

# Other Stocks

## v4.61 (Apr-02-2023)

Not present Present Preferred

Stock	B/Bmsy	Time Series Types			
		U/Umsy	B/Bmgt	U/Umgt	
1. ANCHOVYKILKACS [Anchovy kilka Iranian Caspian Sea]	TB SSB	ER F	TB SSB	ER F	
2. ATOOTHFISHRS [Antarctic toothfish Ross Sea]	TB SSB	ER F	TB SSB	ER F	
3. WPOLLNAVAR [Walleye pollock Navarinsky]	TB SSB	ER F	TB SSB	ER F	
4. WPOLLNSO [Walleye pollock Northern Sea of Okhotsk]	TB SSB	ER F	TB SSB	ER F	
5. WPOLLWBS [Walleye pollock Western Bering Sea]	TB SSB	ER F	TB SSB	ER F	

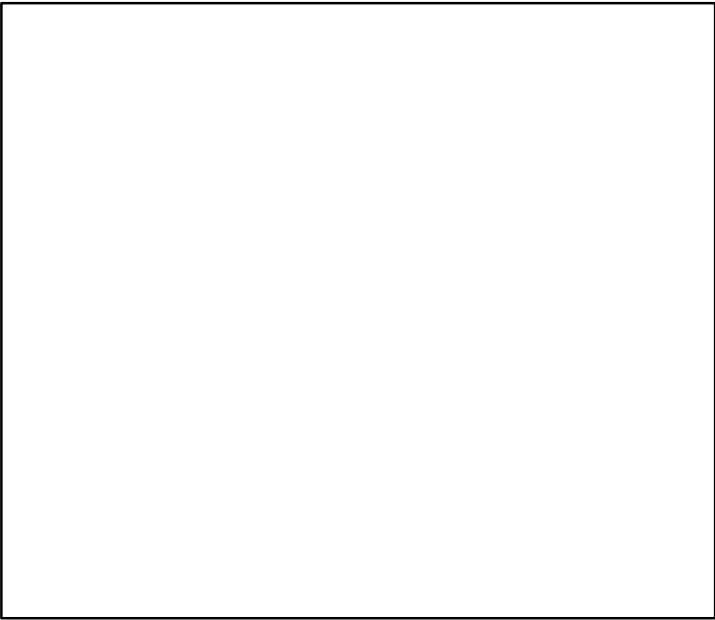
## Anchovy kilka Iranian Caspian Sea [ANCHOVYKILKACS]

Metadata	
<b>Scientific Name</b>	Clupeonella engrauliformis
<b>Current Assess ID</b>	CSENG-ANCHOVYKILKACS-1991-2007-JENSEN
<b>Area</b>	Iranian Caspian Sea
<b>Management Authority</b>	Iranian national management
<b>Assessor</b>	Caspian Sea Ecology Research Center
<b>Asmts in RAM</b>	2007

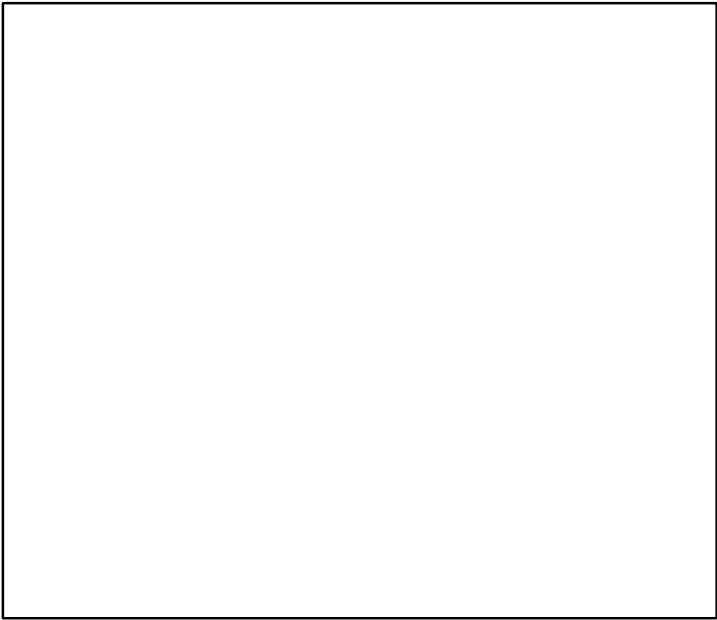
Reference Points			
Type	ID	Asmt Year	Value
<b>TBmsy</b>	-	-	-
<b>SSBmsy</b>	-	-	-
<b>Fmsy</b>	-	-	-
<b>ERmsy</b>	-	-	-
<b>TBmgt</b>	-	-	-
<b>SSBmgt</b>	-	-	-
<b>Fmgt</b>	-	-	-
<b>ERmgt</b>	-	-	-
<b>TB0</b>	-	-	-
<b>SSB0</b>	-	-	-
<b>MSY</b>	MSY-MT	2007	44,652
<b>M</b>	M-1/yr	2007	0.473
<b>TBlim</b>	-	-	-
<b>SSBlim</b>	-	-	-
<b>Flim</b>	-	-	-
<b>ERlim</b>	-	-	-

Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
<b>TB</b>	TB-MT	2007	8320	-	-
<b>SSB</b>	SSB-MT	2007	7160	-	2+
<b>TN</b>	-	-	-	-	-
<b>R</b>	R-MT	2007	326	-	0.18
<b>F</b>	F-1/yr	2007	1.28	-	-
<b>ER</b>	ER-ratio	2007	0.619	-	-
<b>TC</b>	TC-MT	2007	1200		
<b>TL</b>	-	-	-		
<b>TB/TBmsy</b>	-	-	-		
<b>SSB/SSBmsy</b>	-	-	-		
<b>F/Fmsy</b>	-	-	-		
<b>ER/ERmsy</b>	-	-	-		
<b>TB/TBmgt</b>	-	-	-		
<b>SSB/SSBmgt</b>	-	-	-		
<b>F/Fmgt</b>	-	-	-		
<b>ER/ERmgt</b>	-	-	-		

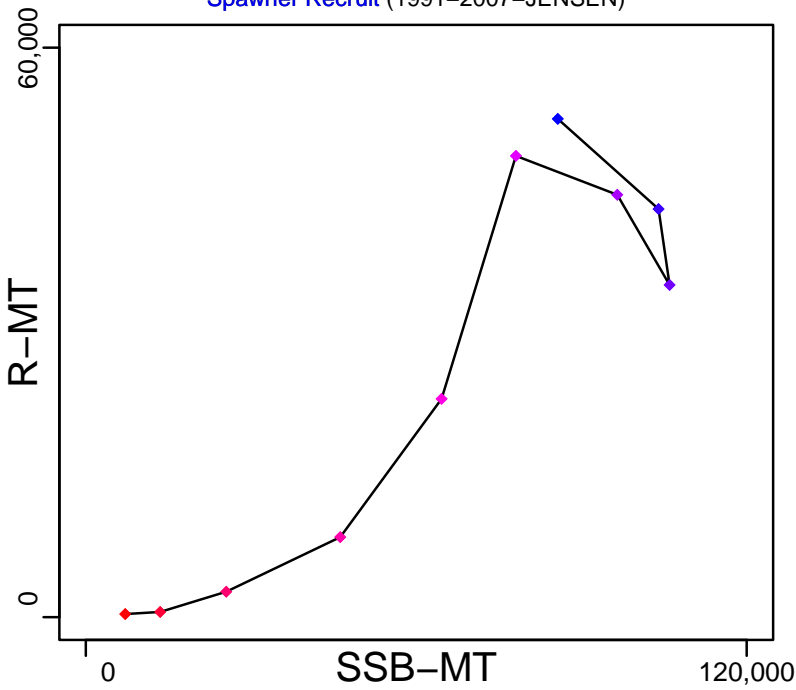
Kobe MSY\*



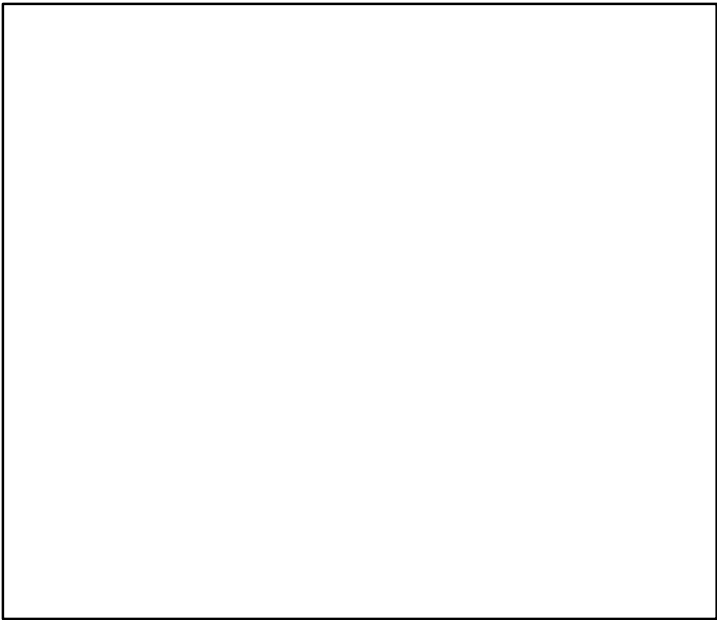
Kobe MGT\*



Spawner Recruit (1991–2007–JENSEN)



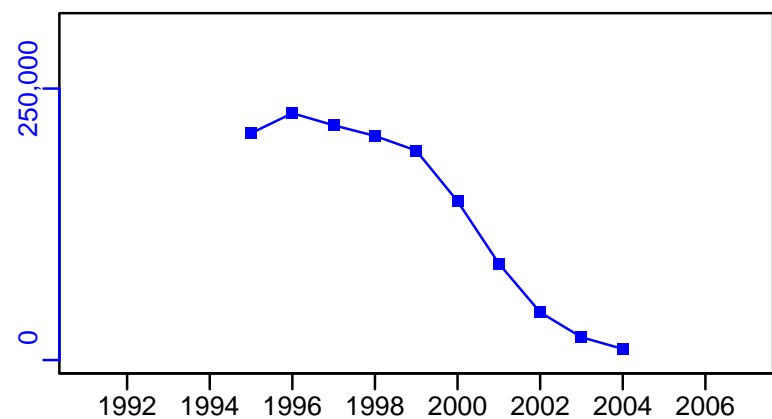
Production\*



◆ Start Year ◆ End Year \* No Data

# Anchovy kilka Iranian Caspian Sea [ANCHOVYKILKACS]

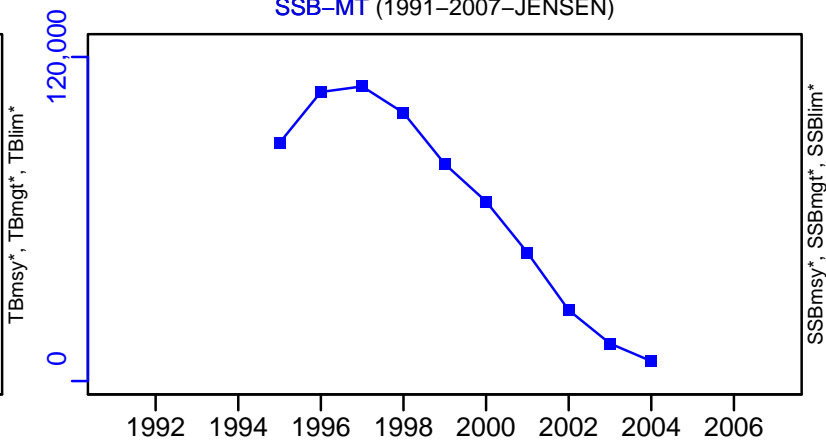
TB-MT (1991-2007-JENSEN)



