US Alaska Stocks

v4.44 (Dec-21-2018)

Not present Present Preferred

		Time Ser	ies Types	
Stock	B/Bmsy	U/Umsy	B/Bmgt	U/Umgt
ALPLAICBSAI [Alaska plaice Bering Sea and Aleutian Islands]	TB SSB	ER F	TB SSB	ER F
ALSKABSAI [Alaska skate Bering Sea and Aleutian Islands]	TB SSB	ER F	TB SSB	ER F
3. ARFLOUNDBSAI [Arrowtooth flounder Bering Sea and Aleutian Is-	TB SSB	ER F	TB SSB	ER F
lands]				
4. ARFLOUNDGA [Arrowtooth flounder Gulf of Alaska]	TB SSB	ER F	TB SSB	ER F
5. ATKABSAI [Atka mackerel Bering Sea and Aleutian Islands]	TB SSB	ER F	TB SSB	ER F
6. ATKAGA [Atka mackerel Gulf of Alaska]	TB SSB	ER F	TB SSB	ER F
7. BKINGCRABPI [Blue king crab Pribilof Islands]	TB SSB	ER F	TB SSB	ER F
8. BKINGCRABSMI [Blue king crab Saint Matthews Island]	TB SSB	ER F	TB SSB	ER F
9. DSOLEGA [Dover sole Gulf of Alaska]	TB SSB	ER F	TB SSB	ER F
10. DUSROCKGA [Dusky rockfish Gulf of Alaska]	TB SSB	ER F	TB SSB	ER F
11. FLSOLEBSAI [Flathead sole Bering Sea and Aleutian Islands]	TB SSB	ER F	TB SSB	ER F
12. FLSOLEGA [Flathead sole Gulf of Alaska]	TB SSB	ER F	TB SSB	ER F
13. GHALBSAI [Greenland turbot Bering Sea and Aleutian Islands]	TB SSB	ER F	TB SSB	ER F
14. GPOCTOBSAI [Giant Pacific octopus Bering Sea and Aleutian Is-	TB SSB	ER F	TB SSB	ER F
lands]				
15. GPOCTOGA [Giant Pacific octopus Gulf of Alaska]	TB SSB	ER F	TB SSB	ER F
16. HERRPWS [Pacific herring Prince William Sound]	TB SSB	ER F	TB SSB	ER F
17. HERRSITKA [Pacific herring Sitka]	TB SSB	ER F	TB SSB	ER F
18. HERRTOG [Herring Togiak District]	TB SSB	ER F	TB SSB	ER F
19. KMFLOUNBSAI [Kamchatka flounder Bering Sea and Aleutian Is-	TB SSB	ER F	TB SSB	ER F
lands]				
20. NROCKBSAI [Northern rockfish Bering Sea and Aleutian Islands]	TB SSB	ER F	TB SSB	ER F
21. NROCKGA [Northern rockfish Gulf of Alaska]	TB SSB	ER F	TB SSB	ER F
22. NRSOLEEBSAI [Northern rock sole Eastern Bering Sea and Aleutian	TB SSB	ER F	TB SSB	ER F
Islands]				
23. NRSOLEGA [Northern rock sole Gulf of Alaska]	TB SSB	ER F	TB SSB	ER F
24. PCODAI [Pacific cod Aleutian Islands]	TB SSB	ER F	TB SSB	ER F
25. PCODBS [Pacific cod Bering Sea]	TB SSB	ER F	TB SSB	ER F
26. PCODGA [Pacific cod Gulf of Alaska]	TB SSB	ER F	TB SSB	ER F
27. PERCHEBSAI [Pacific Ocean perch Eastern Bering Sea and Aleu-	TB SSB	ER F	TB SSB	ER F
tian Islands]				
28. PHALNPAC [Pacific halibut North Pacific]	TB SSB	ER F	TB SSB	ER F
29. POPERCHGA [Pacific ocean perch Gulf of Alaska]	TB SSB	ER F	TB SSB	ER F
30. REXSOLEGA [Rex sole Gulf of Alaska]	TB SSB	ER F	TB SSB	ER F
31. REYEROCKBSAI [Rougheye rockfish Bering Sea and Aleutian Is-	TB SSB	ER F	TB SSB	ER F
lands]				
32. REYEROCKGA [Rougheye rockfish Gulf of Alaska]	TB SSB	ER F	TB SSB	ER F
33. RKCRABBB [Red king crab Bristol Bay]	TB SSB	ER F	TB SSB	ER F
34. RKCRABNS [Red king crab Norton Sound]	TB SSB	ER F	TB SSB	ER F

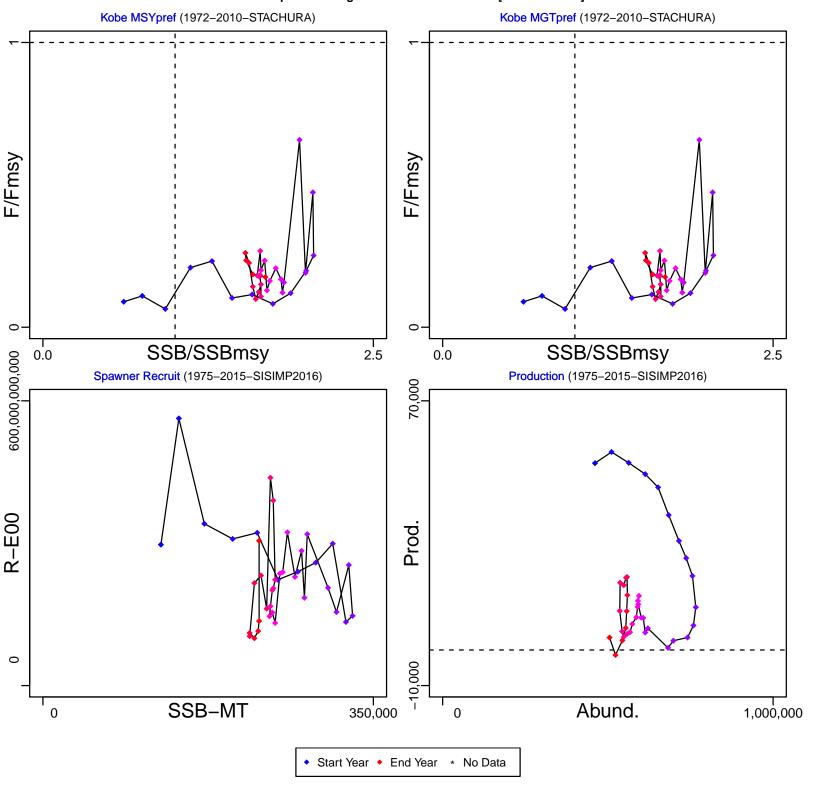
35. RKCRABPI [Red king crab Pribilof Islands]	TB SSB	ER F	TB SSB	ER F
36. RSOLEGA [Rock sole Gulf of Alaska]	TB SSB	ER F	TB SSB	ER F
37. SABLEFEBSAIGA [Sablefish Eastern Bering Sea / Aleutian Islands	TB SSB	ER F	TB SSB	ER F
/ Gulf of Alaska]				
38. SNOWCRABBS [Snow crab Bering Sea]	TB SSB	ER F	TB SSB	ER F
39. SRAKEROCKBSAI [Shortraker rockfish Bering Sea and Aleutian Is-	TB SSB	ER F	TB SSB	ER F
lands]				
40. SRAKEROCKGA [Shortraker rockfish Gulf of Alaska]	TB SSB	ER F	TB SSB	ER F
41. SSTHORNHGA [Shortspine thornyhead Gulf of Alaska]	TB SSB	ER F	TB SSB	ER F
42. TANNERCRABBSAI [Tanner crab Bering Sea and Aleutian Islands]	TB SSB	ER F	TB SSB	ER F
43. WPOLLAI [Walleye pollock Aleutian Islands]	TB SSB	ER F	TB SSB	ER F
44. WPOLLBOGO [Walleye pollock Bogoslof]	TB SSB	ER F	TB SSB	ER F
45. WPOLLEBS [Walleye pollock Eastern Bering Sea]	TB SSB	ER F	TB SSB	ER F
46. WPOLLGA [Walleye pollock Gulf of Alaska]	TB SSB	ER F	TB SSB	ER F
47. WVSCALLALASKA [Weathervane scallop Alaska]	TB SSB	ER F	TB SSB	ER F
48. YEYEROCKGA [Yelloweye rockfish Gulf of Alaska]	TB SSB	ER F	TB SSB	ER F
49. YSOLEBSAI [Yellowfin sole Bering Sea and Aleutian Islands]	TB SSB	ER F	TB SSB	ER F

Alaska plaice Bering Sea and Aleutian Islands [ALPLAICBSAI]

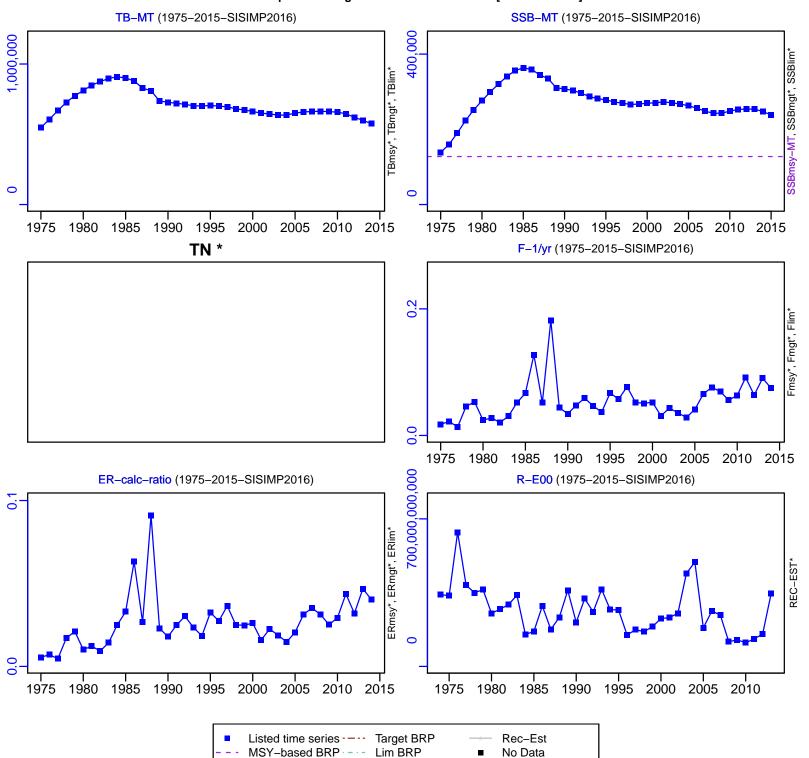
Metadata			
Scientific Name Pleuronectes quadrituberculatus			
Current Assess ID AFSC-ALPLAICBSAI-1975-2015-SISIMP2016			
Area Bering Sea and Aleutian Islands			
Management Authority National Marine Fisheries Service, US national manageme			
Assessor Alaska Fisheries Science Center			
Asmts in RAM	2010, 2015		

Reference Points			
Туре	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	SSBmsy-MT	2015	115,087
Fmsy	Fmsy-pr-1/yr	2010	0.19
ERmsy	-	-	-
TBmgt	-	-	-
SSBmgt	-	-	-
Fmgt	-	-	-
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	-	-	-
M	M-1/yr	2010	0.25
TBlim	-	-	-
SSBlim	-	-	-
Flim	-	-	-
ERlim	-	-	-

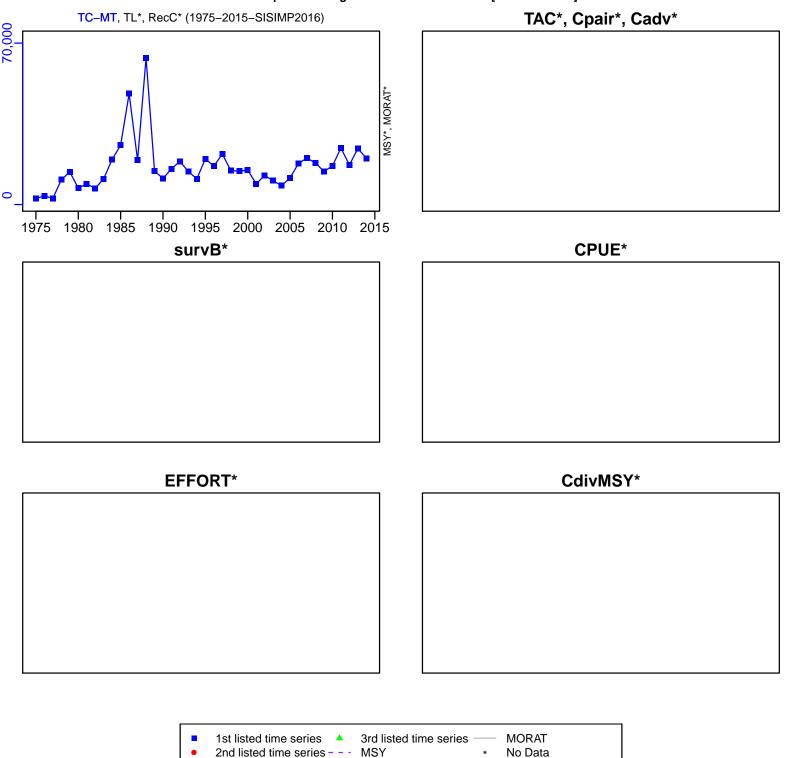
Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2015	485,000	Both	1+
SSB	SSB-MT	2015	215,000	Females	9+
TN	-	-	-	-	-
R	R-E00	2015	3.05×10^{11}	-	1
F	F-1/yr	2015	0.057	-	-
ER	ER-calc-ratio	2015	0.04	-	-
TC	TC-MT	2015	19,400		
TL	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	SSB-MT/SSBmsy-MT	2015	1.871		
F/Fmsy	F-1/yr/Fmsy-pr-1/yr	2010	0.176		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		



Alaska plaice Bering Sea and Aleutian Islands [ALPLAICBSAI]



Alaska plaice Bering Sea and Aleutian Islands [ALPLAICBSAI]

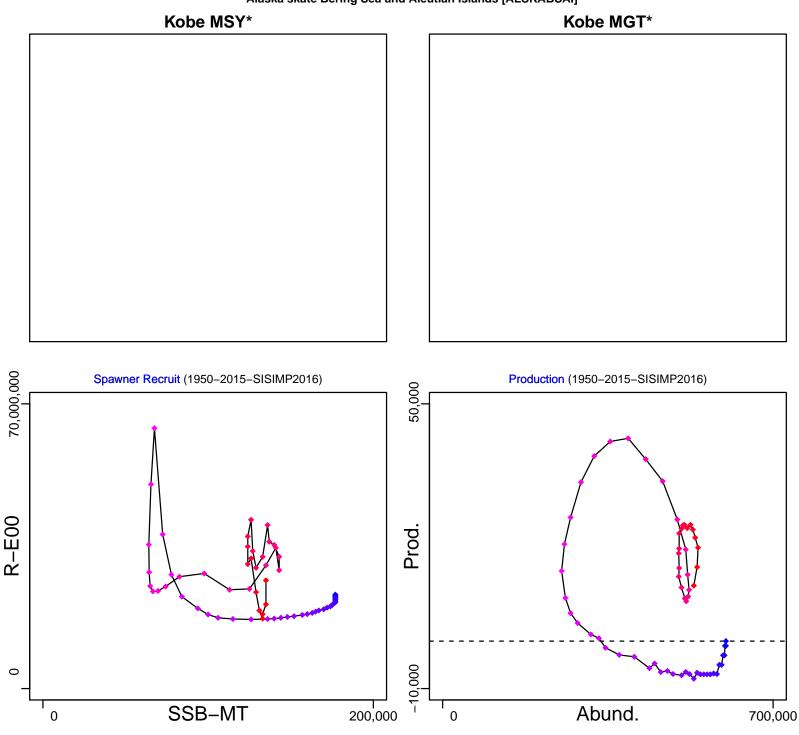


Alaska skate Bering Sea and Aleutian Islands [ALSKABSAI]

Metadata			
Scientific Name	Bathyraja parmifera		
Current Assess ID AFSC-ALSKABSAI-1950-2015-SISIMP2016			
Area Bering Sea and Aleutian Islands			
Management Authority National Marine Fisheries Service, US national management			
Assessor Alaska Fisheries Science Center			
Asmts in RAM	2015		

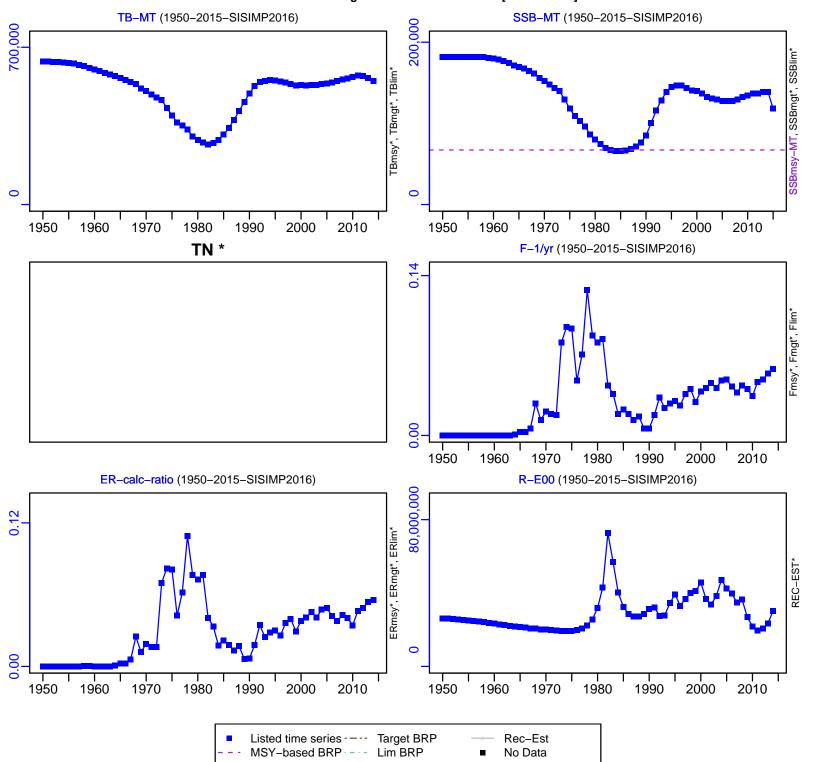
Reference Points			
Туре	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	SSBmsy-MT	2015	65,423
Fmsy	-	-	-
ERmsy	-	-	-
TBmgt	-	-	-
SSBmgt	-	-	-
Fmgt	-	-	-
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	-	-	-
М	-	-	-
TBlim	-	-	-
SSBlim	-	-	-
Flim	-	-	-
ERlim	-	-	-

	Time Series				
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2015	519,000	Both	0+
SSB	SSB-MT	2015	115,000	Females	10+
TN	-	-	-	-	-
R	R-E00	2015	26,600,000	-	0
F	F-1/yr	2015	0.056	-	-
ER	ER-calc-ratio	2015	0.048	-	-
TC	TC-MT	2015	24,800		
TL	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	SSB-MT/SSBmsy-MT	2015	1.764		
F/Fmsy	-	-	-		
ER/ERmsy	•	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

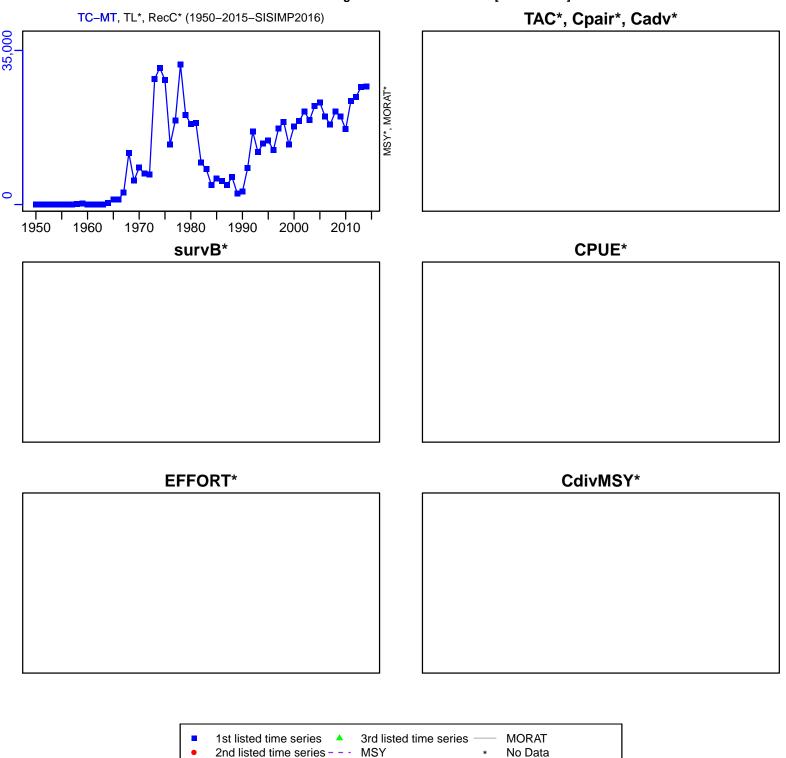


Start Year • End Year * No Data

Alaska skate Bering Sea and Aleutian Islands [ALSKABSAI]



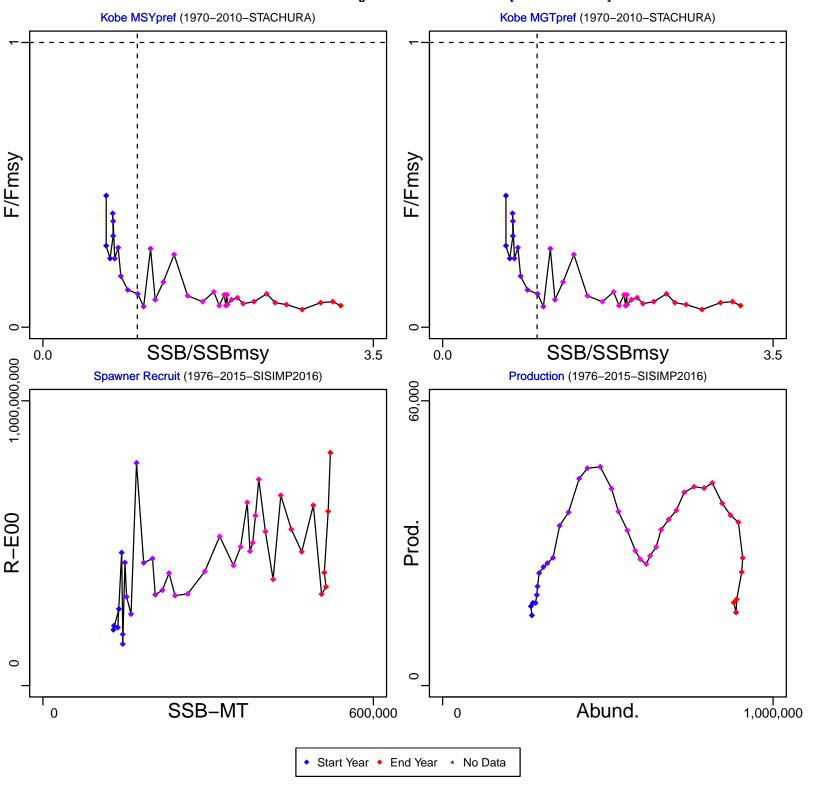
Alaska skate Bering Sea and Aleutian Islands [ALSKABSAI]

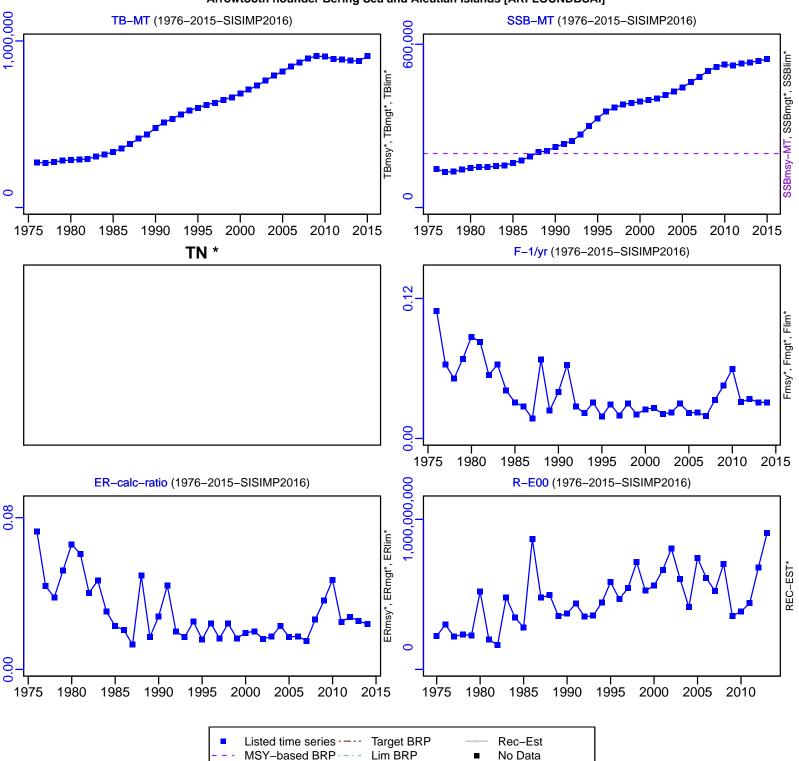


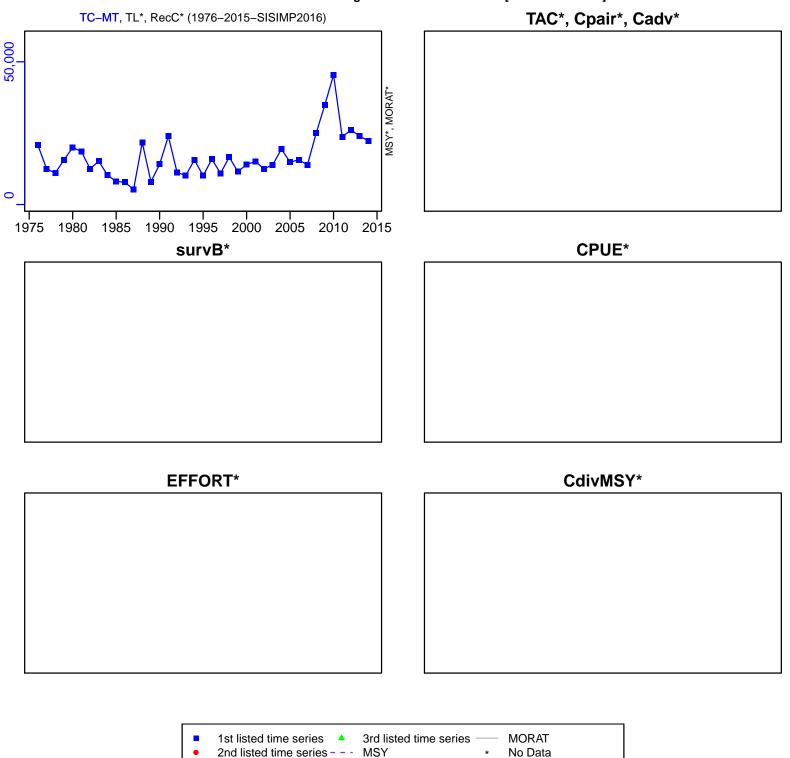
Metadata			
Scientific Name	Atheresthes stomias		
Current Assess ID AFSC-ARFLOUNDBSAI-1976-2015-SISIMP2016			
Area Bering Sea and Aleutian Islands			
Management Authority National Marine Fisheries Service, US national management			
Assessor Alaska Fisheries Science Center			
Asmts in RAM	2010, 2015		

Reference Points			
Туре	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	SSBmsy-MT	2015	194,266
Fmsy	Fmsy-pr-1/yr	2010	0.29
ERmsy	-	-	-
TBmgt	-	-	-
SSBmgt	-	-	-
Fmgt	-	-	-
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	-	-	-
М	-	-	-
TBlim	-	-	-
SSBlim	-	-	-
Flim	Flim-1/yr	2010	0.29
ERlim	-	-	-

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2015	908,000	Both	1+
SSB	SSB-MT	2015	534,000	Females	7+
TN	-	-	-	-	-
R	R-E00	2015	8.18×10^{8}	-	1
F	F-1/yr	2015	0.026	-	-
ER	ER-calc-ratio	2015	0.022	-	-
TC	TC-MT	2015	19,100		
TL	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	SSB-MT/SSBmsy-MT	2015	2.747		
F/Fmsy	F-1/yr/Fmsy-pr-1/yr	2010	0.076		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		



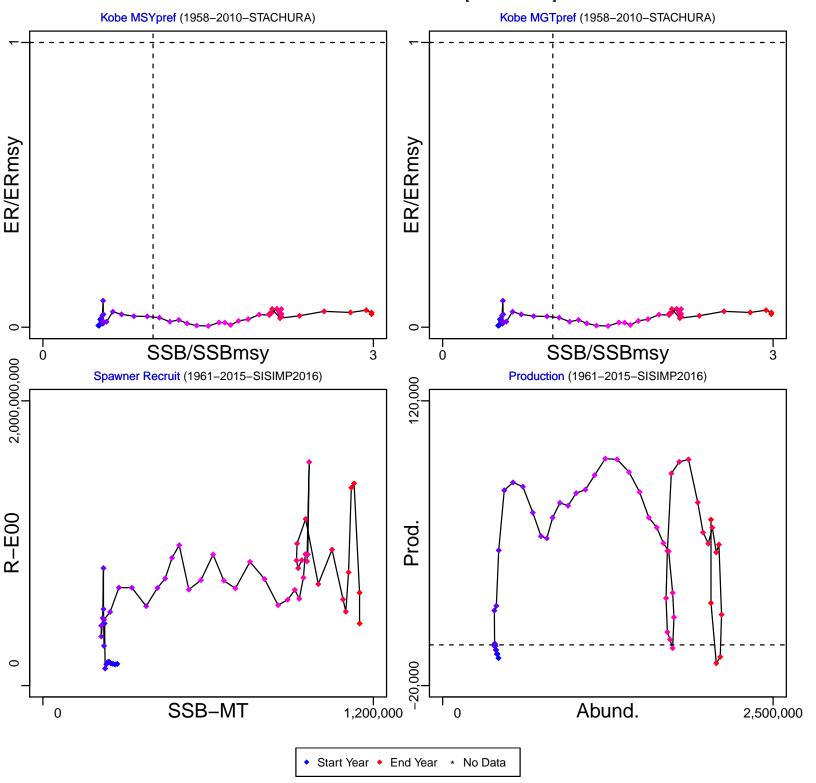


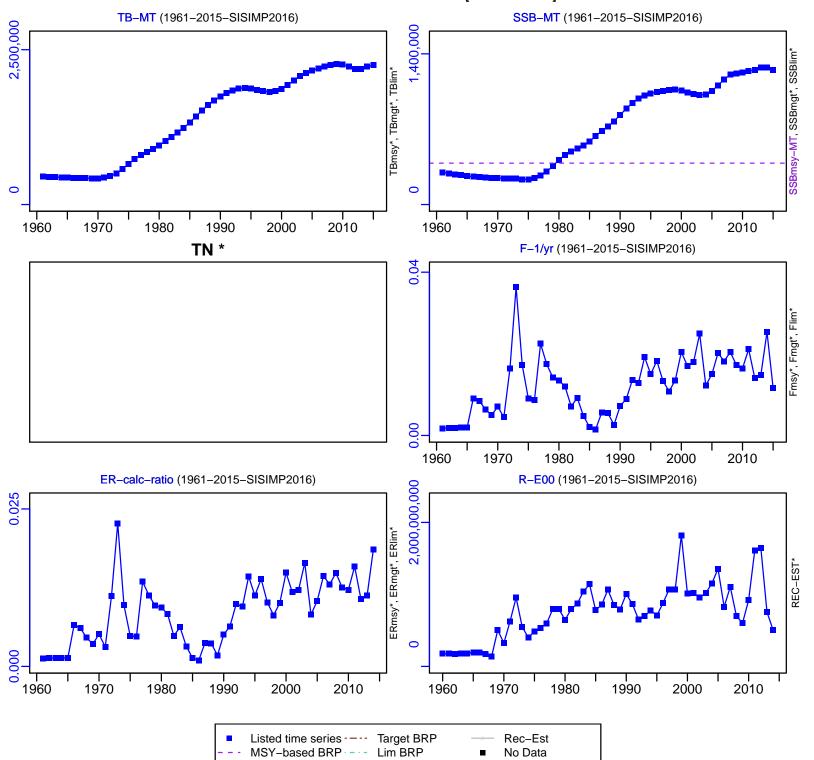


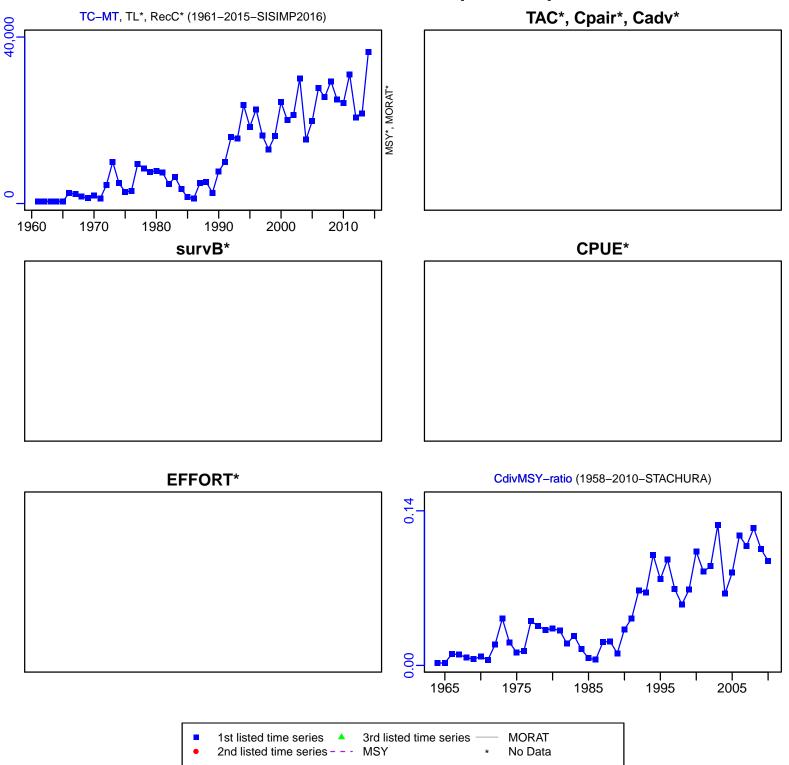
Metadata			
Scientific Name	Atheresthes stomias		
Current Assess ID AFSC-ARFLOUNDGA-1961-2015-SISIMP2016			
Area Gulf of Alaska			
Management Authority National Marine Fisheries Service, US national management			
Assessor Alaska Fisheries Science Center			
Asmts in RAM	2010, 2015		

Reference Points					
Туре	ID	Asmt Year	Value		
TBmsy	TBmsy-calc-MT	2010	1,125,923		
SSBmsy	SSBmsy-MT	2015	347,295		
Fmsy	Fmsy-pr-1/yr	2010	0.219		
ERmsy	ERmsy-ratio	2010	0.226		
TBmgt	-	-	-		
SSBmgt	-	-	-		
Fmgt	-	-	-		
ERmgt	-	-	-		
TB0	-	-	-		
SSB0	-	-	-		
MSY	MSY-MT	2010	254,271		
M	M-1/yr	2010	0.2		
TBlim	-	-	-		
SSBlim	-	-	-		
Flim	-	-	-		
ERlim	-	-	-		

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2015	2,090,000	-	1+
SSB	SSB-MT	2015	1,130,000	Females	-
TN	-	-	-	-	-
R	R-E00	2015	4.36×10^{8}	-	1
F	F-1/yr	2015	0.011	-	-
ER	ER-calc-ratio	2015	0.018	-	-
TC	TC-MT	2015	36,300		
TL	-	-	-		
TB/TBmsy	TB-MT/TBmsy-calc-MT	2010	1.901		
SSB/SSBmsy	SSB-MT/SSBmsy-MT	2015	3.262		
F/Fmsy	F-1/yr/Fmsy-pr-1/yr	2010	0.079		
ER/ERmsy	ER-ratio/ERmsy-ratio	2010	0.046		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		



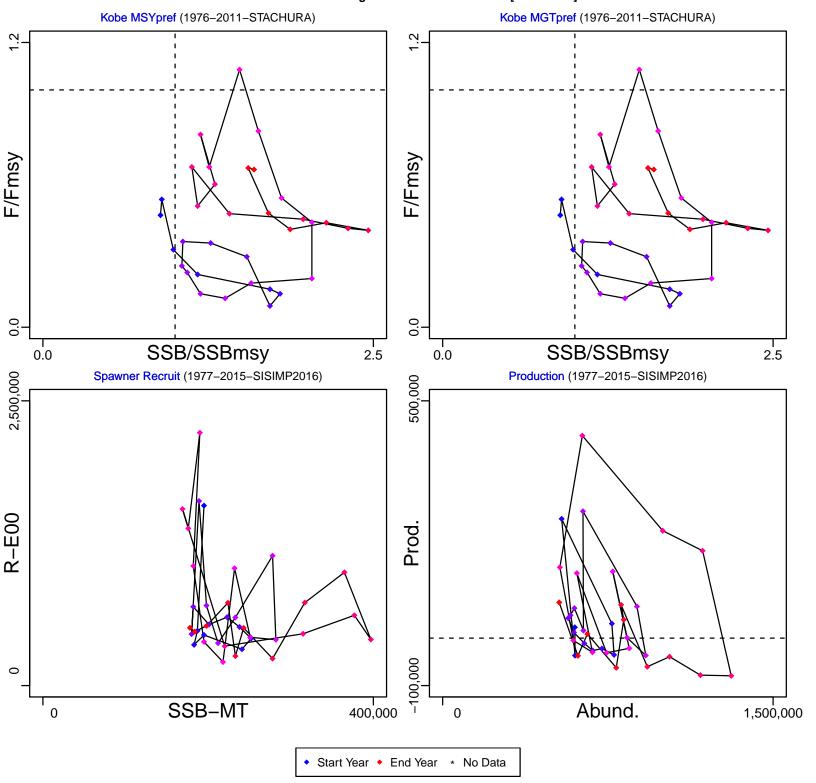


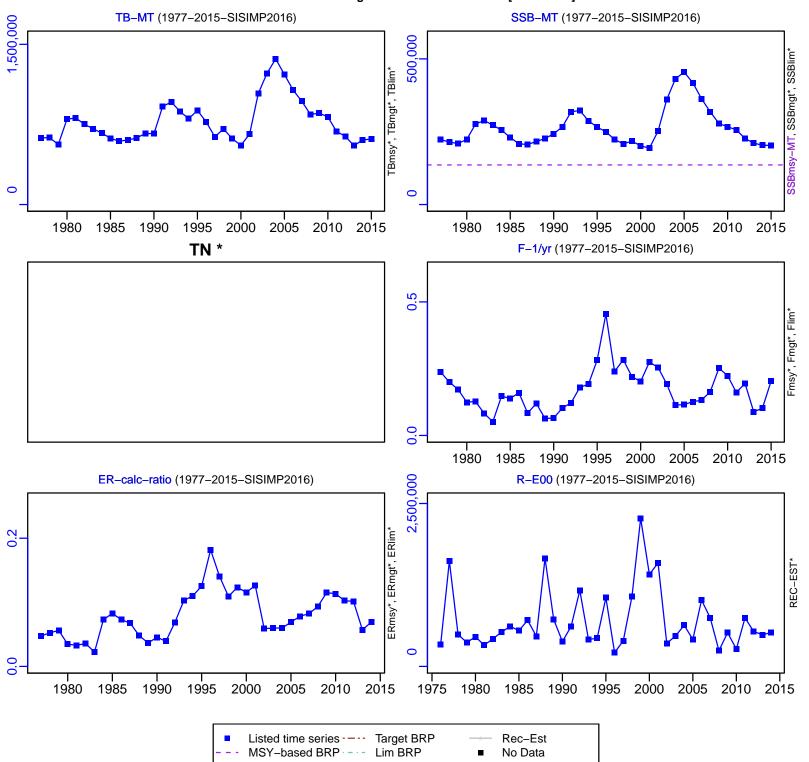


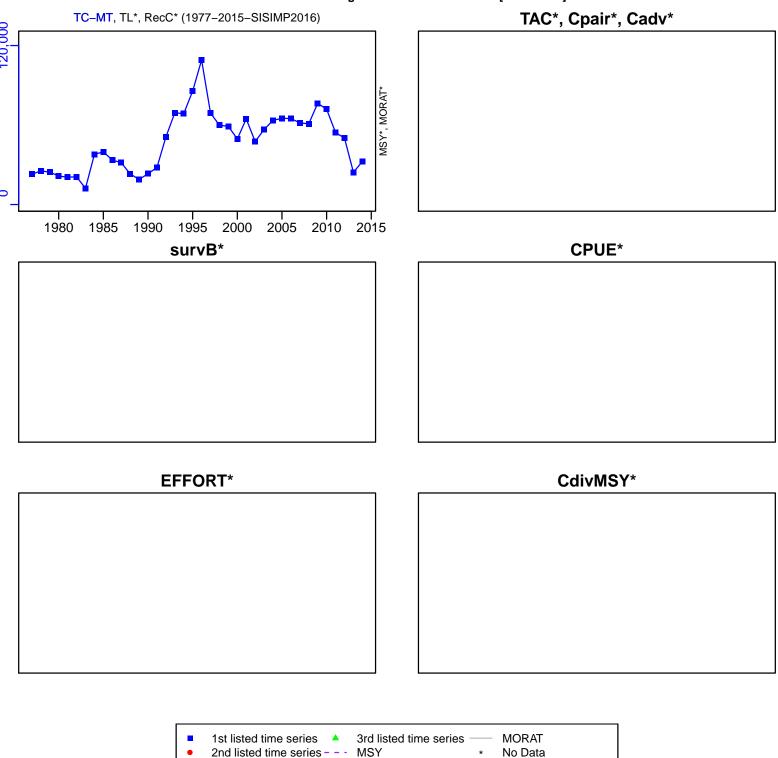
Metadata		
Scientific Name	Pleurogrammus monopterygius	
Current Assess ID	AFSC-ATKABSAI-1977-2015-SISIMP2016	
Area Bering Sea and Aleutian Islands		
Management Authority National Marine Fisheries Service, US national management		
Assessor Alaska Fisheries Science Center		
Asmts in RAM	2011, 2015	

