

# Europe non EU Stocks

## v4.25 (Dec-14-2017)

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## 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	-	-	-		
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

Blue ling Va and XIV [BLINGVa–XIV]

TB\*



SSB\*



TN \*



F\*



ER\*



Recruits\*



TC\*, TL\*, RecC\*



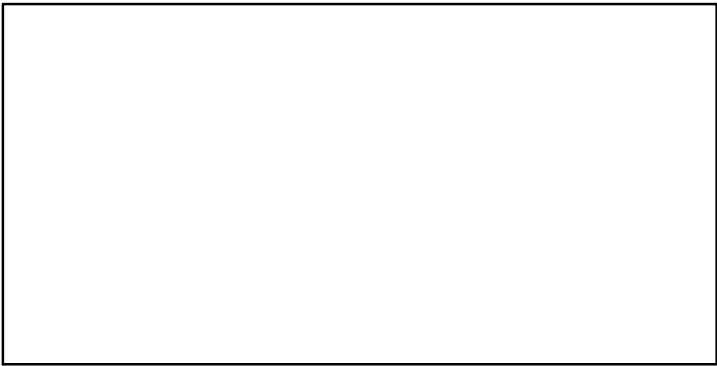
TAC\*, Cpair\*, Cadv\*



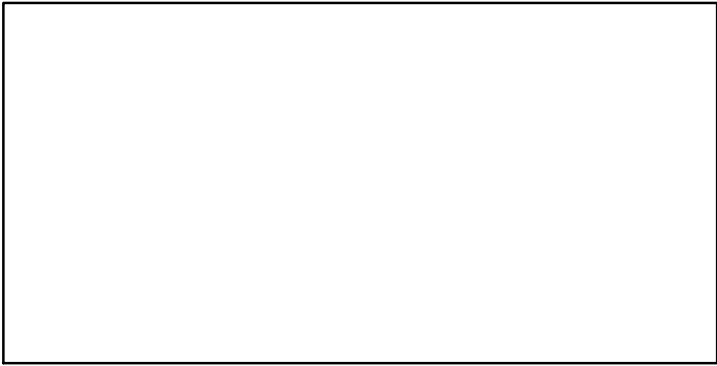
survB\*



CPUE\*



EFFORT\*



■

1st listed time series

●

2nd listed time series

▲

3rd listed time series

- -

MSY

—

MORAT

\*

No Data

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

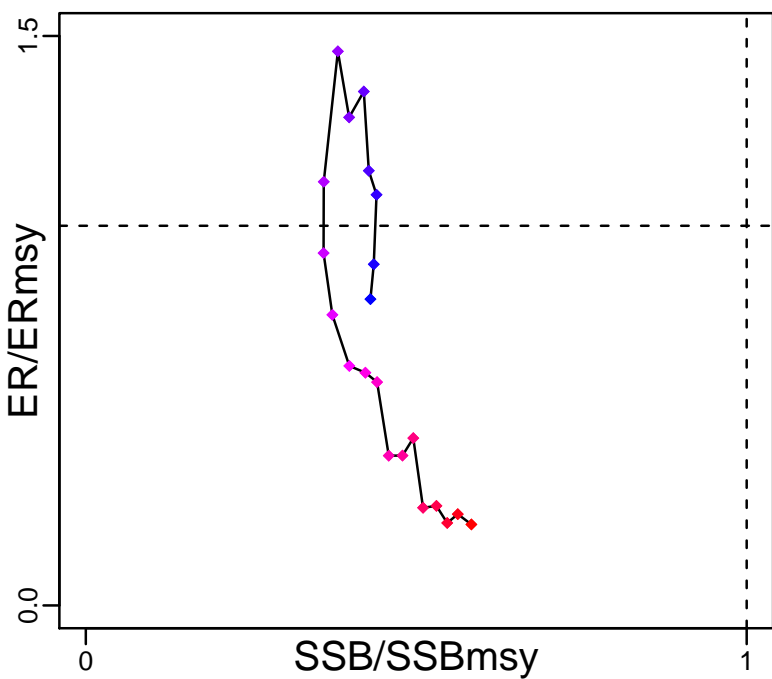
Metadata	
<b>Scientific Name</b>	Molva dypterygia
<b>Current Assess ID</b>	WGDEEP-BLINGVb-VI-VII-1966-2016-ICESIMP2016
<b>Area</b>	Vb-VI-VII
<b>Management Authority</b>	International Council for the Exploration of the Sea
<b>Assessor</b>	Working Group on the Biology and Assessment of Deep-Sea Fisheries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

Reference Points			
Type	ID	Asmt Year	Value
<b>TBmsy</b>	-	-	-
<b>SSBmsy</b>	SSBmsy-est-MT	2016	159,012
<b>Fmsy</b>	Fmsy-1/yr	2016	0.12
<b>ERmsy</b>	ERmsy-est-ratio	2016	0.06
<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>	MSY-est-MT	2016	21,787
<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>	-	-	-

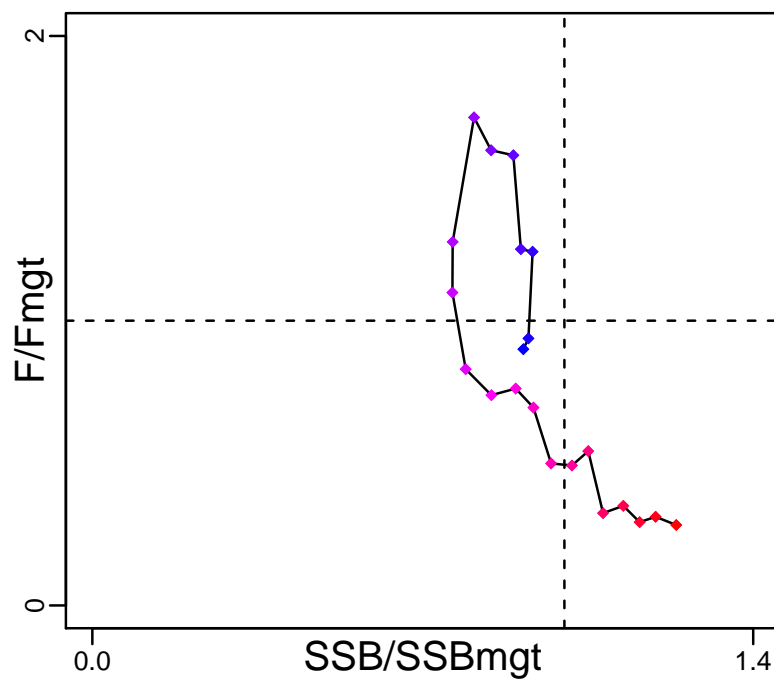
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
<b>TB</b>	-	-	-	-	-
<b>SSB</b>	-	-	-	-	-
<b>TN</b>	-	-	-	-	-
<b>R</b>	-	-	-	-	-
<b>F</b>	-	-	-	-	-
<b>ER</b>	-	-	-	-	-
<b>TC</b>	-	-	-		
<b>TL</b>	-	-	-		
<b>TB/TBmsy</b>	-	-	-		
<b>SSB/SSBmsy</b>	-	-	-		
<b>F/Fmsy</b>	-	-	-		
<b>ER/ERmsy</b>	ER-calc-ratio/ERmsy-est-ratio	2016	0.21		
<b>TB/TBmgt</b>	-	-	-		
<b>SSB/SSBmgt</b>	-	-	-		
<b>F/Fmgt</b>	-	-	-		
<b>ER/ERmgt</b>	-	-	-		

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

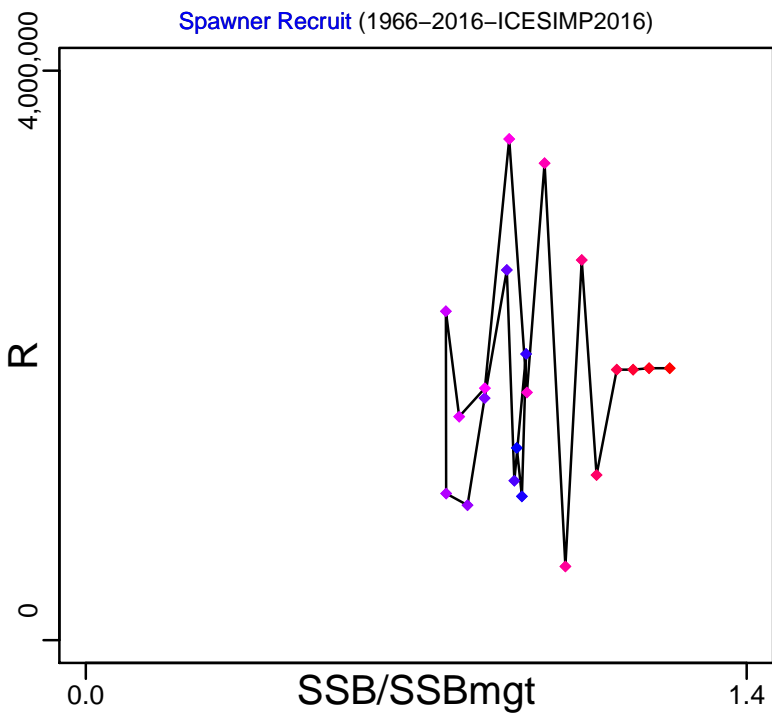
Kobe MSYpref (1966-2016-ICESIMP2016)



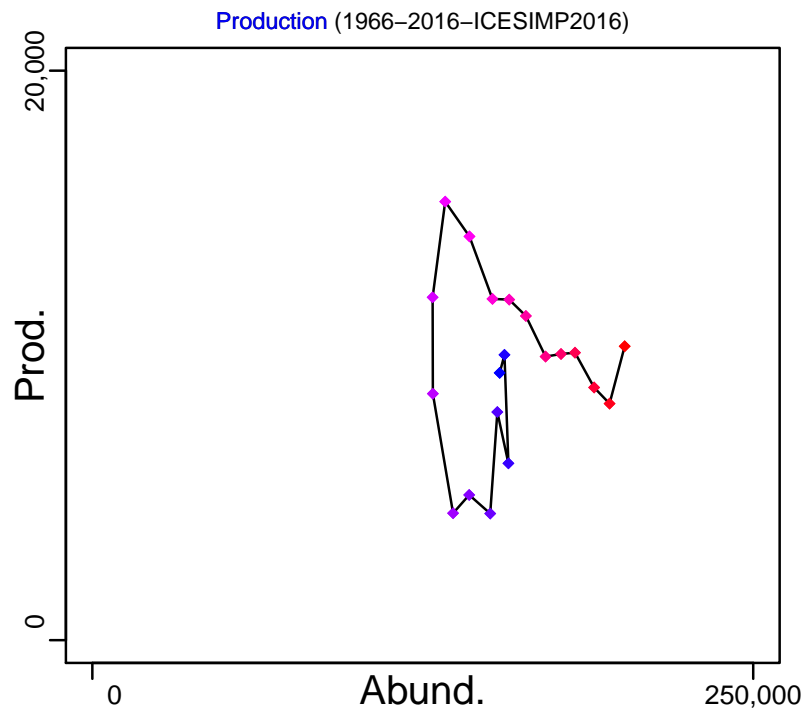
Kobe MGTpref (1966-2016-ICESIMP2016)



Spawner Recruit (1966-2016-ICESIMP2016)



Production (1966-2016-ICESIMP2016)



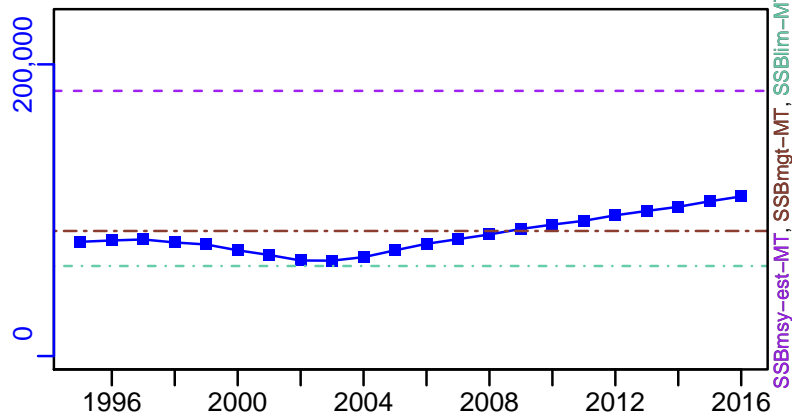
◆ Start Year ◆ End Year \* No Data

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

TB\*



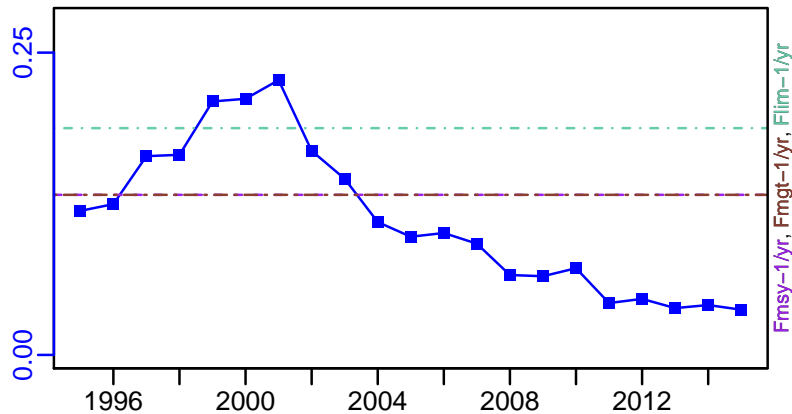
SSB-MT (1966-2016-ICESIMP2016)



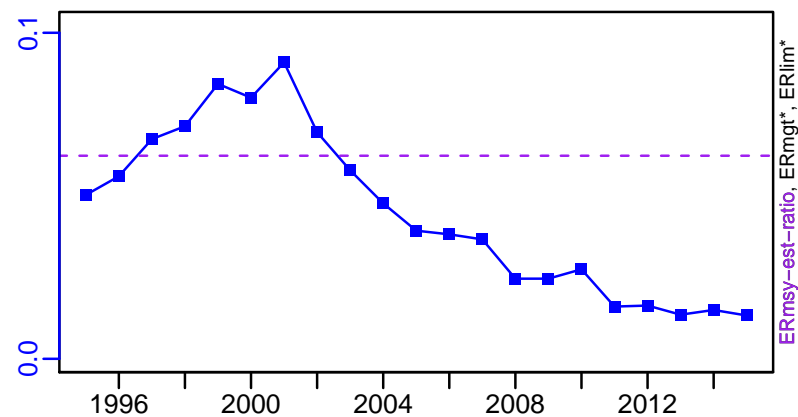
TN \*



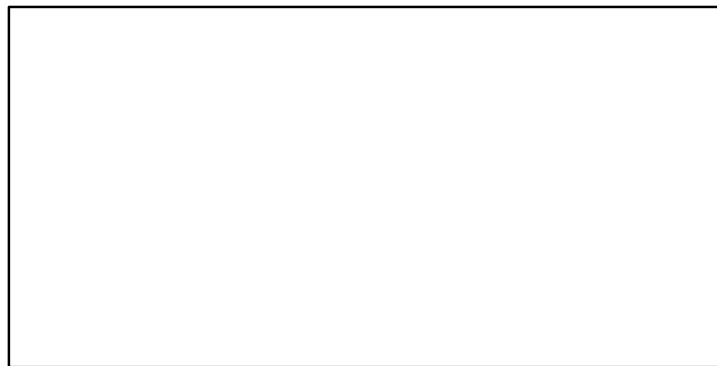
F-1/yr (1966-2016-ICESIMP2016)



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



Recruits\*

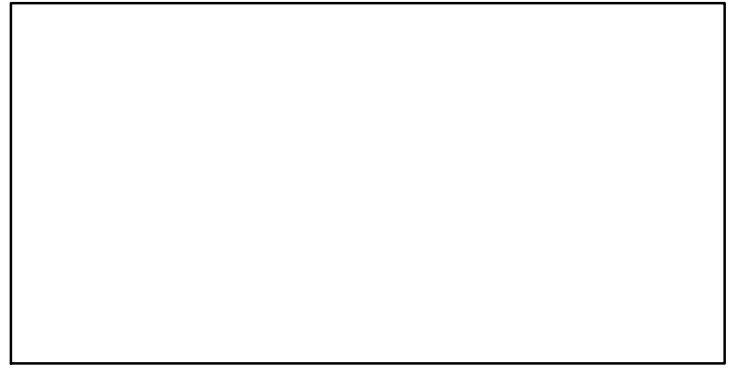




**TC\*, TL\*, RecC\***



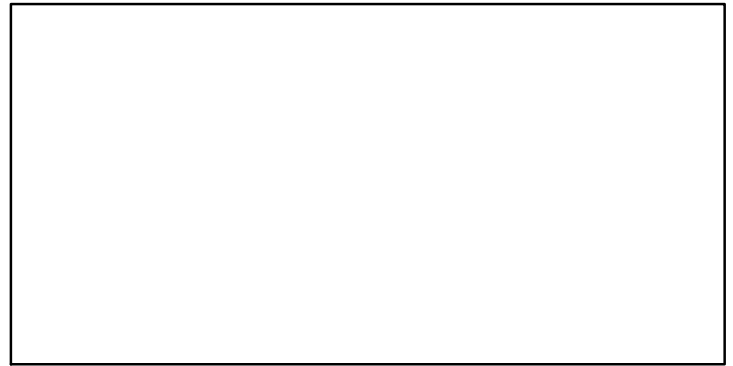
**TAC\*, Cpair\*, Cadv\***



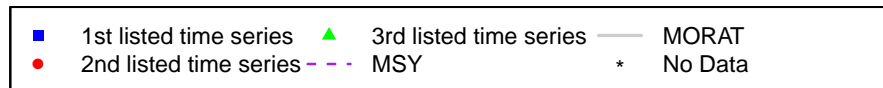
**survB\***



**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	$7.8 \times 10^{10}$	-	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]

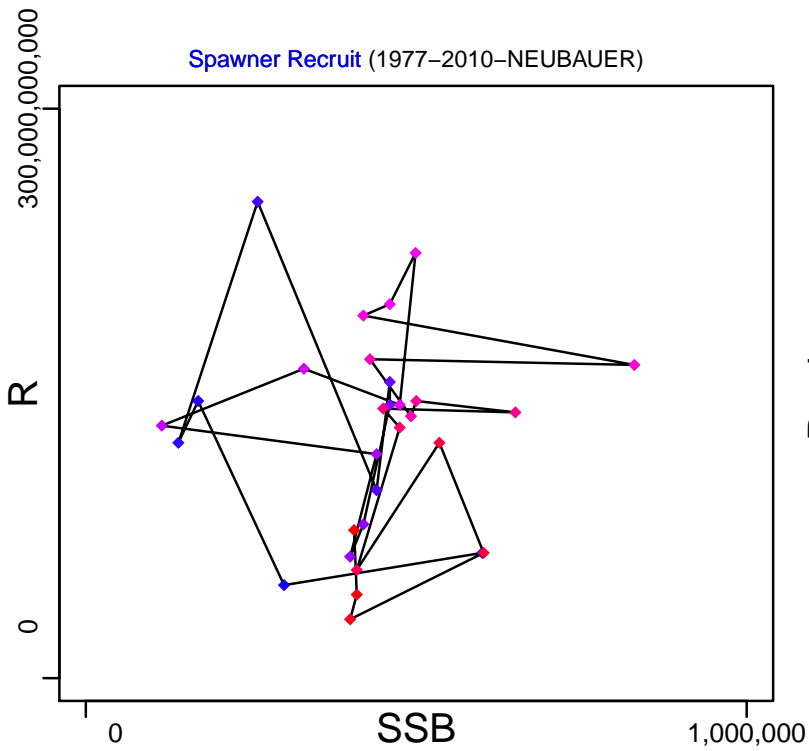
Kobe MSY\*



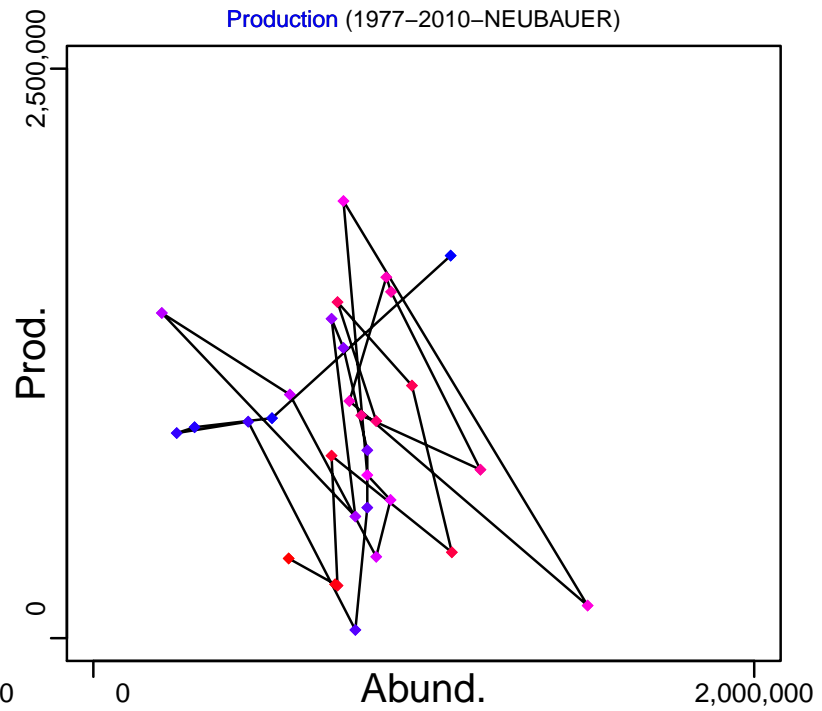
Kobe MGT\*



Spawner Recruit (1977–2010–NEUBAUER)



Production (1977–2010–NEUBAUER)



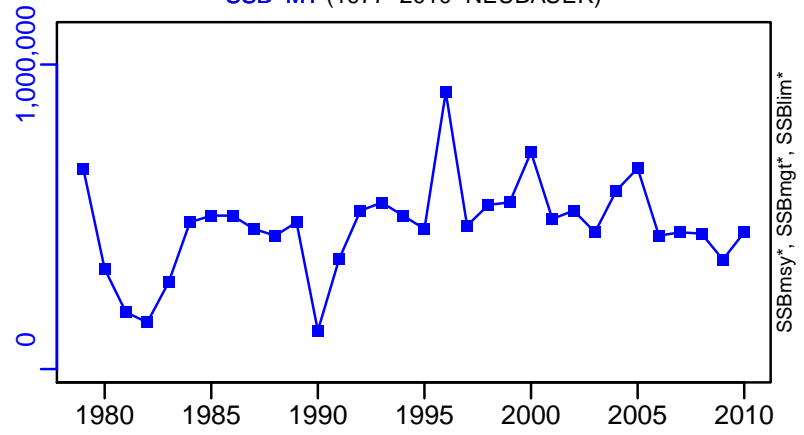
◆ Start Year ◆ End Year \* No Data

# Capelin Iceland [CAPEICE]

TB\*



SSB-MT (1977-2010-NEUBAUER)



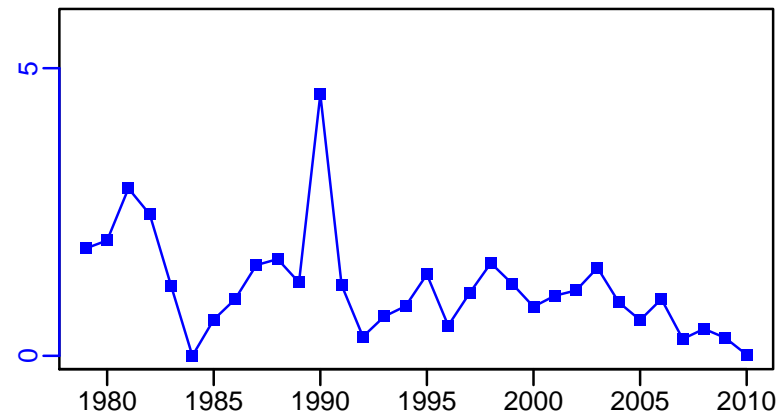
TN \*



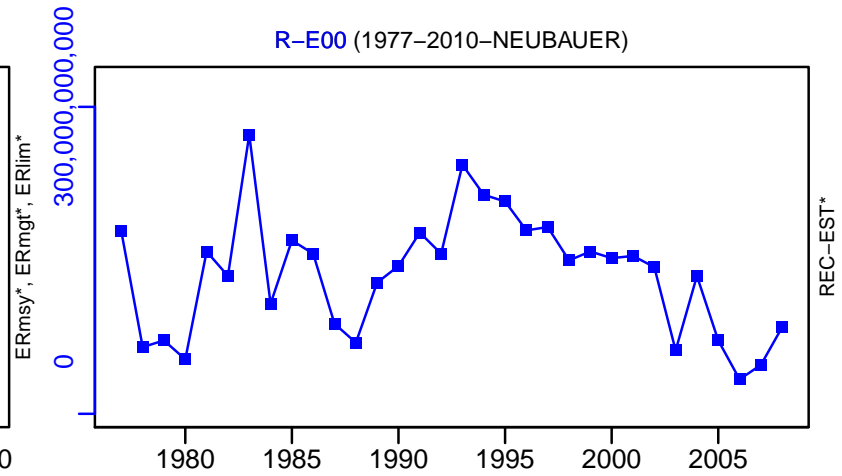
F\*



ER-ratio (1977-2010-NEUBAUER)

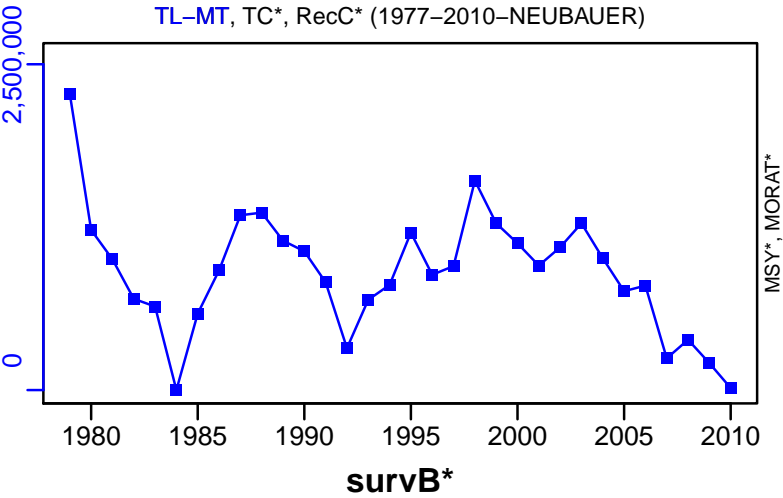


R-E00 (1977-2010-NEUBAUER)



Capelin Iceland [CAPEICE]

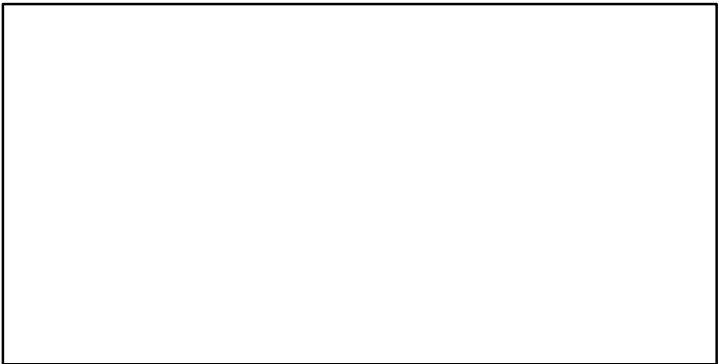
TL-MT, TC\*, RecC\* (1977-2010-NEUBAUER)



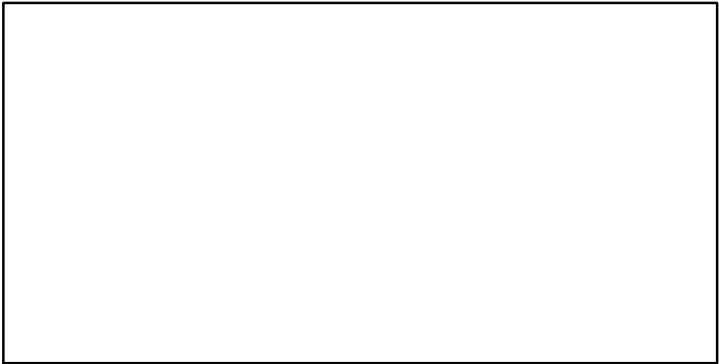
TAC\*, Cpair\*, Cadv\*



CPUE\*



EFFORT\*



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

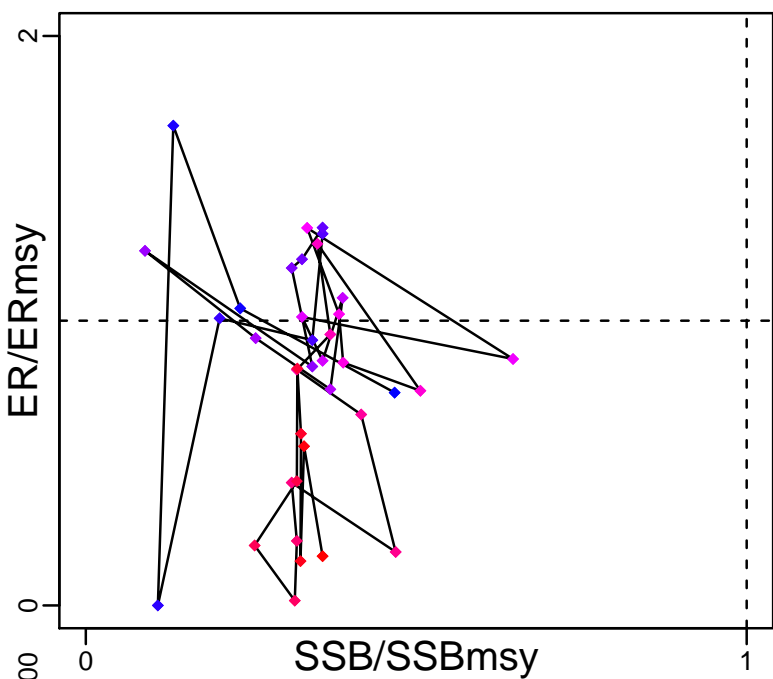
Metadata	
Scientific Name	Mallotus villosus
Current Assess ID	NWWG-CAPEIla-V-XIV-1978-2016-ICESIMP2016
Area	Ila-V-XIV
Management Authority	International Council for the Exploration of the Sea
Assessor	North-Western Working Group
Asmts in RAM	2014, 2016, 2015

Reference Points			
Type	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	SSBmsy-est-MT	2016	1,283,951
Fmsy	-	-	-
ERmsy	ERmsy-est-ratio	2016	0.65
TBmgt	-	-	-
SSBmgt	-	-	-
Fmgt	-	-	-
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	MSY-est-MT	2016	2,806,045
M	-	-	-
TBlim	-	-	-
SSBlim	SSBlim-MT	2016	150,000
Flim	-	-	-
ERlim	-	-	-

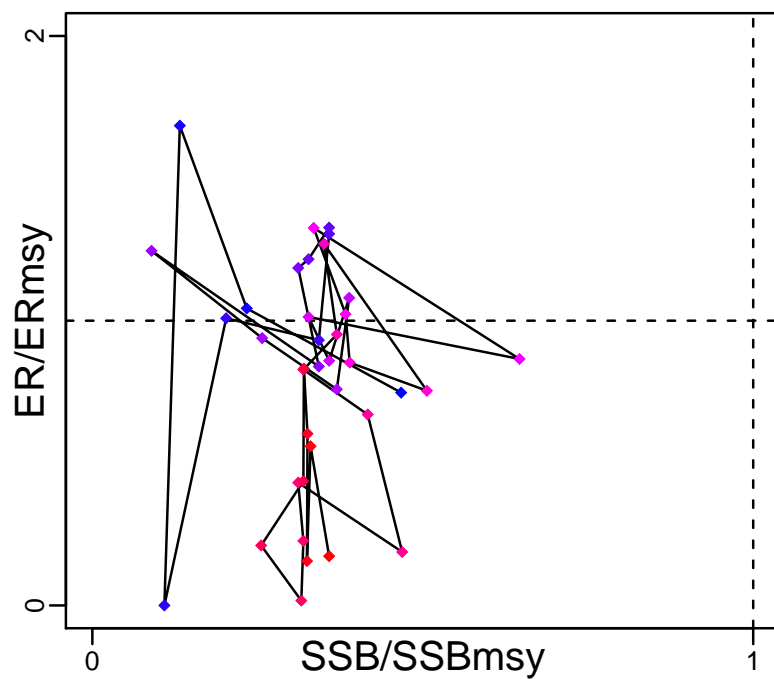
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	-	-	-	-	-
SSB	-	-	-	-	-
TN	-	-	-	-	-
R	-	-	-	-	-
F	-	-	-	-	-
ER	-	-	-	-	-
TC	-	-	-		
TL	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	ER-calc-ratio/ERmsy-est-ratio	2016	0.17		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

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

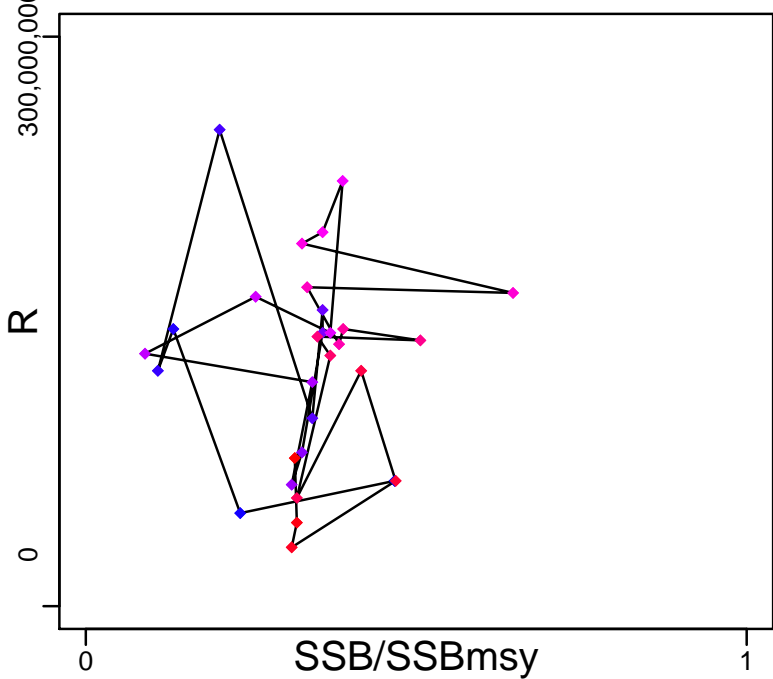
Kobe MSYpref (1978–2016–ICESIMP2016)



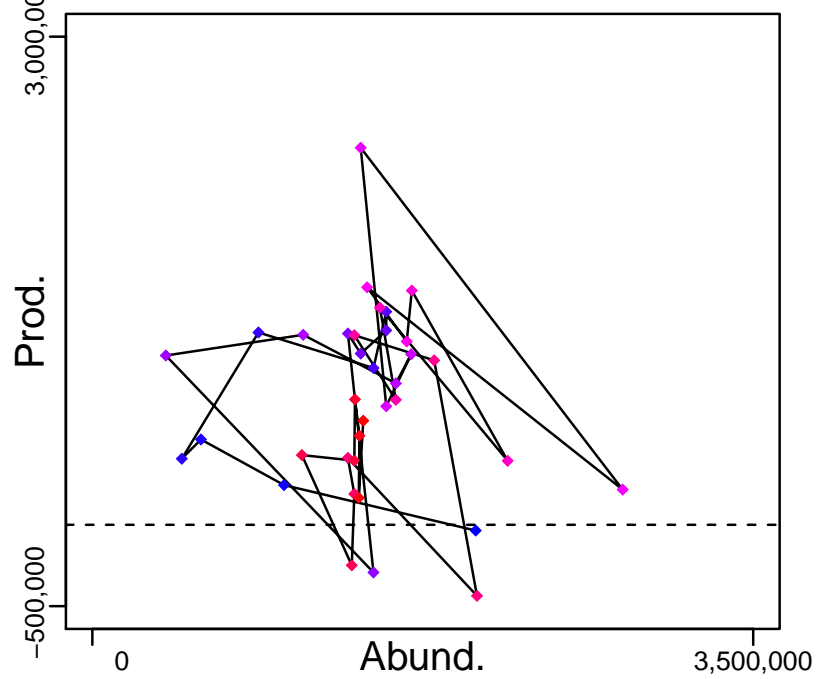
Kobe MGTpref (1978–2016–ICESIMP2016)



Spawner Recruit (1978–2016–ICESIMP2016)



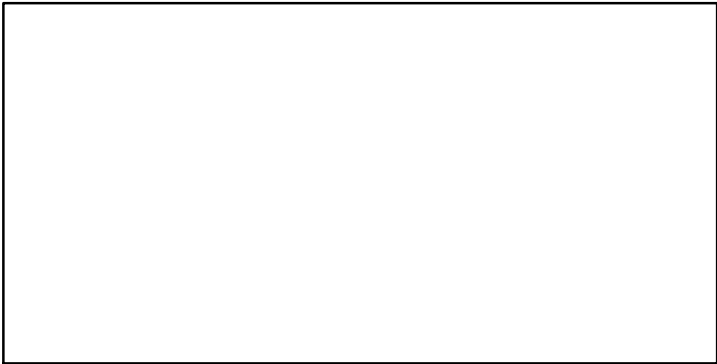
Production (1978–2016–ICESIMP2016)



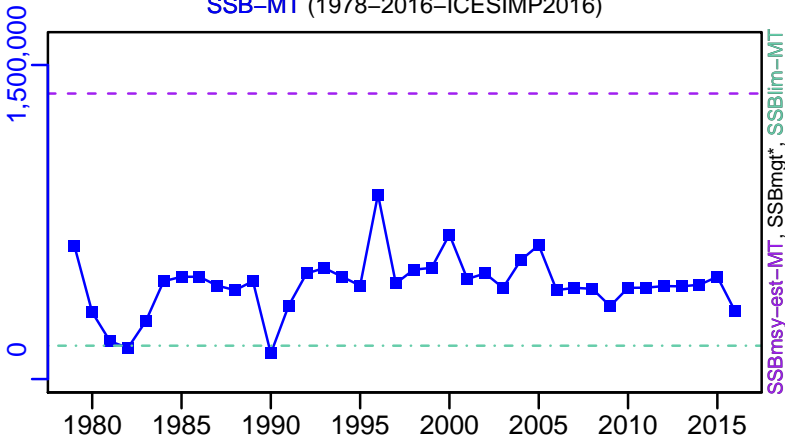
◆ Start Year ◆ End Year \* No Data

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

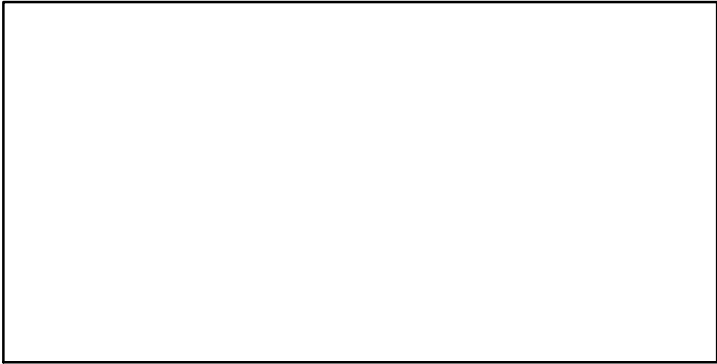
TB\*



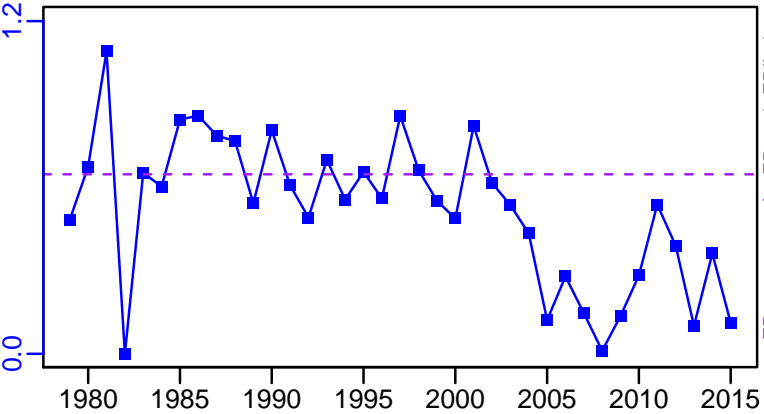
SSB-MT (1978-2016-ICESIMP2016)