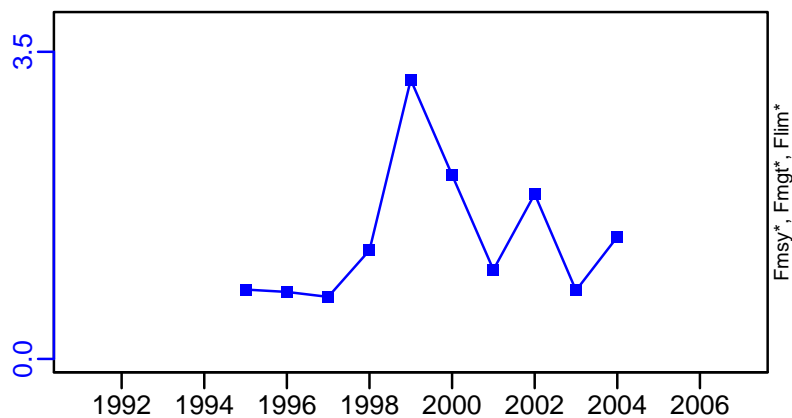
TN \*



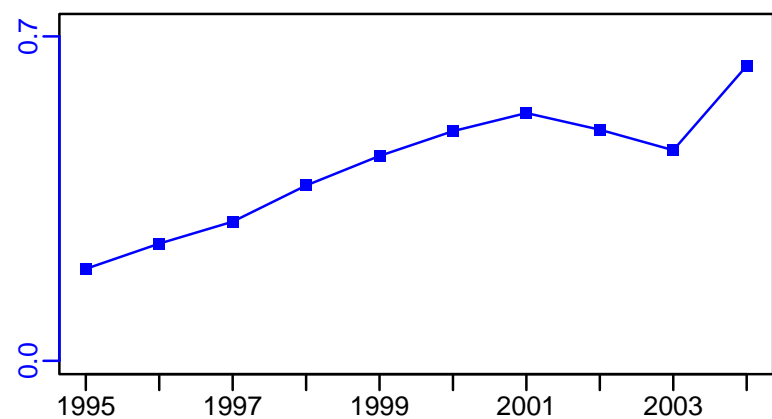
SSB-MT (1991-2007-JENSEN)



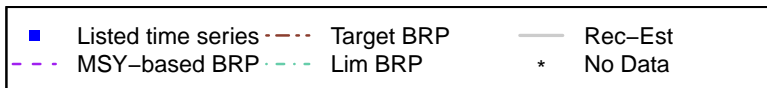
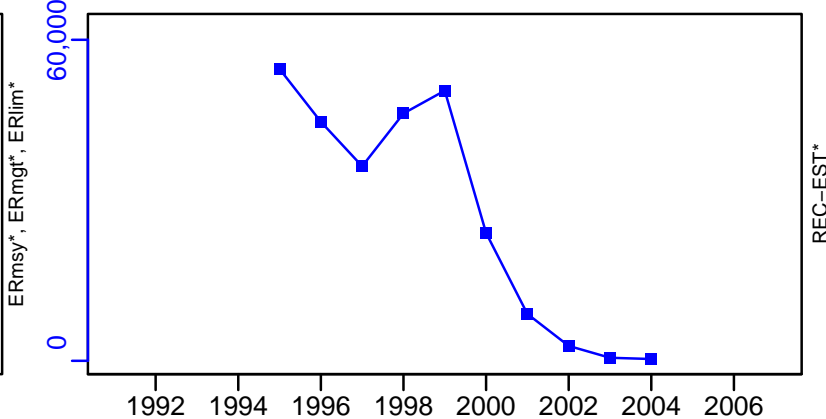
F-1/yr (1991-2007-JENSEN)



ER-ratio (1991-2007-JENSEN)

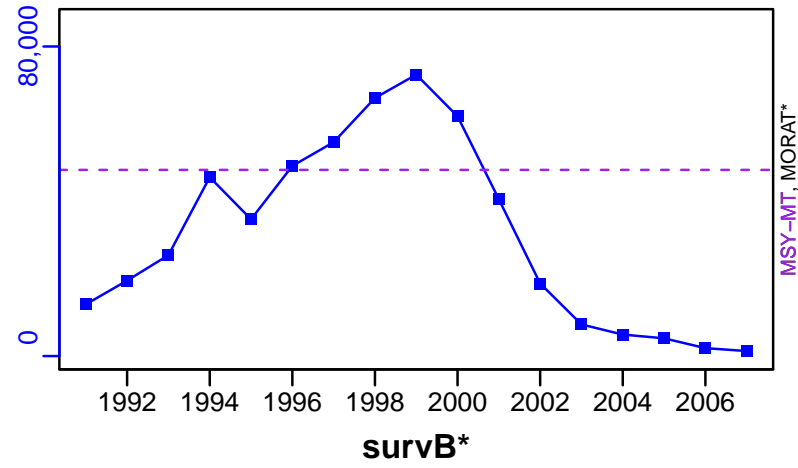


R-MT (1991-2007-JENSEN)



# Anchovy kilka Iranian Caspian Sea [ANCHOVYKILKACS]

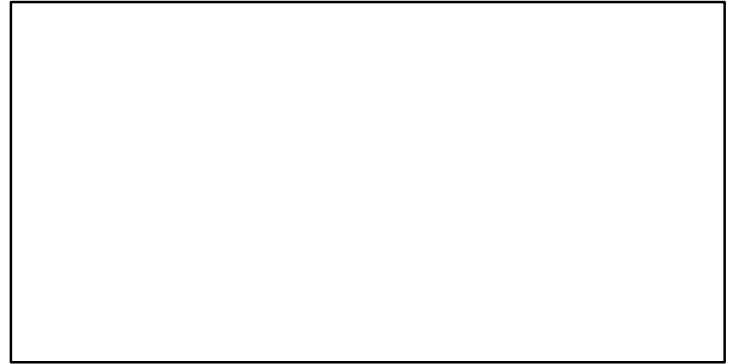
TC-MT, TL\*, RecC\* (1991-2007-JENSEN)



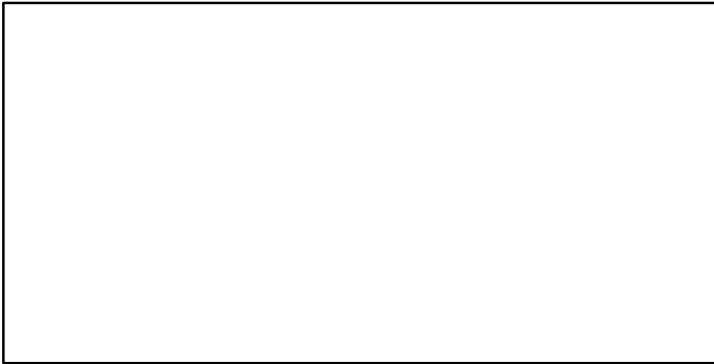
TAC\*, Cpair\*, Cadv\*



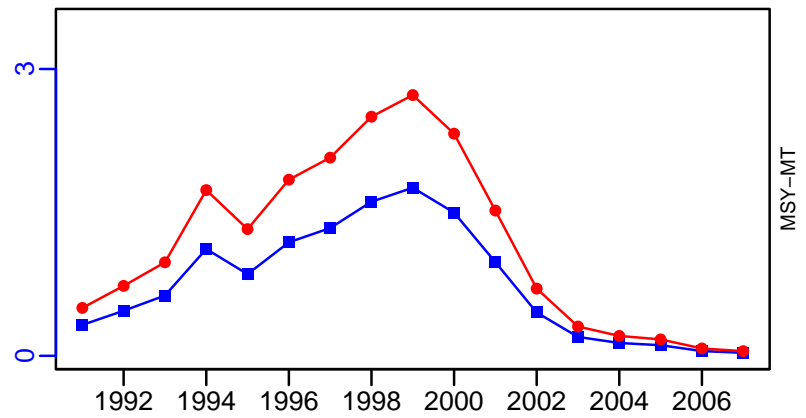
CPUE\*



EFFORT\*



TC-MT/MSY-MT, CdivMEANC-ratio, (1991-2007-JENSEN)



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

## Antarctic toothfish Ross Sea [ATOOTHFISHRS]

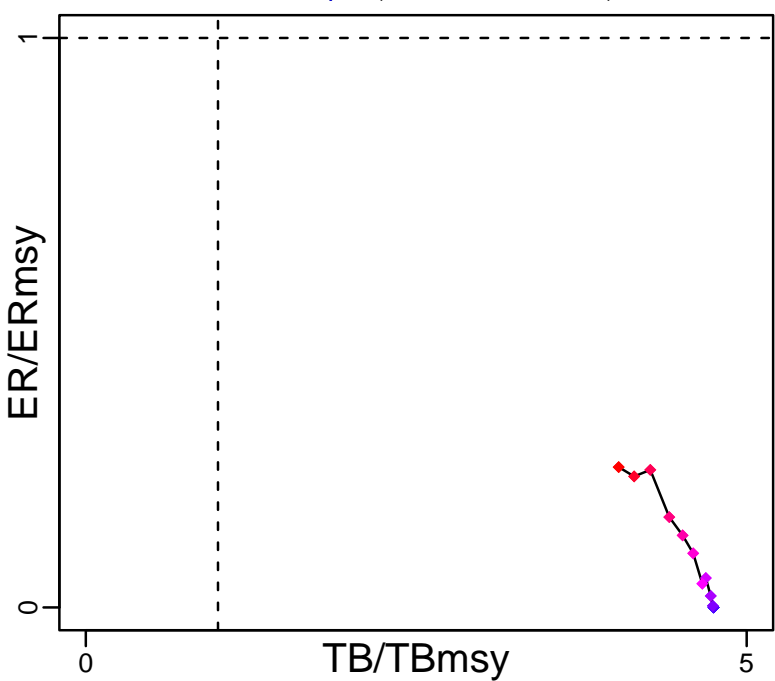
Metadata	
<b>Scientific Name</b>	Dissostichus mawsoni
<b>Current Assess ID</b>	CCAMLR-ATOOTHFISHRS-1995-2007-JENSEN
<b>Area</b>	Ross Sea
<b>Management Authority</b>	Commission for the Conservation of Antarctic Marine Living Resources
<b>Assessor</b>	Commission for the Conservation of Antarctic Marine Living Resources
<b>Asmts in RAM</b>	2007