Reference Points					
Туре	ID	Asmt Year	Value		
TBmsy	-	-	-		
SSBmsy	SSBmsy-MT	2015	118,697		
Fmsy	Fmsy-pr-1/yr	2011	0.468		
ERmsy	-	-	-		
TBmgt	-	-	-		
SSBmgt	-	-	-		
Fmgt	-	-	-		
ERmgt	-	-	-		
TB0	-	-	-		
SSB0	-	-	-		
MSY	-	-	-		
М	M-1/yr	2011	0.3		
TBlim	-	-	-		
SSBlim	-	-	-		
Flim	-	-	-		
ERlim	-	-	-		

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2015	589,000	-	1+
SSB	SSB-MT	2015	177,000	Females	3.6+
TN	-	-	-	-	-
R	R-E00	2015	507,000	-	1
F	F-1/yr	2015	0.163	-	-
ER	ER-calc-ratio	2015	0.053	-	-
TC	TC-MT	2015	30,900		
TL	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	SSB-MT/SSBmsy-MT	2015	1.494		
F/Fmsy	F-1/yr/Fmsy-pr-1/yr	2011	0.665		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		







Metadata		
Scientific Name	Pleurogrammus monopterygius	
Current Assess ID	AFSC-ATKAGA-1977-2014-SISIMP2016	
Area Gulf of Alaska		
Management Authority National Marine Fisheries Service, US national management		
Assessor Alaska Fisheries Science Center		
Asmts in RAM	2014	

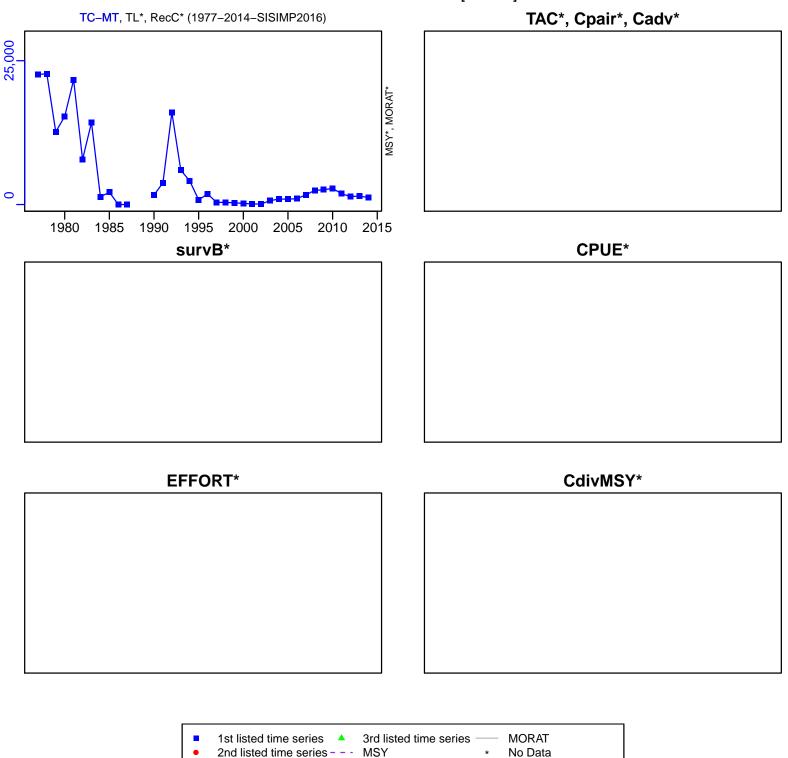
Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	-	-	-	
Fmsy	-	-	-	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	-	-	-	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	-	-	-	
MSY	-	-	-	
M	-	-	-	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	-	-	-	-	-
SSB	-	-	-	-	-
TN	-	-	-	-	-
R	-	-	-	-	-
F	-	-	-	-	-
ER	-	-	-	-	-
TC	TC-MT	2014	1040		
TL	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

Kobe MSY*	Kobe MGT*
	l
Spawner Recruit*	Production*

◆ Start Year ◆ End Year * No Data

TB*	SSB*
TN *	F*
ER*	Recruits*
ER	Reciuits
■ Listed time series Ta MSY-based BRP Li	arget BRP — Rec-Est
MSY-based BRP Li	m BRP ■ No Data

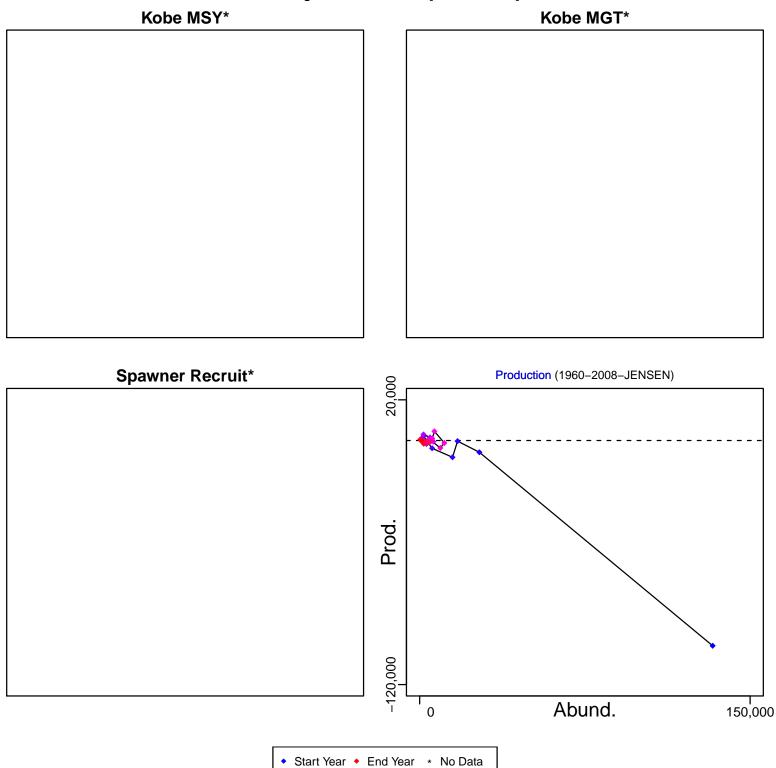


Blue king crab Pribilof Islands [BKINGCRABPI]

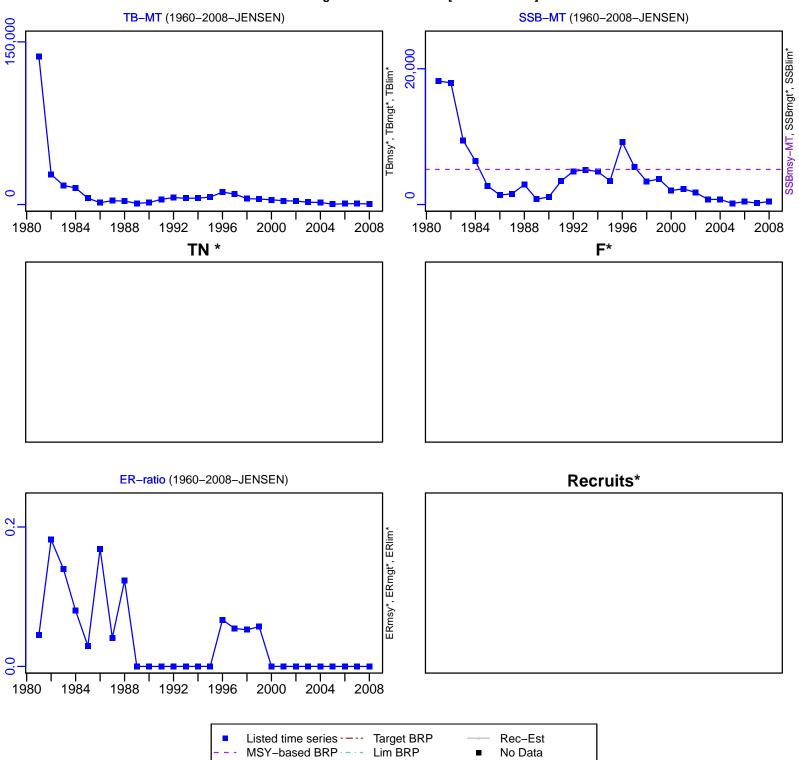
Metadata		
Scientific Name	Paralithodes platypus	
Current Assess ID	AFSC-BKINGCRABPI-1960-2008-JENSEN	
Area	Pribilof Islands	
Management Authority	National Marine Fisheries Service, US national management	
Assessor Alaska Fisheries Science Center		
Asmts in RAM	2008	

Reference Points				
Type	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	SSBmsy-MT	2008	4209	
Fmsy	-	-	-	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	-	-	-	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	-	-	-	
MSY	-	-	-	
М	-	-	-	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2008	594	-	-
SSB	SSB-MT	2008	345	Males	-
TN	-	-	-	-	-
R	-	-	-	-	-
F	-	-	-	-	-
ER	ER-ratio	2008	0	-	-
TC	TC-MT	2008	0		
TL	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	SSB-MT/SSBmsy-MT	2008	0.082		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

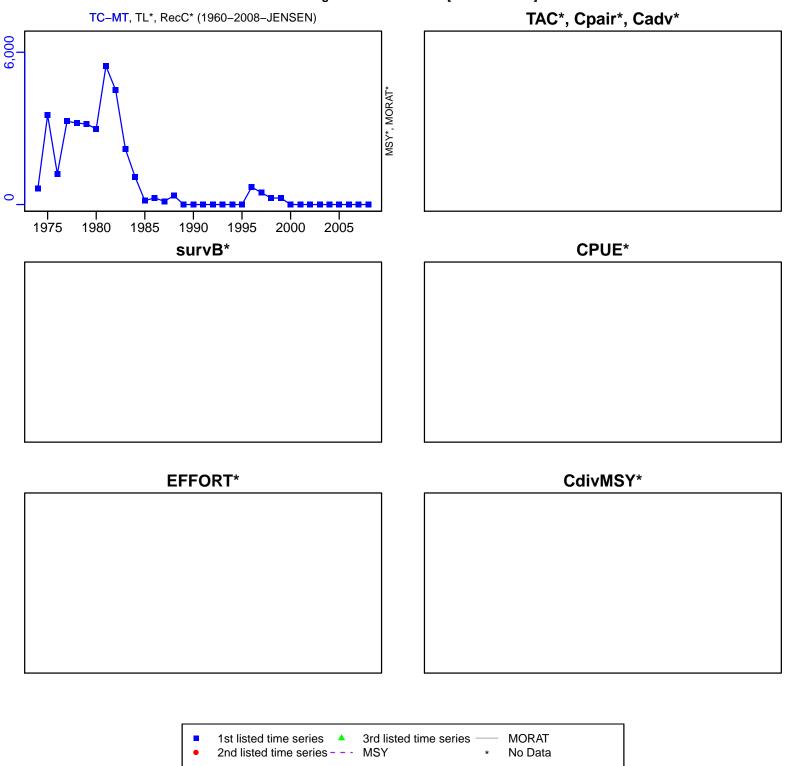


Blue king crab Pribilof Islands [BKINGCRABPI]



No Data

Blue king crab Pribilof Islands [BKINGCRABPI]



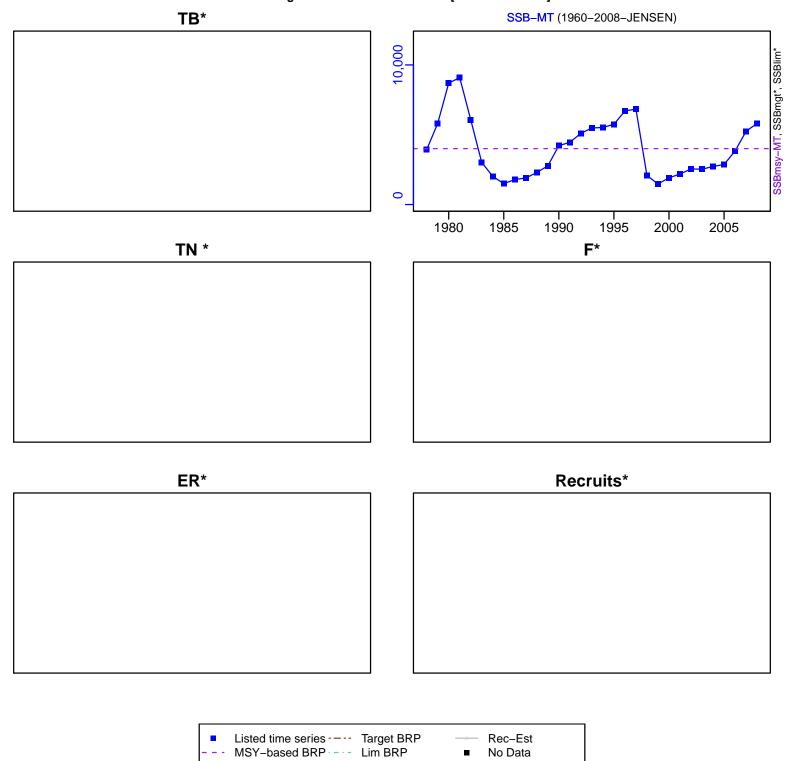
Metadata		
Scientific Name	Paralithodes platypus	
Current Assess ID AFSC-BKINGCRABSMI-1960-2008-JENSEN		
Area Saint Matthews Island		
Management Authority National Marine Fisheries Service, US national managem		
Assessor Alaska Fisheries Science Center		
Asmts in RAM	2008	

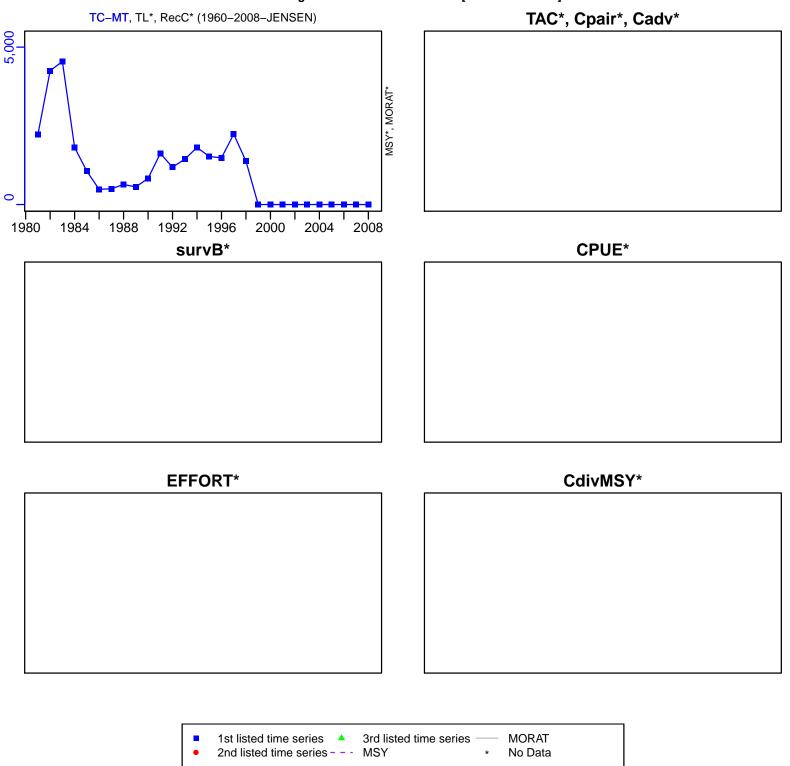
Reference Points					
Туре	ID	Asmt Year	Value		
TBmsy	-	-	-		
SSBmsy	SSBmsy-MT	2008	3351		
Fmsy	Fmsy-pr-1/yr	2008	0.18		
ERmsy	-	-	-		
TBmgt	-	-	-		
SSBmgt	-	-	-		
Fmgt	-	-	-		
ERmgt	-	-	-		
TB0	-	-	-		
SSB0	-	-	-		
MSY	-	-	-		
М	-	-	-		
TBlim	-	-	-		
SSBlim	-	-	-		
Flim	-	-	-		
ERlim	-	-	-		

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	-	-	-	-	-
SSB	SSB-MT	2008	4870	Males	-
TN	-	-	-	-	-
R	-	-	-	-	-
F	-	-	-	-	-
ER	-	-	-	-	-
TC	TC-MT	2008	0		
TL	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	SSB-MT/SSBmsy-MT	2008	1.453		
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



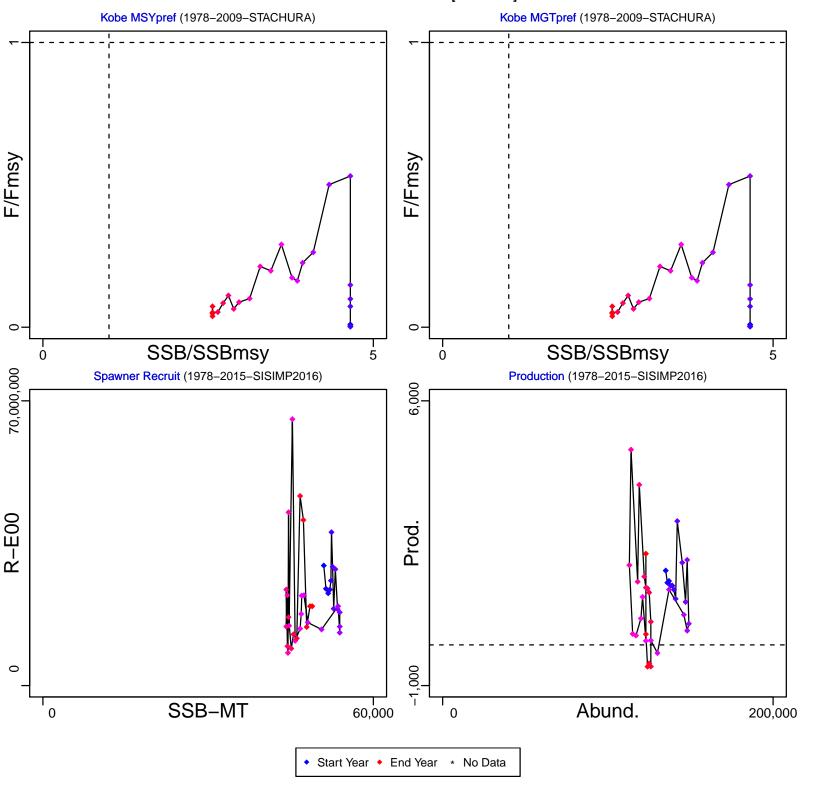


Dover sole Gulf of Alaska [DSOLEGA]

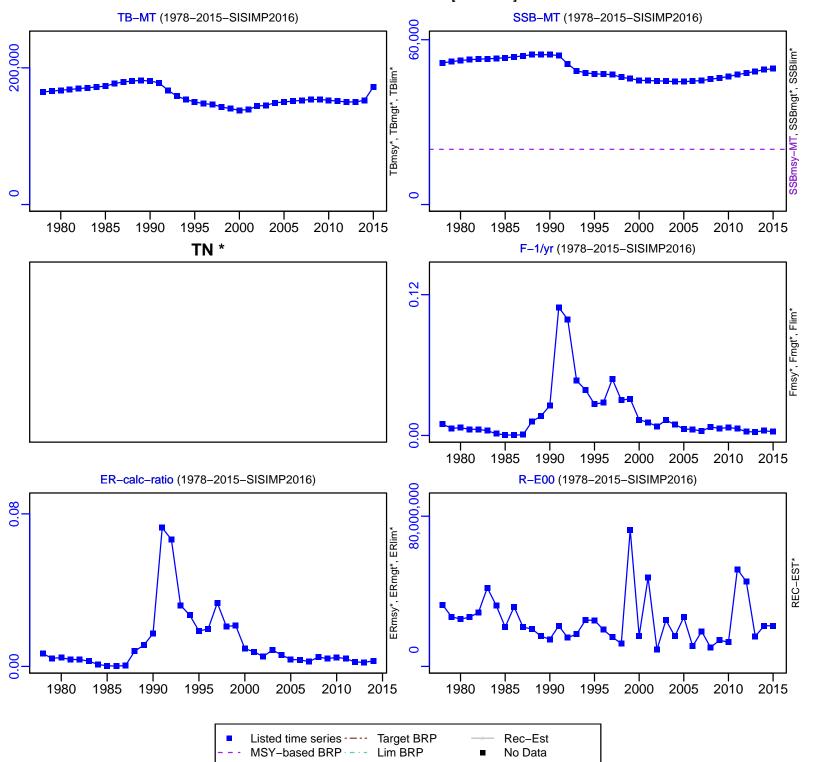
Metadata		
Scientific Name	Microstomus pacificus	
Current Assess ID	AFSC-DSOLEGA-1978-2015-SISIMP2016	
Area	Gulf of Alaska	
Management Authority National Marine Fisheries Service, US national management		
Assessor Alaska Fisheries Science Center		
Asmts in RAM	2009, 2015	

Reference Points				
Туре	ID Asmt Ye		Value	
TBmsy	-	-	-	
SSBmsy	SSBmsy-MT	2015	19,855	
Fmsy	Fmsy-pr-1/yr	2009	0.149	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	-	-	-	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	-	-	-	
MSY	-	-	-	
M	M-1/yr	2009	0.085	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

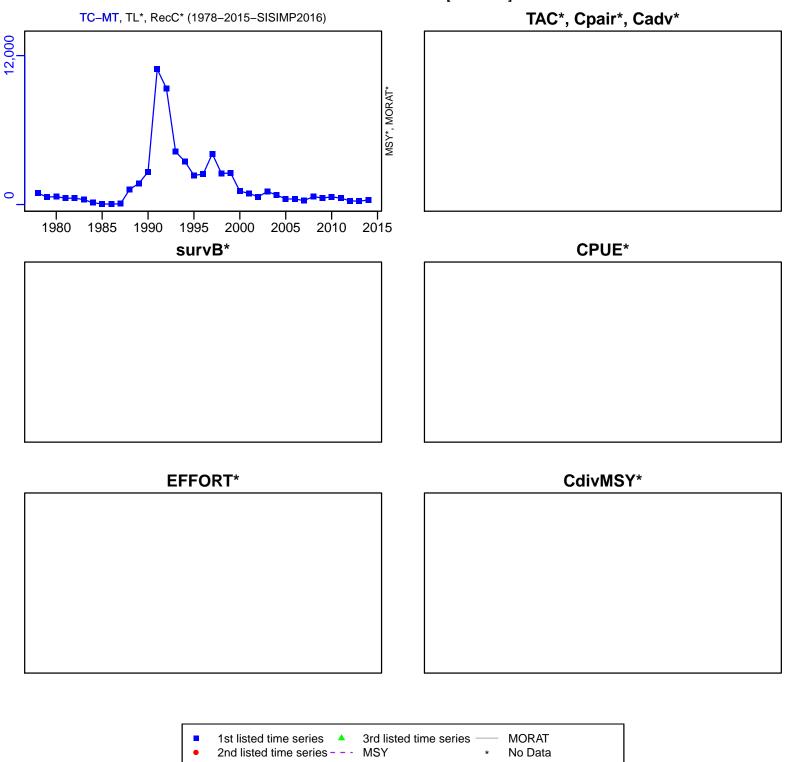
Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2015	141,000	-	0+
SSB	SSB-MT	2015	48,900	Females	12.47+
TN	-	-	-	-	-
R	R-E00	2015	19,500,000	-	0
F	F-1/yr	2015	0.003	-	-
ER	ER-calc-ratio	2015	0.003	-	-
TC	TC-MT	2015	324		
TL	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	SSB-MT/SSBmsy-MT	2015	2.464		
F/Fmsy	F-1/yr/Fmsy-pr-1/yr	2009	0.048		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		



Dover sole Gulf of Alaska [DSOLEGA]



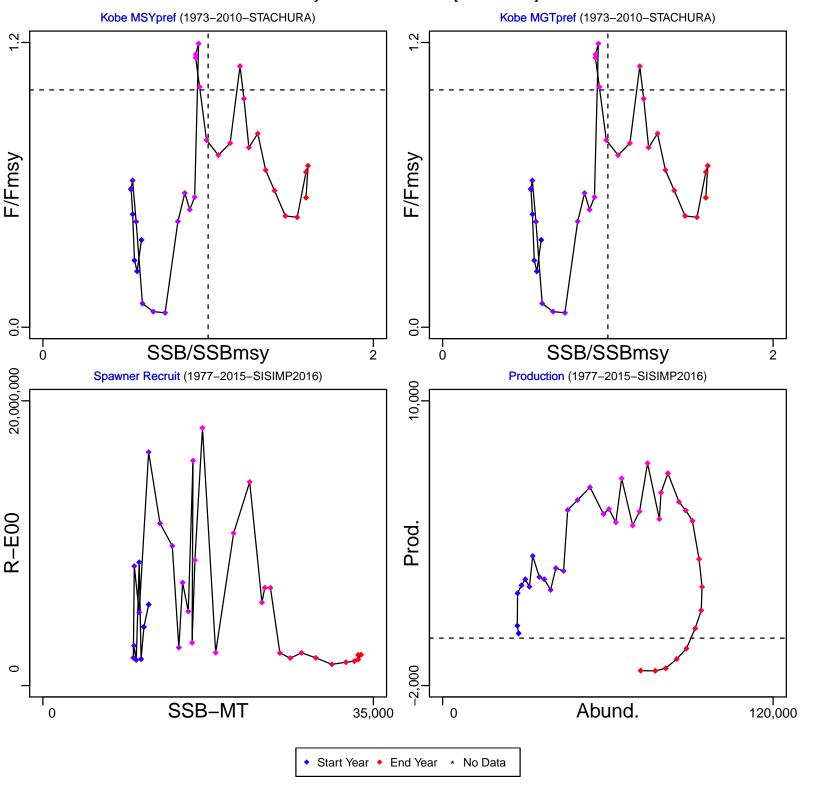
Dover sole Gulf of Alaska [DSOLEGA]

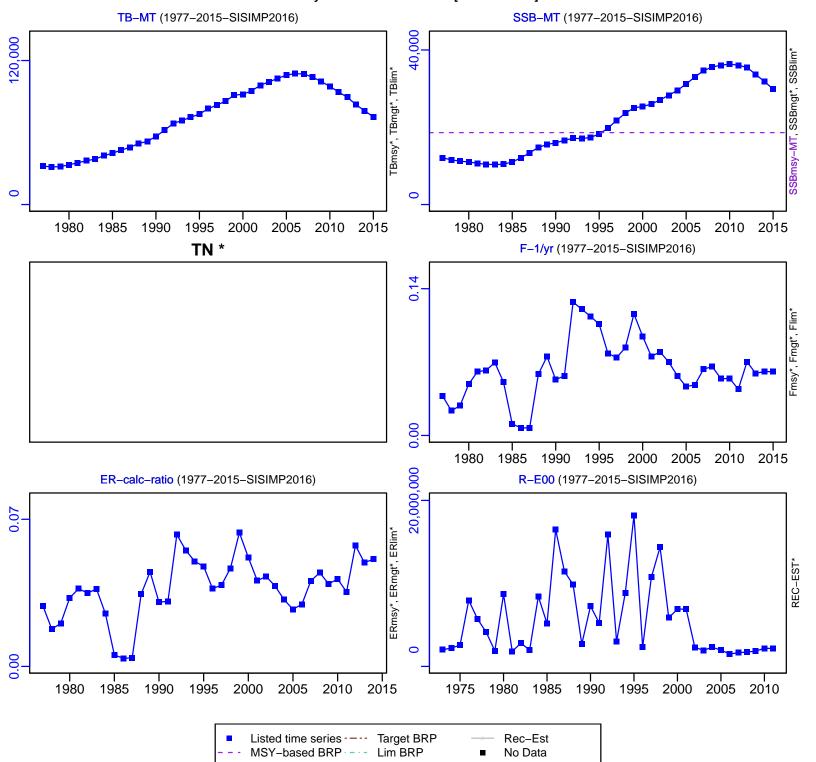


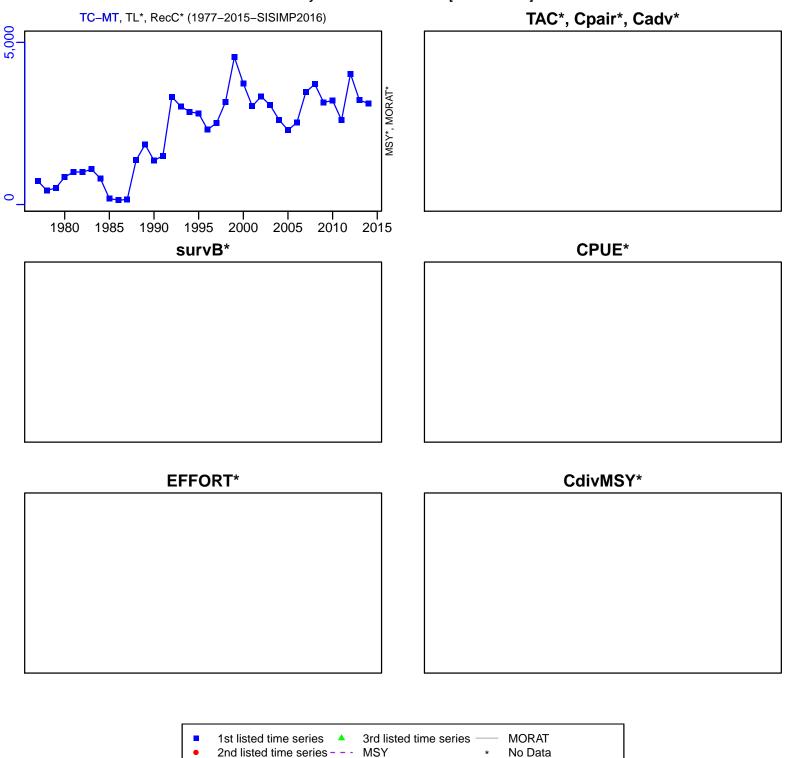
Metadata			
Scientific Name	Sebastes variabilis		
Current Assess ID	AFSC-DUSROCKGA-1977-2015-SISIMP2016		
Area Gulf of Alaska			
Management Authority National Marine Fisheries Service, US national management			
Assessor	Alaska Fisheries Science Center		
Asmts in RAM	2010, 2015		

Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	SSBmsy-MT	2015	17,244	
Fmsy	Fmsy-1/yr	2010	0.087	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	-	-	-	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	-	-	-	
MSY	-	-	-	
М	M-1/yr	2010	0.07	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2015	63,100	-	4+
SSB	SSB-MT	2015	27,700	Females	-
TN	-	-	-	-	-
R	R-E00	2015	2,150,000	-	4
F	F-1/yr	2015	0.054	-	-
ER	ER-calc-ratio	2015	0.045	-	-
TC	TC-MT	2015	3030		
TL	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	SSB-MT/SSBmsy-MT	2015	1.605		
F/Fmsy	F-1/yr/Fmsy-1/yr	2010	0.546		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		



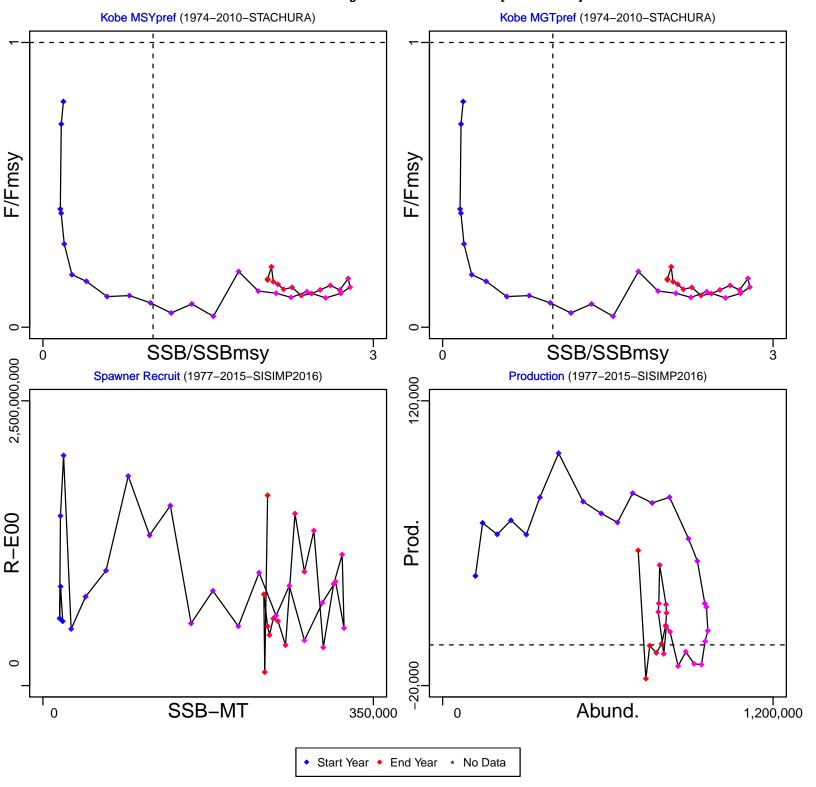


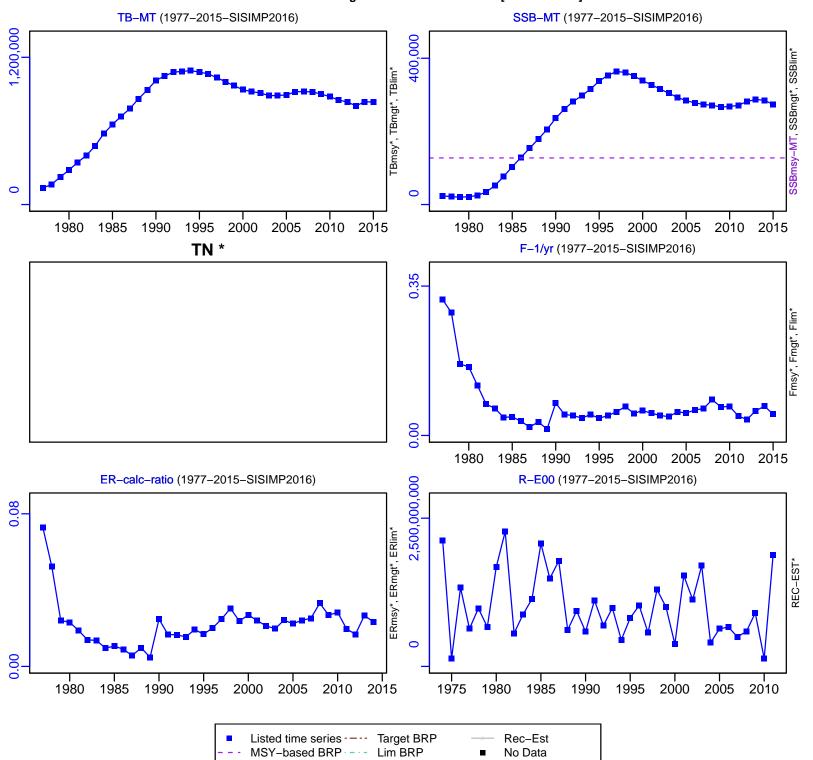


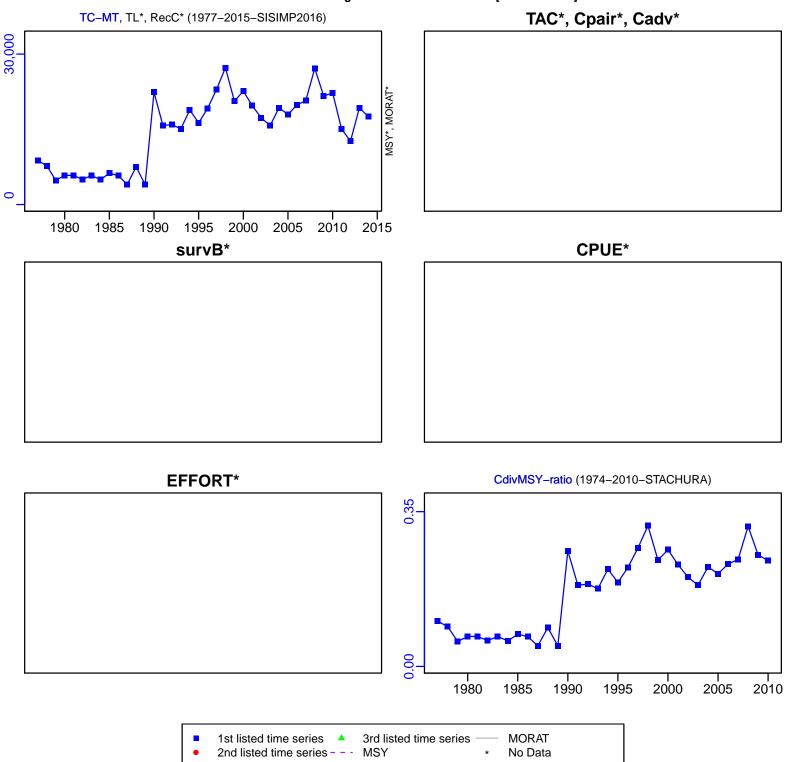
Metadata			
Scientific Name	Hippoglossoides elassodon		
Current Assess ID	AFSC-FLSOLEBSAI-1977-2015-SISIMP2016		
Area Bering Sea and Aleutian Islands			
Management Authority National Marine Fisheries Service, US national management			
Assessor	Alaska Fisheries Science Center		
Asmts in RAM	2010, 2015		

Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	SSBmsy-MT	2015	111,722	
Fmsy	Fmsy-pr-1/yr	2010	0.342	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	-	-	-	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	SSB0-MT	2010	336,027	
MSY	MSY-MT	2010	83,321	
М	M-1/yr	2010	0.2	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2015	738,000	-	3+
SSB	SSB-MT	2015	240,000	Females	9.7+
TN	-	-	-	-	-
R	R-E00	2015	1.67×10^{9}	-	3
F	F-1/yr	2015	0.045	-	-
ER	ER-calc-ratio	2015	0.021	-	-
TC	TC-MT	2015	15,800		
TL	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	SSB-MT/SSBmsy-MT	2015	2.152		
F/Fmsy	F-1/yr/Fmsy-pr-1/yr	2010	0.166		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		





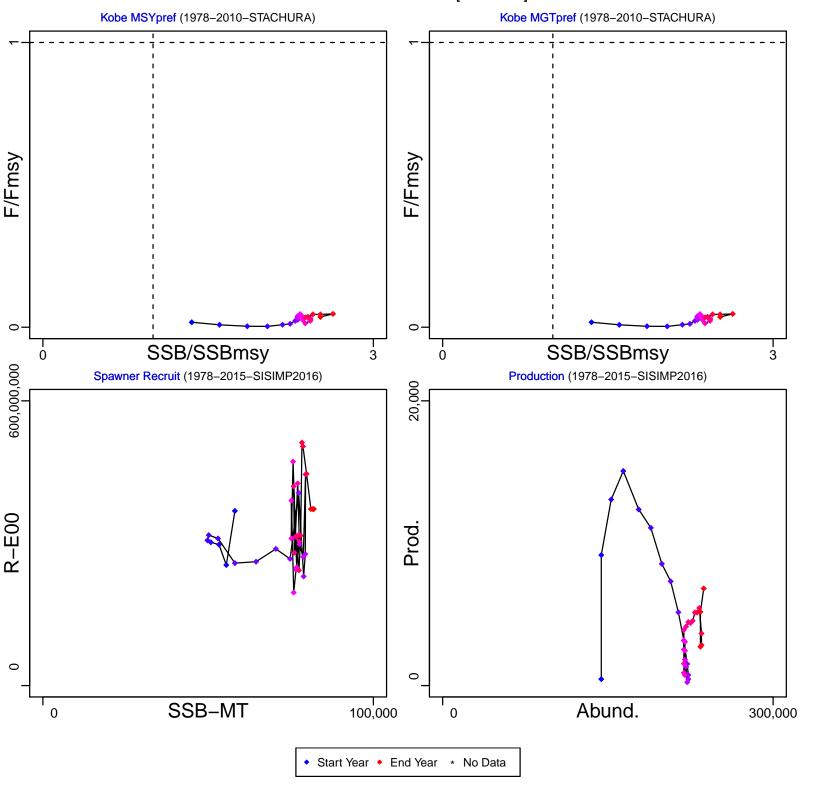


Flathead sole Gulf of Alaska [FLSOLEGA]