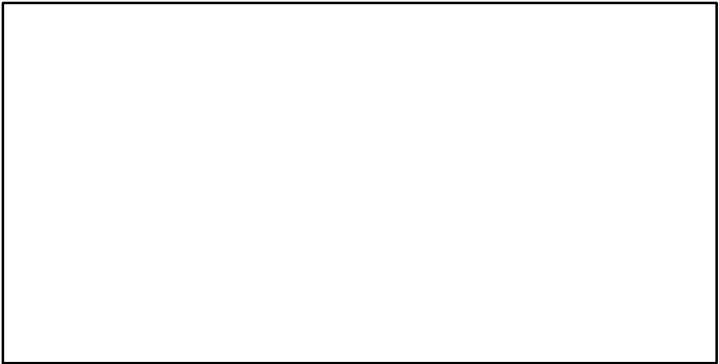
TN \*



ER-calc-ratio (1978-2016-ICESIMP2016)



Recruits\*

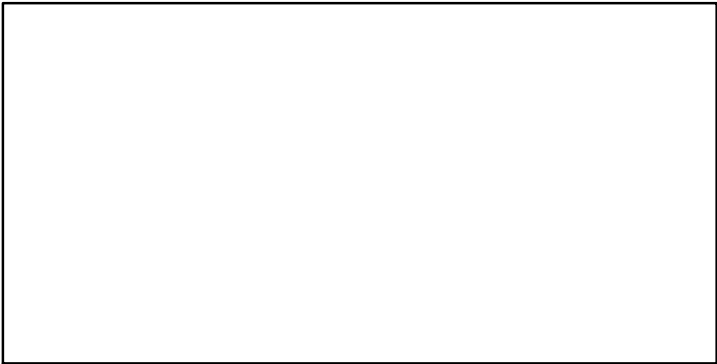




**TC\*, TL\*, RecC\***



**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]

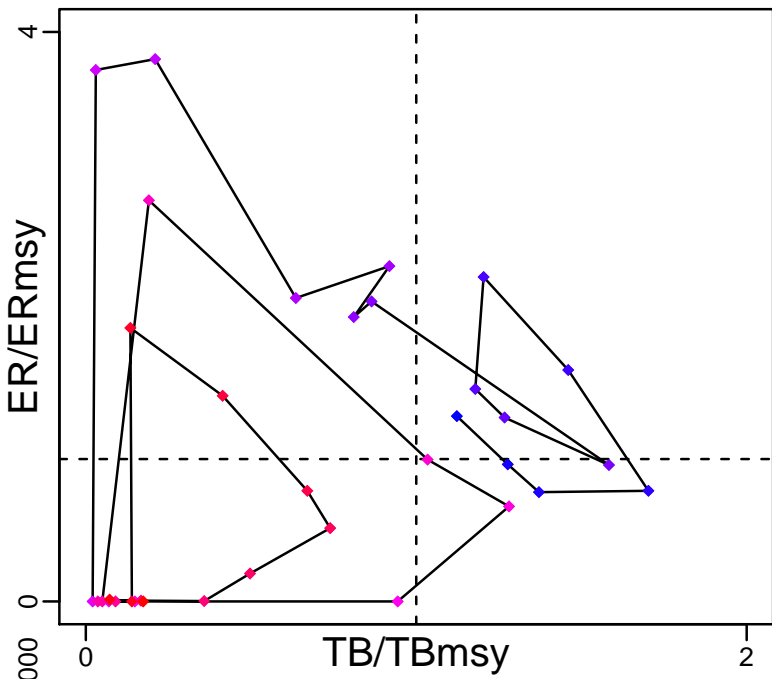
Metadata	
<b>Scientific Name</b>	Mallotus villosus
<b>Current Assess ID</b>	AFWG-CAPENOR-1965-2007-MINTO
<b>Area</b>	Barents Sea
<b>Management Authority</b>	International Council for the Exploration of the Sea
<b>Assessor</b>	Arctic Fisheries Working Group
<b>Asmts in RAM</b>	2007

Reference Points			
Type	ID	Asmt Year	Value
<b>TBmsy</b>	TBmsy-est-MT	2007	5,191,946
<b>SSBmsy</b>	-	-	-
<b>Fmsy</b>	-	-	-
<b>ERmsy</b>	ERmsy-est-ratio	2007	0.21
<b>TBmgt</b>	-	-	-
<b>SSBmgt</b>	-	-	-
<b>Fmgt</b>	-	-	-
<b>ERmgt</b>	-	-	-
<b>TB0</b>	-	-	-
<b>SSB0</b>	-	-	-
<b>MSY</b>	MSY-est-MT	2007	1,089,056
<b>M</b>	-	-	-
<b>TBlim</b>	-	-	-
<b>SSBlim</b>	SSBlim-MT	2007	$2 \times 10^5$
<b>Flim</b>	-	-	-
<b>ERlim</b>	-	-	-

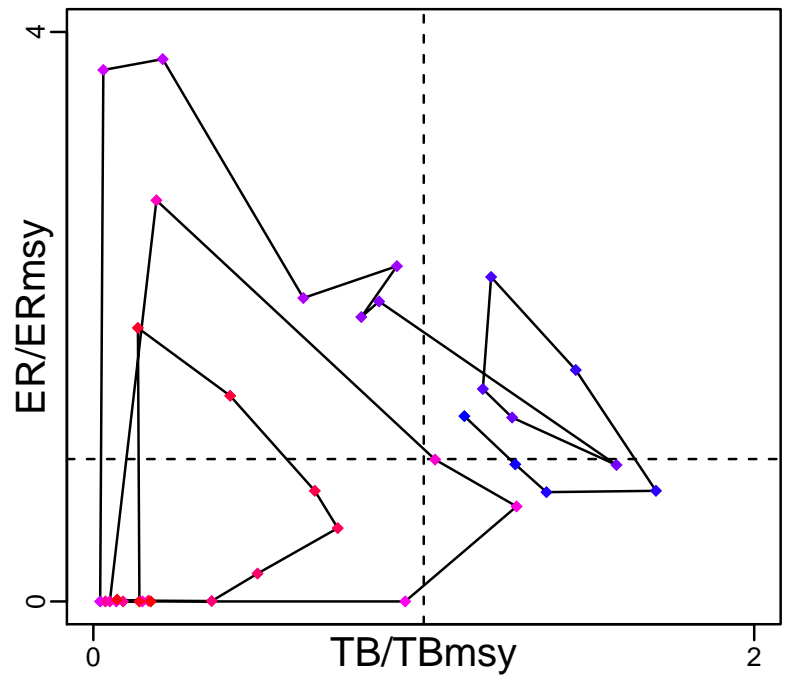
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
<b>TB</b>	TB-MT	2007	902,000	-	1+
<b>SSB</b>	SSB-MT	2007	189,000	-	2+
<b>TN</b>	-	-	-	-	-
<b>R</b>	R-E00	2007	$7.3 \times 10^{10}$	-	1
<b>F</b>	-	-	-	-	-
<b>ER</b>	ER-ratio	2007	0	-	-
<b>TC</b>	-	-	-		
<b>TL</b>	TL-MT	2007	0		
<b>TB/TBmsy</b>	TB-MT/TBmsy-est-MT	2007	0.17		
<b>SSB/SSBmsy</b>	-	-	-		
<b>F/Fmsy</b>	-	-	-		
<b>ER/ERmsy</b>	ER-ratio/ERmsy-est-ratio	2007	0		
<b>TB/TBmgt</b>	-	-	-		
<b>SSB/SSBmgt</b>	-	-	-		
<b>F/Fmgt</b>	-	-	-		
<b>ER/ERmgt</b>	-	-	-		

# Capelin Barents Sea [CAPENOR]

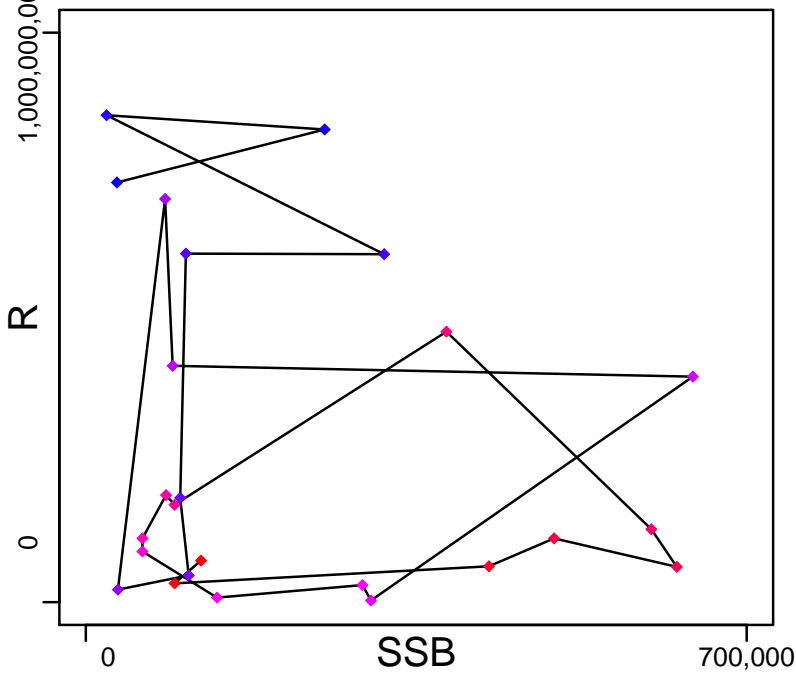
Kobe MSYpref (1965–2007–MINTO)



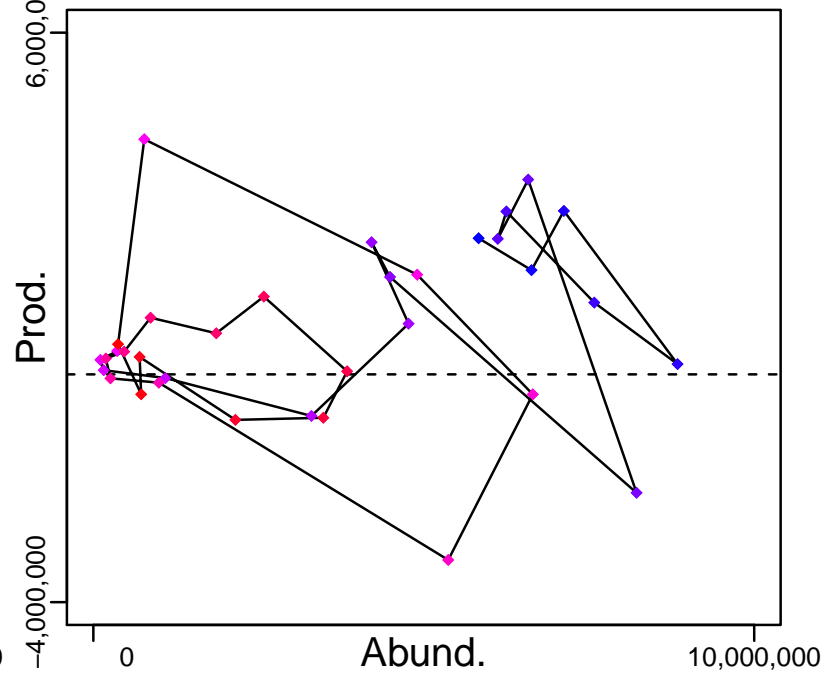
Kobe MGTpref (1965–2007–MINTO)



Spawner Recruit (1965–2007–MINTO)



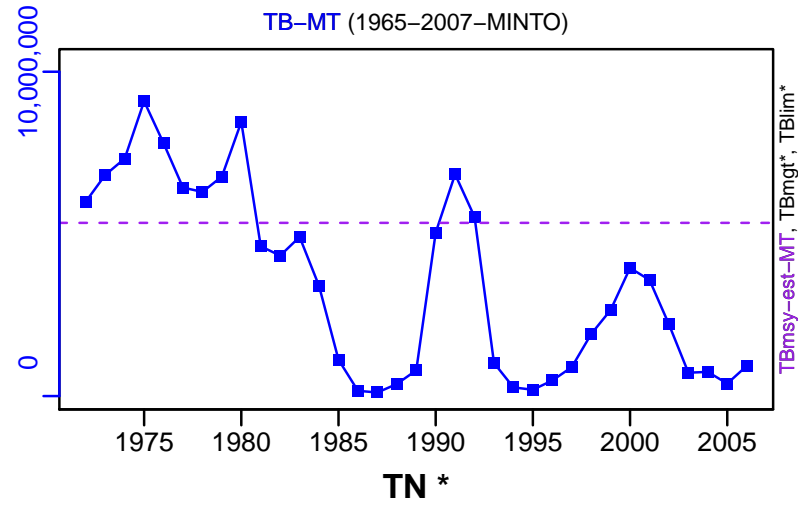
Production (1965–2007–MINTO)



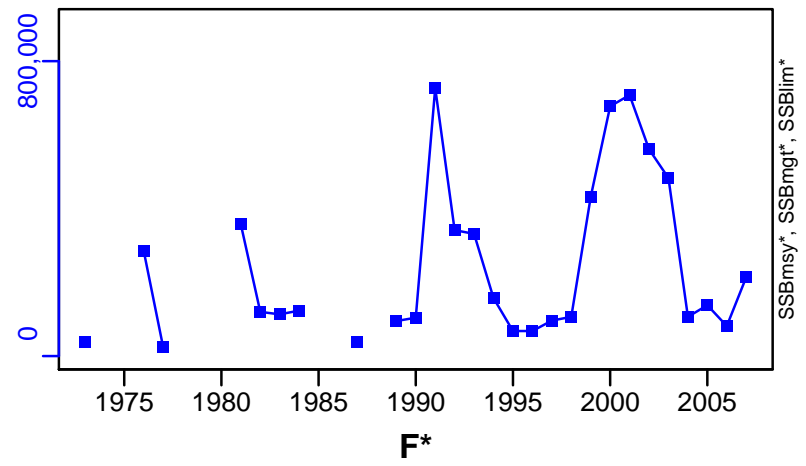
◆ Start Year ◆ End Year \* No Data

# Capelin Barents Sea [CAPENOR]

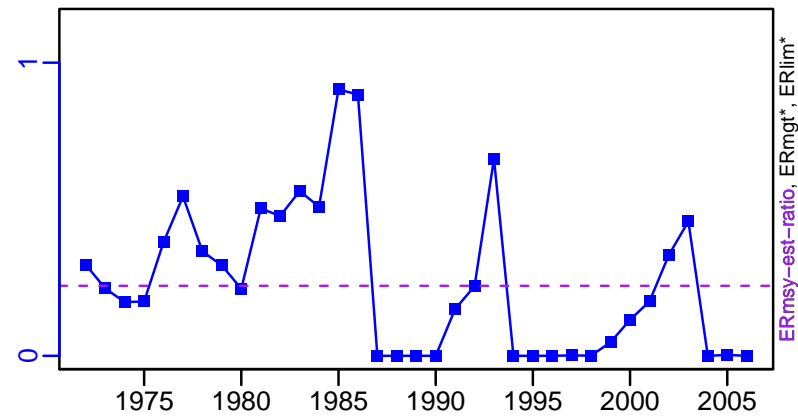
TB-MT (1965–2007–MINTO)



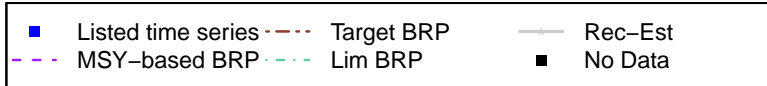
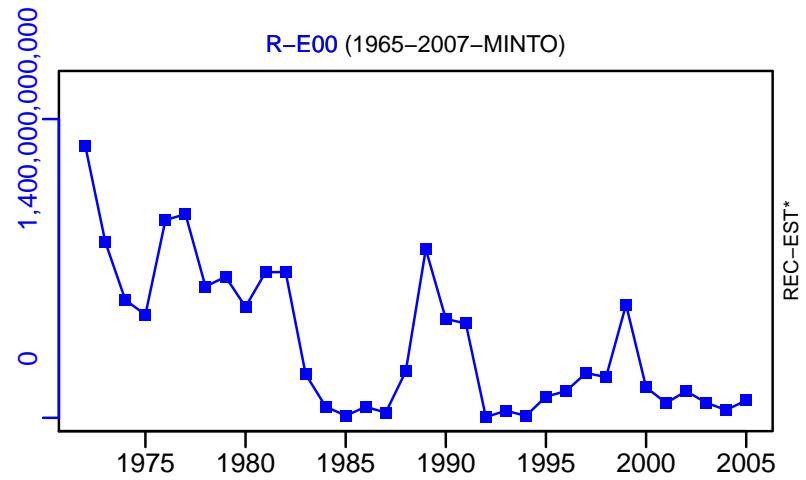
SSB-MT (1965–2007–MINTO)



ER-ratio (1965–2007–MINTO)

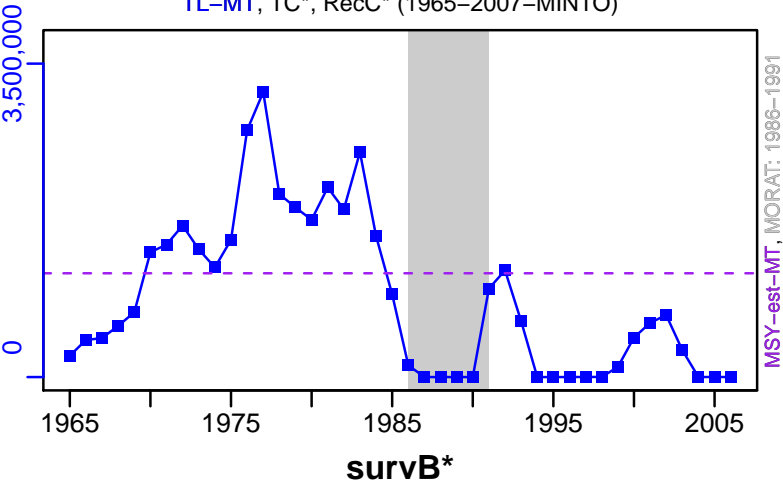


R-E00 (1965–2007–MINTO)



Capelin Barents Sea [CAPENOR]

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



TAC\*, Cpair\*, Cadv\*



CPUE\*



EFFORT\*



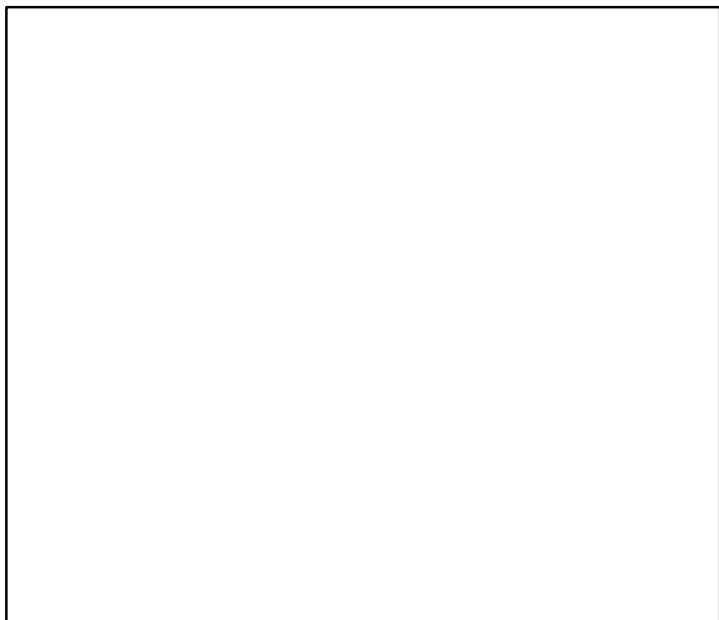
## Atlantic cod NAFO Subarea 1 (inshore) [COD1IN]

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

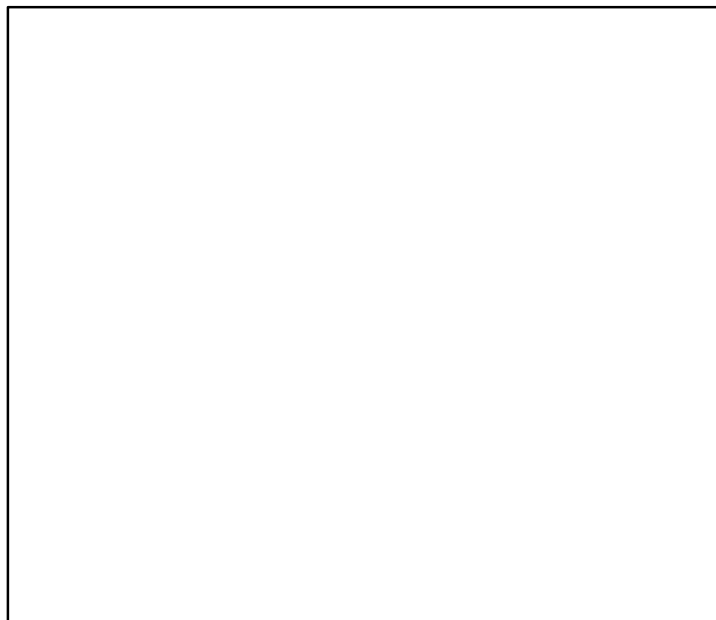
Reference Points			
Type	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	-	-	-
Fmsy	-	-	-
ERmsy	-	-	-
TBmgt	-	-	-
SSBmgt	-	-	-
Fmgt	-	-	-
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	-	-	-
M	-	-	-
TBlim	-	-	-
SSBlim	-	-	-
Flim	-	-	-
ERlim	-	-	-

Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	-	-	-	-	-
SSB	-	-	-	-	-
TN	-	-	-	-	-
R	-	-	-	-	-
F	-	-	-	-	-
ER	-	-	-	-	-
TC	TC-MT	2016	25,300		
TL	TL-MT	2016	25,300		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

**Kobe MSY\***



**Kobe MGT\***



**Spawner Recruit\***



**Production\***



◆ Start Year ◆ End Year \* No Data

TB\*



SSB\*



TN \*



F\*



ER\*



Recruits\*

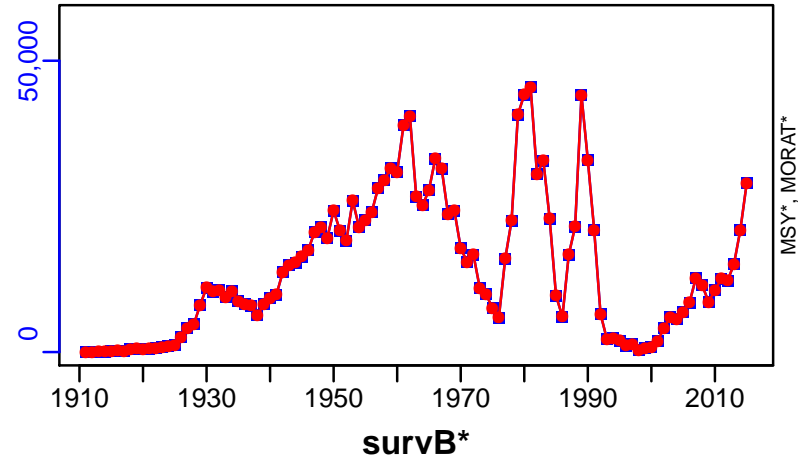




# Atlantic cod NAFO Subarea 1 (inshore) [COD1IN]

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

TAC\*, Cpair\*, Cadv\*



CPUE\*

EFFORT\*

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

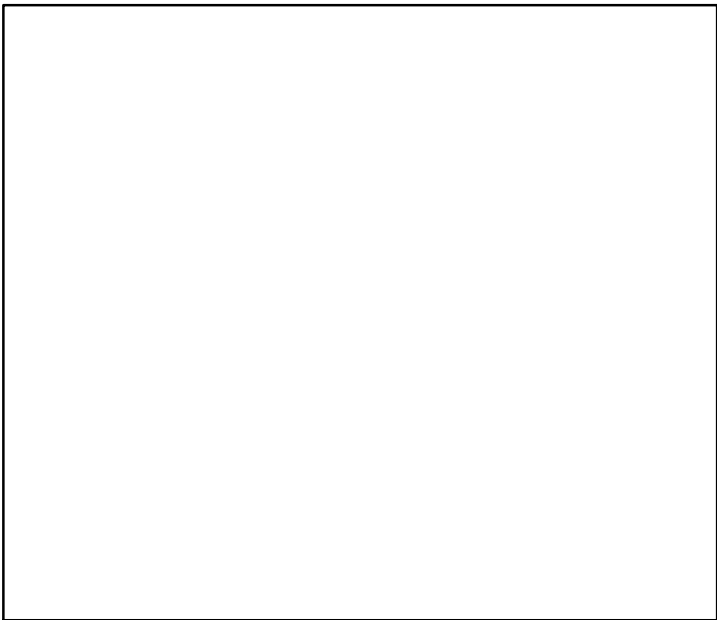
## Atlantic cod Faroe Bank [CODFABNK]

Metadata	
<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\*



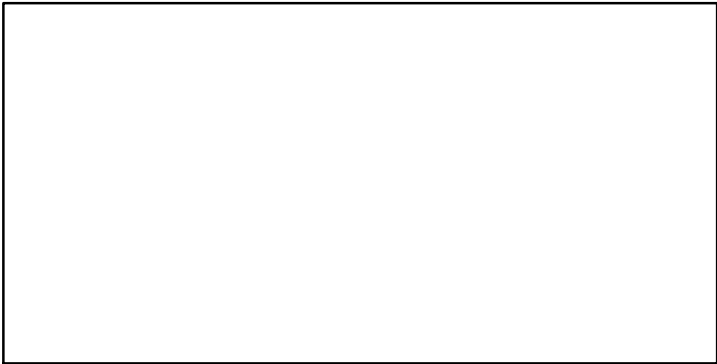
Production\*



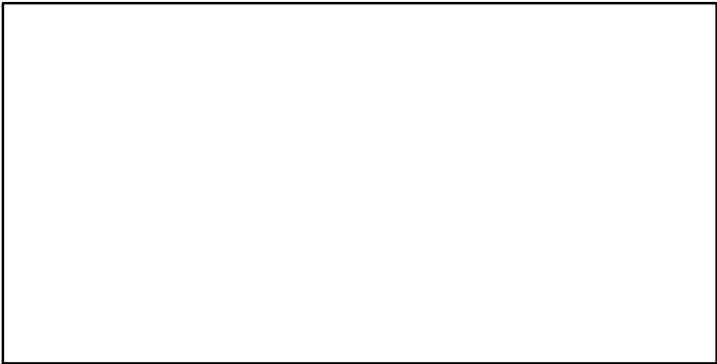
◆ Start Year   ◆ End Year   \* No Data

Atlantic cod Faroe Bank [CODFABNK]

TB\*



SSB\*



TN \*



F\*



ER\*

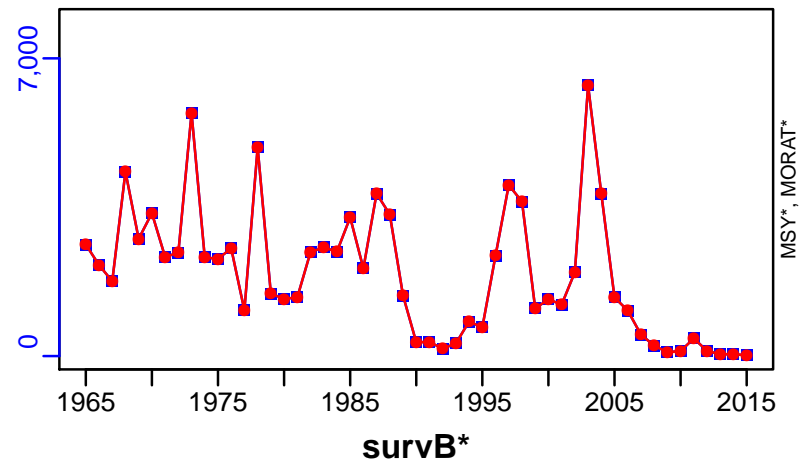


Recruits\*



# Atlantic cod Faroe Bank [CODFABNK]

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



TAC\*, Cpair\*, Cadv\*



CPUE\*



EFFORT\*



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

## Atlantic cod Faroe Plateau [CODFAPL]

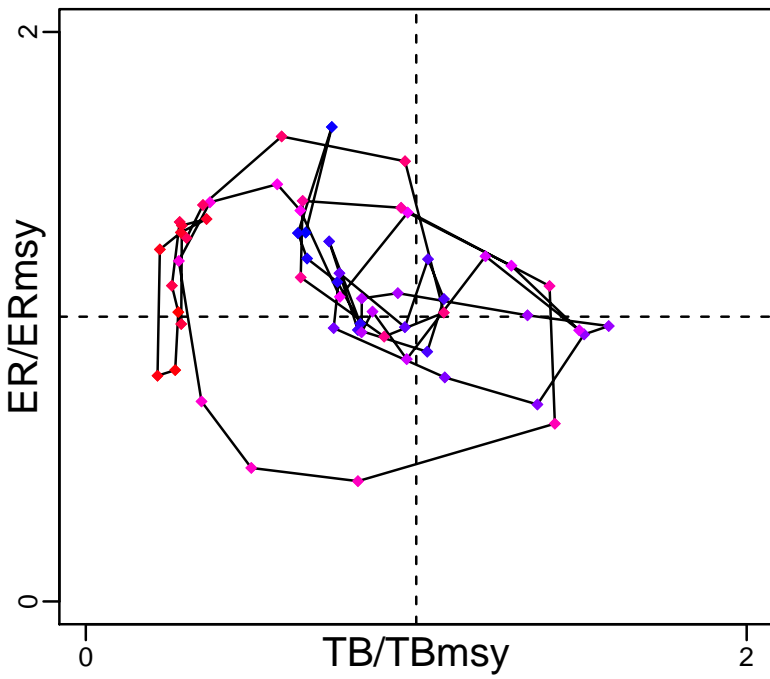
Metadata	
<b>Scientific Name</b>	Gadus morhua
<b>Current Assess ID</b>	NWWG-CODFAPL-1957-2016-ICESIMP2016
<b>Area</b>	Faroe Plateau
<b>Management Authority</b>	International Council for the Exploration of the Sea
<b>Assessor</b>	North-Western Working Group
<b>Asmts in RAM</b>	2015, 2016, 2012, 2013,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

Reference Points			
Type	ID	Asmt Year	Value
<b>TBmsy</b>	TBmsy-est-MT	2016	101,902
<b>SSBmsy</b>	-	-	-
<b>Fmsy</b>	Fmsy-1/yr	2016	0.32
<b>ERmsy</b>	ERmsy-est-ratio	2016	0.26
<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>	MSY-est-MT	2016	26,003
<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>	-	-	-

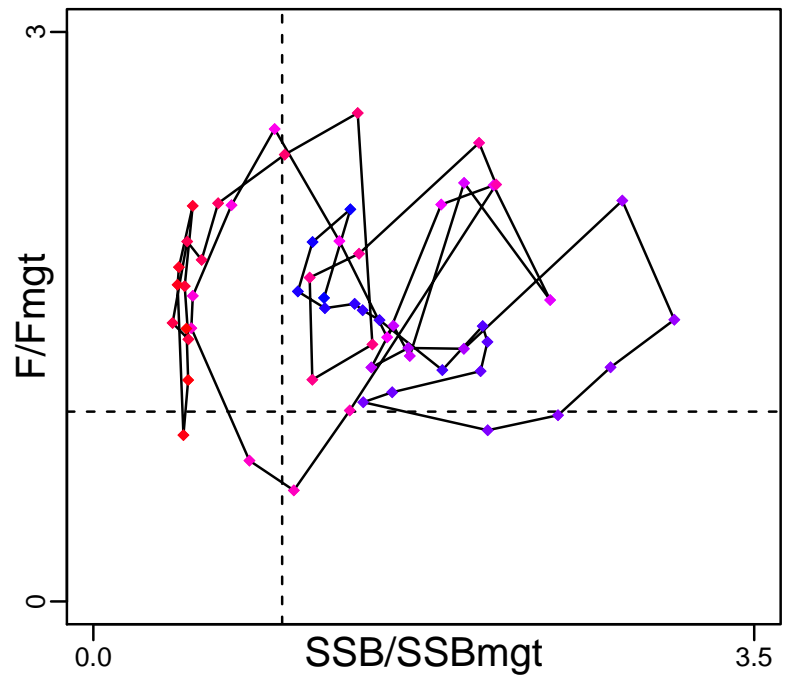
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
<b>TB</b>	TB-MT	2016	28,500	-	-
<b>SSB</b>	SSB-MT	2016	22,400	-	-
<b>TN</b>	-	-	-	-	-
<b>R</b>	R-E00	2016	3,370,000	-	2
<b>F</b>	F-1/yr	2016	0	-	3 to 7
<b>ER</b>	ER-calc-ratio	2016	0	-	-
<b>TC</b>	TC-MT	2016	7390		
<b>TL</b>	TL-MT	2016	7390		
<b>TB/TBmsy</b>	TB-MT/TBmsy-est-MT	2016	0.28		
<b>SSB/SSBmsy</b>	-	-	-		
<b>F/Fmsy</b>	F-1/yr/Fmsy-1/yr	2016	1.44		
<b>ER/ERmsy</b>	ER-calc-ratio/ERmsy-est-ratio	2016	1.02		
<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	1.44		
<b>ER/ERmgt</b>	-	-	-		

# Atlantic cod Faroe Plateau [CODFAPL]

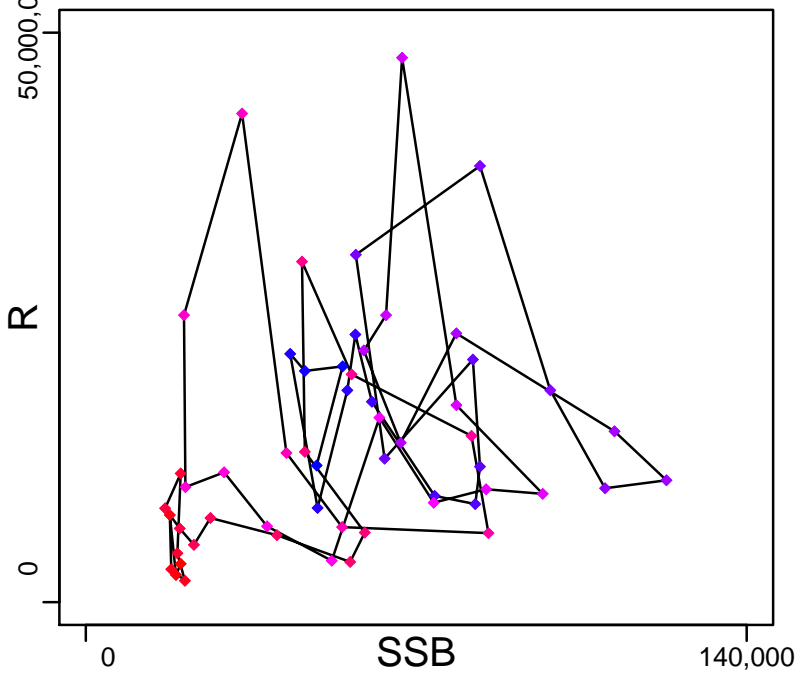
Kobe MSYpref (1957–2016–ICESIMP2016)



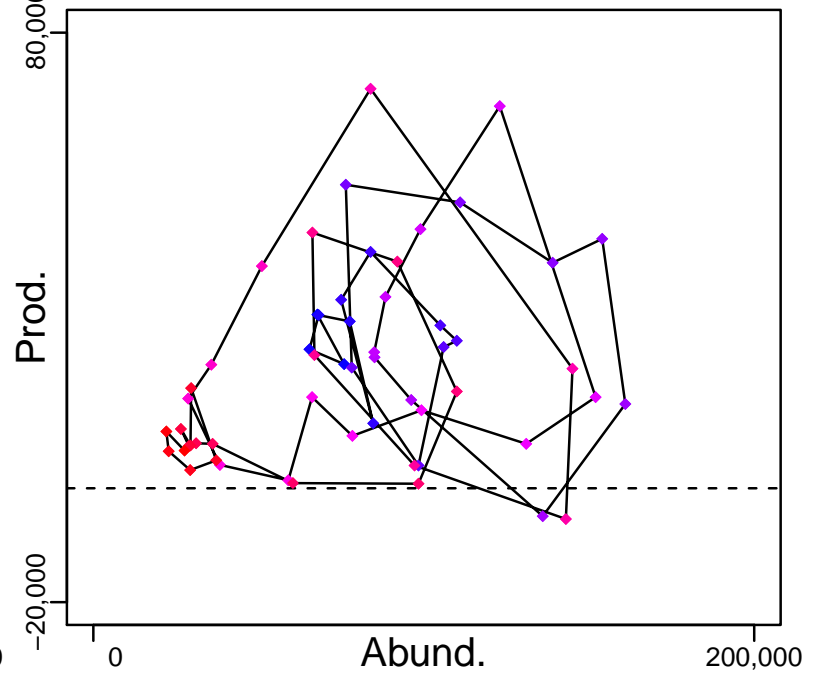
Kobe MGTpref (1957–2016–ICESIMP2016)



Spawner Recruit (1957–2016–ICESIMP2016)



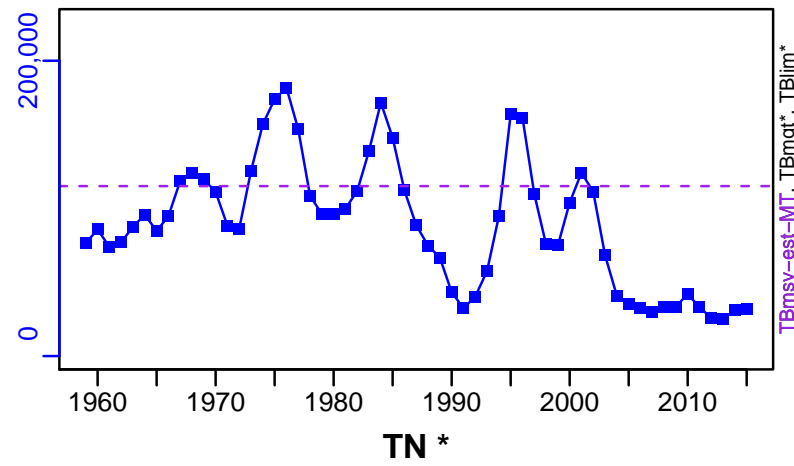
Production (1957–2016–ICESIMP2016)