Reference Points			
Type	ID	Asmt Year	Value
<b>TBmsy</b>	TBmsy-MT	2007	18,802
<b>SSBmsy</b>	-	-	-
<b>Fmsy</b>	Fmsy-1/yr	2007	0.136
<b>ERmsy</b>	ERmsy-ratio	2007	0.165
<b>TBmgt</b>	-	-	-
<b>SSBmgt</b>	-	-	-
<b>Fmgt</b>	-	-	-
<b>ERmgt</b>	-	-	-
<b>TB0</b>	-	-	-
<b>SSB0</b>	SSB0-MT	2007	70,738
<b>MSY</b>	MSY-MT	2007	3105
<b>M</b>	M-1/yr	2007	0.13
<b>TBlim</b>	-	-	-
<b>SSBlim</b>	-	-	-
<b>Flim</b>	-	-	-
<b>ERlim</b>	-	-	-

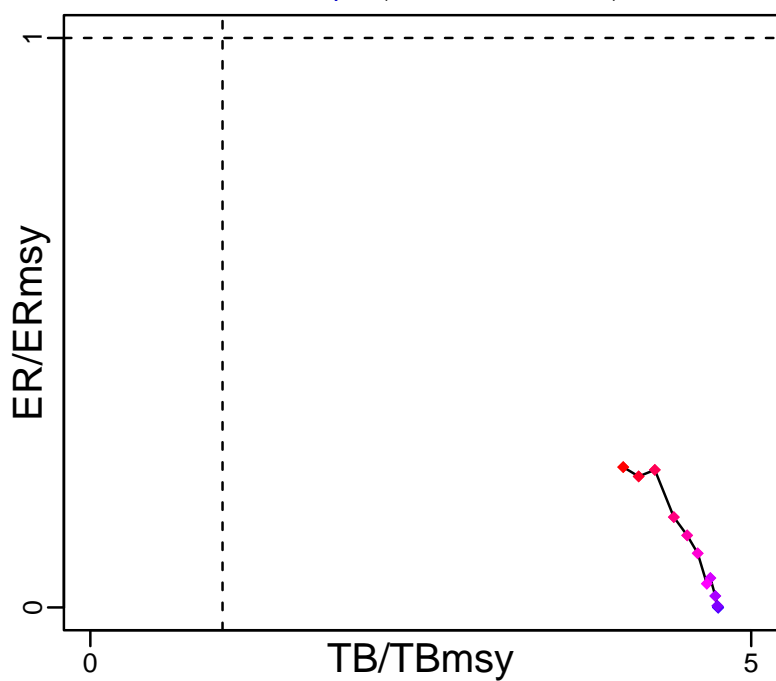
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
<b>TB</b>	TB-MT	2007	75,800	-	1
<b>SSB</b>	SSB-MT	2007	57,900	-	9+
<b>TN</b>	-	-	-	-	-
<b>R</b>	R-E00	2007	983,000	-	1
<b>F</b>	F-1/yr	2007	0.044	-	-
<b>ER</b>	ER-ratio	2007	0.041	-	-
<b>TC</b>	TC-MT	2007	3080		
<b>TL</b>	-	-	-		
<b>TB/TBmsy</b>	TB-MT/TBmsy-MT	2007	4.031		
<b>SSB/SSBmsy</b>	-	-	-		
<b>F/Fmsy</b>	F-1/yr/Fmsy-1/yr	2007	0.322		
<b>ER/ERmsy</b>	ER-ratio/ERmsy-ratio	2007	0.246		
<b>TB/TBmgt</b>	-	-	-		
<b>SSB/SSBmgt</b>	-	-	-		
<b>F/Fmgt</b>	-	-	-		
<b>ER/ERmgt</b>	-	-	-		

# Antarctic toothfish Ross Sea [ATOOTHFISHRS]

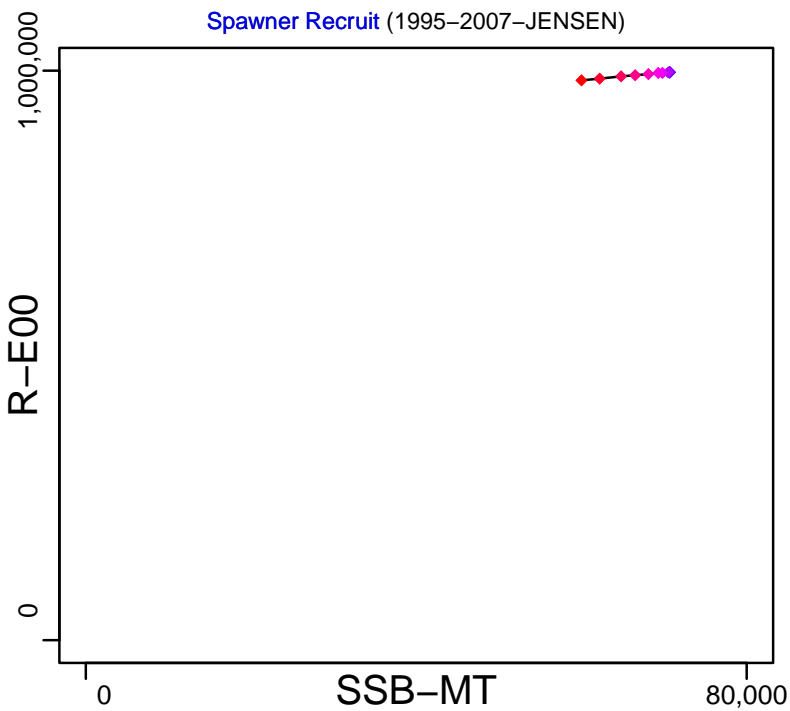
Kobe MSYpref (1995–2007–JENSEN)



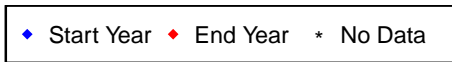
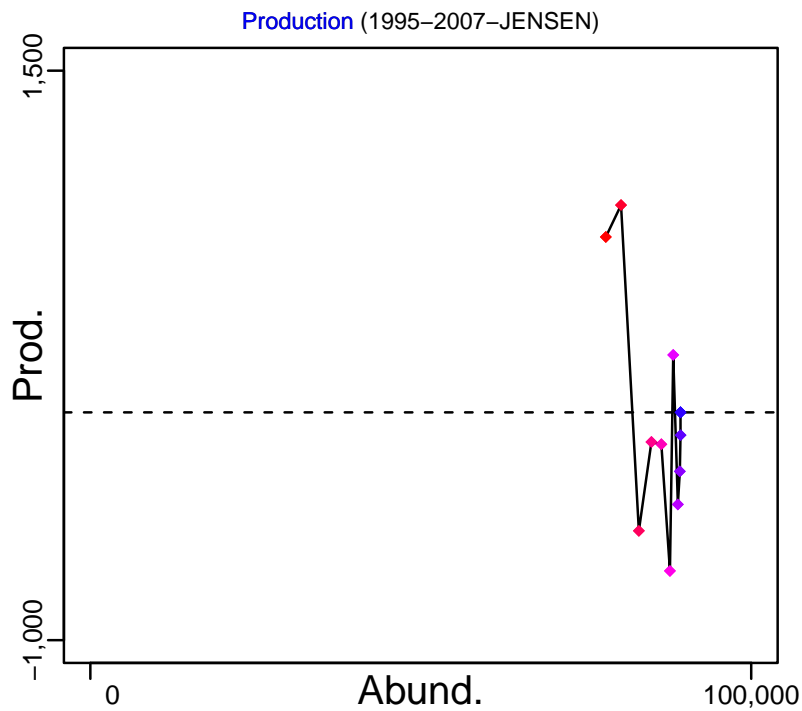
Kobe MGTpref (1995–2007–JENSEN)



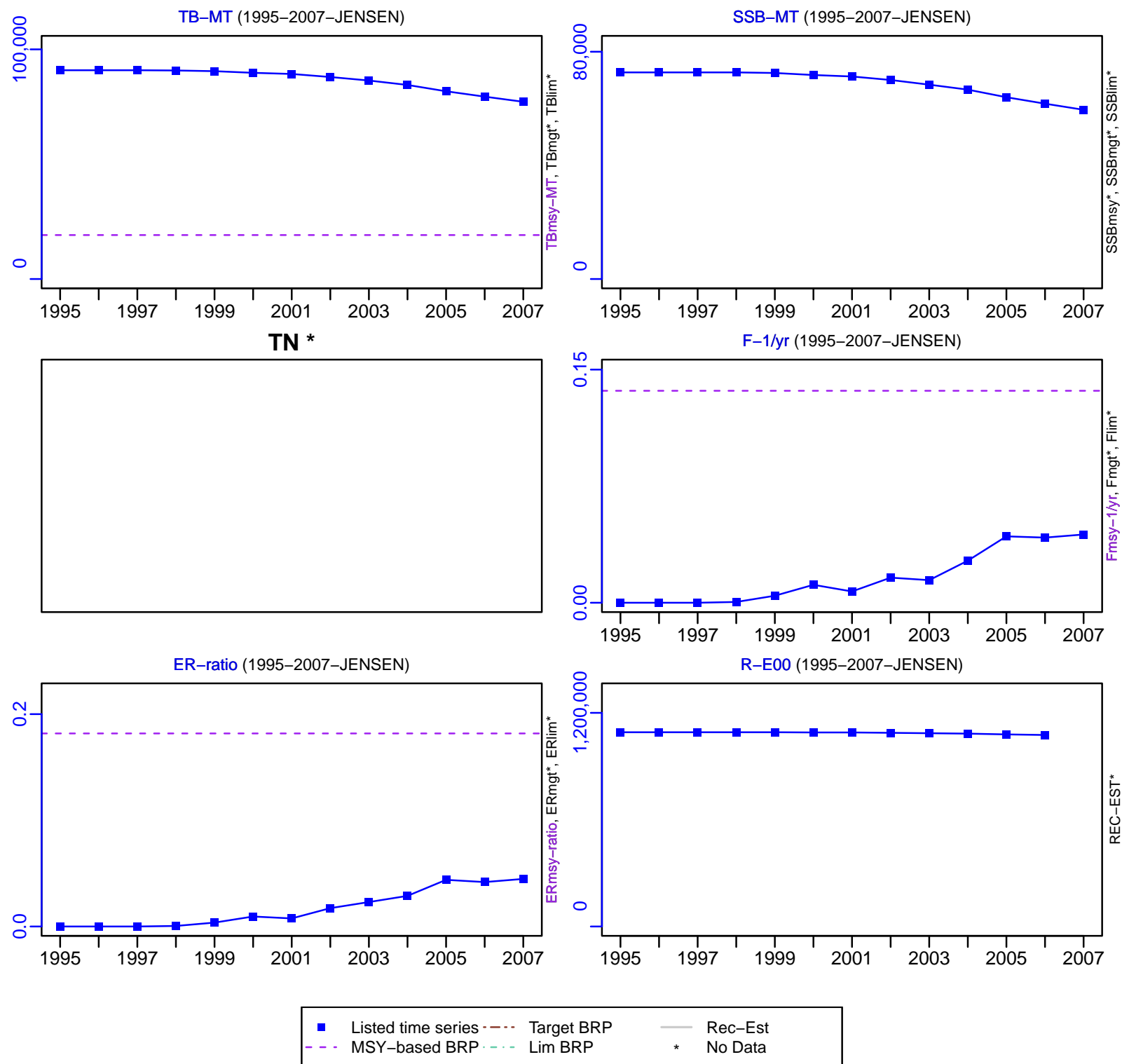
Spawner Recruit (1995–2007–JENSEN)