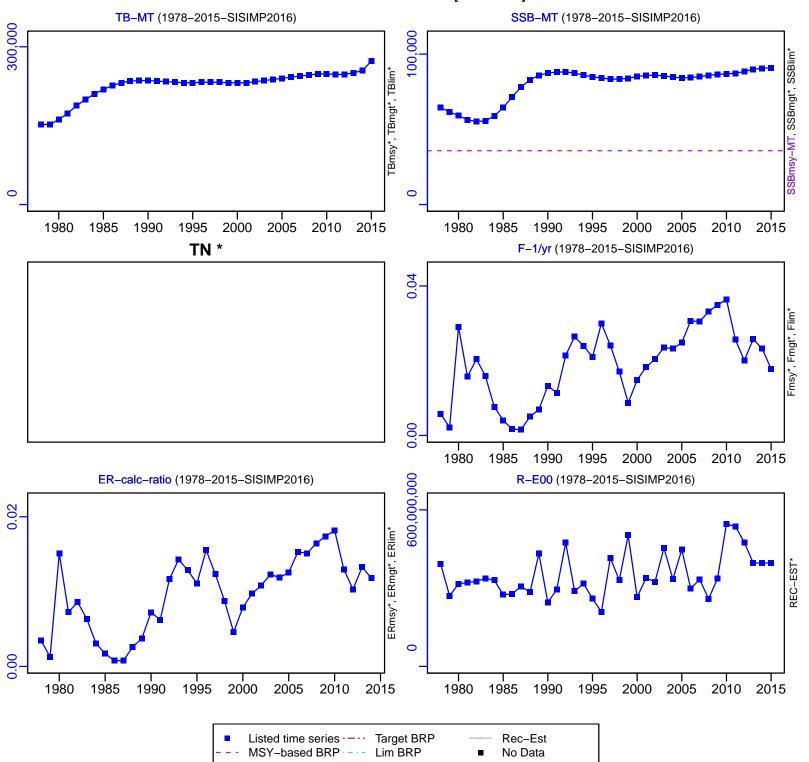
Metadata			
Scientific Name	Hippoglossoides elassodon		
Current Assess ID AFSC-FLSOLEGA-1978-2015-SISIMP2016			
Area Gulf of Alaska			
Management Authority	National Marine Fisheries Service, US national management		
Assessor Alaska Fisheries Science Center			
Asmts in RAM	2010, 2015		

Reference Points				
Type	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	SSBmsy-MT	2015	32,258	
Fmsy	Fmsy-pr-1/yr	2010	0.481	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	-	-	-	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	-	-	-	
MSY	-	-	-	
M	M-1/yr	2010	0.2	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

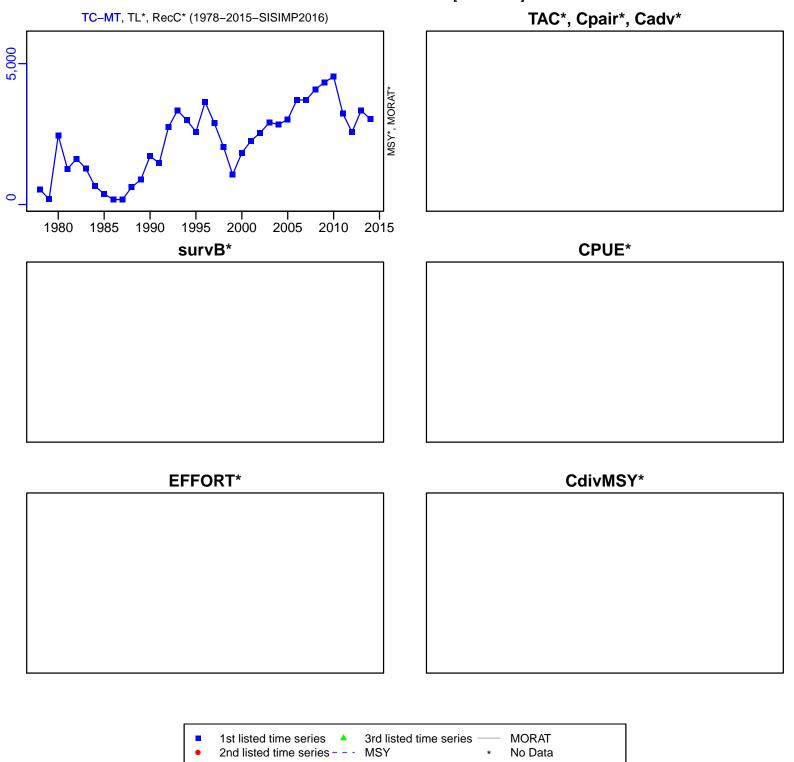
	Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age	
ТВ	TB-MT	2015	258,000	-	3+	
SSB	SSB-MT	2015	82,000	Females	8.7+	
TN	-	-	-	-	-	
R	R-E00	2015	3.72×10^{8}	-	0	
F	F-1/yr	2015	0.016	-	-	
ER	ER-calc-ratio	2015	0.011	-	-	
TC	TC-MT	2015	2560			
TL	-	-	-			
TB/TBmsy	-	-	-			
SSB/SSBmsy	SSB-MT/SSBmsy-MT	2015	2.542			
F/Fmsy	F-1/yr/Fmsy-pr-1/yr	2010	0.036			
ER/ERmsy	-	-	-			
TB/TBmgt	•	-	-			
SSB/SSBmgt	•	-	-			
F/Fmgt	-	-	-			
ER/ERmgt	-	-	-			



Flathead sole Gulf of Alaska [FLSOLEGA]



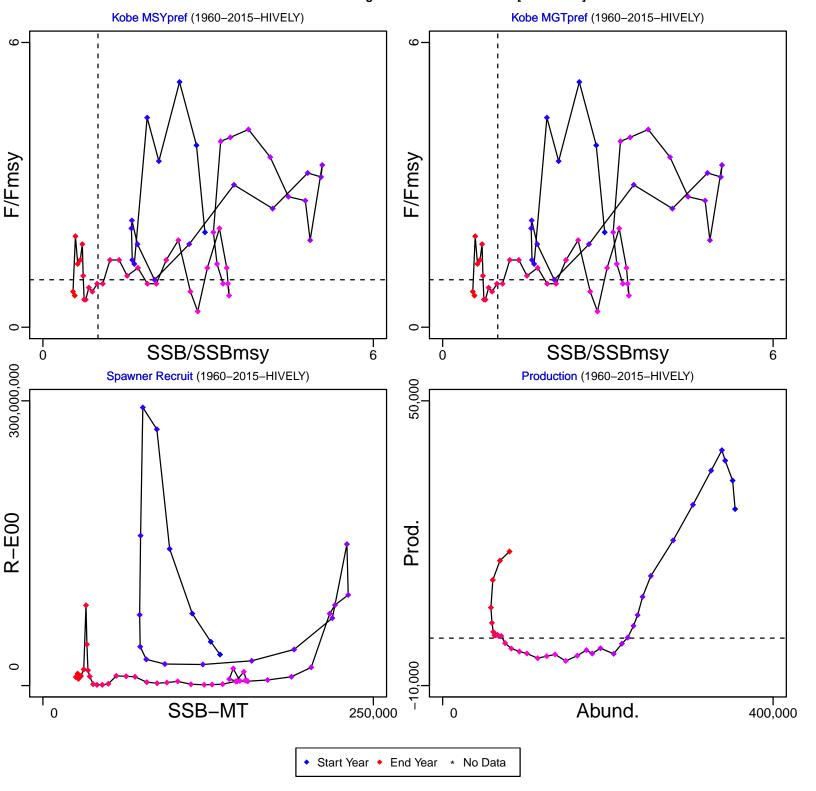
Flathead sole Gulf of Alaska [FLSOLEGA]

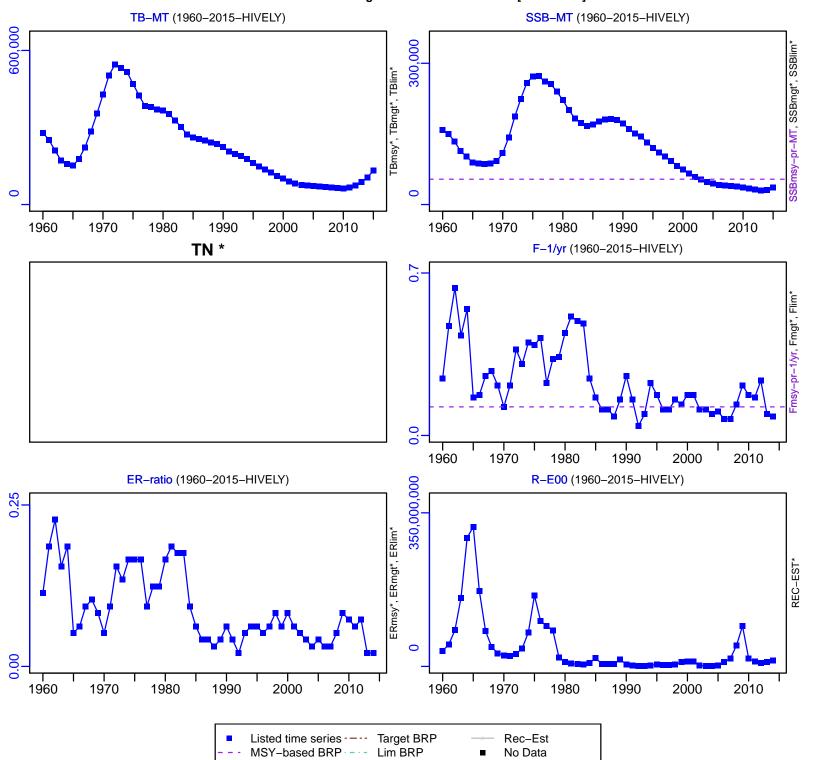


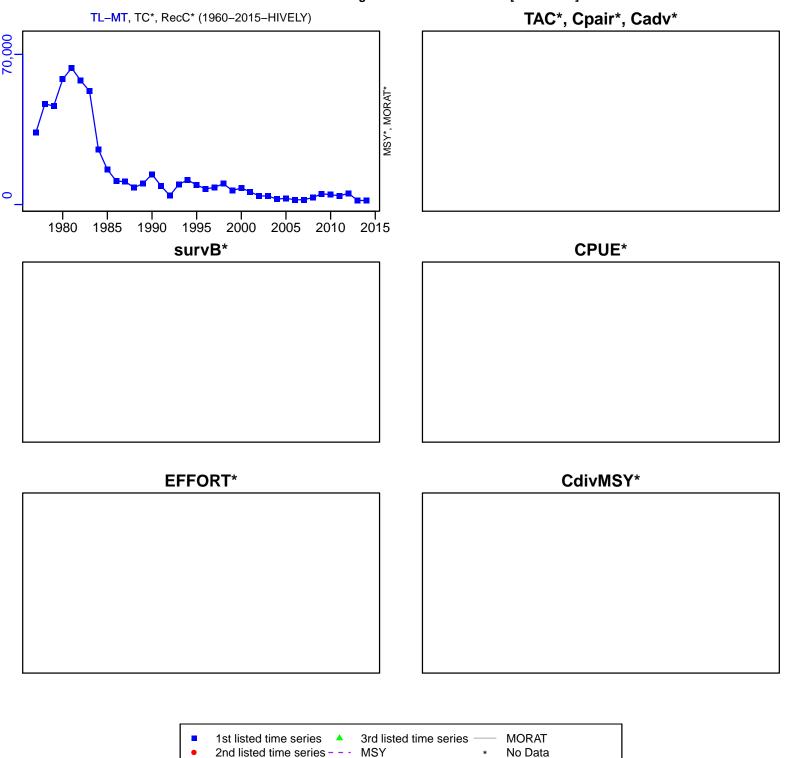
Metadata			
Scientific Name	Reinhardtius hippoglossoides		
Current Assess ID	AFSC-GHALBSAI-1960-2015-HIVELY		
Area Bering Sea and Aleutian Islands			
Management Authority	National Marine Fisheries Service, US national management		
Assessor	Alaska Fisheries Science Center		
Asmts in RAM	2015		

Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	SSBmsy-pr-MT	2015	45,543	
Fmsy	Fmsy-pr-1/yr	2015	0.12	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	-	-	-	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	-	-	-	
MSY	-	-	-	
М	M-1/yr	2015	0.11	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2015	122,000	-	1+
SSB	SSB-MT	2015	30,900	Females	-
TN	-	-	-	-	-
R	R-E00	2015	12,600,000	-	0
F	F-1/yr	2015	0.08	-	-
ER	ER-ratio	2015	0.02	-	-
TC	-	-	-		
TL	TL-MT	2015	1650		
TB/TBmsy	-	-	-		
SSB/SSBmsy	SSB-MT/SSBmsy-pr-MT	2015	0.678		
F/Fmsy	F-1/yr/Fmsy-pr-1/yr	2015	0.667		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		







Giant Pacific octopus Bering Sea and Aleutian Islands [GPOCTOBSAI]

Metadata			
Scientific Name Enteroctopus dofleini			
Current Assess ID	AFSC-GPOCTOBSAI-1997-2014-SISIMP2016		
Area Bering Sea and Aleutian Islands			
Management Authority National Marine Fisheries Service, US national management			
Assessor	Alaska Fisheries Science Center		
Asmts in RAM	2014		

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

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	-	-	-	-	-
SSB	-	-	-	-	-
TN	-	-	-	-	-
R	-	-	-	-	-
F	-	-	-	-	-
ER	-	-	-	-	-
TC	TC-MT	2014	422		
TL	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

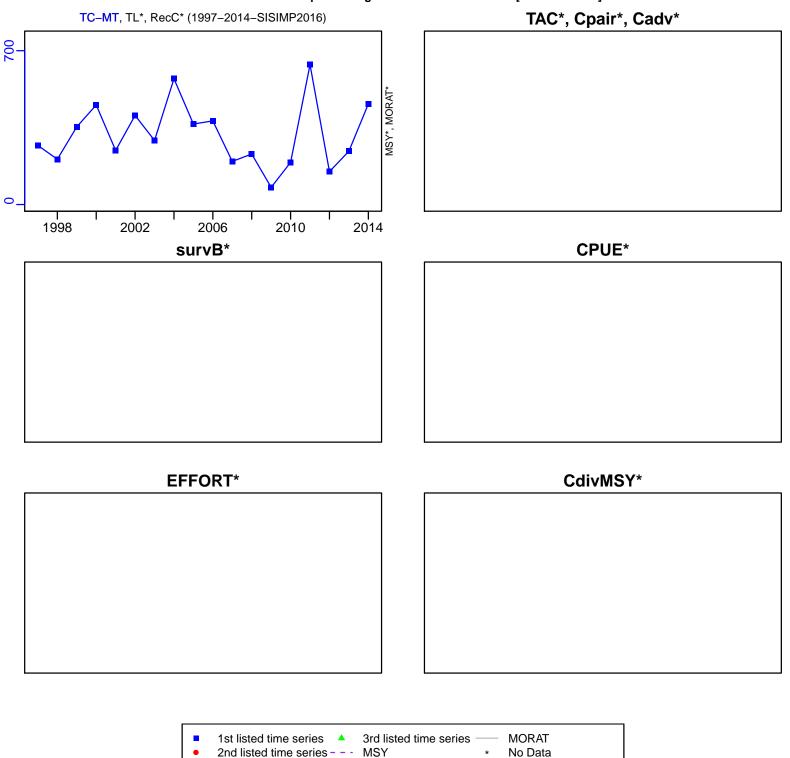
Kobe MSY*	Kobe MGT*
	l
Spawner Recruit*	Production*

◆ Start Year ◆ End Year * No Data

Giant Pacific octopus Bering Sea and Aleutian Islands [GPOCTOBSAI]

TB*	SSB*
TN *	F*
ED*	De evvite*
ER*	Recruits*
	I L
■ Listed time series Ta	arget BRP — Rec-Est
Listed time series Ta	im BRP ■ No Data

Giant Pacific octopus Bering Sea and Aleutian Islands [GPOCTOBSAI]

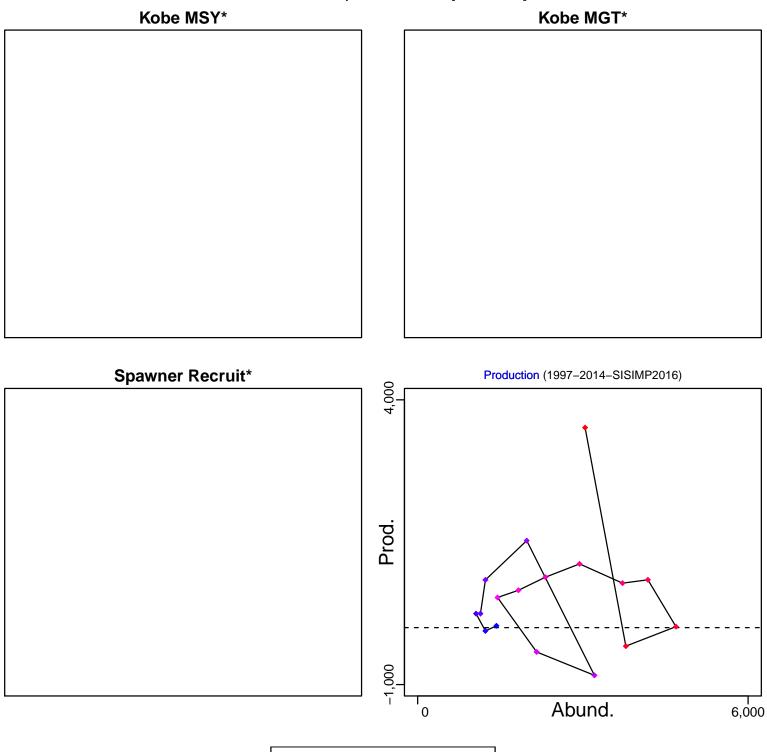


Giant Pacific octopus Gulf of Alaska [GPOCTOGA]

Metadata			
Scientific Name Enteroctopus dofleini			
Current Assess ID	AFSC-GPOCTOGA-1997-2014-SISIMP2016		
Area Gulf of Alaska			
Management Authority National Marine Fisheries Service, US national managemen			
Assessor	Alaska Fisheries Science Center		
Asmts in RAM	2014		

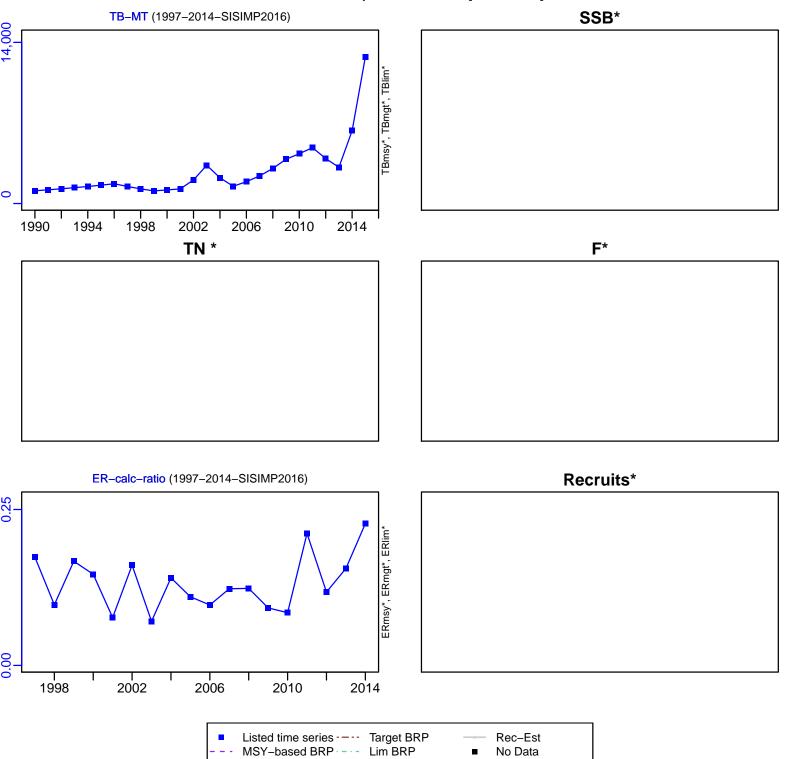
Reference Points			
Туре	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	-	-	-
Fmsy	-	-	-
ERmsy	-	-	-
TBmgt	-	-	-
SSBmgt	-	-	-
Fmgt	-	-	-
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	-	-	-
M	-	-	-
TBlim	-	-	-
SSBlim	-	-	-
Flim	-	-	-
ERlim	-	-	-

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2014	12,300	-	-
SSB	-	-	-	-	-
TN	-	-	-	-	-
R	-	-	-	-	-
F	-	-	-	-	-
ER	ER-calc-ratio	2014	0.212	-	-
TC	TC-MT	2014	1300		
TL	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		



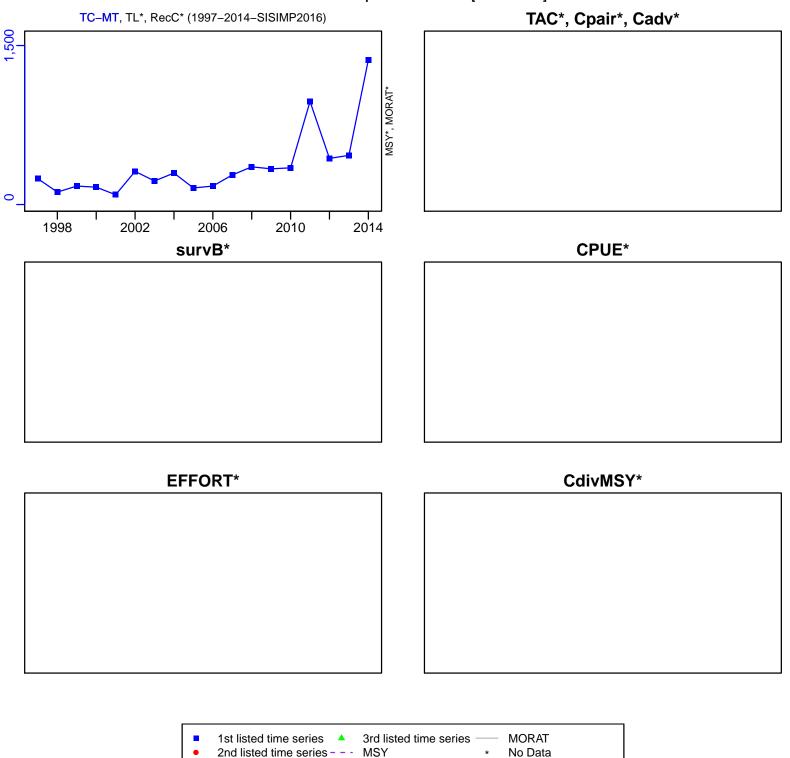
Start Year → End Year → No Data

Giant Pacific octopus Gulf of Alaska [GPOCTOGA]



No Data

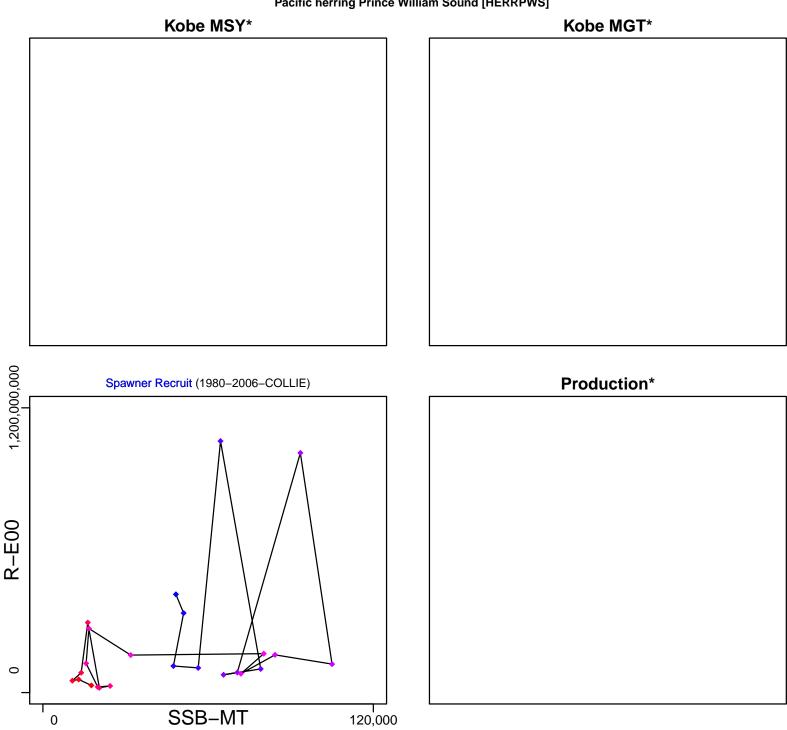
Giant Pacific octopus Gulf of Alaska [GPOCTOGA]



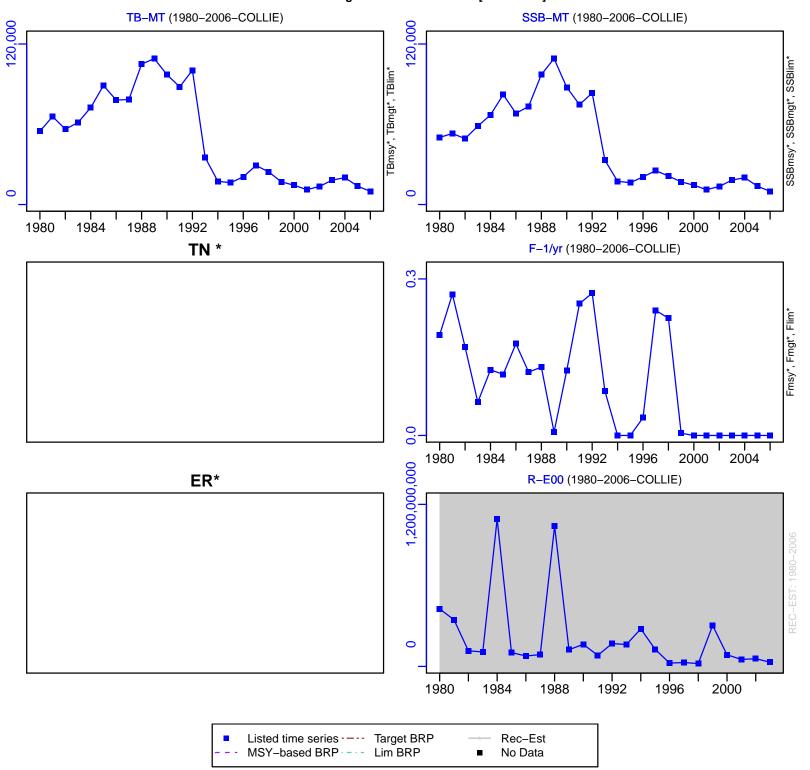
Metadata		
Scientific Name	Clupea pallasii	
Current Assess ID	ADFG-HERRPWS-1980-2006-COLLIE	
Area Prince William Sound		
Management Authority State of Alaska		
Assessor	Alaska Department of Fish and Game	
Asmts in RAM	2006	

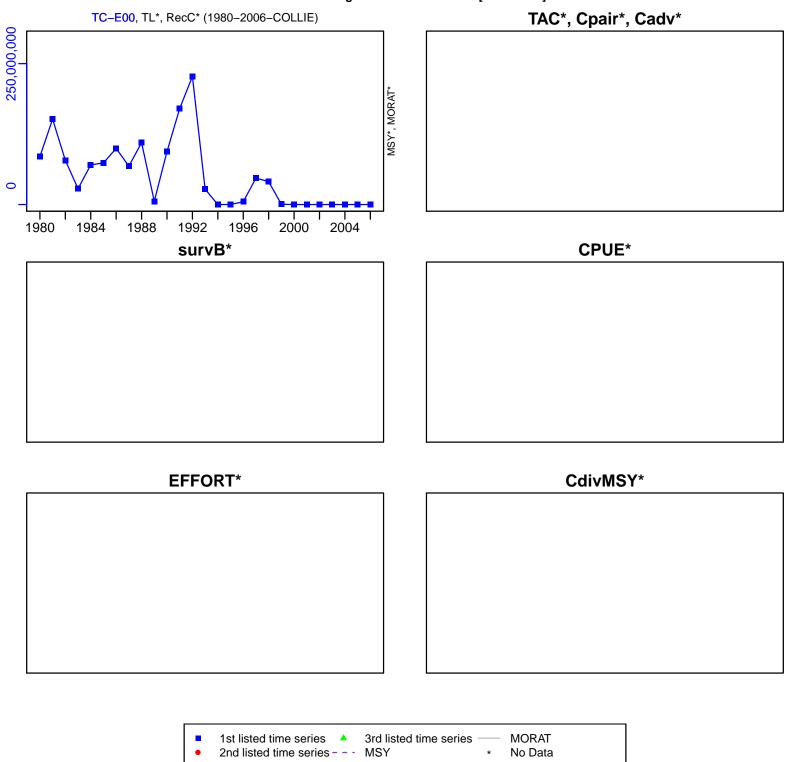
	Reference Points				
Туре	ID	Asmt Year	Value		
TBmsy	-	-	-		
SSBmsy	-	-	-		
Fmsy	-	-	-		
ERmsy	-	-	-		
TBmgt	-	-	-		
SSBmgt	-	-	-		
Fmgt	-	-	-		
ERmgt	-	-	-		
TB0	-	-	-		
SSB0	-	-	-		
MSY	-	-	-		
M	M-1/yr	2006	0.25		
TBlim	-	-	-		
SSBlim	-	-	-		
Flim	-	-	-		
ERlim	-	-	-		

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2006	9500	-	3+
SSB	SSB-MT	2006	9500	Both	3+
TN	-	-	-	-	-
R	R-E00	2006	30,300,000	-	3
F	F-1/yr	2006	0	Both	3+
ER	-	-	-	-	-
TC	TC-E00	2006	0		
TL	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	•	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		



Start Year ◆ End Year * No Data



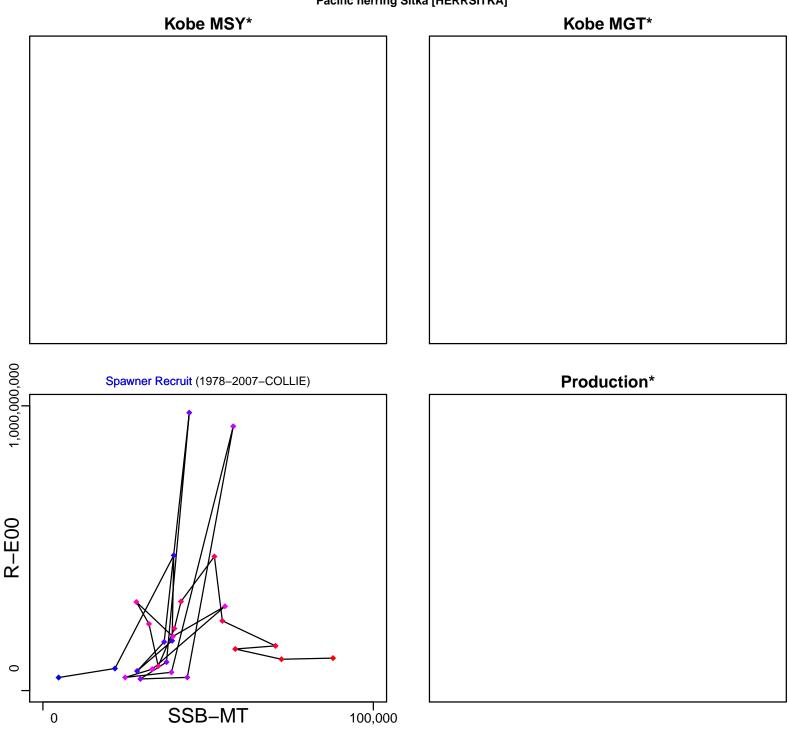


Pacific herring Sitka [HERRSITKA]

Metadata		
Scientific Name	Clupea pallasii	
Current Assess ID	ADFG-HERRSITKA-1978-2007-COLLIE	
Area Sitka		
Management Authority State of Alaska		
Assessor	Alaska Department of Fish and Game	
Asmts in RAM	2007	

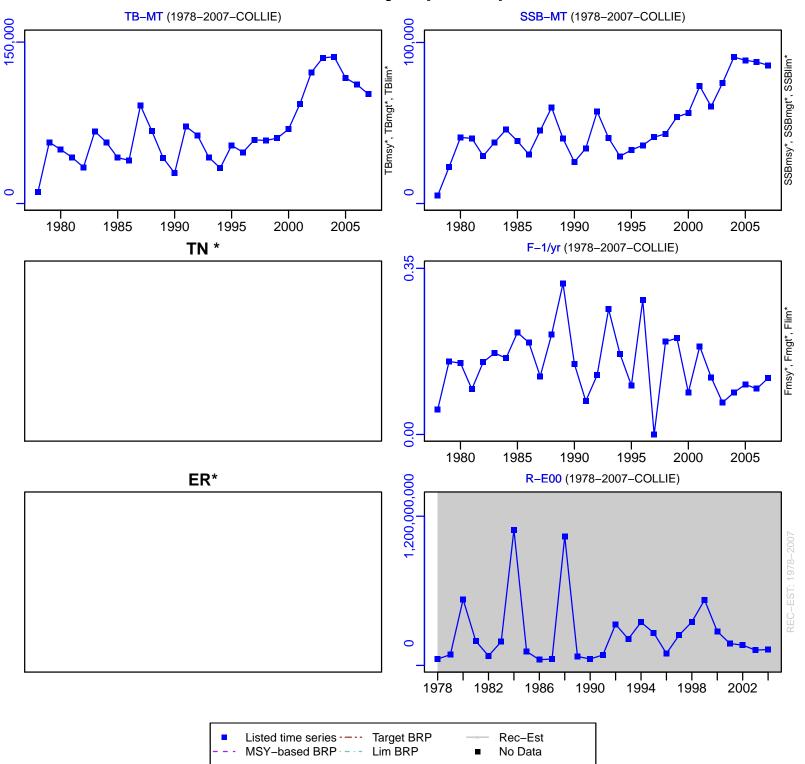
Reference Points				
Туре	ID	Asmt Year	ar Value	
TBmsy	-	-	-	
SSBmsy	-	-	-	
Fmsy	-	-	-	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	-	-	-	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	-	-	-	
MSY	-	-	-	
M	M-1/yr	2007	0.2	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2007	98,400	-	3+
SSB	SSB-MT	2007	82,900	Both	3+
TN	-	-	-	-	-
R	R-E00	2007	1.14×10^{8}	-	3
F	F-1/yr	2007	0.118	Both	3+
ER	-	-	-	-	-
TC	TC-E00	2007	69,600,000		
TL	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	•	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

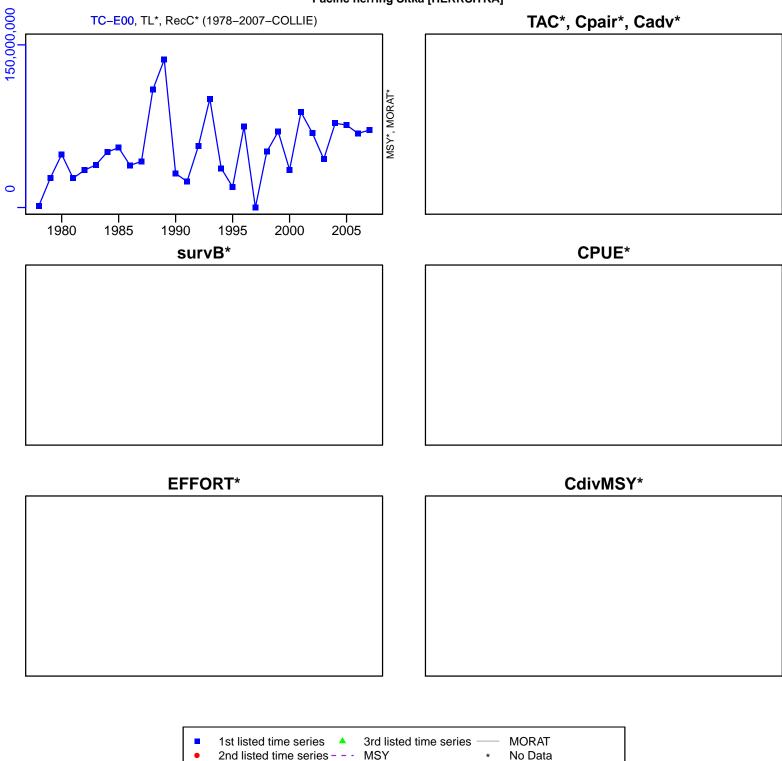


Start Year • End Year * No Data

Pacific herring Sitka [HERRSITKA]



Pacific herring Sitka [HERRSITKA]

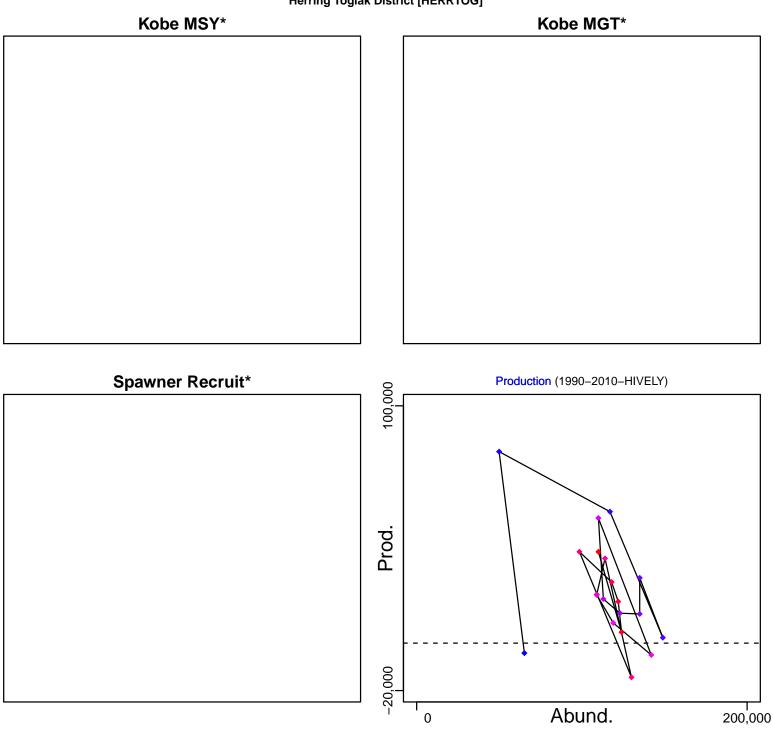


Herring Togiak District [HERRTOG]

Metadata			
Scientific Name Clupea pallasii			
Current Assess ID	ADFG-HERRTOG-1990-2010-HIVELY		
Area	Togiak District		
Management Authority	State of Alaska		
Assessor	Alaska Department of Fish and Game		
Asmts in RAM	2010		

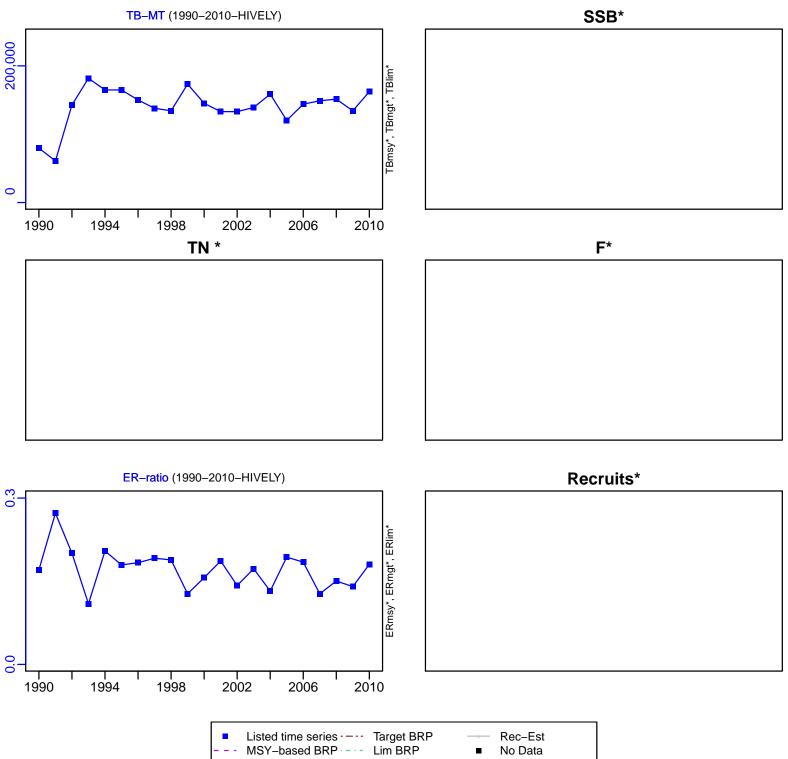
Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	-	-	-	
Fmsy	-	-	-	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	-	-	-	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	-	-	-	
MSY	-	-	-	
M	-	-	-	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2010	133,000	-	-
SSB	-	-	-	-	-
TN	-	-	-	-	-
R	-	-	-	-	-
F	-	-	-	-	-
ER	ER-ratio	2010	0.18	-	-
TC	TC-MT	2010	23,900		
TL	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		



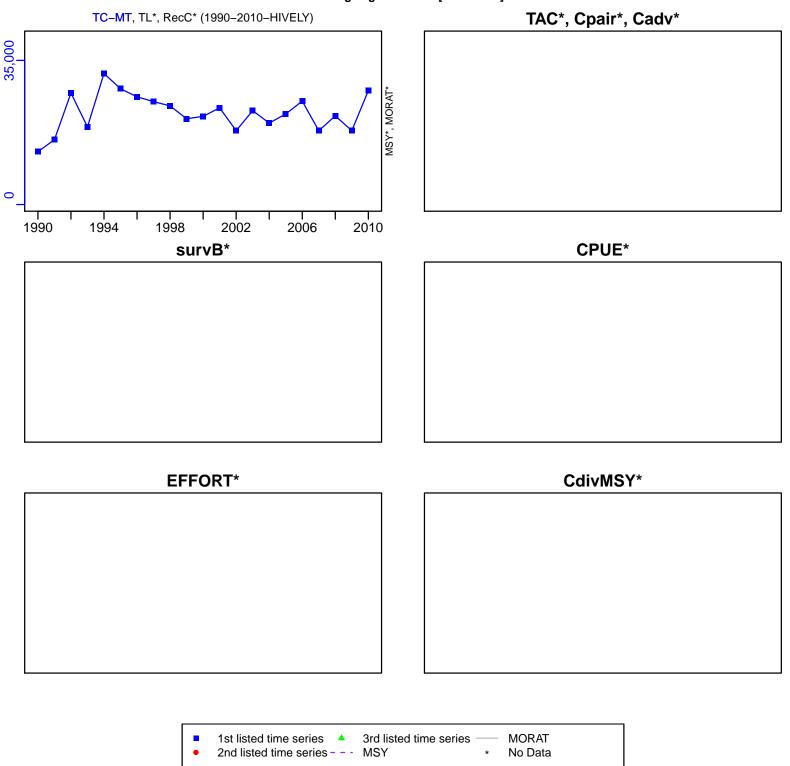
Start Year → End Year → No Data

Herring Togiak District [HERRTOG]



