

Indian Ocean Stocks

v4.25 (Dec-14-2017)

1. Albacore tuna Indian Ocean [ALBAIO]
2. Bigeye tuna Indian Ocean [BIGEYEIO]
3. Black marlin Indian Ocean [BLKMARLINIO]
4. Indo-Pacific blue marlin Indian Ocean [BMARLINIO]
5. Southern bluefin tuna Southern Oceans [SBT]
6. Skipjack tuna Indian Ocean [SKJCIO]
7. Striped marlin Indian Ocean [STMARLINIO]
8. Swordfish Indian Ocean [SWORDIO]
9. Yellowfin tuna Indian Ocean [YFINEIO]

Albacore tuna Indian Ocean [ALBAIO]

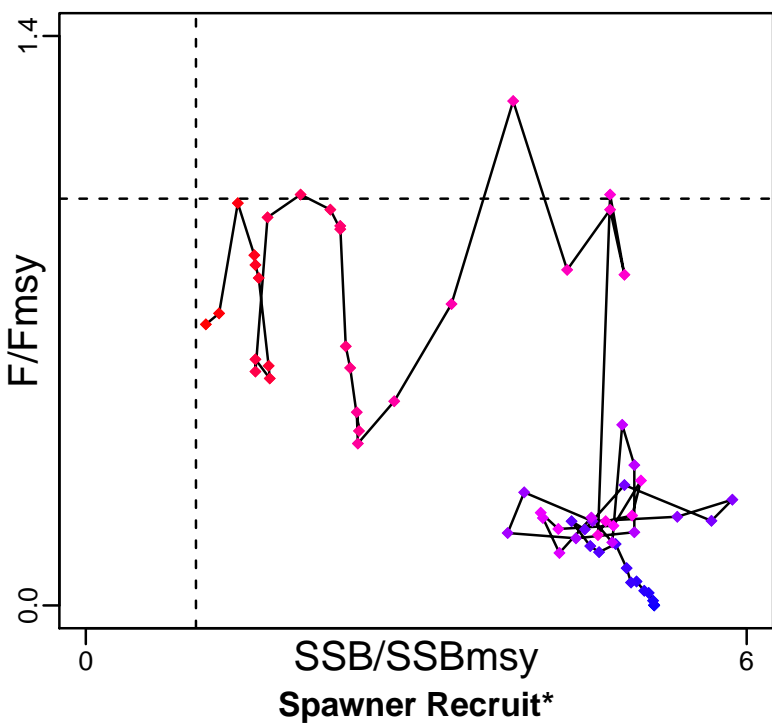
| Metadata | |
|-----------------------------|------------------------------|
| Scientific Name | Thunnus alalunga |
| Current Assess ID | IOTC-ALBAIO-1950-2014-PONS |
| Area | Indian Ocean |
| Management Authority | Indian Ocean Tuna Commission |
| Assessor | Indian Ocean Tuna Commission |
| Asmts in RAM | 2014 |

| Reference Points | | | |
|------------------|------------------|-----------|---------|
| Type | ID | Asmt Year | Value |
| TBmsy | - | - | - |
| SSBmsy | SSBmsy-MT | 2014 | 45,281 |
| Fmsy | Fmsy-1/yr | 2014 | 0.06 |
| ERmsy | ERmsy-conv-ratio | 2014 | 0.23 |
| TBmgt | - | - | - |
| SSBmgt | - | - | - |
| Fmgt | - | - | - |
| ERmgt | - | - | - |
| TB0 | - | - | - |
| SSB0 | SSB0-MT | 2014 | 187,325 |
| MSY | MSY-MT | 2014 | 40,569 |
| M | M-1/yr | 2014 | 0.3 |
| TBlim | - | - | - |
| SSBlim | - | - | - |
| Flim | - | - | - |
| ERlim | - | - | - |

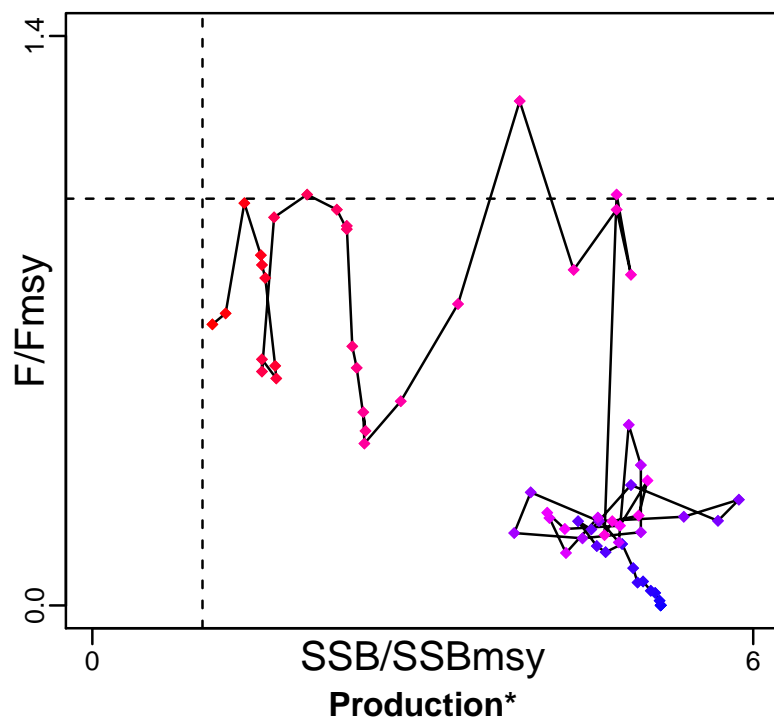
| Time Series | | | | | |
|-------------------|----------------------------|-----------|------------|-----|-----|
| Type | ID | Asmt Year | Curr Value | Sex | Age |
| TB | - | - | - | - | - |
| SSB | - | - | - | - | - |
| TN | - | - | - | - | - |
| R | - | - | - | - | - |
| F | - | - | - | - | - |
| ER | - | - | - | - | - |
| TC | - | - | - | | |
| TL | TL-MT | 2014 | 36,700 | | |
| TB/TBmsy | - | - | - | | |
| SSB/SSBmsy | SSBdivSSBmsy-dimensionless | 2014 | 1.09 | | |
| F/Fmsy | FdivFmsy-dimensionless | 2014 | 0.69 | | |
| ER/ERmsy | - | - | - | | |
| TB/TBmgt | - | - | - | | |
| SSB/SSBmgt | - | - | - | | |
| F/Fmgt | - | - | - | | |
| ER/ERmgt | - | - | - | | |