Production (1995–2007–JENSEN)



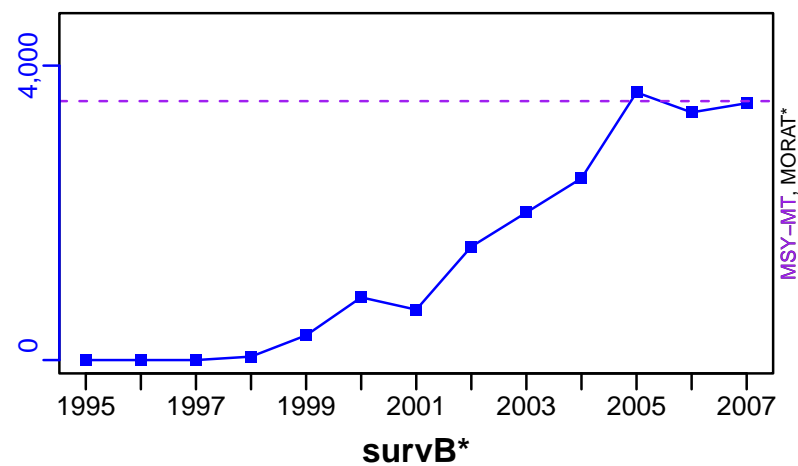
# Antarctic toothfish Ross Sea [ATOOTHFISHRS]





# Antarctic toothfish Ross Sea [ATOOTHFISHRS]

TC-MT, TL\*, RecC\* (1995-2007-JENSEN)



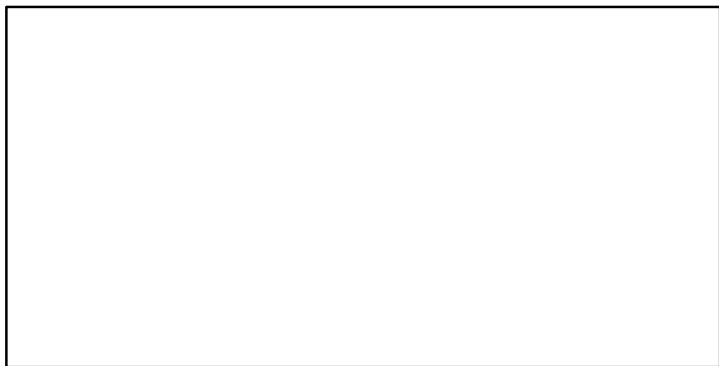
TAC\*, Cpair\*, Cadv\*



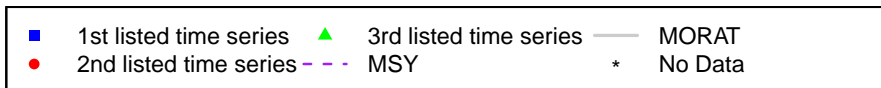
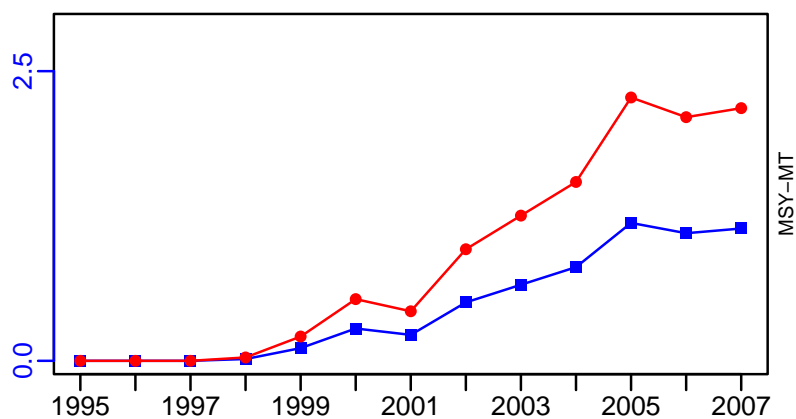
CPUE\*



EFFORT\*



TC-MT/MSY-MT, CdivMEANC-ratio, (1995-2007-JENSEN)



## Walleye pollock Navarinsky [WPOLLNAVAR]

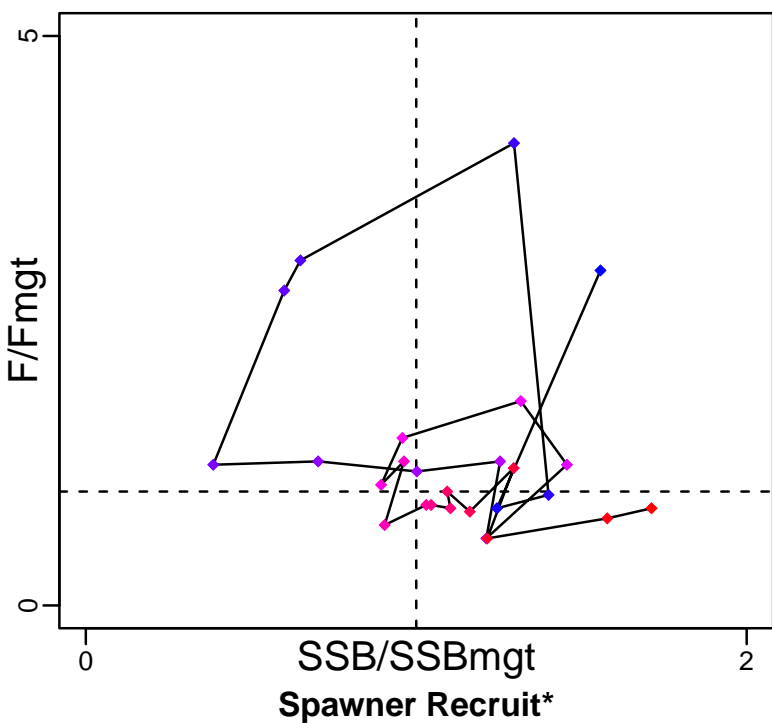
Metadata	
<b>Scientific Name</b>	Theragra chalcogramma
<b>Current Assess ID</b>	VNIRO-WPOLLNAVAR-1984-2020-HIVELY
<b>Area</b>	Navarinsky
<b>Management Authority</b>	Russian Federal Fisheries Agency, Russia national management
<b>Assessor</b>	Russian Federal Research Institute of Fisheries and Oceanography
<b>Asmts in RAM</b>	2015, 2020, 2004

Reference Points			
Type	ID	Asmt Year	Value
<b>TBmsy</b>	TBmsy-MT	2004	1,570,000
<b>SSBmsy</b>	-	-	-
<b>Fmsy</b>	Fmsy-1/yr	2004	0.235
<b>ERmsy</b>	-	-	-
<b>TBmgt</b>	-	-	-
<b>SSBmgt</b>	SSBmgt-MT	2020	1,024,000
<b>Fmgt</b>	Fmgt-1/yr	2020	0.34
<b>ERmgt</b>	-	-	-
<b>TB0</b>	-	-	-
<b>SSB0</b>	-	-	-
<b>MSY</b>	-	-	-
<b>M</b>	-	-	-
<b>TBlim</b>	-	-	-
<b>SSBlim</b>	SSBlim-MT	2020	663,800
<b>Flim</b>	Flim-1/yr	2020	0.514
<b>ERlim</b>	-	-	-

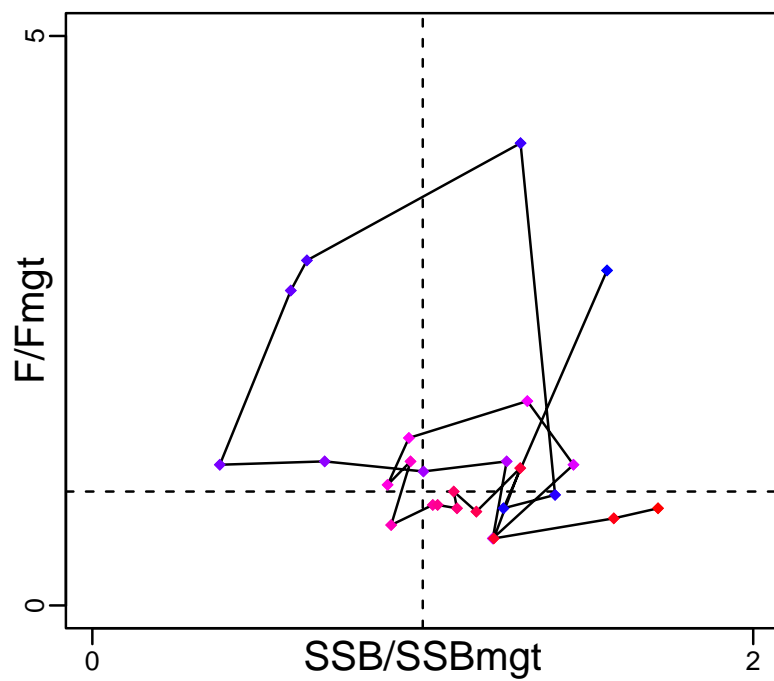
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
<b>TB</b>	TB-MT	2004	1,600,000	-	2+
<b>SSB</b>	SSB-MT	2020	1,753,000	-	-
<b>TN</b>	-	-	-	-	-
<b>R</b>	-	-	-	-	-
<b>F</b>	F-1/yr	2020	0.29	-	-
<b>ER</b>	ER-ratio	2004	0.237	-	-
<b>TC</b>	TC-MT	2020	381,700		
<b>TL</b>	TL-MT	2015	310,000		
<b>TB/TBmsy</b>	TB-MT/TBmsy-MT	2004	1.019		
<b>SSB/SSBmsy</b>	-	-	-		
<b>F/Fmsy</b>	F-1/yr/Fmsy-1/yr	2004	1.064		
<b>ER/ERmsy</b>	-	-	-		
<b>TB/TBmgt</b>	-	-	-		
<b>SSB/SSBmgt</b>	SSB-MT/SSBmgt-MT	2020	1.712		
<b>F/Fmgt</b>	F-1/yr/Fmgt-1/yr	2020	0.853		
<b>ER/ERmgt</b>	-	-	-		

