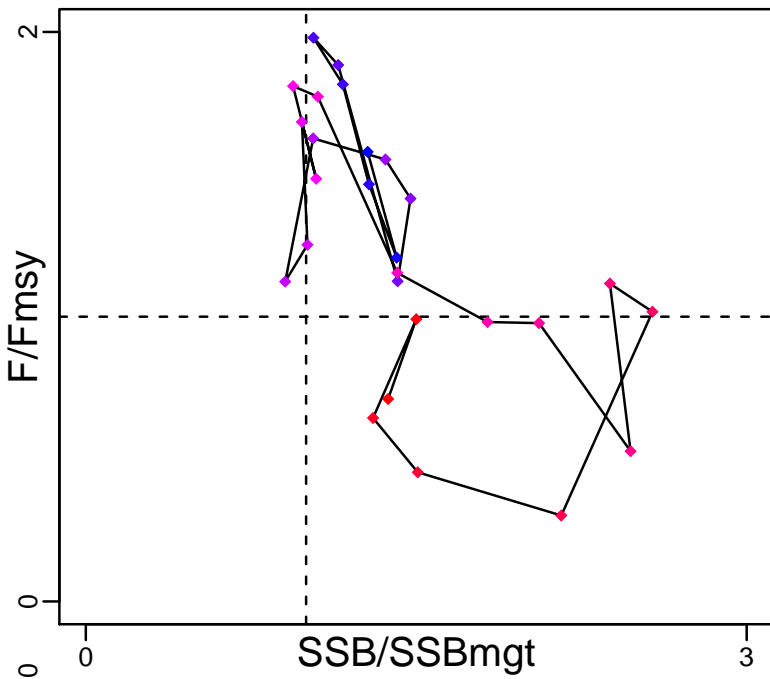
Metadata	
<b>Scientific Name</b>	Clupea harengus
<b>Current Assess ID</b>	NWWG-HERRIsum-1987-2015-ICESIMP2016
<b>Area</b>	Iceland Grounds
<b>Management Authority</b>	International Council for the Exploration of the Sea
<b>Assessor</b>	North-Western Working Group
<b>Asmts in RAM</b>	2011, 2013, 2014,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

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

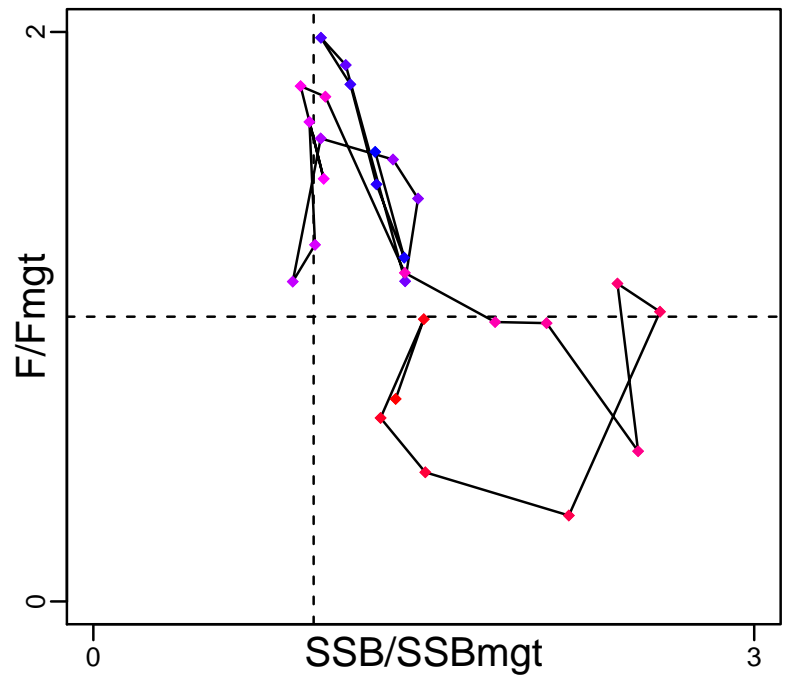
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
<b>TB</b>	TB-MT	2015	438,000	Both	3+
<b>SSB</b>	SSB-MT	2015	342,000	Both	-
<b>TN</b>	-	-	-	-	-
<b>R</b>	R-E00	2015	$4.77 \times 10^8$	-	0
<b>F</b>	F-1/yr	2015	0.255	-	-
<b>ER</b>	ER-calc-ratio	2015	0.206	-	-
<b>TC</b>	TC-MT	2015	95,000		
<b>TL</b>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

# Herring Iceland (Summer spawners) [HERRIsum]

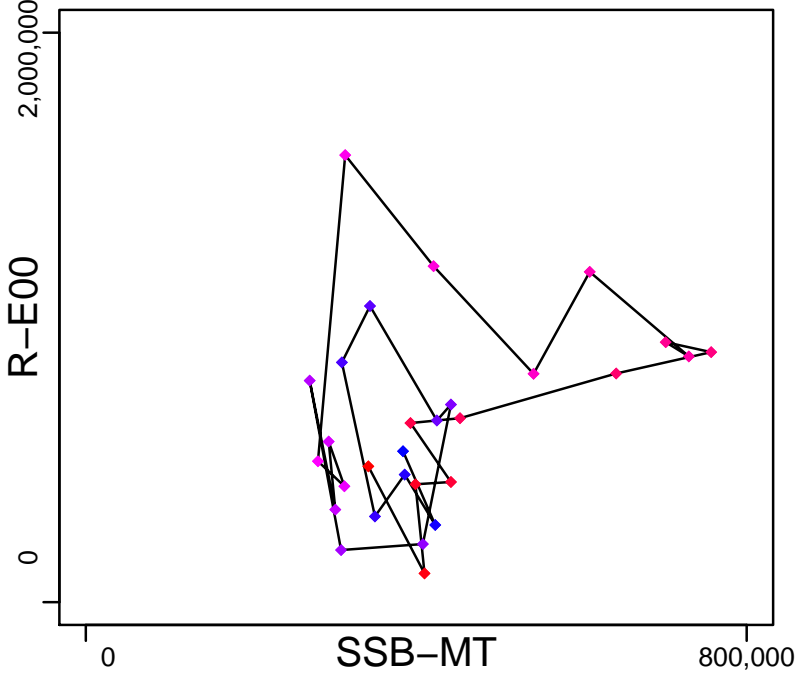
Kobe MSYpref (1984–2014–ICESIMP2016)



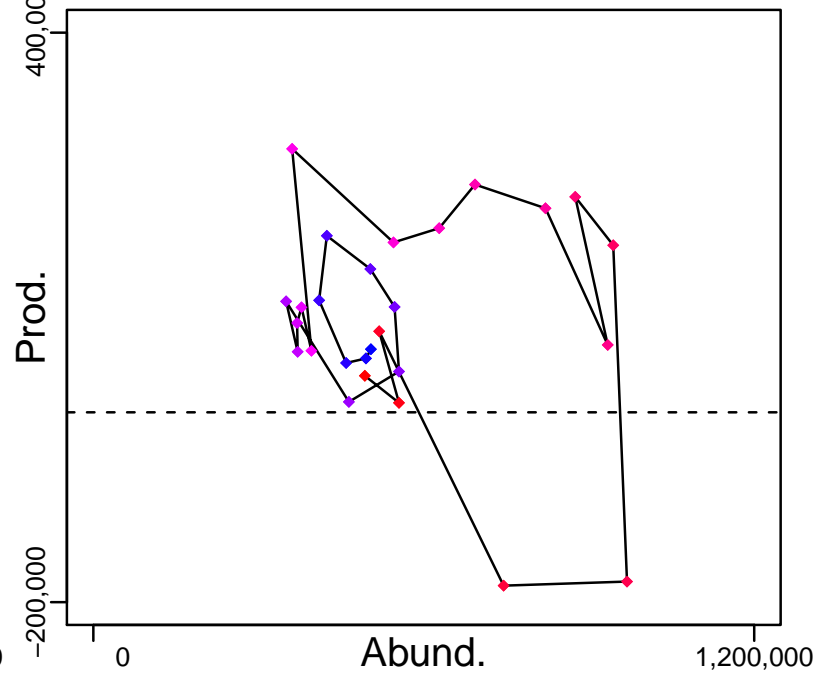
Kobe MGTpref (1984–2014–ICESIMP2016)



Spawner Recruit (1987–2015–ICESIMP2016)



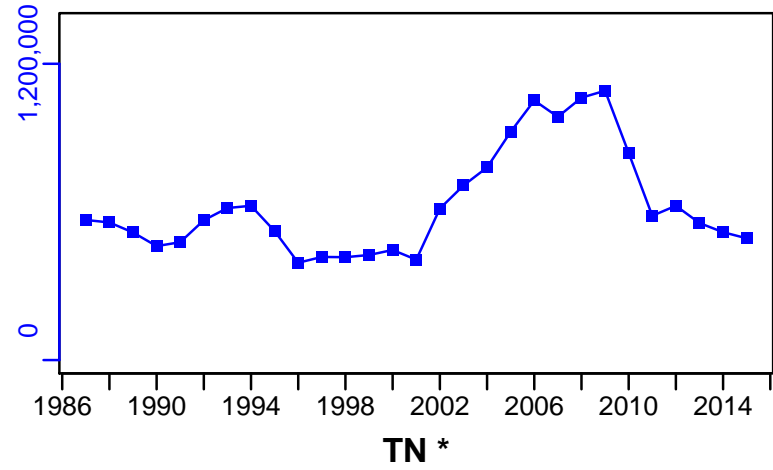
Production (1987–2015–ICESIMP2016)



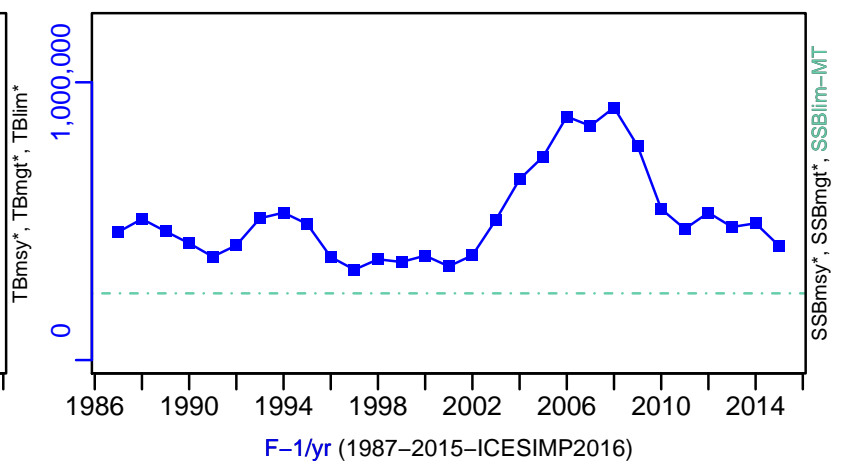
◆ Start Year ◆ End Year \* No Data

# Herring Iceland (Summer spawners) [HERRIsum]

TB-MT (1987–2015–ICESIMP2016)



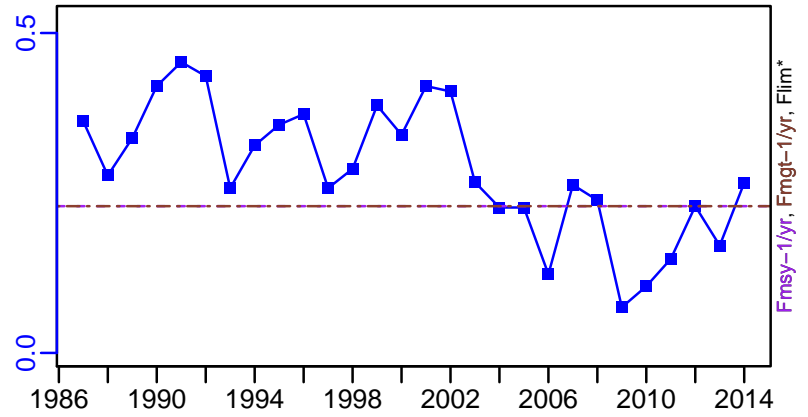
SSB-MT (1987–2015–ICESIMP2016)



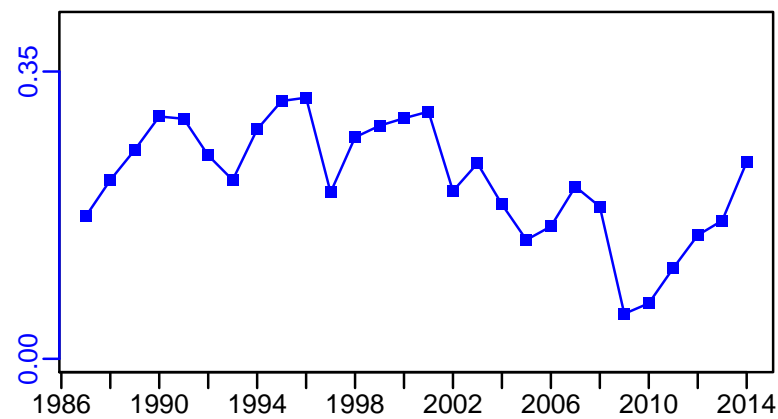
TN \*



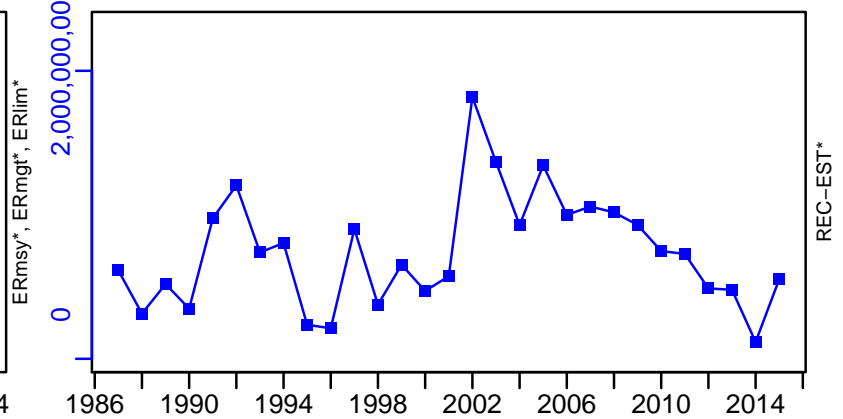
F-1/yr (1987–2015–ICESIMP2016)