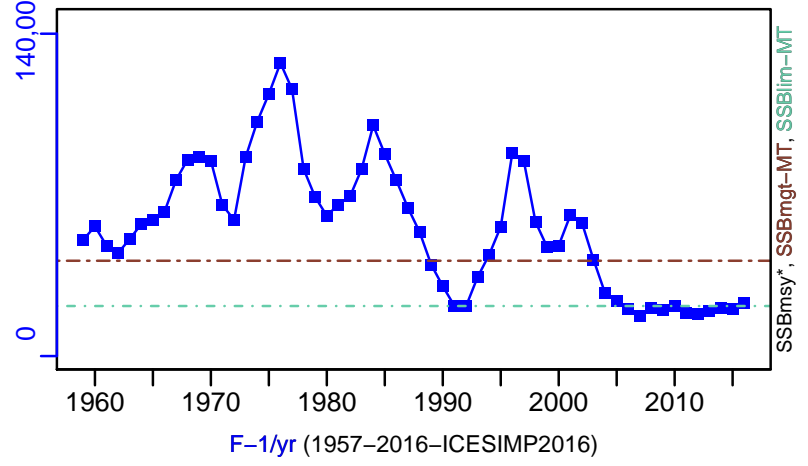
◆ Start Year ◆ End Year \* No Data

# Atlantic cod Faroe Plateau [CODFAPL]

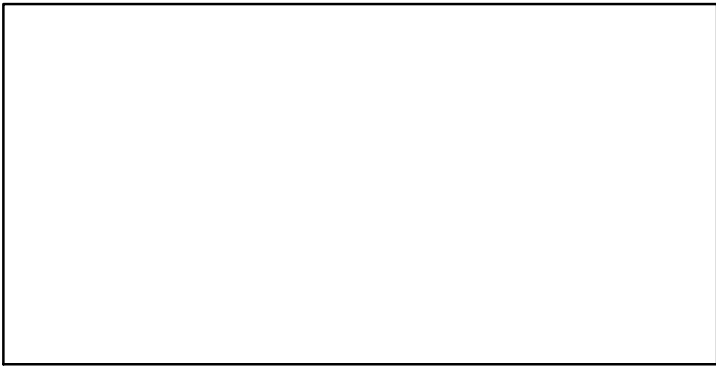
TB-MT (1957–2016–ICESIMP2016)



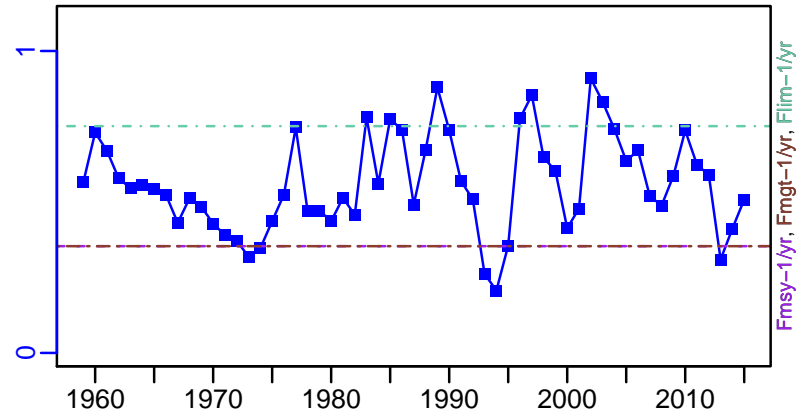
SSB-MT (1957–2016–ICESIMP2016)



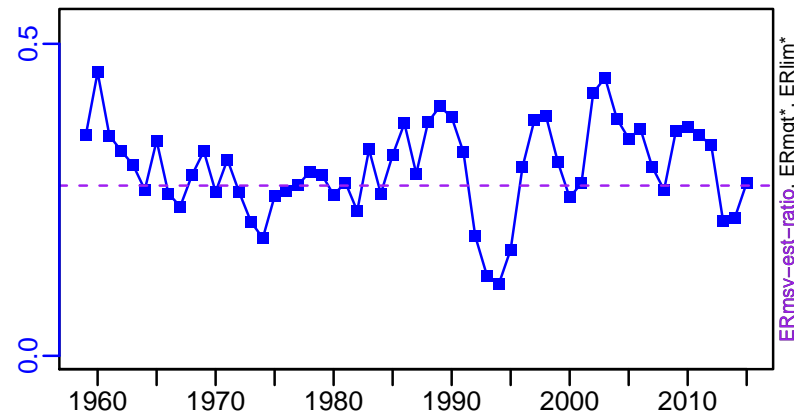
TN \*



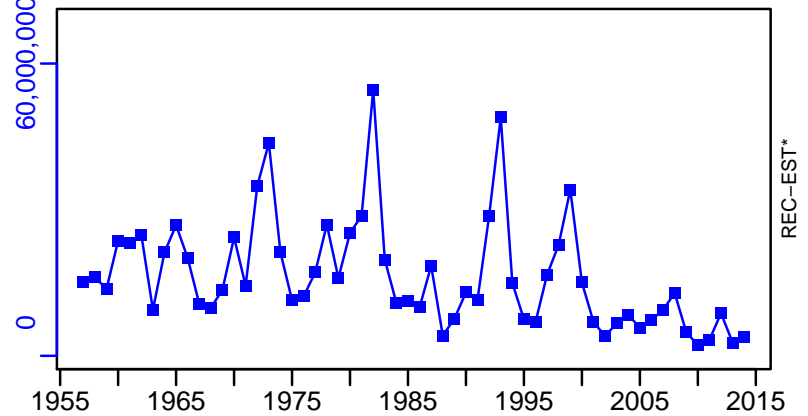
F-1/yr (1957–2016–ICESIMP2016)



ER-calc-ratio (1957–2016–ICESIMP2016)



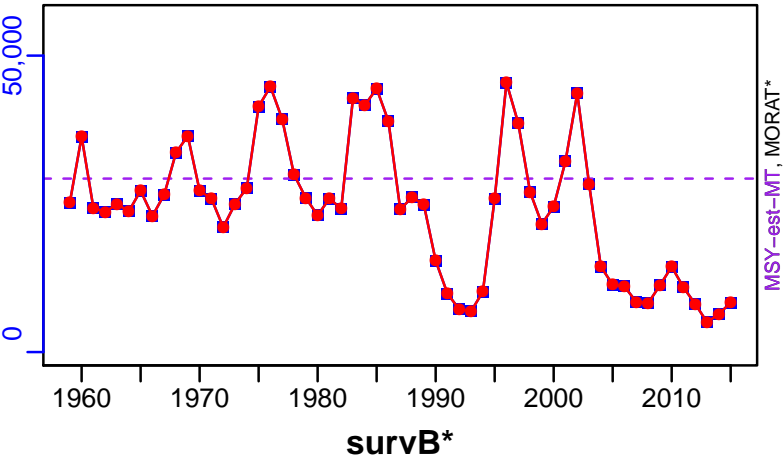
R-E00 (1957–2016–ICESIMP2016)





Atlantic cod Faroe Plateau [CODFAPL]

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



TAC\*, Cpair\*, Cadv\*



CPUE\*



EFFORT\*



## Atlantic cod Iceland [CODICE]

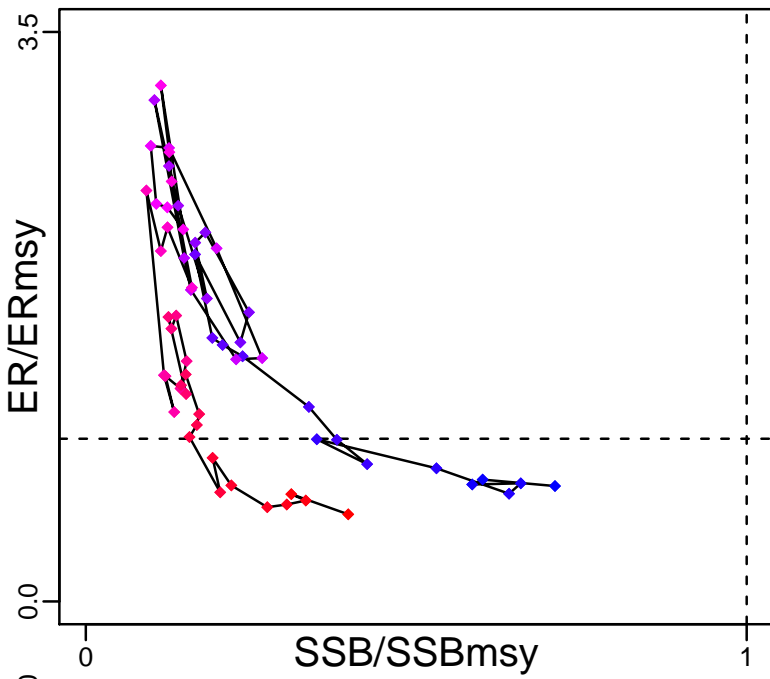
Metadata	
<b>Scientific Name</b>	Gadus morhua
<b>Current Assess ID</b>	NWWG-CODICE-1952-2016-ICESIMP2016
<b>Area</b>	Iceland Grounds
<b>Management Authority</b>	International Council for the Exploration of the Sea
<b>Assessor</b>	North-Western Working Group
<b>Asmts in RAM</b>	2012, 2013, 2014, 2015,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

Reference Points			
Type	ID	Asmt Year	Value
<b>TBmsy</b>	TBmsy-est-MT	2014	1,529,903
<b>SSBmsy</b>	SSBmsy-est-MT	2016	1,342,758
<b>Fmsy</b>	-	-	-
<b>ERmsy</b>	ERmsy-est-ratio	2016	0.3
<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>	MSY-est-MT	2016	1,082,818
<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>	-	-	-

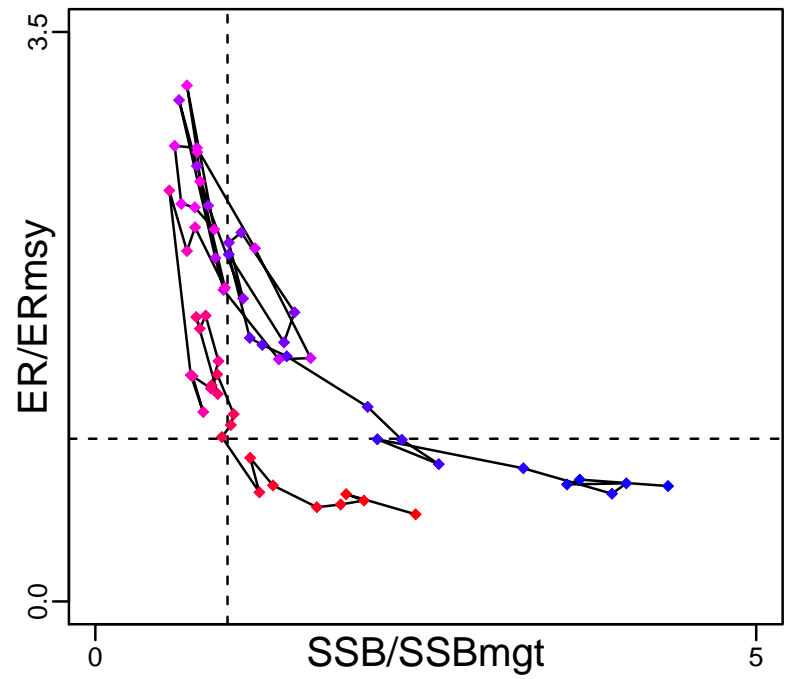
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
<b>TB</b>	TB-MT	2014	1,160,000	-	-
<b>SSB</b>	SSB-MT	2016	464,000	-	-
<b>TN</b>	-	-	-	-	-
<b>R</b>	R-E00	2016	$1.17 \times 10^8$	-	3
<b>F</b>	F-1/yr	2016	0	-	5 to 10
<b>ER</b>	ER-calc-ratio	2016	0	-	-
<b>TC</b>	-	-	-		
<b>TL</b>	TL-MT	2016	230,000		
<b>TB/TBmsy</b>	TB-MT/TBmsy-est-MT	2014	0.76		
<b>SSB/SSBmsy</b>	SSB-MT/SSBmsy-est-MT	2016	0.35		
<b>F/Fmsy</b>	-	-	-		
<b>ER/ERmsy</b>	ER-calc-ratio/ERmsy-est-ratio	2016	0.54		
<b>TB/TBmgt</b>	-	-	-		
<b>SSB/SSBmgt</b>	SSB-MT/SSBmgt-MT	2016	2.11		
<b>F/Fmgt</b>	F-1/yr/Fmgt-1/yr	2014	1.5		
<b>ER/ERmgt</b>	-	-	-		

# Atlantic cod Iceland [CODICE]

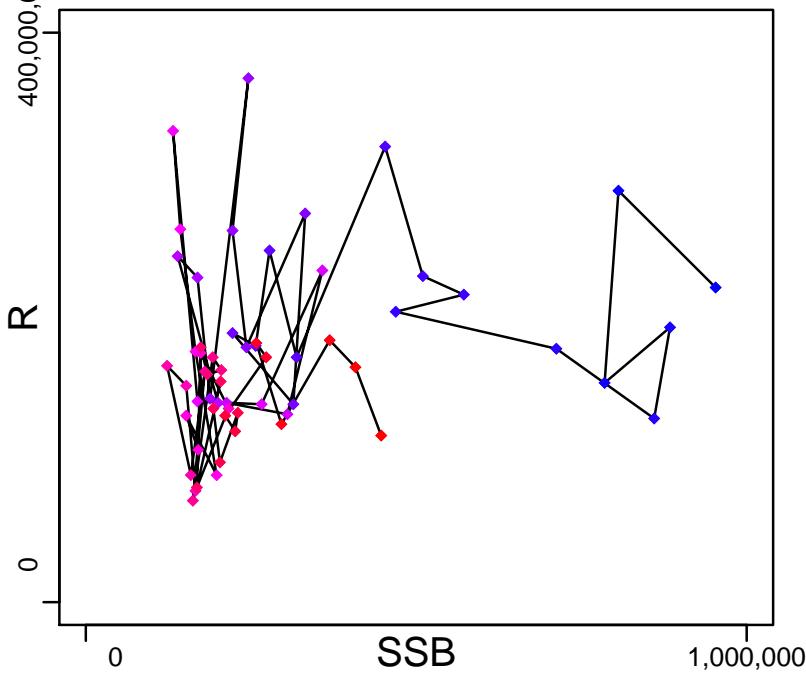
Kobe MSYpref (1952–2016–ICESIMP2016)



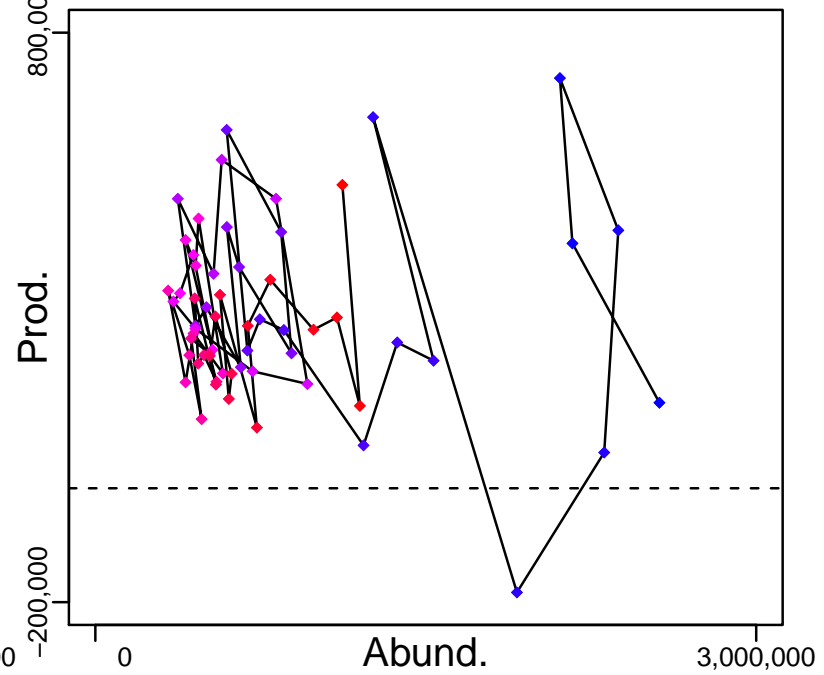
Kobe MGTpref (1952–2016–ICESIMP2016)



Spawner Recruit (1952–2016–ICESIMP2016)

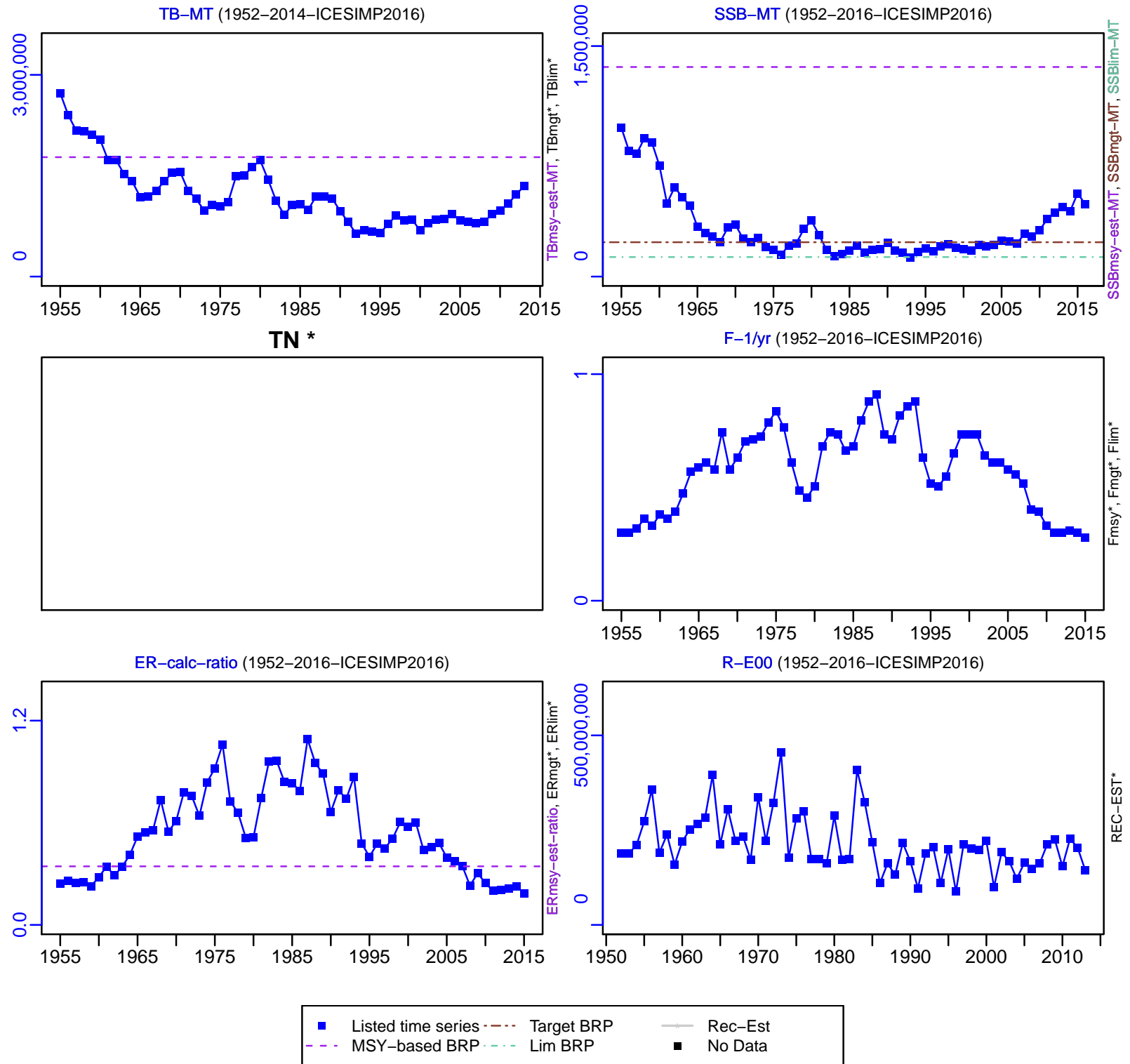


Production (1952–2016–ICESIMP2016)



◆ Start Year ◆ End Year \* No Data

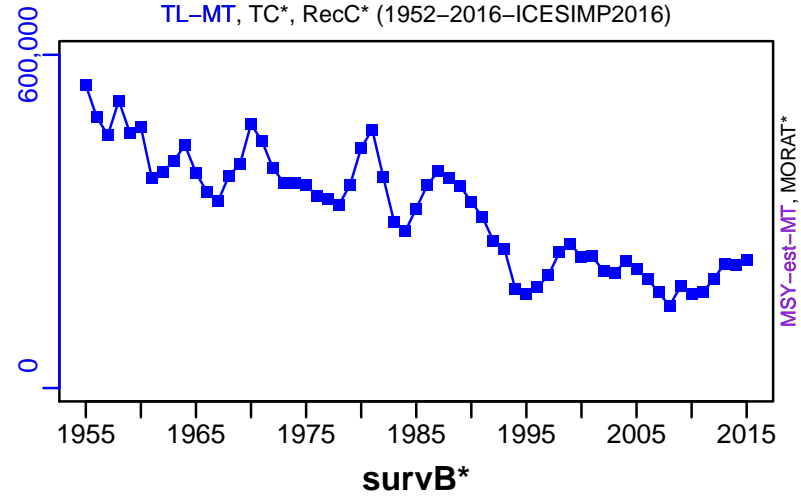
# Atlantic cod Iceland [CODICE]



# Atlantic cod Iceland [CODICE]

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

TAC\*, Cpair\*, Cadv\*



EFFORT\*



## Atlantic cod Northeast Arctic [CODNEAR]

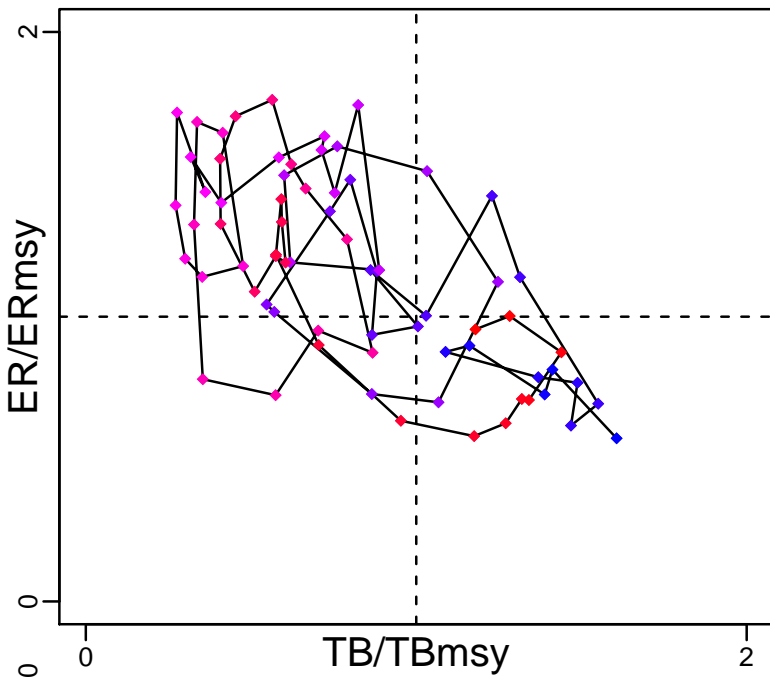
Metadata	
<b>Scientific Name</b>	Gadus morhua
<b>Current Assess ID</b>	AFWG-CODNEAR-1943-2016-ICESIMP2016
<b>Area</b>	North-East Arctic
<b>Management Authority</b>	International Council for the Exploration of the Sea
<b>Assessor</b>	Arctic Fisheries Working Group
<b>Asmts in RAM</b>	2013, 2014, 2015,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

Reference Points			
Type	ID	Asmt Year	Value
<b>TBmsy</b>	TBmsy-est-MT	2016	2,718,969
<b>SSBmsy</b>	-	-	-
<b>Fmsy</b>	Fmsy-1/yr	2015	0.4
<b>ERmsy</b>	ERmsy-est-ratio	2016	0.28
<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>	MSY-est-MT	2016	767,133
<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>	-	-	-

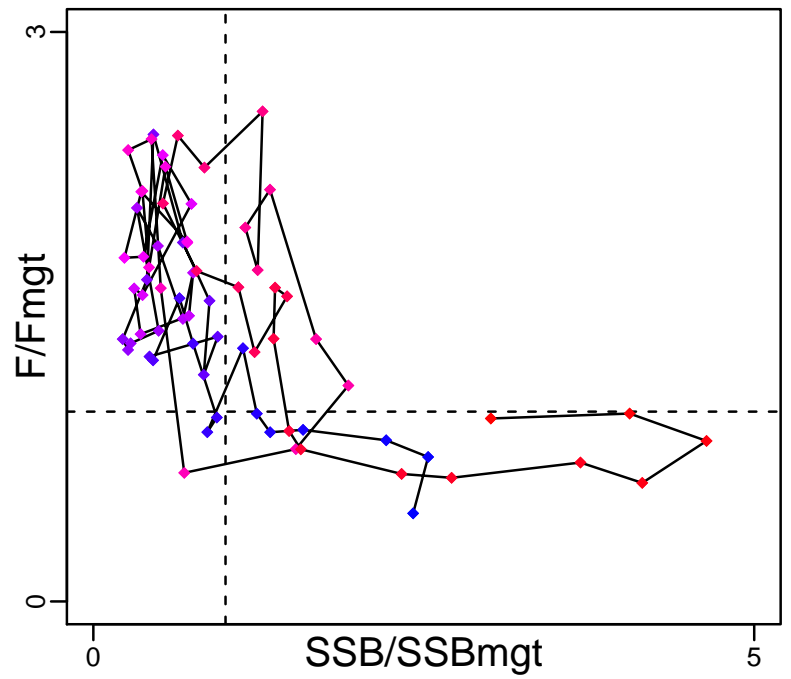
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
<b>TB</b>	TB-MT	2016	3,210,000	-	-
<b>SSB</b>	SSB-MT	2016	1,070,000	-	-
<b>TN</b>	-	-	-	-	-
<b>R</b>	R-E00	2016	$7.66 \times 10^8$	-	3
<b>F</b>	F-1/yr	2016	0	-	5 to 10
<b>ER</b>	ER-calc-ratio	2016	0	-	-
<b>TC</b>	-	-	-		
<b>TL</b>	TL-MT	2016	864,000		
<b>TB/TBmsy</b>	TB-MT/TBmsy-est-MT	2016	1.18		
<b>SSB/SSBmsy</b>	-	-	-		
<b>F/Fmsy</b>	F-1/yr/Fmsy-1/yr	2015	1.19		
<b>ER/ERmsy</b>	ER-calc-ratio/ERmsy-est-ratio	2016	0.96		
<b>TB/TBmgt</b>	-	-	-		
<b>SSB/SSBmgt</b>	SSB-MT/SSBmgt-MT	2016	2.33		
<b>F/Fmgt</b>	F-1/yr/Fmgt-1/yr	2016	0.96		
<b>ER/ERmgt</b>	-	-	-		

# Atlantic cod Northeast Arctic [CODNEAR]

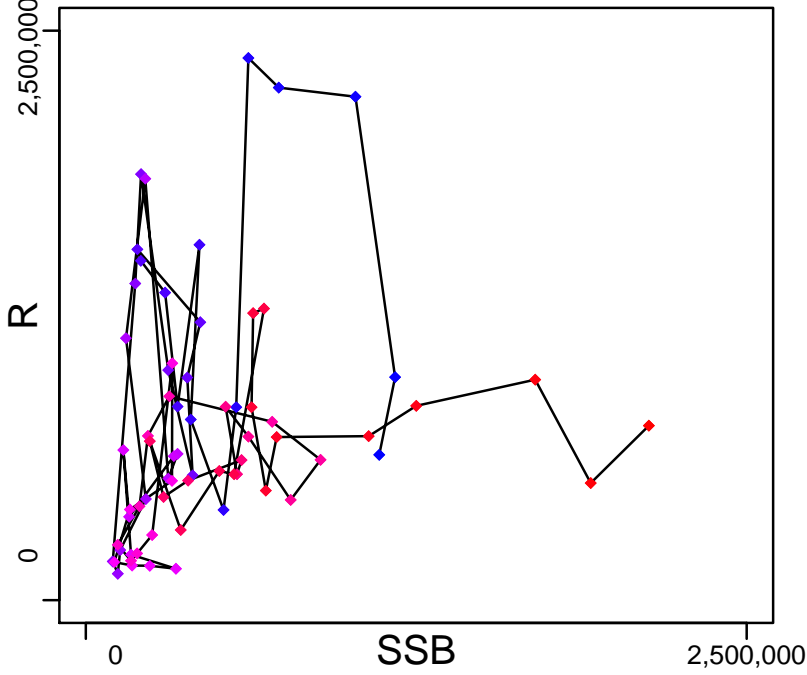
Kobe MSYpref (1943–2016–ICESIMP2016)



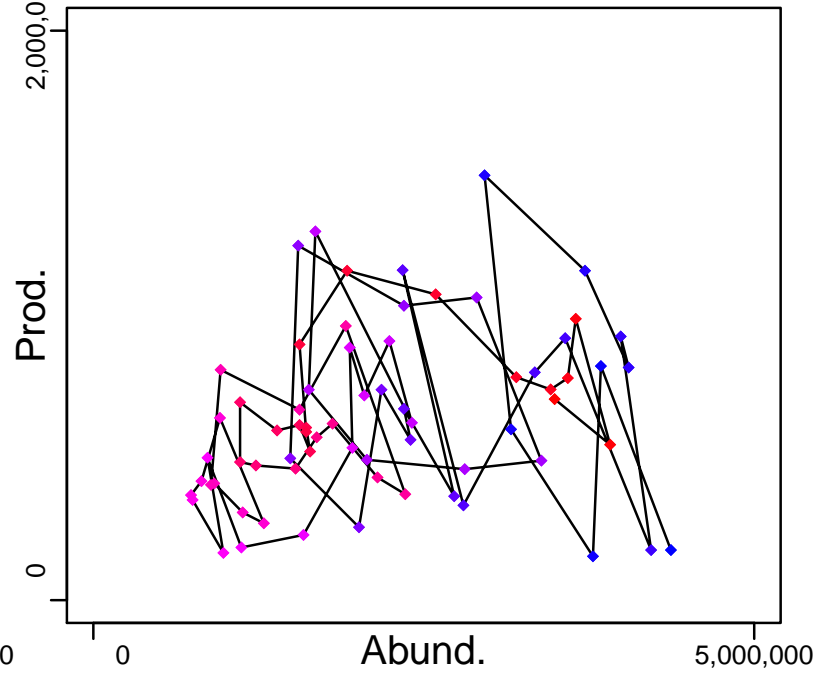
Kobe MGTpref (1943–2016–ICESIMP2016)



Spawner Recruit (1943–2016–ICESIMP2016)

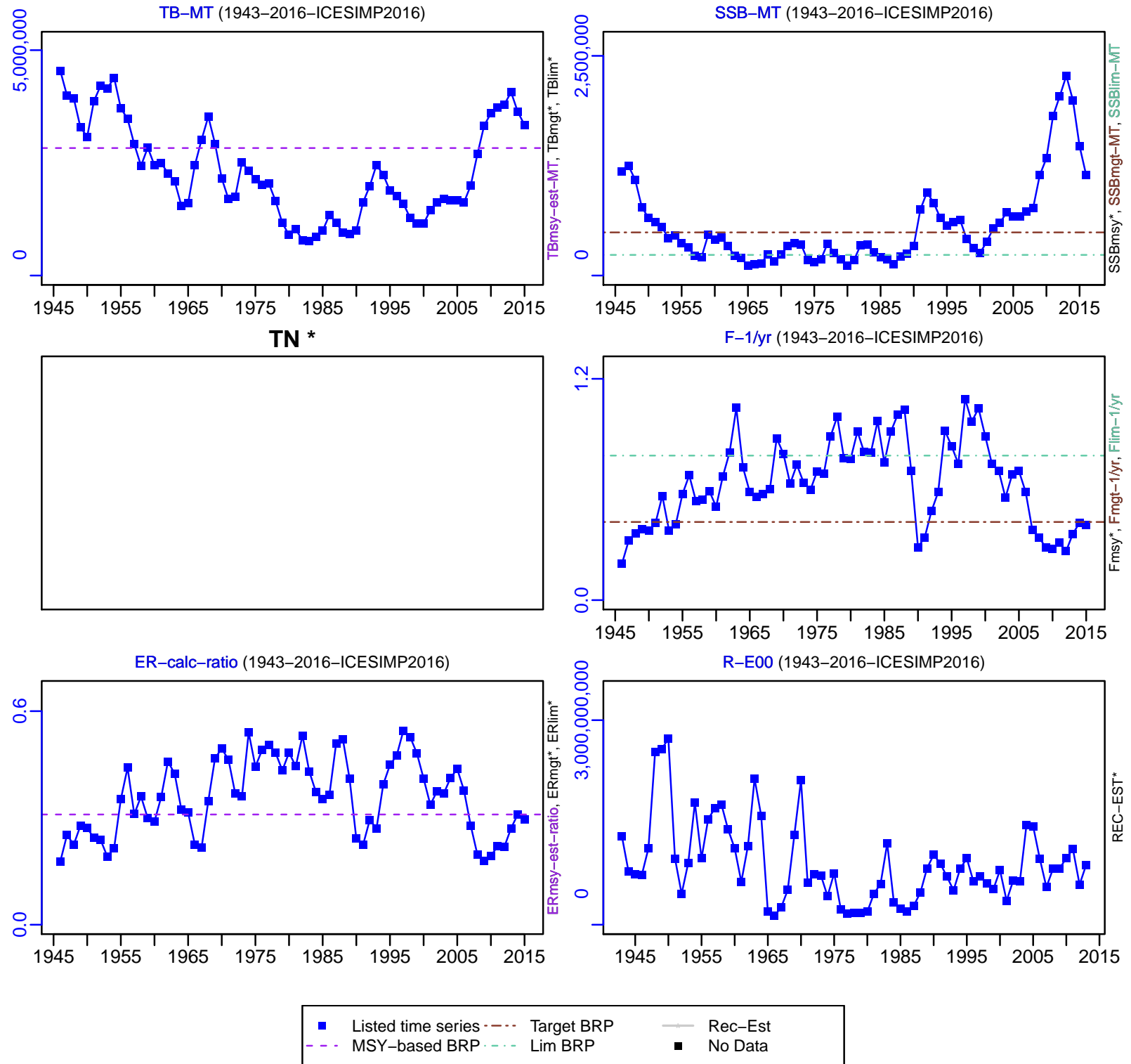


Production (1943–2016–ICESIMP2016)



◆ Start Year ◆ End Year \* No Data

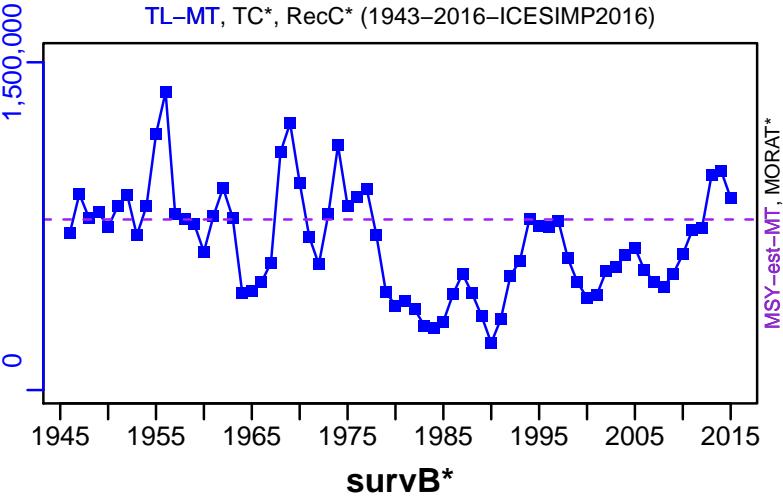
# Atlantic cod Northeast Arctic [CODNEAR]





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]

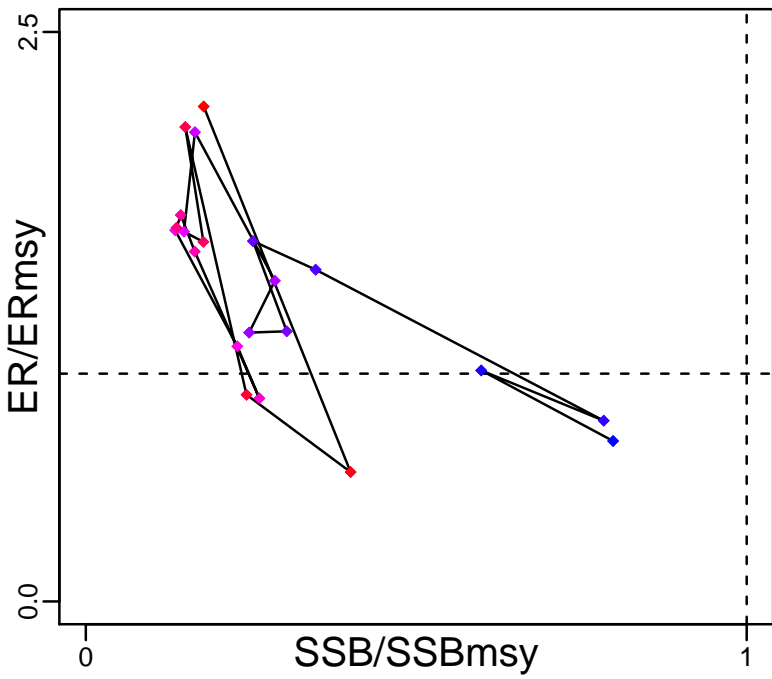
Metadata	
Scientific Name	Gadus morhua
Current Assess ID	AFWG-CODNEARNCW-1982-2016-ICESIMP2016
Area	North-East Arctic (Norwegian coastal waters)
Management Authority	International Council for the Exploration of the Sea
Assessor	Arctic Fisheries Working Group
Asmts in RAM	2016

Reference Points			
Type	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	SSBmsy-est-MT	2016	93,991
Fmsy	-	-	-
ERmsy	ERmsy-est-ratio	2016	0.38
TBmgt	-	-	-
SSBmgt	SSBmgt-MT	2016	60,000
Fmgt	Fmgt-1/yr	2016	0.1
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	MSY-est-MT	2016	101,815
M	-	-	-
TBlim	-	-	-
SSBlim	-	-	-
Flim	-	-	-
ERlim	-	-	-