# Walleye pollock Navarinsky [WPOLLNAVAR]

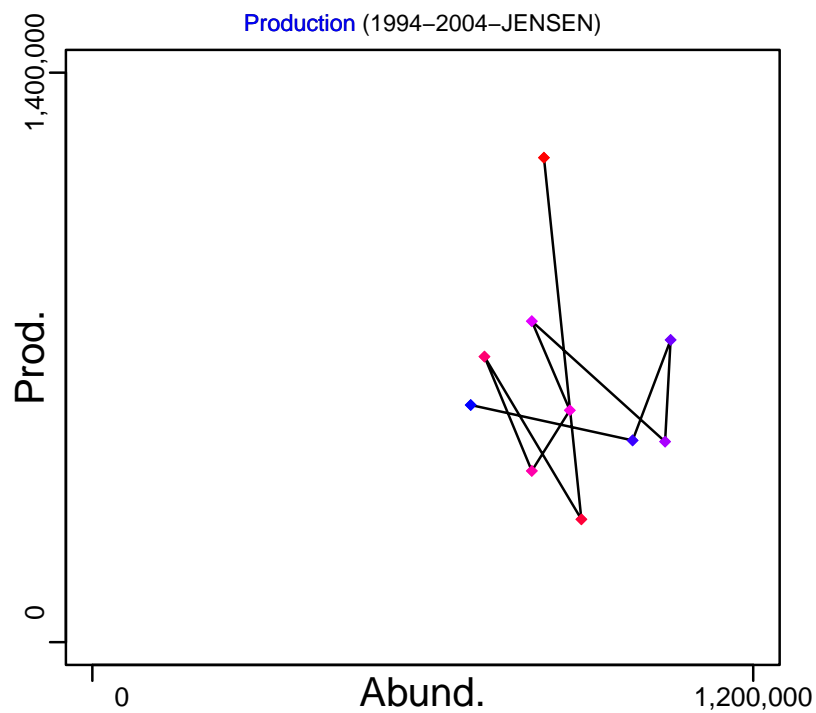
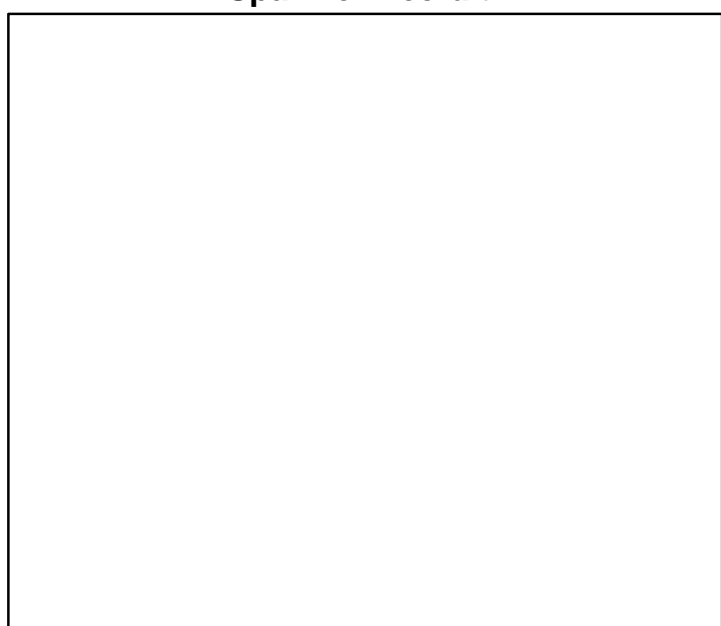
Kobe MSYpref (1984–2020–HIVELY)



Kobe MGTpref (1984–2020–HIVELY)



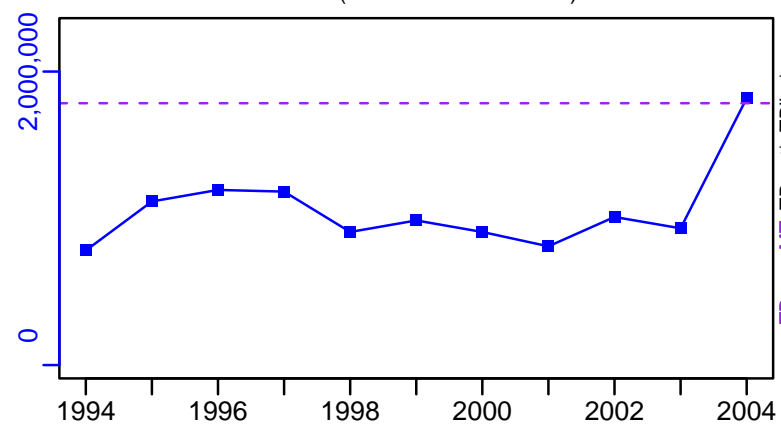
Production (1994–2004–JENSEN)



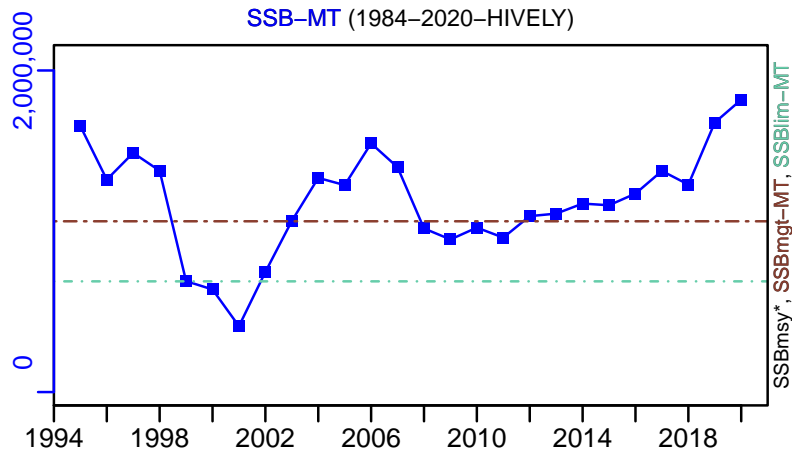
◆ Start Year ◆ End Year \* No Data

# Walleye pollock Navarinsky [WPOLLNAVAR]

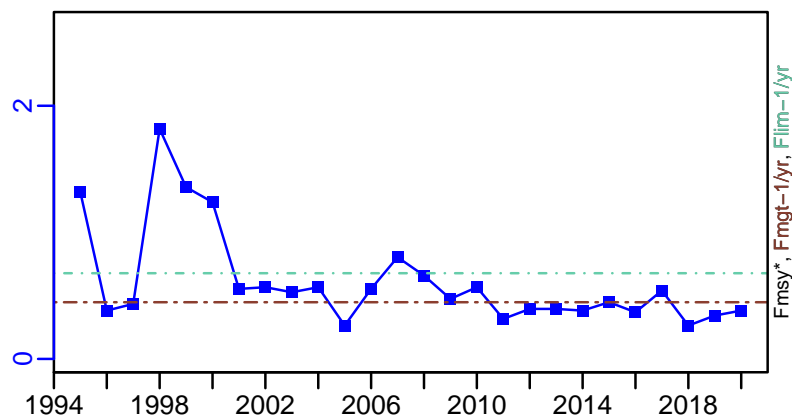
TB-MT (1994-2004-JENSEN)



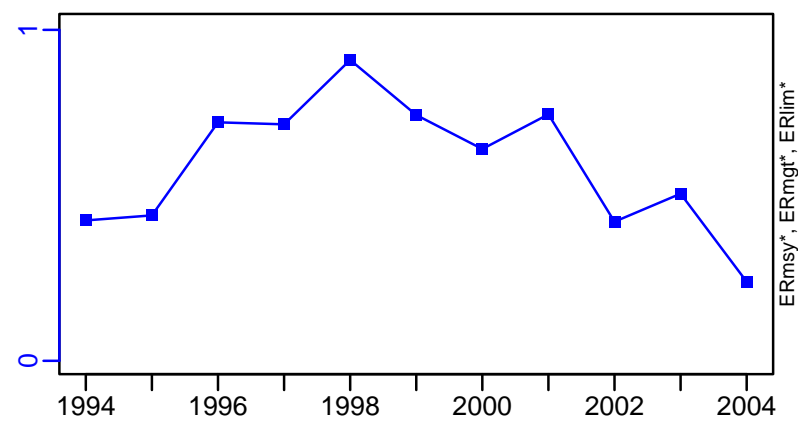
SSB-MT (1984-2020-HIVELY)



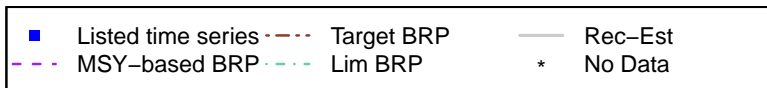
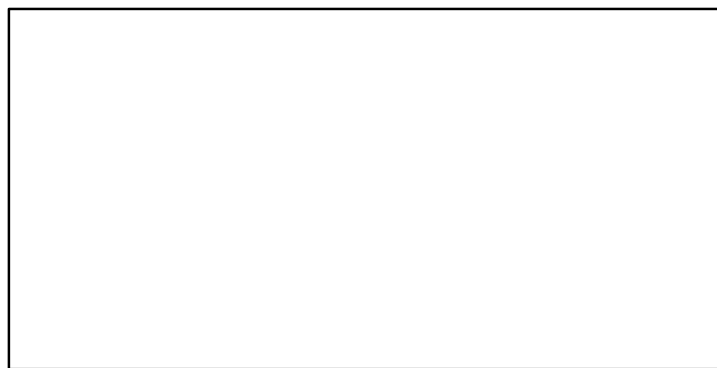
F-1/yr (1984-2020-HIVELY)



ER-ratio (1994-2004-JENSEN)