ER-calc-ratio (1987–2015–ICESIMP2016)

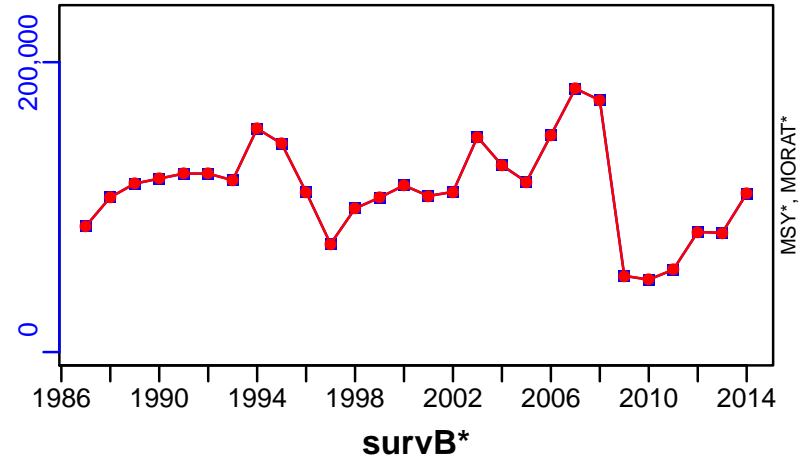


R-E00 (1987–2015–ICESIMP2016)



# 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]

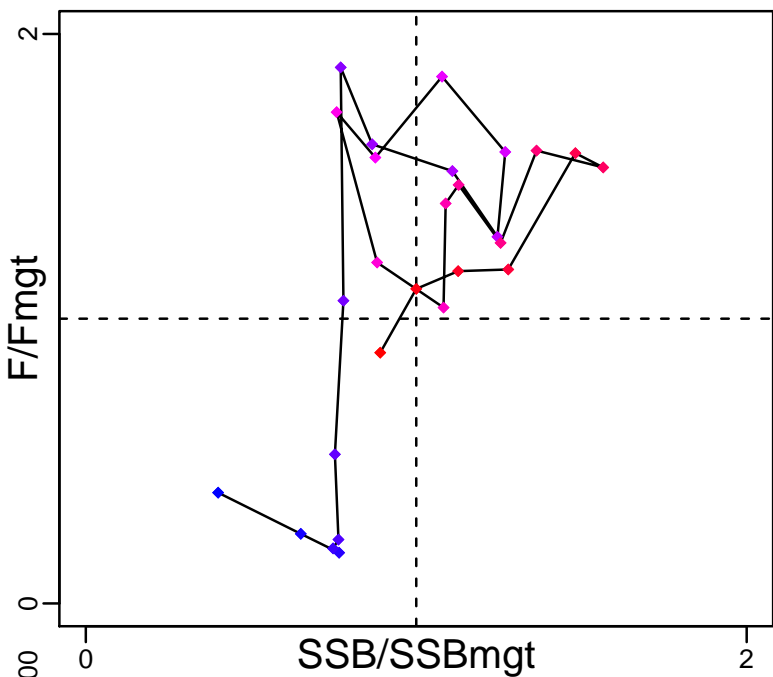
Metadata	
<b>Scientific Name</b>	Clupea harengus
<b>Current Assess ID</b>	WGWIDE-HERRNORSS-1988-2015-ICESIMP2016
<b>Area</b>	I-II-IVa-V-XIVa
<b>Management Authority</b>	International Council for the Exploration of the Sea
<b>Assessor</b>	Working Group on Widely Distributed Stocks
<b>Asmts in RAM</b>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

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

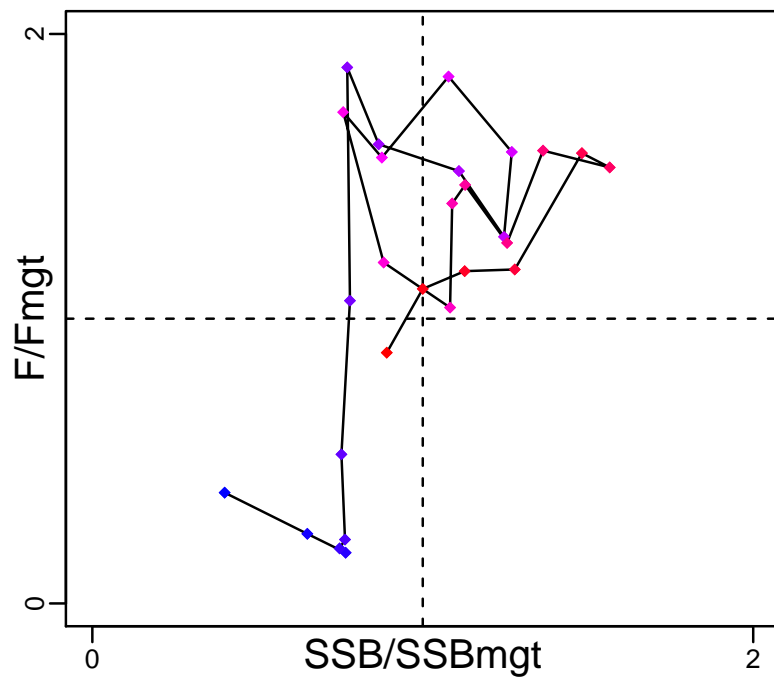
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	TB-MT	2015	5,290,000	Both	-
SSB	SSB-MT	2015	3,950,000	Both	-
TN	-	-	-	-	-
R	R-E00	2015	$7.68 \times 10^{10}$	-	0
F	F-1/yr	2015	0.11	-	5 to 14
ER	ER-calc-ratio	2015	0.082	-	-
TC	TC-MT	2014	685,000		
TL	TL-MT	2015	461,000		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
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]

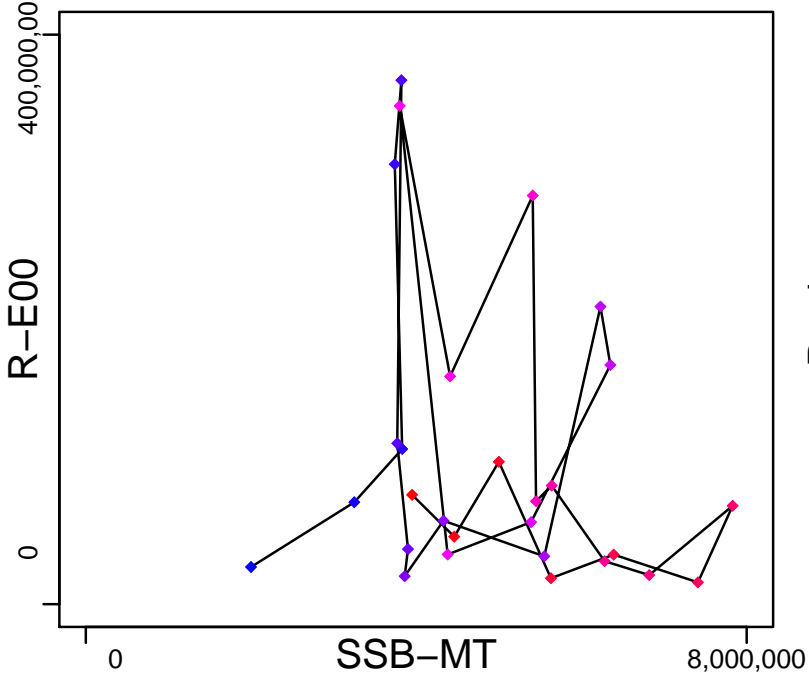
Kobe MSYpref (1988–2015–ICESIMP2016)



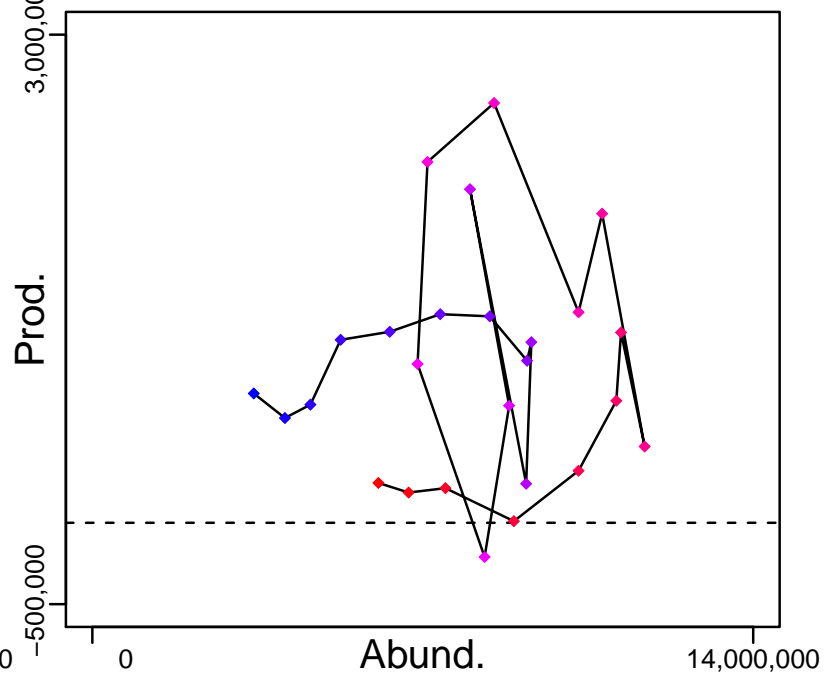
Kobe MGTpref (1988–2015–ICESIMP2016)



Spawner Recruit (1988–2015–ICESIMP2016)

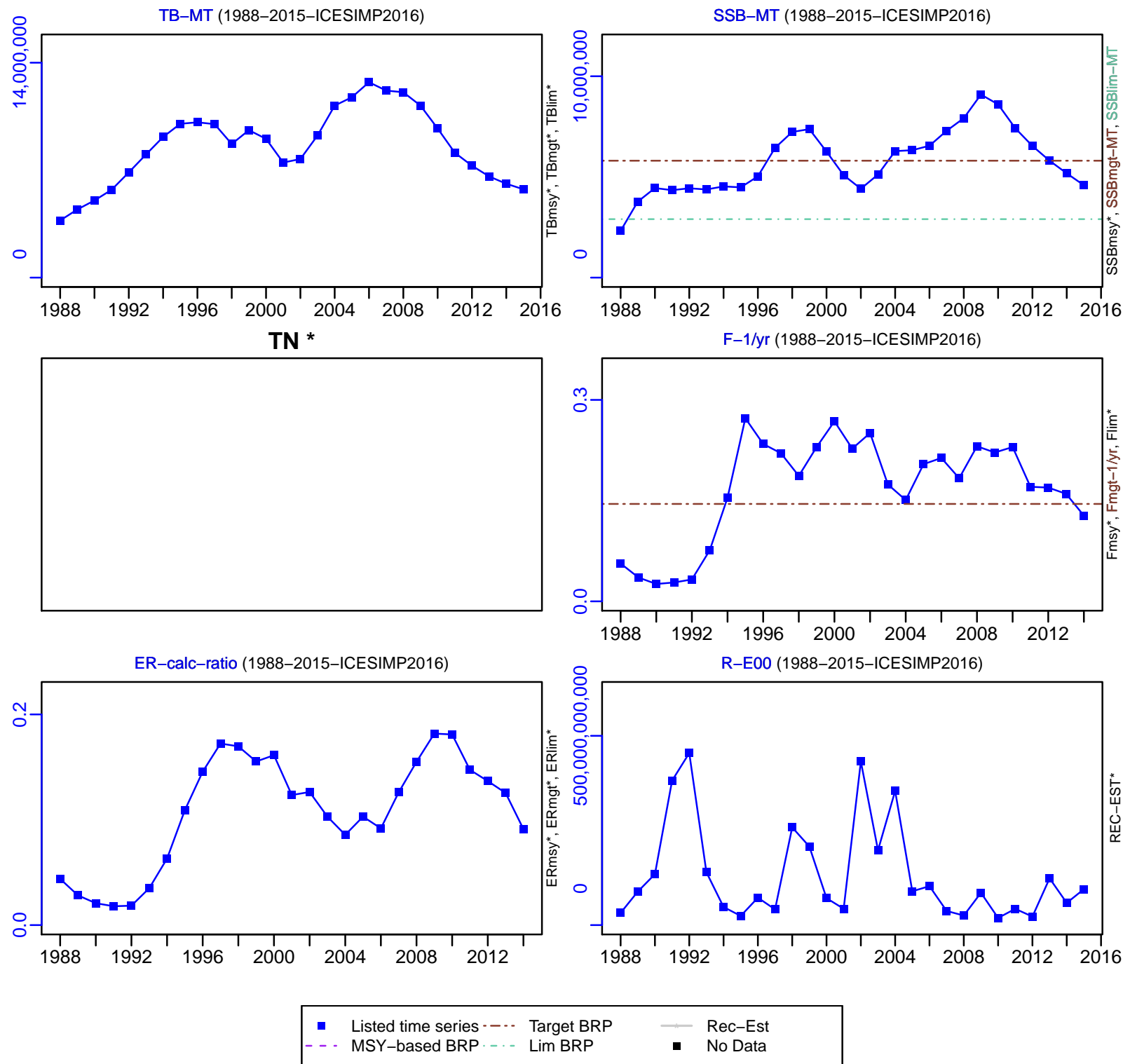


Production (1988–2015–ICESIMP2016)