Albacore tuna Indian Ocean [ALBAIO]

Kobe MSYpref (1950–2014–PONS)



Kobe MGTpref (1950–2014–PONS)



◆ Start Year ◆ End Year * No Data

Albacore tuna Indian Ocean [ALBAIO]

TB*



SSB*



TN *



F*



ER*



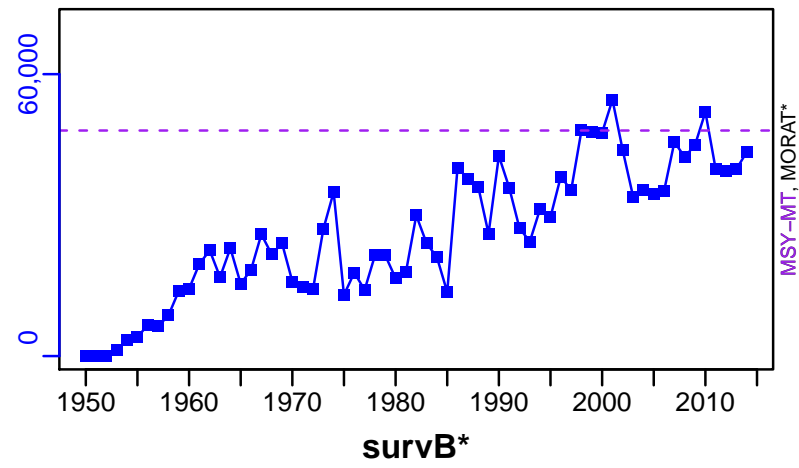
Recruits*



Albacore tuna Indian Ocean [ALBAIO]

TL-MT, TC*, RecC* (1950-2014-PONS)

TAC*, Cpair*, Cadv*



CPUE*



EFFORT*



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

Bigeye tuna Indian Ocean [BIGEYEIO]

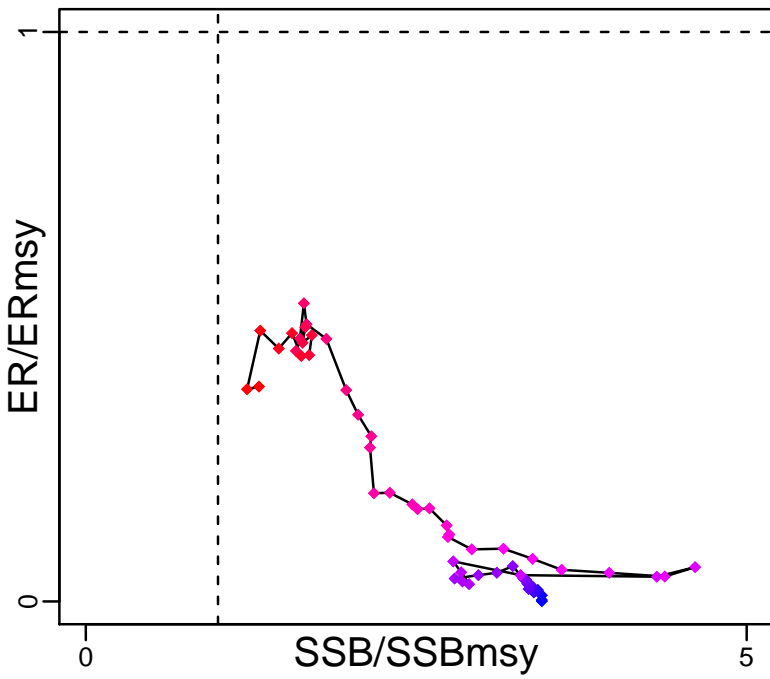
| Metadata | |
|-----------------------------|------------------------------|
| Scientific Name | Thunnus obesus |
| Current Assess ID | IOTC-BIGEYEIO-1950-2014-PONS |
| Area | Indian Ocean |
| Management Authority | Indian Ocean Tuna Commission |
| Assessor | Indian Ocean Tuna Commission |
| Asmts in RAM | 2014 |

| Reference Points | | | |
|------------------|------------------|-----------|-----------|
| Type | ID | Asmt Year | Value |
| TBmsy | - | - | - |
| SSBmsy | SSBmsy-MT | 2014 | 464,949 |
| Fmsy | - | - | - |
| ERmsy | ERmsy-conv-ratio | 2014 | 0.12 |
| TBmgt | - | - | - |
| SSBmgt | - | - | - |
| Fmgt | - | - | - |
| ERmgt | - | - | - |
| TB0 | - | - | - |
| SSB0 | SSB0-MT | 2014 | 1,674,570 |
| MSY | MSY-MT | 2014 | 187,596 |
| M | - | - | - |
| TBlim | - | - | - |
| SSBlim | - | - | - |
| Flim | - | - | - |
| ERlim | - | - | - |