No Data

Herring Togiak District [HERRTOG]

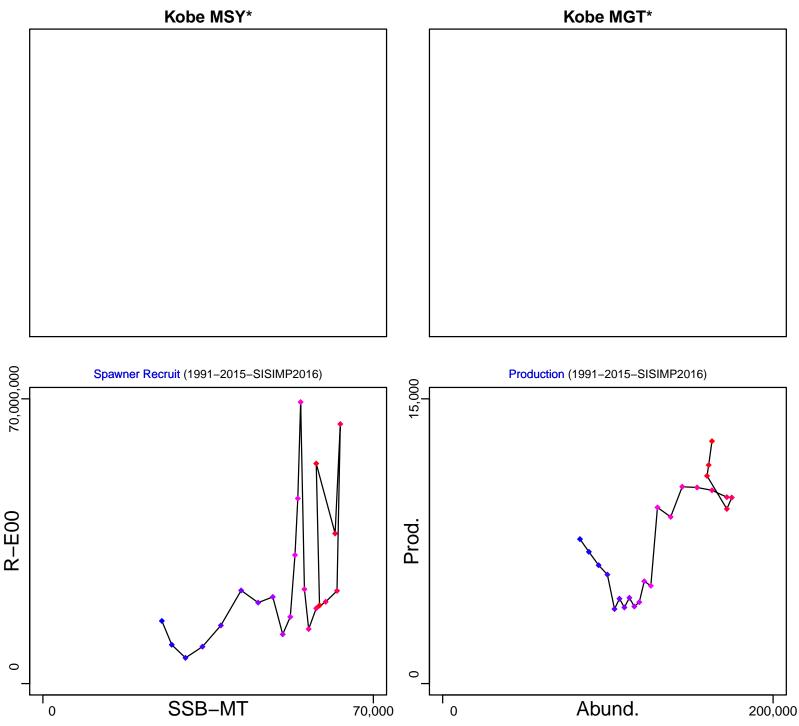


Kamchatka flounder Bering Sea and Aleutian Islands [KMFLOUNBSAI]

Metadata			
Scientific Name	Atheresthes evermanni		
Current Assess ID AFSC-KMFLOUNBSAI-1991-2015-SISIMP2016			
Area Bering Sea and Aleutian Islands			
Management Authority National Marine Fisheries Service, US national managem			
Assessor	Alaska Fisheries Science Center		
Asmts in RAM	2015		

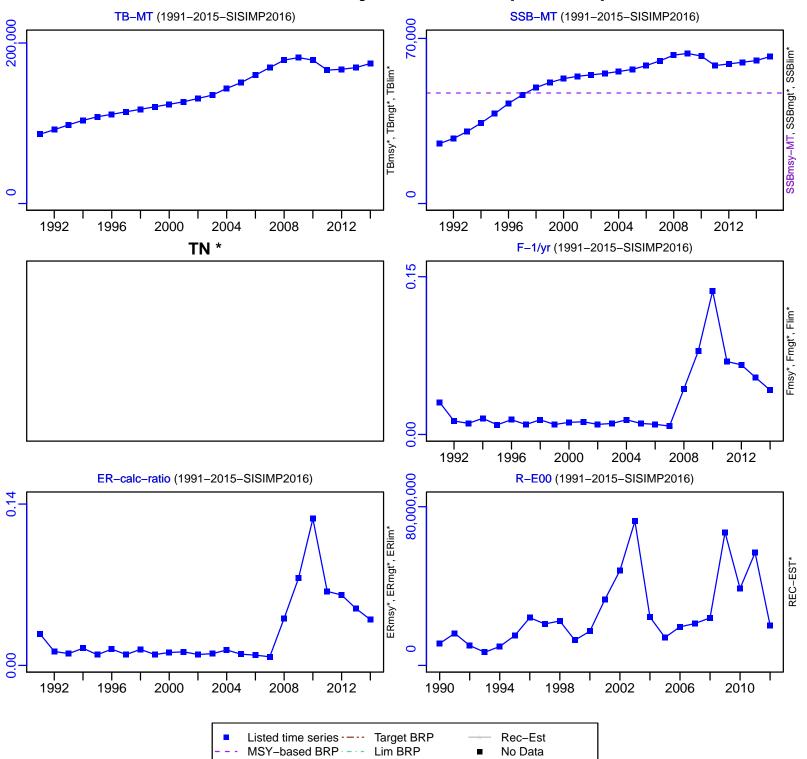
Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	SSBmsy-MT	2015	46,400	
Fmsy	-	-	-	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	-	-	-	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	-	-	-	
MSY	-	-	-	
M	-	-	-	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

	Time Series				
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2015	168,000	Both	2+
SSB	SSB-MT	2015	61,700	Females	10+
TN	-	-	-	-	-
R	R-E00	2015	19,200,000	-	1
F	F-1/yr	2015	0.04	-	-
ER	ER-calc-ratio	2015	0.038	-	-
TC	TC-MT	2015	6460		
TL	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	SSB-MT/SSBmsy-MT	2015	1.33		
F/Fmsy	-	-	-		
ER/ERmsy	•	-	-		
TB/TBmgt	•	-	-		
SSB/SSBmgt	•	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

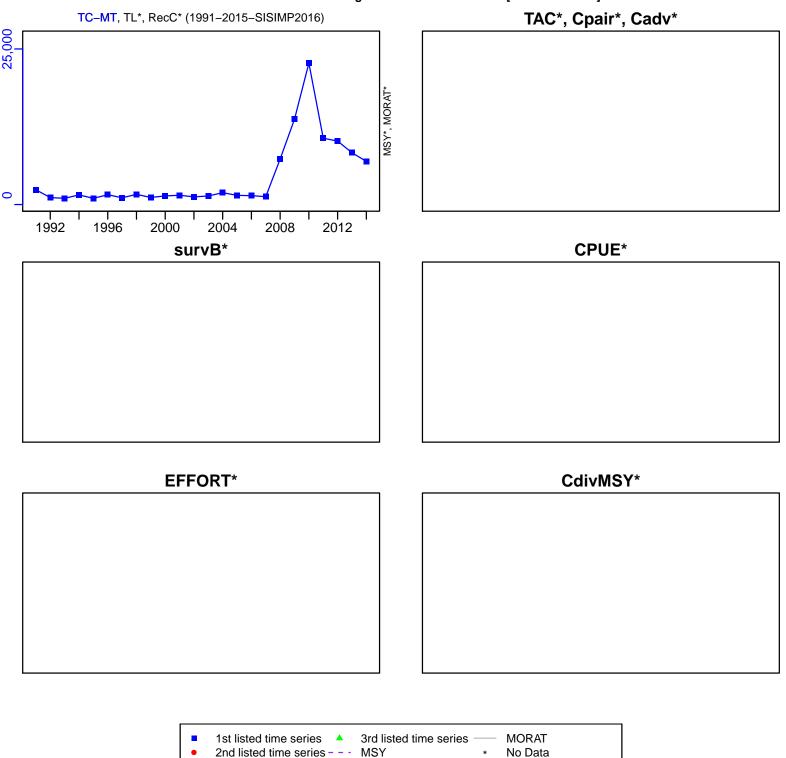


Start Year → End Year → No Data

Kamchatka flounder Bering Sea and Aleutian Islands [KMFLOUNBSAI]



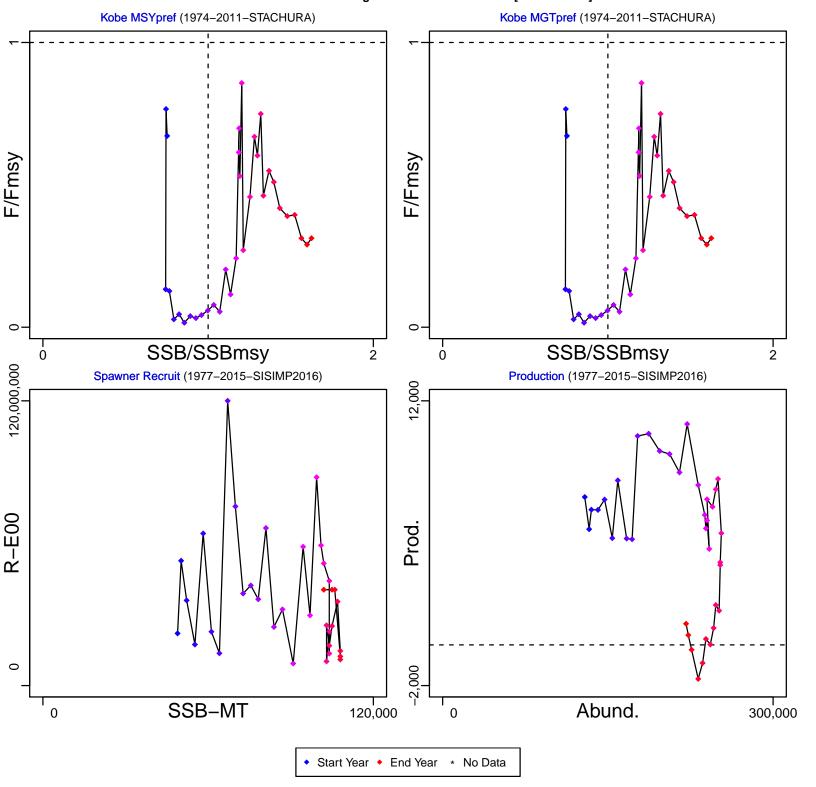
Kamchatka flounder Bering Sea and Aleutian Islands [KMFLOUNBSAI]

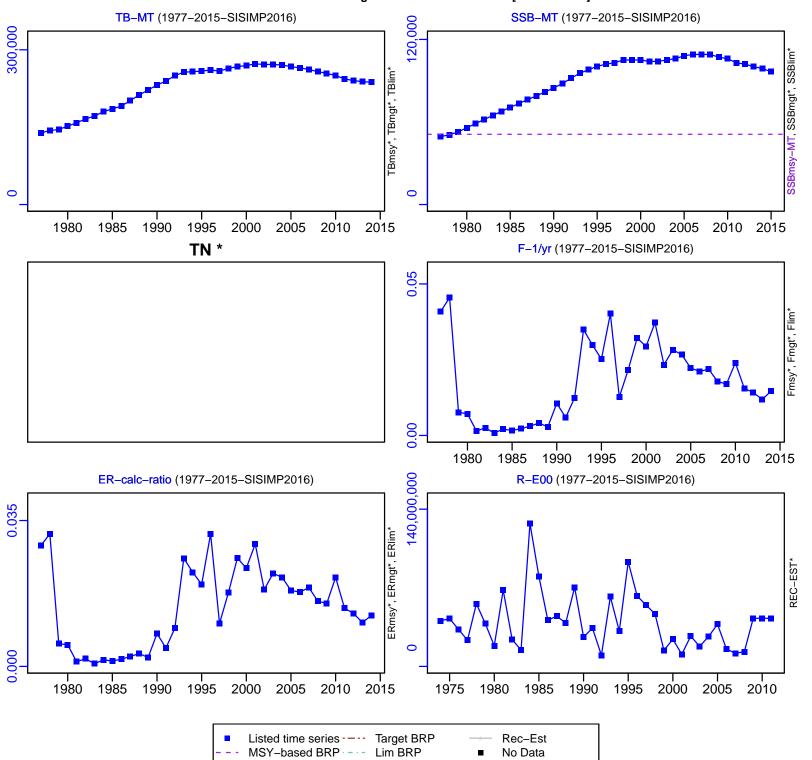


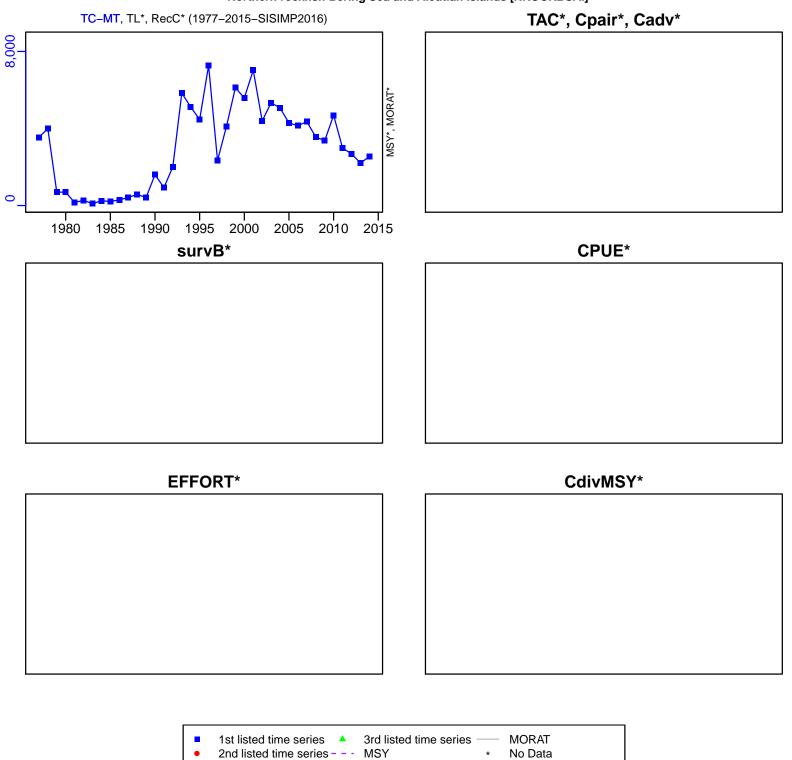
Metadata			
Scientific Name	Sebastes polyspinis		
Current Assess ID	AFSC-NROCKBSAI-1977-2015-SISIMP2016		
Area Bering Sea and Aleutian Islands			
Management Authority National Marine Fisheries Service, US national management			
Assessor Alaska Fisheries Science Center			
Asmts in RAM	2011, 2015		

Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	SSBmsy-MT	2015	50,547	
Fmsy	Fmsy-pr-1/yr	2011	0.071	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	-	-	-	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	-	-	-	
MSY	-	-	-	
M	M-1/yr	2011	0.043	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

	Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age	
ТВ	TB-MT	2015	220,000	-	3+	
SSB	SSB-MT	2015	95,600	Females	8.2+	
TN	-	-	-	-	-	
R	R-E00	2015	40,400,000	-	3	
F	F-1/yr	2015	0.013	-	-	
ER	ER-calc-ratio	2015	0.011	-	-	
TC	TC-MT	2015	2340			
TL	-	-	-			
TB/TBmsy	-	-	-			
SSB/SSBmsy	SSB-MT/SSBmsy-MT	2015	1.891			
F/Fmsy	F-1/yr/Fmsy-pr-1/yr	2011	0.313			
ER/ERmsy	-	-	-			
TB/TBmgt	-	-	-			
SSB/SSBmgt	-	-	-			
F/Fmgt	-	-	-			
ER/ERmgt	-	-	-			



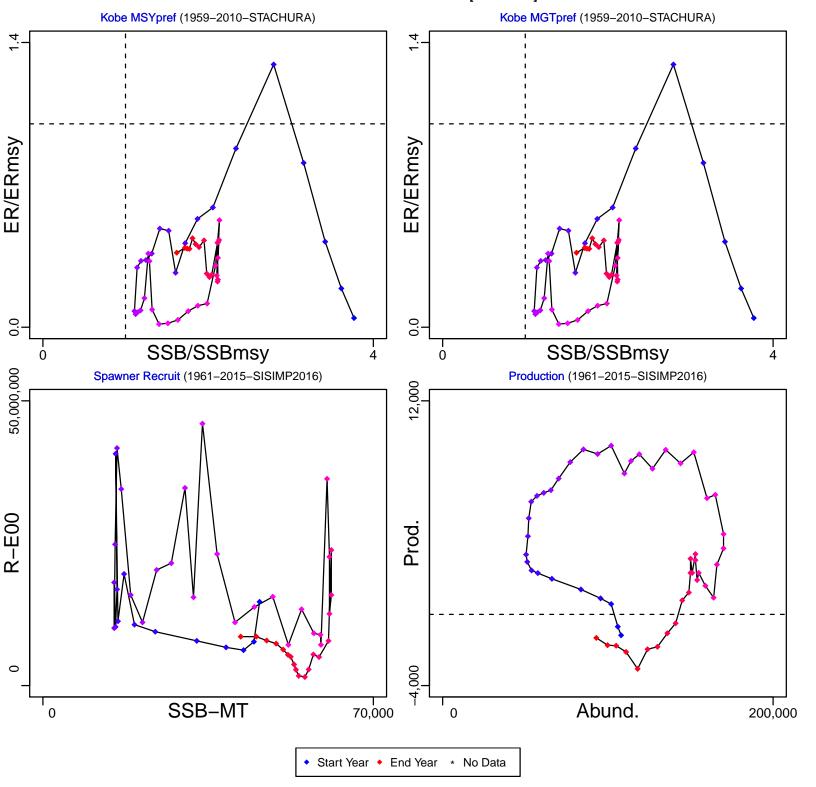


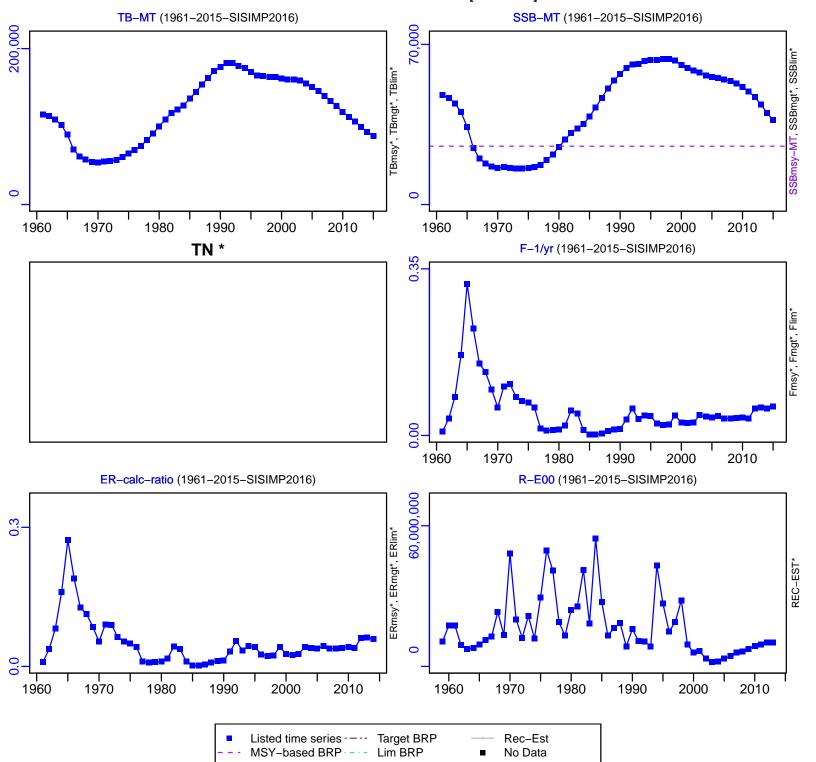


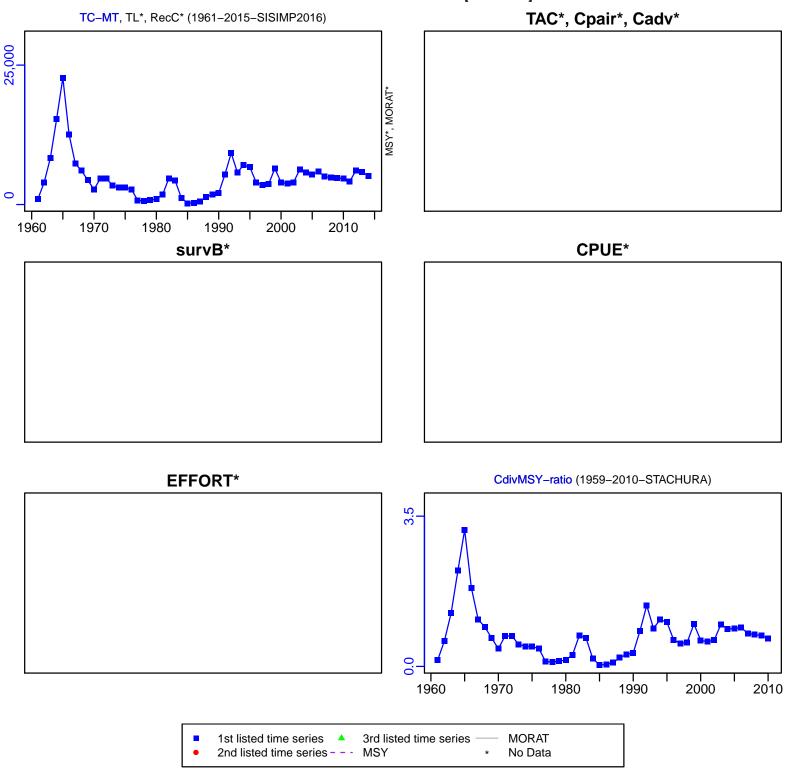
Metadata			
Scientific Name	Sebastes polyspinis		
Current Assess ID	AFSC-NROCKGA-1961-2015-SISIMP2016		
Area Gulf of Alaska			
Management Authority National Marine Fisheries Service, US national management			
Assessor Alaska Fisheries Science Center			
Asmts in RAM	2010, 2015		

Reference Points			
Туре	ID	Asmt Year	Value
TBmsy	TBmsy-calc-MT	2010	64,270
SSBmsy	SSBmsy-MT	2015	24,485
Fmsy	Fmsy-pr-1/yr	2010	0.071
ERmsy	ERmsy-ratio	2010	0.094
TBmgt	-	-	-
SSBmgt	-	-	-
Fmgt	-	-	-
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	MSY-MT	2010	6070
M	M-1/yr	2010	0.06
TBlim	-	-	-
SSBlim	-	-	-
Flim	-	-	-
ERlim	-	-	-

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2015	81,900	-	2+
SSB	SSB-MT	2015	35,400	Females	11+
TN	-	-	-	-	-
R	R-E00	2015	8,590,000	-	2
F	F-1/yr	2015	0.06	-	-
ER	ER-calc-ratio	2015	0.049	-	-
TC	TC-MT	2015	4270		
TL	-	-	-		
TB/TBmsy	TB-MT/TBmsy-calc-MT	2010	1.603		
SSB/SSBmsy	SSB-MT/SSBmsy-MT	2015	1.447		
F/Fmsy	F-1/yr/Fmsy-pr-1/yr	2010	0.596		
ER/ERmsy	ER-ratio/ERmsy-ratio	2010	0.366		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		



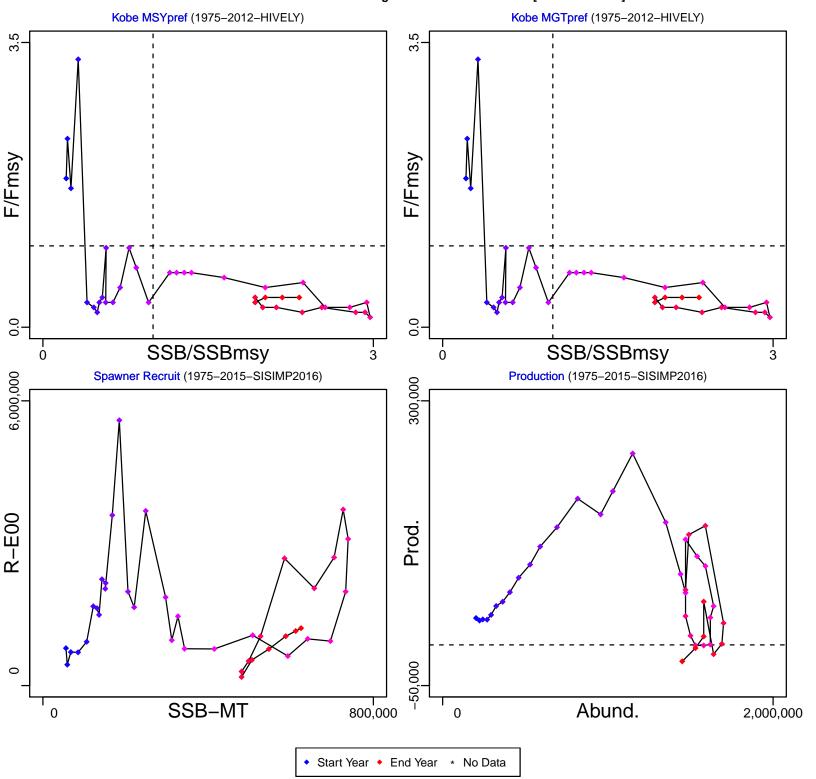


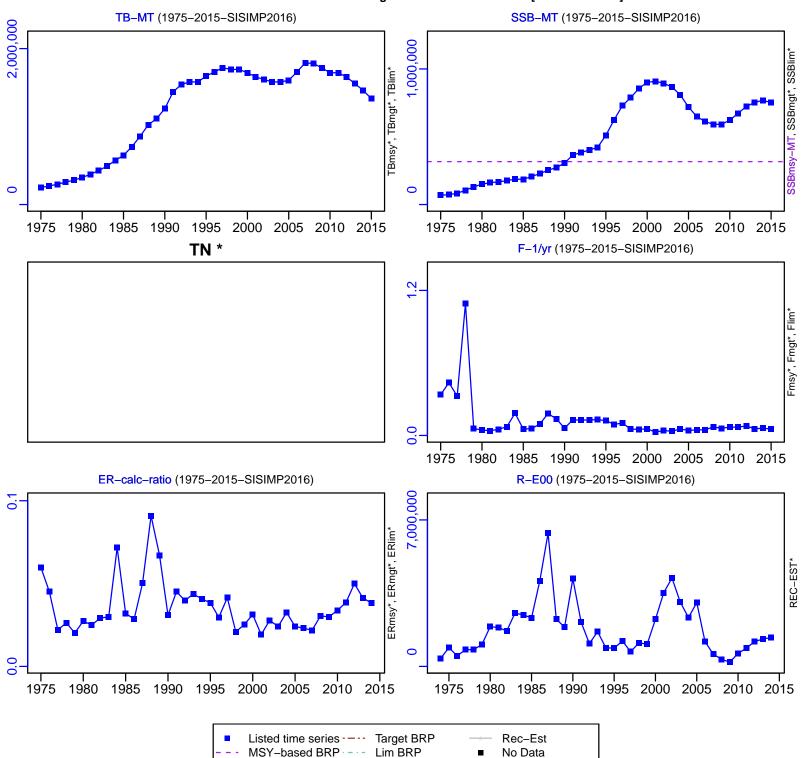


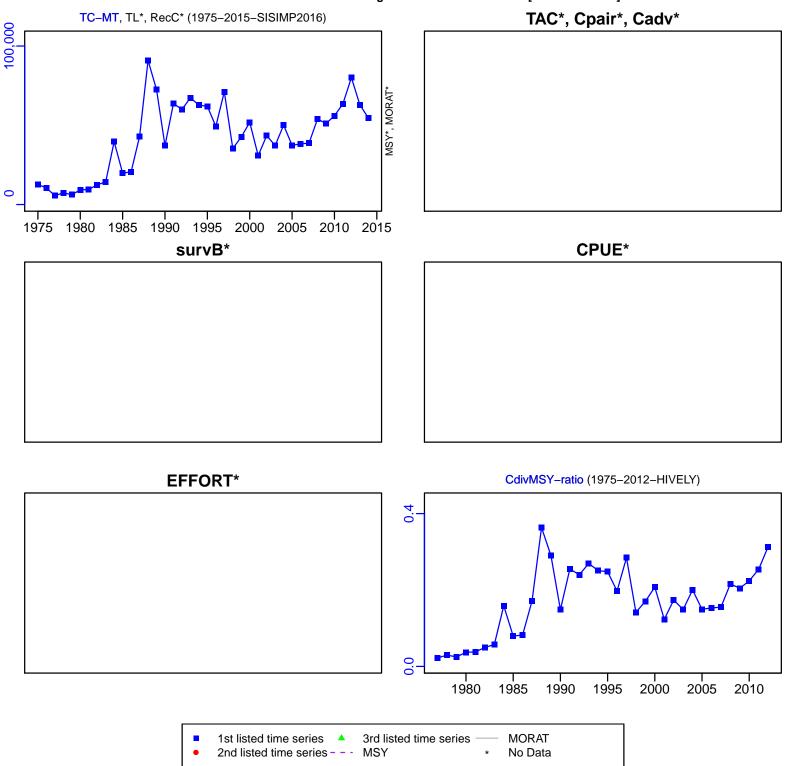
Metadata			
Scientific Name	Lepidopsetta polyxystra		
Current Assess ID AFSC-NRSOLEEBSAI-1975-2015-SISIMP2016			
Area Eastern Bering Sea and Aleutian Islands			
Management Authority National Marine Fisheries Service, US national management			
Assessor Alaska Fisheries Science Center			
Asmts in RAM	2012, 2015		

Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	SSBmsy-MT	2015	257,000	
Fmsy	Fmsy-pr-1/yr	2012	0.164	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	-	-	-	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	-	-	-	
MSY	MSY-MT	2012	259,310	
M	M-1/yr	2012	0.18	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2015	1,270,000	-	2+
SSB	SSB-MT	2015	611,000	Females	7.8+
TN	-	-	-	-	-
R	R-E00	2015	1,210,000	-	1
F	F-1/yr	2015	0.046	-	-
ER	ER-calc-ratio	2015	0.038	-	-
TC	TC-MT	2015	51,900		
TL	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	SSB-MT/SSBmsy-MT	2015	2.378		
F/Fmsy	F-1/yr/Fmsy-pr-1/yr	2012	0.366		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		





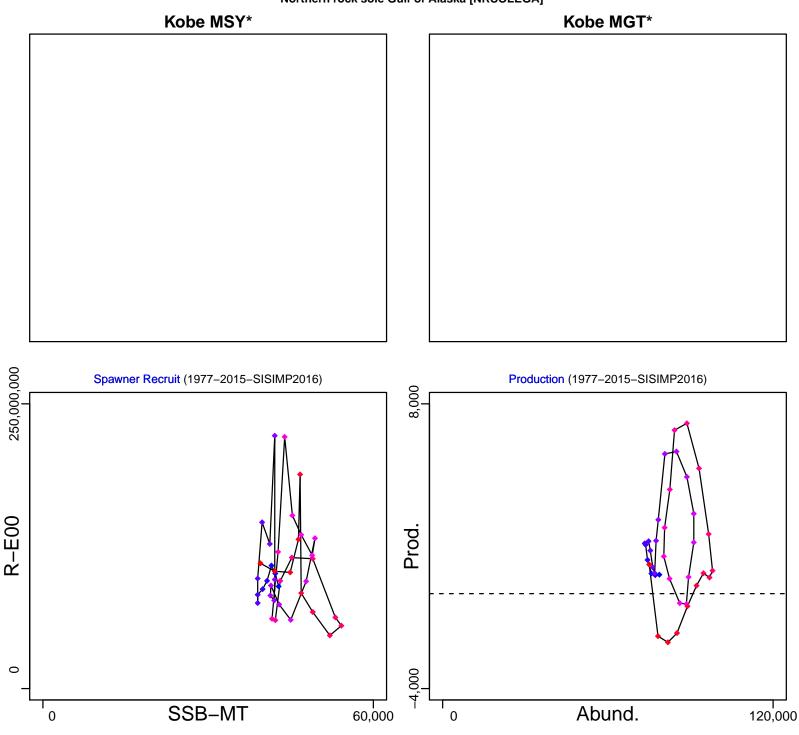


Northern rock sole Gulf of Alaska [NRSOLEGA]

Metadata			
Scientific Name	Lepidopsetta polyxystra		
Current Assess ID	AFSC-NRSOLEGA-1977-2015-SISIMP2016		
Area Gulf of Alaska			
Management Authority	National Marine Fisheries Service, US national management		
Assessor	Alaska Fisheries Science Center		
Asmts in RAM	2015		

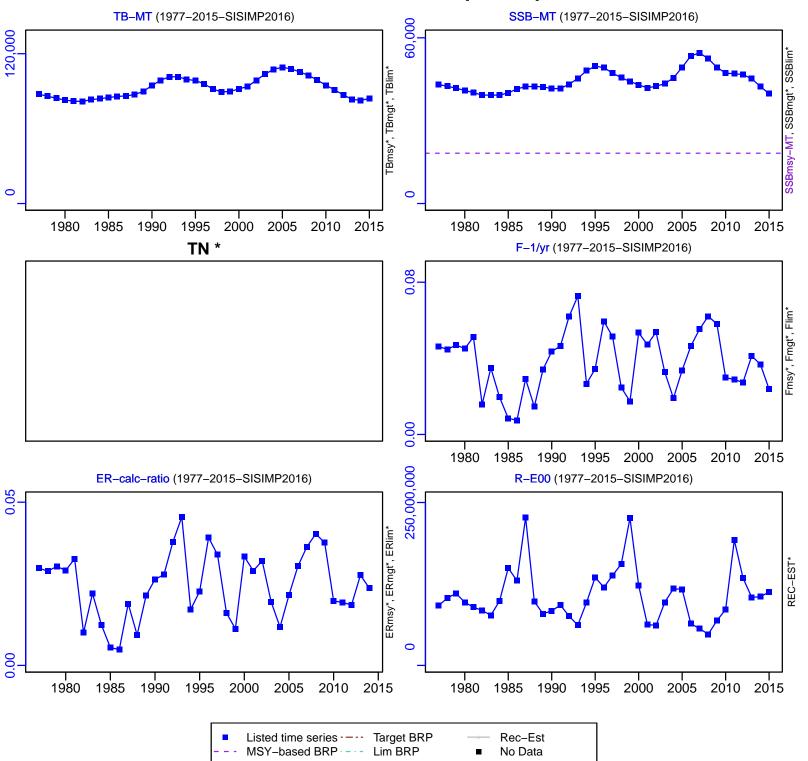
Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	SSBmsy-MT	2015	18,100	
Fmsy	-	-	-	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	-	-	-	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	-	-	-	
MSY	-	-	-	
М	-	-	-	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2015	75,600	-	3+
SSB	SSB-MT	2015	39,500	Females	-
TN	-	-	-	-	-
R	R-E00	2015	1.1×10^{8}	-	0
F	F-1/yr	2015	0.022	-	-
ER	ER-calc-ratio	2015	0.023	-	-
TC	TC-MT	2015	1720		
TL	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	SSB-MT/SSBmsy-MT	2015	2.181		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

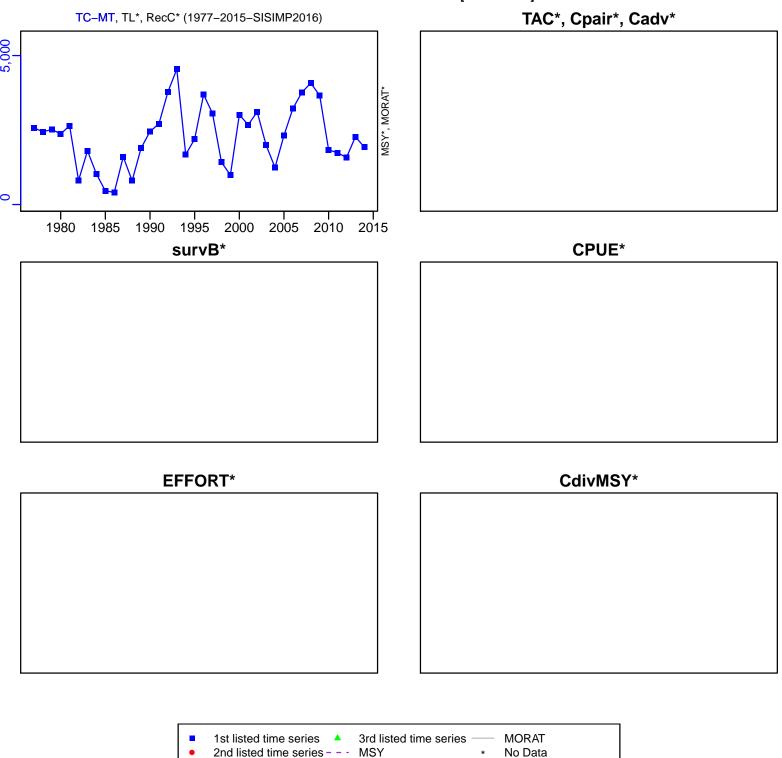


Start Year • End Year * No Data

Northern rock sole Gulf of Alaska [NRSOLEGA]



Northern rock sole Gulf of Alaska [NRSOLEGA]

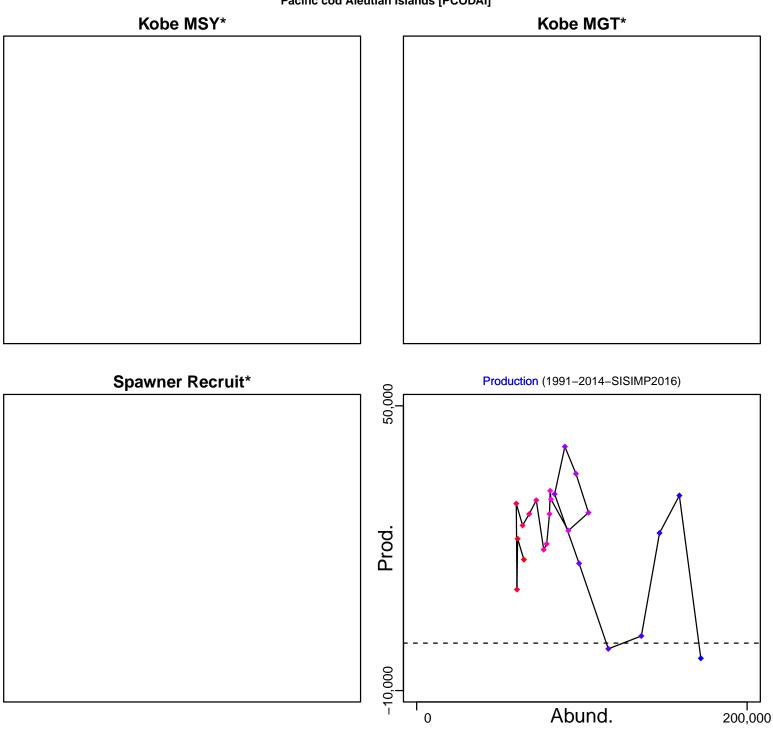


Pacific cod Aleutian Islands [PCODAI]

Metadata			
Scientific Name	Gadus macrocephalus		
Current Assess ID	AFSC-PCODAI-1991-2014-SISIMP2016		
Area Aleutian Islands			
Management Authority National Marine Fisheries Service, US national management			
Assessor Alaska Fisheries Science Center			
Asmts in RAM	2014		

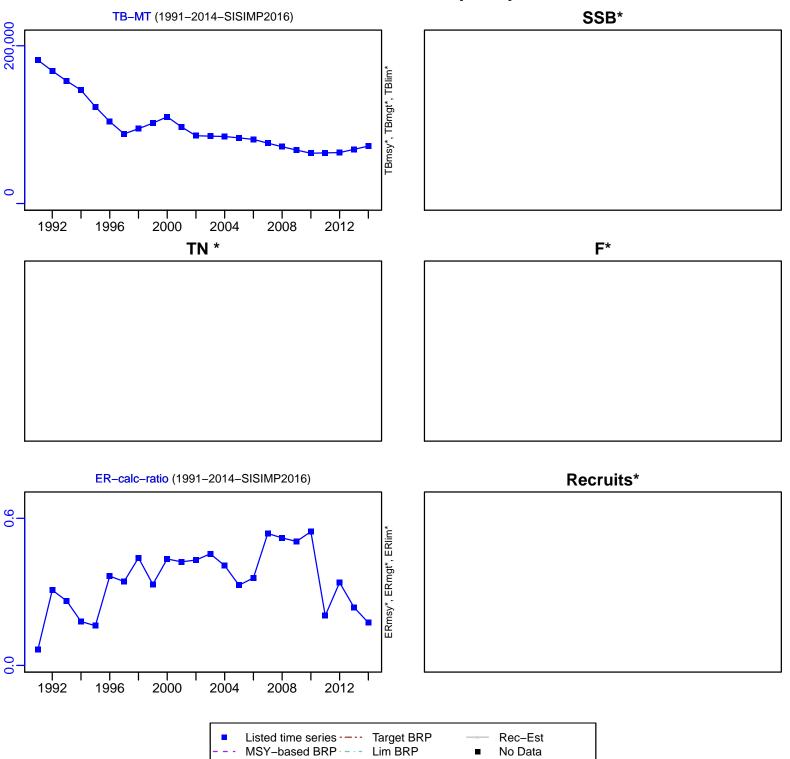
Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	-	-	-	
Fmsy	-	-	-	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	-	-	-	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	-	-	-	
MSY	-	-	-	
М	-	-	-	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2014	68,900	-	-
SSB	-	-	-	-	-
TN	-	-	-	-	-
R	-	-	-	-	-
F	-	-	-	-	-
ER	ER-calc-ratio	2014	0.154	-	-
TC	TC-MT	2014	10,600		
TL	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-]	
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		