◆ Start Year ◆ End Year \* No Data

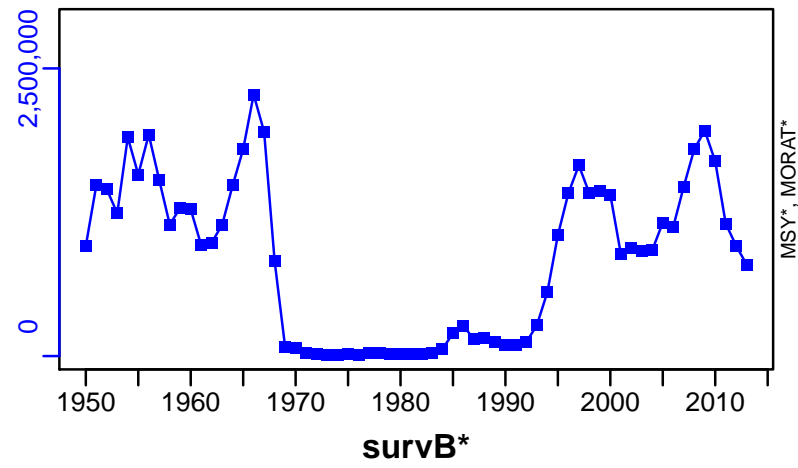
# Norwegian Spring Spawning Herring [HERRNORSS]





# Norwegian Spring Spawning Herring [HERRNORSS]

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



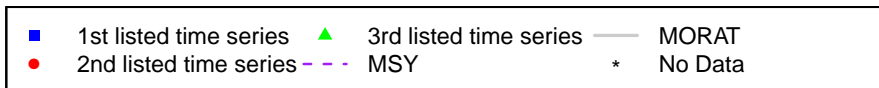
TAC\*, Cpair\*, Cadv\*



CPUE\*



EFFORT\*



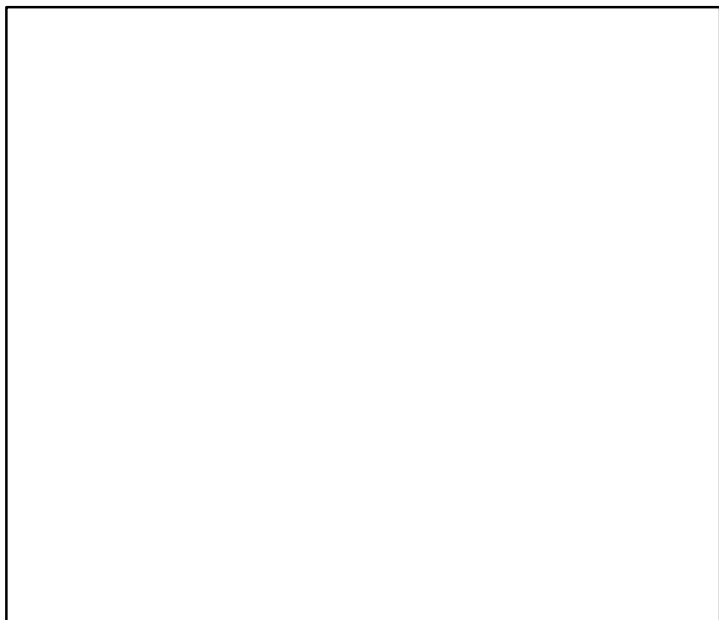
## Northern shrimp North-East Arctic [PANDALI-II]

Metadata	
<b>Scientific Name</b>	Pandalus borealis
<b>Current Assess ID</b>	NIPAG-PANDALI-II-1970-2014-ICESIMP2016
<b>Area</b>	North-East Arctic
<b>Management Authority</b>	International Council for the Exploration of the Sea
<b>Assessor</b>	Joint NAFO and ICES Pandalus Assessment Working Group
<b>Asmts in RAM</b>	2014

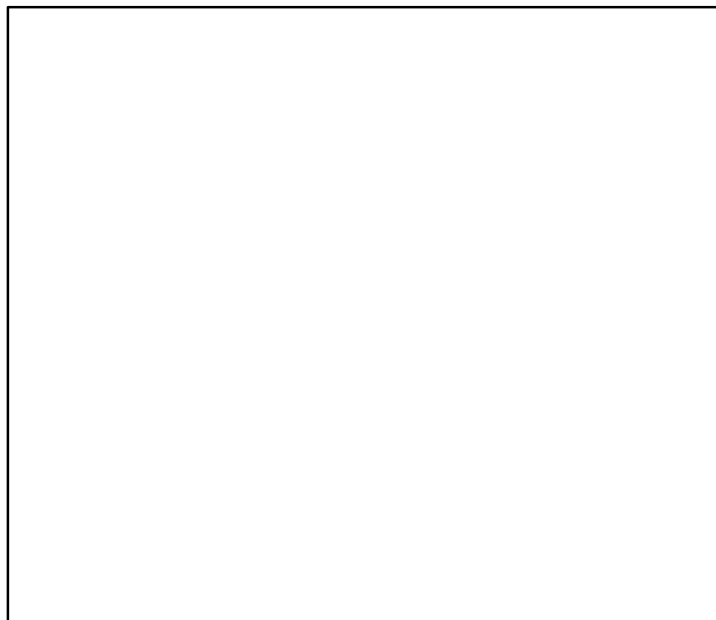
Reference Points			
Type	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	-	-	-
Fmsy	-	-	-
ERmsy	-	-	-
TBmgt	-	-	-
SSBmgt	-	-	-
Fmgt	-	-	-
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	-	-	-
M	-	-	-
TBlim	-	-	-
SSBlim	-	-	-
Flim	-	-	-
ERlim	-	-	-

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\***



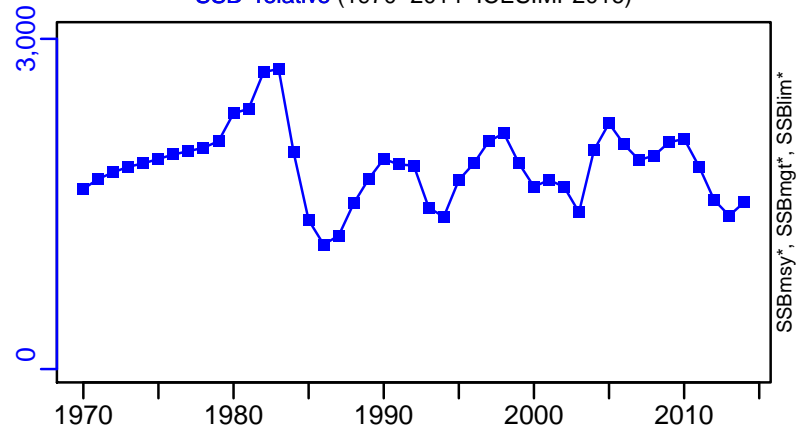
◆ Start Year   ◆ End Year   \* No Data

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

TB\*



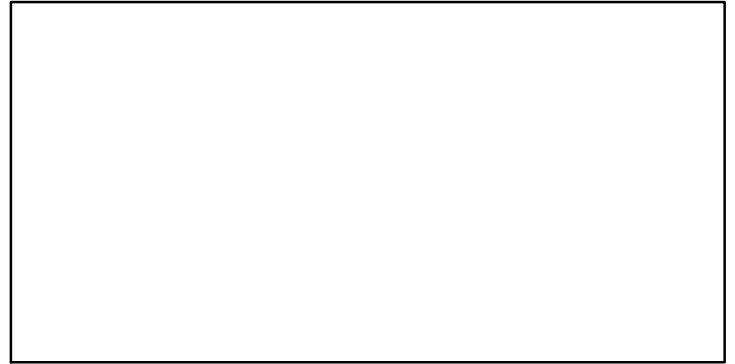
SSB-relative (1970-2014-ICESIMP2016)



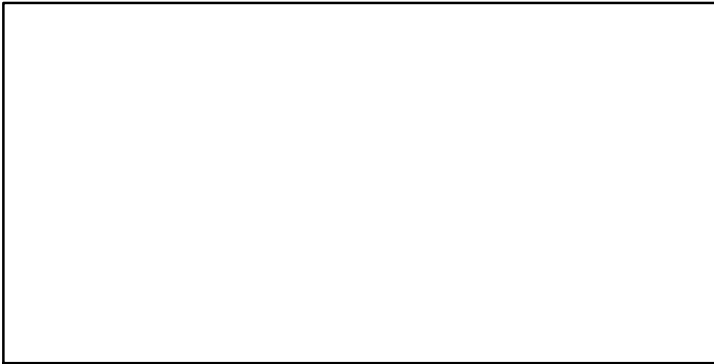
TN \*



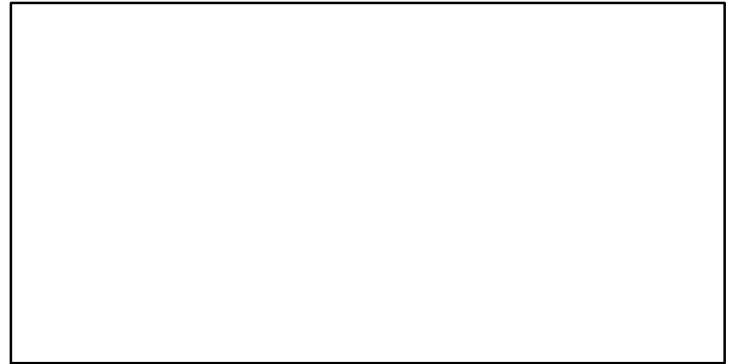
F\*



ER\*



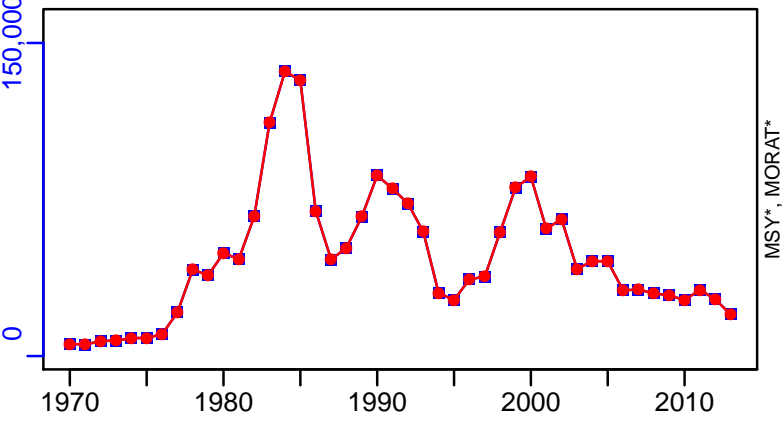
Recruits\*



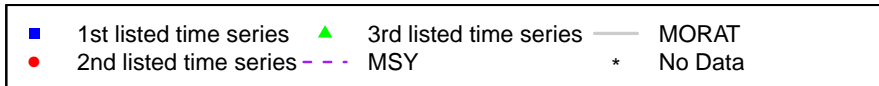
# Northern shrimp North-East Arctic [PANDALI-II]