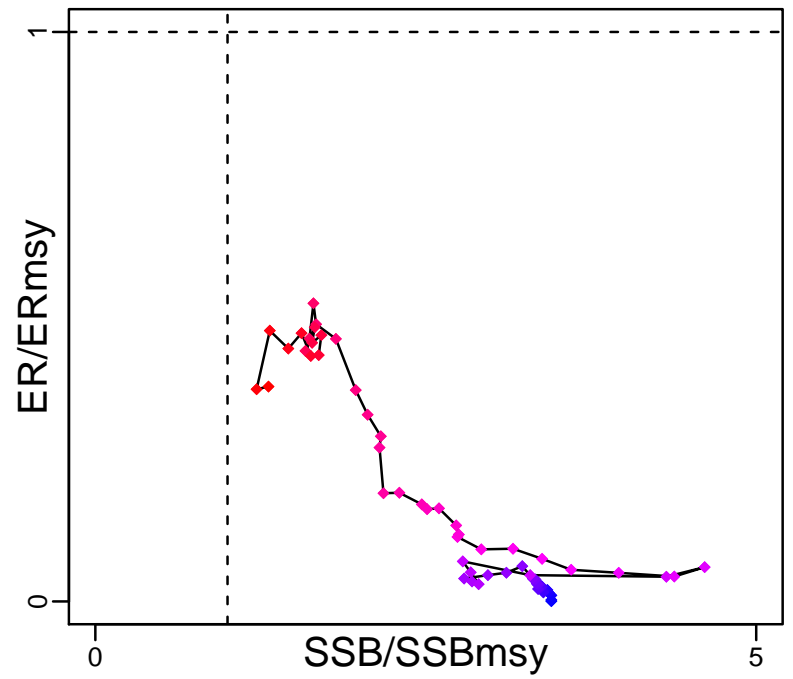
| Time Series | | | | | |
|-------------------|--------------------------------|-----------|------------|---------|-----|
| Type | ID | Asmt Year | Curr Value | Sex | Age |
| TB | - | - | - | - | - |
| SSB | SSB-MT | 2014 | 607,000 | Females | - |
| TN | - | - | - | - | - |
| R | R-E00 | 2014 | 108,000 | - | - |
| F | - | - | - | - | - |
| ER | ER-calc-ratio | 2014 | 0 | - | - |
| TC | TC-MT | 2014 | 105,000 | | |
| TL | - | - | - | | |
| TB/TBmsy | - | - | - | | |
| SSB/SSBmsy | SSBdivSSBmsy-dimensionless | 2014 | 1.31 | | |
| F/Fmsy | FdivFmsy-dimensionless | 2014 | 0.45 | | |
| ER/ERmsy | ER-calc-ratio/ERmsy-conv-ratio | 2014 | 0.38 | | |
| TB/TBmgt | - | - | - | | |
| SSB/SSBmgt | - | - | - | | |
| F/Fmgt | - | - | - | | |
| ER/ERmgt | - | - | - | | |

Bigeye tuna Indian Ocean [BIGEYEIO]

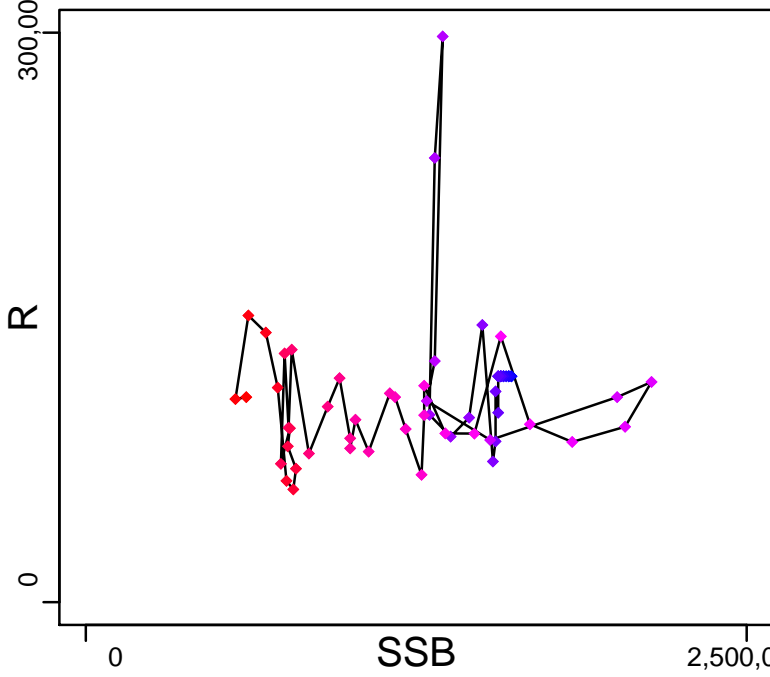
Kobe MSYpref (1950–2014–PONS)