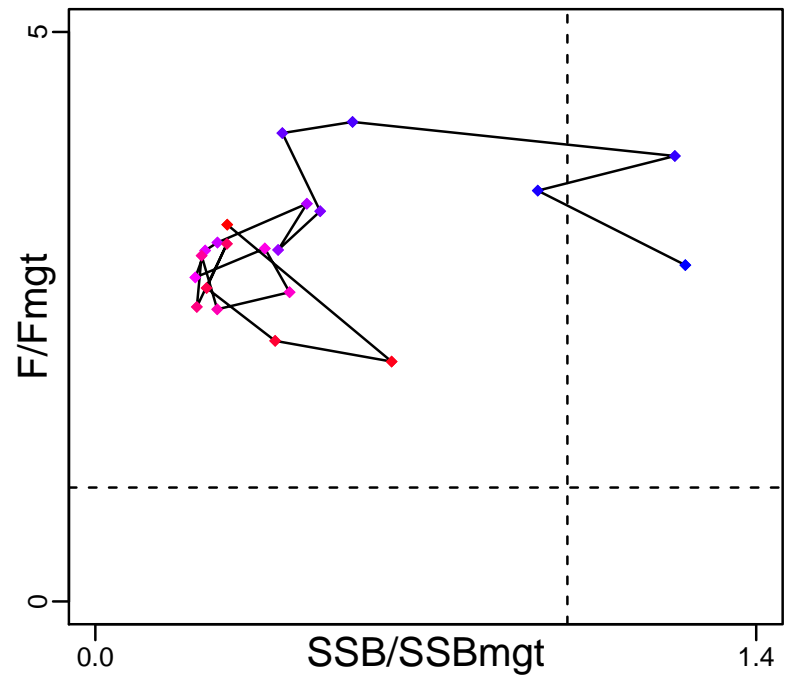
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
TB	-	-	-	-	-
SSB	SSB-MT	2016	16,800	-	-
TN	-	-	-	-	-
R	R-relative	2016	1	-	2
F	F-1/yr	2016	0	-	4 to 7
ER	ER-calc-ratio	2016	1	-	-
TC	TC-MT	2016	39,500		
TL	TL-MT	2016	39,500		
TB/TBmsy	-	-	-		
SSB/SSBmsy	SSB-MT/SSBmsy-est-MT	2016	0.18		
F/Fmsy	-	-	-		
ER/ERmsy	ER-calc-ratio/ERmsy-est-ratio	2016	2.17		
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]

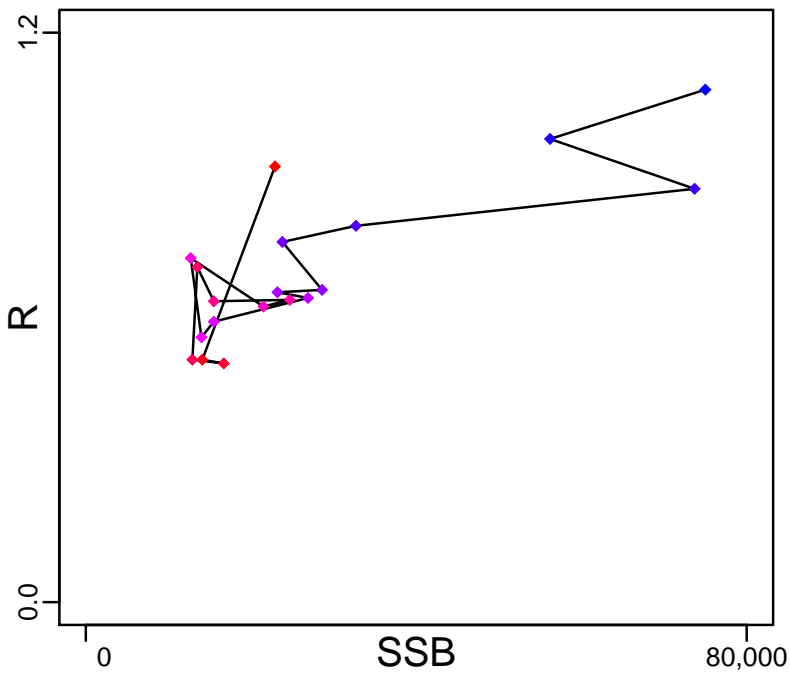
Kobe MSYpref (1982–2016–ICESIMP2016)



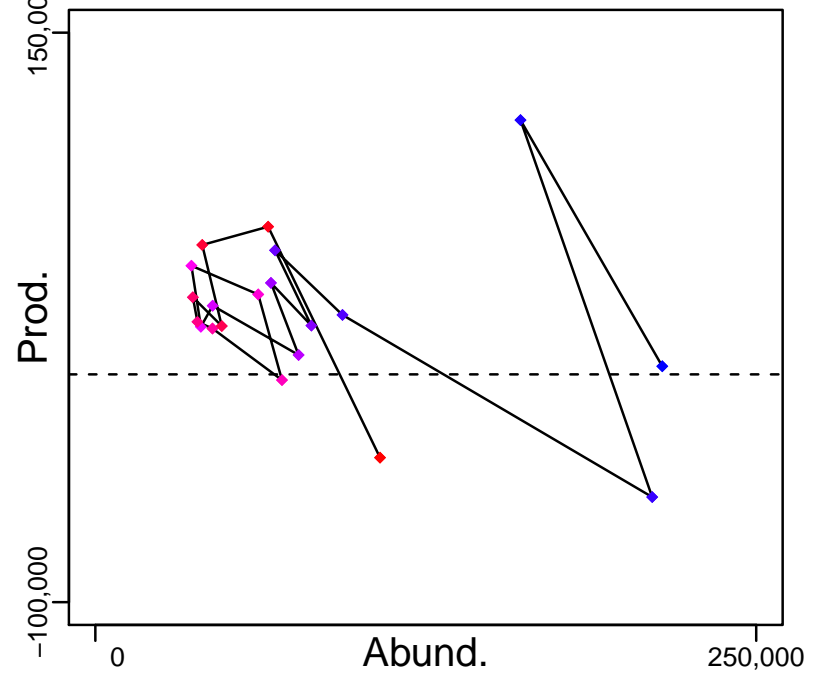
Kobe MGTpref (1982–2016–ICESIMP2016)



Spawner Recruit (1982–2016–ICESIMP2016)



Production (1982–2016–ICESIMP2016)



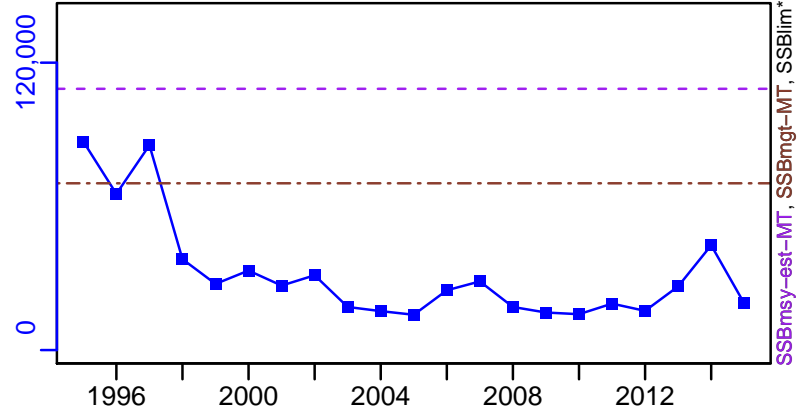
◆ Start Year ◆ End Year \* No Data

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

TB\*



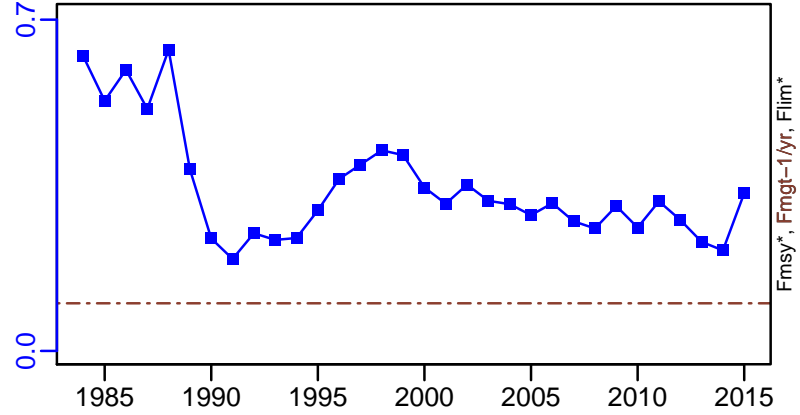
SSB-MT (1982–2016–ICESIMP2016)



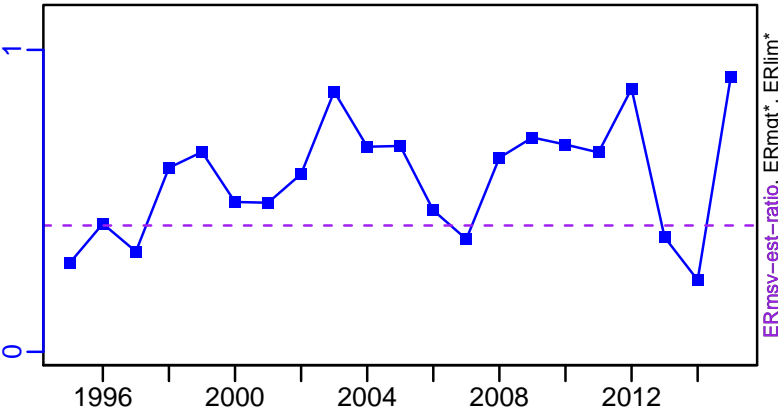
TN \*



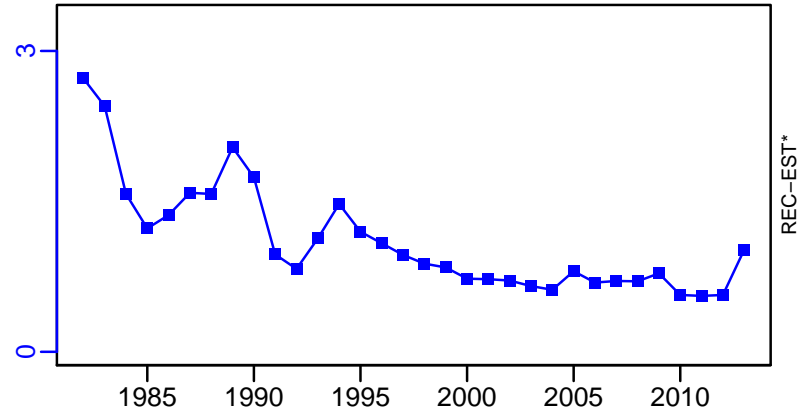
F-1/yr (1982–2016–ICESIMP2016)



ER-calc-ratio (1982–2016–ICESIMP2016)

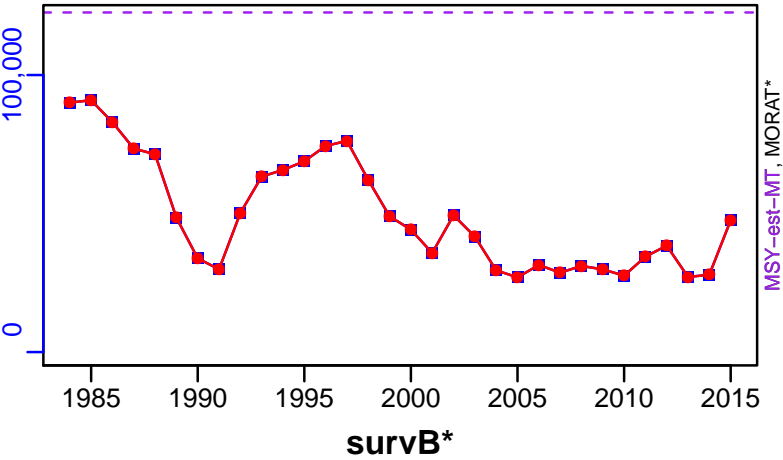


R-relative (1982–2016–ICESIMP2016)



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]

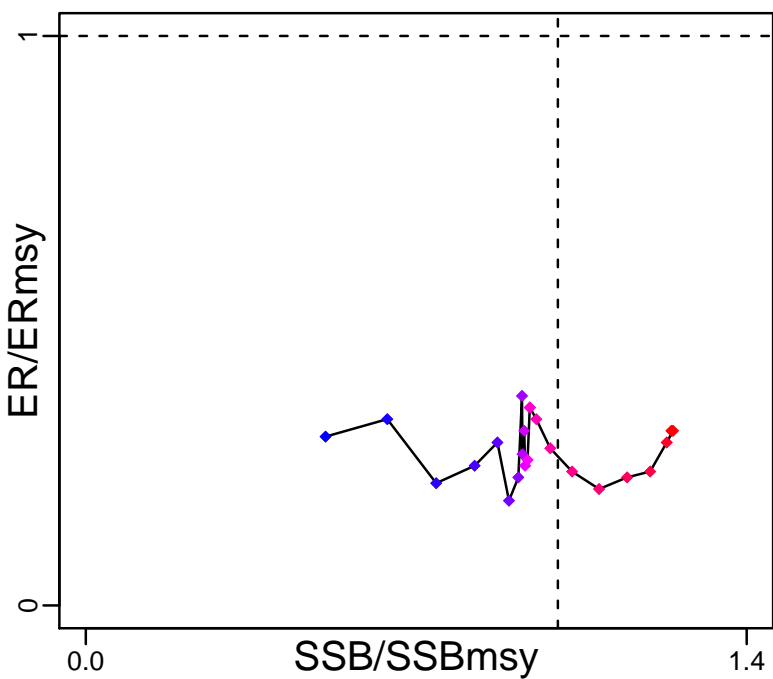
Metadata	
<b>Scientific Name</b>	Reinhardtius hippoglossoides
<b>Current Assess ID</b>	AFWG-GHALNEAR-1992-2015-ICESIMP2016
<b>Area</b>	North-East Arctic
<b>Management Authority</b>	International Council for the Exploration of the Sea
<b>Assessor</b>	Arctic Fisheries Working Group
<b>Asmts in RAM</b>	2010, 2015

Reference Points			
Type	ID	Asmt Year	Value
<b>TBmsy</b>	TBmsy-est-MT	2010	593,016
<b>SSBmsy</b>	SSBmsy-est-MT	2015	591,585
<b>Fmsy</b>	-	-	-
<b>ERmsy</b>	ERmsy-est-ratio	2015	0.1
<b>TBmgt</b>	-	-	-
<b>SSBmgt</b>	-	-	-
<b>Fmgt</b>	-	-	-
<b>ERmgt</b>	-	-	-
<b>TB0</b>	-	-	-
<b>SSB0</b>	-	-	-
<b>MSY</b>	MSY-est-MT	2015	89,587
<b>M</b>	M-1/yr	2010	0.15
<b>TBlim</b>	-	-	-
<b>SSBlim</b>	-	-	-
<b>Flim</b>	-	-	-
<b>ERlim</b>	-	-	-

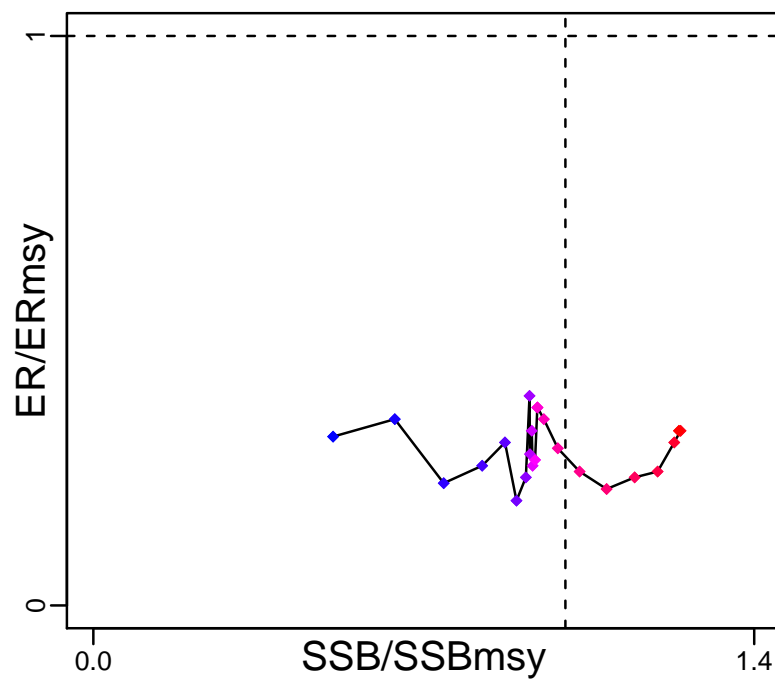
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
<b>TB</b>	TB-MT	2010	211,000	-	5+
<b>SSB</b>	SSB-MT	2015	734,000	-	-
<b>TN</b>	-	-	-	-	-
<b>R</b>	R-E00	2015	$1 \times 10^6$	-	1
<b>F</b>	F-1/yr	2010	0	-	6 to 10
<b>ER</b>	ER-ratio	2015	0	-	-
<b>TC</b>	TC-MT	2015	22,200		
<b>TL</b>	TL-MT	2010	15,700		
<b>TB/TBmsy</b>	TB-MT/TBmsy-est-MT	2010	0.36		
<b>SSB/SSBmsy</b>	SSB-MT/SSBmsy-est-MT	2015	1.24		
<b>F/Fmsy</b>	-	-	-		
<b>ER/ERmsy</b>	ER-ratio/ERmsy-est-ratio	2015	0.31		
<b>TB/TBmgt</b>	-	-	-		
<b>SSB/SSBmgt</b>	-	-	-		
<b>F/Fmgt</b>	-	-	-		
<b>ER/ERmgt</b>	-	-	-		

# Greenland halibut Northeast Arctic [GHALNEAR]

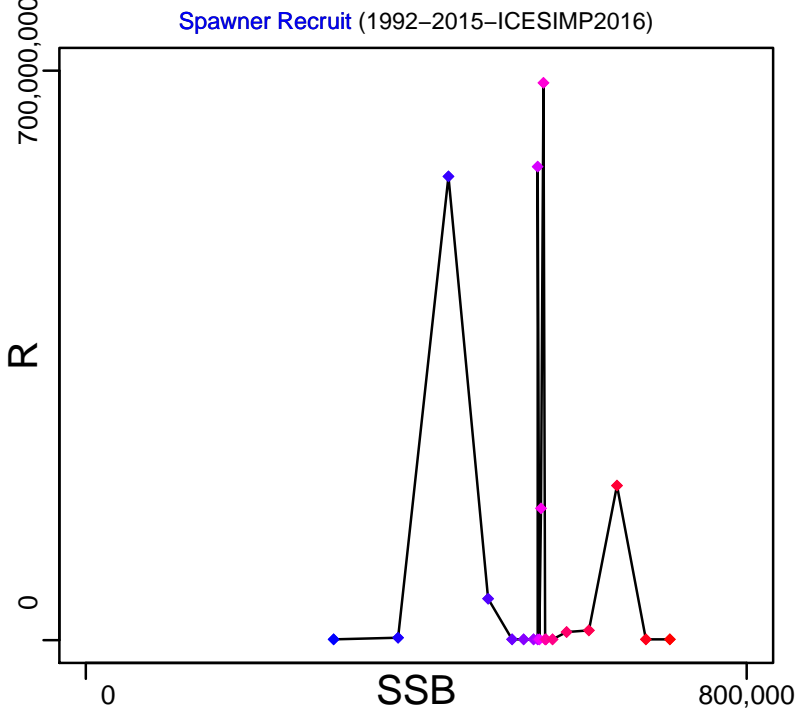
Kobe MSYpref (1992–2015–ICESIMP2016)



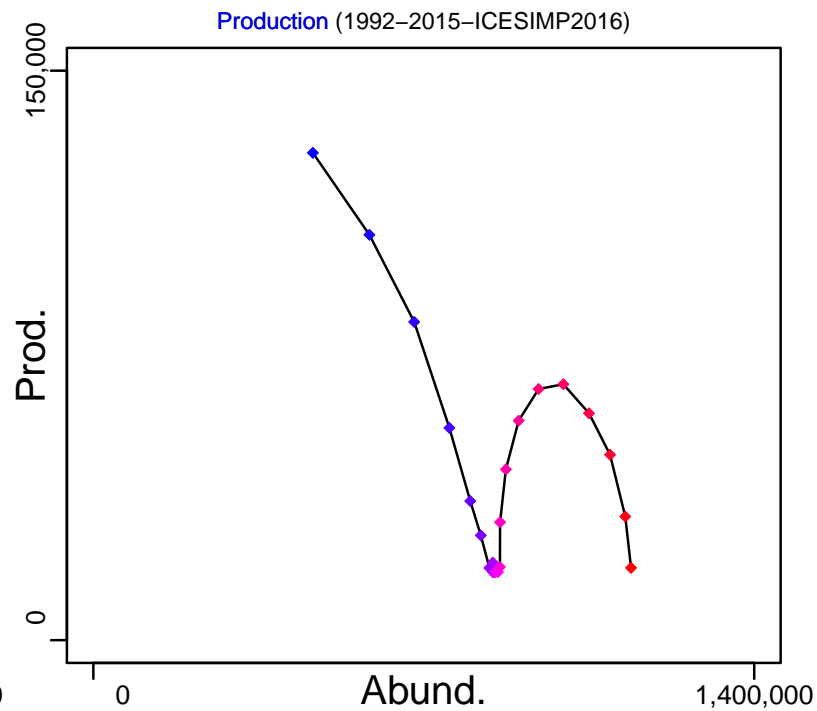
Kobe MGTpref (1992–2015–ICESIMP2016)



Spawner Recruit (1992–2015–ICESIMP2016)



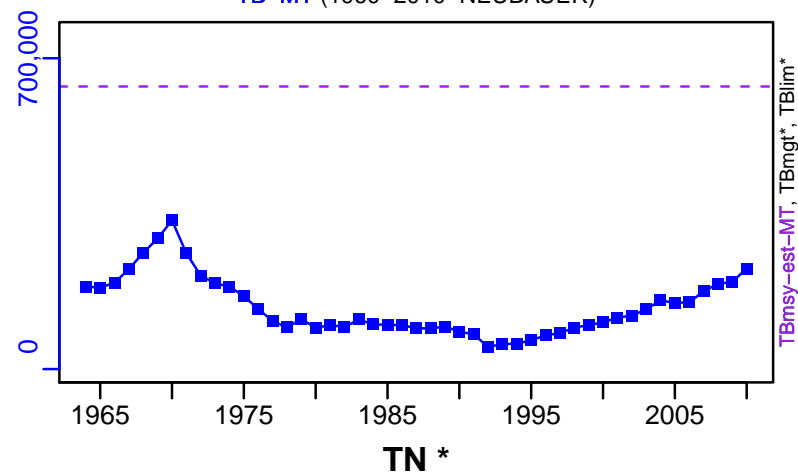
Production (1992–2015–ICESIMP2016)



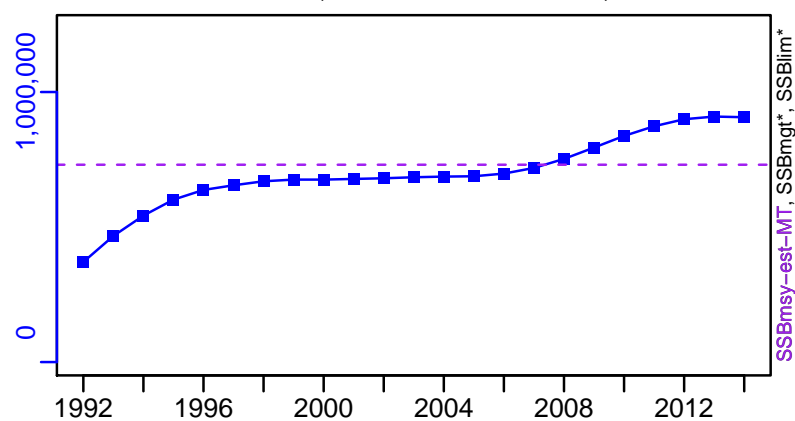
◆ Start Year ◆ End Year \* No Data

# Greenland halibut Northeast Arctic [GHALNEAR]

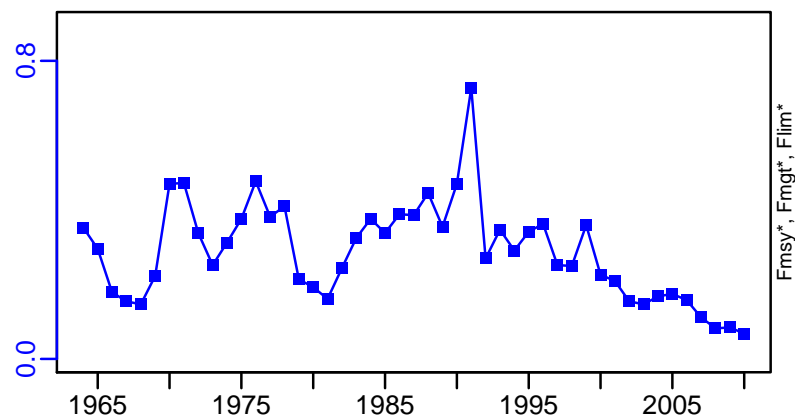
TB-MT (1960–2010–NEUBAUER)



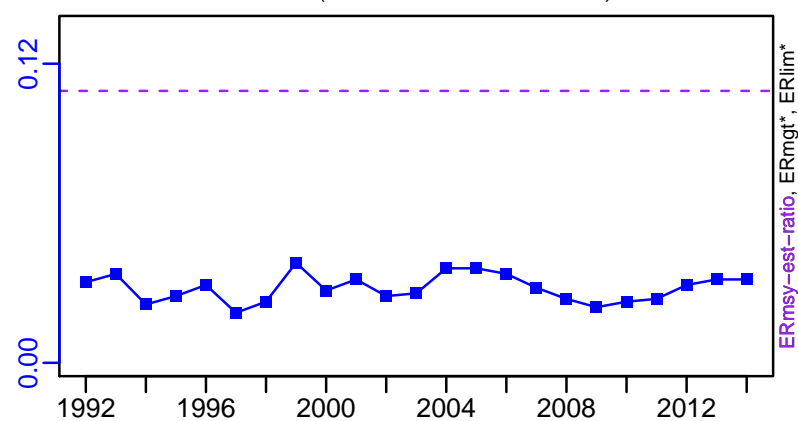
SSB-MT (1992–2015–ICESIMP2016)



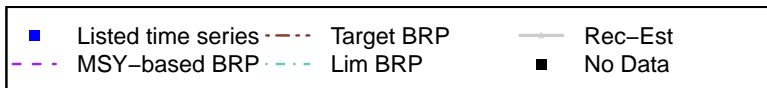
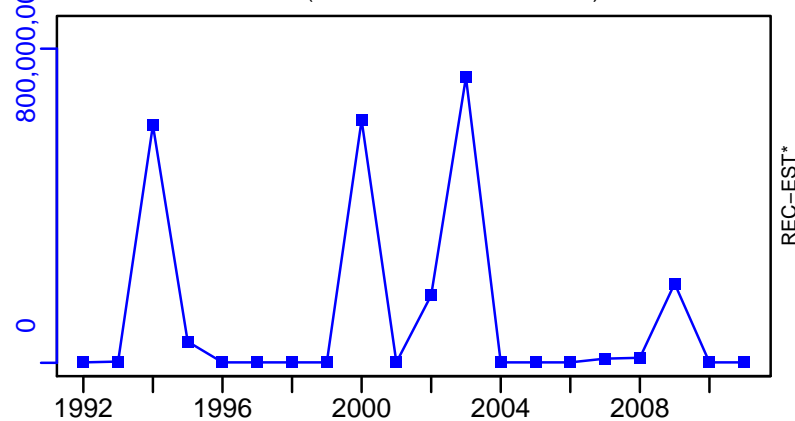
F-1/yr (1960–2010–NEUBAUER)



ER-ratio (1992–2015–ICESIMP2016)



R-E00 (1992–2015–ICESIMP2016)

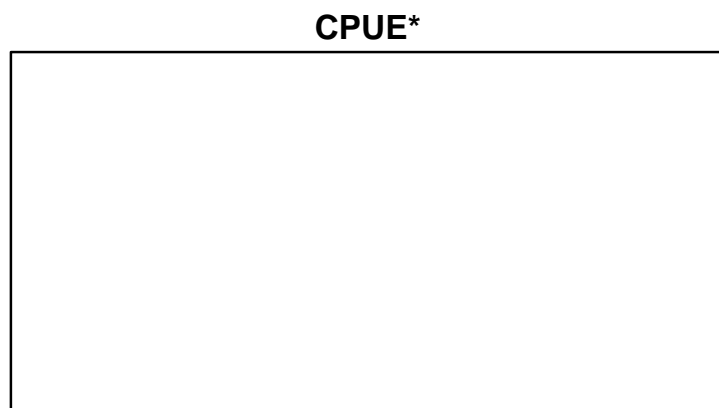
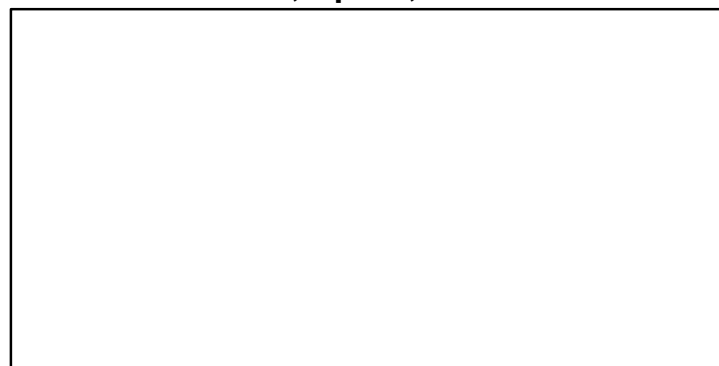
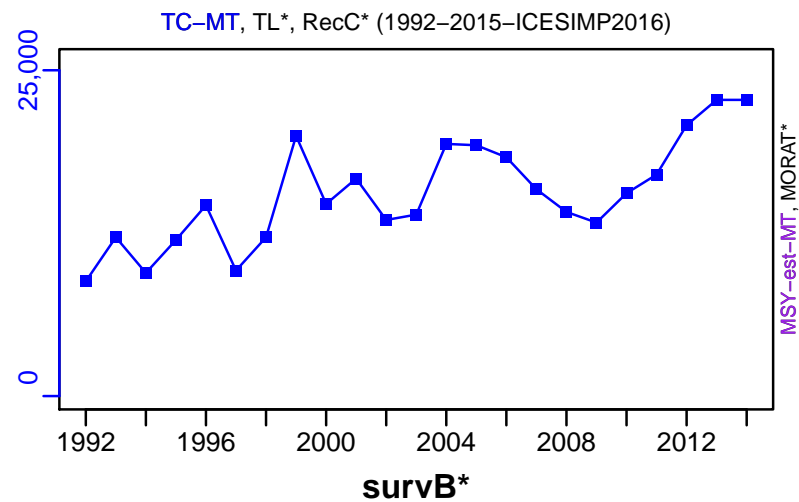




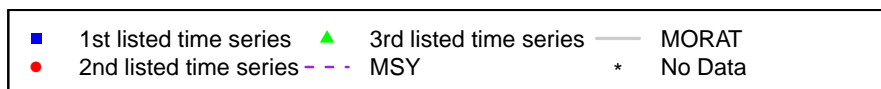
# Greenland halibut Northeast Arctic [GHALNEAR]

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	-	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]

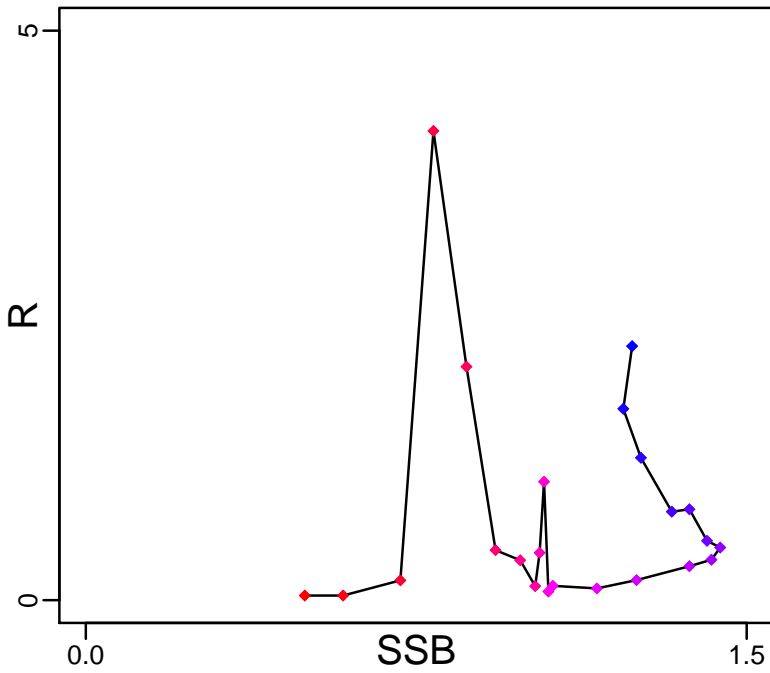
Kobe MSY\*



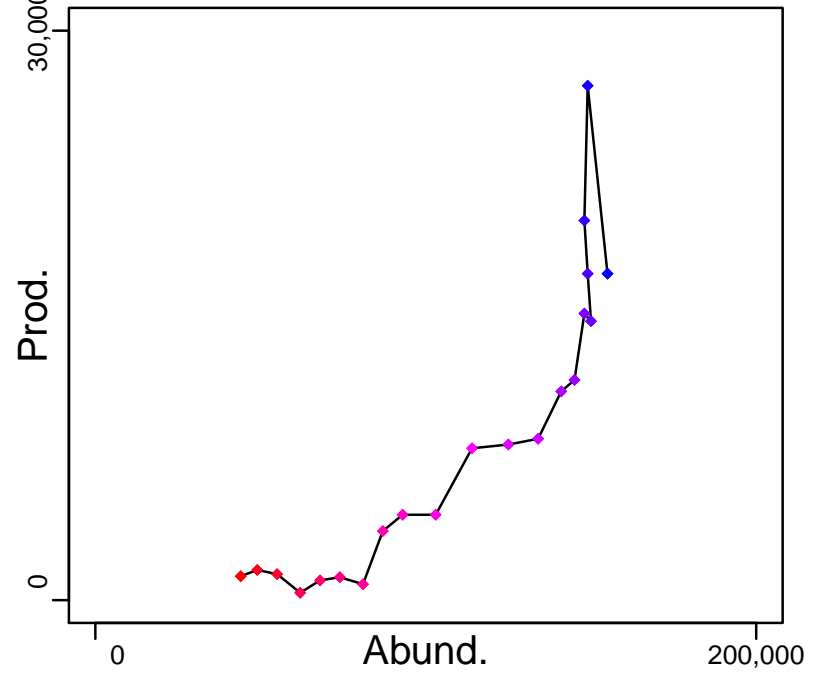
Kobe MGT\*



Spawner Recruit (1908–2016–ICESIMP2016)



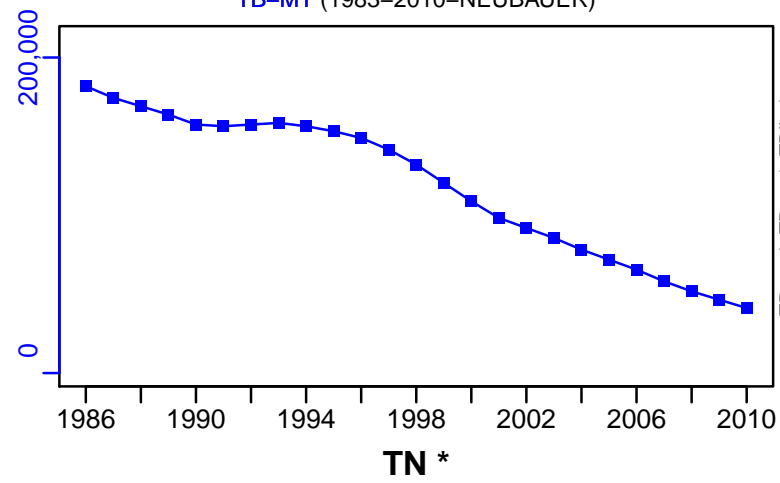
Production (1983–2010–NEUBAUER)



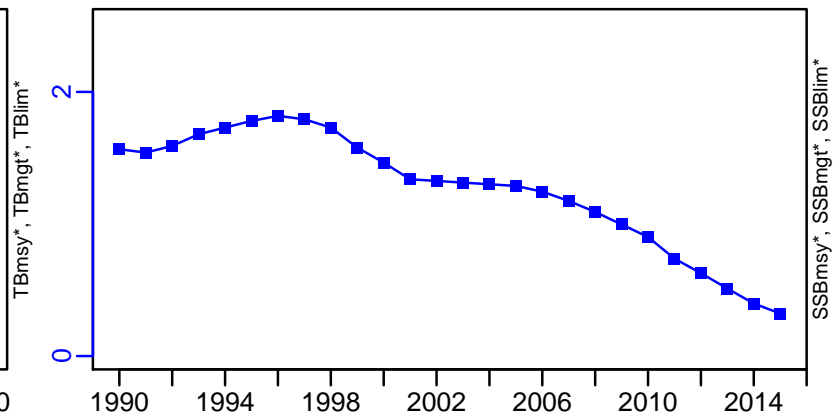
◆ Start Year ◆ End Year \* No Data

# Golden Redfish Northeast Arctic [GOLDREDNEAR]

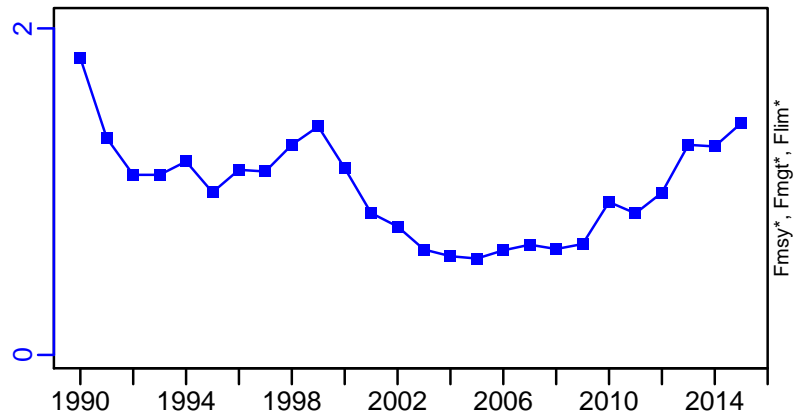
TB-MT (1983–2010–NEUBAUER)