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

TAC\*, Cpair\*, Cadv\*



EFFORT\*



## Pollock Faroe Plateau [POLLFAPL]

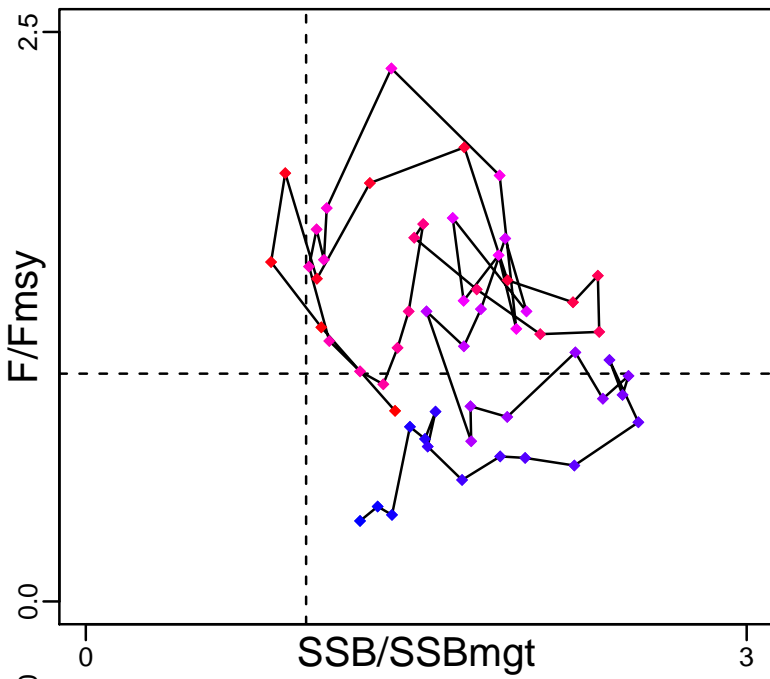
Metadata	
<b>Scientific Name</b>	Pollachius virens
<b>Current Assess ID</b>	NWWG-POLLFAPL-1958-2016-ICESIMP2016
<b>Area</b>	Faroe Plateau
<b>Management Authority</b>	International Council for the Exploration of the Sea
<b>Assessor</b>	North-Western Working Group
<b>Asmts in RAM</b>	2012, 2013, 2014,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

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

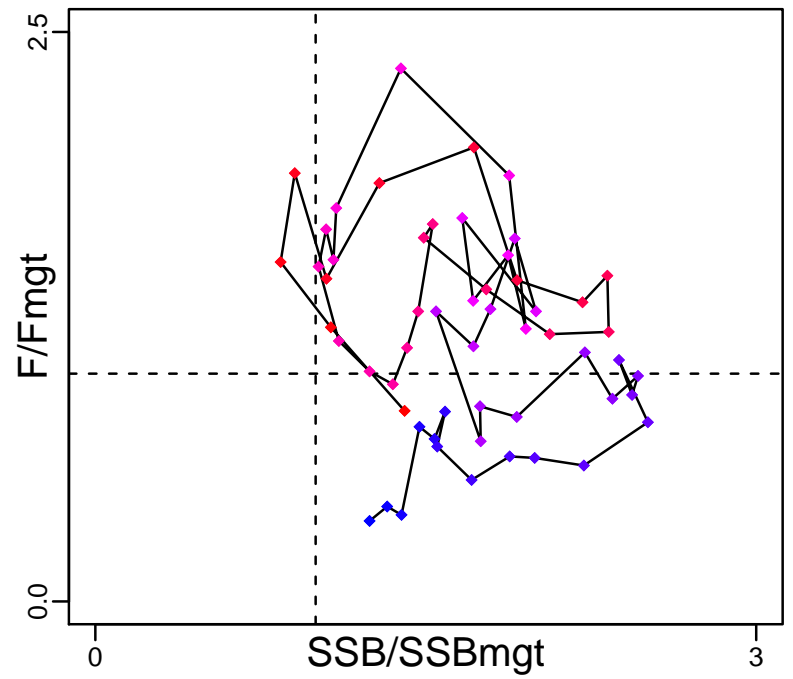
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
<b>TB</b>	TB-MT	2016	194,000	Both	-
<b>SSB</b>	SSB-MT	2016	96,800	Both	-
<b>TN</b>	-	-	-	-	-
<b>R</b>	R-E00	2016	$3 \times 10^7$	-	3
<b>F</b>	F-1/yr	2016	0.251	-	4 to 8
<b>ER</b>	ER-calc-ratio	2016	0.129	-	-
<b>TC</b>	-	-	-		
<b>TL</b>	TL-MT	2016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

# Pollock Faroe Plateau [POLLFAPL]

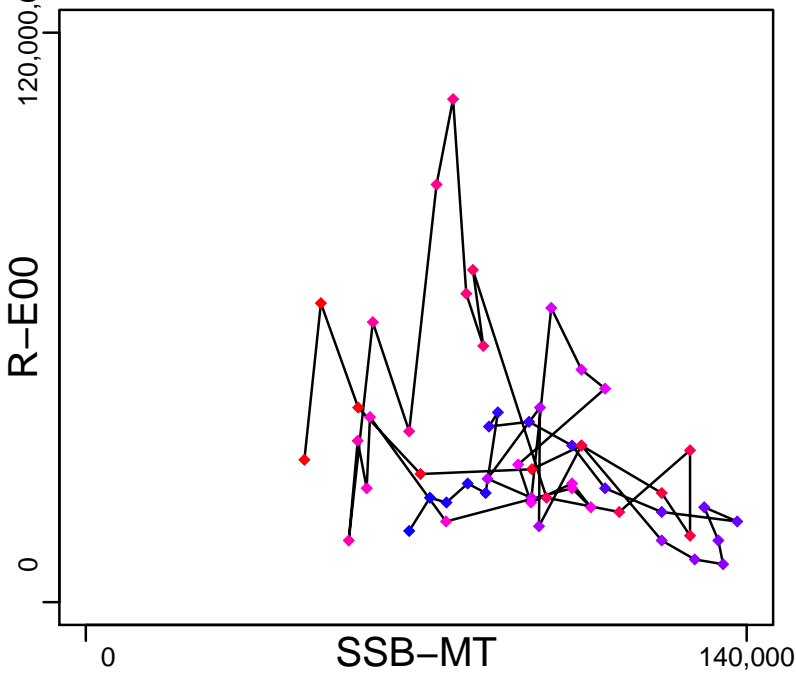
Kobe MSYpref (1958–2016–ICESIMP2016)



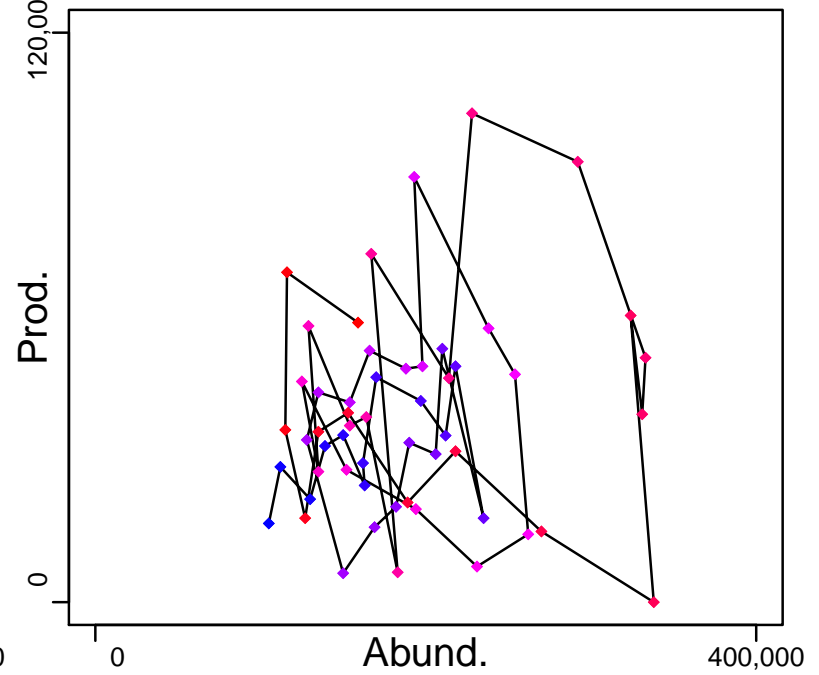
Kobe MGTpref (1958–2016–ICESIMP2016)



Spawner Recruit (1958–2016–ICESIMP2016)



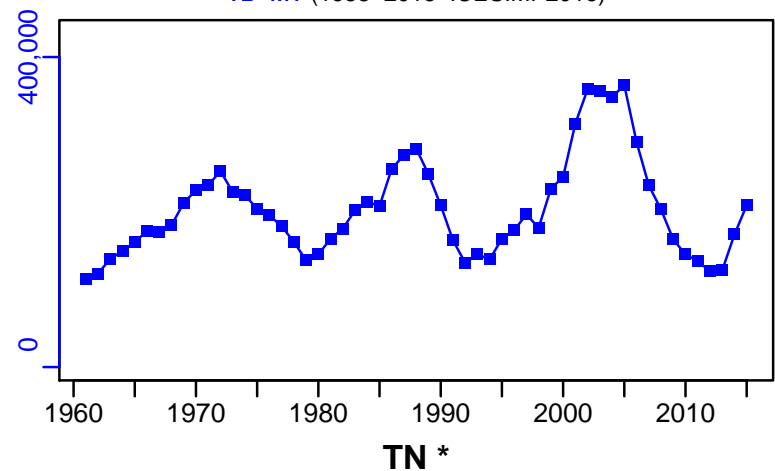
Production (1958–2016–ICESIMP2016)



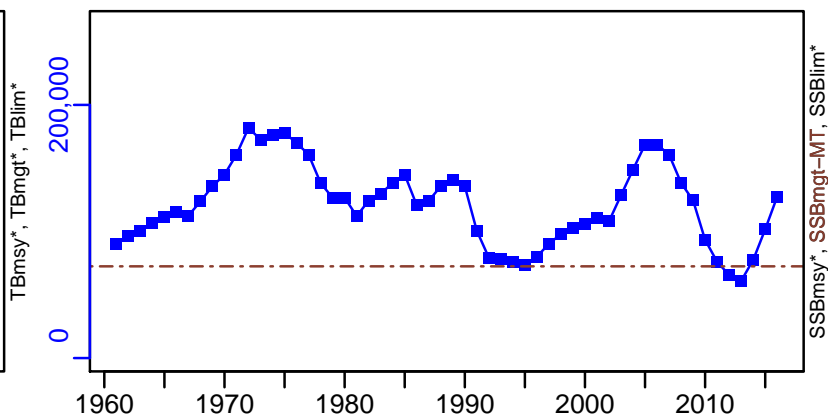
◆ Start Year ◆ End Year \* No Data

# Pollock Faroe Plateau [POLLFAPL]

TB-MT (1958–2016–ICESIMP2016)



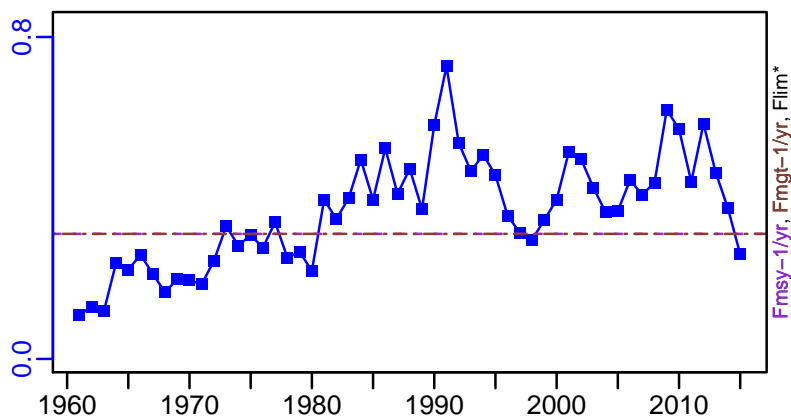
SSB-MT (1958–2016–ICESIMP2016)



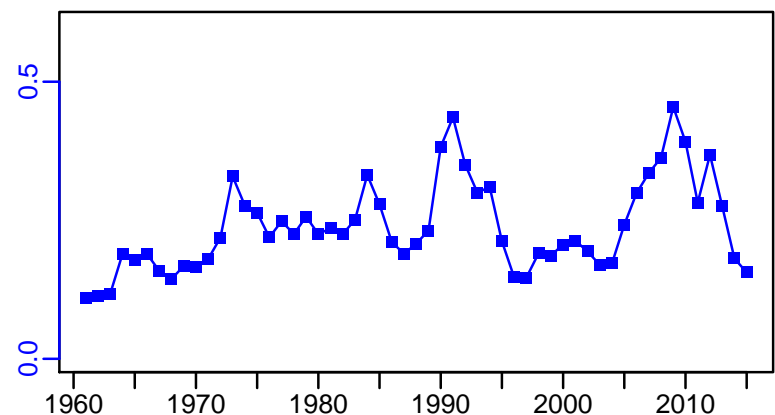
TN \*



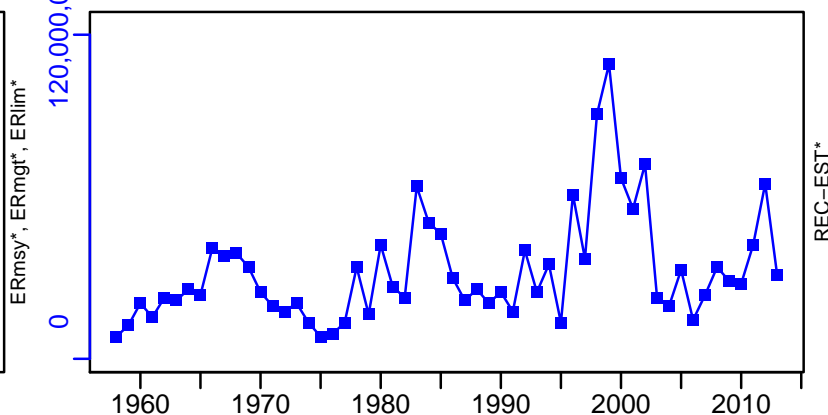
F-1/yr (1958–2016–ICESIMP2016)