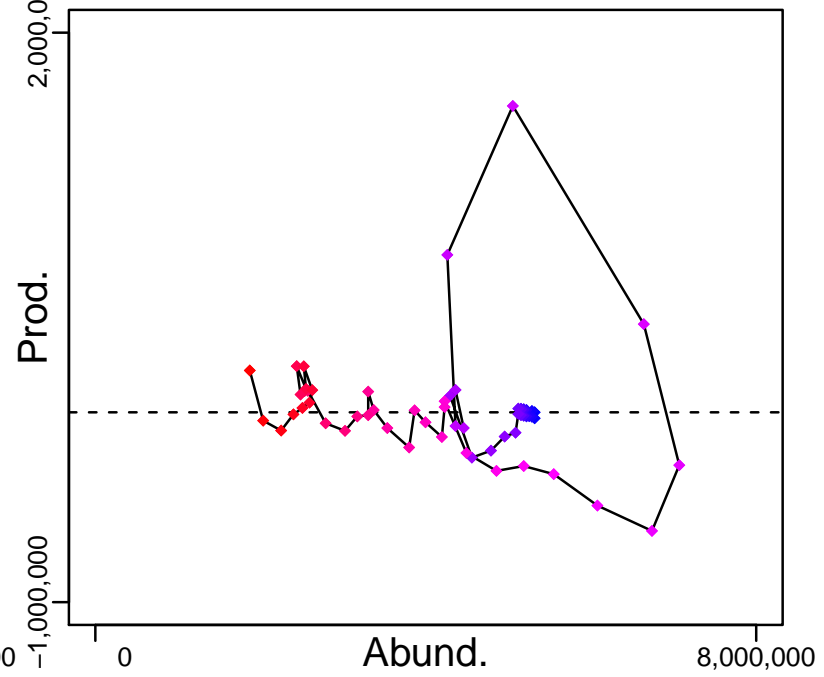
Kobe MGTpref (1950–2014–PONS)



Spawner Recruit (1950–2014–PONS)



Production (1950–2014–PONS)



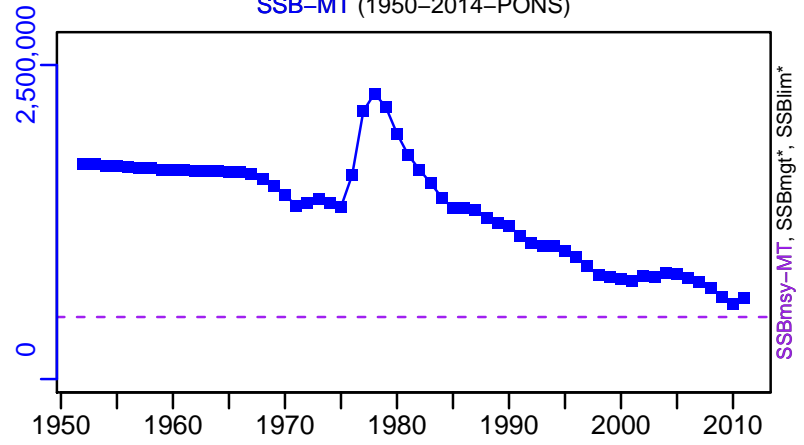
◆ Start Year ◆ End Year * No Data

Bigeye tuna Indian Ocean [BIGEYEIO]

TB*



SSB-MT (1950–2014–PONS)



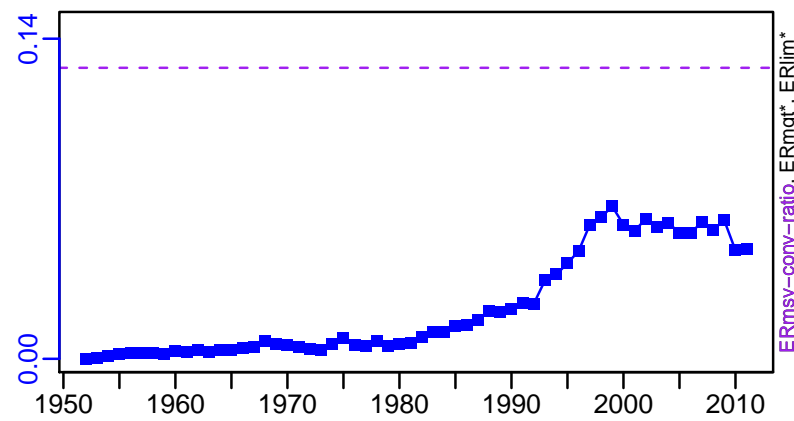
TN *



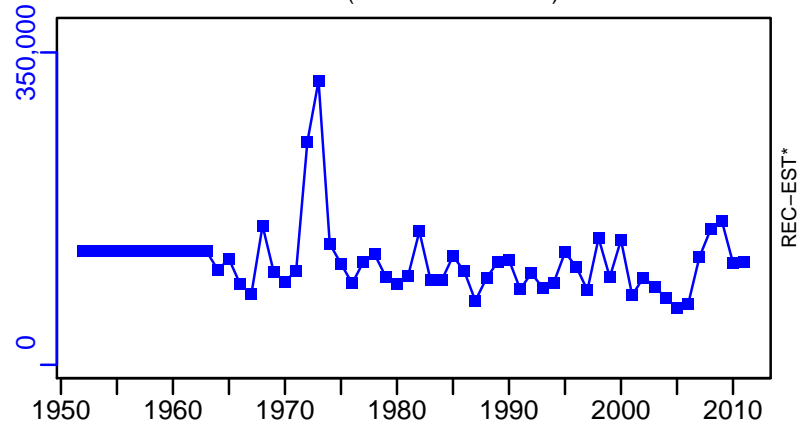
F*



ER-calc-ratio (1950–2014–PONS)

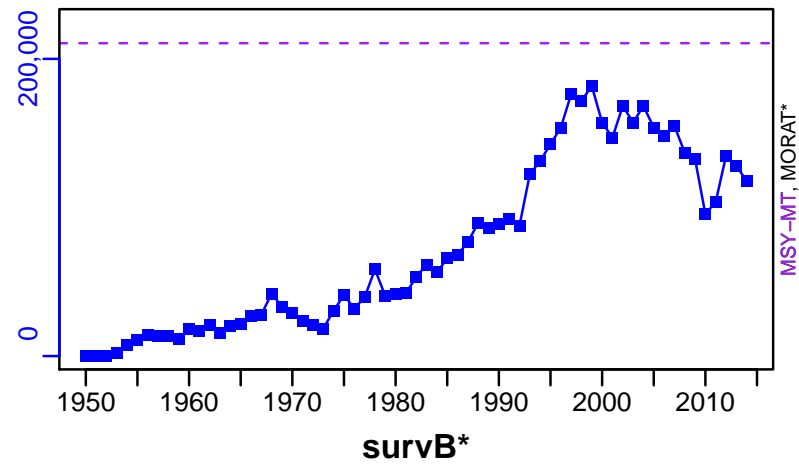


R-E00 (1950–2014–PONS)