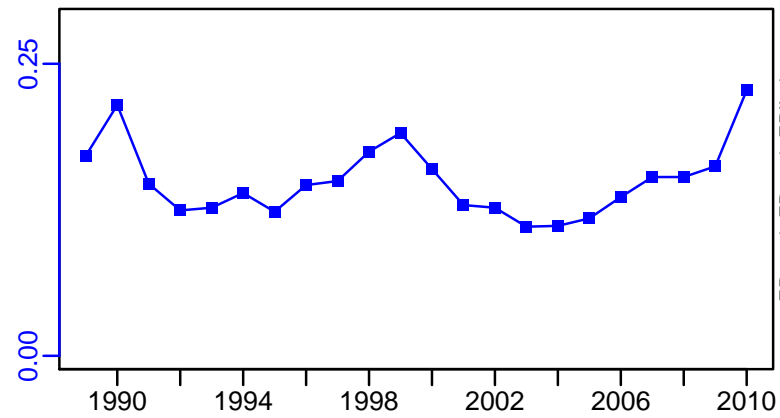
SSB-relative (1908–2016–ICESIMP2016)



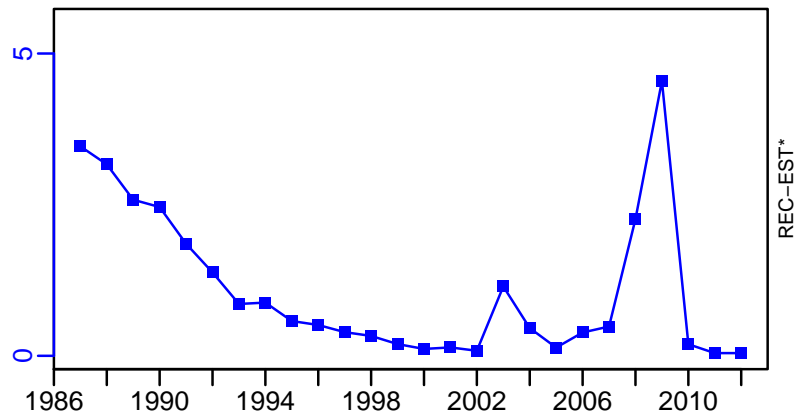
F-relative (1908–2016–ICESIMP2016)



ER-ratio (1983–2010–NEUBAUER)



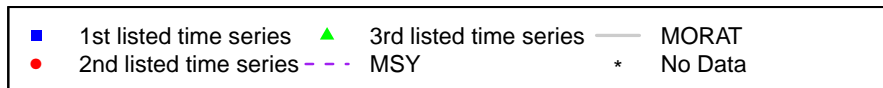
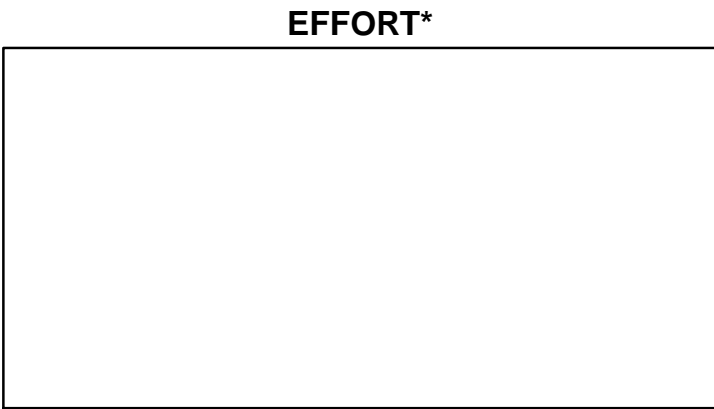
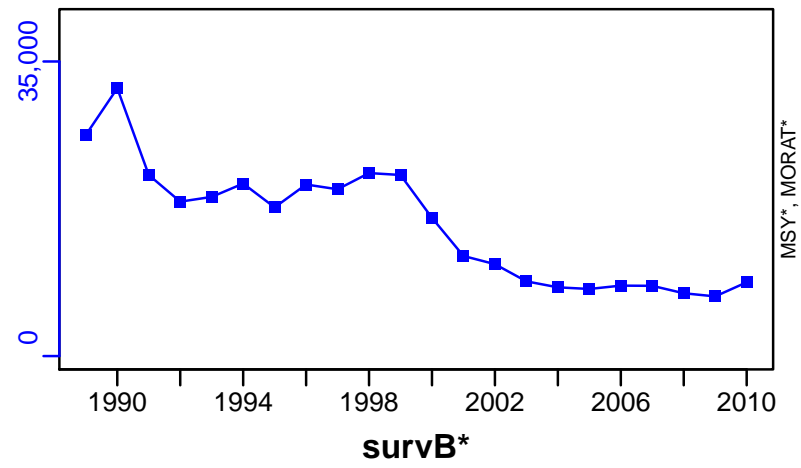
R-relative (1908–2016–ICESIMP2016)



# Golden Redfish Northeast Arctic [GOLDREDNEAR]

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

TAC\*, Cpair\*, Cadv\*



## 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	-	-	-		
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\*

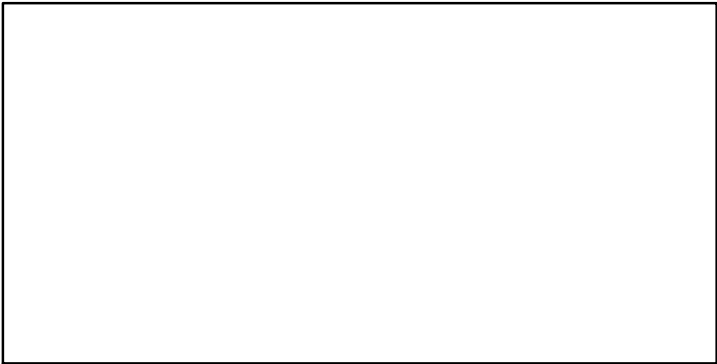




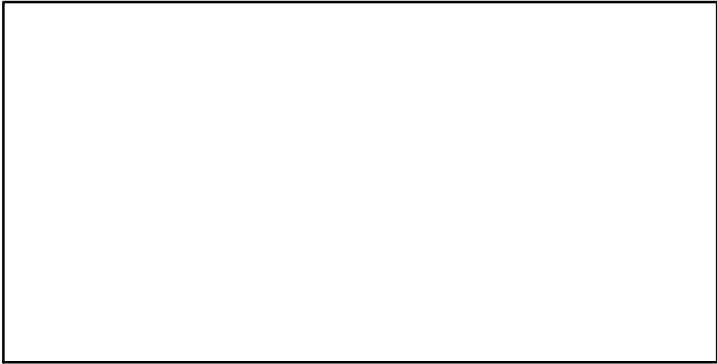
**TC\*, TL\*, RecC\***



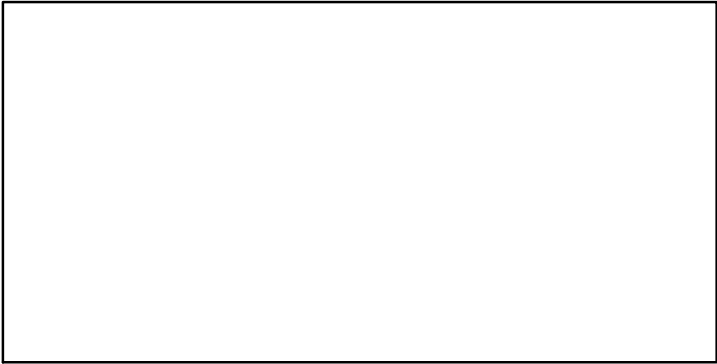
**TAC\*, Cpair\*, Cadv\***



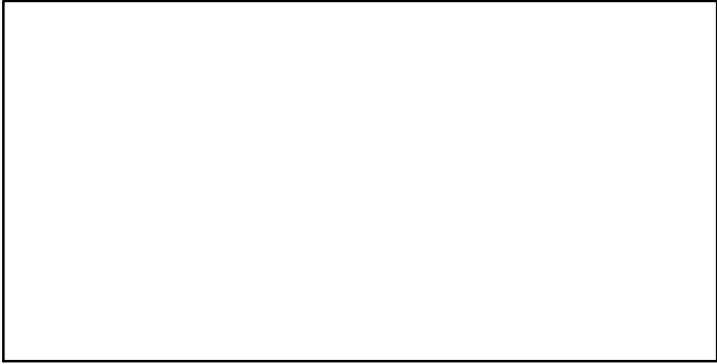
**survB\***



**CPUE\***



**EFFORT\***



■ 1st listed time series

● 2nd listed time series

▲ 3rd listed time series

- - MSY

— MORAT

\* No Data

## Haddock Faroe Plateau [HADFAPL]

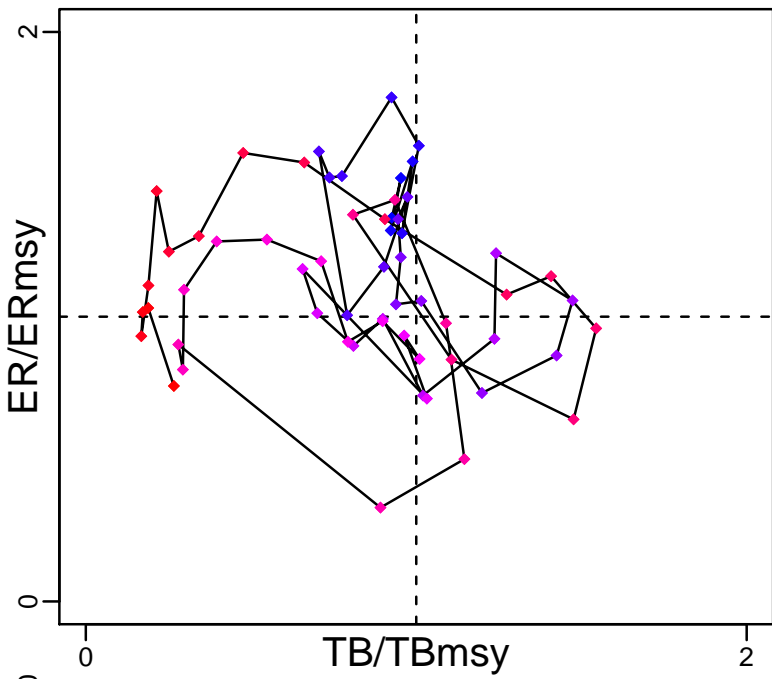
Metadata	
<b>Scientific Name</b>	Melanogrammus aeglefinus
<b>Current Assess ID</b>	NWWG-HADFAPL-1955-2016-ICESIMP2016
<b>Area</b>	Faroe Plateau
<b>Management Authority</b>	International Council for the Exploration of the Sea
<b>Assessor</b>	North-Western Working Group
<b>Asmts in RAM</b>	2012, 2013,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

Reference Points			
Type	ID	Asmt Year	Value
<b>TBmsy</b>	TBmsy-est-MT	2016	97,492
<b>SSBmsy</b>	SSBmsy-est-MT	2014	156,846
<b>Fmsy</b>	Fmsy-1/yr	2016	0.25
<b>ERmsy</b>	ERmsy-est-ratio	2016	0.17
<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>	-	-	-

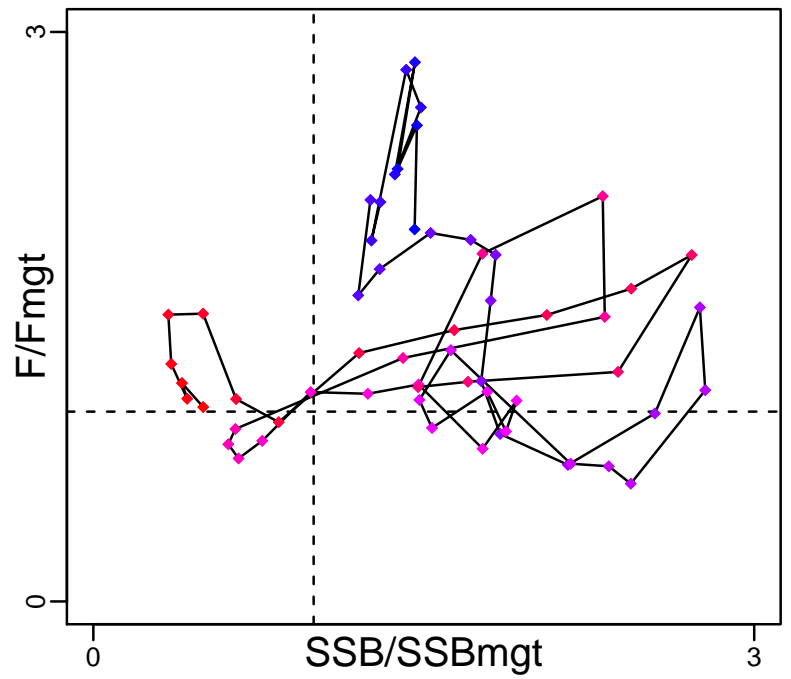
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
<b>TB</b>	TB-MT	2016	26,000	-	-
<b>SSB</b>	SSB-MT	2016	20,100	-	-
<b>TN</b>	-	-	-	-	-
<b>R</b>	R-E00	2016	6,830,000	-	2
<b>F</b>	F-1/yr	2016	0	-	3 to 7
<b>ER</b>	ER-calc-ratio	2016	0	-	-
<b>TC</b>	TC-MT	2016	3400		
<b>TL</b>	TL-MT	2016	3400		
<b>TB/TBmsy</b>	TB-MT/TBmsy-est-MT	2016	0.27		
<b>SSB/SSBmsy</b>	SSB-MT/SSBmsy-est-MT	2014	0.11		
<b>F/Fmsy</b>	F-1/yr/Fmsy-1/yr	2016	1.02		
<b>ER/ERmsy</b>	ER-calc-ratio/ERmsy-est-ratio	2016	0.76		
<b>TB/TBmgt</b>	-	-	-		
<b>SSB/SSBmgt</b>	SSB-MT/SSBmgt-MT	2016	0.57		
<b>F/Fmgt</b>	F-1/yr/Fmgt-1/yr	2016	1.02		
<b>ER/ERmgt</b>	-	-	-		

# Haddock Faroe Plateau [HADFAPL]

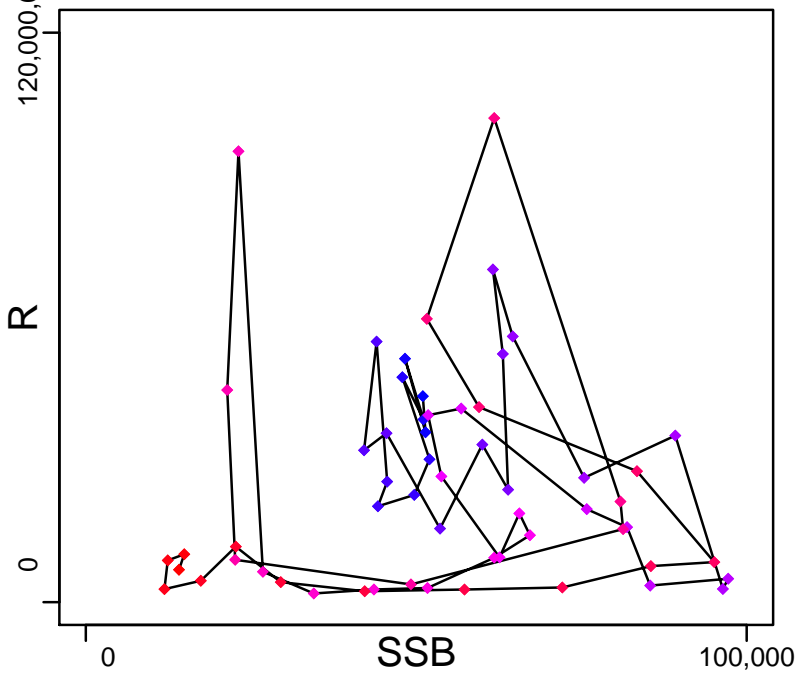
Kobe MSYpref (1955–2016–ICESIMP2016)



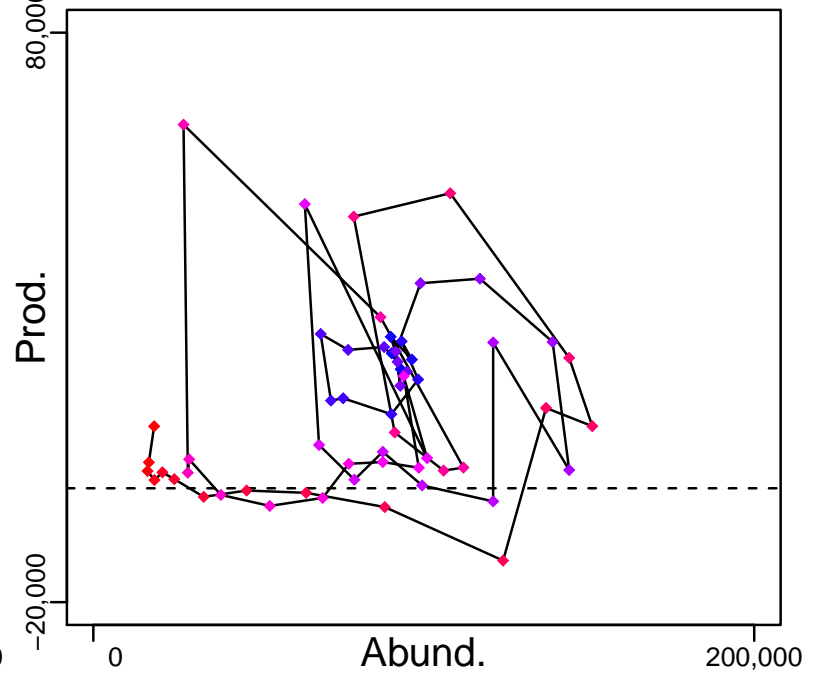
Kobe MGTpref (1955–2016–ICESIMP2016)



Spawner Recruit (1955–2016–ICESIMP2016)



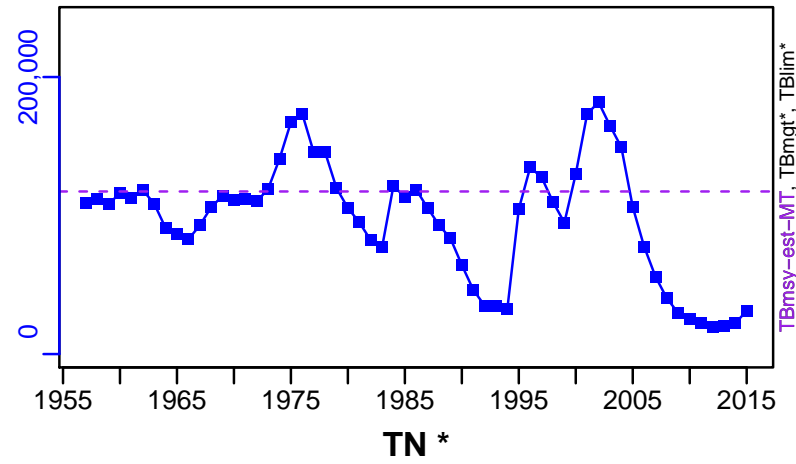
Production (1955–2016–ICESIMP2016)



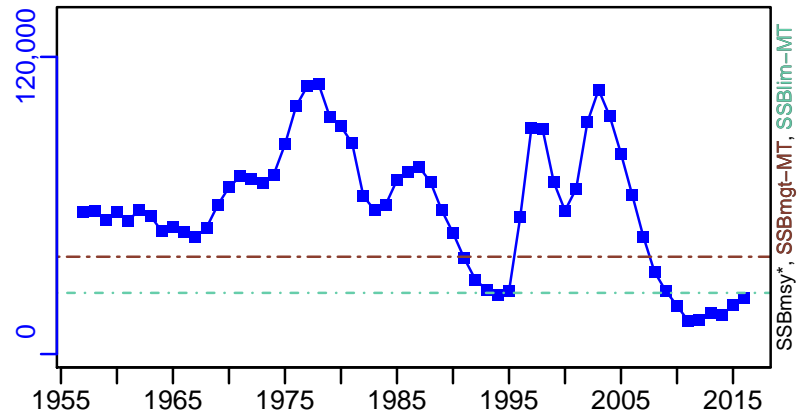
◆ Start Year ◆ End Year \* No Data

# Haddock Faroe Plateau [HADFAPL]

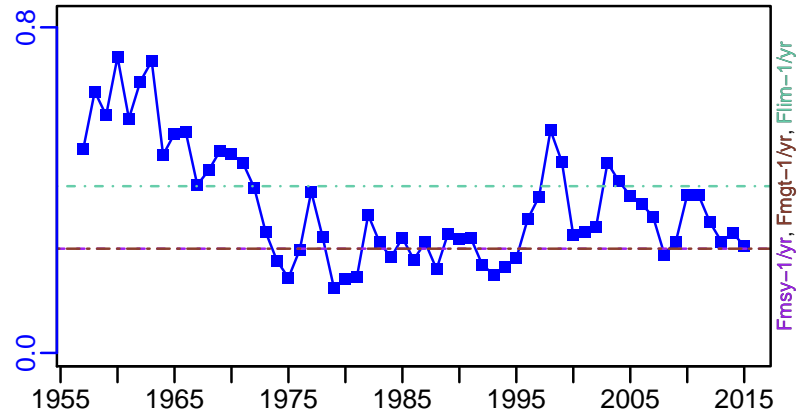
TB-MT (1955–2016–ICESIMP2016)



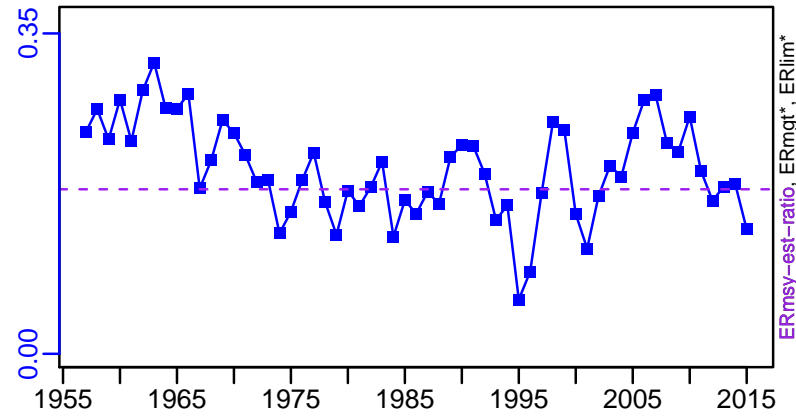
SSB-MT (1955–2016–ICESIMP2016)



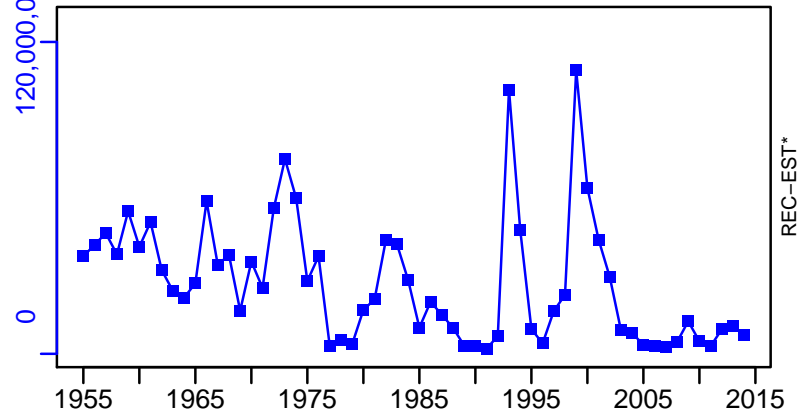
F-1/yr (1955–2016–ICESIMP2016)



ER-calc-ratio (1955–2016–ICESIMP2016)



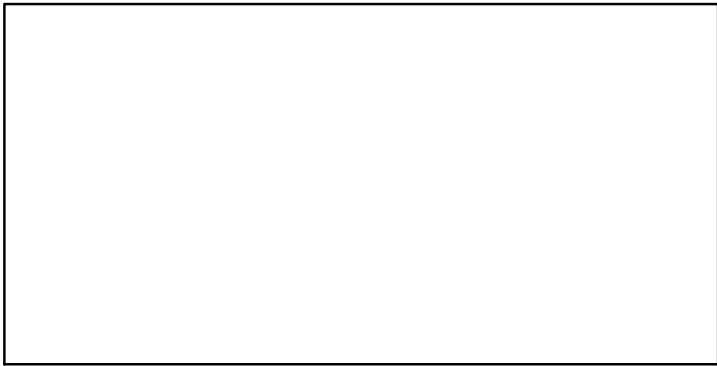
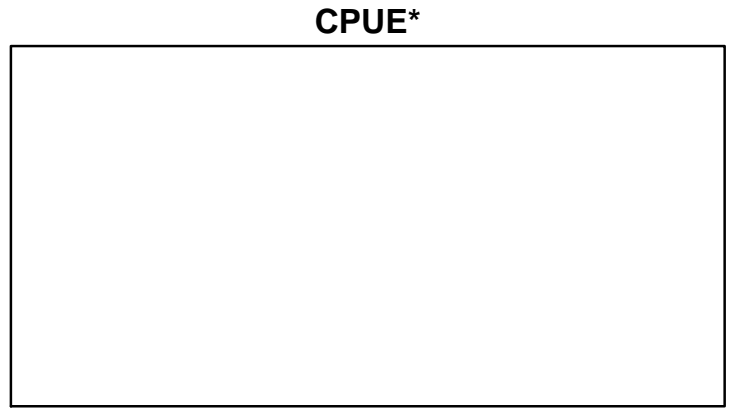
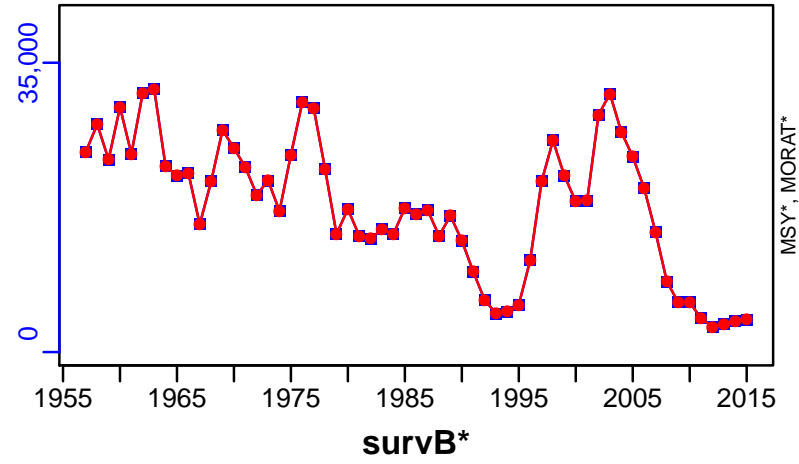
R-E00 (1955–2016–ICESIMP2016)



# Haddock Faroe Plateau [HADFAPL]

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

TAC\*, Cpair\*, Cadv\*



EFFORT\*



## Haddock Iceland [HADICE]

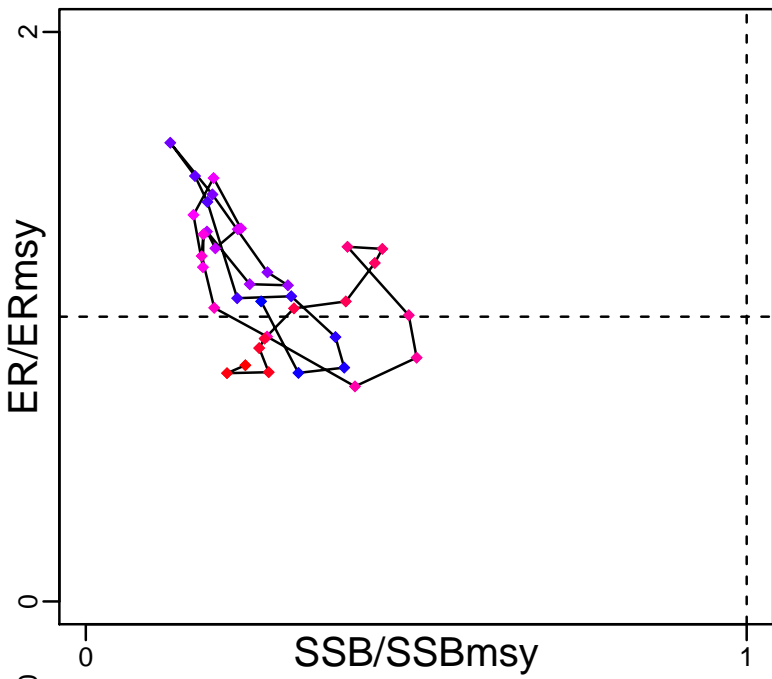
Metadata	
<b>Scientific Name</b>	Melanogrammus aeglefinus
<b>Current Assess ID</b>	NWWG-HADICE-1977-2016-ICESIMP2016
<b>Area</b>	Iceland Grounds
<b>Management Authority</b>	International Council for the Exploration of the Sea
<b>Assessor</b>	North-Western Working Group
<b>Asmts in RAM</b>	2012, 2013,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

Reference Points			
Type	ID	Asmt Year	Value
<b>TBmsy</b>	TBmsy-est-MT	2013	322,262
<b>SSBmsy</b>	SSBmsy-est-MT	2016	362,187
<b>Fmsy</b>	-	-	-
<b>ERmsy</b>	ERmsy-est-ratio	2016	0.18
<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>	MSY-est-MT	2016	197,938
<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>	-	-	-

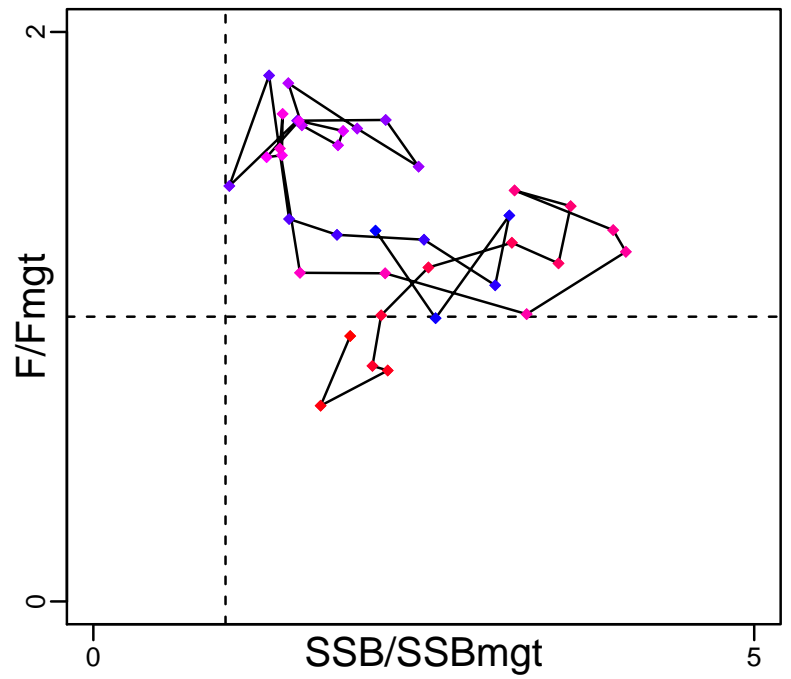
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
<b>TB</b>	TB-MT	2013	120,000	-	-
<b>SSB</b>	SSB-MT	2016	76,700	-	-
<b>TN</b>	-	-	-	-	-
<b>R</b>	R-E00	2016	$1.2 \times 10^8$	-	2
<b>F</b>	F-1/yr	2016	0	-	4 to 7
<b>ER</b>	ER-calc-ratio	2016	0	-	-
<b>TC</b>	TC-MT	2014	44,100		
<b>TL</b>	TL-MT	2016	39,600		
<b>TB/TBmsy</b>	TB-MT/TBmsy-est-MT	2013	0.37		
<b>SSB/SSBmsy</b>	SSB-MT/SSBmsy-est-MT	2016	0.21		
<b>F/Fmsy</b>	-	-	-		
<b>ER/ERmsy</b>	ER-calc-ratio/ERmsy-est-ratio	2016	0.83		
<b>TB/TBmgt</b>	-	-	-		
<b>SSB/SSBmgt</b>	SSB-MT/SSBmgt-MT	2016	1.7		
<b>F/Fmgt</b>	F-1/yr/Fmgt-1/yr	2016	0.93		
<b>ER/ERmgt</b>	-	-	-		

# Haddock Iceland [HADICE]

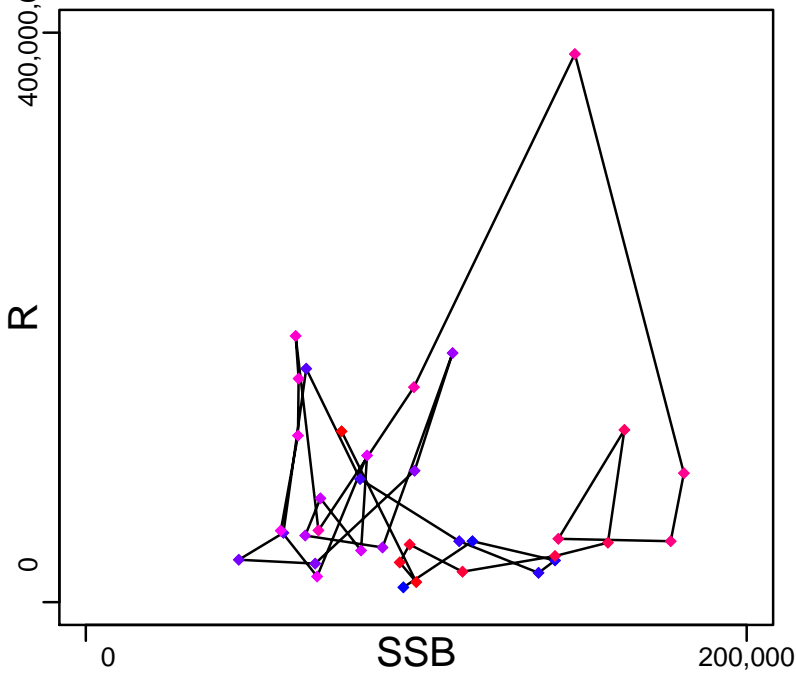
Kobe MSYpref (1977–2016–ICESIMP2016)



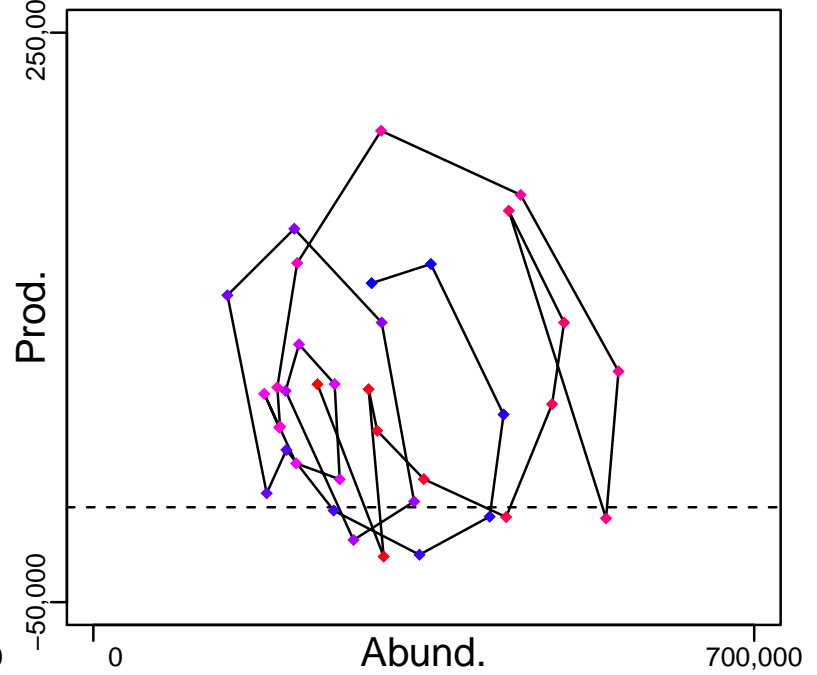
Kobe MGTpref (1977–2016–ICESIMP2016)



Spawner Recruit (1977–2016–ICESIMP2016)

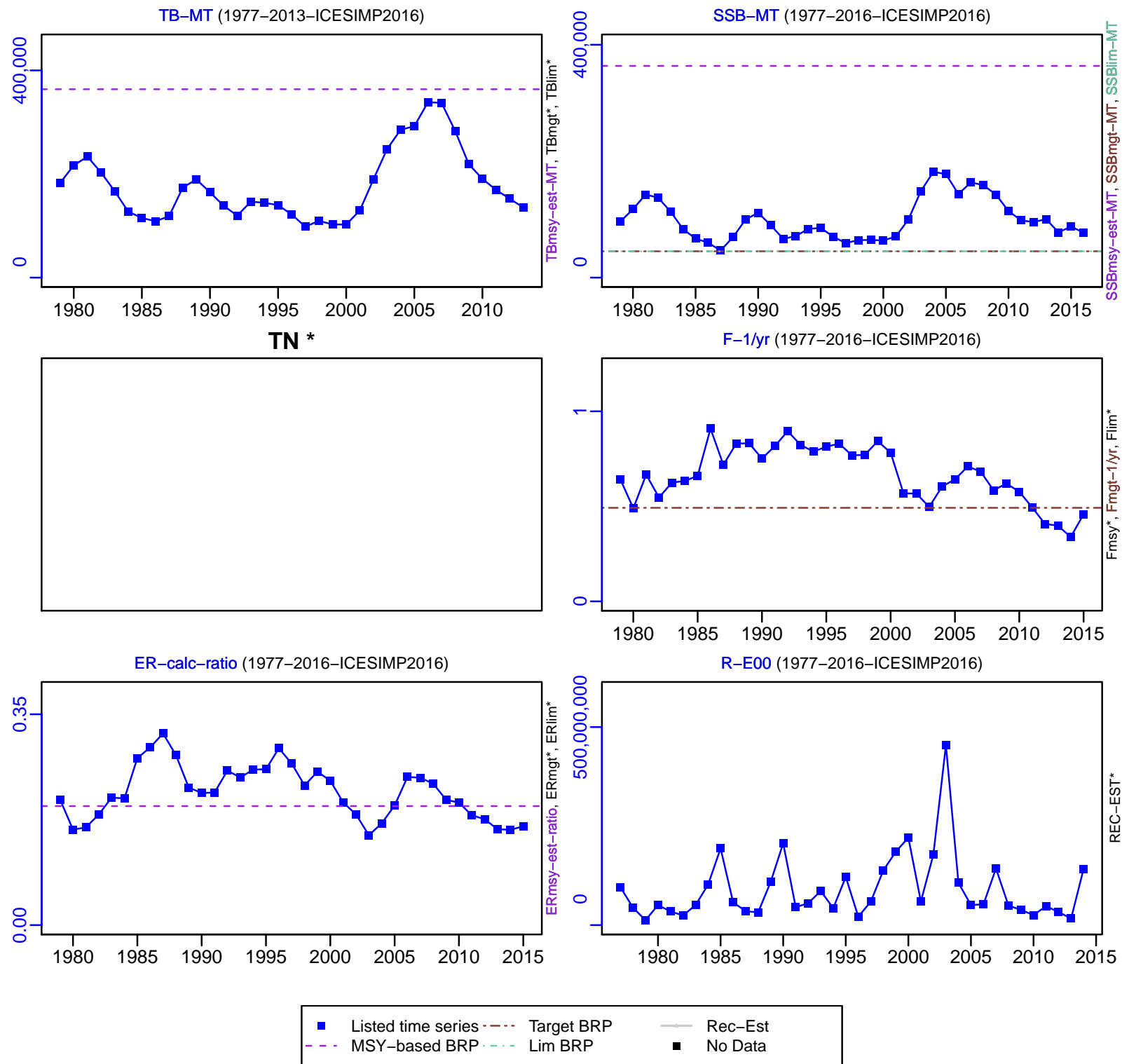


Production (1977–2016–ICESIMP2016)