ER-calc-ratio (1958–2016–ICESIMP2016)



R-E00 (1958–2016–ICESIMP2016)

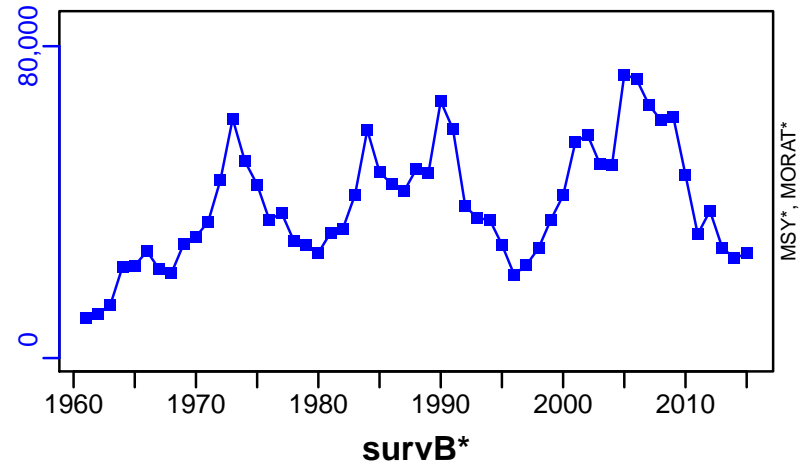




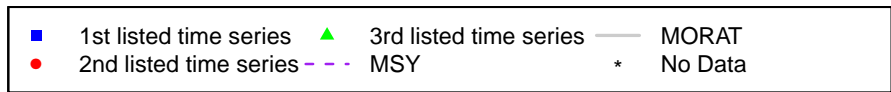
Pollock Faroe Plateau [POLLFAPL]

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

TAC\*, Cpair\*, Cadv\*



EFFORT\*



## Pollock Iceland Grounds [POLLIEG]

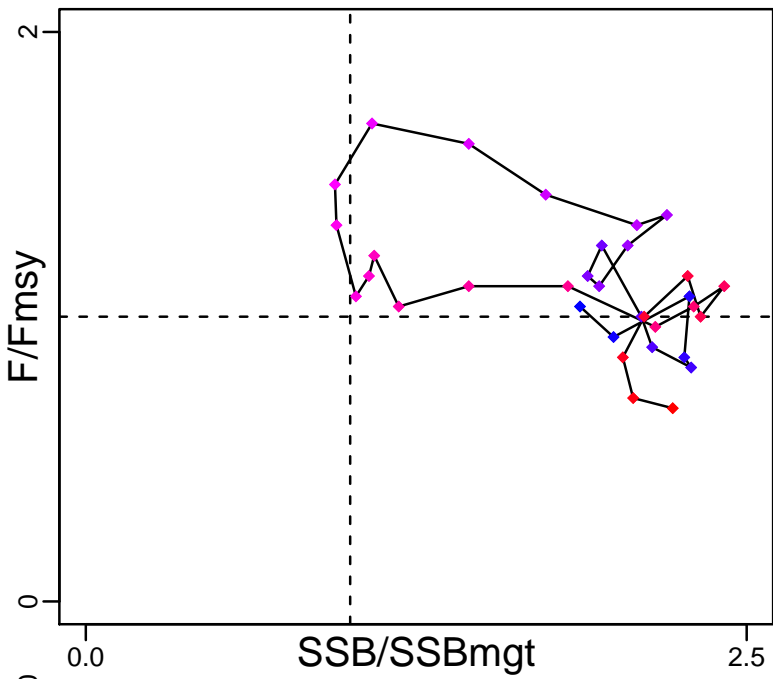
Metadata	
<b>Scientific Name</b>	Pollachius virens
<b>Current Assess ID</b>	NWWG-POLLIEG-1977-2016-ICESIMP2016
<b>Area</b>	Iceland Grounds
<b>Management Authority</b>	International Council for the Exploration of the Sea
<b>Assessor</b>	North-Western Working Group
<b>Asmts in RAM</b>	2012, 2013, 2014,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

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

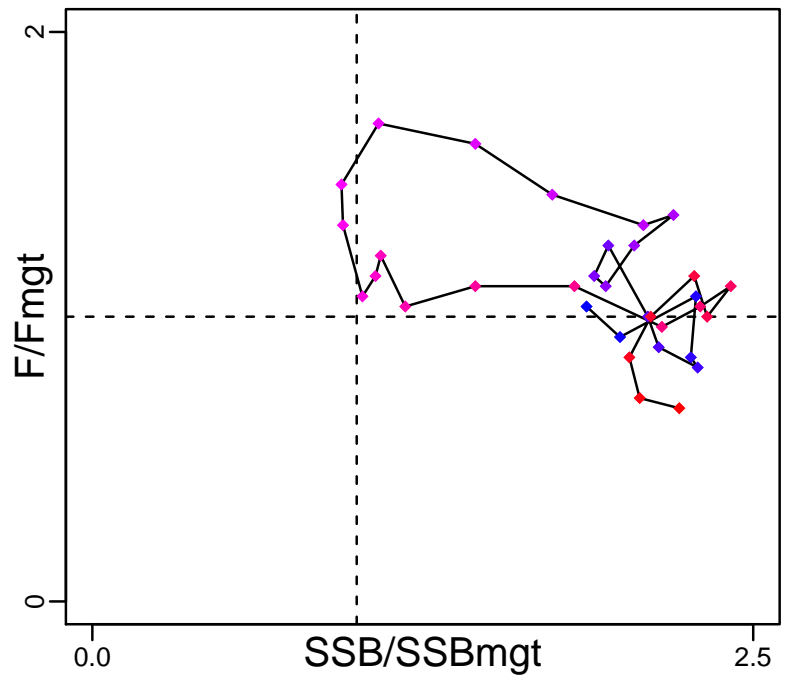
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
<b>TB</b>	TB-MT	2013	321,000	Both	-
<b>SSB</b>	SSB-MT	2016	144,000	Both	-
<b>TN</b>	-	-	-	-	-
<b>R</b>	R-E00	2016	30,400,000	-	3
<b>F</b>	F-1/yr	2016	0.205	-	4 to 9
<b>ER</b>	ER-calc-ratio	2013	0.167	-	-
<b>TC</b>	-	-	-		
<b>TL</b>	TL-MT	2016	48,500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

# Pollock Iceland Grounds [POLLIEG]

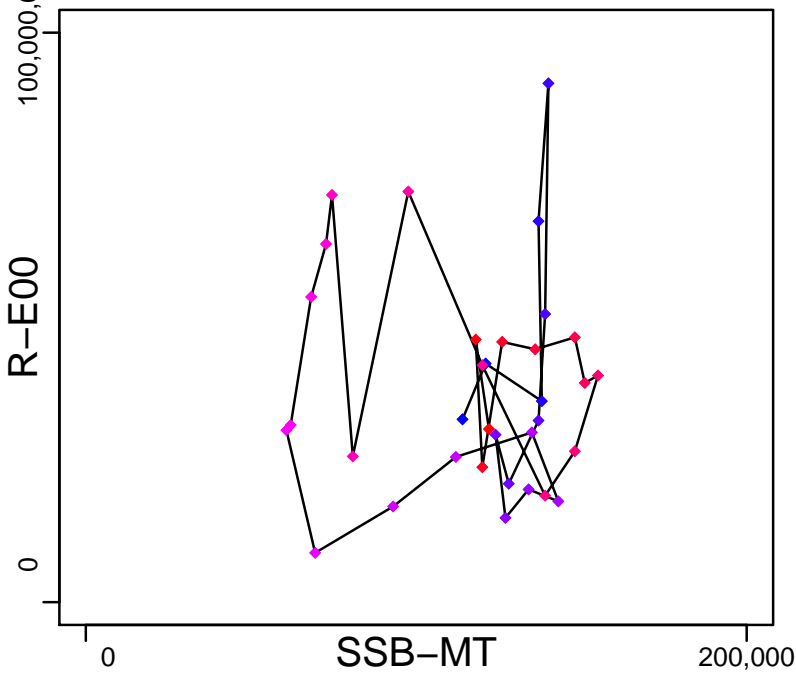
Kobe MSYpref (1977–2013–ICESIMP2016)



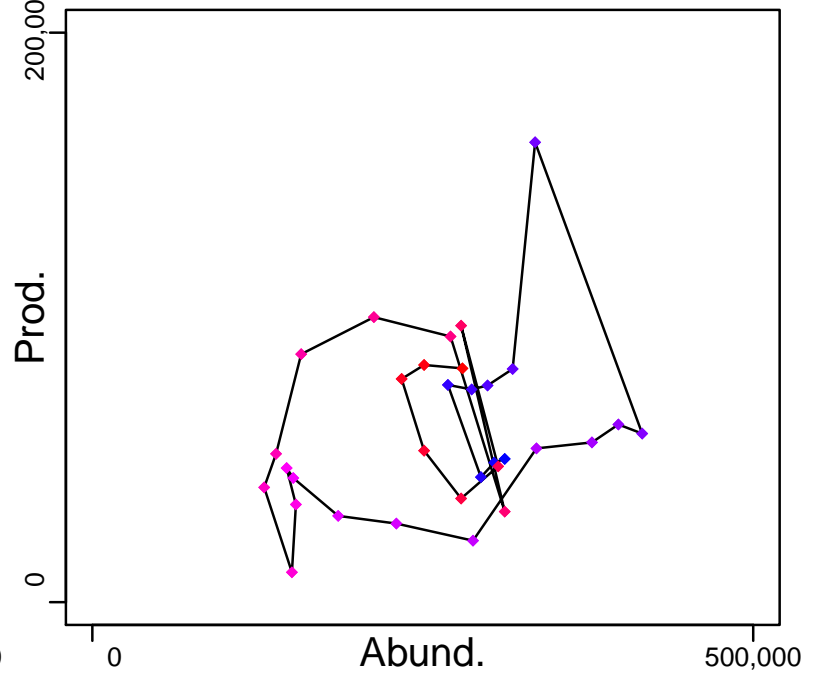
Kobe MGTpref (1977–2013–ICESIMP2016)



Spawner Recruit (1977–2016–ICESIMP2016)



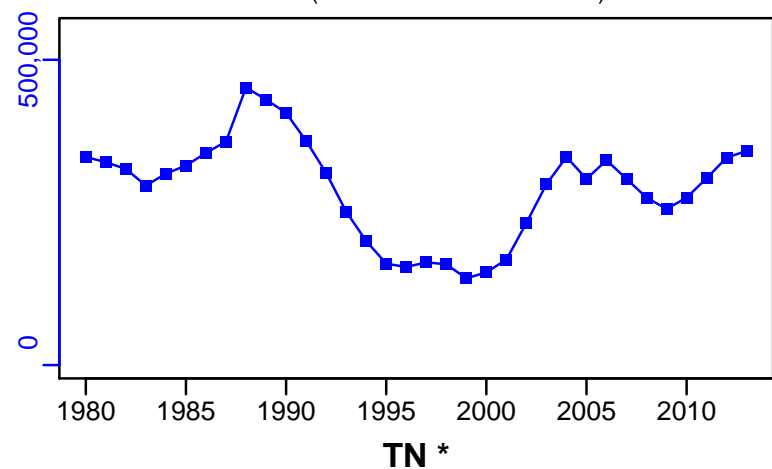
Production (1977–2013–ICESIMP2016)



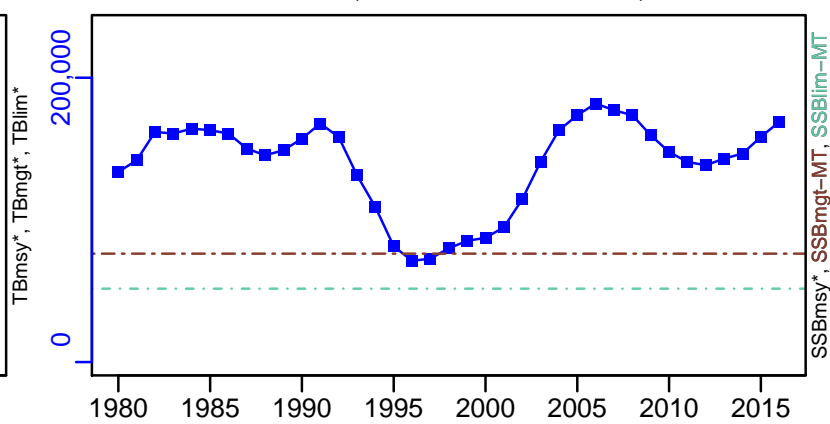
◆ Start Year ◆ End Year \* No Data

# Pollock Iceland Grounds [POLLIEG]

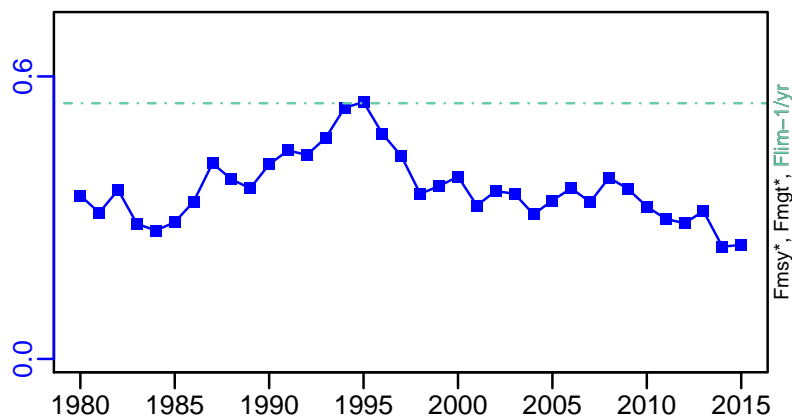
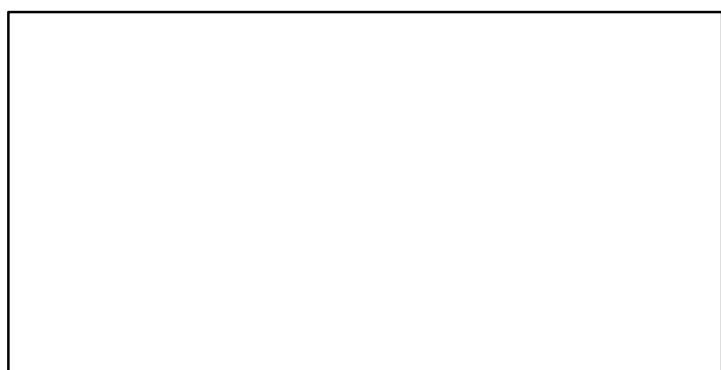
TB-MT (1977-2013-ICESIMP2016)