Bigeye tuna Indian Ocean [BIGEYEIO]

TC-MT, TL*, RecC* (1950-2014-PONS)



TAC*, Cpair*, Cadv*



CPUE*



EFFORT*



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

Black marlin Indian Ocean [BLKMARLINIO]

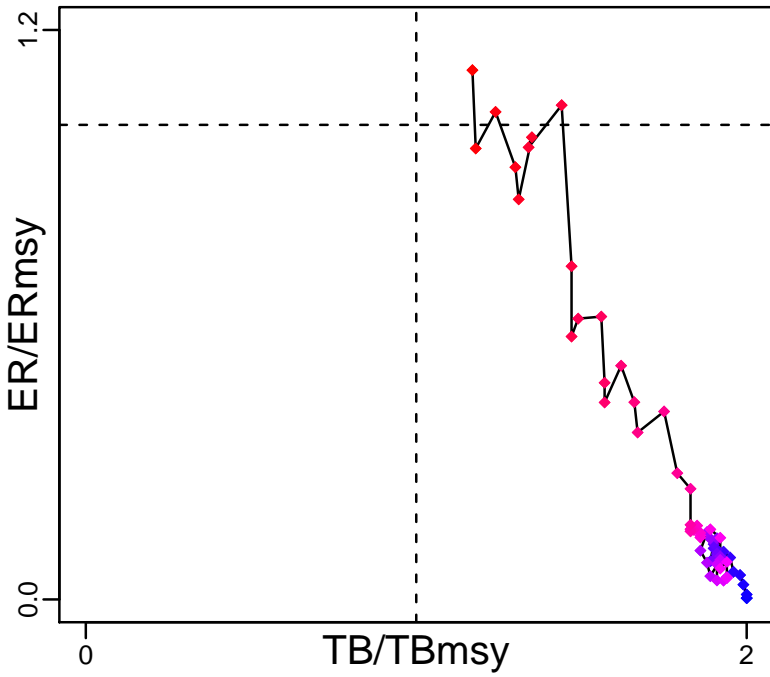
| Metadata | |
|-----------------------------|---------------------------------|
| Scientific Name | Istiompax indica |
| Current Assess ID | IOTC-BLKMARLINIO-1950-2014-PONS |
| Area | Indian Ocean |
| Management Authority | Indian Ocean Tuna Commission |
| Assessor | Indian Ocean Tuna Commission |
| Asmts in RAM | 2014 |

| Reference Points | | | |
|------------------|------------------|-----------|--------|
| Type | ID | Asmt Year | Value |
| TBmsy | TBmsy-MT | 2014 | 29,735 |
| SSBmsy | - | - | - |
| Fmsy | - | - | - |
| ERmsy | ERmsy-calc-ratio | 2014 | 0.29 |
| TBmgt | - | - | - |
| SSBmgt | - | - | - |
| Fmgt | - | - | - |
| ERmgt | - | - | - |
| TB0 | TB0-MT | 2014 | 73,000 |
| SSB0 | - | - | - |
| MSY | MSY-MT | 2014 | 8605 |
| M | - | - | - |
| TBlim | - | - | - |
| SSBlim | - | - | - |
| Flim | - | - | - |
| ERlim | - | - | - |

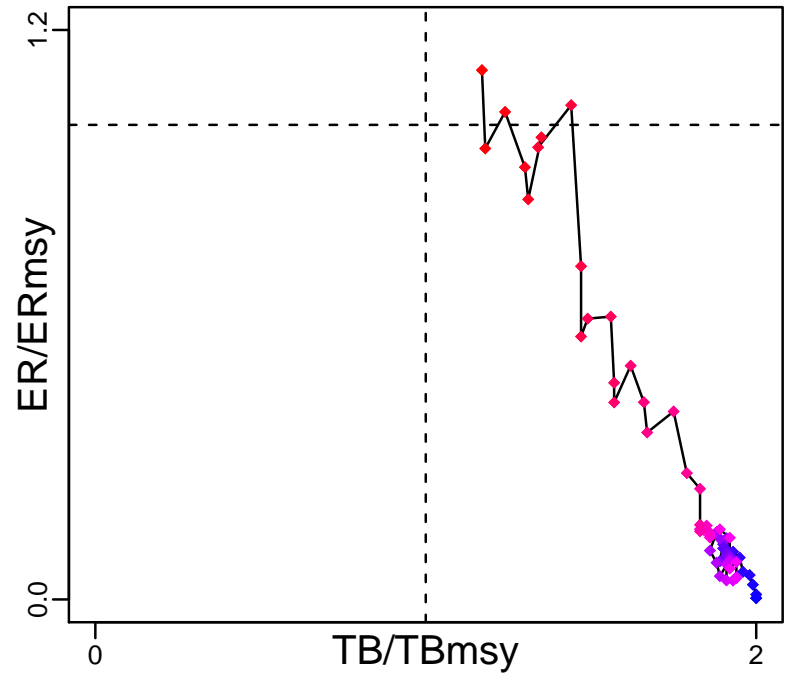
| Time Series | | | | | |
|-------------------|--------------------------------|-----------|------------|-----|-----|
| Type | ID | Asmt Year | Curr Value | Sex | Age |
| TB | TB-MT | 2014 | 34,700 | - | - |
| SSB | - | - | - | - | - |
| TN | - | - | - | - | - |
| R | - | - | - | - | - |
| F | - | - | - | - | - |
| ER | ER-calc-ratio | 2014 | 0 | - | - |
| TC | TC-MT | 2014 | 17,700 | | |
| TL | - | - | - | | |
| TB/TBmsy | TBdivTBmsy-dimensionless | 2014 | 1.17 | | |
| SSB/SSBmsy | - | - | - | | |
| F/Fmsy | FdivFmsy-dimensionless | 2014 | 1.03 | | |
| ER/ERmsy | ER-calc-ratio/ERmsy-calc-ratio | 2014 | 1.12 | | |
| TB/TBmgt | - | - | - | | |
| SSB/SSBmgt | - | - | - | | |
| F/Fmgt | - | - | - | | |
| ER/ERmgt | - | - | - | | |