◆ Start Year ◆ End Year \* No Data

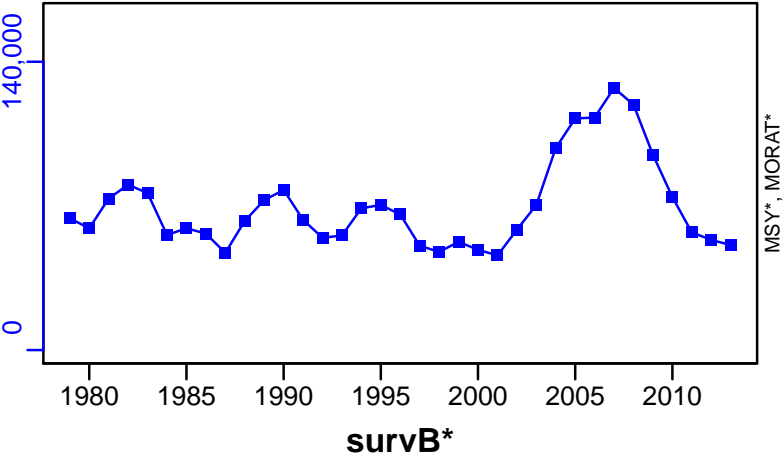
# Haddock Iceland [HADICE]





Haddock Iceland [HADICE]

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



TAC\*, Cpair\*, Cadv\*



CPUE\*



EFFORT\*



## Haddock Northeast Arctic [HADNEAR]

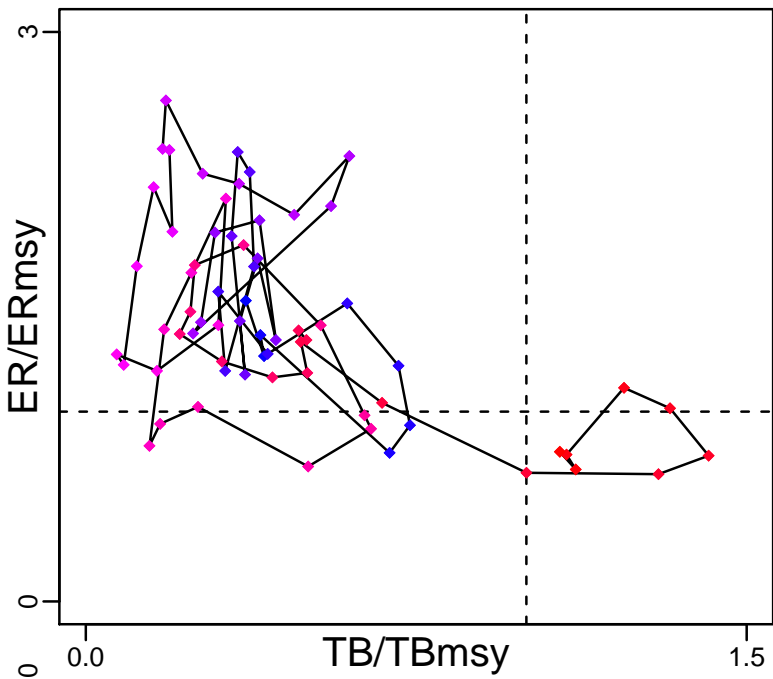
Metadata	
<b>Scientific Name</b>	Melanogrammus aeglefinus
<b>Current Assess ID</b>	AFWG-HADNEAR-1947-2016-ICESIMP2016
<b>Area</b>	North-East Arctic
<b>Management Authority</b>	International Council for the Exploration of the Sea
<b>Assessor</b>	Arctic Fisheries Working Group
<b>Asmts in RAM</b>	2012,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

Reference Points			
Type	ID	Asmt Year	Value
<b>TBmsy</b>	TBmsy-est-MT	2016	1,031,818
<b>SSBmsy</b>	-	-	-
<b>Fmsy</b>	Fmsy-1/yr	2016	0.35
<b>ERmsy</b>	ERmsy-est-ratio	2016	0.22
<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>	MSY-est-MT	2016	229,591
<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>	-	-	-

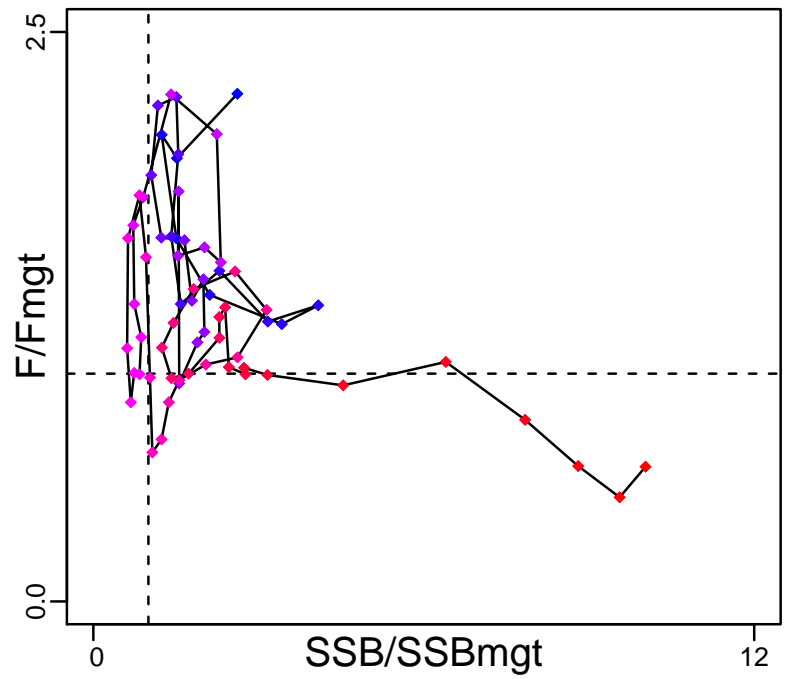
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
<b>TB</b>	TB-MT	2016	1,110,000	-	-
<b>SSB</b>	SSB-MT	2016	753,000	-	-
<b>TN</b>	-	-	-	-	-
<b>R</b>	R-E00	2016	$2.35 \times 10^8$	-	3
<b>F</b>	F-1/yr	2016	0	-	4 to 7
<b>ER</b>	ER-calc-ratio	2016	0	-	-
<b>TC</b>	TC-MT	2016	195,000		
<b>TL</b>	TL-MT	2016	195,000		
<b>TB/TBmsy</b>	TB-MT/TBmsy-est-MT	2016	1.08		
<b>SSB/SSBmsy</b>	-	-	-		
<b>F/Fmsy</b>	F-1/yr/Fmsy-1/yr	2016	0.59		
<b>ER/ERmsy</b>	ER-calc-ratio/ERmsy-est-ratio	2016	0.79		
<b>TB/TBmgt</b>	-	-	-		
<b>SSB/SSBmgt</b>	SSB-MT/SSBmgt-MT	2016	9.42		
<b>F/Fmgt</b>	F-1/yr/Fmgt-1/yr	2016	0.59		
<b>ER/ERmgt</b>	-	-	-		

# Haddock Northeast Arctic [HADNEAR]

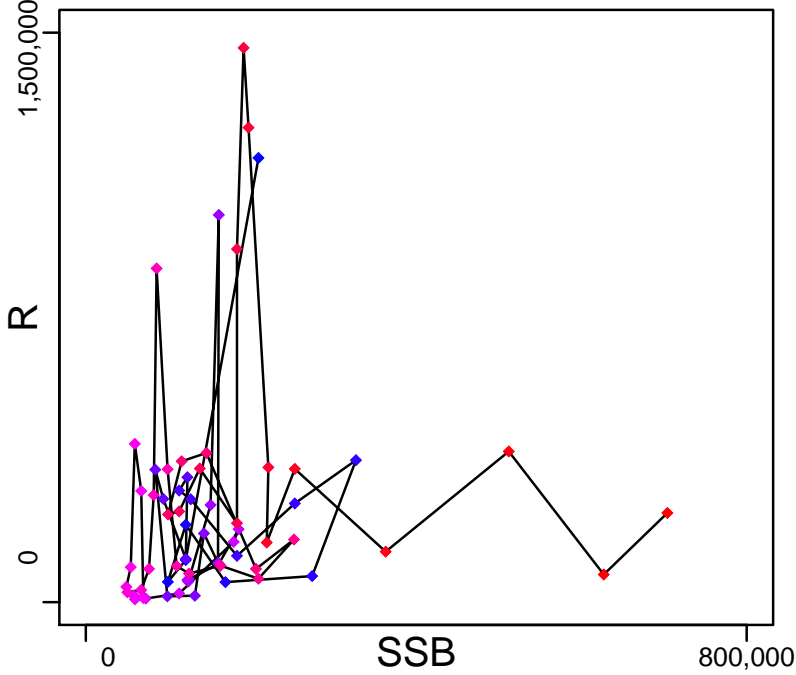
Kobe MSYpref (1947–2016–ICESIMP2016)



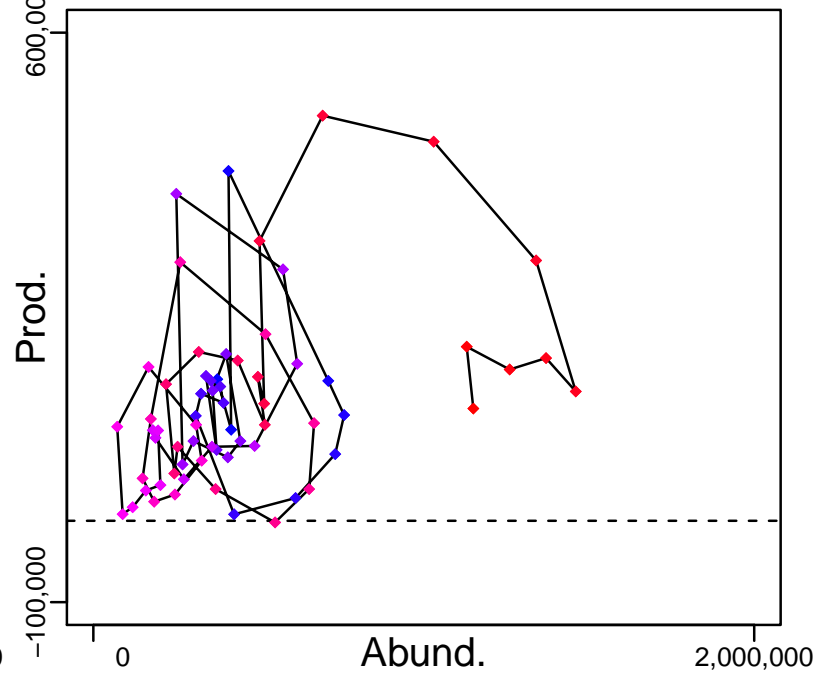
Kobe MGTpref (1947–2016–ICESIMP2016)



Spawner Recruit (1947–2016–ICESIMP2016)



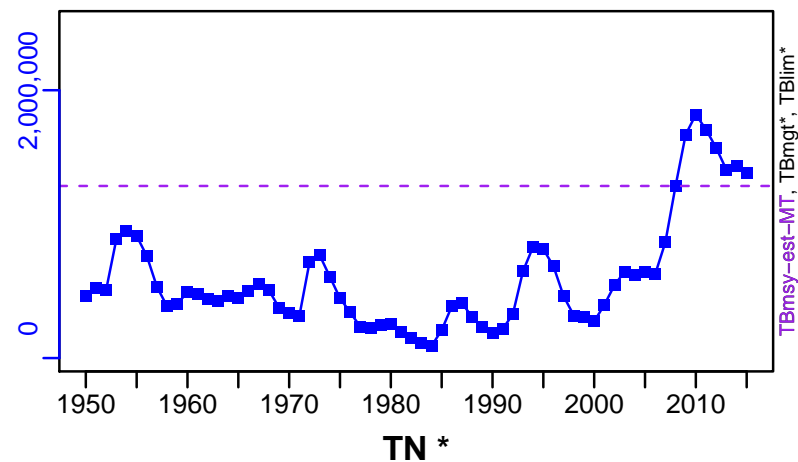
Production (1947–2016–ICESIMP2016)



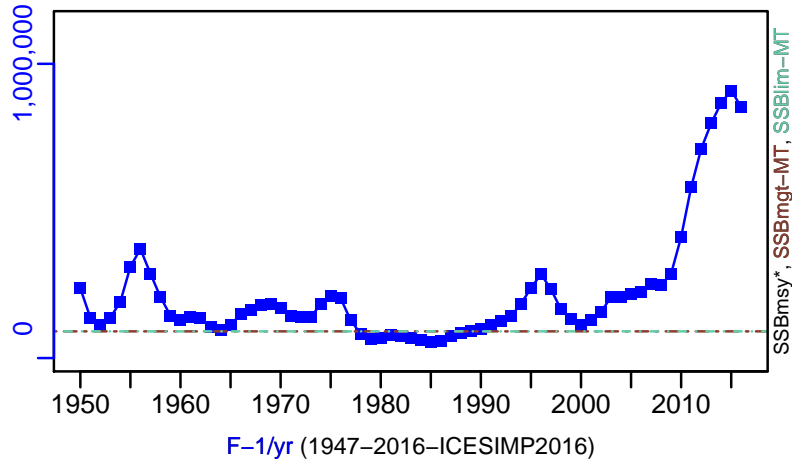
◆ Start Year ◆ End Year \* No Data

# Haddock Northeast Arctic [HADNEAR]

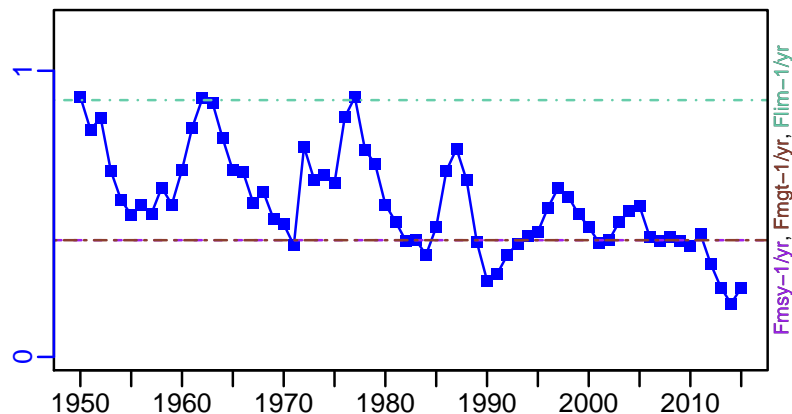
TB-MT (1947-2016-ICESIMP2016)



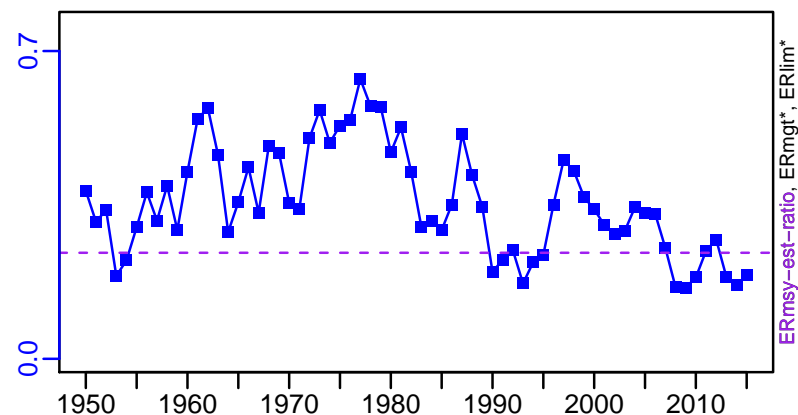
SSB-MT (1947-2016-ICESIMP2016)



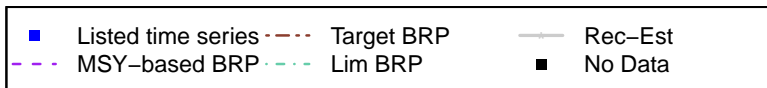
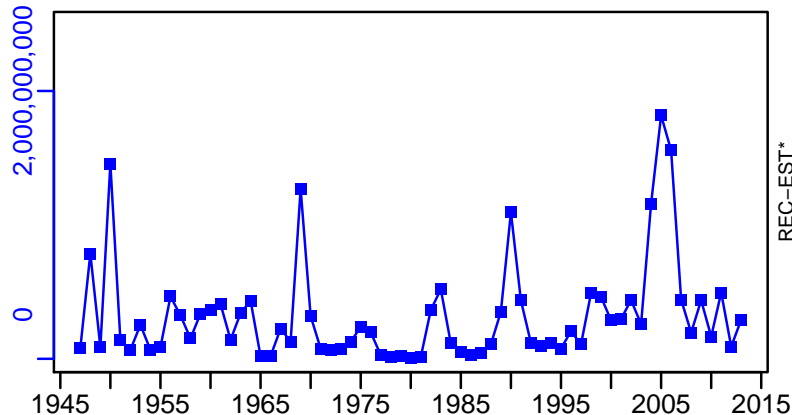
F-1/yr (1947-2016-ICESIMP2016)



ER-calc-ratio (1947-2016-ICESIMP2016)

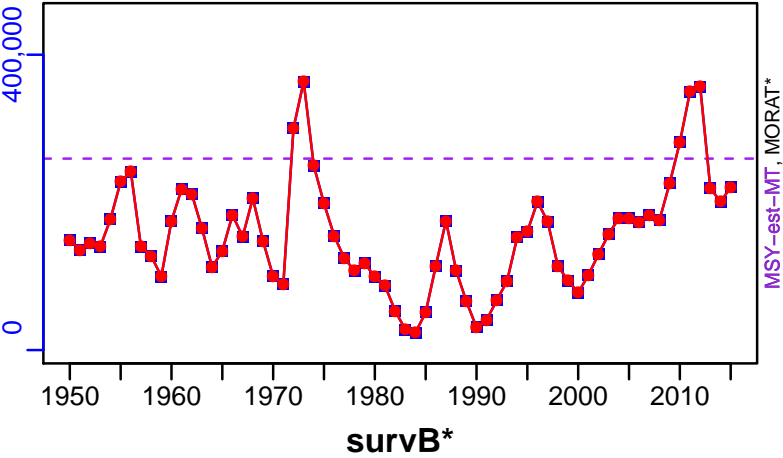


R-E00 (1947-2016-ICESIMP2016)



Haddock Northeast Arctic [HADNEAR]

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



TAC\*, Cpair\*, Cadv\*



CPUE\*



EFFORT\*



## Herring Iceland (Summer spawners) [HERRIsum]

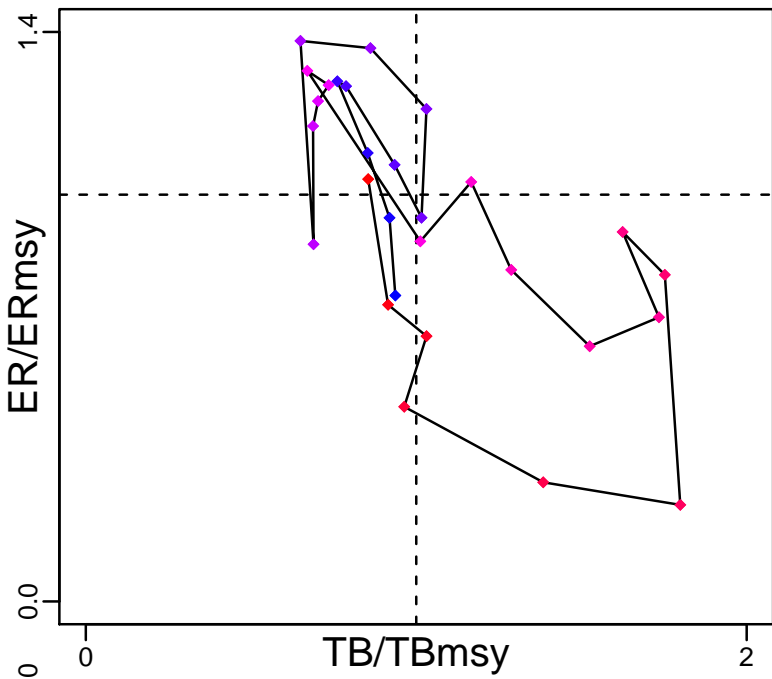
Metadata	
<b>Scientific Name</b>	Clupea harengus
<b>Current Assess ID</b>	NWWG-HERRIsum-1987-2015-ICESIMP2016
<b>Area</b>	Iceland Grounds
<b>Management Authority</b>	International Council for the Exploration of the Sea
<b>Assessor</b>	North-Western Working Group
<b>Asmts in RAM</b>	2011, 2013, 2014,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

Reference Points			
Type	ID	Asmt Year	Value
<b>TBmsy</b>	TBmsy-est-MT	2015	538,484
<b>SSBmsy</b>	-	-	-
<b>Fmsy</b>	Fmsy-1/yr	2015	0.22
<b>ERmsy</b>	ERmsy-est-ratio	2015	0.2
<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>	MSY-est-MT	2015	107,089
<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>	-	-	-

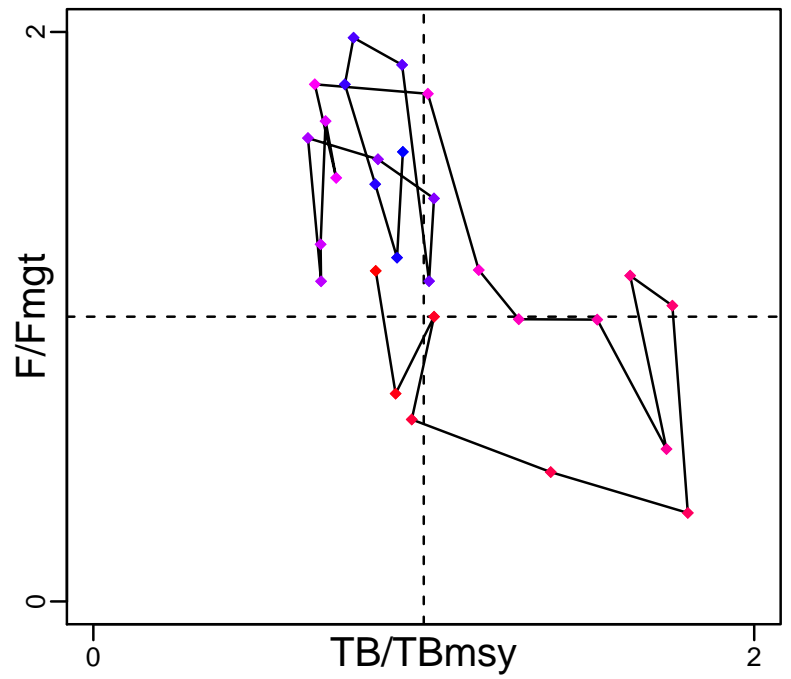
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
<b>TB</b>	TB-MT	2015	438,000	-	3+
<b>SSB</b>	SSB-MT	2015	342,000	-	-
<b>TN</b>	-	-	-	-	-
<b>R</b>	R-E00	2015	$4.77 \times 10^8$	-	0
<b>F</b>	F-1/yr	2015	0	-	-
<b>ER</b>	ER-calc-ratio	2015	0	-	-
<b>TC</b>	TC-MT	2015	95,000		
<b>TL</b>	TL-MT	2015	95,000		
<b>TB/TBmsy</b>	TB-MT/TBmsy-est-MT	2015	0.81		
<b>SSB/SSBmsy</b>	-	-	-		
<b>F/Fmsy</b>	F-1/yr/Fmsy-1/yr	2015	1.16		
<b>ER/ERmsy</b>	ER-calc-ratio/ERmsy-est-ratio	2015	1.04		
<b>TB/TBmgt</b>	-	-	-		
<b>SSB/SSBmgt</b>	SSB-MT/SSBmgt-MT	2014	1.43		
<b>F/Fmgt</b>	F-1/yr/Fmgt-1/yr	2015	1.16		
<b>ER/ERmgt</b>	-	-	-		

# Herring Iceland (Summer spawners) [HERRIsum]

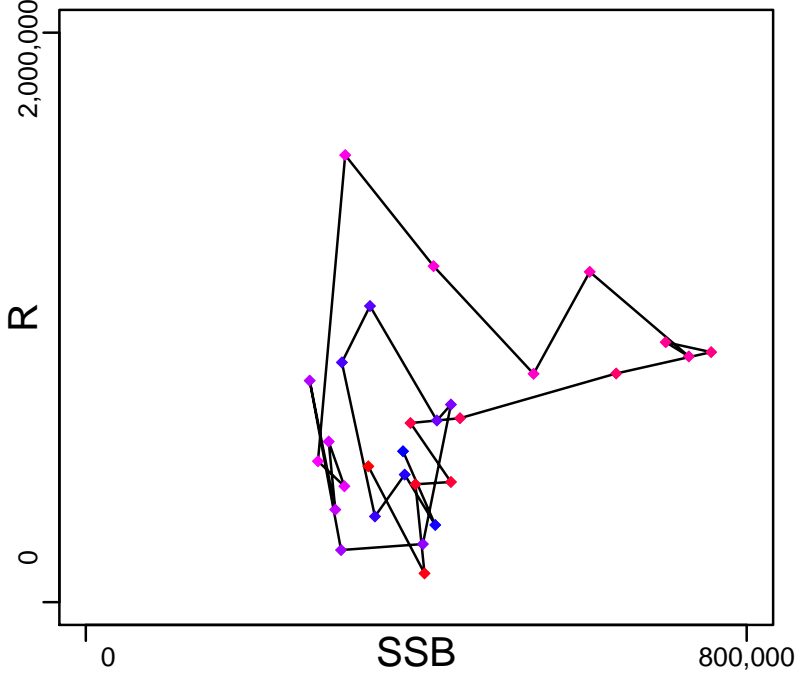
Kobe MSYpref (1987–2015–ICESIMP2016)



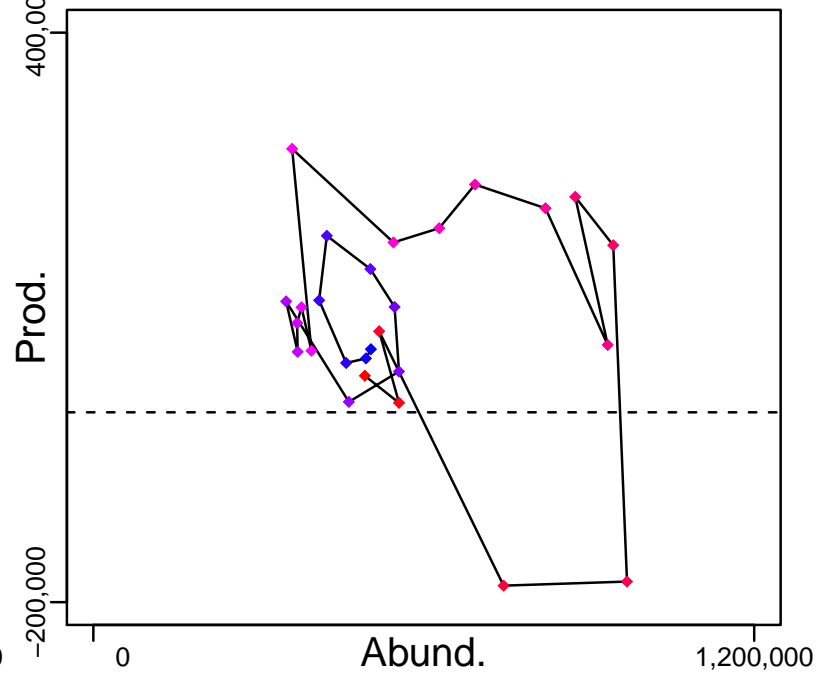
Kobe MGTpref (1987–2015–ICESIMP2016)



Spawner Recruit (1987–2015–ICESIMP2016)



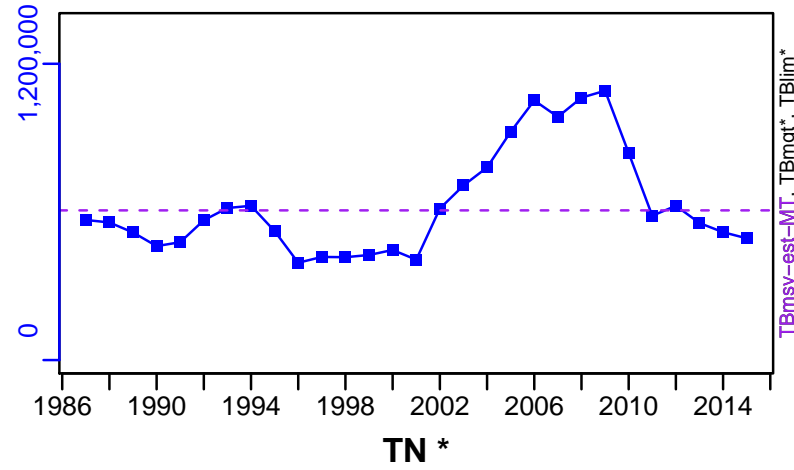
Production (1987–2015–ICESIMP2016)



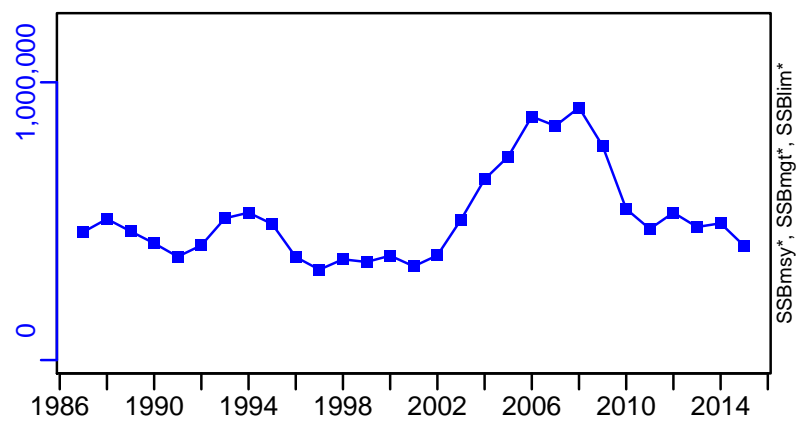
◆ Start Year ◆ End Year \* No Data

# Herring Iceland (Summer spawners) [HERRIsum]

TB-MT (1987–2015–ICESIMP2016)



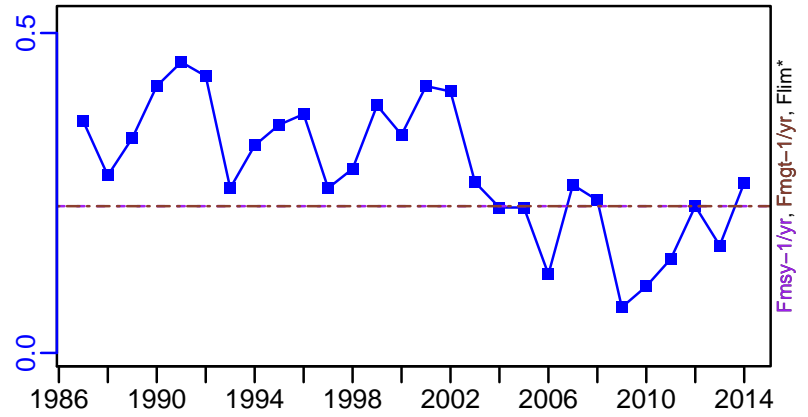
SSB-MT (1987–2015–ICESIMP2016)



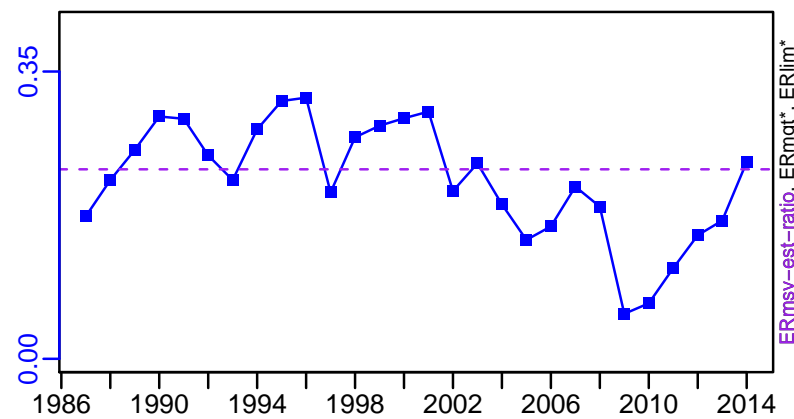
TN \*



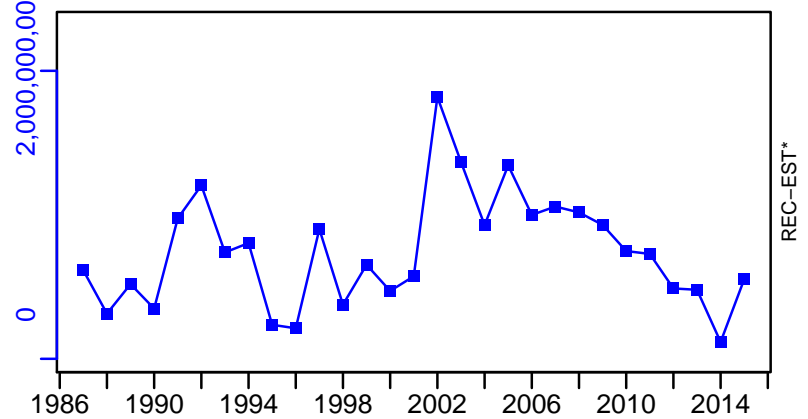
F-1/yr (1987–2015–ICESIMP2016)



ER-calc-ratio (1987–2015–ICESIMP2016)



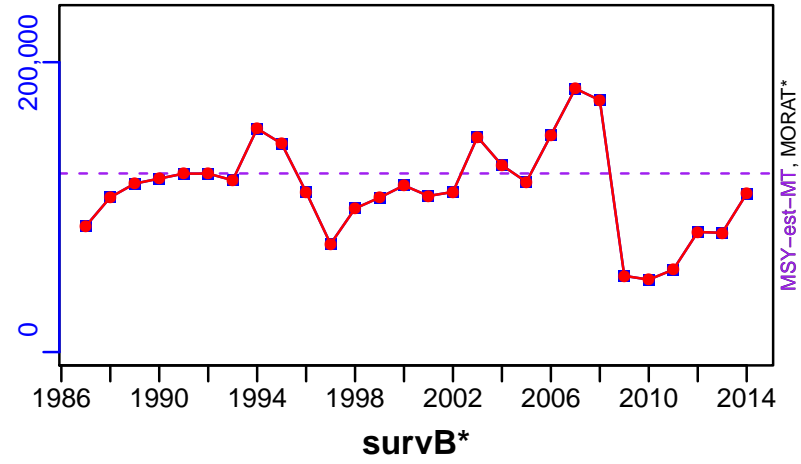
R-E00 (1987–2015–ICESIMP2016)





# Herring Iceland (Summer spawners) [HERRIsum]

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



TAC\*, Cpair\*, Cadv\*



CPUE\*



EFFORT\*



## Norwegian Spring Spawning Herring [HERRNORSS]

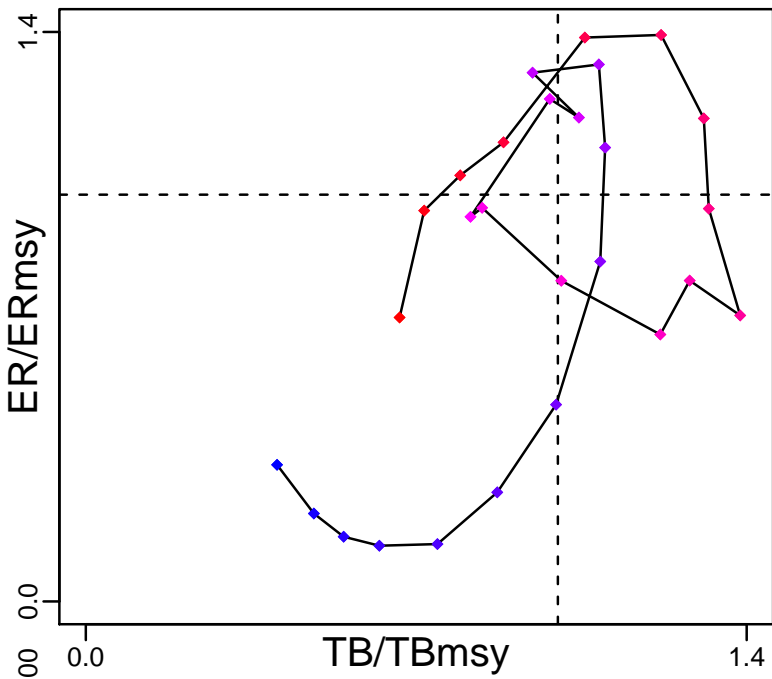
Metadata	
<b>Scientific Name</b>	Clupea harengus
<b>Current Assess ID</b>	WGWIDE-HERRNORSS-1988-2015-ICESIMP2016
<b>Area</b>	I-II-IVa-V-XIVa
<b>Management Authority</b>	International Council for the Exploration of the Sea
<b>Assessor</b>	Working Group on Widely Distributed Stocks
<b>Asmts in RAM</b>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

Reference Points			
Type	ID	Asmt Year	Value
<b>TBmsy</b>	TBmsy-est-MT	2015	8,450,899
<b>SSBmsy</b>	-	-	-
<b>Fmsy</b>	-	-	-
<b>ERmsy</b>	ERmsy-est-ratio	2015	0.12
<b>TBmgt</b>	-	-	-
<b>SSBmgt</b>	SSBmgt-MT	2015	$5 \times 10^6$
<b>Fmgt</b>	Fmgt-1/yr	2015	0.12
<b>ERmgt</b>	-	-	-
<b>TB0</b>	-	-	-
<b>SSB0</b>	-	-	-
<b>MSY</b>	MSY-est-MT	2015	994,225
<b>M</b>	-	-	-
<b>TBlim</b>	-	-	-
<b>SSBlim</b>	SSBlim-MT	2015	2,500,000
<b>Flim</b>	-	-	-
<b>ERlim</b>	-	-	-