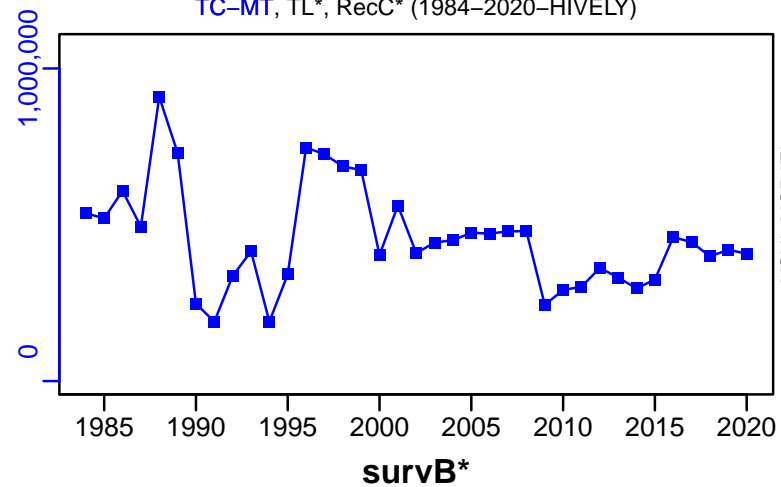


Recruits\*

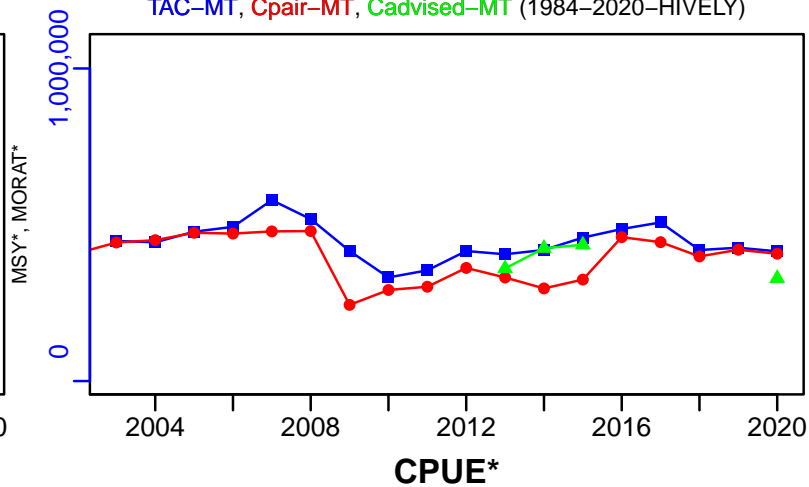


# Walleye pollock Navarinsky [WPOLLNAVAR]

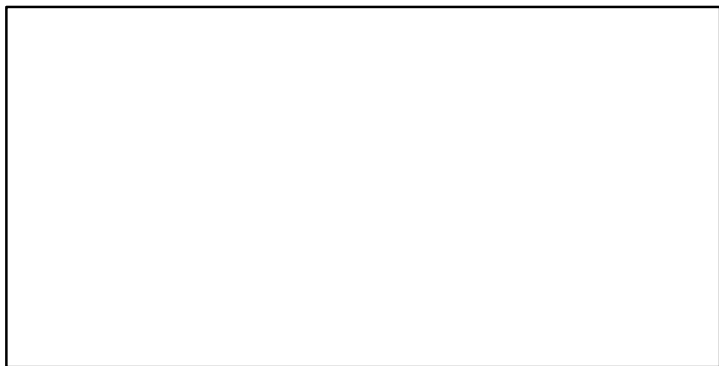
TC-MT, TL\*, RecC\* (1984-2020-HIVELY)



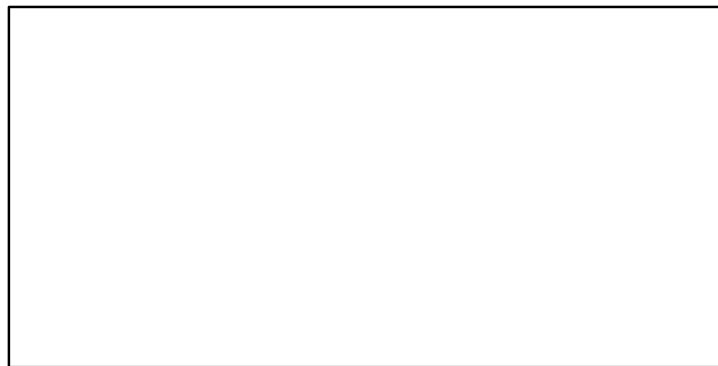
TAC-MT, Cpair-MT, Cadvised-MT (1984-2020-HIVELY)



EFFORT\*



CdivMSY\*



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

## Walleye pollock Northern Sea of Okhotsk [WPOLLNSO]

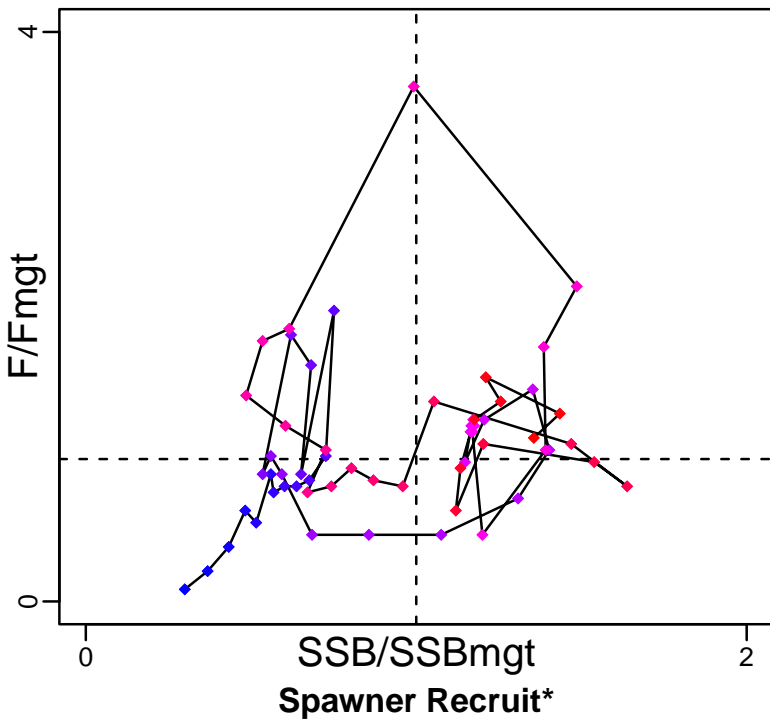
Metadata	
<b>Scientific Name</b>	Theragra chalcogramma
<b>Current Assess ID</b>	VNIRO-WPOLLNSO-1963-2020-HIVELY
<b>Area</b>	Northern Sea of Okhotsk
<b>Management Authority</b>	Russian Federal Fisheries Agency, Russia national management
<b>Assessor</b>	Russian Federal Research Institute of Fisheries and Oceanography
<b>Asmts in RAM</b>	2012, 2017, 2020

Reference Points			
Type	ID	Asmt Year	Value
<b>TBmsy</b>	TBmsy-MT	2012	5,100,000
<b>SSBmsy</b>	-	-	-
<b>Fmsy</b>	Fmsy-1/yr	2012	0.295
<b>ERmsy</b>	-	-	-
<b>TBmgt</b>	-	-	-
<b>SSBmgt</b>	SSBmgt-MT	2020	5,089,000
<b>Fmgt</b>	Fmgt-1/yr	2020	0.235
<b>ERmgt</b>	-	-	-
<b>TB0</b>	-	-	-
<b>SSB0</b>	-	-	-
<b>MSY</b>	MSY-MT	2017	966,700
<b>M</b>	-	-	-
<b>TBlim</b>	-	-	-
<b>SSBlim</b>	SSBlim-MT	2020	2,583,000
<b>Flim</b>	Flim-1/yr	2020	0.305
<b>ERlim</b>	-	-	-

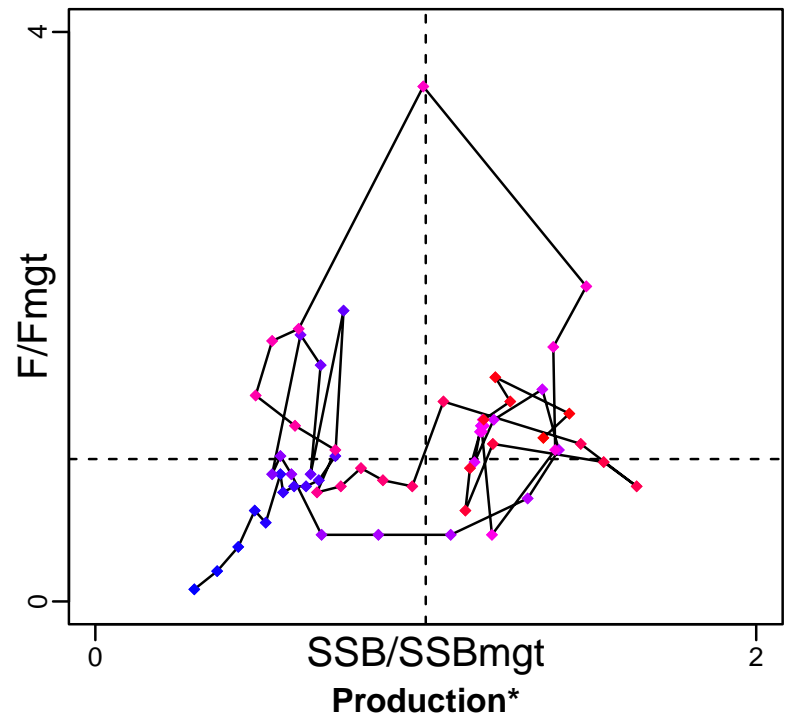
Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
<b>TB</b>	TB-MT	2012	7,020,000	-	-
<b>SSB</b>	SSB-MT	2020	6,900,000	-	-
<b>TN</b>	-	-	-	-	-
<b>R</b>	-	-	-	-	-
<b>F</b>	F-1/yr	2020	0.27	-	-
<b>ER</b>	ER-calc-ratio	2012	0.091	-	-
<b>TC</b>	TC-MT	2020	1,054,900		
<b>TL</b>	TL-MT	2017	883,000		
<b>TB/TBmsy</b>	TB-MT/TBmsy-MT	2012	1.376		
<b>SSB/SSBmsy</b>	-	-	-		
<b>F/Fmsy</b>	-	-	-		
<b>ER/ERmsy</b>	-	-	-		
<b>TB/TBmgt</b>	-	-	-		
<b>SSB/SSBmgt</b>	SSB-MT/SSBmgt-MT	2020	1.356		
<b>F/Fmgt</b>	F-1/yr/Fmgt-1/yr	2020	1.149		
<b>ER/ERmgt</b>	-	-	-		

# Walleye pollock Northern Sea of Okhotsk [WPOLLNSO]

Kobe MSYpref (1963–2020–HIVELY)