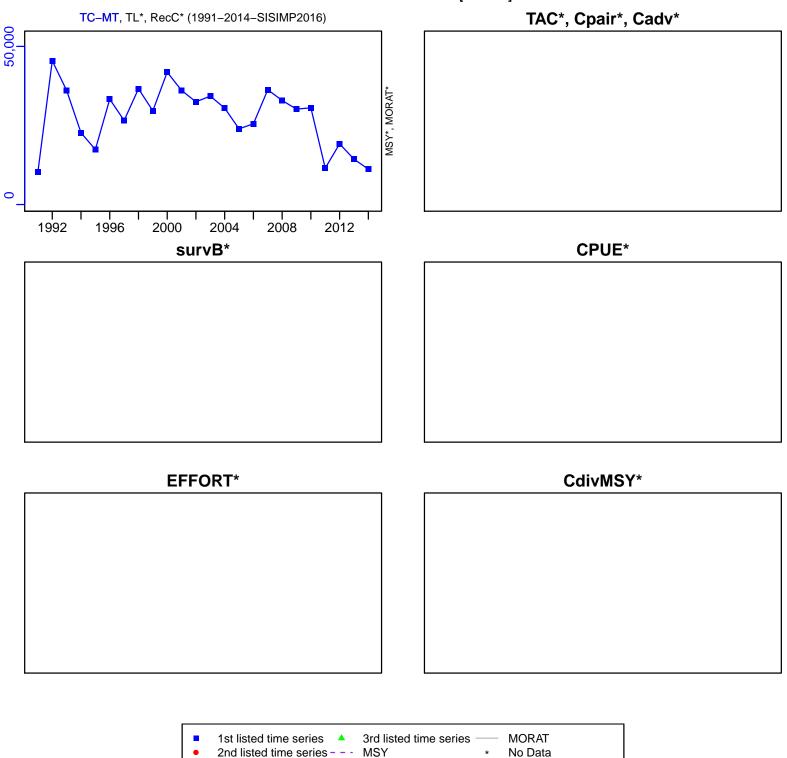
Start Year → End Year → No Data

Pacific cod Aleutian Islands [PCODAI]



No Data

Pacific cod Aleutian Islands [PCODAI]

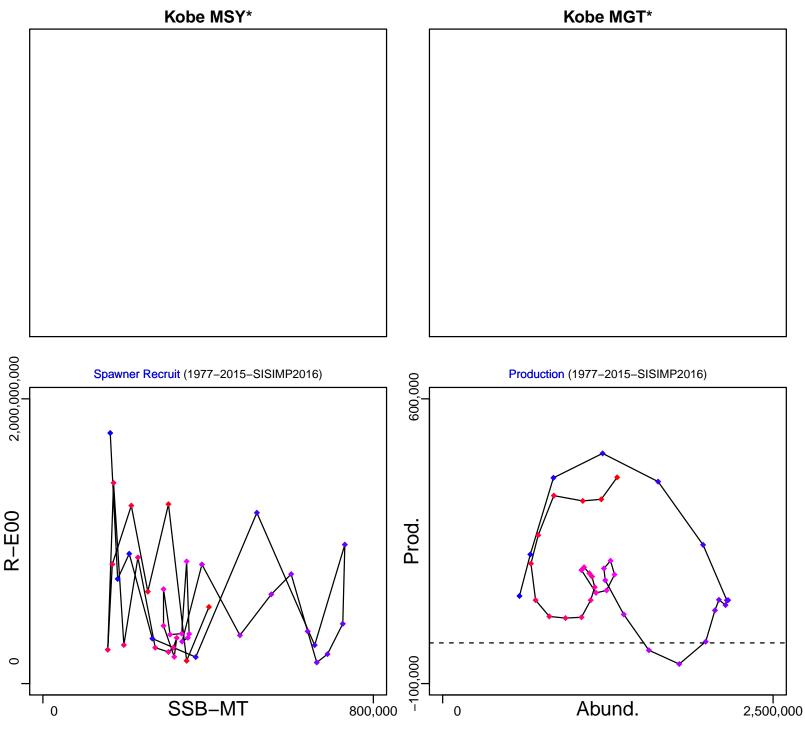


Pacific cod Bering Sea [PCODBS]

Metadata			
Scientific Name	Gadus macrocephalus		
Current Assess ID	AFSC-PCODBS-1977-2015-SISIMP2016		
Area Bering Sea			
Management Authority	National Marine Fisheries Service, US national management		
Assessor	Alaska Fisheries Science Center		
Asmts in RAM	2015		

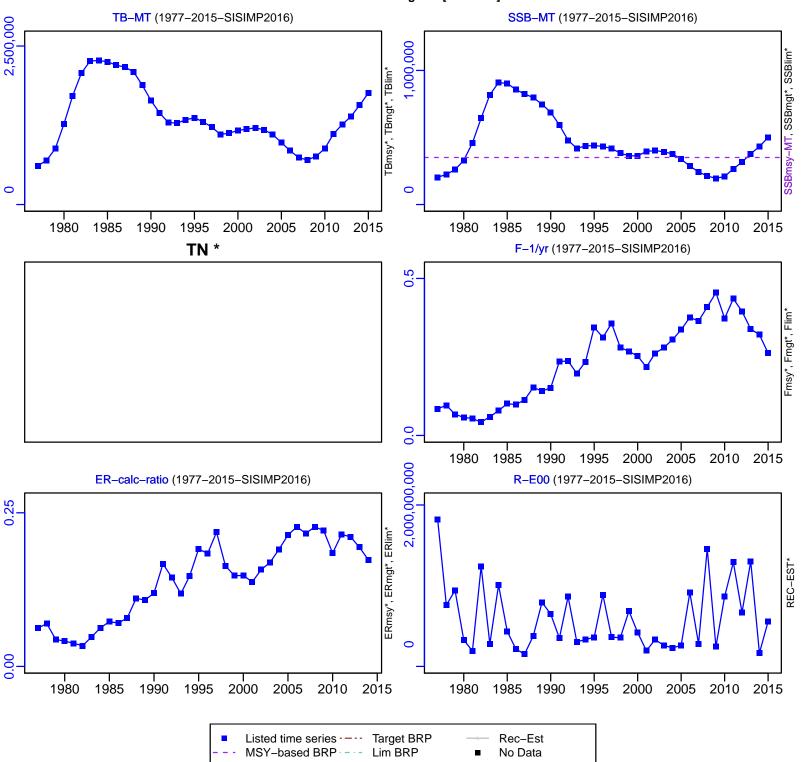
Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	SSBmsy-MT	2015	282,000	
Fmsy	-	-	-	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	-	-	-	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	-	-	-	
MSY	-	-	-	
M	-	-	-	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2015	1,670,000	-	0+
SSB	SSB-MT	2015	402,000	Females	4.9+
TN	-	-	-	-	-
R	R-E00	2015	5.38×10^{8}	-	0
F	F-1/yr	2015	0.247	-	-
ER	ER-calc-ratio	2015	0.16	-	-
TC	TC-MT	2015	239,000		
TL	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	SSB-MT/SSBmsy-MT	2015	1.424		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

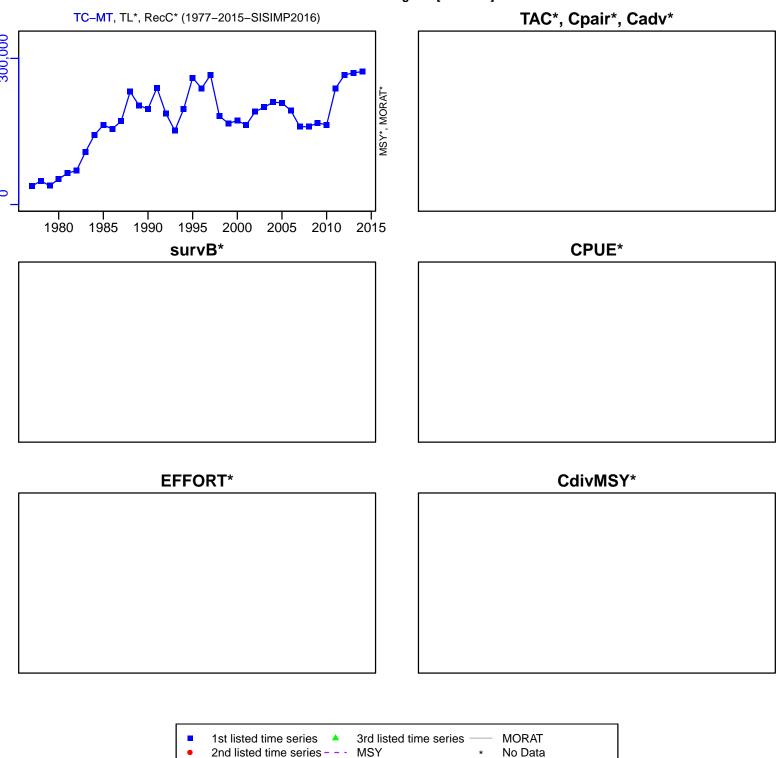


Start Year • End Year • No Data

Pacific cod Bering Sea [PCODBS]



Pacific cod Bering Sea [PCODBS]

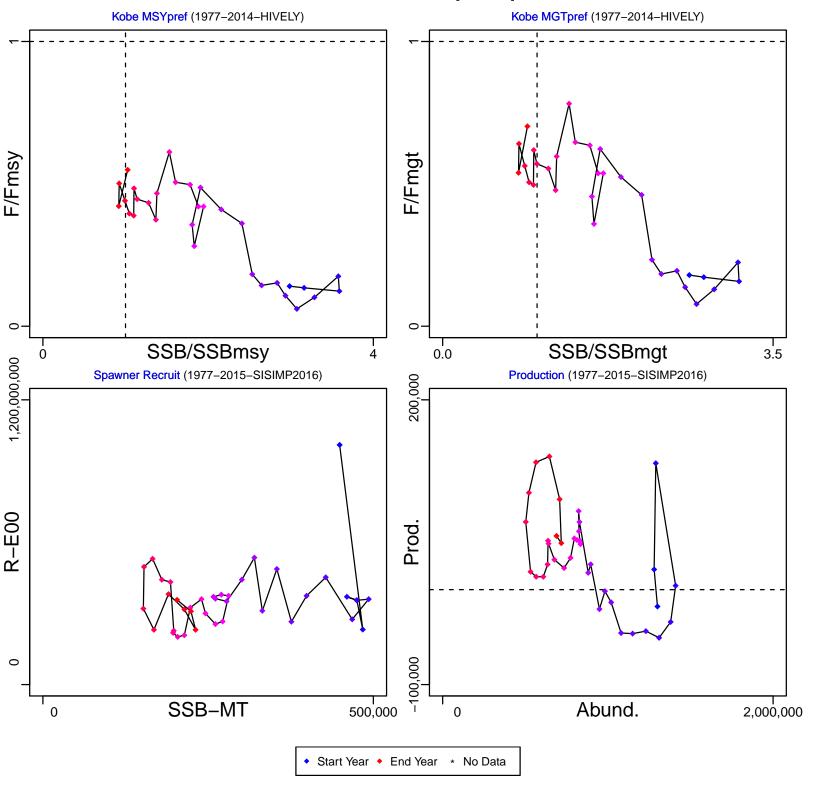


Pacific cod Gulf of Alaska [PCODGA]

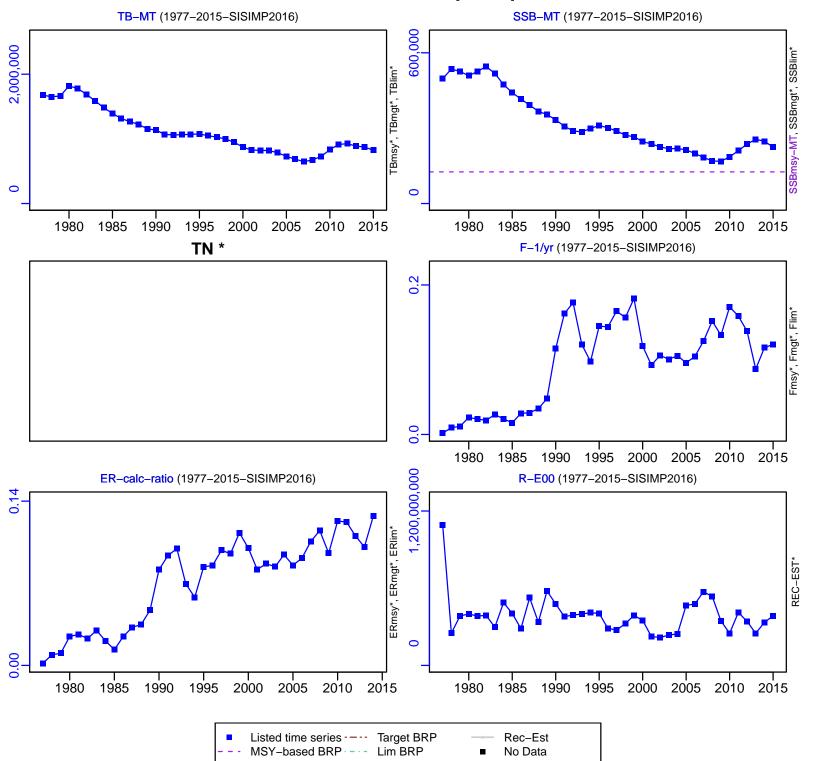
Metadata			
Scientific Name	Gadus macrocephalus		
Current Assess ID	AFSC-PCODGA-1977-2015-SISIMP2016		
Area Gulf of Alaska			
Management Authority National Marine Fisheries Service, US national managem			
Assessor Alaska Fisheries Science Center			
Asmts in RAM	2014, 2015		

Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	SSBmsy-MT	2015	113,800	
Fmsy	Fmsy-pr-1/yr	2014	0.69	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	SSBmgt-MT	2014	91,100	
Fmgt	Fmgt-1/yr	2014	0.54	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	-	-	-	
MSY	-	-	-	
М	M-1/yr	2014	0.38	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

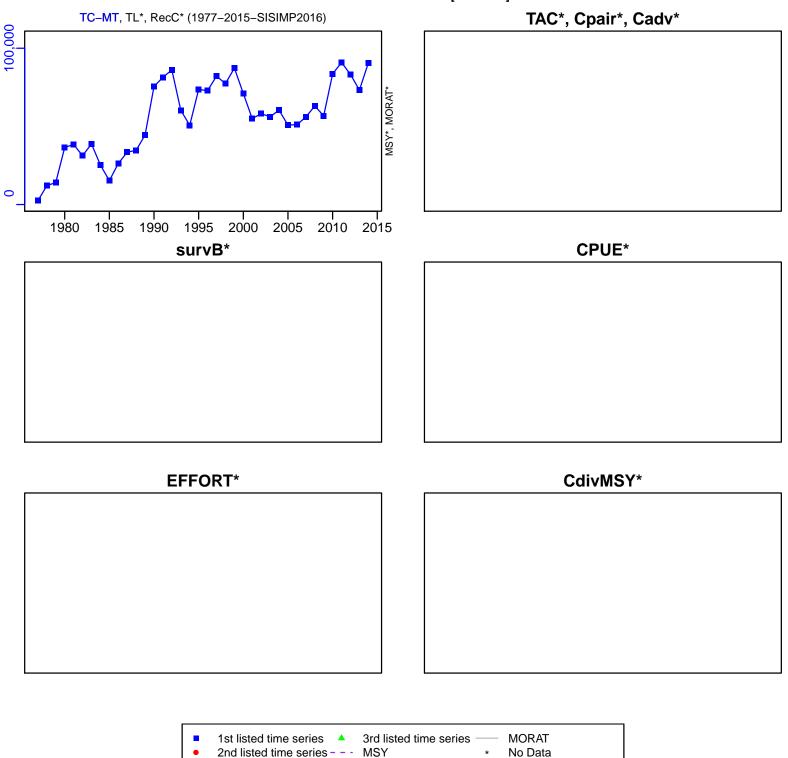
Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2015	640,000	-	3+
SSB	SSB-MT	2015	203,000	Females	4.3+
TN	-	-	-	-	-
R	R-E00	2015	3.57×10^{8}	-	0
F	F-1/yr	2015	0.108	-	-
ER	ER-calc-ratio	2015	0.125	-	-
TC	TC-MT	2015	84,900		
TL	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	SSB-MT/SSBmsy-MT	2015	1.781		
F/Fmsy	F-1/yr/Fmsy-pr-1/yr	2014	0.549		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2014	1.614		
F/Fmgt	F-1/yr/Fmgt-1/yr	2014	0.702		
ER/ERmgt	-	-	-		



Pacific cod Gulf of Alaska [PCODGA]



Pacific cod Gulf of Alaska [PCODGA]



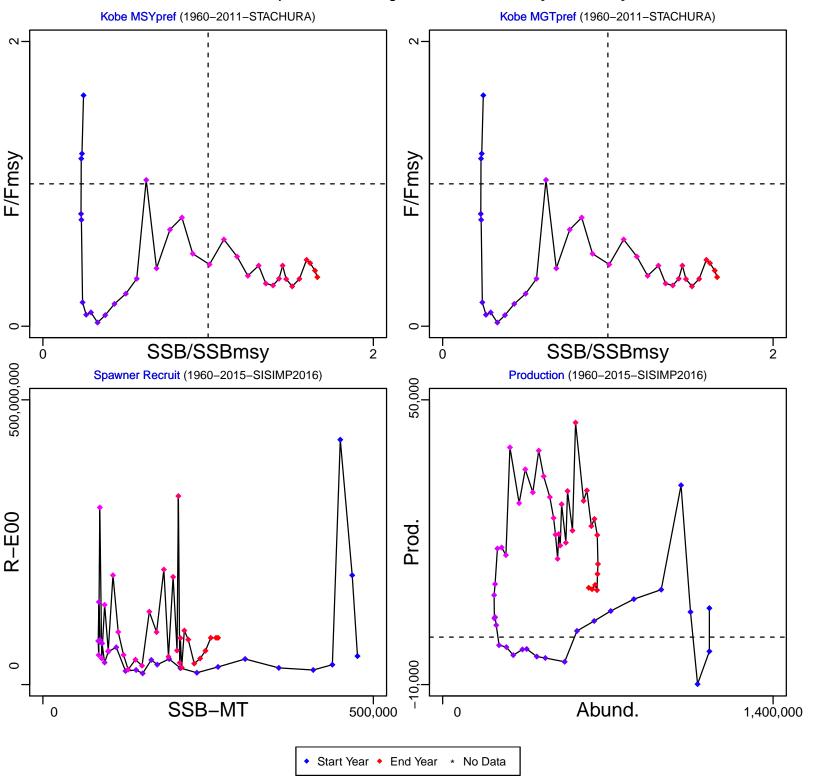
Pacific Ocean perch Eastern Bering Sea and Aleutian Islands [PERCHEBSAI]

Metadata				
Scientific Name	Sebastes alutus			
Current Assess ID	AFSC-PERCHEBSAI-1960-2015-SISIMP2016			
Area	Eastern Bering Sea and Aleutian Islands			
Management Authority	nt Authority National Marine Fisheries Service, US national management			
Assessor	Alaska Fisheries Science Center			
Asmts in RAM	2011, 2015			

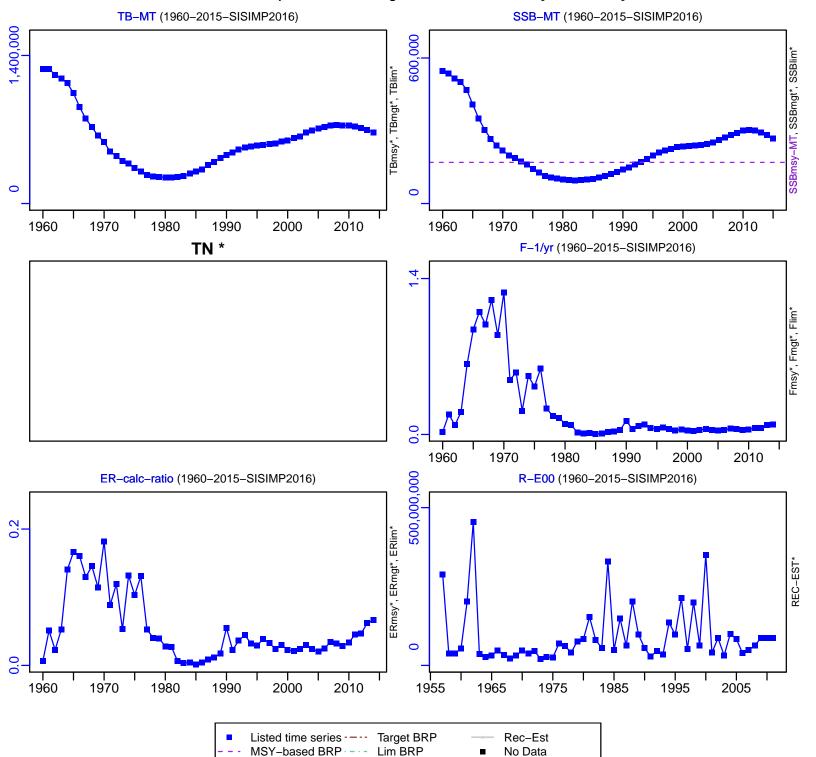
Reference Points						
Туре	ID	Asmt Year	Value			
TBmsy	-	-	-			
SSBmsy	SSBmsy-MT	2015	148,053			
Fmsy	Fmsy-pr-1/yr	2011	0.074			
ERmsy	-	-	-			
TBmgt	-	-	-			
SSBmgt	-	-	-			
Fmgt	-	-	-			
ERmgt	-	-	-			
TB0	-	-	-			
SSB0	-	-	-			
MSY	-	-	-			
М	M-1/yr	2011	0.062			
TBlim	-	-	-			
SSBlim	-	-	-			
Flim	-	-	-			
ERlim	-	-	-			

Time Series							
Туре	ID	Asmt Year	Curr Value	Sex	Age		
ТВ	TB-MT	2015	598,000	Both	3+		
SSB	SSB-MT	2015	234,000	Females	9.1+		
TN	-	-	-	-	-		
R	R-E00	2015	82,100,000	-	3		
F	F-1/yr	2015	0.083	-	-		
ER	ER-calc-ratio	2015	0.054	-	-		
TC	TC-MT	2015	32,400				
TL	-	-	-				
TB/TBmsy	-	-	-				
SSB/SSBmsy	SSB-MT/SSBmsy-MT	2015	1.582				
F/Fmsy	F-1/yr/Fmsy-pr-1/yr	2011	0.345				
ER/ERmsy	-	-	-				
TB/TBmgt	-	-	-				
SSB/SSBmgt	-	-	-				
F/Fmgt	-	-	-				
ER/ERmgt	-	-	-				

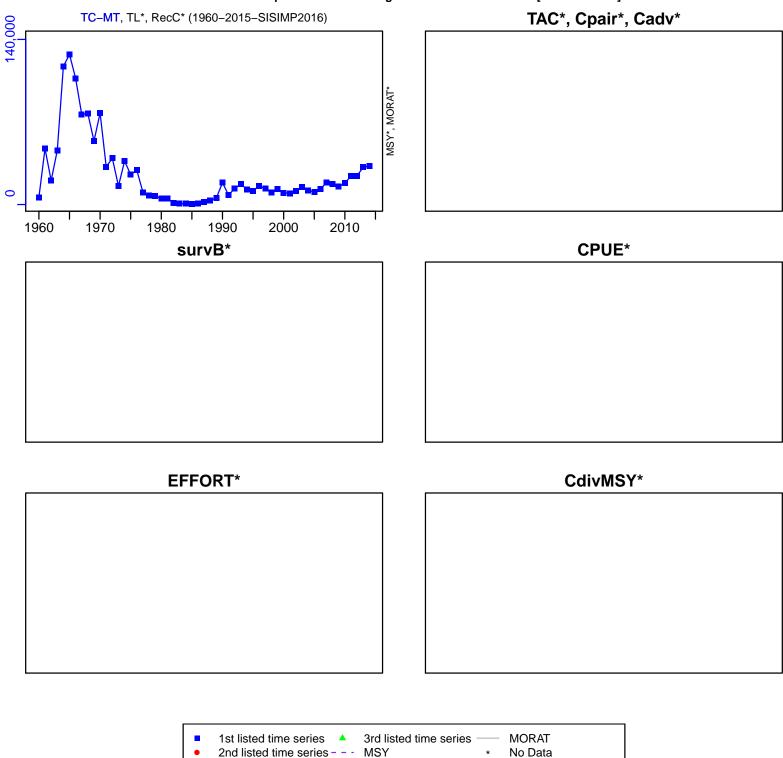
Pacific Ocean perch Eastern Bering Sea and Aleutian Islands [PERCHEBSAI]



Pacific Ocean perch Eastern Bering Sea and Aleutian Islands [PERCHEBSAI]



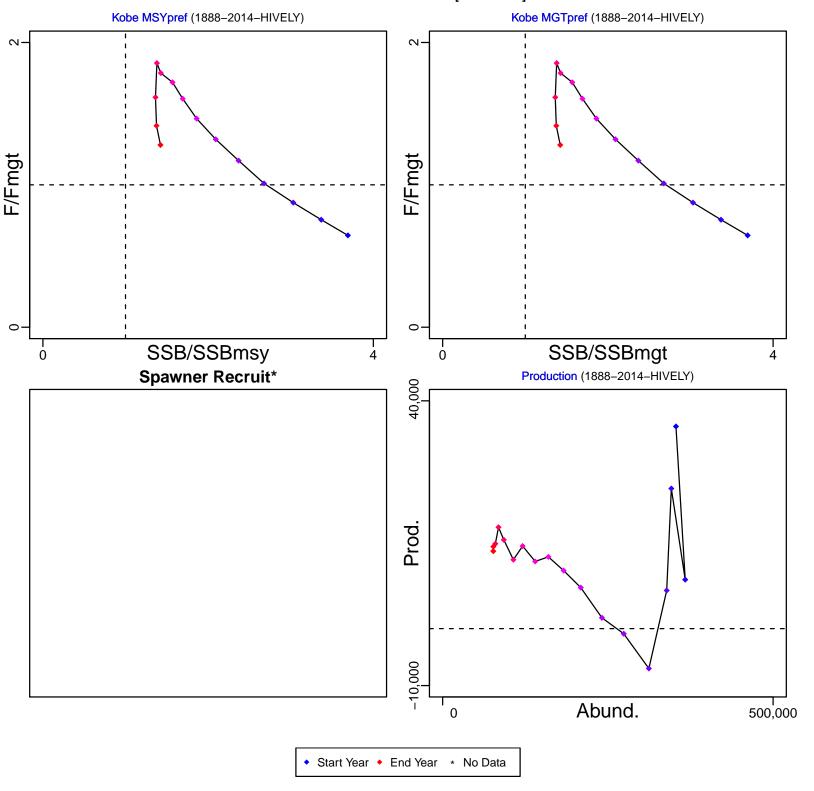
Pacific Ocean perch Eastern Bering Sea and Aleutian Islands [PERCHEBSAI]

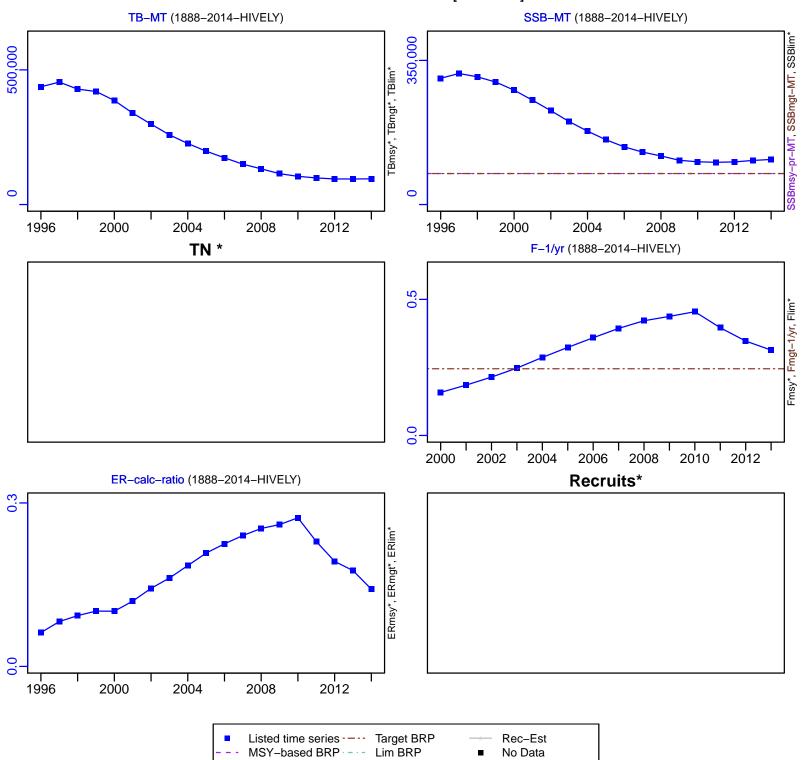


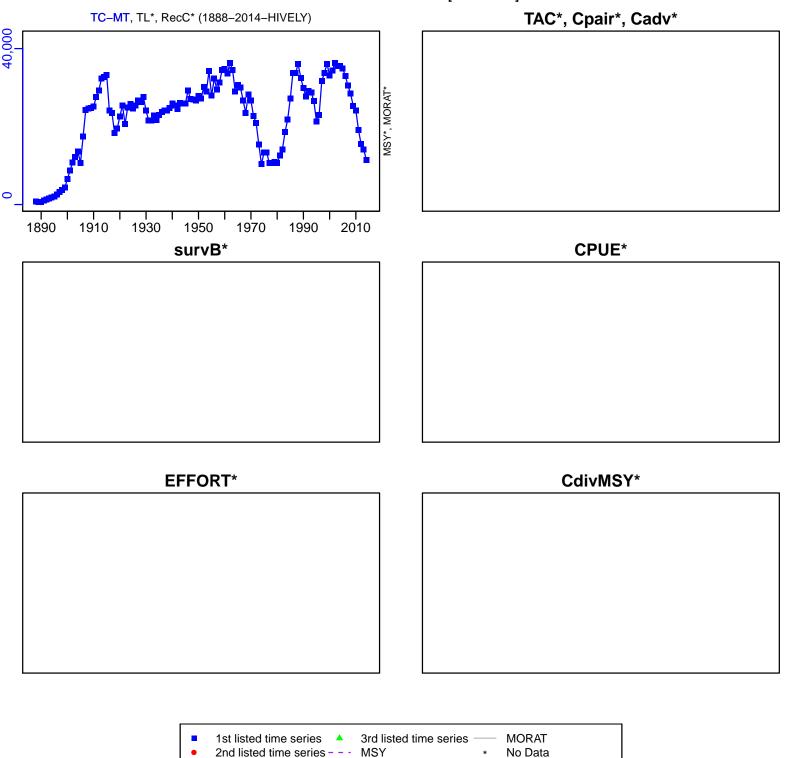
Metadata			
Scientific Name	Hippoglossus stenolepis		
Current Assess ID	IPHC-PHALNPAC-1888-2014-HIVELY		
Area	North Pacific		
Management Authority	International Pacific Halibut Commission		
Assessor	International Pacific Halibut Commission		
Asmts in RAM	2014		

Reference Points			
Туре	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	SSBmsy-pr-MT	2014	65,004
Fmsy	-	-	-
ERmsy	-	-	-
TBmgt	-	-	-
SSBmgt	SSBmgt-MT	2014	65,004
Fmgt	Fmgt-1/yr	2014	0.2
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	-	-	-
М	-	-	-
TBlim	-	-	-
SSBlim	-	-	-
Flim	-	-	-
ERlim	-	-	-

	Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age	
ТВ	TB-MT	2014	77,000	-	-	
SSB	SSB-MT	2014	94,600	Females	-	
TN	-	-	-	-	-	
R	-	-	-	-	-	
F	F-1/yr	2014	0.256	-	-	
ER	ER-calc-ratio	2014	0.139	-	-	
TC	TC-MT	2014	10,700			
TL	-	-	-			
TB/TBmsy	-	-	-			
SSB/SSBmsy	SSB-MT/SSBmsy-pr-MT	2014	1.455			
F/Fmsy	-	-	-			
ER/ERmsy	-	-	-			
TB/TBmgt	-	-	-			
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2014	1.455			
F/Fmgt	F-1/yr/Fmgt-1/yr	2014	1.28			
ER/ERmgt	-	-	-			



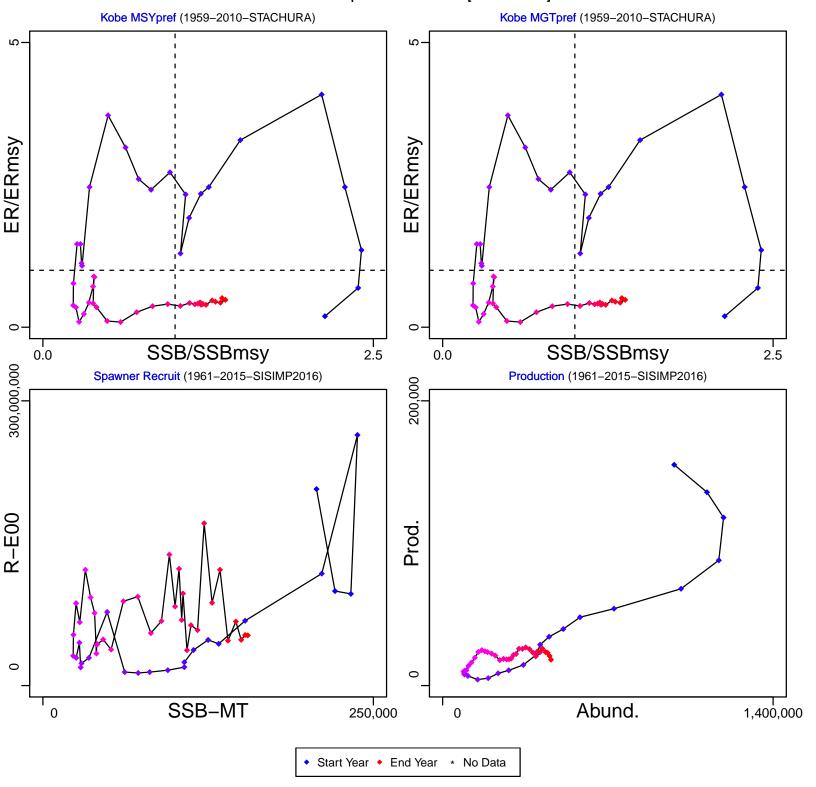


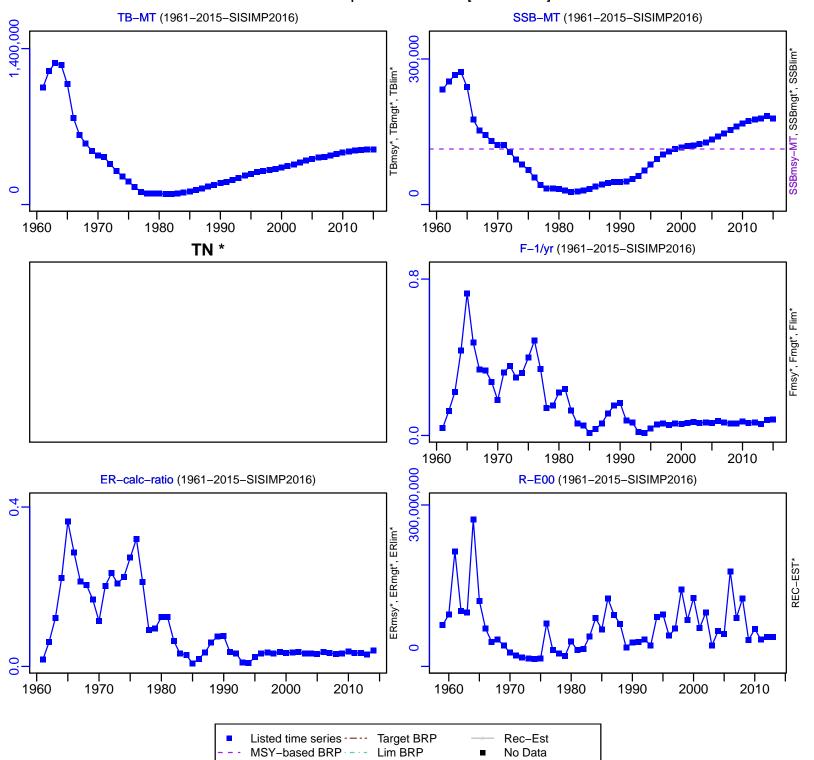


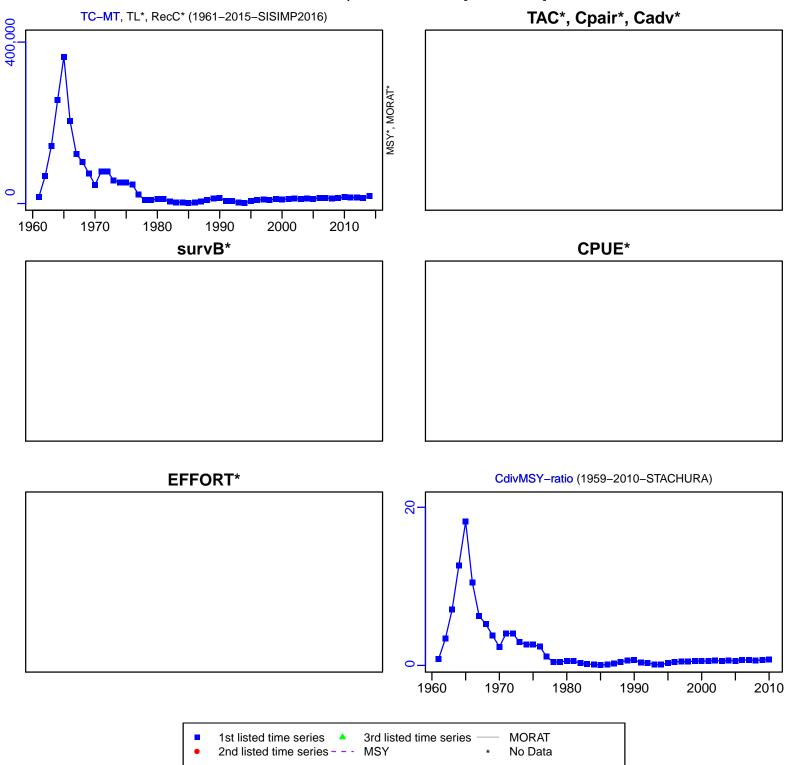
Metadata			
Scientific Name	Sebastes alutus		
Current Assess ID	AFSC-POPERCHGA-1961-2015-SISIMP2016		
Area Gulf of Alaska			
Management Authority	National Marine Fisheries Service, US national management		
Assessor	Alaska Fisheries Science Center		
Asmts in RAM	2010, 2015		

Reference Points			
Туре	ID	Asmt Year	Value
TBmsy	TBmsy-calc-MT	2010	238,362
SSBmsy	SSBmsy-MT	2015	99,865
Fmsy	Fmsy-pr-1/yr	2010	0.142
ERmsy	ERmsy-ratio	2010	0.085
TBmgt	-	-	-
SSBmgt	-	-	-
Fmgt	-	-	-
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	MSY-MT	2010	20,243
М	M-1/yr	2010	0.06
TBlim	-	-	-
SSBlim	-	-	-
Flim	-	-	-
ERlim	-	-	-

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2015	462,000	Both	2+
SSB	SSB-MT	2015	155,000	Females	10+
TN	-	-	-	-	-
R	R-E00	2015	52,900,000	-	2
F	F-1/yr	2015	0.076	-	-
ER	ER-calc-ratio	2015	0.038	-	-
TC	TC-MT	2015	17,600		
TL	-	-	-		
TB/TBmsy	TB-MT/TBmsy-calc-MT	2010	1.405		
SSB/SSBmsy	SSB-MT/SSBmsy-MT	2015	1.552		
F/Fmsy	F-1/yr/Fmsy-pr-1/yr	2010	0.615		
ER/ERmsy	ER-ratio/ERmsy-ratio	2010	0.511		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		





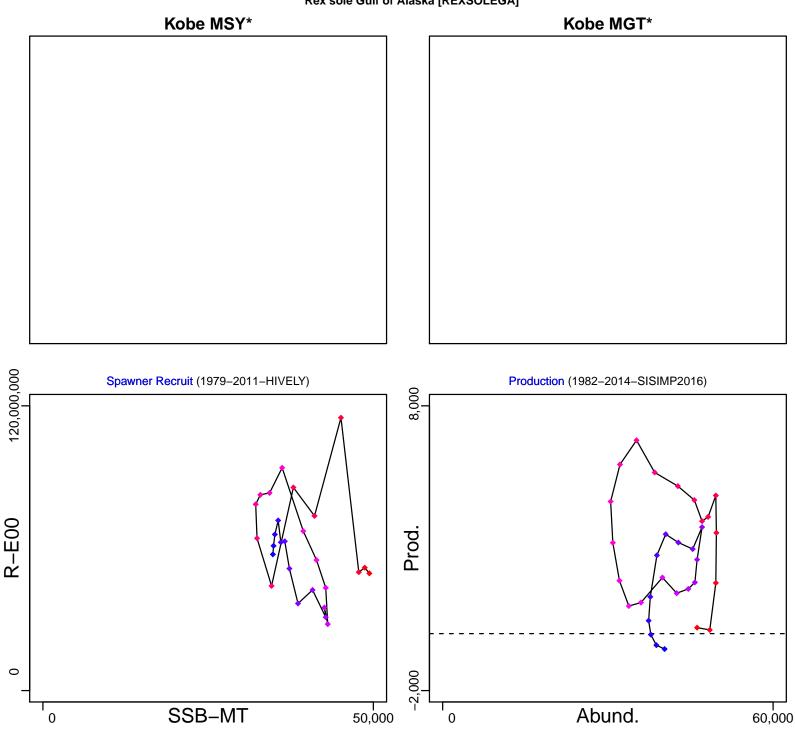


Rex sole Gulf of Alaska [REXSOLEGA]

Metadata			
Scientific Name	Glyptocephalus zachirus		
Current Assess ID AFSC-REXSOLEGA-1982-2014-SISIMP2016			
Area Gulf of Alaska			
Management Authority	National Marine Fisheries Service, US national management		
Assessor Alaska Fisheries Science Center			
Asmts in RAM	2011, 2014		