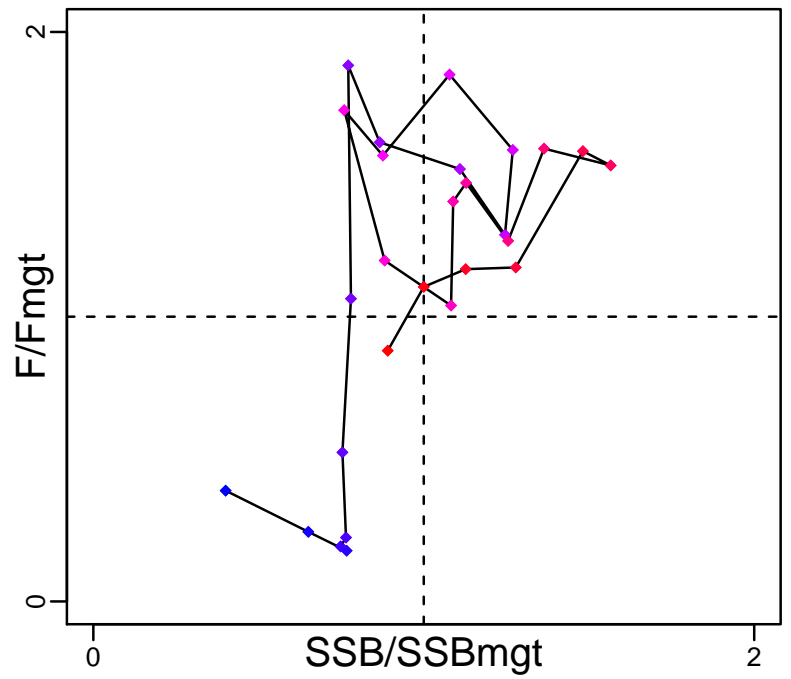
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
<b>TB</b>	TB-MT	2015	5,290,000	-	-
<b>SSB</b>	SSB-MT	2015	3,950,000	-	-
<b>TN</b>	-	-	-	-	-
<b>R</b>	R-E00	2015	$7.68 \times 10^{10}$	-	0
<b>F</b>	F-1/yr	2015	0	-	5 to 14
<b>ER</b>	ER-calc-ratio	2015	0	-	-
<b>TC</b>	TC-MT	2014	685,000		
<b>TL</b>	TL-MT	2015	461,000		
<b>TB/TBmsy</b>	TB-MT/TBmsy-est-MT	2015	0.63		
<b>SSB/SSBmsy</b>	-	-	-		
<b>F/Fmsy</b>	-	-	-		
<b>ER/ERmsy</b>	ER-calc-ratio/ERmsy-est-ratio	2015	0.7		
<b>TB/TBmgt</b>	-	-	-		
<b>SSB/SSBmgt</b>	SSB-MT/SSBmgt-MT	2015	0.79		
<b>F/Fmgt</b>	F-1/yr/Fmgt-1/yr	2015	0.88		
<b>ER/ERmgt</b>	-	-	-		

# Norwegian Spring Spawning Herring [HERRNORSS]

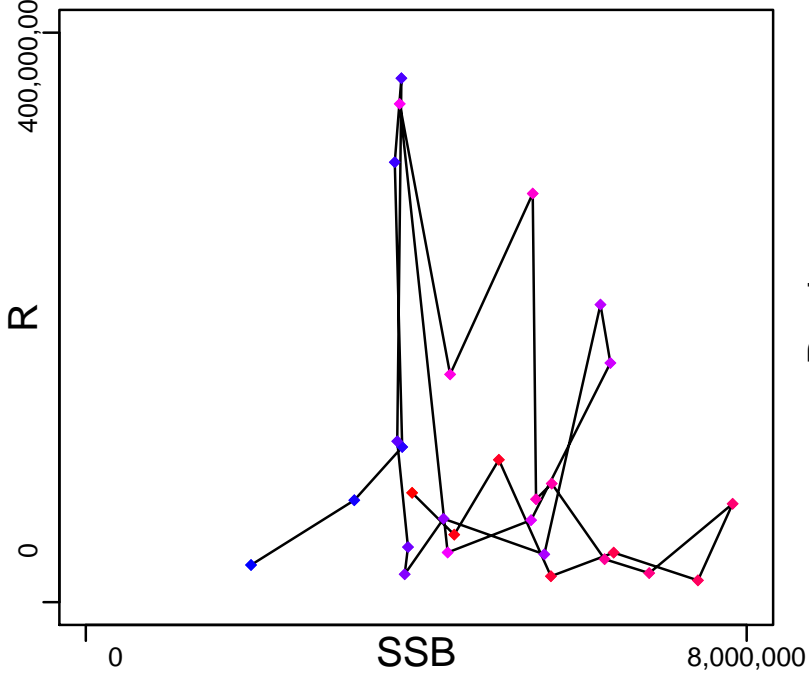
Kobe MSYpref (1988–2015–ICESIMP2016)



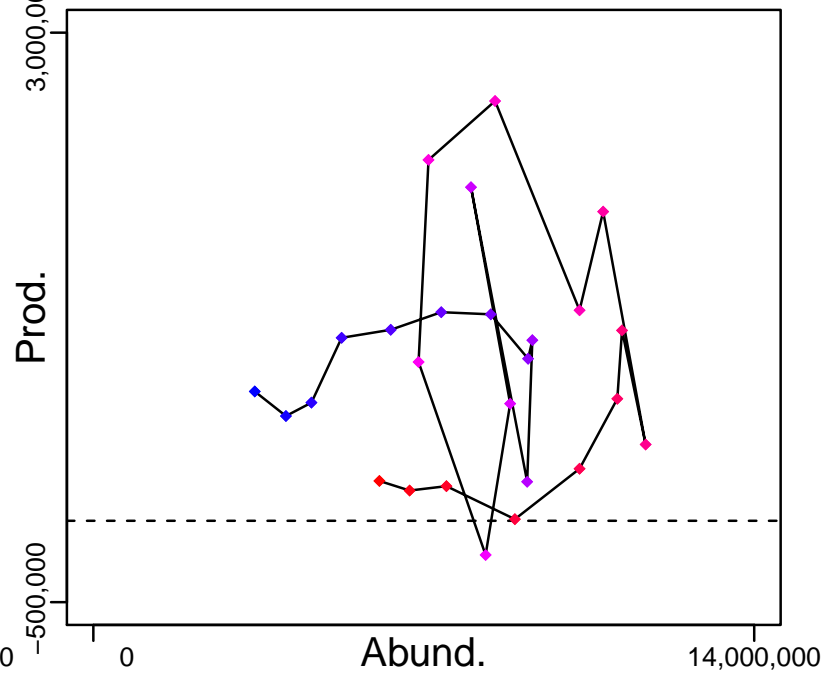
Kobe MGTpref (1988–2015–ICESIMP2016)



Spawner Recruit (1988–2015–ICESIMP2016)

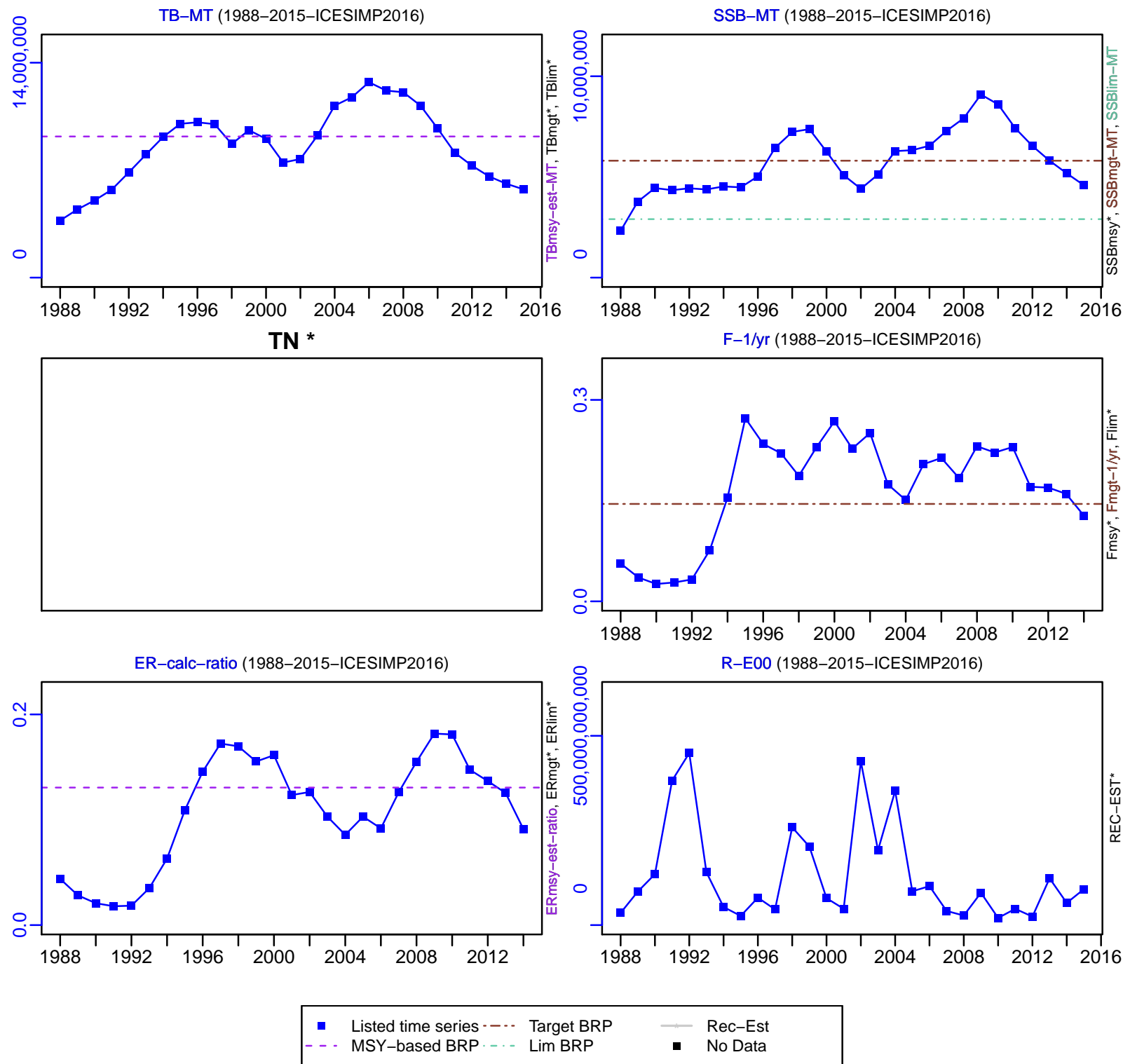


Production (1988–2015–ICESIMP2016)



◆ Start Year ◆ End Year \* No Data

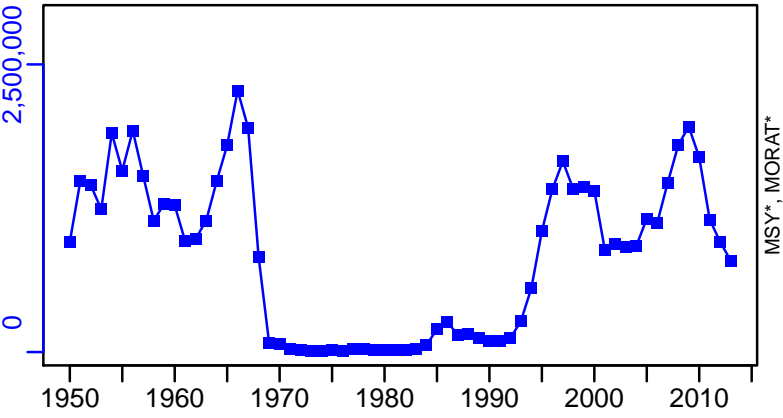
# Norwegian Spring Spawning Herring [HERRNORSS]



# Norwegian Spring Spawning Herring [HERRNORSS]

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

TAC\*, Cpair\*, Cadv\*



survB\*

CPUE\*

EFFORT\*

- 1st listed time series
- 2nd listed time series
- 3rd listed time series
- MSY
- MORAT
- No Data

## 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	-	-	-	-	-
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\***



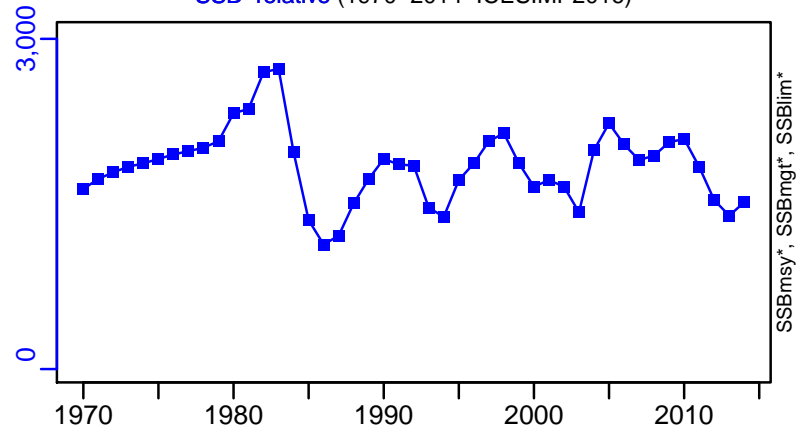
◆ Start Year   ◆ End Year   \* No Data

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

TB\*



SSB-relative (1970-2014-ICESIMP2016)



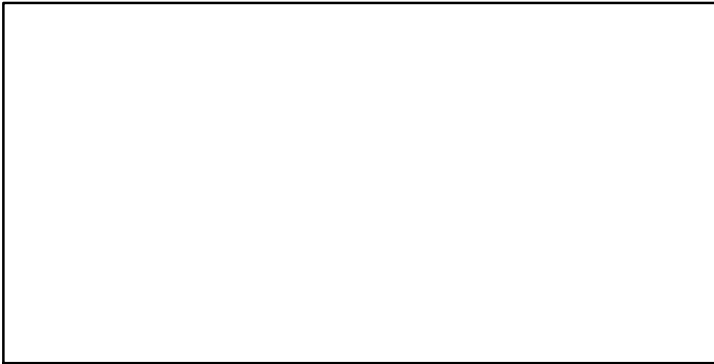
TN \*



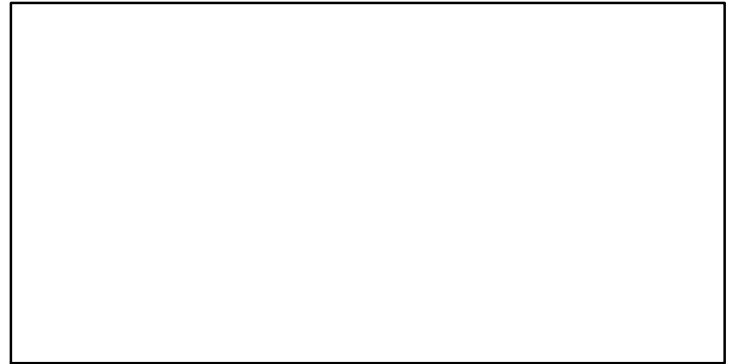
F\*



ER\*



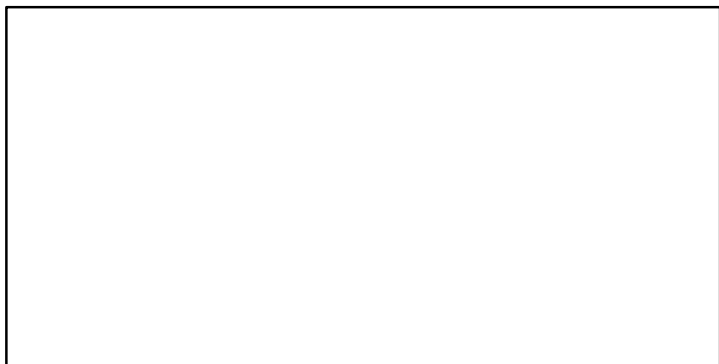
Recruits\*



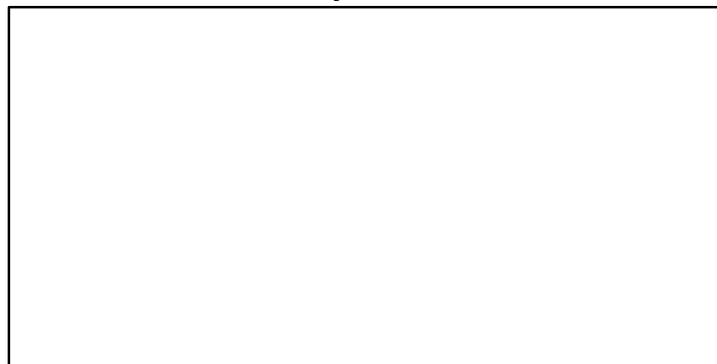


Northern shrimp North-East Arctic [PANDALI-II]

**TC\*, TL\*, RecC\***



**TAC\*, Cpair\*, Cadv\***



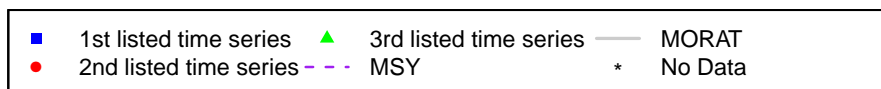
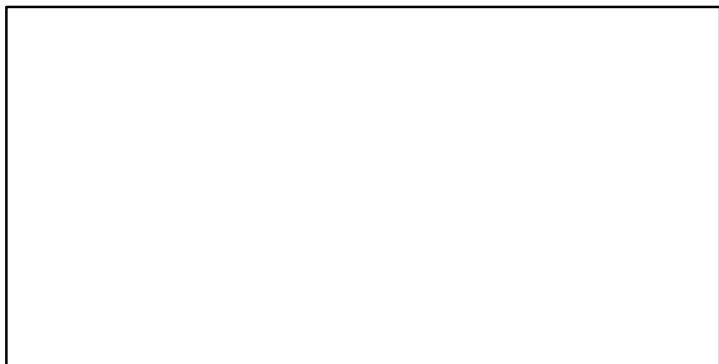
**survB\***



**CPUE\***



**EFFORT\***



## Pollock Faroe Plateau [POLLFAPL]

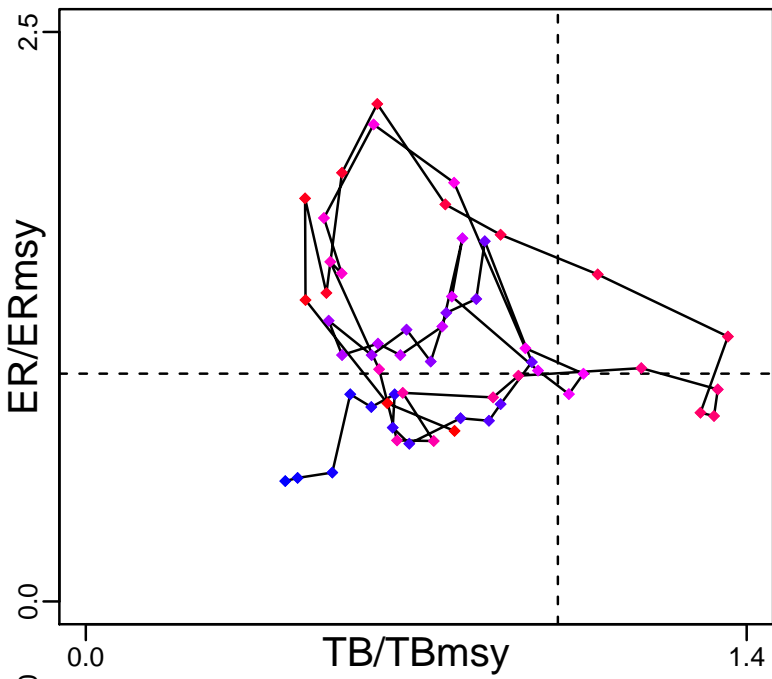
Metadata	
<b>Scientific Name</b>	Pollachius virens
<b>Current Assess ID</b>	NWWG-POLLFAPL-1958-2016-ICESIMP2016
<b>Area</b>	Faroe Plateau
<b>Management Authority</b>	International Council for the Exploration of the Sea
<b>Assessor</b>	North-Western Working Group
<b>Asmts in RAM</b>	2012, 2013, 2014,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

Reference Points			
Type	ID	Asmt Year	Value
<b>TBmsy</b>	TBmsy-est-MT	2016	248,521
<b>SSBmsy</b>	-	-	-
<b>Fmsy</b>	Fmsy-1/yr	2016	0.3
<b>ERmsy</b>	ERmsy-est-ratio	2016	0.17
<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>	MSY-est-MT	2016	42,971
<b>M</b>	-	-	-
<b>TBlim</b>	-	-	-
<b>SSBlim</b>	-	-	-
<b>Flim</b>	-	-	-
<b>ERlim</b>	-	-	-

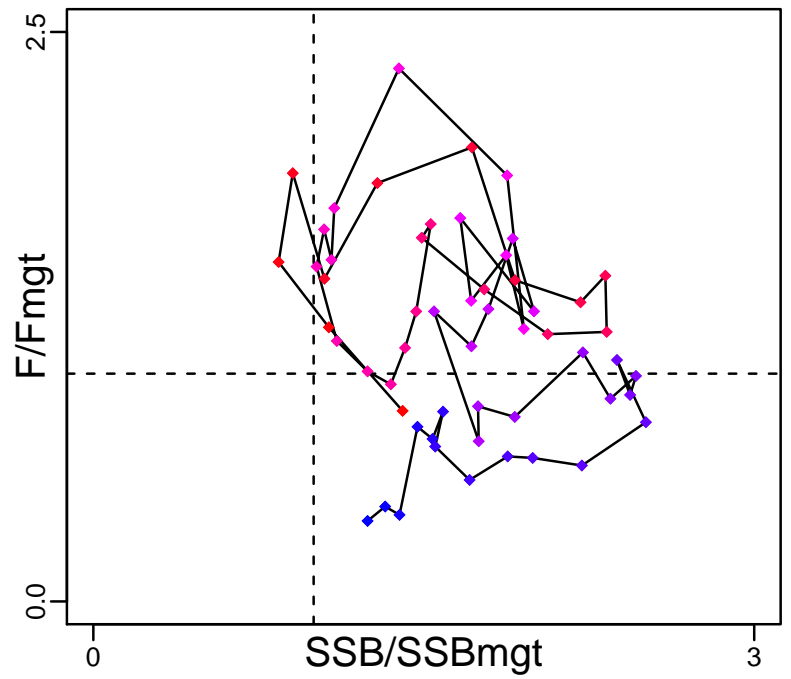
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
<b>TB</b>	TB-MT	2016	194,000	-	-
<b>SSB</b>	SSB-MT	2016	96,800	-	-
<b>TN</b>	-	-	-	-	-
<b>R</b>	R-E00	2016	$3 \times 10^7$	-	3
<b>F</b>	F-1/yr	2016	0	-	4 to 8
<b>ER</b>	ER-calc-ratio	2016	0	-	-
<b>TC</b>	-	-	-	-	-
<b>TL</b>	TL-MT	2016	25,100	-	-
<b>TB/TBmsy</b>	TB-MT/TBmsy-est-MT	2016	0.78	-	-
<b>SSB/SSBmsy</b>	-	-	-	-	-
<b>F/Fmsy</b>	F-1/yr/Fmsy-1/yr	2016	0.84	-	-
<b>ER/ERmsy</b>	ER-calc-ratio/ERmsy-est-ratio	2016	0.75	-	-
<b>TB/TBmgt</b>	-	-	-	-	-
<b>SSB/SSBmgt</b>	SSB-MT/SSBmgt-MT	2016	1.76	-	-
<b>F/Fmgt</b>	F-1/yr/Fmgt-1/yr	2016	0.84	-	-
<b>ER/ERmgt</b>	-	-	-	-	-

# Pollock Faroe Plateau [POLLFAPL]

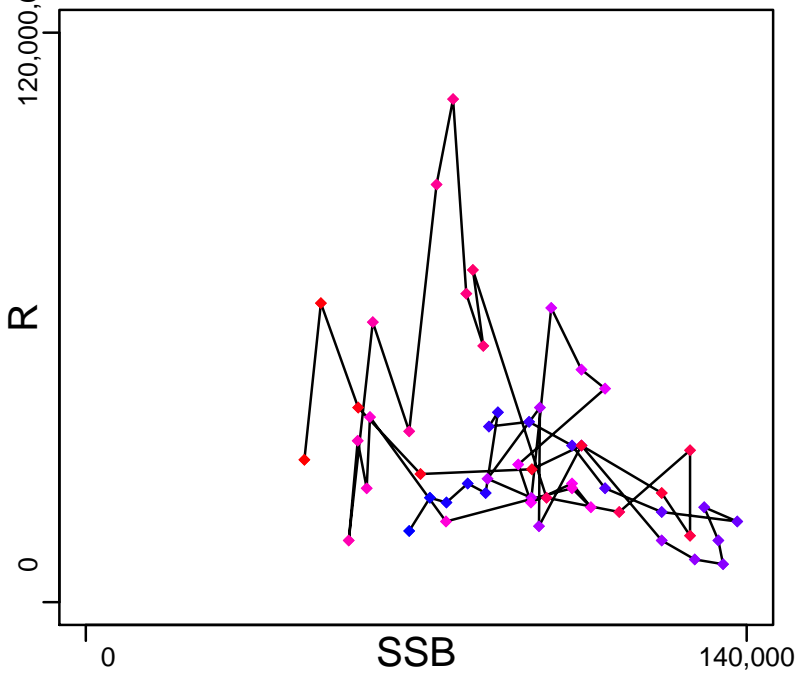
Kobe MSYpref (1958–2016–ICESIMP2016)



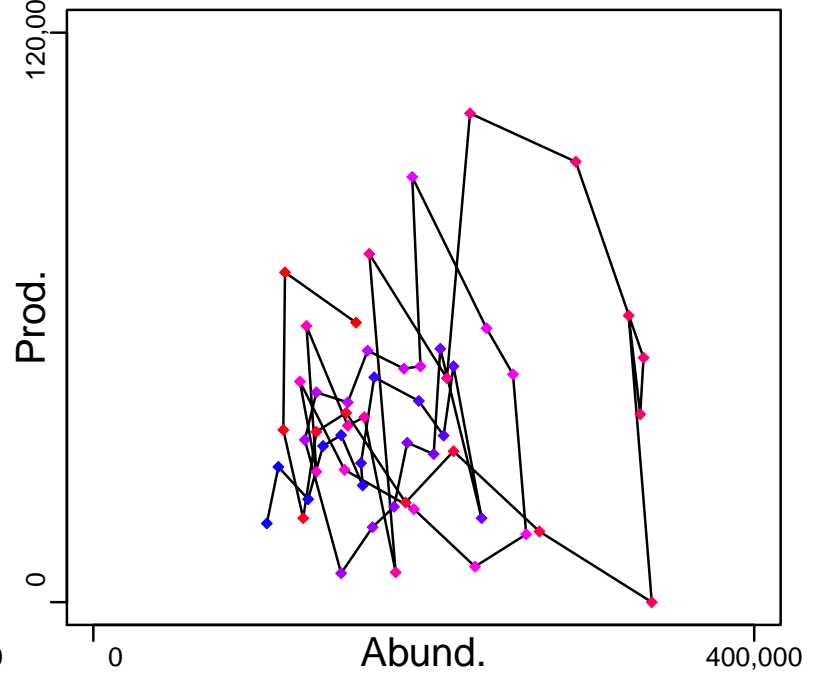
Kobe MGTpref (1958–2016–ICESIMP2016)



Spawner Recruit (1958–2016–ICESIMP2016)



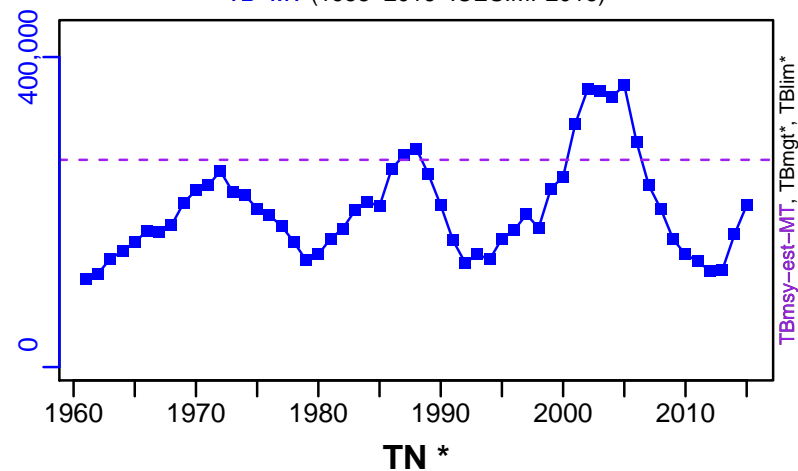
Production (1958–2016–ICESIMP2016)



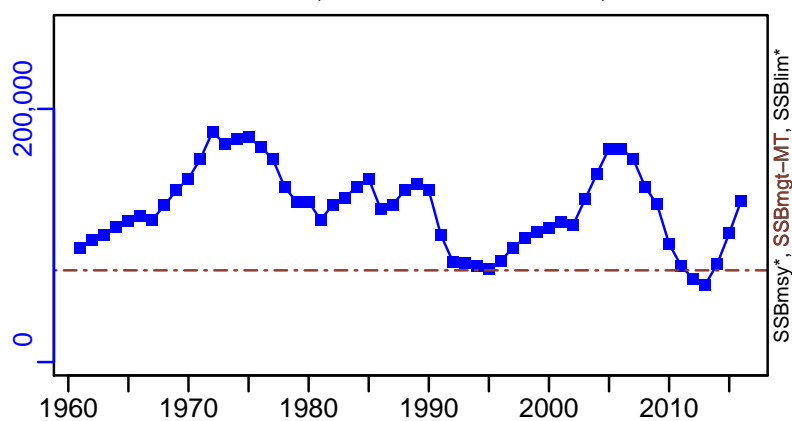
◆ Start Year ◆ End Year \* No Data

# Pollock Faroe Plateau [POLLFAPL]

TB-MT (1958–2016–ICESIMP2016)



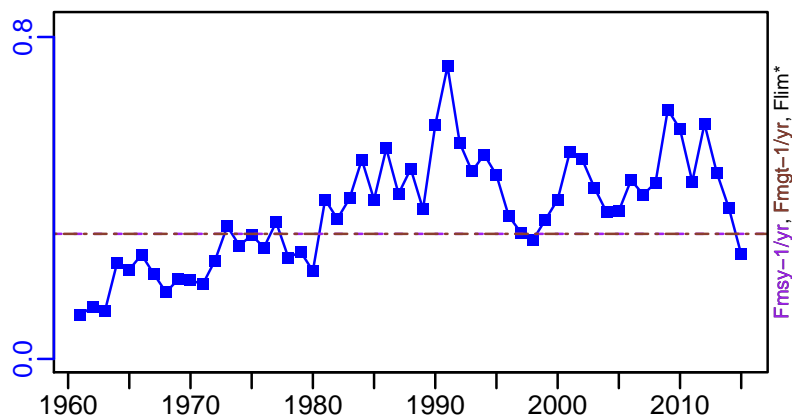
SSB-MT (1958–2016–ICESIMP2016)



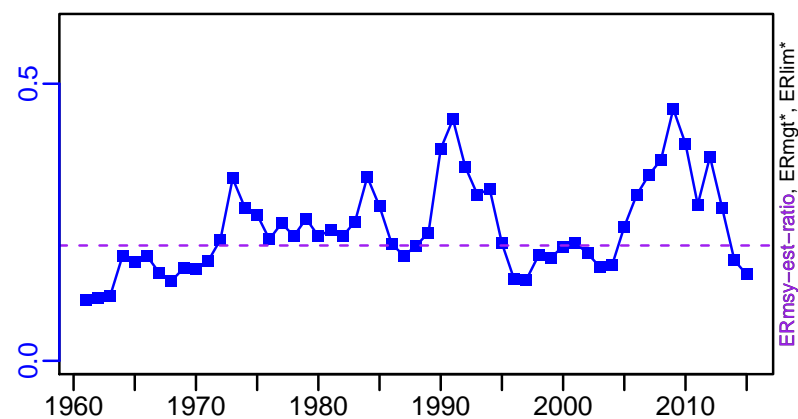
TN \*



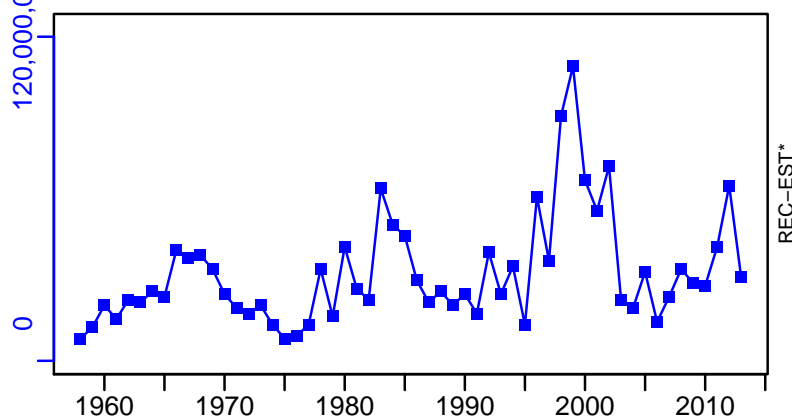
F-1/yr (1958–2016–ICESIMP2016)



ER-calc-ratio (1958–2016–ICESIMP2016)

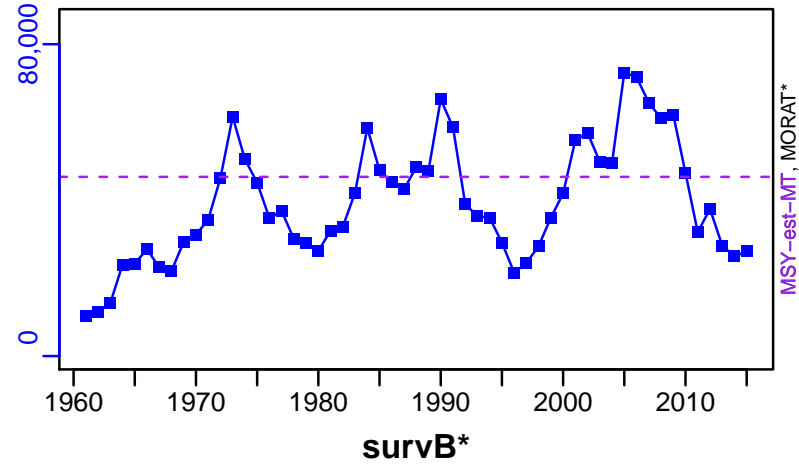


R-E00 (1958–2016–ICESIMP2016)



Pollock Faroe Plateau [POLLFAPL]

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



TAC\*, Cpair\*, Cadv\*



CPUE\*



EFFORT\*



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

## Pollock Iceland Grounds [POLLIEG]

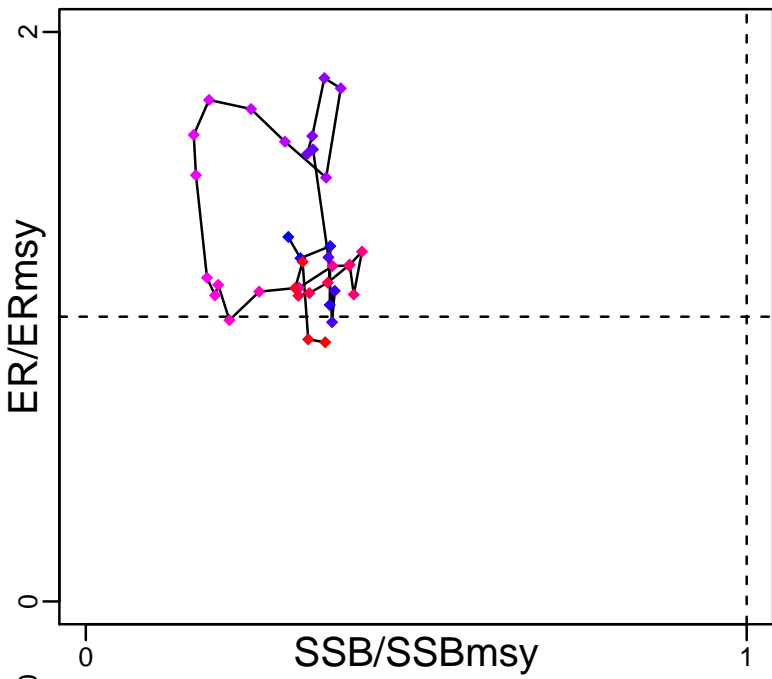
Metadata	
<b>Scientific Name</b>	Pollachius virens
<b>Current Assess ID</b>	NWWG-POLLIEG-1977-2016-ICESIMP2016
<b>Area</b>	Iceland Grounds
<b>Management Authority</b>	International Council for the Exploration of the Sea
<b>Assessor</b>	North-Western Working Group
<b>Asmts in RAM</b>	2012, 2013, 2014,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

Reference Points			
Type	ID	Asmt Year	Value
<b>TBmsy</b>	TBmsy-est-MT	2013	344,621
<b>SSBmsy</b>	SSBmsy-est-MT	2016	371,886
<b>Fmsy</b>	Fmsy-1/yr	2013	0.28
<b>ERmsy</b>	ERmsy-est-ratio	2016	0.19
<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>	-	-	-

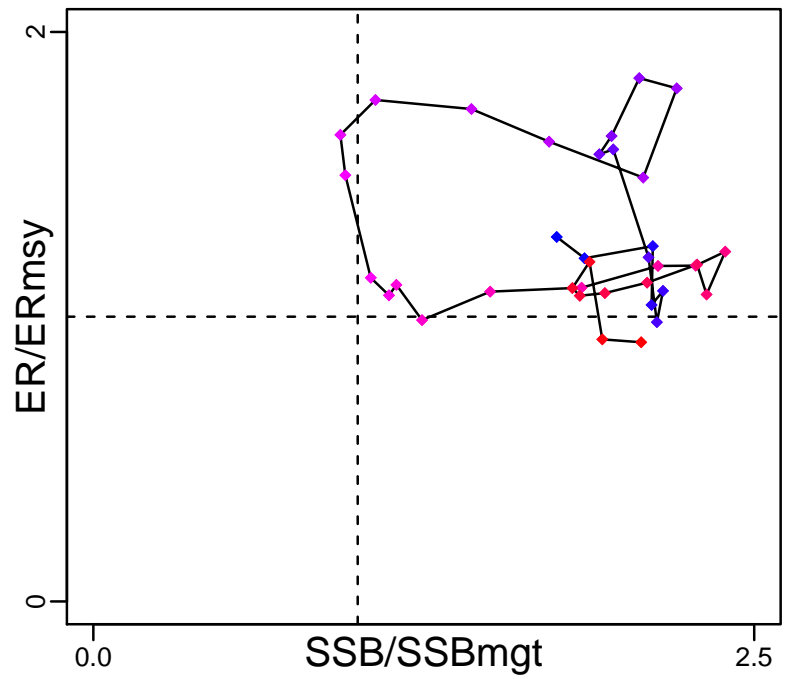
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
<b>TB</b>	TB-MT	2013	321,000	-	-
<b>SSB</b>	SSB-MT	2016	144,000	-	-
<b>TN</b>	-	-	-	-	-
<b>R</b>	R-E00	2016	30,400,000	-	3
<b>F</b>	F-1/yr	2016	0	-	4 to 9
<b>ER</b>	ER-calc-ratio	2016	0	-	-
<b>TC</b>	-	-	-		
<b>TL</b>	TL-MT	2016	48,500		
<b>TB/TBmsy</b>	TB-MT/TBmsy-est-MT	2013	0.93		
<b>SSB/SSBmsy</b>	SSB-MT/SSBmsy-est-MT	2016	0.39		
<b>F/Fmsy</b>	F-1/yr/Fmsy-1/yr	2013	0.68		
<b>ER/ERmsy</b>	ER-calc-ratio/ERmsy-est-ratio	2016	0.91		
<b>TB/TBmgt</b>	-	-	-		
<b>SSB/SSBmgt</b>	SSB-MT/SSBmgt-MT	2016	2.21		
<b>F/Fmgt</b>	F-1/yr/Fmgt-1/yr	2013	0.68		
<b>ER/ERmgt</b>	-	-	-		