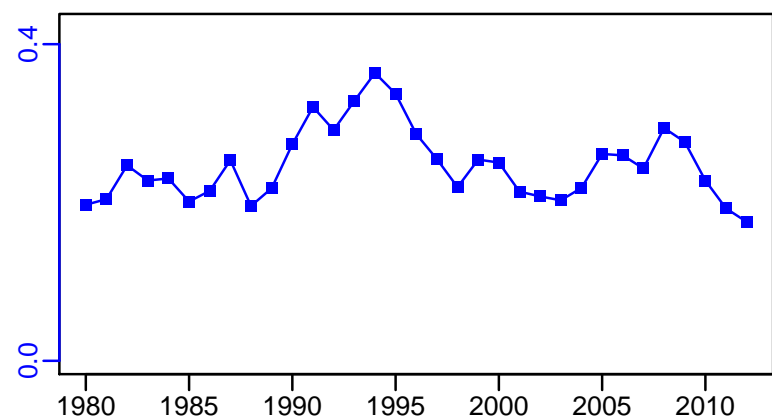
SSB-MT (1977-2016-ICESIMP2016)



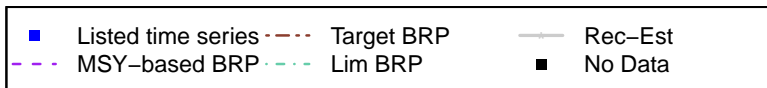
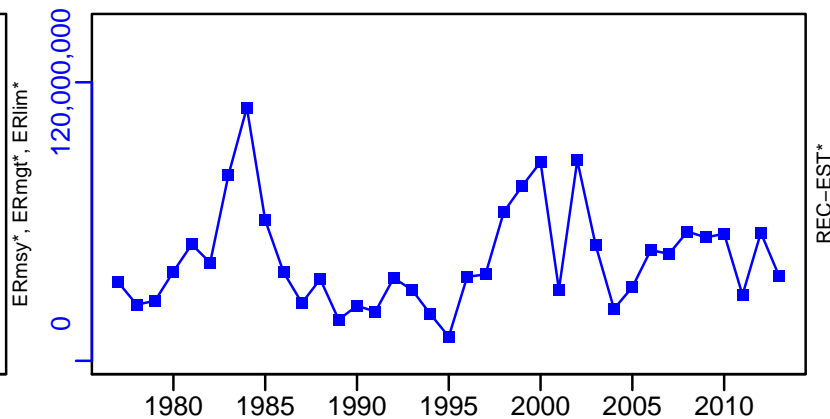
F-1/yr (1977-2016-ICESIMP2016)



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

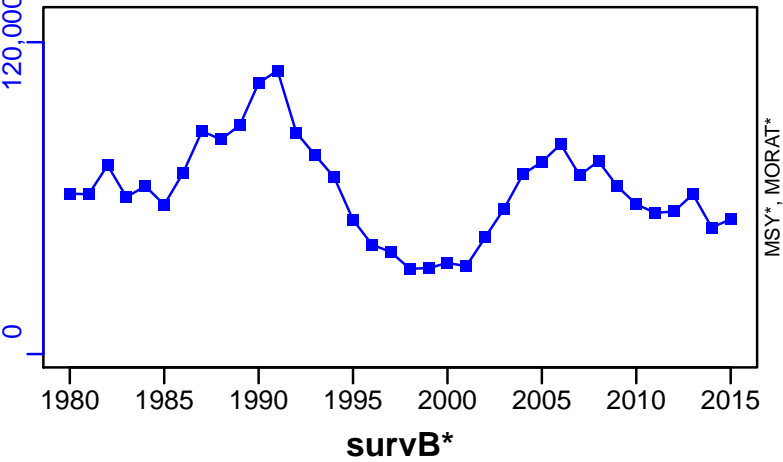


R-E00 (1977-2016-ICESIMP2016)



Pollock Iceland Grounds [POLLIEG]

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



TAC\*, Cpair\*, Cadv\*



CPUE\*



EFFORT\*



## Pollock Northeast Arctic [POLLNEAR]

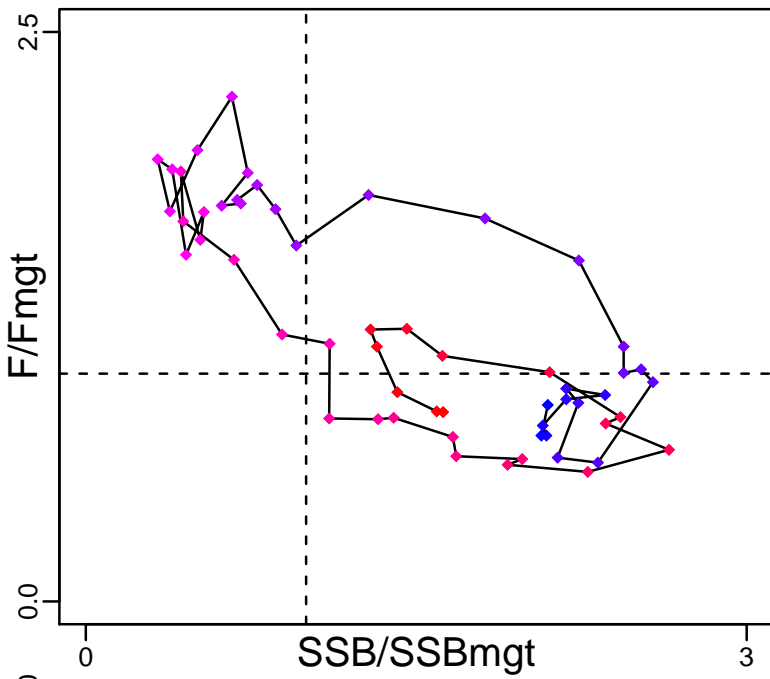
Metadata	
<b>Scientific Name</b>	Pollachius virens
<b>Current Assess ID</b>	AFWG-POLLNEAR-1957-2016-ICESIMP2016
<b>Area</b>	North-East Arctic
<b>Management Authority</b>	International Council for the Exploration of the Sea
<b>Assessor</b>	Arctic Fisheries Working Group
<b>Asmts in RAM</b>	2012, 2014,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

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

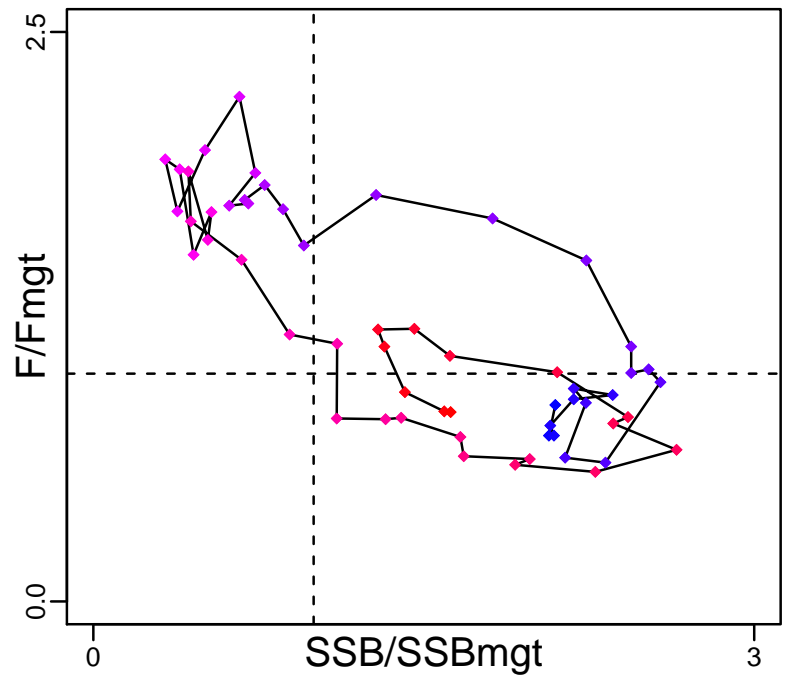
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
<b>TB</b>	TB-MT	2016	601,000	Both	-
<b>SSB</b>	SSB-MT	2016	391,000	Both	-
<b>TN</b>	-	-	-	-	-
<b>R</b>	R-E00	2016	$1.57 \times 10^8$	-	3
<b>F</b>	F-1/yr	2016	0.266	-	4 to 7
<b>ER</b>	ER-calc-ratio	2016	0.219	-	-
<b>TC</b>	TC-MT	2016	132,000		
<b>TL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

# Pollock Northeast Arctic [POLLNEAR]

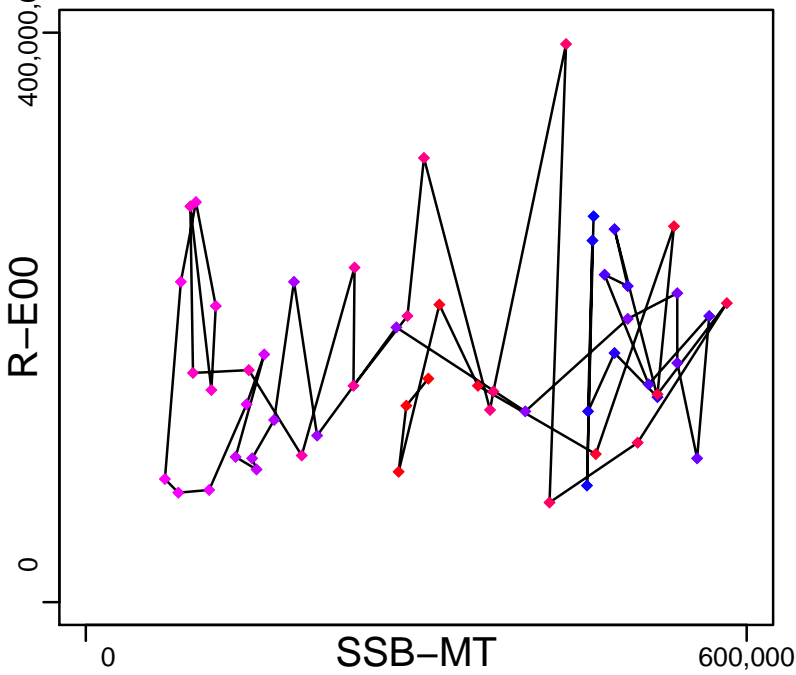
Kobe MSYpref (1957–2016–ICESIMP2016)



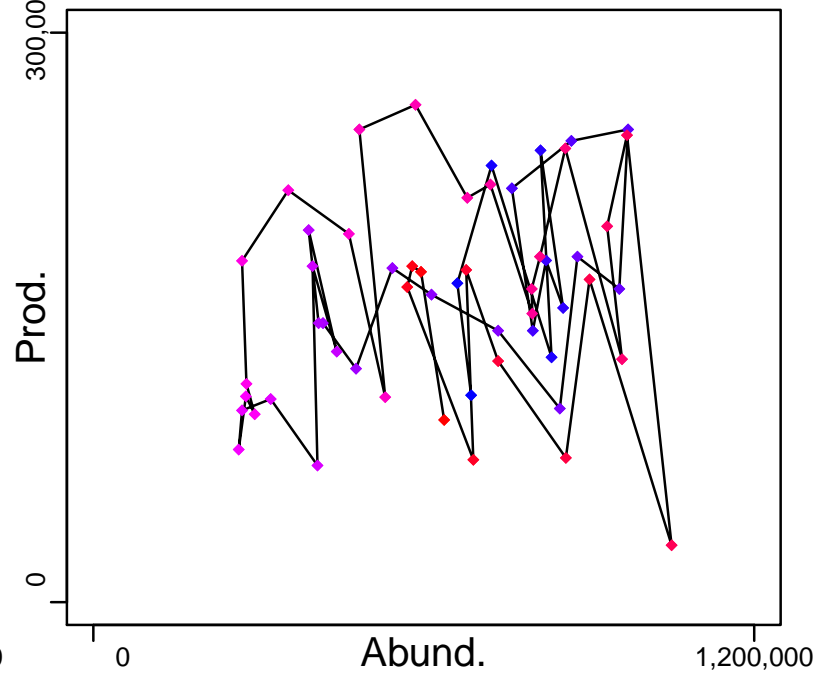
Kobe MGTpref (1957–2016–ICESIMP2016)