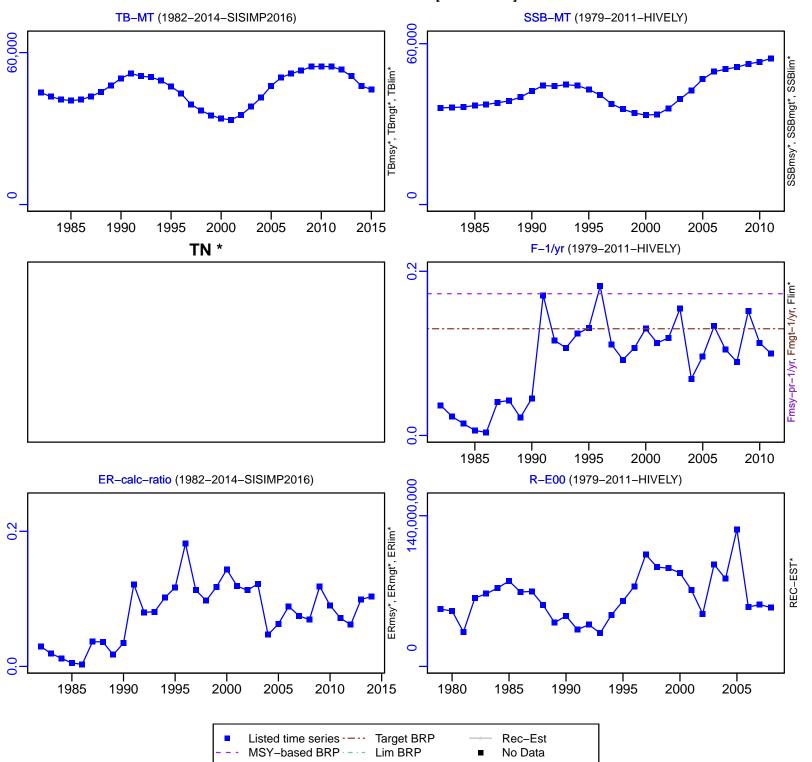
Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	-	-	-	
Fmsy	Fmsy-pr-1/yr	2011	0.17	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	Fmgt-1/yr	2011	0.128	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	-	-	-	
MSY	-	-	-	
М	M-1/yr	2011	0.17	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2014	41,400	-	0+
SSB	SSB-MT	2011	52,600	Females	-
TN	-	-	-	-	-
R	R-E00	2011	49,400,000	-	3
F	F-1/yr	2011	0.098	-	-
ER	ER-calc-ratio	2014	0.084	-	-
TC	TC-MT	2014	3580		
TL	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	F-1/yr/Fmsy-pr-1/yr	2011	0.578		
ER/ERmsy	-	-	-		
TB/TBmgt	•	-	-		
SSB/SSBmgt	•	-	-		
F/Fmgt	F-1/yr/Fmgt-1/yr	2011	0.767		
ER/ERmgt	-	-	-		

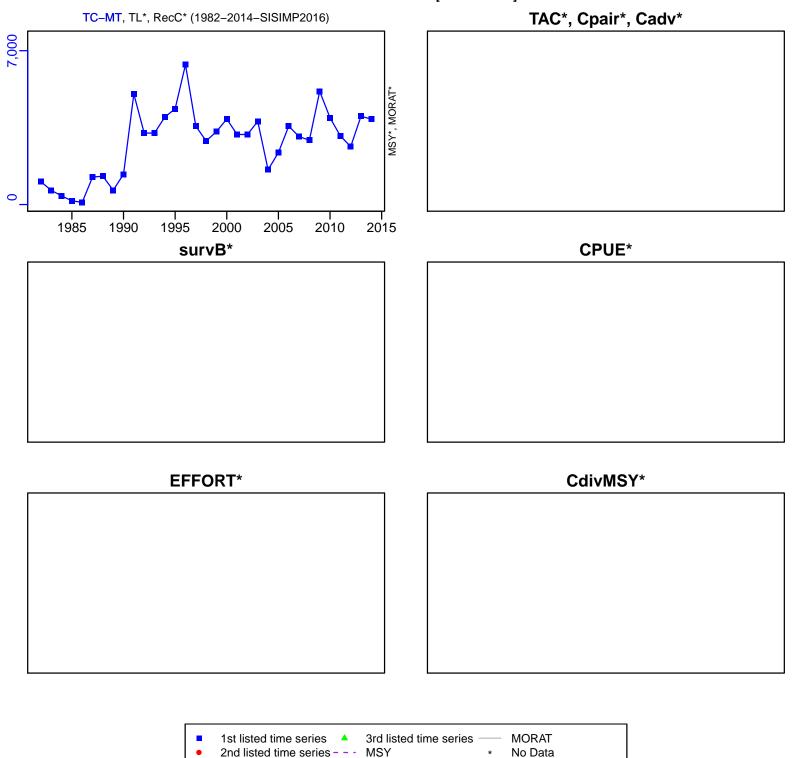


Start Year • End Year * No Data

Rex sole Gulf of Alaska [REXSOLEGA]



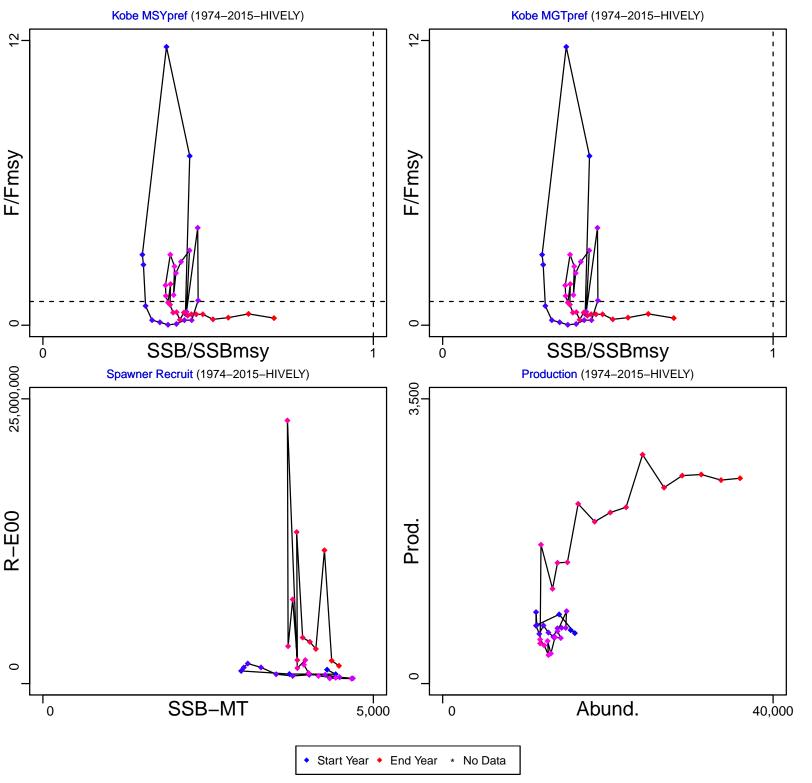
Rex sole Gulf of Alaska [REXSOLEGA]

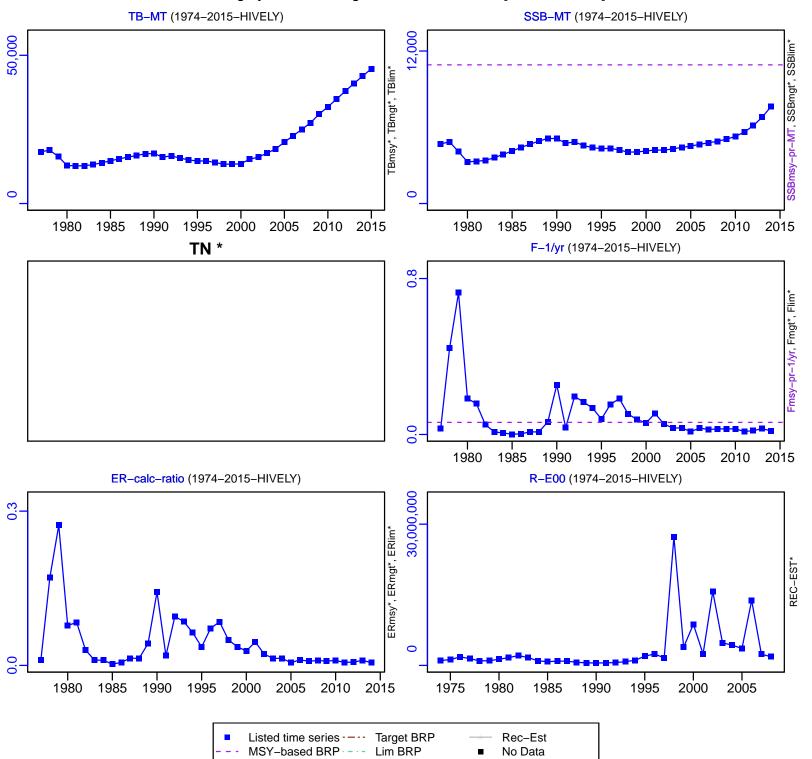


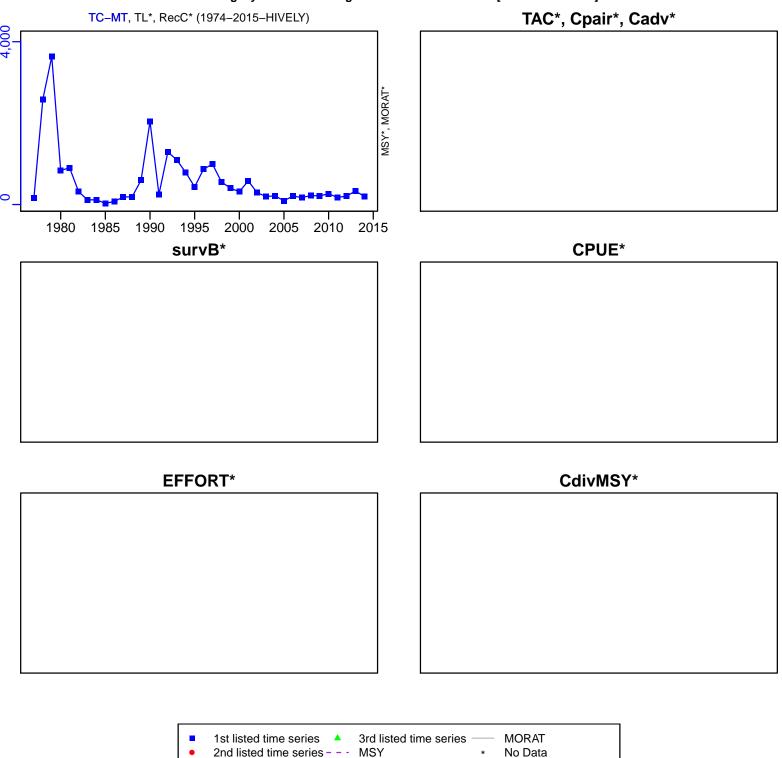
Metadata			
Scientific Name	Sebastes aleutianus		
Current Assess ID	AFSC-REYEROCKBSAI-1974-2015-HIVELY		
Area Bering Sea and Aleutian Islands			
Management Authority National Marine Fisheries Service, US national management			
Assessor Alaska Fisheries Science Center			
Asmts in RAM	2015		

Reference Points			
Туре	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	SSBmsy-pr-MT	2015	9977
Fmsy	Fmsy-pr-1/yr	2015	0.058
ERmsy	-	-	-
TBmgt	-	-	-
SSBmgt	-	-	-
Fmgt	-	-	-
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	-	-	-
М	M-1/yr	2015	0.03
TBlim	-	-	-
SSBlim	-	-	-
Flim	-	-	-
ERlim	-	-	-

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2015	40,400	Both	3+
SSB	SSB-MT	2015	6980	Females	3+
TN	-	-	-	-	-
R	R-E00	2015	1,560,000	-	3
F	F-1/yr	2015	0.017	-	-
ER	ER-calc-ratio	2015	0.005	-	-
TC	TC-MT	2015	194		
TL	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	SSB-MT/SSBmsy-pr-MT	2015	0.699		
F/Fmsy	F-1/yr/Fmsy-pr-1/yr	2015	0.3		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		



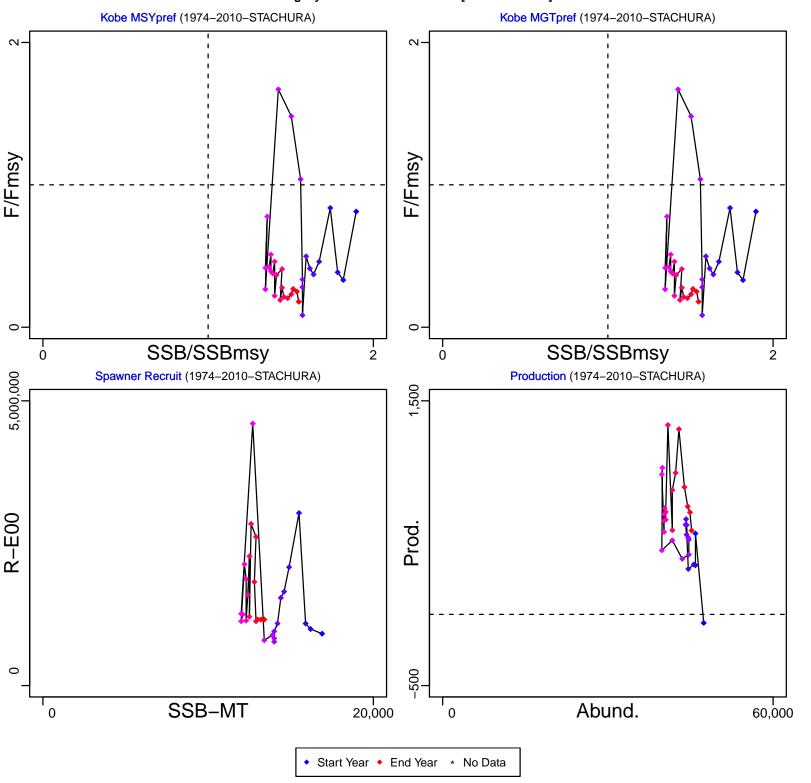


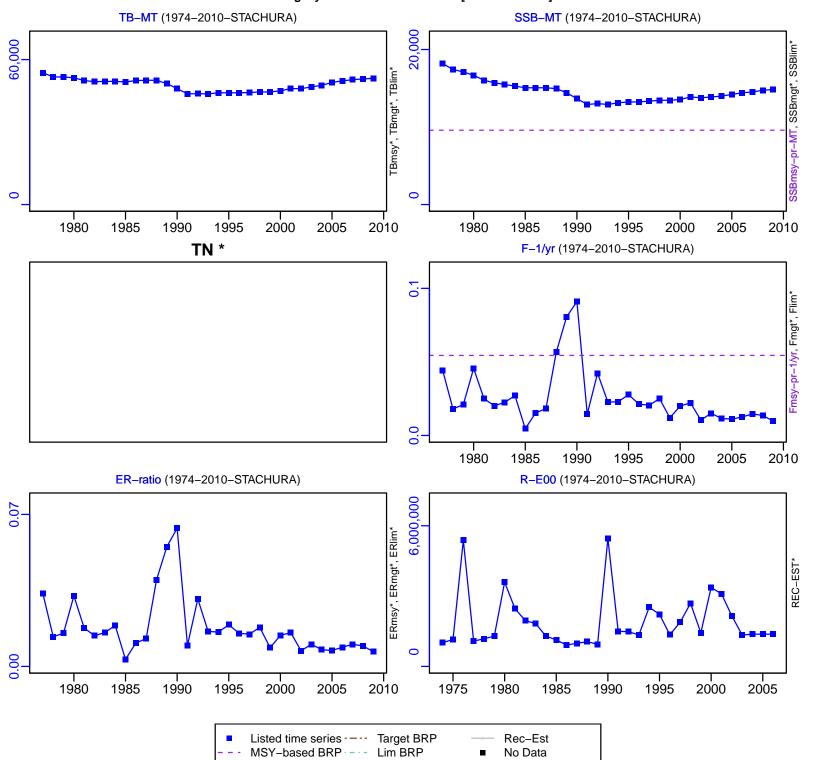


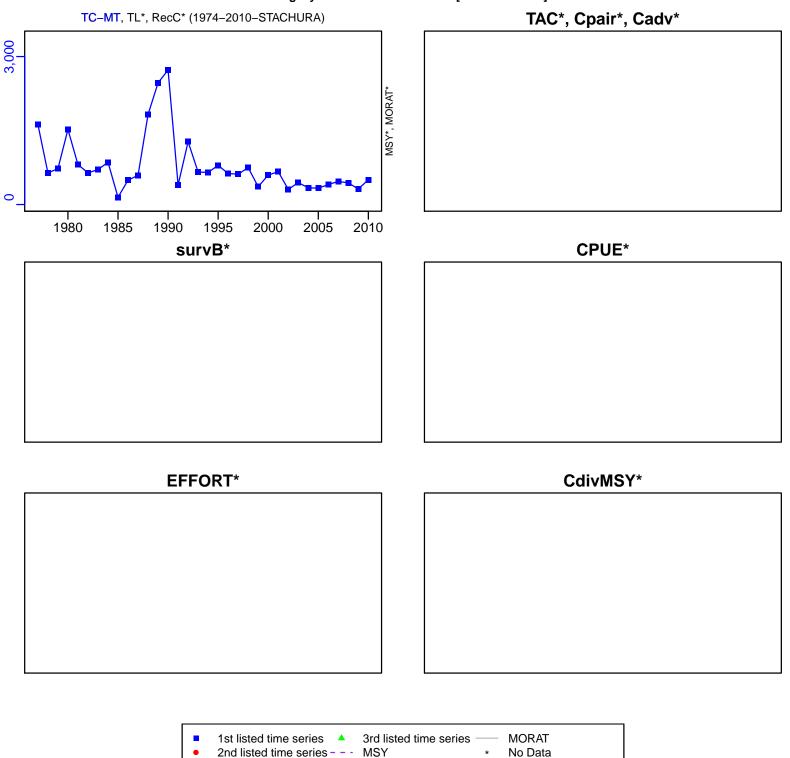
Metadata		
Scientific Name	Sebastes aleutianus	
Current Assess ID	AFSC-REYEROCKGA-1974-2010-STACHURA	
Area Gulf of Alaska		
Management Authority	National Marine Fisheries Service, US national management	
Assessor	essor Alaska Fisheries Science Center	
Asmts in RAM	2010	

Reference Points			
Туре	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	SSBmsy-pr-MT	2010	8912
Fmsy	Fmsy-pr-1/yr	2010	0.048
ERmsy	-	-	-
TBmgt	-	-	-
SSBmgt	-	-	-
Fmgt	-	-	-
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	-	-	-
М	M-1/yr	2010	0.034
TBlim	-	-	-
SSBlim	-	-	-
Flim	-	-	-
ERlim	-	-	-

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2010	45,400	-	-
SSB	SSB-MT	2010	13,800	Females	19+
TN	-	-	-	-	-
R	R-E00	2010	1,160,000	-	-
F	F-1/yr	2010	0.009	-	-
ER	ER-ratio	2010	0.006	-	-
TC	TC-MT	2010	445		
TL	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	SSB-MT/SSBmsy-pr-MT	2010	1.548		
F/Fmsy	F-1/yr/Fmsy-pr-1/yr	2010	0.179		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		



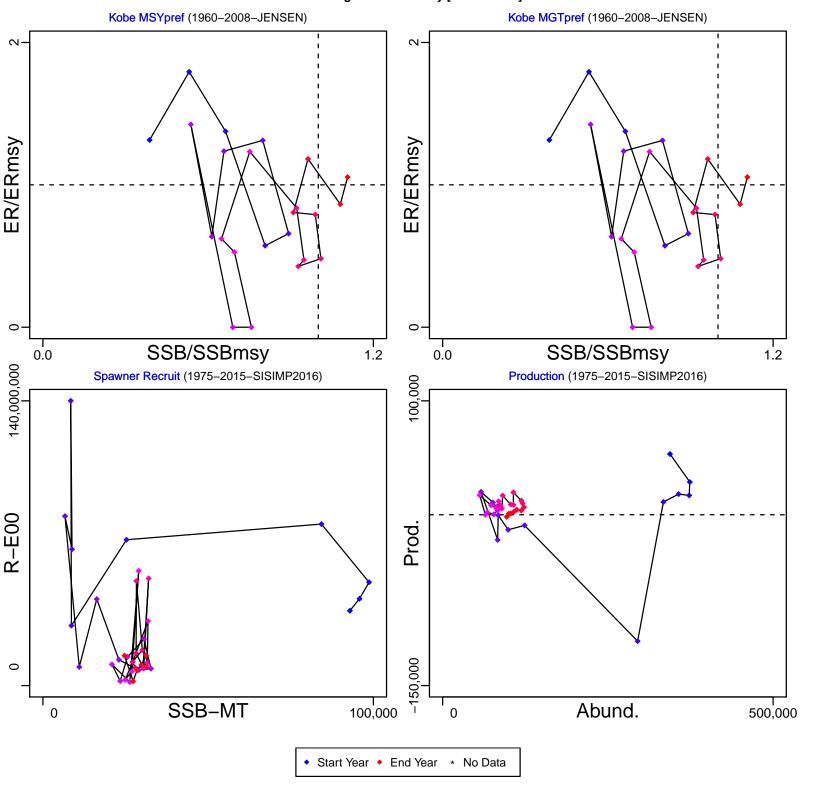


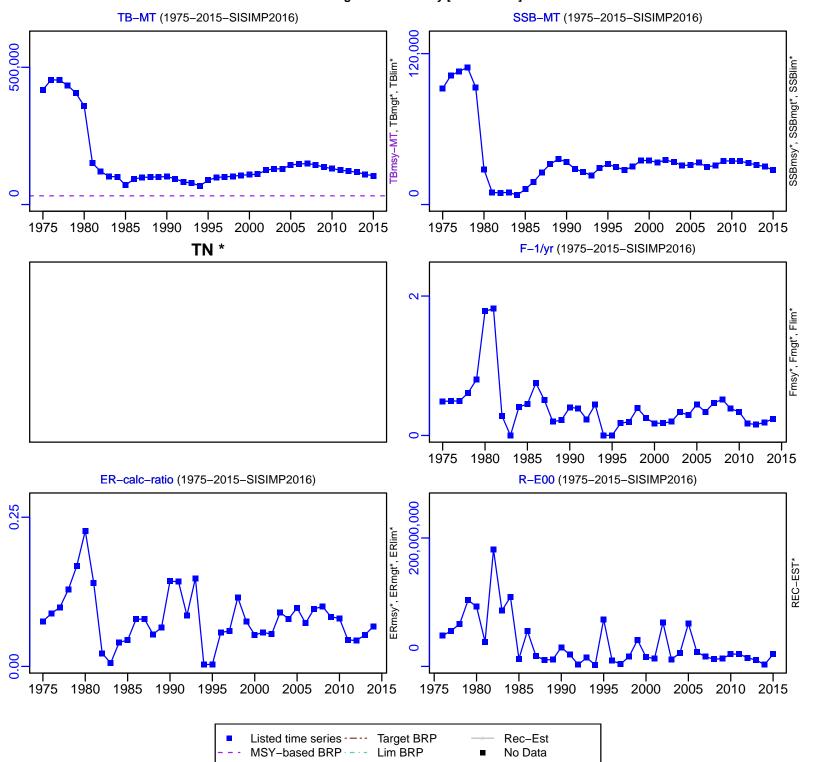


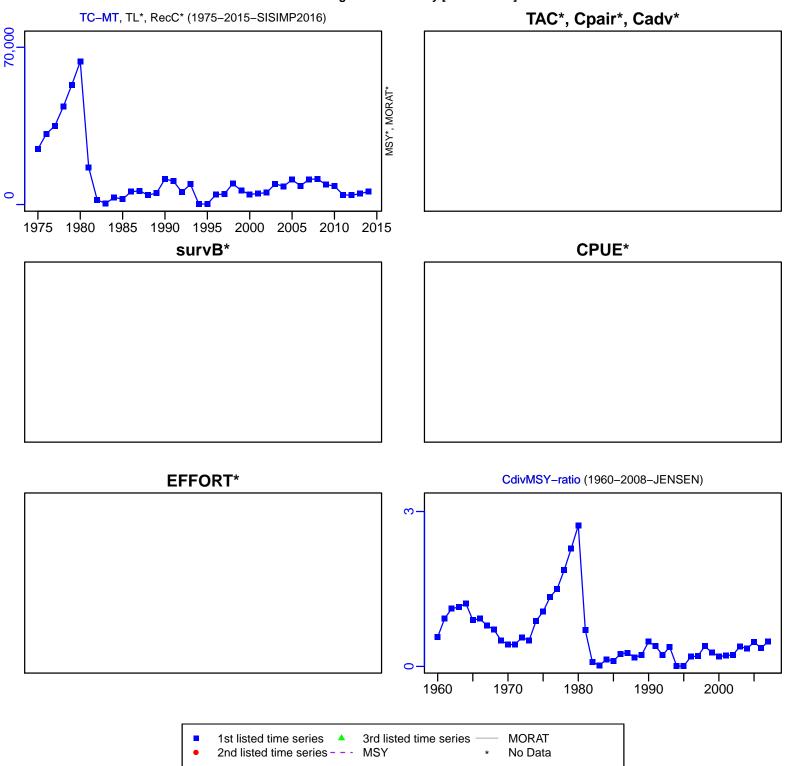
Metadata		
Scientific Name	Paralithodes camtschaticus	
Current Assess ID	AFSC-RKCRABBB-1975-2015-SISIMP2016	
Area Bristol Bay		
Management Authority National Marine Fisheries Service, US national management		
Assessor	Alaska Fisheries Science Center	
Asmts in RAM	2008, 2015	

Reference Points			
Туре	ID	Asmt Year	Value
TBmsy	TBmsy-MT	2015	26,100
SSBmsy	SSBmsy-MT	2008	34,070
Fmsy	-	-	-
ERmsy	ERmsy-pr-ratio	2008	0.33
TBmgt	-	-	-
SSBmgt	-	-	-
Fmgt	-	-	-
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	MSY-MT	2008	23,646
M	-	-	-
TBlim	-	-	-
SSBlim	-	-	-
Flim	-	-	-
ERlim	-	-	-

	Time Series				
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2015	86,100	-	-
SSB	SSB-MT	2015	24,700	Females	-
TN	-	-	-	-	-
R	R-E00	2015	14,700,000	-	-
F	F-1/yr	2015	0.2	-	-
ER	ER-calc-ratio	2015	0.06	-	-
TC	TC-MT	2015	5430		
TL	-	-	-		
TB/TBmsy	TB-MT/TBmsy-MT	2015	3.3		
SSB/SSBmsy	SSB-MT/SSBmsy-MT	2008	1.274		
F/Fmsy	-	-	-		
ER/ERmsy	ER-ratio/ERmsy-pr-ratio	2008	1.055		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		







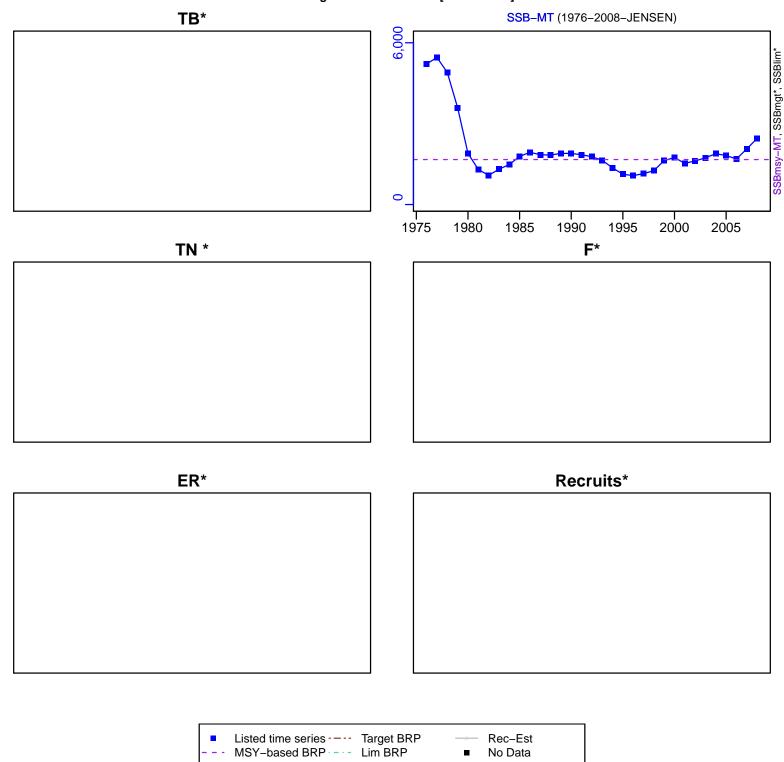
Metadata		
Scientific Name	Paralithodes camtschaticus	
Current Assess ID	AFSC-RKCRABNS-1976-2008-JENSEN	
Area Norton Sound		
Management Authority National Marine Fisheries Service, US national management		
Assessor Alaska Fisheries Science Center		
Asmts in RAM	2008	

Reference Points			
Type	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	SSBmsy-MT	2008	1618
Fmsy	-	-	-
ERmsy	-	-	-
TBmgt	-	-	-
SSBmgt	-	-	-
Fmgt	-	-	-
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	-	-	-
М	-	-	-
TBlim	-	-	-
SSBlim	-	-	-
Flim	-	-	-
ERlim	-	-	-

	Time Series				
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	-	-	-	-	-
SSB	SSB-MT	2008	2380	Males	-
TN	-	-	-	-	-
R	-	-	-	-	-
F	-	-	-	-	-
ER	-	-	-	-	-
TC	-	-	-		
TL	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	SSB-MT/SSBmsy-MT	2008	1.471		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

Production*
-

◆ Start Year ◆ End Year * No Data



TC*, TL*, RecC*	TAC*, Cpair*, Cadv*
	001154
survB*	CPUE*
EFFORT*	CdivMSY*
■ 1st listed time series ▲ 3rd	listed time series — MORAT

No Data

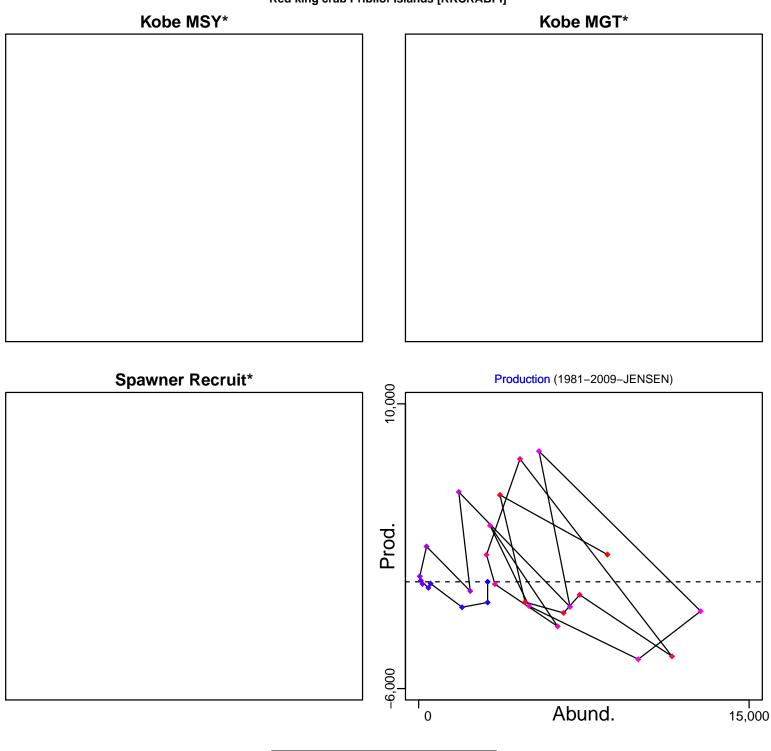
2nd listed time series - - - MSY

Red king crab Pribilof Islands [RKCRABPI]

Metadata		
Scientific Name	Paralithodes camtschaticus	
Current Assess ID	AFSC-RKCRABPI-1981-2009-JENSEN	
Area Pribilof Islands		
Management Authority National Marine Fisheries Service, US national management		
Assessor	Assessor Alaska Fisheries Science Center	
Asmts in RAM	2009	

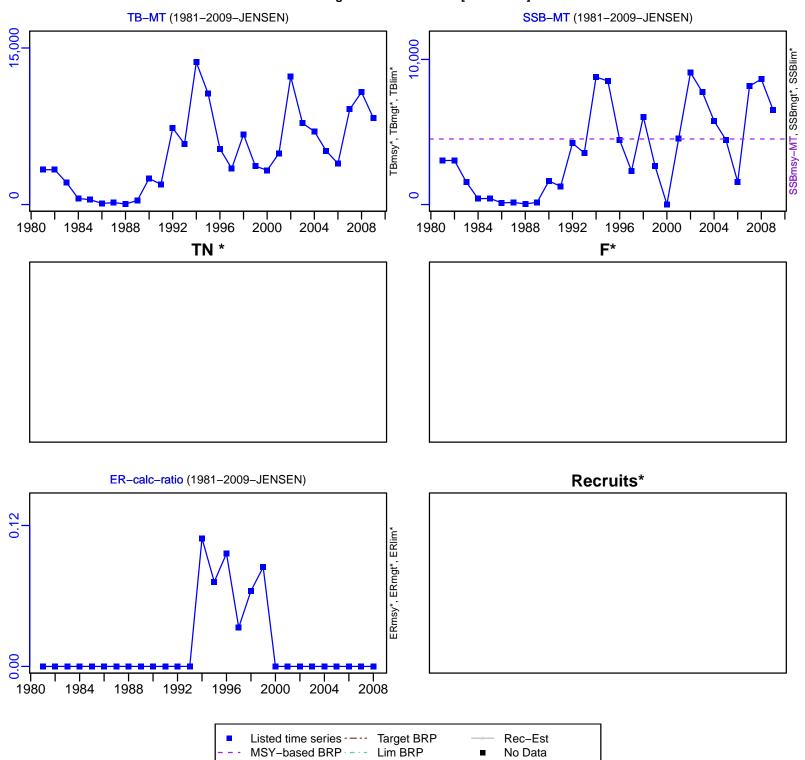
Reference Points				
Type	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	SSBmsy-MT	2009	3928	
Fmsy	-	-	-	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	-	-	-	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	-	-	-	
MSY	-	-	-	
М	M-1/yr	2009	0.18	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2009	7790	-	-
SSB	SSB-MT	2009	5670	Males	-
TN	-	-	-	-	-
R	-	-	-	-	-
F	-	-	-	-	-
ER	ER-calc-ratio	2009	0	-	-
TC	TC-MT	2009	0		
TL	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	SSB-MT/SSBmsy-MT	2009	1.442		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

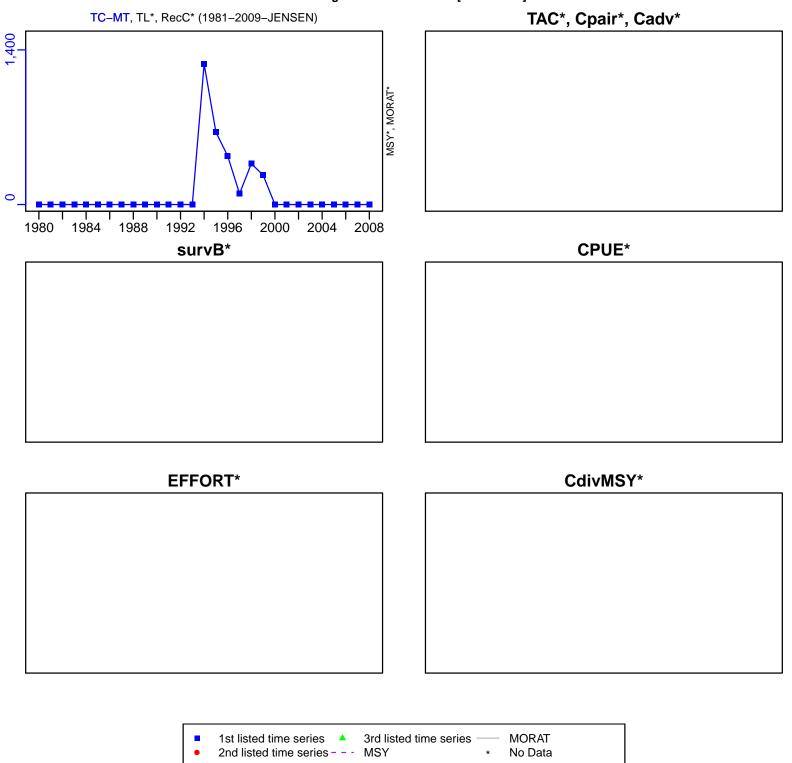


Start Year → End Year → No Data

Red king crab Pribilof Islands [RKCRABPI]



Red king crab Pribilof Islands [RKCRABPI]

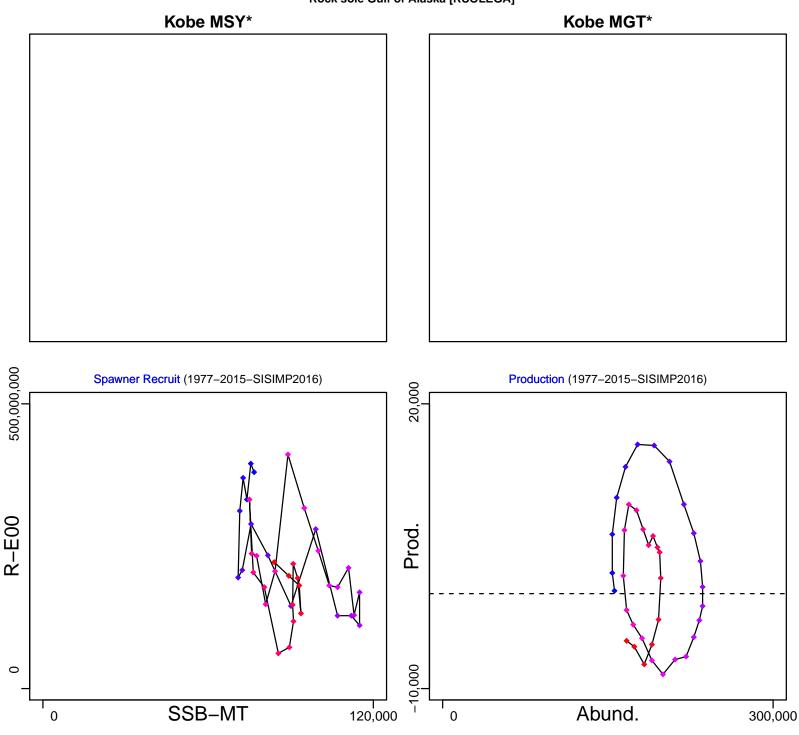


Rock sole Gulf of Alaska [RSOLEGA]

Metadata			
Scientific Name	Lepidopsetta bilineata		
Current Assess ID	AFSC-RSOLEGA-1977-2015-SISIMP2016		
Area	Gulf of Alaska		
Management Authority	National Marine Fisheries Service, US national management		
Assessor	Alaska Fisheries Science Center		
Asmts in RAM	2015		

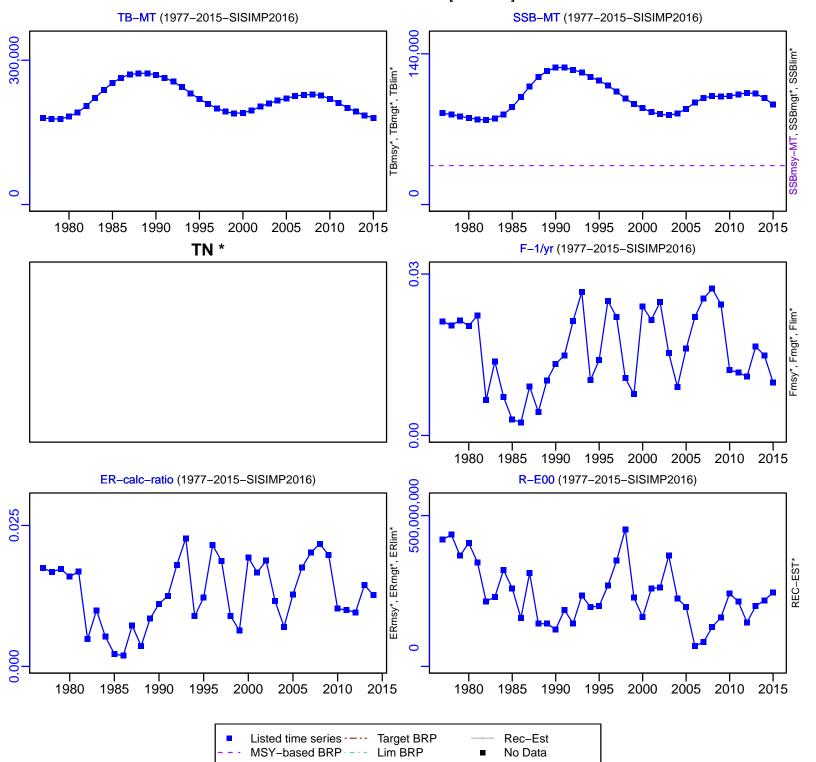
Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	SSBmsy-MT	2015	32,700	
Fmsy	-	-	-	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	-	-	-	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	-	-	-	
MSY	-	-	-	
M	-	-	-	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2015	156,000	-	3+
SSB	SSB-MT	2015	84,000	Females	-
TN	-	-	-	-	-
R	R-E00	2015	2.22×10^{8}	-	0
F	F-1/yr	2015	0.01	-	-
ER	ER-calc-ratio	2015	0.011	-	-
TC	TC-MT	2015	1720		,
TL	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	SSB-MT/SSBmsy-MT	2015	2.568		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