Black marlin Indian Ocean [BLKMARLINIO]

Kobe MSY_{pref} (1950–2014–PONS)



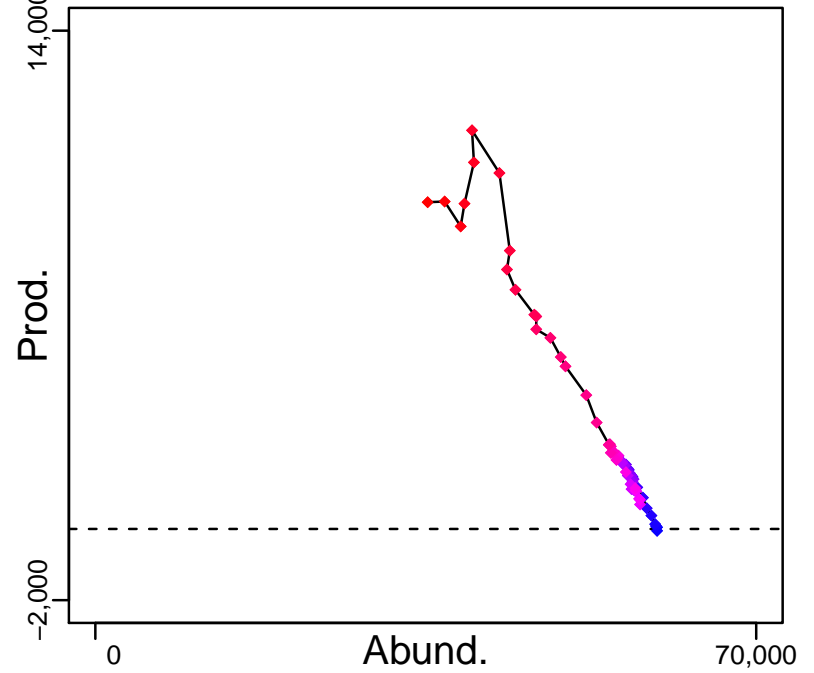
Kobe MGT_{pref} (1950–2014–PONS)



Spawner Recruit*



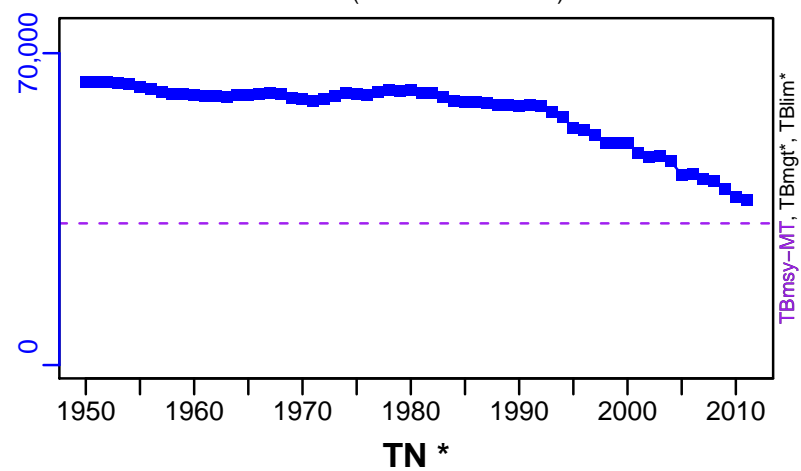
Production (1950–2014–PONS)



◆ Start Year ◆ End Year * No Data

Black marlin Indian Ocean [BLKMARLINIO]

TB-MT (1950-2014-PONS)



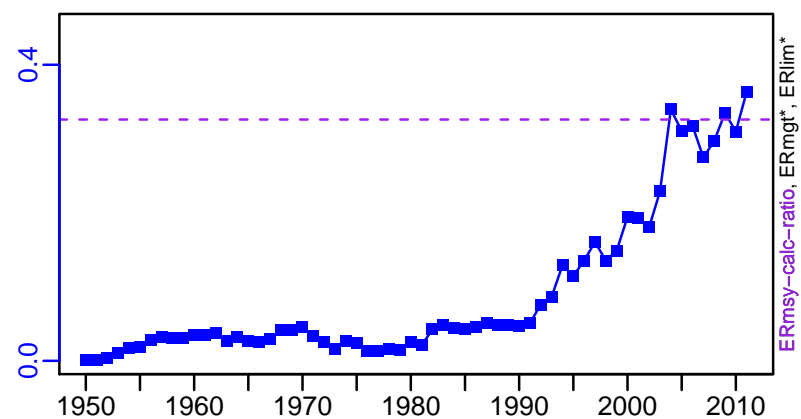
SSB*



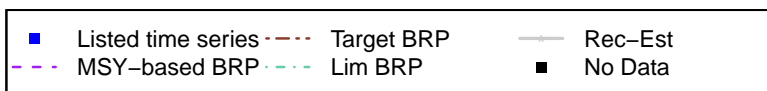
F*



ER-calc-ratio (1950-2014-PONS)