Spawner Recruit (1957–2016–ICESIMP2016)



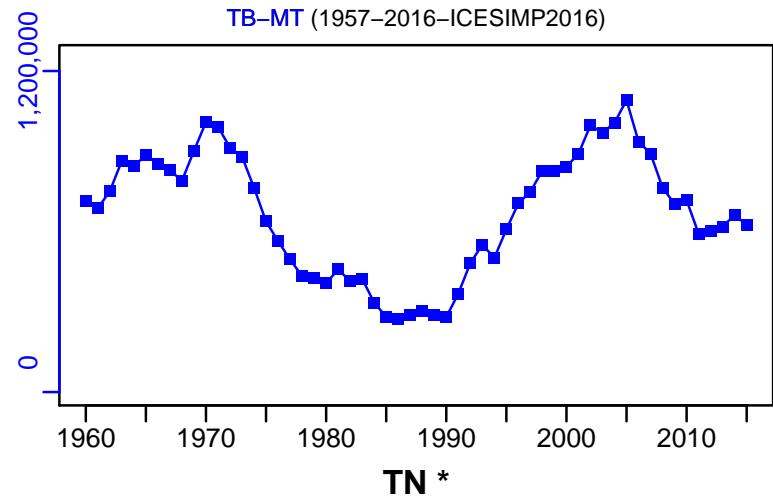
Production (1957–2016–ICESIMP2016)



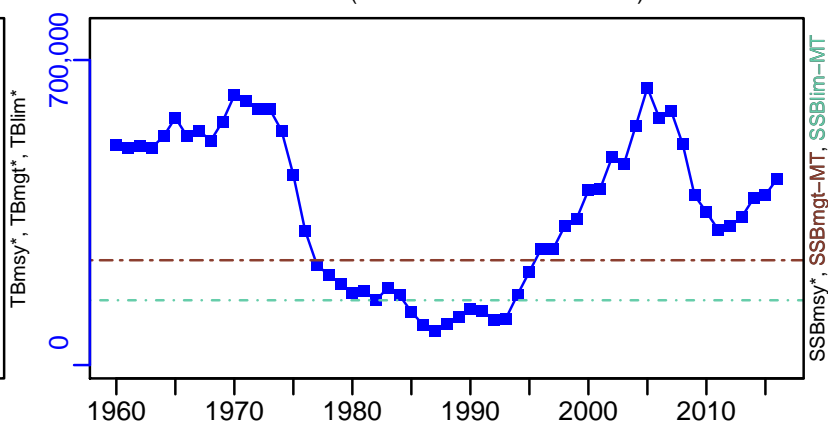
◆ Start Year ◆ End Year \* No Data

# Pollock Northeast Arctic [POLLNEAR]

TB-MT (1957–2016–ICESIMP2016)



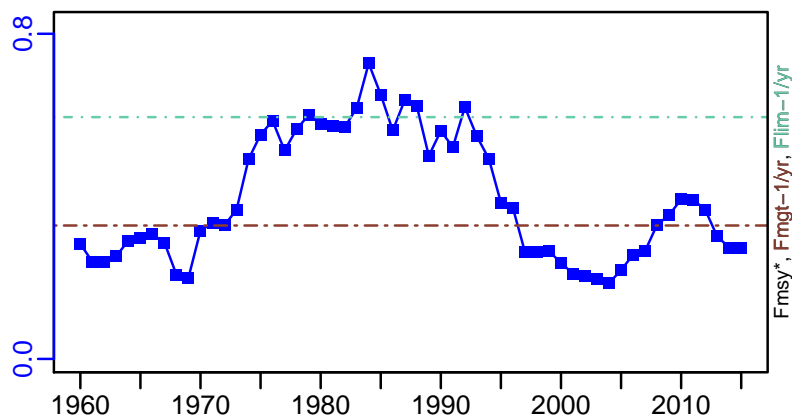
SSB-MT (1957–2016–ICESIMP2016)



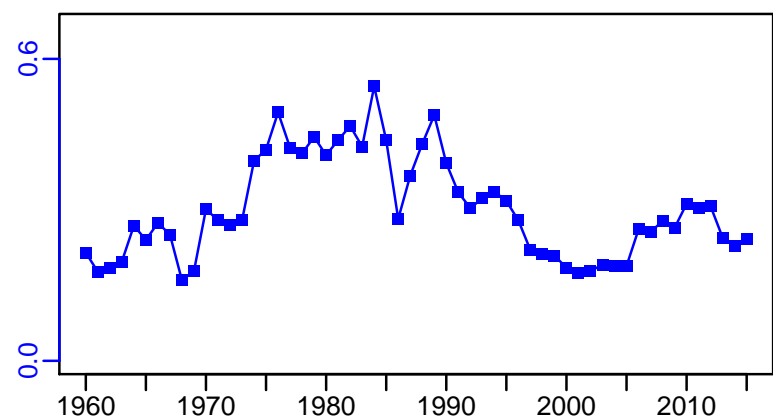
TN \*



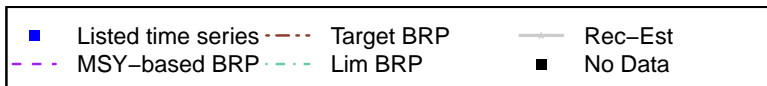
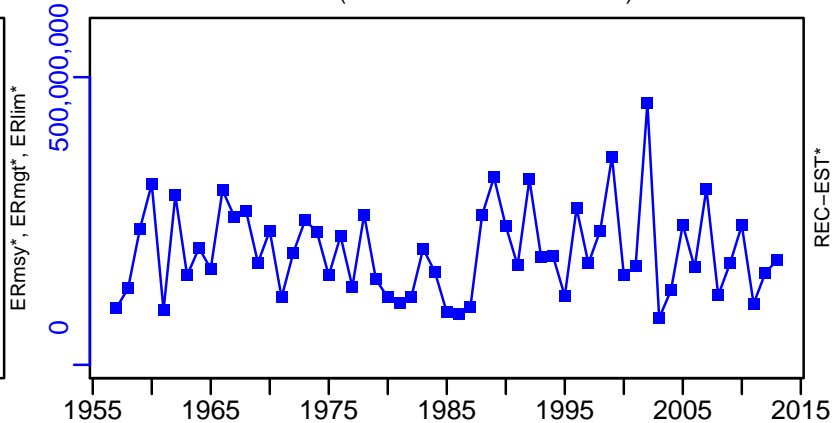
F-1/yr (1957–2016–ICESIMP2016)



ER-calc-ratio (1957–2016–ICESIMP2016)



R-E00 (1957–2016–ICESIMP2016)

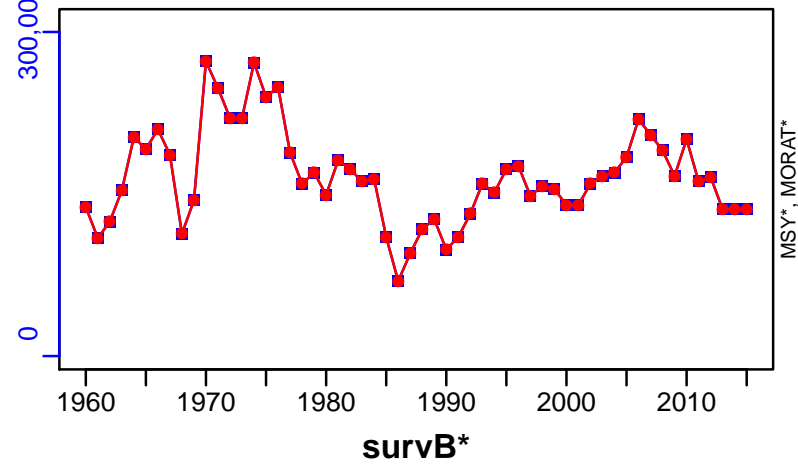




# Pollock Northeast Arctic [POLLNEAR]

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

TAC\*, Cpair\*, Cadv\*



EFFORT\*

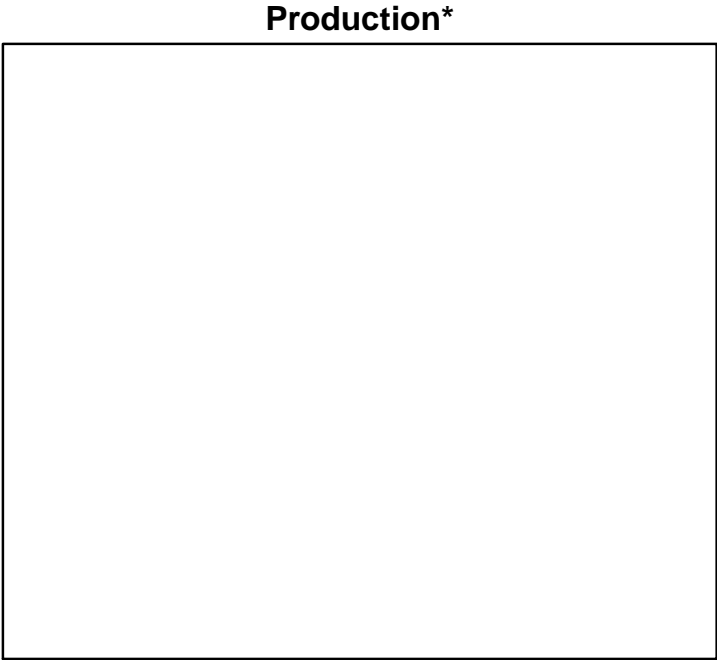


## Deepwater Redfish Northeast Arctic [REDDEEPI-II]

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



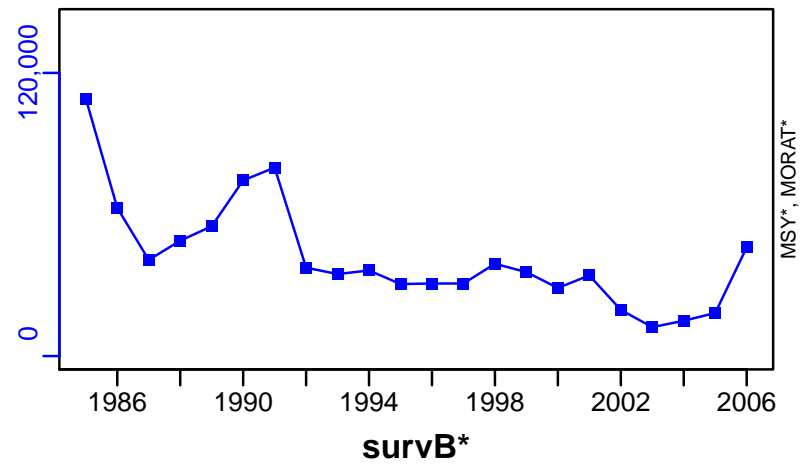
Recruits\*



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

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]