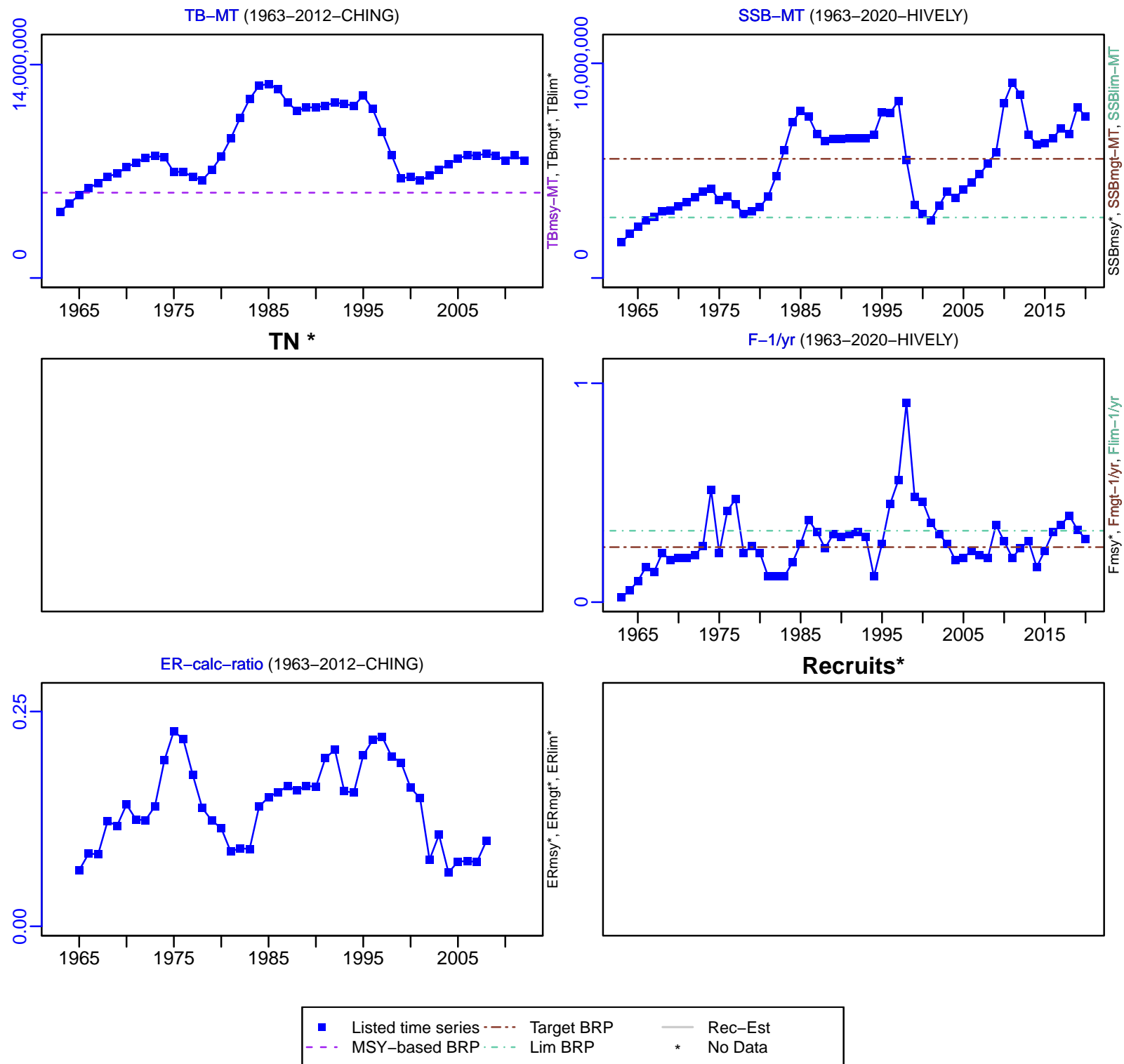


Kobe MGTpref (1963–2020–HIVELY)



◆ Start Year ◆ End Year \* No Data

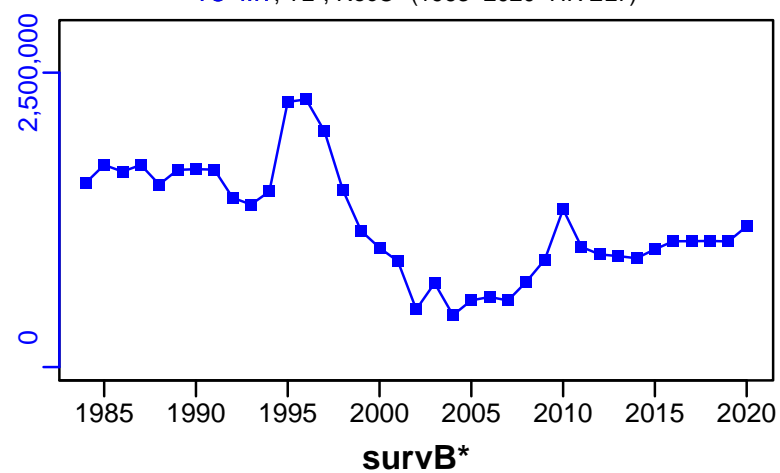
# Walleye pollock Northern Sea of Okhotsk [WPOLLNSO]



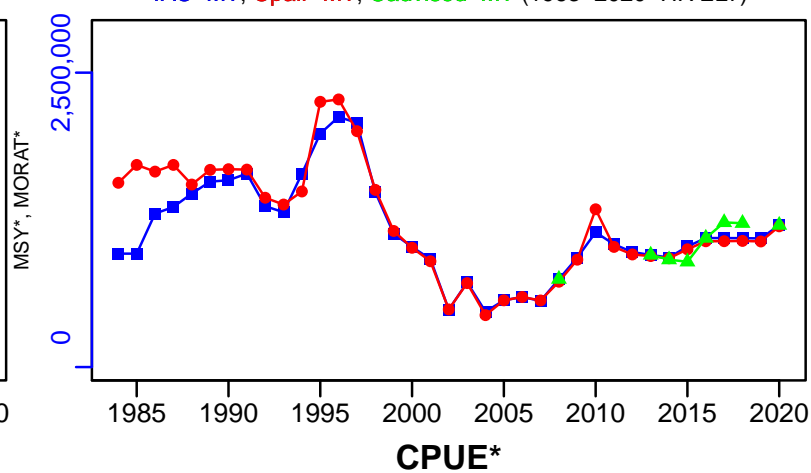


# Walleye pollock Northern Sea of Okhotsk [WPOLLNSO]

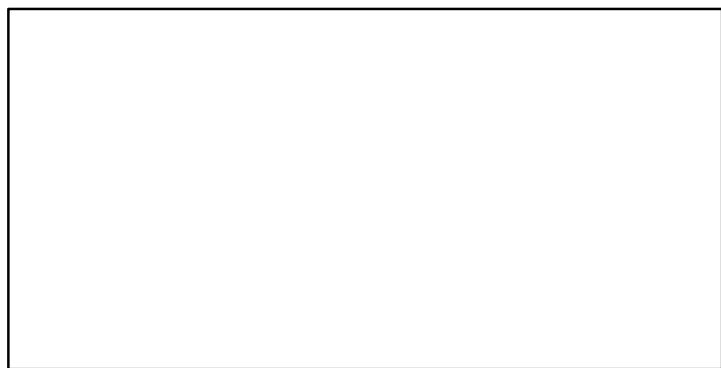
TC-MT, TL\*, RecC\* (1963–2020–HIVELY)



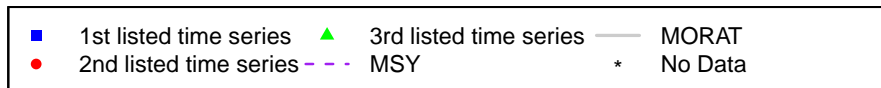
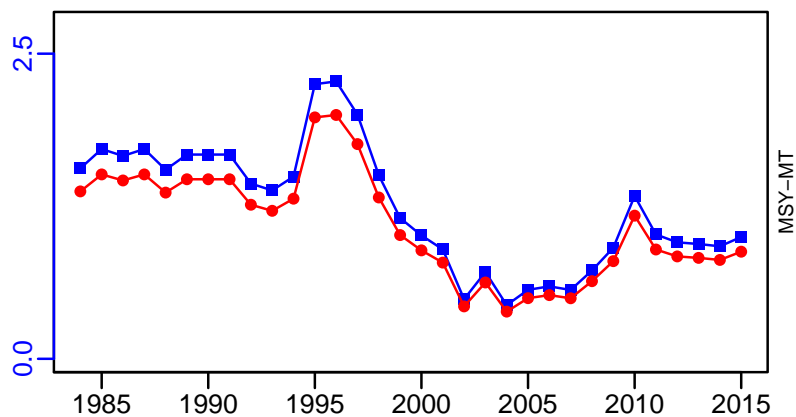
TAC-MT, Cpair-MT, Cadvised-MT (1963–2020–HIVELY)



EFFORT\*



TL-MT/MSY-MT, CdivMEANC-ratio, (1963–2017–ASHBROOK)