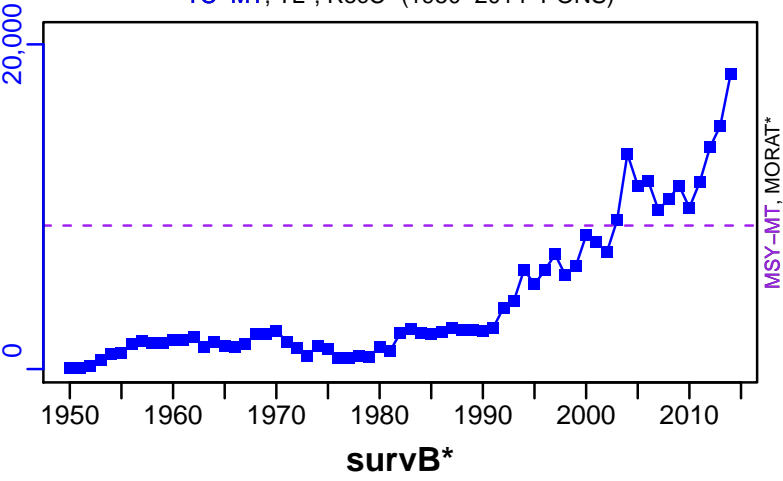
Recruits*



Black marlin Indian Ocean [BLKMARLINIO]

TC-MT, TL*, RecC* (1950-2014-PONS)

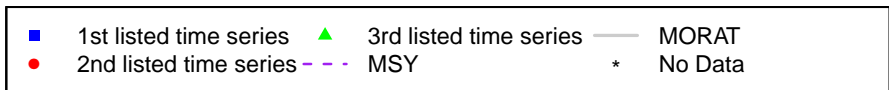
TAC*, Cpair*, Cadv*



CPUE*



EFFORT*



Indo-Pacific blue marlin Indian Ocean [BMARLINIO]

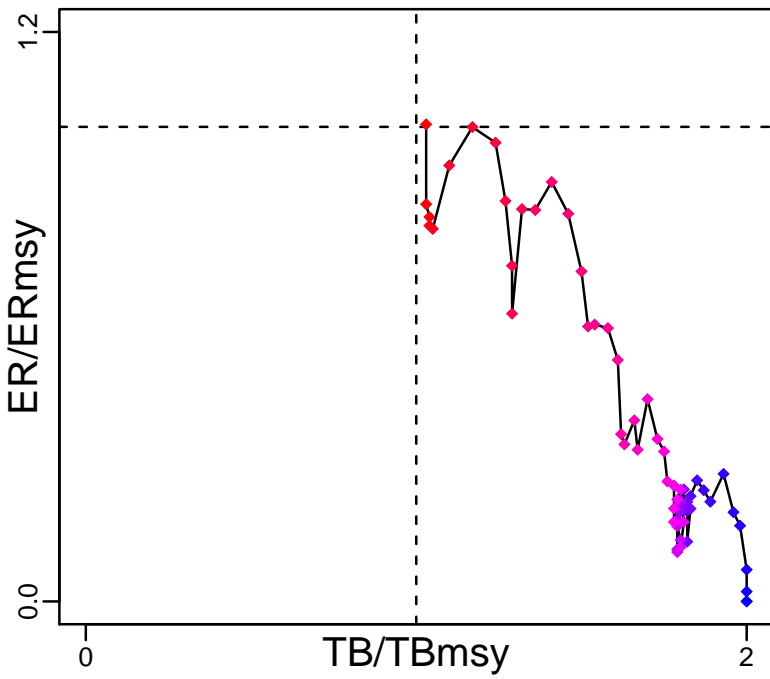
| Metadata | |
|-----------------------------|-------------------------------|
| Scientific Name | Makaira mazara |
| Current Assess ID | IOTC-BMARLINIO-1950-2014-PONS |
| Area | Indian Ocean |
| Management Authority | Indian Ocean Tuna Commission |
| Assessor | Indian Ocean Tuna Commission |
| Asmts in RAM | 2014 |

| Reference Points | | | |
|------------------|------------------|-----------|---------|
| Type | ID | Asmt Year | Value |
| TBmsy | TBmsy-MT | 2014 | 96,913 |
| SSBmsy | - | - | - |
| Fmsy | - | - | - |
| ERmsy | ERmsy-calc-ratio | 2014 | 0.1 |
| TBmgt | - | - | - |
| SSBmgt | - | - | - |
| Fmgt | - | - | - |
| ERmgt | - | - | - |
| TB0 | TB0-MT | 2014 | 259,000 |
| SSB0 | - | - | - |
| MSY | MSY-MT | 2014 | 9524 |
| M | - | - | - |
| TBlim | - | - | - |
| SSBlim | - | - | - |
| Flim | - | - | - |
| ERlim | - | - | - |