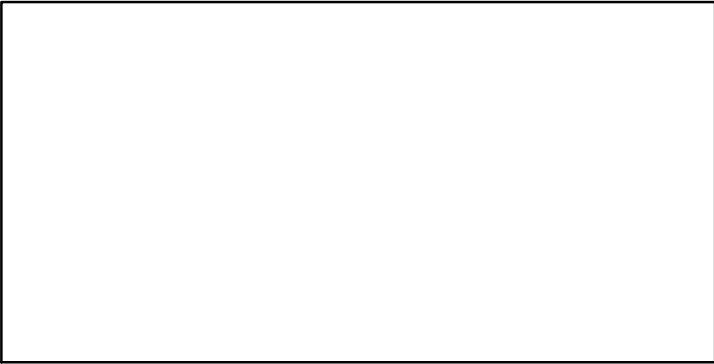
**TB\***



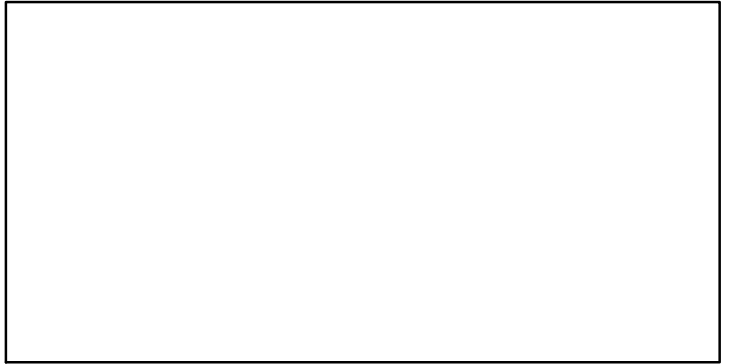
**SSB\***



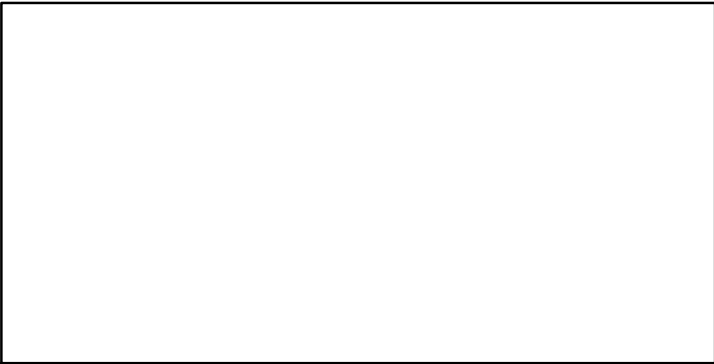
**TN \***



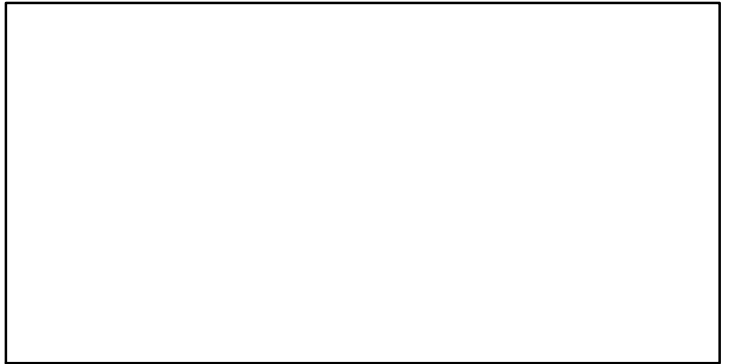
**F\***



**ER\***



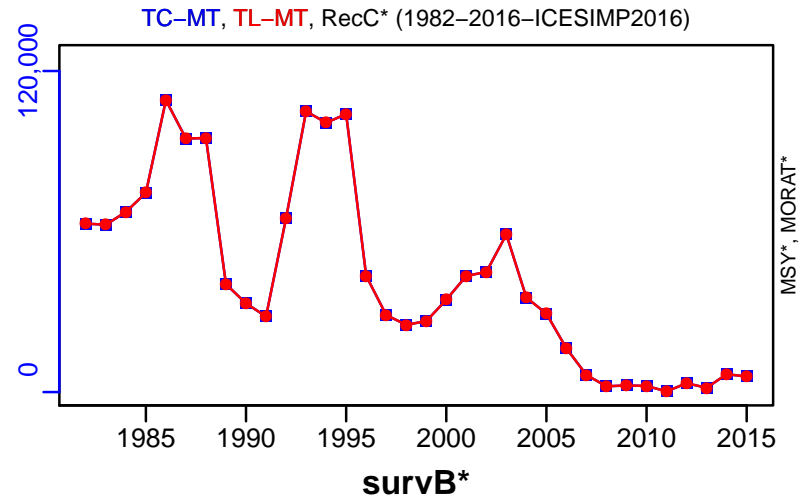
**Recruits\***





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

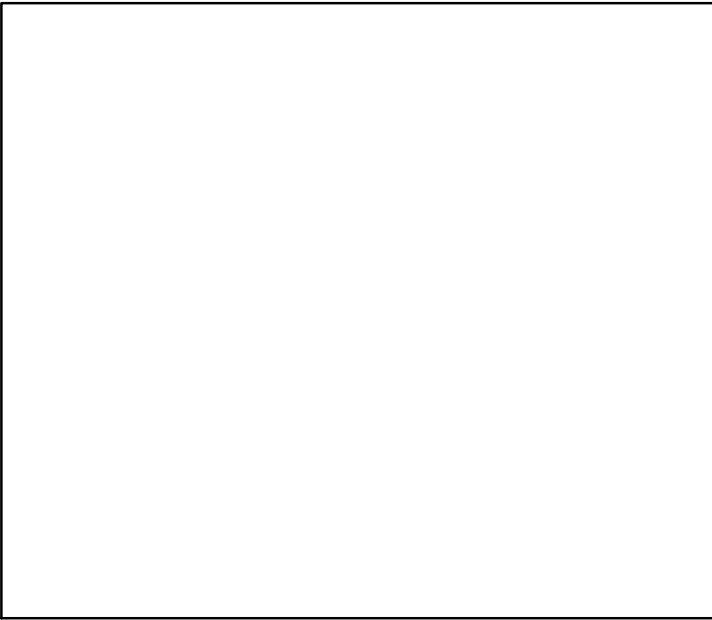
## Beaked Redfish Va and XIV [REDDEEPVa-XIV]

Metadata	
<b>Scientific Name</b>	Sebastes mentella
<b>Current Assess ID</b>	NWWG-REDDEEPVa-XIV-1978-2016-ICESIMP2016
<b>Area</b>	Va and XIV
<b>Management Authority</b>	International Council for the Exploration of the Sea
<b>Assessor</b>	North-Western Working Group
<b>Asmts in RAM</b>	2016

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	-	-	-		

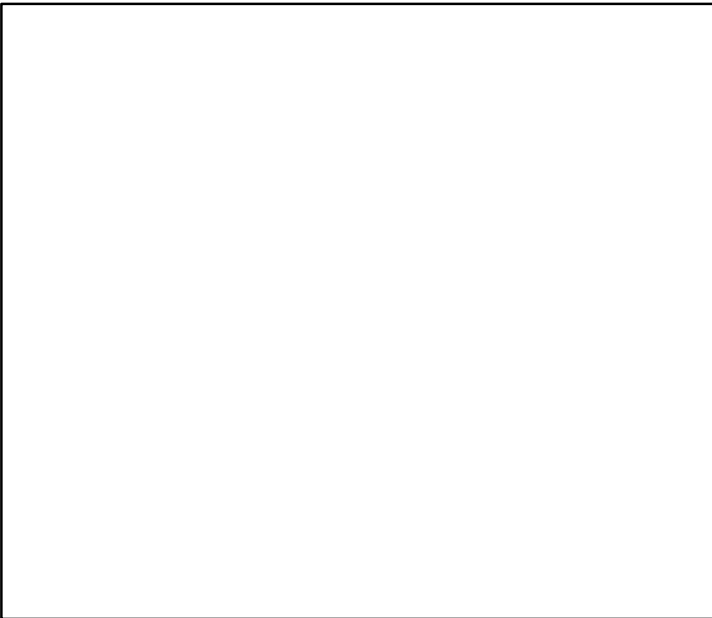
**Kobe MSY\***



**Kobe MGT\***



**Spawner Recruit\***



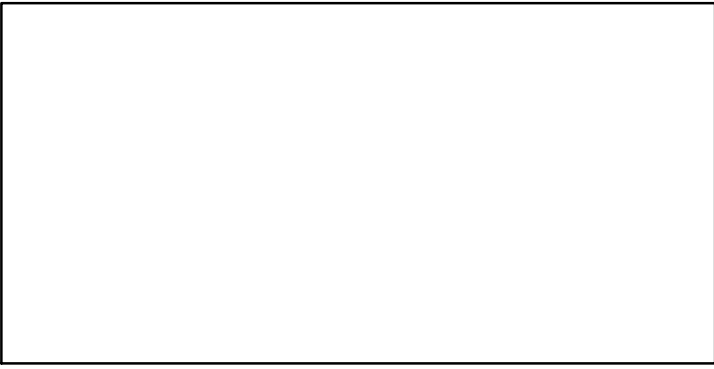
**Production\***



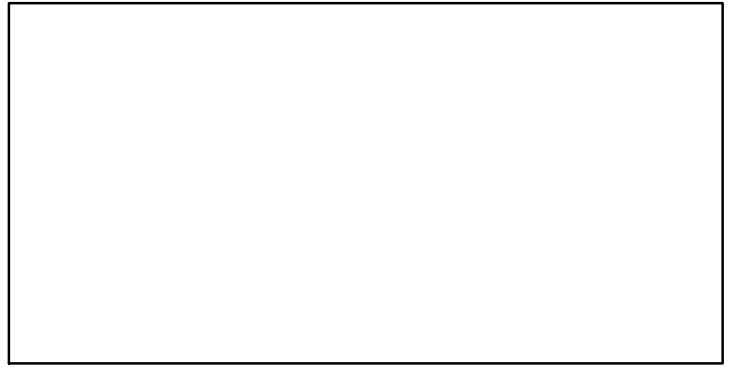
◆ Start Year ◆ End Year \* No Data

Beaked Redfish Va and XIV [REDDEEPVa–XIV]

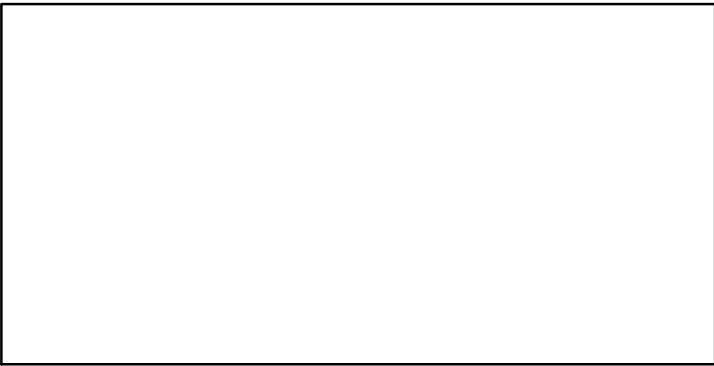
**TB\***



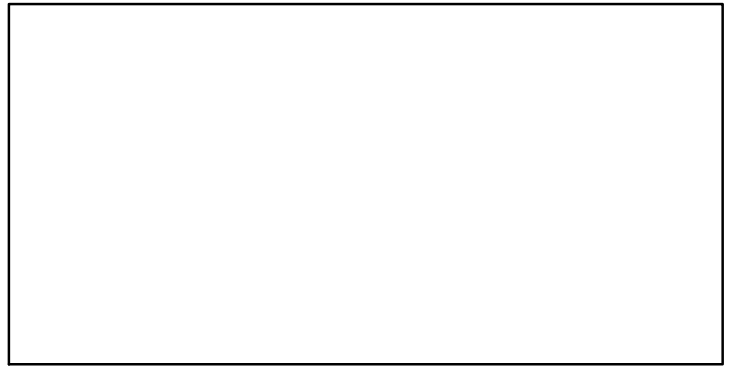
**SSB\***



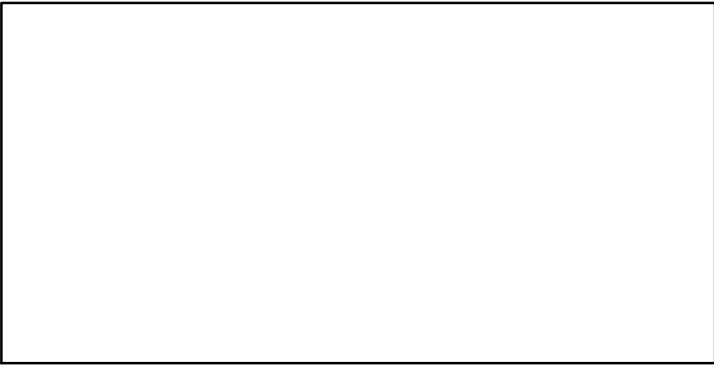
**TN \***



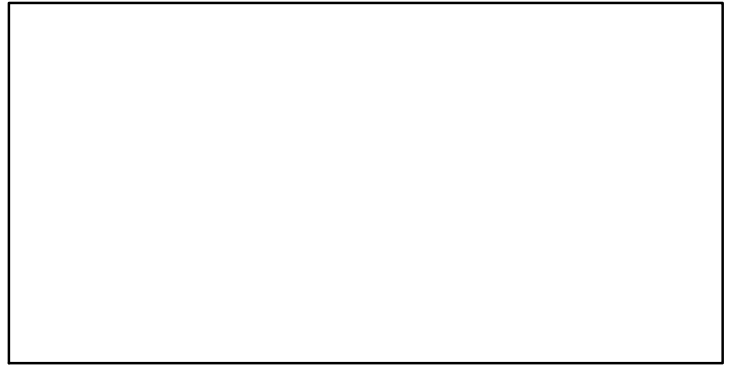
**F\***



**ER\***



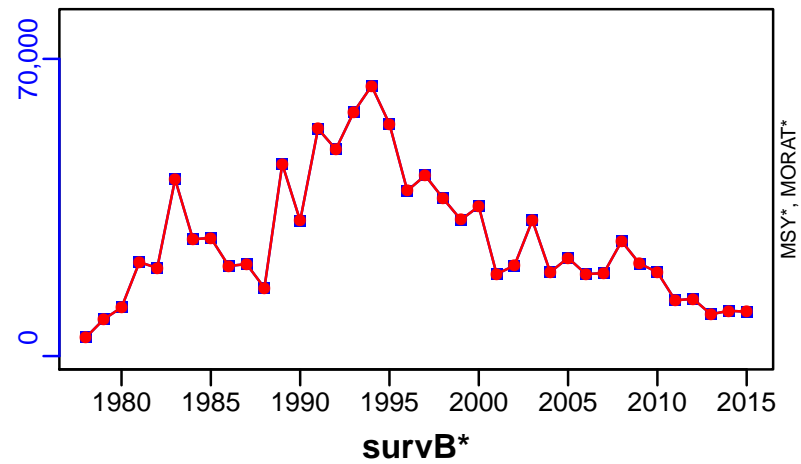
**Recruits\***



# Beaked Redfish Va and XIV [REDDEEPVa-XIV]

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

TAC\*, Cpair\*, Cadv\*



EFFORT\*