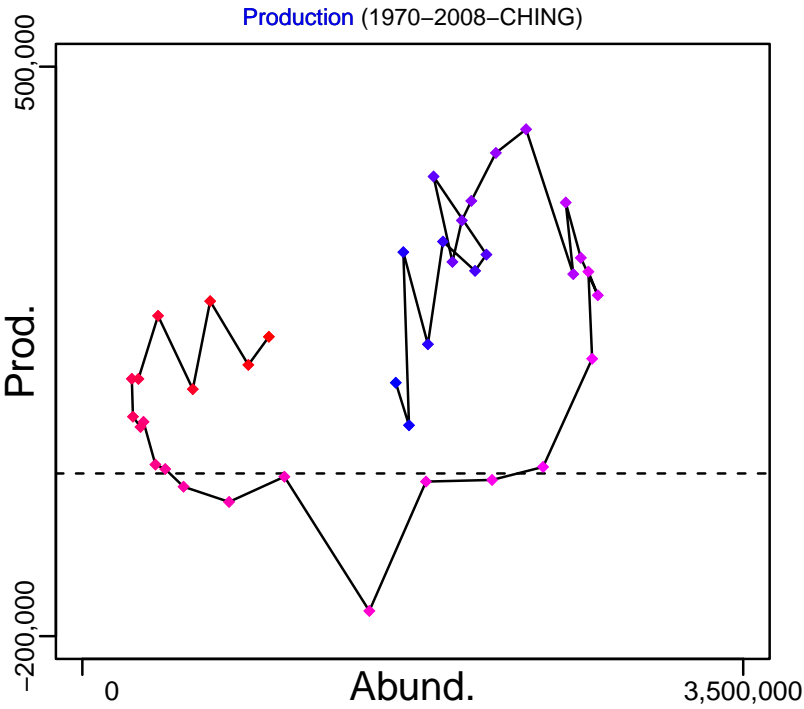
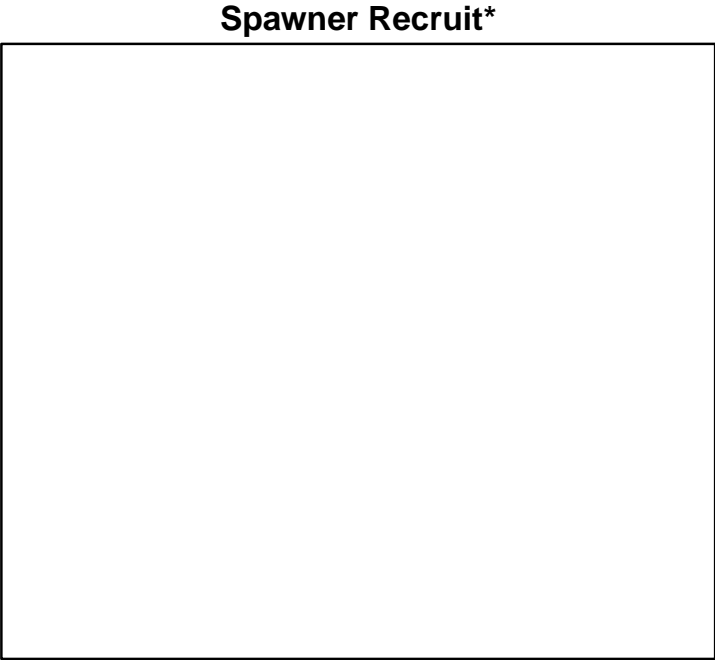
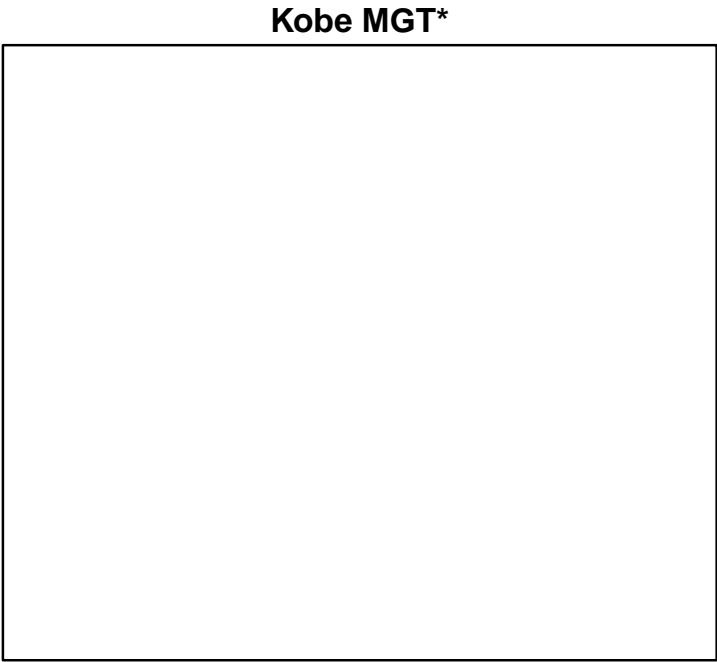
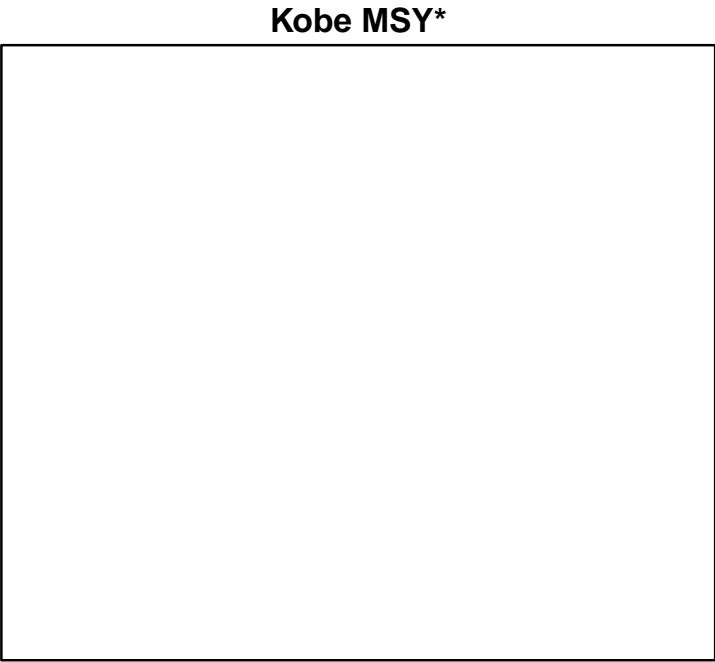
## Walleye pollock Western Bering Sea [WPOLLWBS]

Metadata	
<b>Scientific Name</b>	Theragra chalcogramma
<b>Current Assess ID</b>	VNIRO-WPOLLWBS-1970-2020-HIVELY
<b>Area</b>	Western Bering Sea
<b>Management Authority</b>	Russian Federal Fisheries Agency, Russia national management
<b>Assessor</b>	Russian Federal Research Institute of Fisheries and Oceanography
<b>Asmts in RAM</b>	2008, 2016, 2020

Reference Points			
Type	ID	Asmt Year	Value
<b>TBmsy</b>	-	-	-
<b>SSBmsy</b>	SSBmsy-MT	2008	362,000
<b>Fmsy</b>	Fmsy-1/yr	2008	0.126
<b>ERmsy</b>	-	-	-
<b>TBmgt</b>	-	-	-
<b>SSBmgt</b>	SSBmgt-MT	2020	362,900
<b>Fmgt</b>	-	-	-
<b>ERmgt</b>	-	-	-
<b>TB0</b>	-	-	-
<b>SSB0</b>	-	-	-
<b>MSY</b>	-	-	-
<b>M</b>	-	-	-
<b>TBlim</b>	-	-	-
<b>SSBlim</b>	SSBlim-MT	2020	145,900
<b>Flim</b>	-	-	-
<b>ERlim</b>	-	-	-

Time Series					
Type	ID	Asmt Year	Curr Value	Sex	Age
<b>TB</b>	TB-MT	2008	954,000	-	-
<b>SSB</b>	SSB-MT	2020	223,900	-	-
<b>TN</b>	-	-	-	-	-
<b>R</b>	-	-	-	-	-
<b>F</b>	-	-	-	-	-
<b>ER</b>	ER-calc-ratio	2008	0.108	-	-
<b>TC</b>	TC-MT	2020	22,000		
<b>TL</b>	TL-MT	2016	15,100		
<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	2020	0.617		
<b>F/Fmgt</b>	-	-	-		
<b>ER/ERmgt</b>	-	-	-		

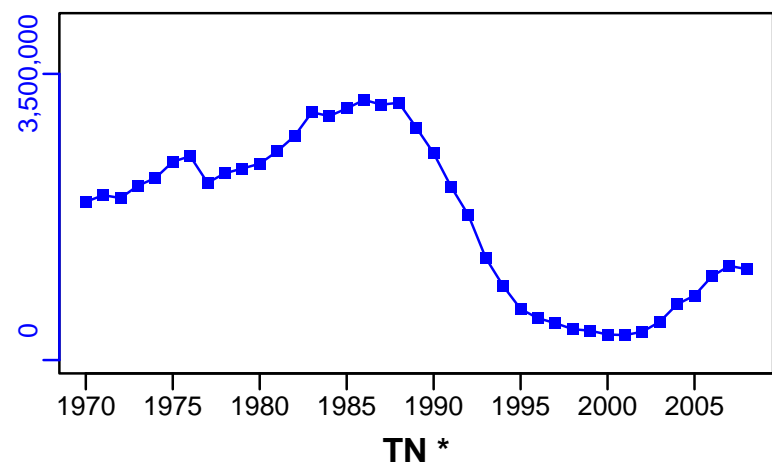
Walleye pollock Western Bering Sea [WPOLLWBS]



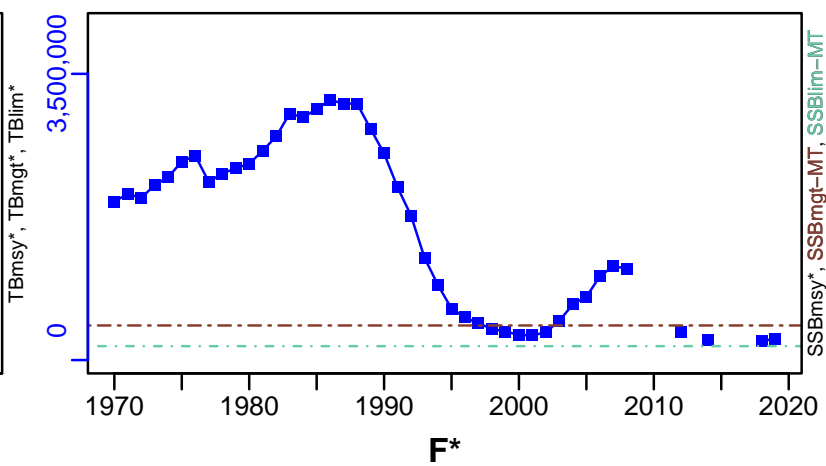
◆ Start Year ◆ End Year \* No Data

# Walleye pollock Western Bering Sea [WPOLLWBS]

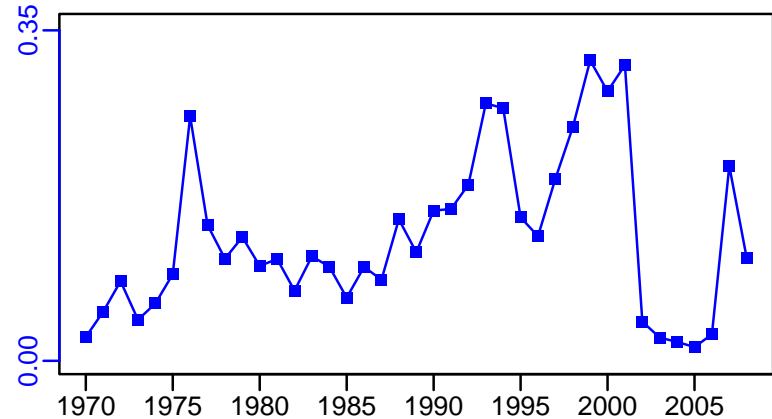
TB-MT (1970-2008-CHING)



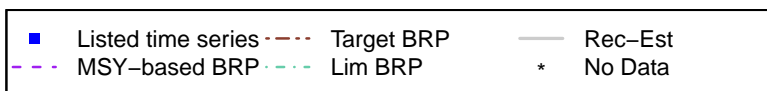
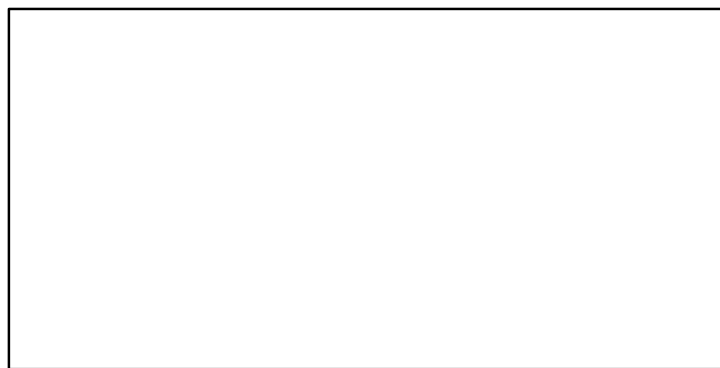
SSB-MT (1970-2020-HIVELY)



ER-calc-ratio (1970-2008-CHING)



Recruits\*



Walleye pollock Western Bering Sea [WPOLLWBS]

TC-MT, TL\*, RecC\* (1970-2020-HIVELY)

TAC-MT, Cpair-MT, Cadvised-MT (1970-2020-HIVELY)