# Pollock Iceland Grounds [POLLIEG]

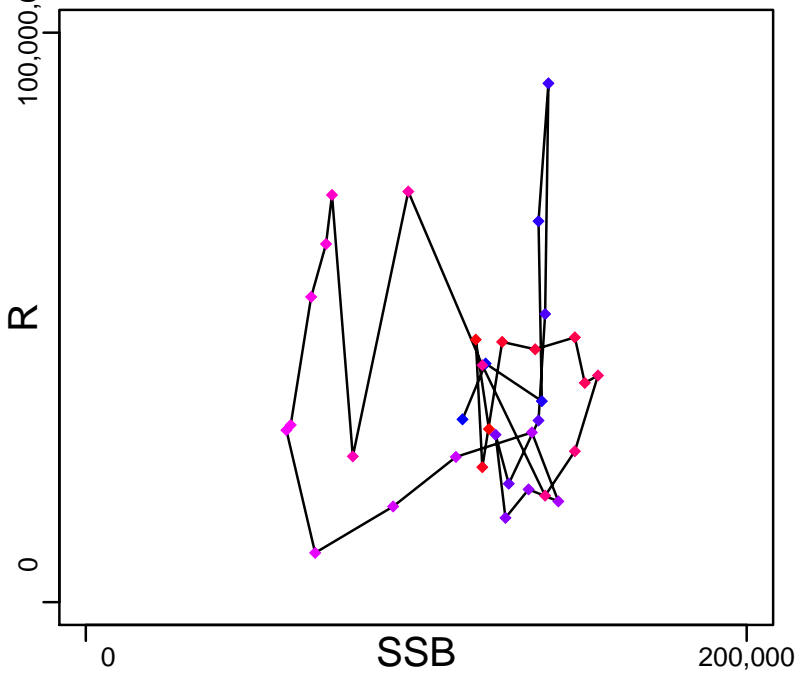
Kobe MSYpref (1977–2016–ICESIMP2016)



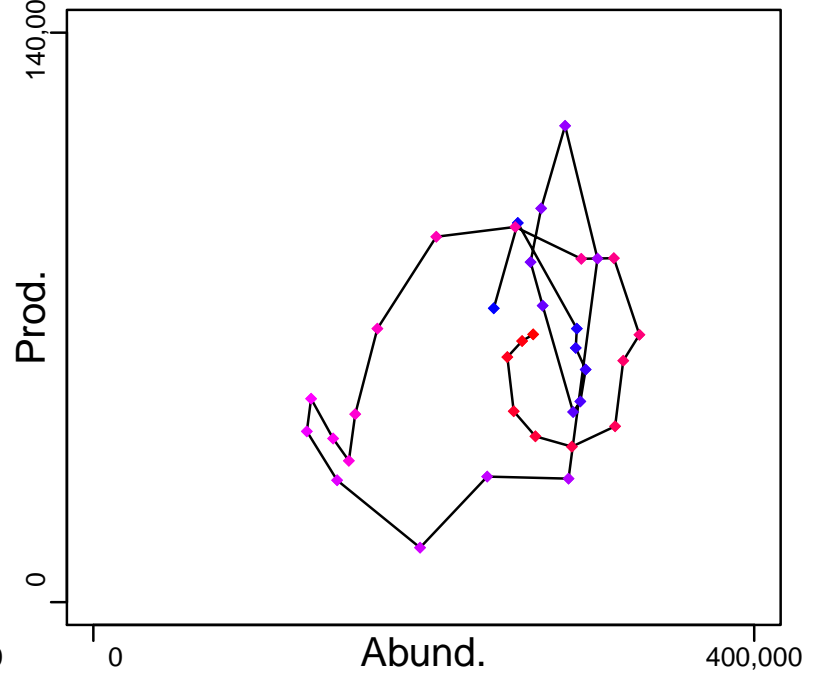
Kobe MGTpref (1977–2016–ICESIMP2016)



Spawner Recruit (1977–2016–ICESIMP2016)



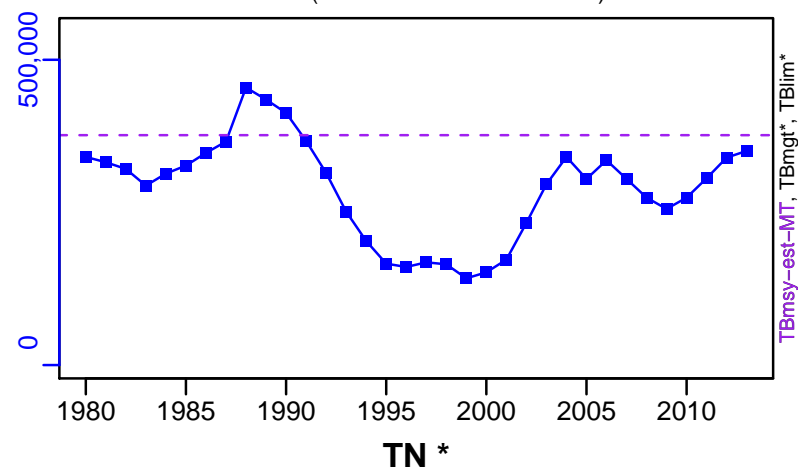
Production (1977–2016–ICESIMP2016)



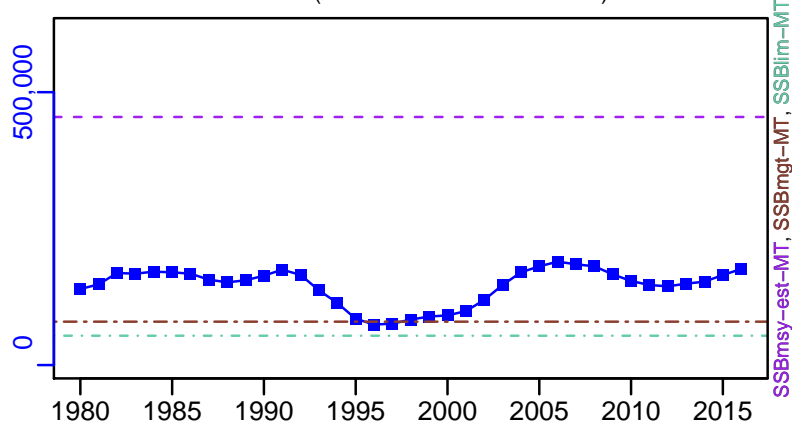
◆ Start Year ◆ End Year \* No Data

# Pollock Iceland Grounds [POLLIEG]

TB-MT (1977-2013-ICESIMP2016)



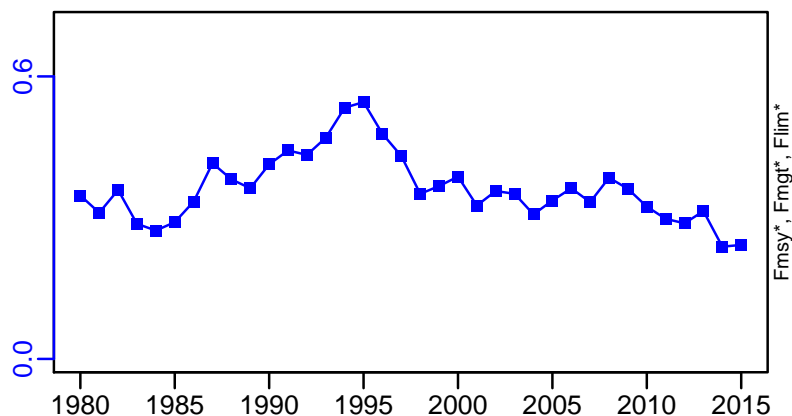
SSB-MT (1977-2016-ICESIMP2016)



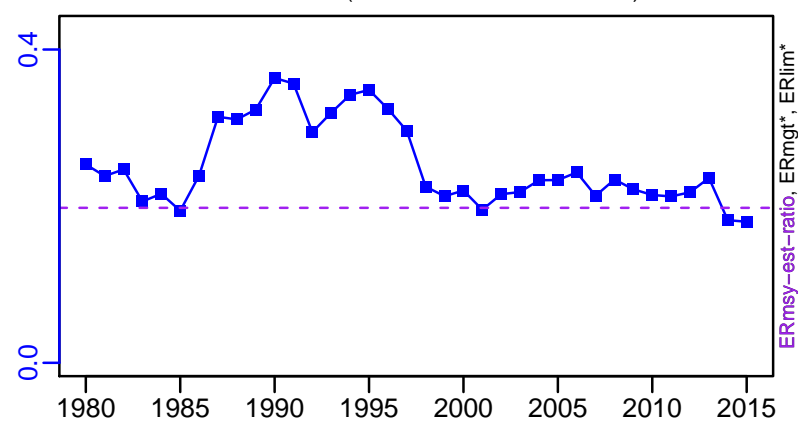
TN \*



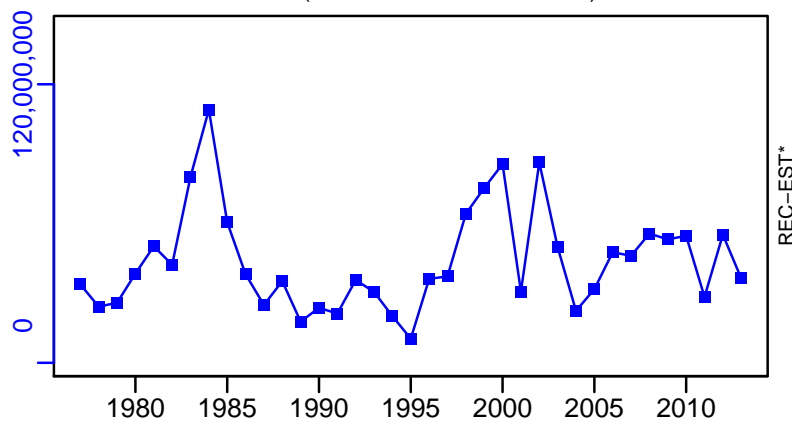
F-1/yr (1977-2016-ICESIMP2016)



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



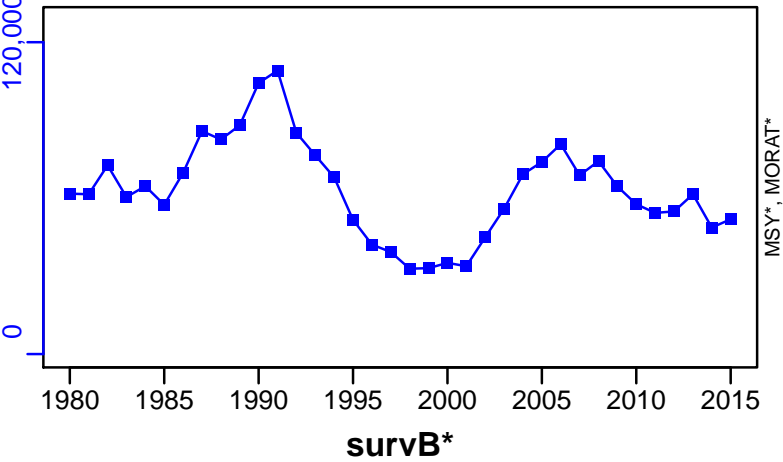
R-E00 (1977-2016-ICESIMP2016)





Pollock Iceland Grounds [POLLIEG]

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



TAC\*, Cpair\*, Cadv\*



CPUE\*



EFFORT\*



## Pollock Northeast Arctic [POLLNEAR]

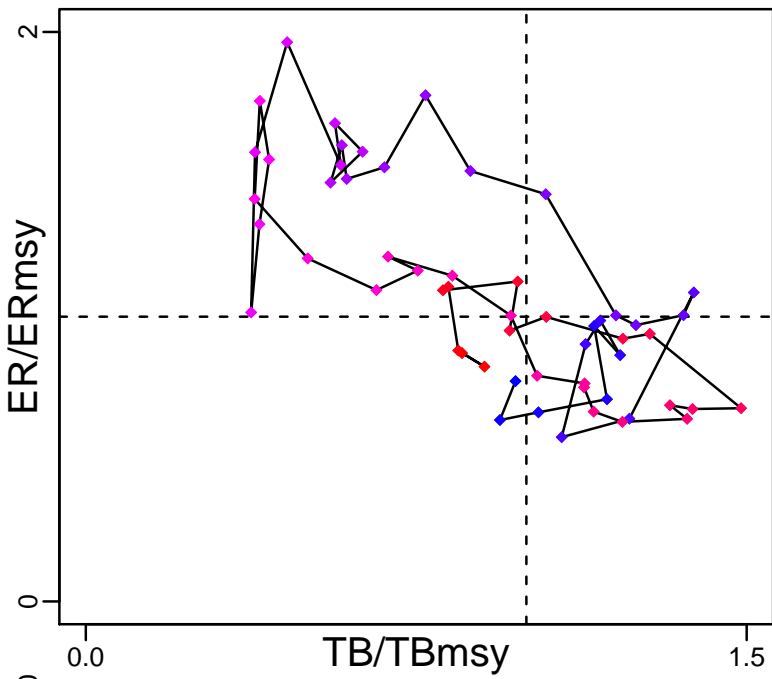
Metadata	
<b>Scientific Name</b>	Pollachius virens
<b>Current Assess ID</b>	AFWG-POLLNEAR-1957-2016-ICESIMP2016
<b>Area</b>	North-East Arctic
<b>Management Authority</b>	International Council for the Exploration of the Sea
<b>Assessor</b>	Arctic Fisheries Working Group
<b>Asmts in RAM</b>	2012, 2014,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

Reference Points			
Type	ID	Asmt Year	Value
<b>TBmsy</b>	TBmsy-est-MT	2016	703,605
<b>SSBmsy</b>	-	-	-
<b>Fmsy</b>	-	-	-
<b>ERmsy</b>	ERmsy-est-ratio	2016	0.25
<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>	MSY-est-MT	2016	176,908
<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>	-	-	-

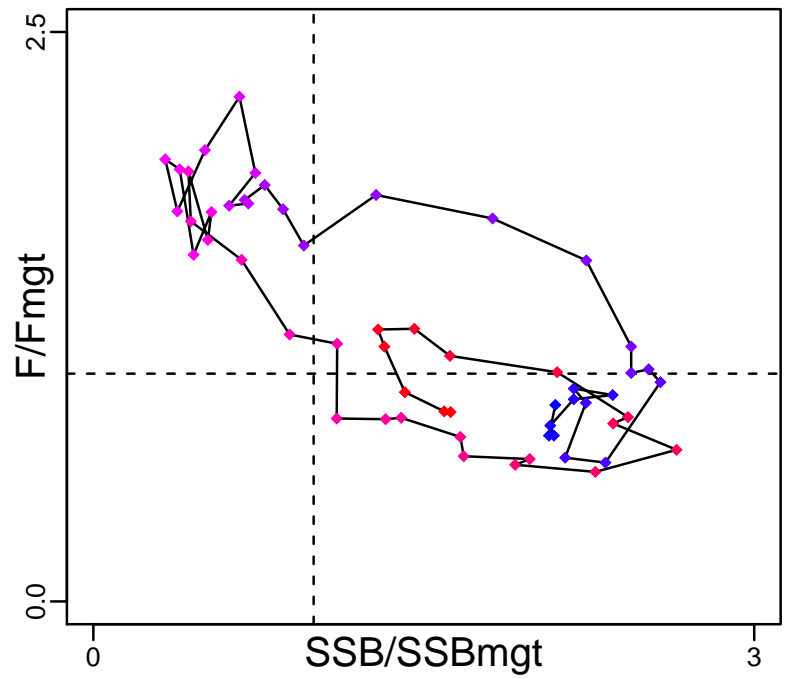
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
<b>TB</b>	TB-MT	2016	601,000	-	-
<b>SSB</b>	SSB-MT	2016	391,000	-	-
<b>TN</b>	-	-	-	-	-
<b>R</b>	R-E00	2016	$1.57 \times 10^8$	-	3
<b>F</b>	F-1/yr	2016	0	-	4 to 7
<b>ER</b>	ER-calc-ratio	2016	0	-	-
<b>TC</b>	TC-MT	2016	132,000		
<b>TL</b>	TL-MT	2016	132,000		
<b>TB/TBmsy</b>	TB-MT/TBmsy-est-MT	2016	0.85		
<b>SSB/SSBmsy</b>	-	-	-		
<b>F/Fmsy</b>	-	-	-		
<b>ER/ERmsy</b>	ER-calc-ratio/ERmsy-est-ratio	2016	0.87		
<b>TB/TBmgt</b>	-	-	-		
<b>SSB/SSBmgt</b>	SSB-MT/SSBmgt-MT	2016	1.78		
<b>F/Fmgt</b>	F-1/yr/Fmgt-1/yr	2016	0.83		
<b>ER/ERmgt</b>	-	-	-		

# Pollock Northeast Arctic [POLLNEAR]

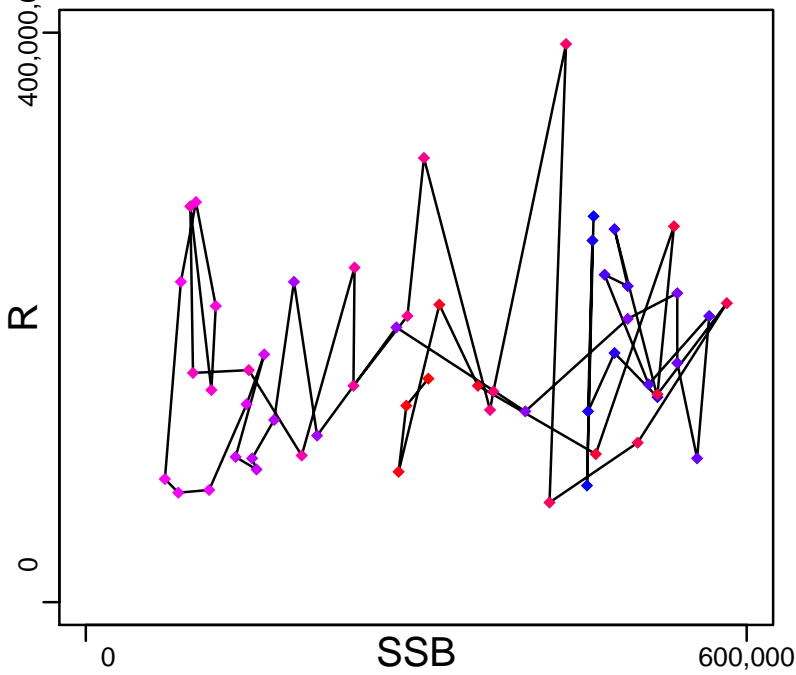
Kobe MSYpref (1957–2016–ICESIMP2016)



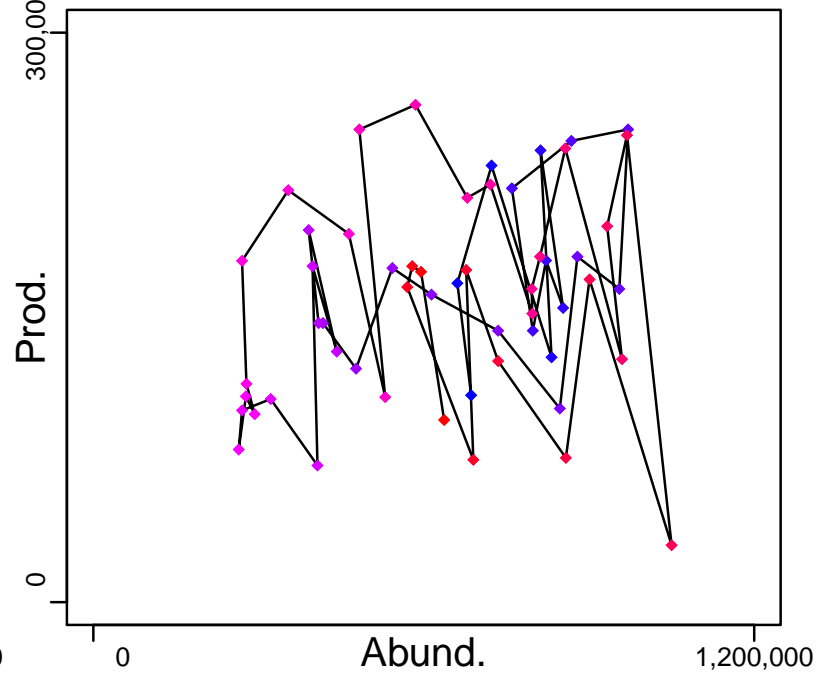
Kobe MGTpref (1957–2016–ICESIMP2016)



Spawner Recruit (1957–2016–ICESIMP2016)

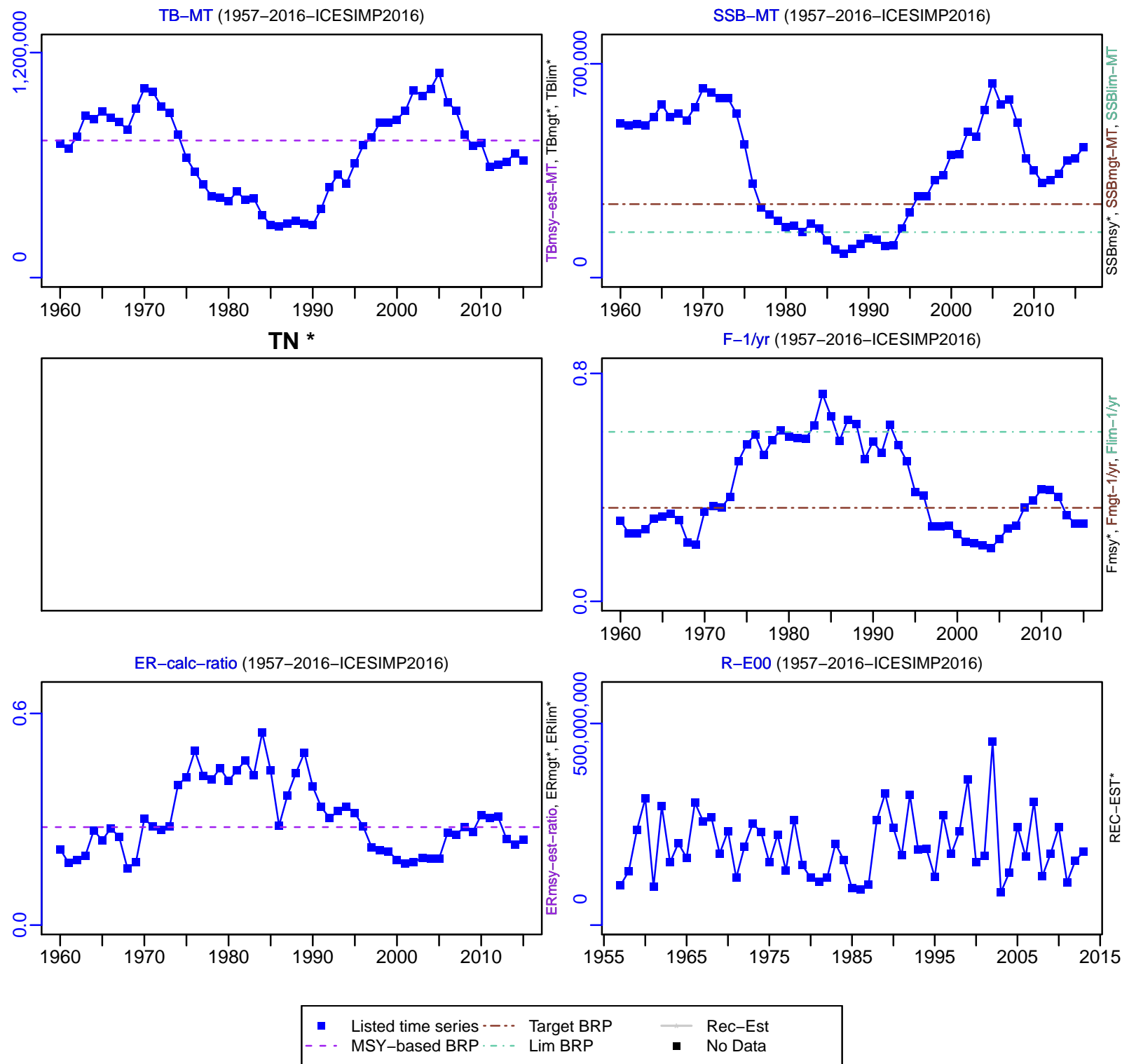


Production (1957–2016–ICESIMP2016)



◆ Start Year ◆ End Year \* No Data

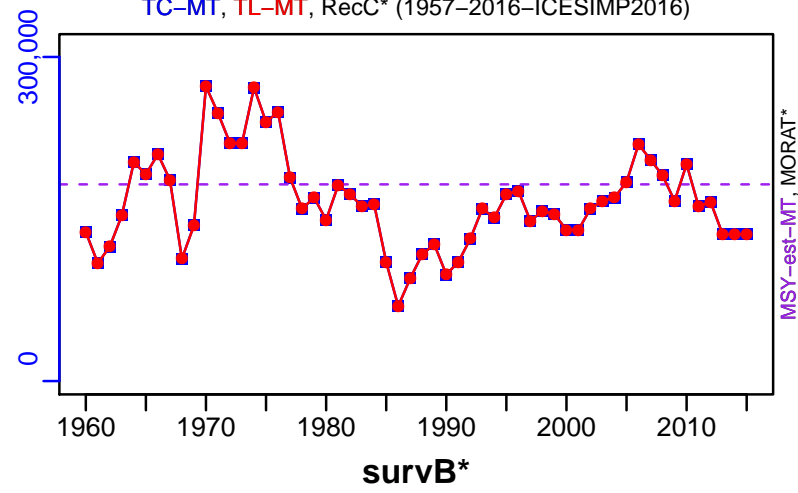
# Pollock Northeast Arctic [POLLNEAR]



# Pollock Northeast Arctic [POLLNEAR]

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

TAC\*, Cpair\*, Cadv\*



EFFORT\*

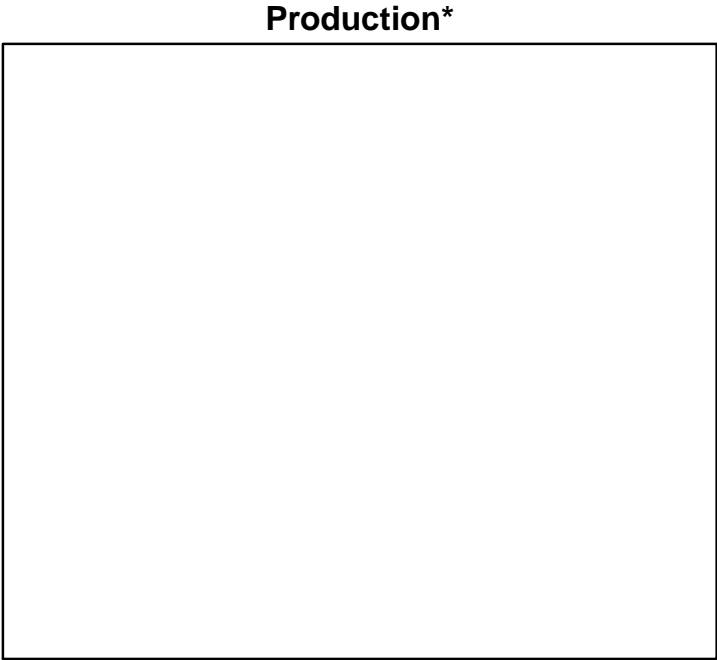
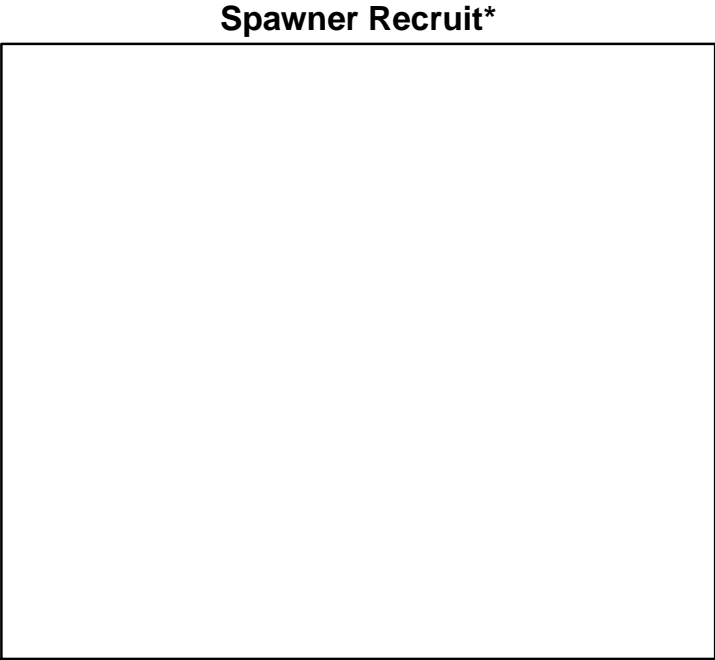
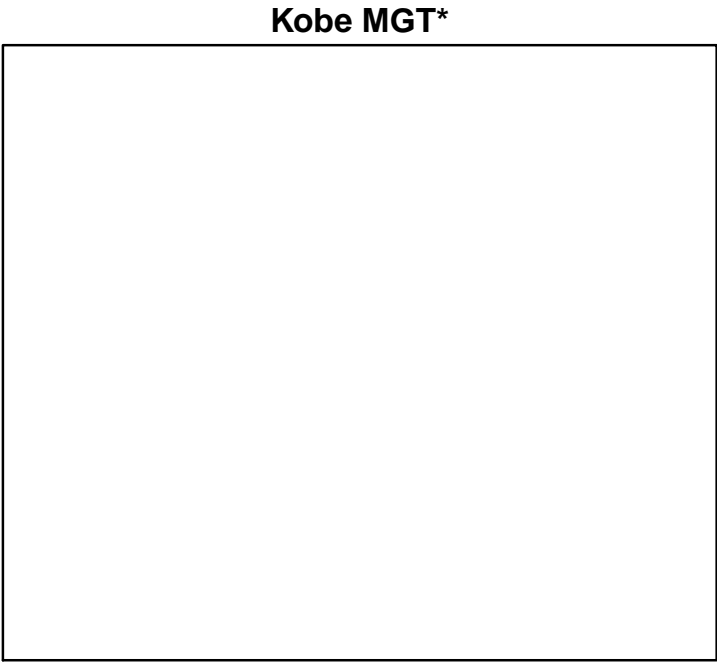


## Deepwater Redfish Northeast Arctic [REDDEEPI-II]

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	-	-	-		
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\*





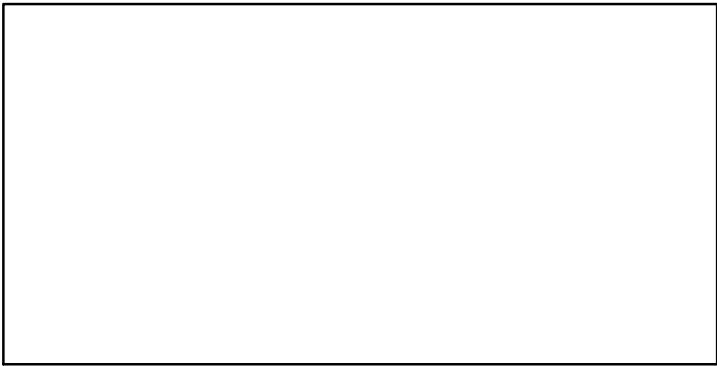
TC\*, TL\*, RecC\*



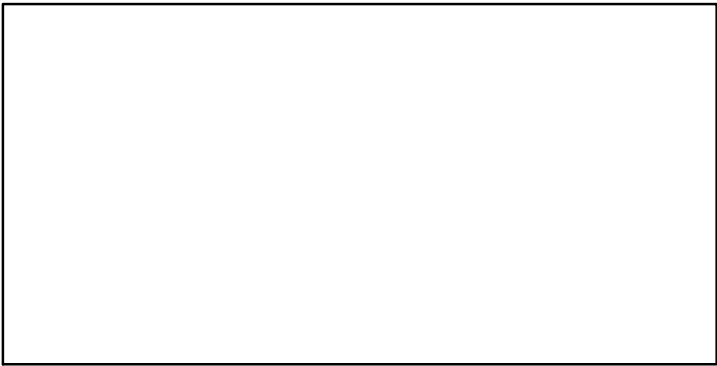
TAC\*, Cpair\*, Cadv\*



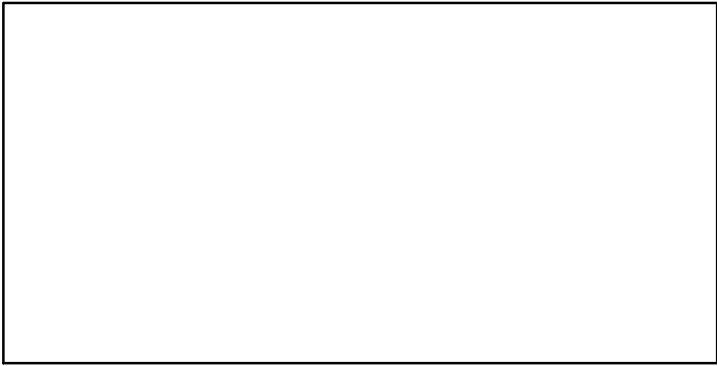
survB\*



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

**Kobe MSY\***



**Kobe MGT\***



**Spawner Recruit\***



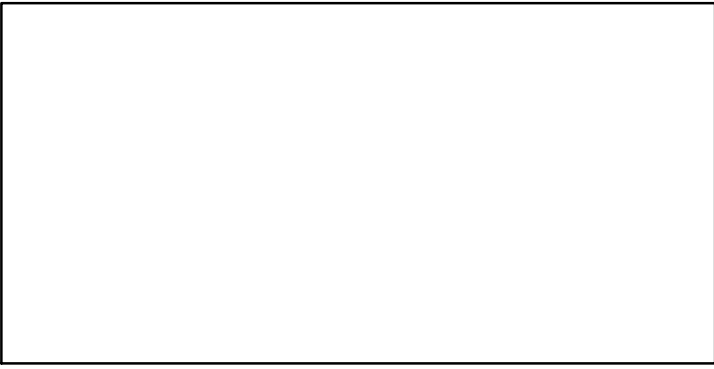
**Production\***



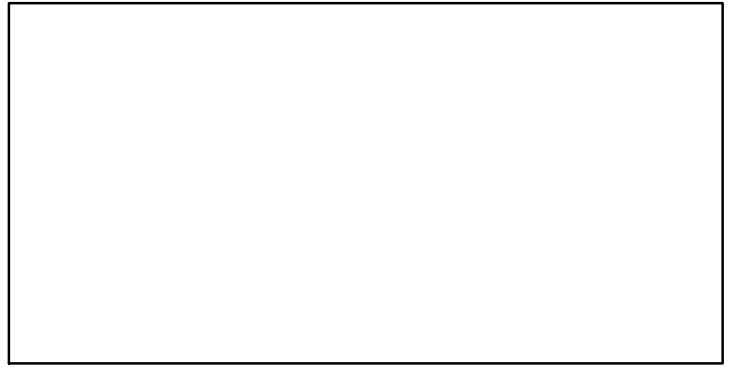
◆ Start Year ◆ End Year \* No Data

Beaked Redfish Va and XIV [REDDEEPVa–XIV]

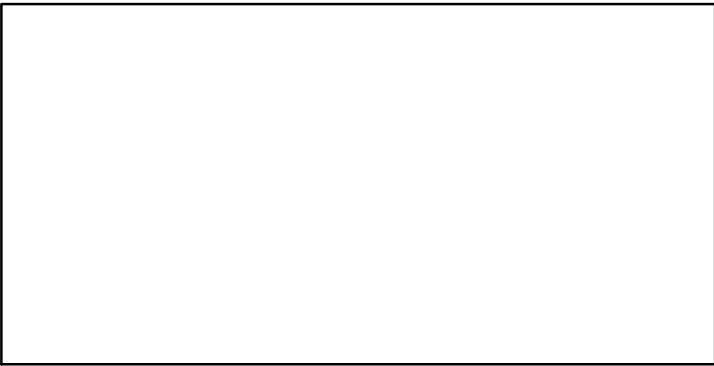
**TB\***



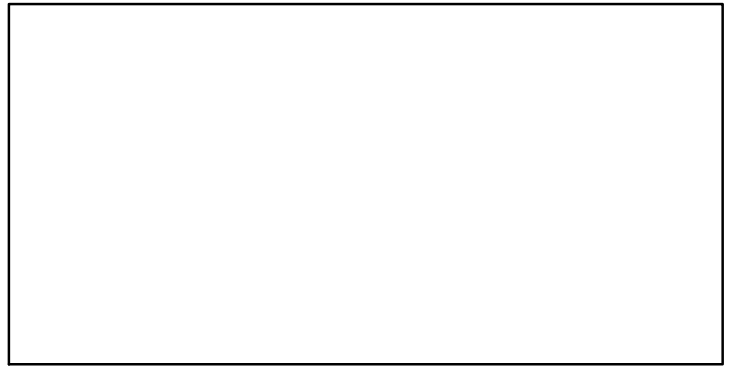
**SSB\***



**TN \***



**F\***



**ER\***



**Recruits\***

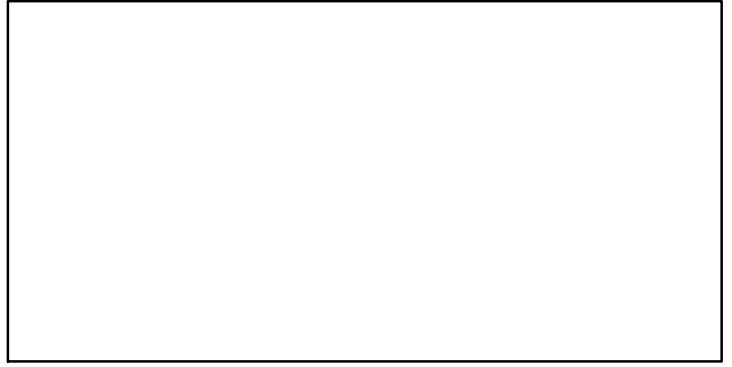


Beaked Redfish Va and XIV [REDDEEPVa–XIV]

**TC\*, TL\*, RecC\***



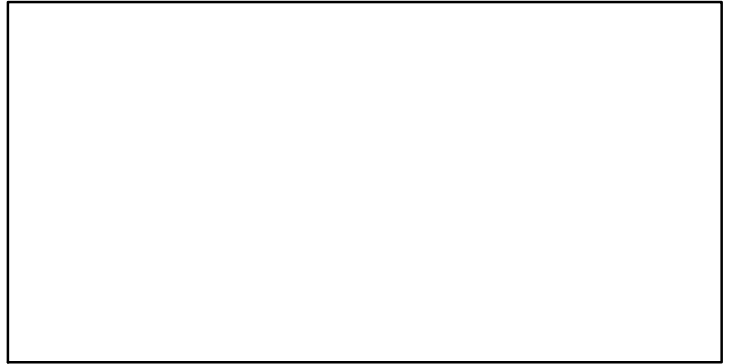
**TAC\*, Cpair\*, Cadv\***



**survB\***



**CPUE\***



**EFFORT\***