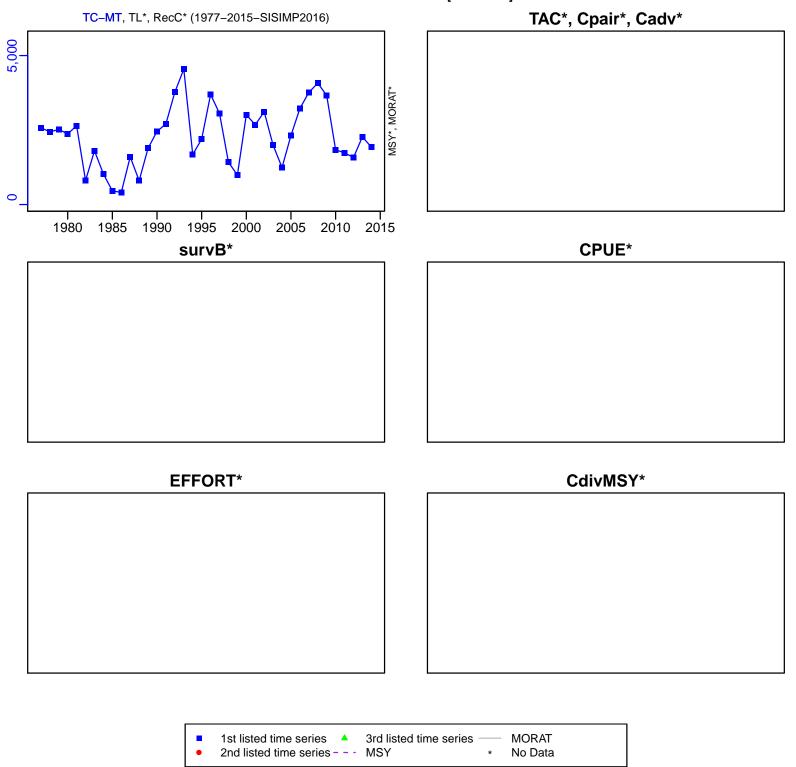


Start Year • End Year * No Data

Rock sole Gulf of Alaska [RSOLEGA]



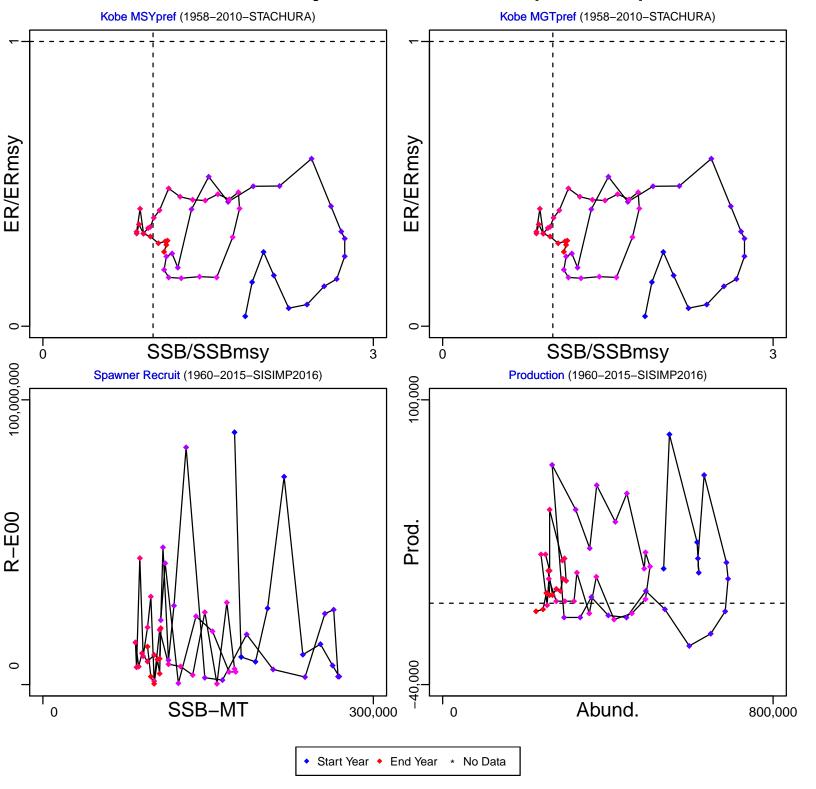
Rock sole Gulf of Alaska [RSOLEGA]

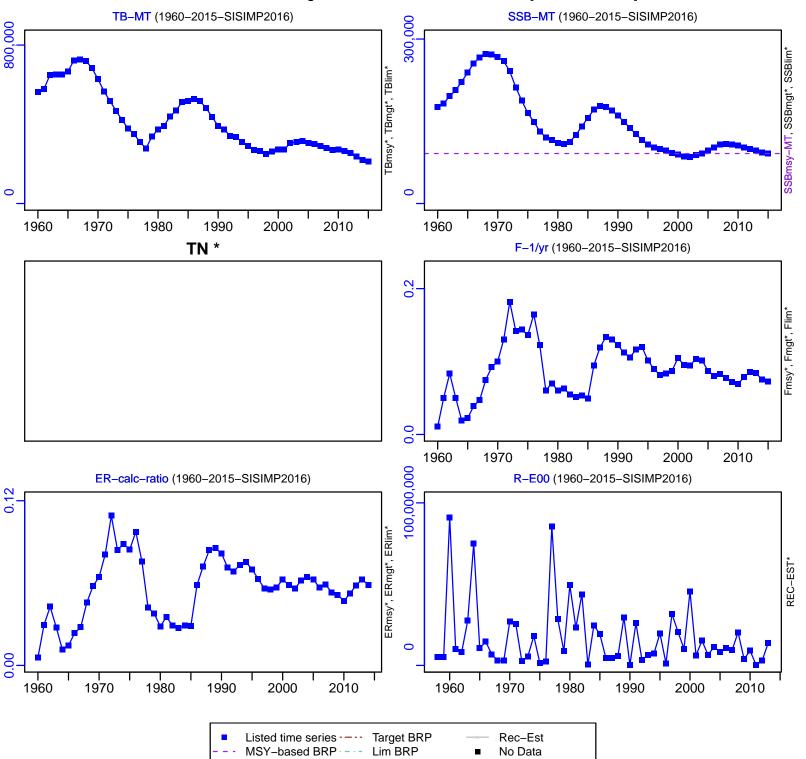


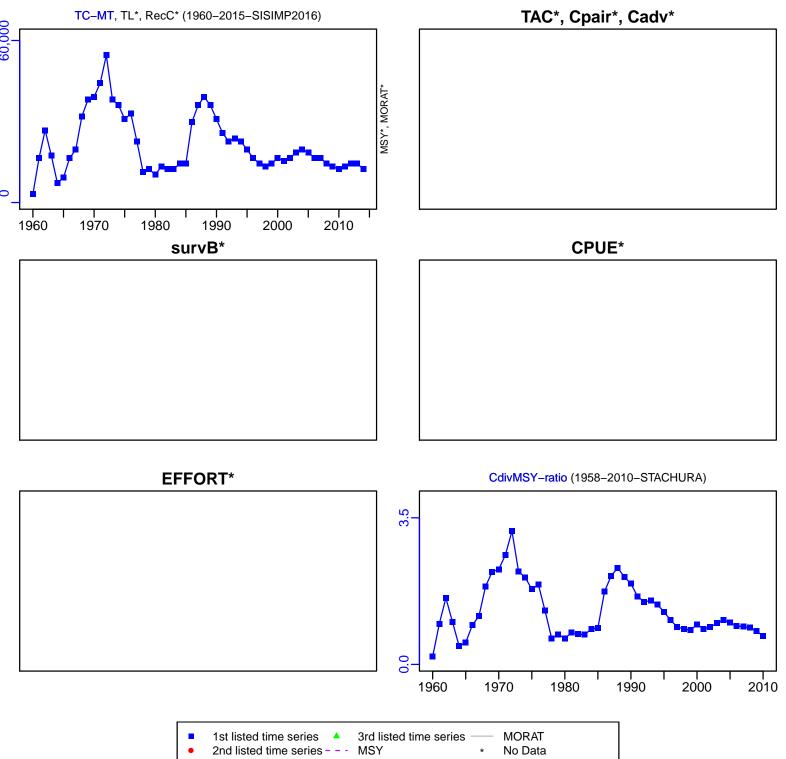
Metadata			
Scientific Name	Anoplopoma fimbria		
Current Assess ID	AFSC-SABLEFEBSAIGA-1960-2015-SISIMP2016		
Area Eastern Bering Sea / Aleutian Islands / Gulf of Alaska			
Management Authority	National Marine Fisheries Service, US national management		
Assessor	Alaska Fisheries Science Center		
Asmts in RAM	2010, 2015		

Reference Points					
Туре	ID	Asmt Year	Value		
TBmsy	TBmsy-calc-MT	2010	96,345		
SSBmsy	SSBmsy-MT	2015	89,956		
Fmsy	Fmsy-pr-1/yr	2010	0.106		
ERmsy	ERmsy-ratio	2010	0.197		
TBmgt	-	-	-		
SSBmgt	-	-	-		
Fmgt	-	-	-		
ERmgt	-	-	-		
TB0	-	-	-		
SSB0	SSB0-MT	2010	275,270		
MSY	MSY-MT	2010	18,950		
М	M-1/yr	2010	0.1		
TBlim	-	-	-		
SSBlim	-	-	-		
Flim	Flim-1/yr	2010	0.115		
ERlim	-	-	-		

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2015	202,000	Both	2+
SSB	SSB-MT	2015	90,000	Females	6.6
TN	-	-	-	-	-
R	R-E00	2015	13,300,000	-	2
F	F-1/yr	2015	0.064	-	-
ER	ER-calc-ratio	2015	0.058	-	-
TC	TC-MT	2015	12,000		
TL	-	-	-		
TB/TBmsy	TB-MT/TBmsy-calc-MT	2010	2.283		
SSB/SSBmsy	SSB-MT/SSBmsy-MT	2015	1		
F/Fmsy	F-1/yr/Fmsy-pr-1/yr	2010	0.585		
ER/ERmsy	ER-calc-ratio/ERmsy-ratio	2010	0.261		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		



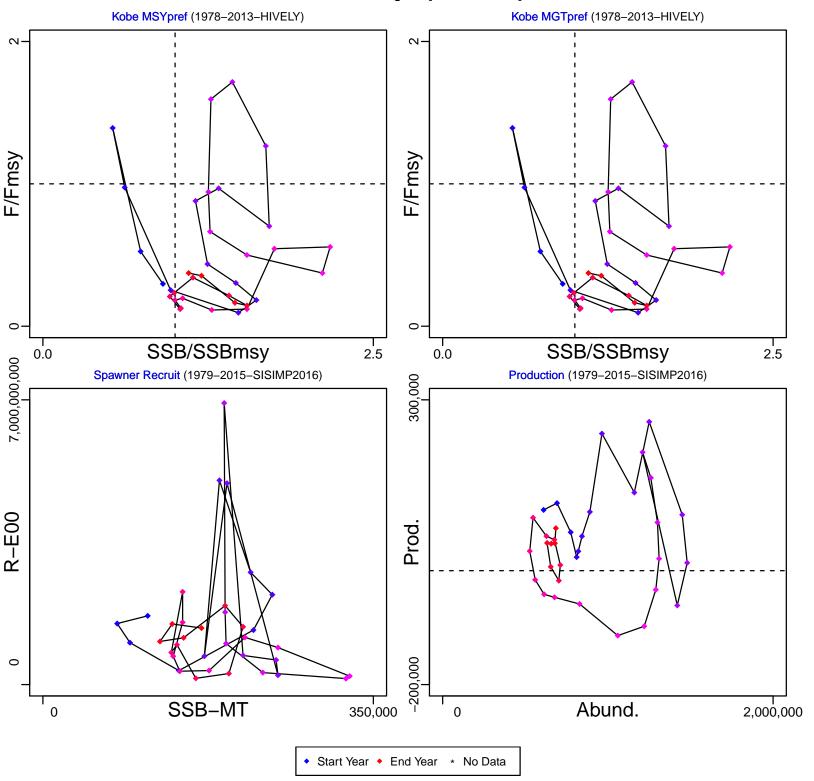


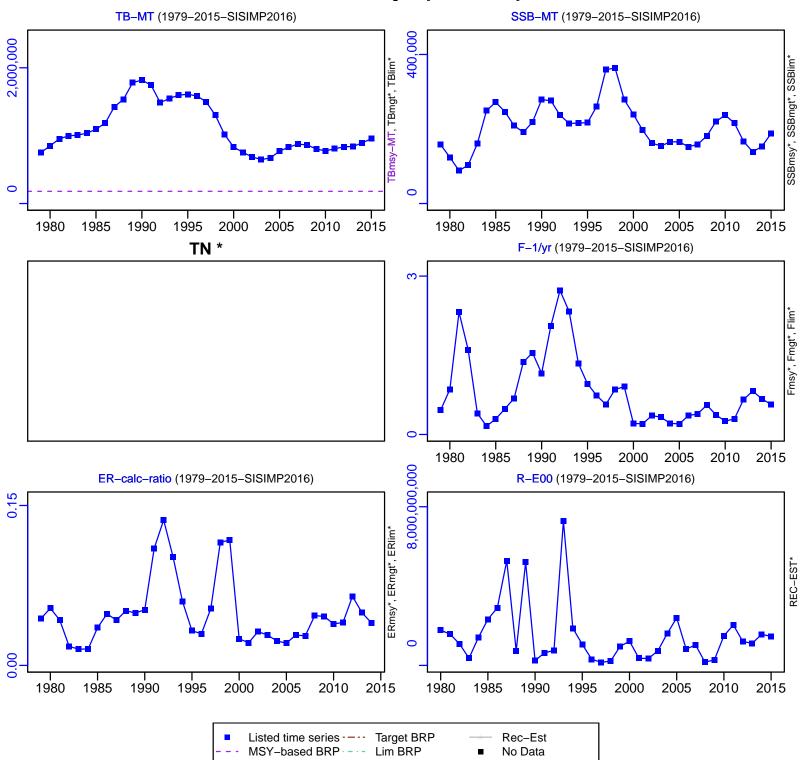


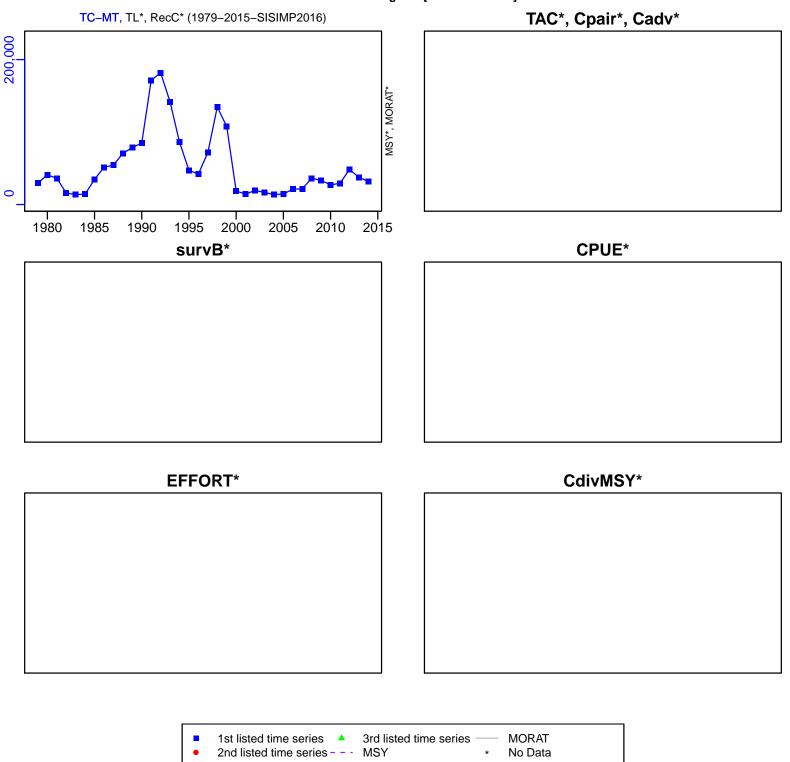
Metadata				
Scientific Name	Chionoecetes opilio			
Current Assess ID AFSC-SNOWCRABBS-1979-2015-SISIMP2016				
Area Bering Sea				
Management Authority National Marine Fisheries Service, US national manageme				
Assessor	Alaska Fisheries Science Center			
Asmts in RAM	2013, 2015			

Reference Points					
Туре	ID	Asmt Year	Value		
TBmsy	TBmsy-MT	2015	146,357		
SSBmsy	SSBmsy-pr-MT	2013	154,170		
Fmsy	Fmsy-pr-1/yr	2013	1.58		
ERmsy	-	-	-		
TBmgt	-	-	-		
SSBmgt	-	-	-		
Fmgt	-	-	-		
ERmgt	-	-	-		
TB0	-	-	-		
SSB0	-	-	-		
MSY	-	-	-		
M	M-1/yr	2013	0.18		
TBlim	-	-	-		
SSBlim	-	-	-		
Flim	-	-	-		
ERIIM	-	-	-		

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2015	777,000	-	-
SSB	SSB-MT	2015	168,000	Females	-
TN	-	-	-	-	-
R	R-E00	2015	1.39×10^{9}	-	-
F	F-1/yr	2015	0.54	-	-
ER	ER-calc-ratio	2015	0.038	-	-
TC	TC-MT	2015	27,800		
TL	-	-	-		
TB/TBmsy	TB-MT/TBmsy-MT	2015	5.311		
SSB/SSBmsy	SSB-MT/SSBmsy-pr-MT	2013	1.103		
F/Fmsy	F-1/yr/Fmsy-pr-1/yr	2013	0.373		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		





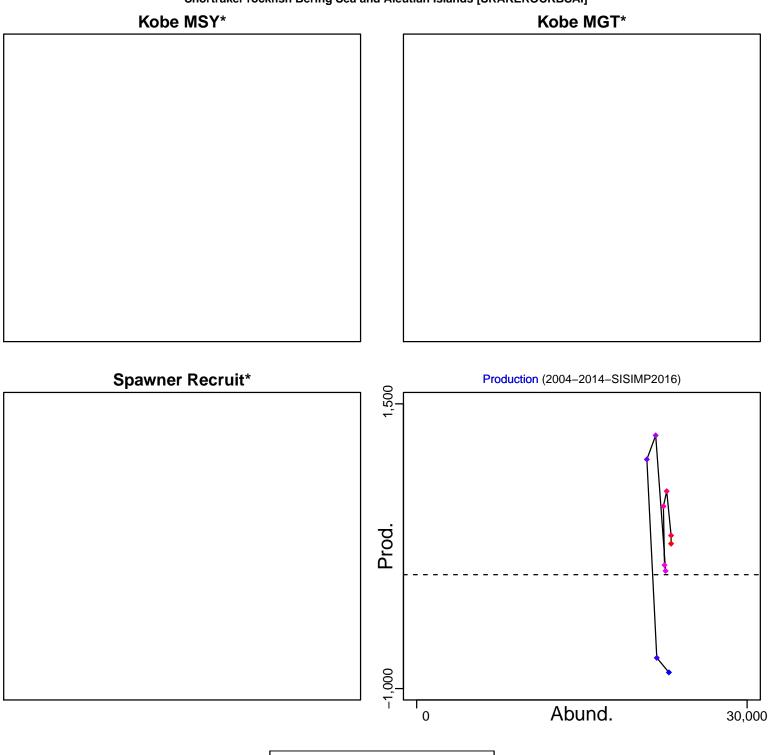


Shortraker rockfish Bering Sea and Aleutian Islands [SRAKEROCKBSAI]

Metadata				
Scientific Name	Sebastes borealis			
Current Assess ID AFSC-SRAKEROCKBSAI-2004-2014-SISIMP2016				
Area Bering Sea and Aleutian Islands				
Management Authority National Marine Fisheries Service, US national management				
Assessor Alaska Fisheries Science Center				
Asmts in RAM	2010, 2014			

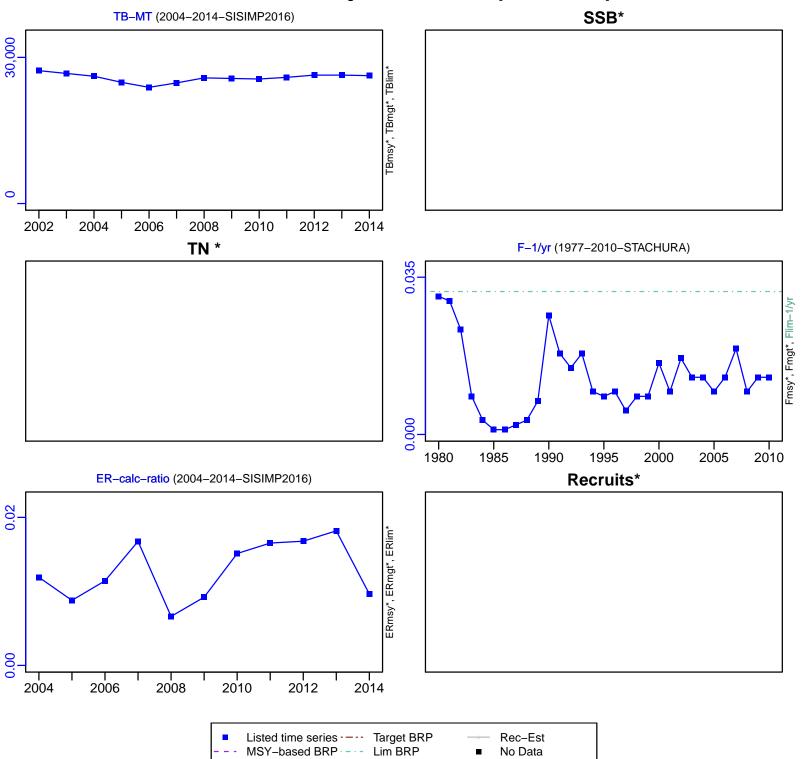
Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	-	-	-	
Fmsy	-	-	-	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	-	-	-	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	-	-	-	
MSY	-	-	-	
M	M-1/yr	2010	0.03	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	Flim-1/yr	2010	0.03	
ERlim	-	-	-	

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2014	23,000	-	-
SSB	-	-	-	-	-
TN	-	-	-	-	-
R	-	-	-	-	-
F	F-1/yr	2010	0.012	Both	-
ER	ER-calc-ratio	2014	0.009	-	-
TC	TC-MT	2014	197		
TL	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

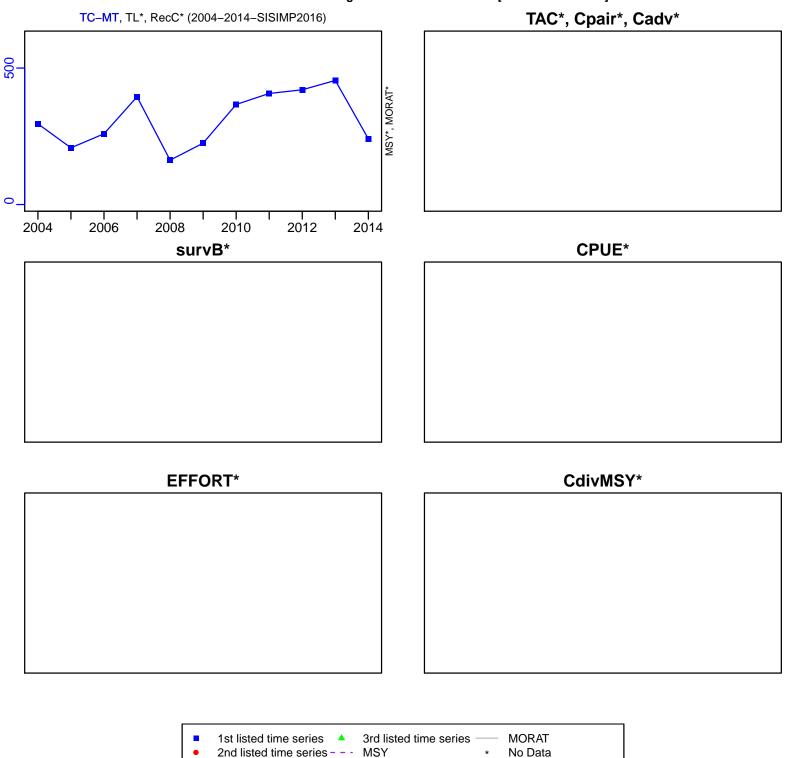


Start Year • End Year * No Data

Shortraker rockfish Bering Sea and Aleutian Islands [SRAKEROCKBSAI]



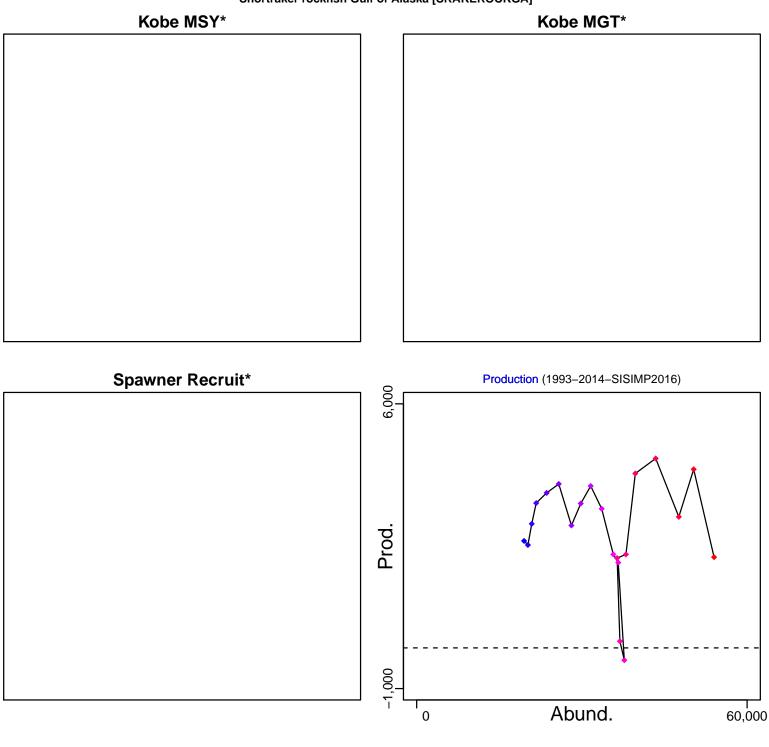
Shortraker rockfish Bering Sea and Aleutian Islands [SRAKEROCKBSAI]



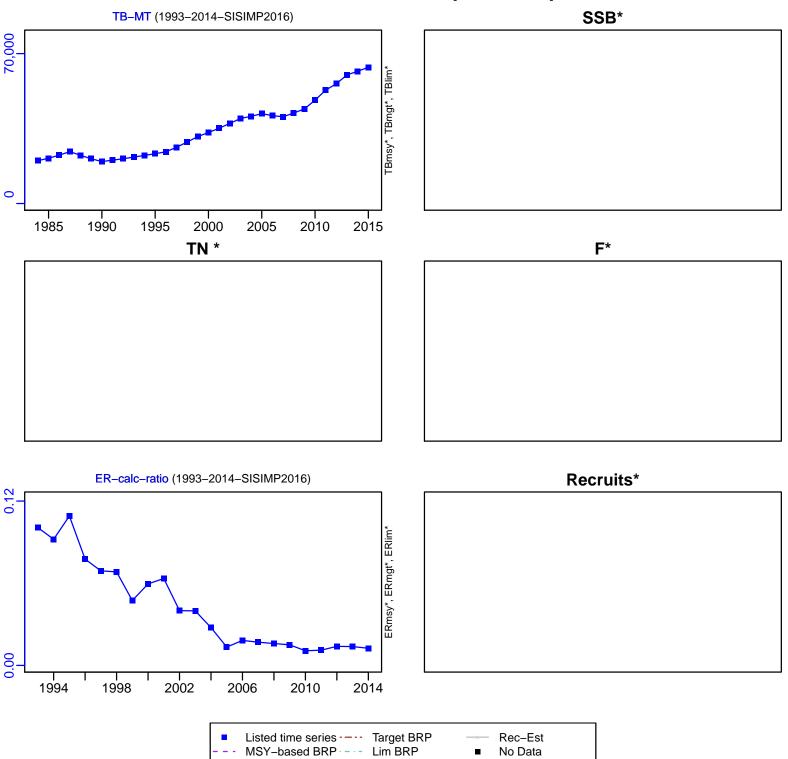
Metadata			
Scientific Name	Sebastes borealis		
Current Assess ID	AFSC-SRAKEROCKGA-1993-2014-SISIMP2016		
Area Gulf of Alaska			
Management Authority National Marine Fisheries Service, US national management			
Assessor Alaska Fisheries Science Center			
Asmts in RAM	2014		

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

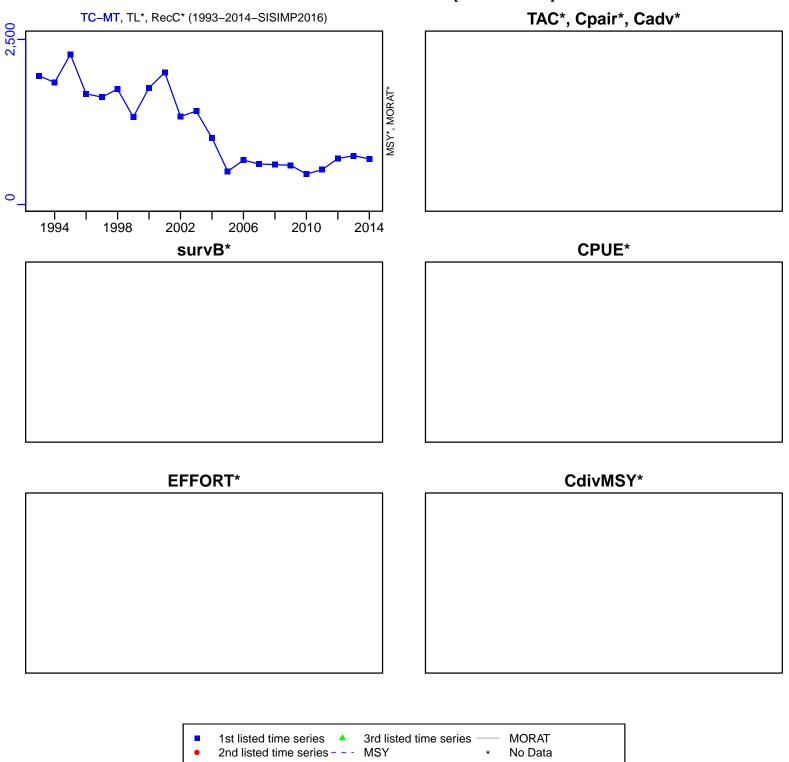
Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2014	57,200	-	-
SSB	-	-	-	-	-
TN	-	-	-	-	-
R	-	-	-	-	-
F	-	-	-	-	-
ER	ER-calc-ratio	2014	0.012	-	-
TC	TC-MT	2014	685		
TL	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	1	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		



Start Year → End Year → No Data



No Data

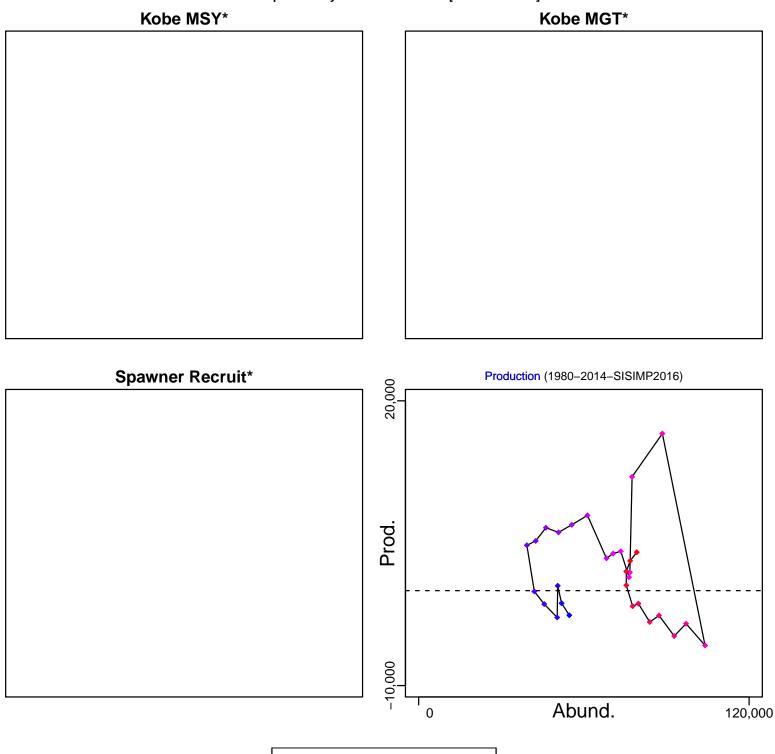


Shortspine thornyhead Gulf of Alaska [SSTHORNHGA]

Metadata				
Scientific Name	Sebastolobus alascanus			
Current Assess ID AFSC-SSTHORNHGA-1980-2014-SISIMP2016				
Area Gulf of Alaska				
Management Authority National Marine Fisheries Service, US national management				
Assessor Alaska Fisheries Science Center				
Asmts in RAM	2014			

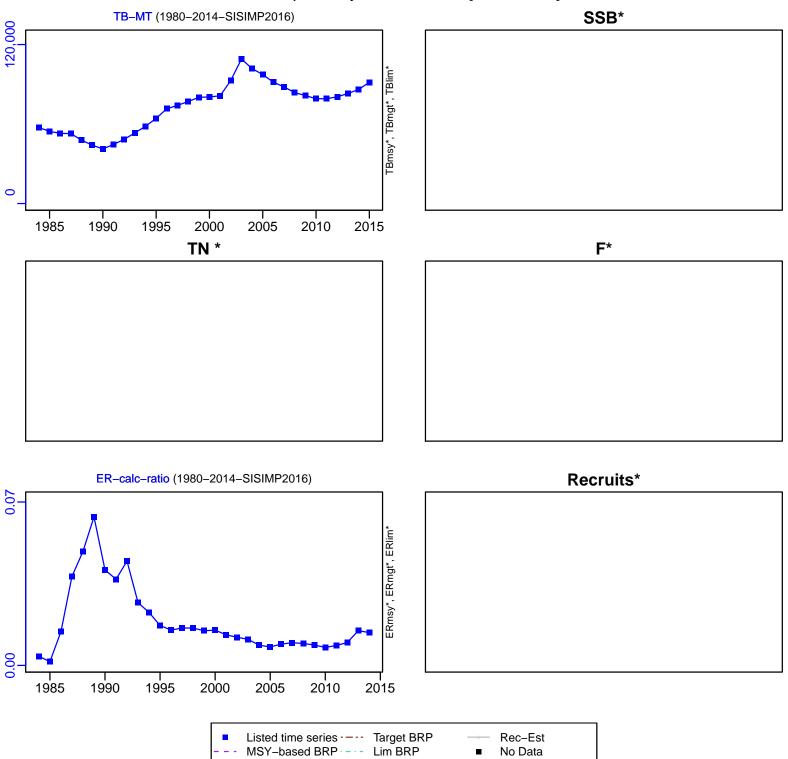
Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	-	-	-	
Fmsy	-	-	-	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	-	-	-	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	-	-	-	
MSY	-	-	-	
M	-	-	-	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2014	87,200	-	-
SSB	-	-	-	-	-
TN	-	-	-	-	-
R	-	-	-	-	-
F	-	-	-	-	-
ER	ER-calc-ratio	2014	0.014	-	-
TC	TC-MT	2014	1130		
TL	-	-	-]	
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		



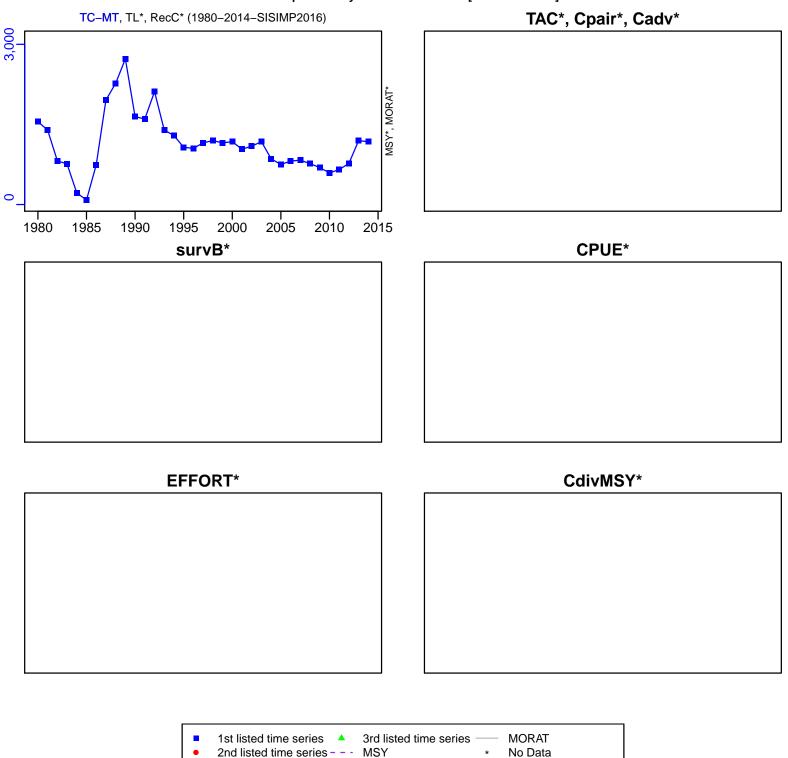
Start Year • End Year * No Data

Shortspine thornyhead Gulf of Alaska [SSTHORNHGA]



No Data

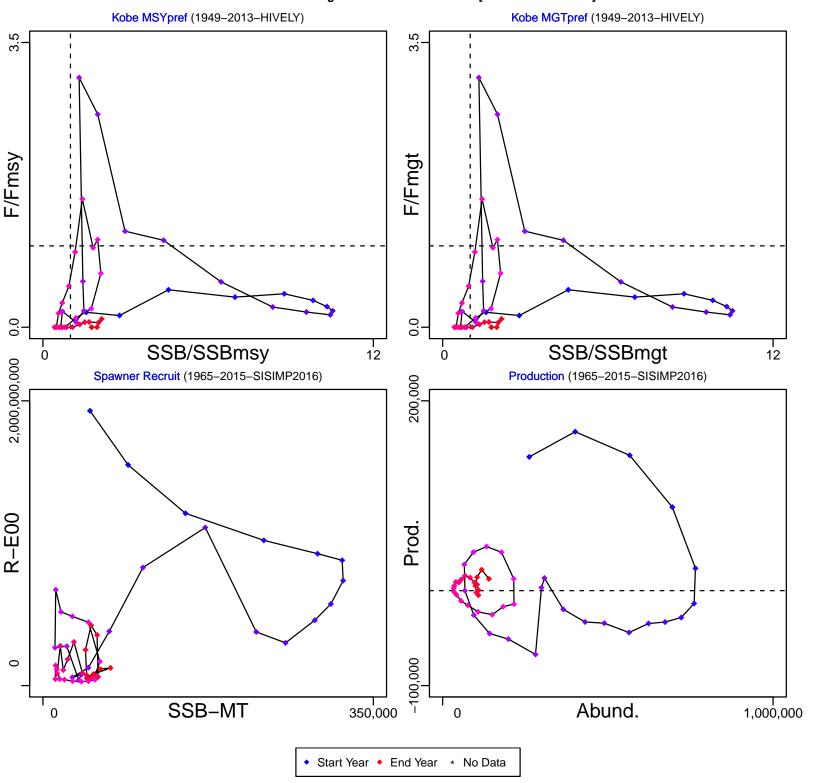
Shortspine thornyhead Gulf of Alaska [SSTHORNHGA]

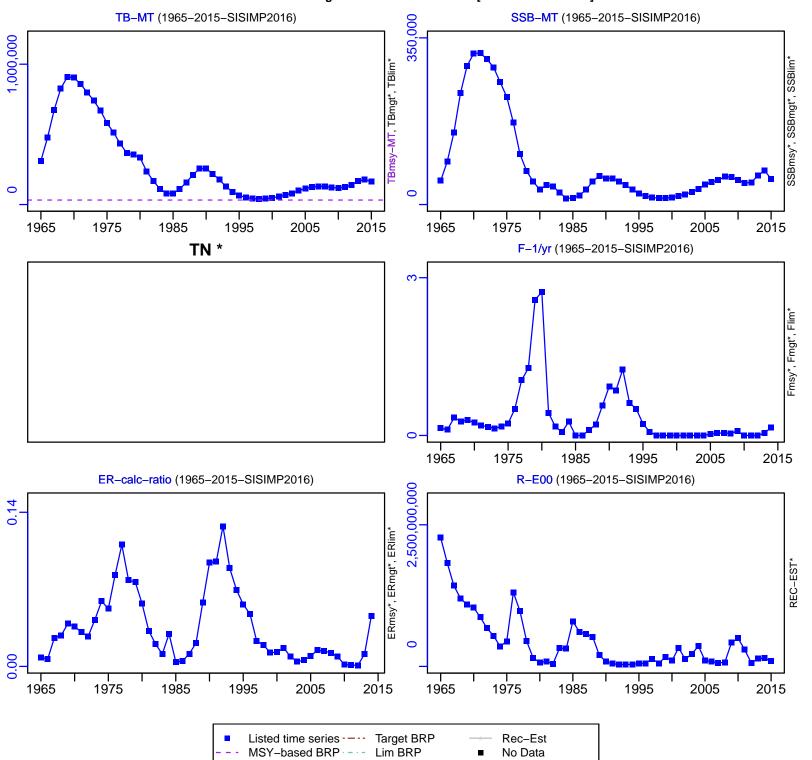


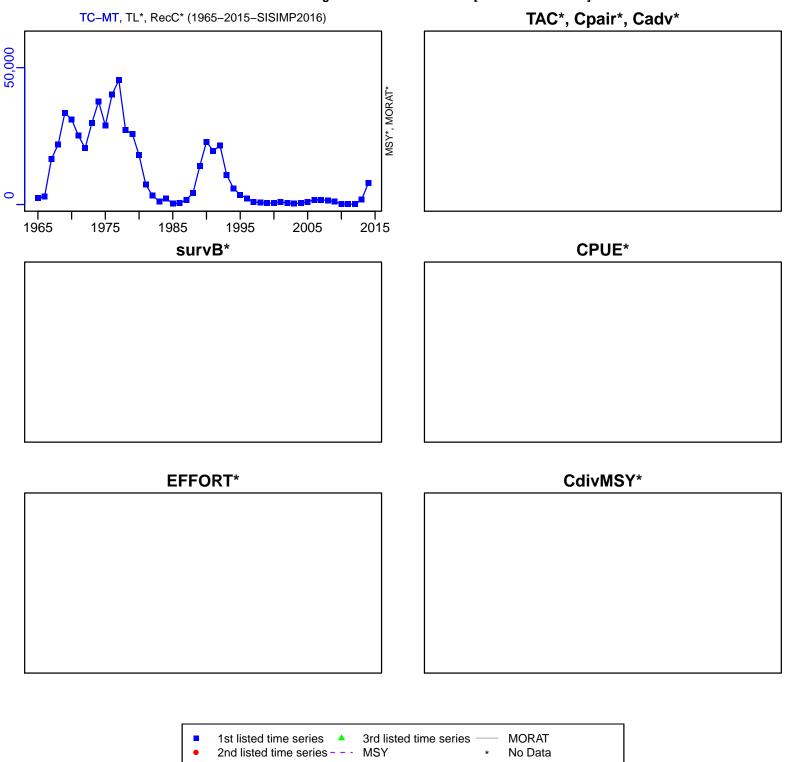
Metadata				
Scientific Name	Chionoecetes bairdi			
Current Assess ID AFSC-TANNERCRABBSAI-1965-2015-SISIMP2016				
Area Bering Sea and Aleutian Islands				
Management Authority National Marine Fisheries Service, US national management				
Assessor Alaska Fisheries Science Center				
Asmts in RAM	2013, 2015			

Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	TBmsy-MT	2015	26,791	
SSBmsy	SSBmsy-pr-MT	2013	33,540	
Fmsy	Fmsy-pr-1/yr	2013	0.73	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	SSBmgt-MT	2013	33,540	
Fmgt	Fmgt-1/yr	2013	0.73	
ERmgt	-	-	-	
TB0	0		-	
SSB0	-	-	-	
MSY	-	-	-	
М	-	-	-	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2015	137,000	-	-
SSB	SSB-MT	2015	53,700	Females	-
TN	-	-	-	-	-
R	R-E00	2015	80,700,000	-	-
F	F-1/yr	2015	0.144	-	-
ER	ER-calc-ratio	2015	0.043	-	-
TC	TC-MT	2015	6430		
TL	-	-	-		
TB/TBmsy	TB-MT/TBmsy-MT	2015	5.12		
SSB/SSBmsy	SSB-MT/SSBmsy-pr-MT	2013	1.771		
F/Fmsy	F-1/yr/Fmsy-pr-1/yr	2013	0		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2013	1.771		
F/Fmgt	F-1/yr/Fmgt-1/yr	2013	0		
ER/ERmgt	-	-	-		





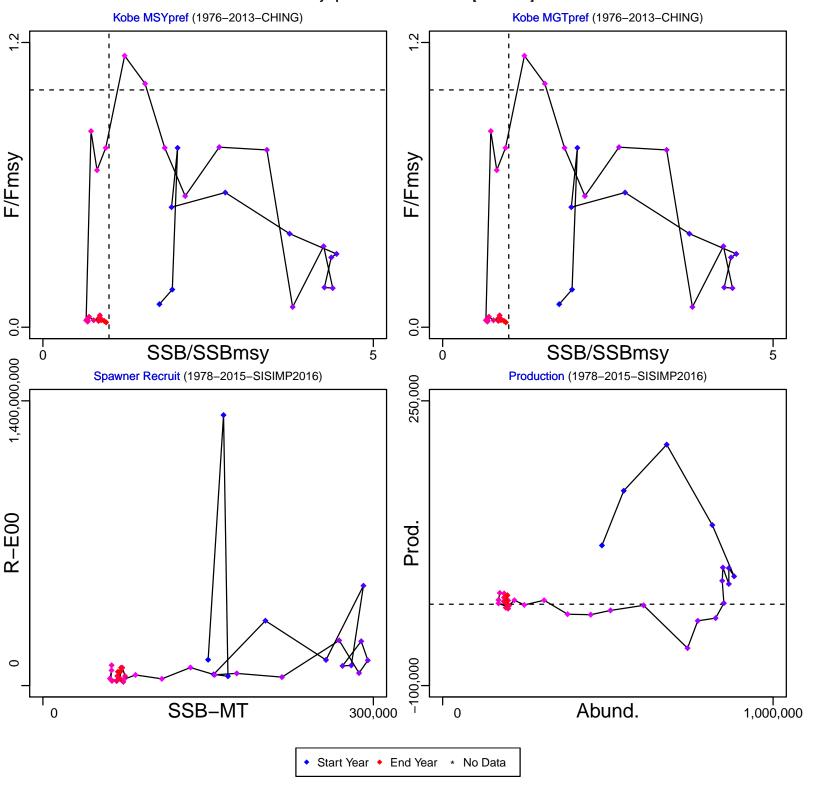


Walleye pollock Aleutian Islands [WPOLLAI]

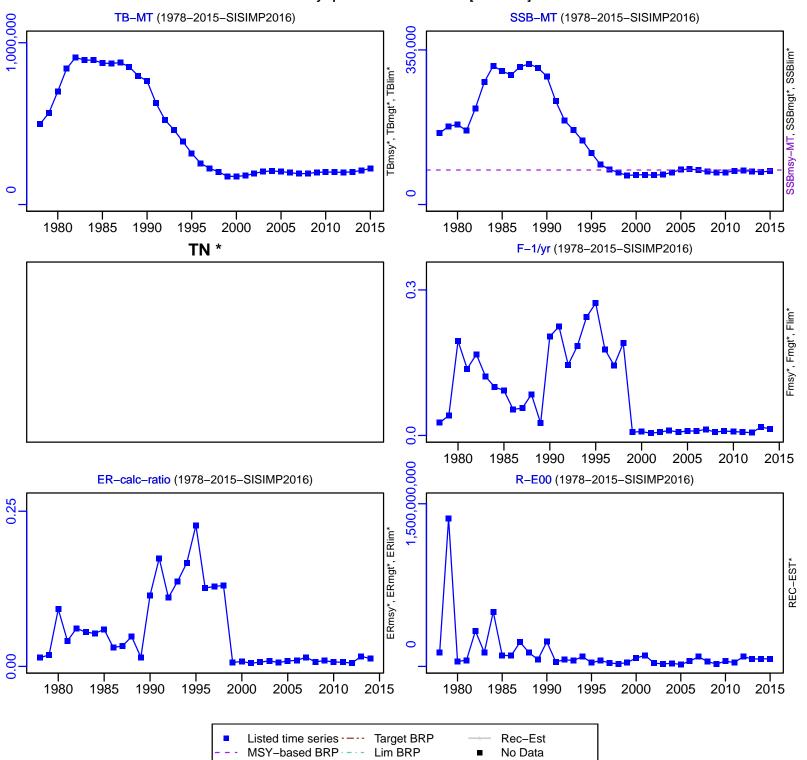
Metadata				
Scientific Name	Theragra chalcogramma			
Current Assess ID AFSC-WPOLLAI-1978-2015-SISIMP2016				
Area Aleutian Islands				
Management Authority National Marine Fisheries Service, US national management				
Assessor Alaska Fisheries Science Center				
Asmts in RAM	2013, 2015			

Reference Points					
Туре	ID	Asmt Year	Value		
TBmsy	-	-	-		
SSBmsy	SSBmsy-MT	2015	72,437		
Fmsy	Fmsy-pr-1/yr	2013	0.34		
ERmsy	-	-	-		
TBmgt	-	-	-		
SSBmgt	-	-	-		
Fmgt	-	-	-		
ERmgt	-	-	-		
TB0	-	-	-		
SSB0	-	-	-		
MSY	-	-	-		
M	-	-	-		
TBlim	-	-	-		
SSBlim	-	-	-		
Flim	-	-	-		
ERlim	-	-	-		

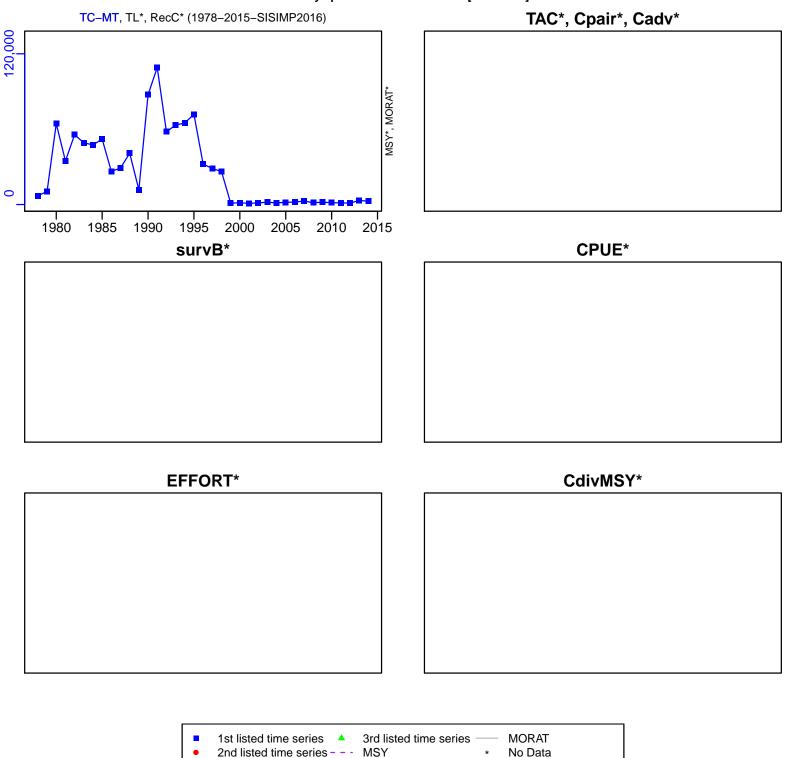
Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2015	216,000	-	1+
SSB	SSB-MT	2015	70,200	Females	4+
TN	-	-	-	-	-
R	R-E00	2015	68,200,000	-	0
F	F-1/yr	2015	0.012	-	-
ER	ER-calc-ratio	2015	0.012	-	-
TC	TC-MT	2015	2380		
TL	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	SSB-MT/SSBmsy-MT	2015	0.969		
F/Fmsy	F-1/yr/Fmsy-pr-1/yr	2013	0.021		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		



Walleye pollock Aleutian Islands [WPOLLAI]



Walleye pollock Aleutian Islands [WPOLLAI]

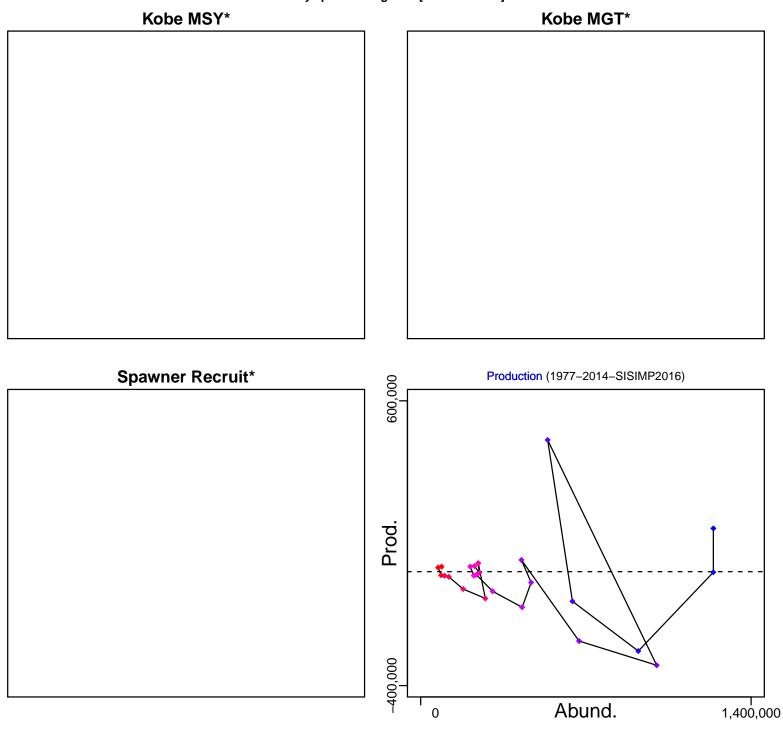


Walleye pollock Bogoslof [WPOLLBOGO]

Metadata				
Scientific Name	Theragra chalcogramma			
Current Assess ID AFSC-WPOLLBOGO-1977-2014-SISIMP2016				
Area Bogoslof				
Management Authority National Marine Fisheries Service, US national management				
Assessor Alaska Fisheries Science Center				
Asmts in RAM	2014			

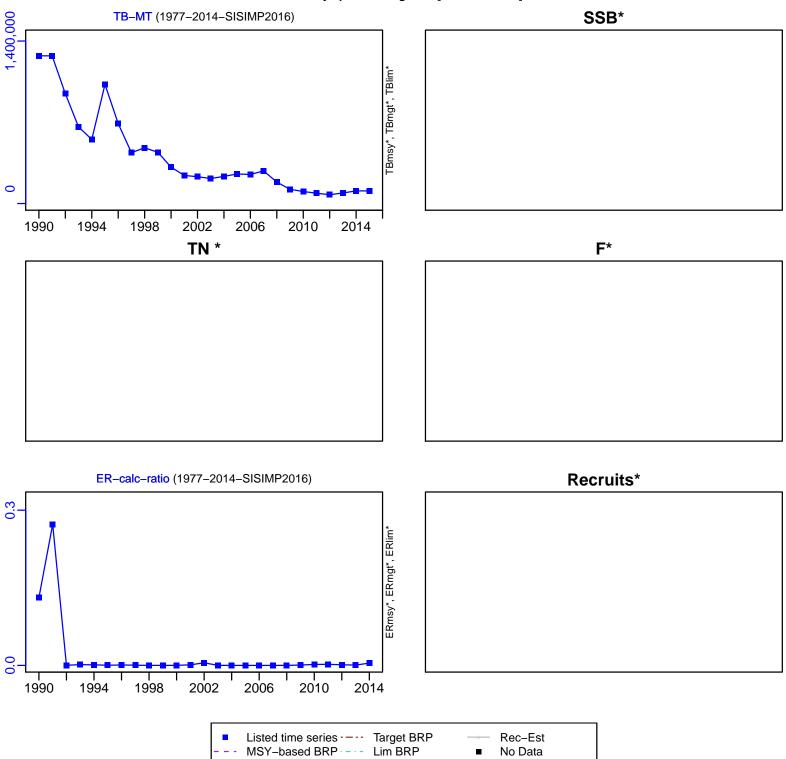
Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	-	-	-	
Fmsy	-	-	-	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	-	-	-	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	-	-	-	
MSY	-	-	-	
M	-	-	-	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

Time Series					
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2014	106,000	-	-
SSB	-	-	-	-	-
TN	-	-	-	-	-
R	-	-	-	-	-
F	-	-	-	-	-
ER	ER-calc-ratio	2014	0.004	-	-
TC	TC-MT	2014	428		
TL	-	-	-		
TB/TBmsy	-	-	-]	
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		



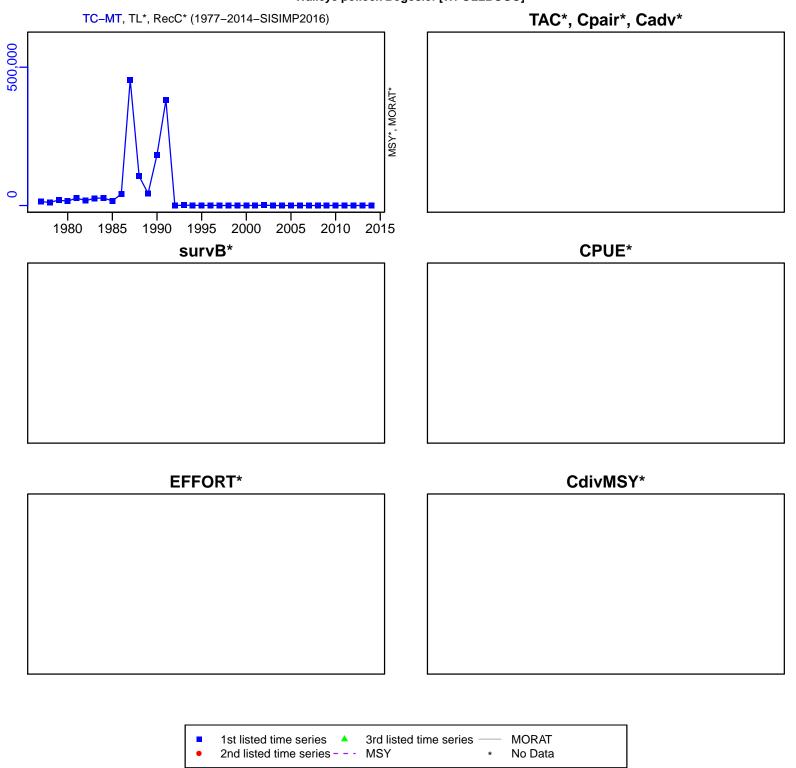
Start Year → End Year → No Data

Walleye pollock Bogoslof [WPOLLBOGO]



No Data

Walleye pollock Bogoslof [WPOLLBOGO]



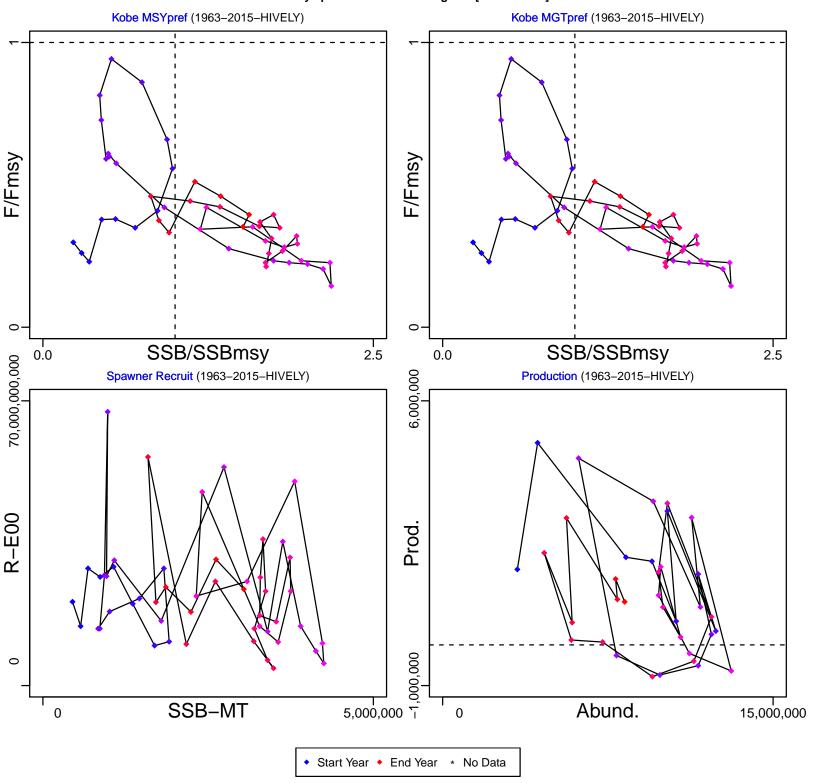
Walleye pollock Eastern Bering Sea [WPOLLEBS]

Metadata				
Scientific Name	Theragra chalcogramma			
Current Assess ID	AFSC-WPOLLEBS-1963-2015-HIVELY			
Area	Eastern Bering Sea			
Management Authority	rity National Marine Fisheries Service, US national management			
Assessor	Alaska Fisheries Science Center			
Asmts in RAM	2015			

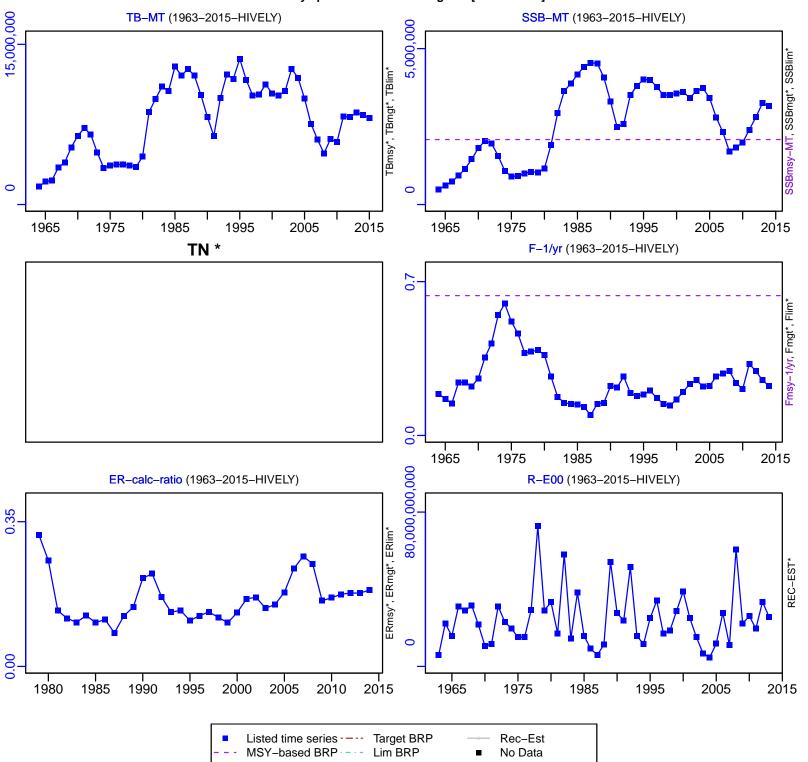
Reference Points							
Туре	ID	Asmt Year	Value				
TBmsy	-	-	-				
SSBmsy	SSBmsy-MT	2015	1,948,000				
Fmsy	Fmsy-1/yr	2015	0.587				
ERmsy	-	-	-				
TBmgt	-	-	-				
SSBmgt	-	-	-				
Fmgt	-	-	-				
ERmgt	-	-	-				
TB0	-	-	-				
SSB0	SSB0-MT	2015	5,162,000				
MSY	-	-	-				
M	M-1/yr	2015	0.3				
TBlim	-	-	-				
SSBlim	-	-	-				
Flim	-	-	-				
ERlim	-	-	-				

Time Series								
Туре	ID	Asmt Year	Curr Value	Sex	Age			
ТВ	TB-MT	2015	7,780,000	-	3+			
SSB	SSB-MT	2015	2,950,000	Females	4+			
TN	-	-	-	-	-			
R	R-E00	2015	2.37×10^{10}	-	1			
F	F-1/yr	2015	0.207	-	3 to 8			
ER	ER-calc-ratio	2015	0.16	-	-			
TC	TC-MT	2015	1,290,000					
TL	-	-	-					
TB/TBmsy	-	-	-					
SSB/SSBmsy	SSB-MT/SSBmsy-MT	2015	1.514					
F/Fmsy	F-1/yr/Fmsy-1/yr	2015	0.353					
ER/ERmsy	-	-	-					
TB/TBmgt	-	-	-					
SSB/SSBmgt	-	-	-					
F/Fmgt	-	-	-					
ER/ERmgt	-	-	-					

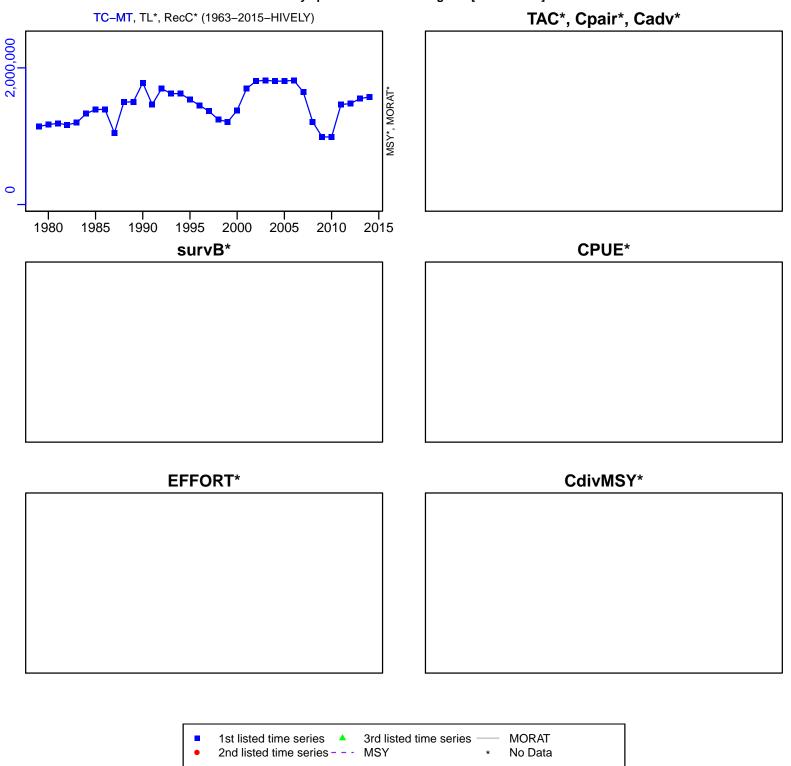
Walleye pollock Eastern Bering Sea [WPOLLEBS]



Walleye pollock Eastern Bering Sea [WPOLLEBS]



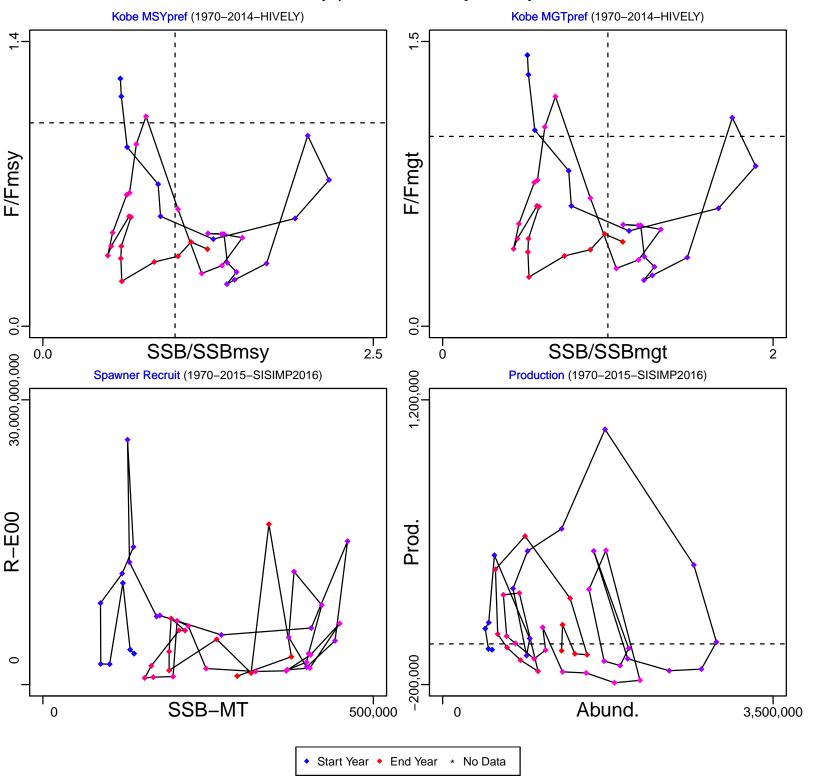
Walleye pollock Eastern Bering Sea [WPOLLEBS]

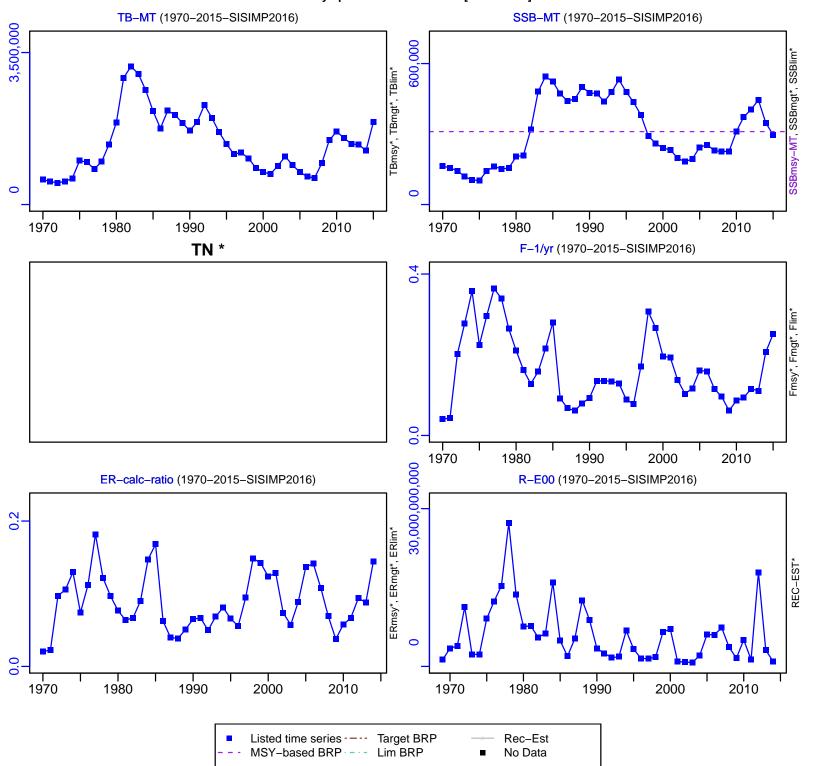


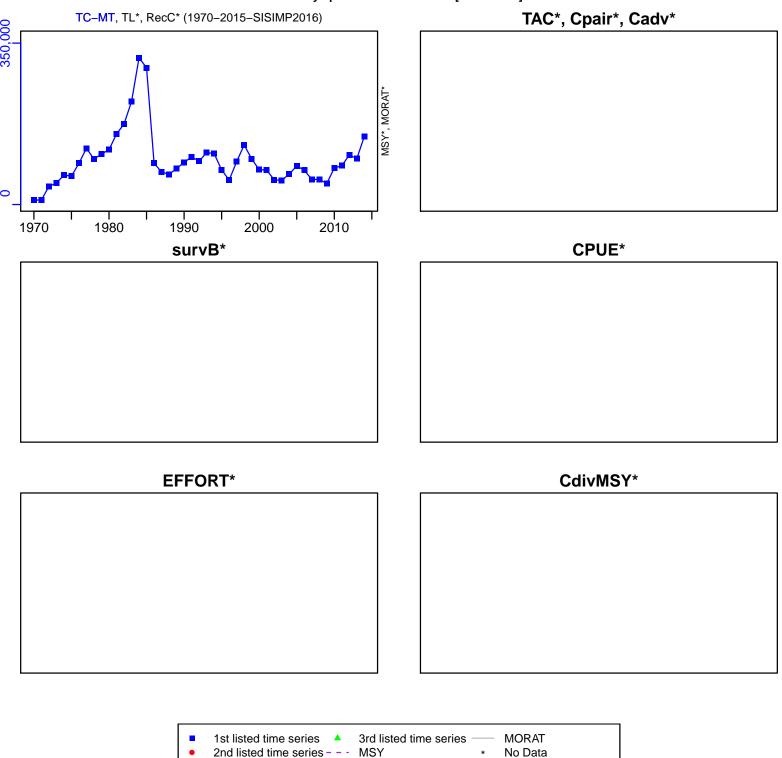
	Metadata
Scientific Name	Theragra chalcogramma
Current Assess ID	AFSC-WPOLLGA-1970-2015-SISIMP2016
Area	Gulf of Alaska
Management Authority	National Marine Fisheries Service, US national management
Assessor	Alaska Fisheries Science Center
Asmts in RAM	2014, 2015

Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	SSBmsy-MT	2015	262,344	
Fmsy	Fmsy-pr-1/yr	2014	0.285	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	SSBmgt-MT	2014	312,000	
Fmgt	Fmgt-1/yr	2014	0.243	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	-	-	-	
MSY	-	-	-	
М	M-1/yr	2014	0.3	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

	Tim	e Series			
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	TB-MT	2015	1,730,000	-	3+
SSB	SSB-MT	2015	251,000	Females	5+
TN	-	-	-	-	-
R	R-E00	2015	8.93×10^{8}	-	1
F	F-1/yr	2015	0.243	-	-
ER	ER-calc-ratio	2015	0.126	-	-
TC	TC-MT	2015	143,000		
TL	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	SSB-MT/SSBmsy-MT	2015	0.957		
F/Fmsy	F-1/yr/Fmsy-pr-1/yr	2014	0.621		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	SSB-MT/SSBmgt-MT	2014	1.09		
F/Fmgt	F-1/yr/Fmgt-1/yr	2014	0.728		
ER/ERmgt	-	-	-		







	Metadata
Scientific Name	Patinopecten caurinus
Current Assess ID	AFSC-WVSCALLALASKA-1994-2015-SISIMP2016
Area	Alaska
Management Authority	National Marine Fisheries Service, US national management
Assessor	Alaska Fisheries Science Center
Asmts in RAM	2015

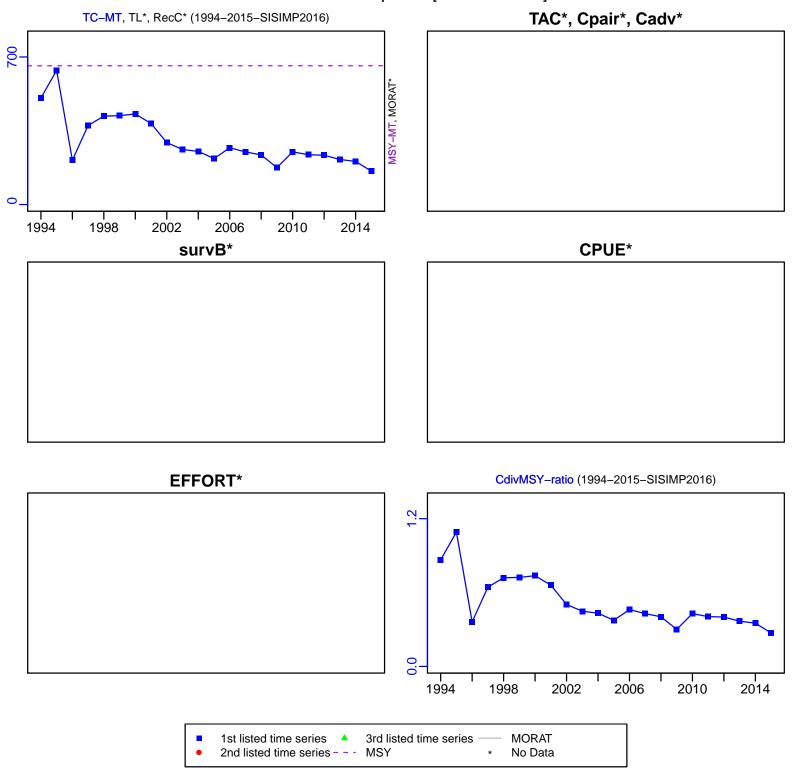
Reference Points				
Туре	ID	Asmt Year	Value	
TBmsy	-	-	-	
SSBmsy	-	-	-	
Fmsy	-	-	-	
ERmsy	-	-	-	
TBmgt	-	-	-	
SSBmgt	-	-	-	
Fmgt	-	-	-	
ERmgt	-	-	-	
TB0	-	-	-	
SSB0	-	-	-	
MSY	MSY-MT	2015	582	
M	-	-	-	
TBlim	-	-	-	
SSBlim	-	-	-	
Flim	-	-	-	
ERlim	-	-	-	

		Time Series			
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	-	-	-	-	-
SSB	-	-	-	-	-
TN	-	-	-	-	-
R	-	-	-	-	-
F	-	-	-	-	-
ER	-	-	-	-	-
TC	TC-MT	2015	140		
TL	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

Kobe MSY*	Kobe MGT*
	l
Spawner Recruit*	Production*

◆ Start Year ◆ End Year * No Data

TB*	SSB*
TN *	F*
ER*	Recruits*
ER	Reciuits
■ Listed time series Ta MSY-based BRP Li	arget BRP — Rec-Est
MSY-based BRP Li	m BRP ■ No Data



Metadata		
Scientific Name	Sebastes ruberrimus	
Current Assess ID	AFSC-YEYEROCKGA-1990-2014-SISIMP2016	
Area	Gulf of Alaska	
Management Authority	National Marine Fisheries Service, US national management	
Assessor	Alaska Fisheries Science Center	
Asmts in RAM	2014	

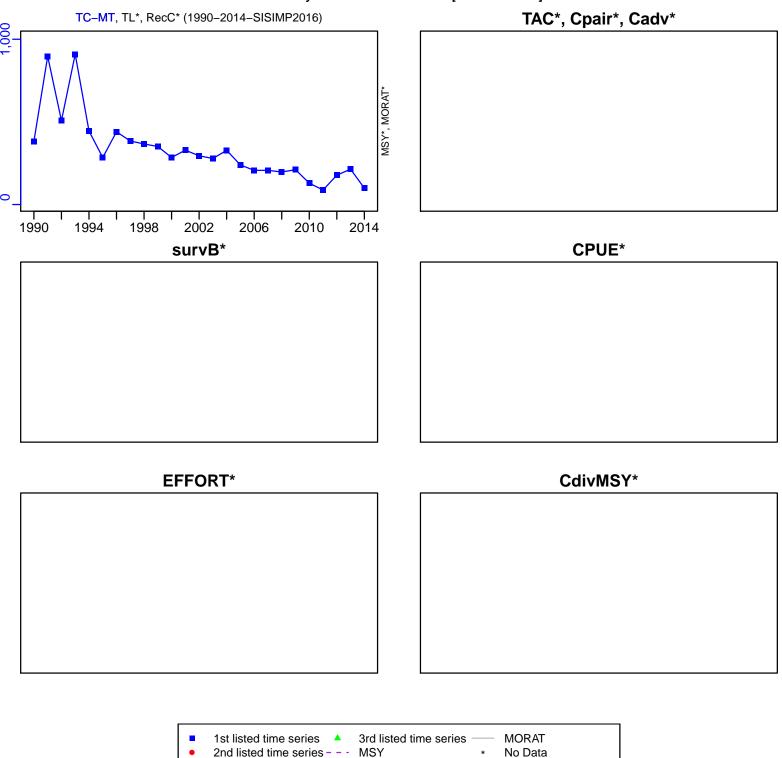
F	Refere	ence Points	
Туре	ID	Asmt Year	Value
TBmsy	-	-	-
SSBmsy	-	-	-
Fmsy	-	-	-
ERmsy	-	-	-
TBmgt	-	-	-
SSBmgt	-	-	-
Fmgt	-	-	-
ERmgt	-	-	-
TB0	-	-	-
SSB0	-	-	-
MSY	-	-	-
M	-	-	-
TBlim	-	-	-
SSBlim	-	-	-
Flim	-	-	-
ERlim	-	-	-

		Time Series			
Туре	ID	Asmt Year	Curr Value	Sex	Age
ТВ	-	-	-	-	-
SSB	-	-	-	-	-
TN	-	-	-	-	-
R	-	-	-	-	-
F	-	-	-	-	-
ER	-	-	-	-	-
TC	TC-MT	2014	98		
TL	-	-	-		
TB/TBmsy	-	-	-		
SSB/SSBmsy	-	-	-		
F/Fmsy	-	-	-		
ER/ERmsy	-	-	-		
TB/TBmgt	-	-	-		
SSB/SSBmgt	-	-	-		
F/Fmgt	-	-	-		
ER/ERmgt	-	-	-		

Kobe MSY*	Kobe MGT*
Spawner Recruit*	Production*

◆ Start Year ◆ End Year * No Data

TB*	SSB*				
TN *	F*				
ED*	De evvite*				
ER*	Recruits*				
	I L				
■ Listed time series Ta	arget BRP — Rec-Est				
■ Listed time series Target BRP — Rec-Est MSY-based BRP Lim BRP ■ No Data					



Metadata				
Scientific Name	Limanda aspera			
Current Assess ID	AFSC-YSOLEBSAI-1954-2015-SISIMP2016			
Area	Bering Sea and Aleutian Islands			
Management Authority	National Marine Fisheries Service, US national management			
Assessor	Alaska Fisheries Science Center			
Asmts in RAM	2010, 2015			

Reference Points						
Туре	ID	Asmt Year	Year Value			
TBmsy	-	-	-			
SSBmsy	SSBmsy-MT	2015	435,000			
Fmsy	Fmsy-pr-1/yr	2010	0.13			
ERmsy	-	-	-			
TBmgt	-	-	-			
SSBmgt	-	-	-			
Fmgt	-	-	-			
ERmgt	-	-	-			
TB0	-	-	-			
SSB0	-	-	-			
MSY	-	-	-			
М	M-1/yr	2010	0.12			
TBlim	-	-	-			
SSBlim	-	-	-			
Flim	-	-	-			
ERlim	-	-	-			

Time Series							
Туре	ID	Asmt Year	Curr Value	Sex	Age		
ТВ	TB-MT	2015	2,310,000	-	1+		
SSB	SSB-MT	2015	697,000	Females	10.5+		
TN	-	-	-	-	-		
R	R-E00	2015	2,220,000	-	1		
F	F-1/yr	2015	0.088	-	-		
ER	ER-calc-ratio	2015	0.067	-	-		
TC	TC-MT	2015	157,000				
TL	-	-	-				
TB/TBmsy	-	-	-				
SSB/SSBmsy	SSB-MT/SSBmsy-MT	2015	1.603				
F/Fmsy	F-1/yr/Fmsy-pr-1/yr	2010	0.615				
ER/ERmsy	-	-	-				
TB/TBmgt	-	-	-				
SSB/SSBmgt	-	-	-				
F/Fmgt	-	-	-				
ER/ERmgt	-	-	-				