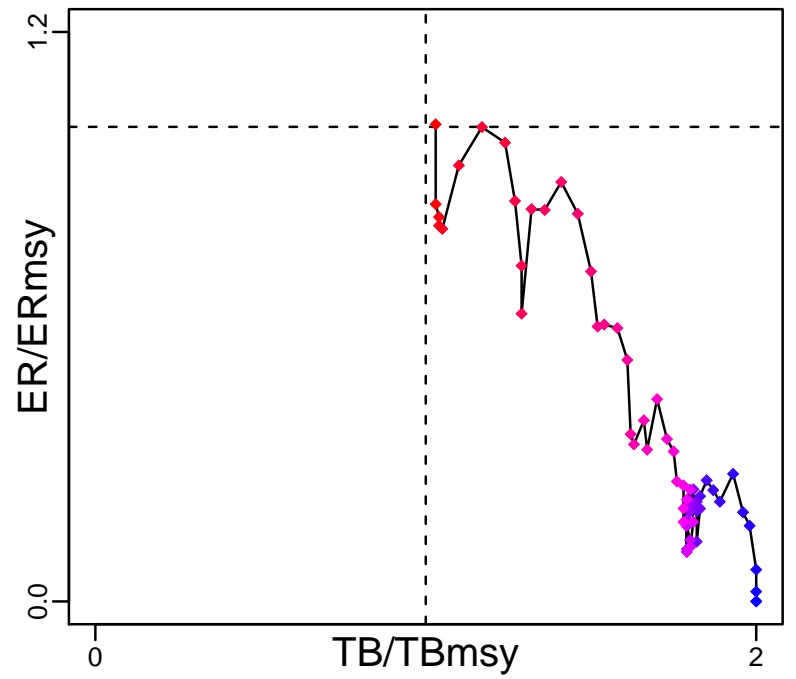
| Time Series | | | | | |
|-------------------|--------------------------------|-----------|------------|-----|-----|
| Type | ID | Asmt Year | Curr Value | Sex | Age |
| TB | TB-MT | 2014 | 99,900 | - | - |
| SSB | - | - | - | - | - |
| TN | - | - | - | - | - |
| R | - | - | - | - | - |
| F | - | - | - | - | - |
| ER | ER-calc-ratio | 2014 | 0 | - | - |
| TC | TC-MT | 2014 | 14,200 | | |
| TL | - | - | - | | |
| TB/TBmsy | TBdivTBmsy-dimensionless | 2014 | 1.03 | | |
| SSB/SSBmsy | - | - | - | | |
| F/Fmsy | FdivFmsy-dimensionless | 2014 | 1.05 | | |
| ER/ERmsy | ER-calc-ratio/ERmsy-calc-ratio | 2014 | 1.01 | | |
| TB/TBmgt | - | - | - | | |
| SSB/SSBmgt | - | - | - | | |
| F/Fmgt | - | - | - | | |
| ER/ERmgt | - | - | - | | |

Indo-Pacific blue marlin Indian Ocean [BMARLINIO]

Kobe MSY_{pref} (1950–2014–PONS)



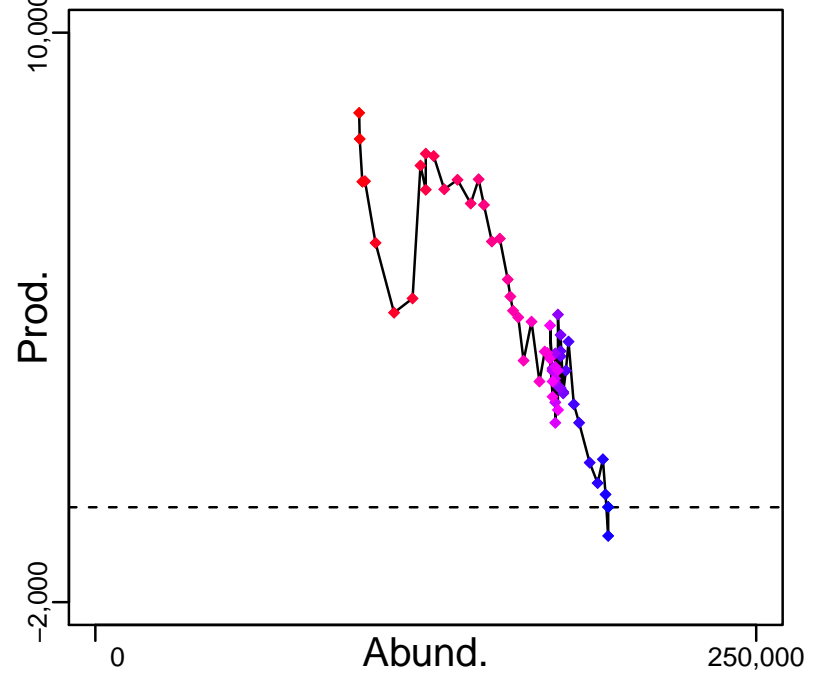
Kobe MGT_{pref} (1950–2014–PONS)



Spawner Recruit*



Production (1950–2014–PONS)

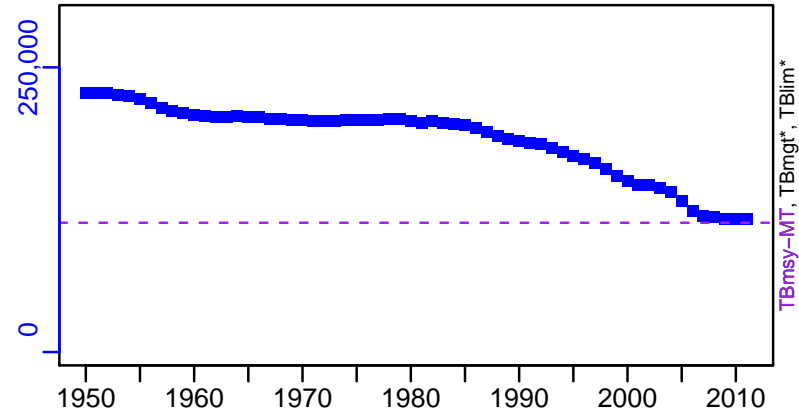


◆ Start Year ◆ End Year * No Data

Indo-Pacific blue marlin Indian Ocean [BMARLINIO]

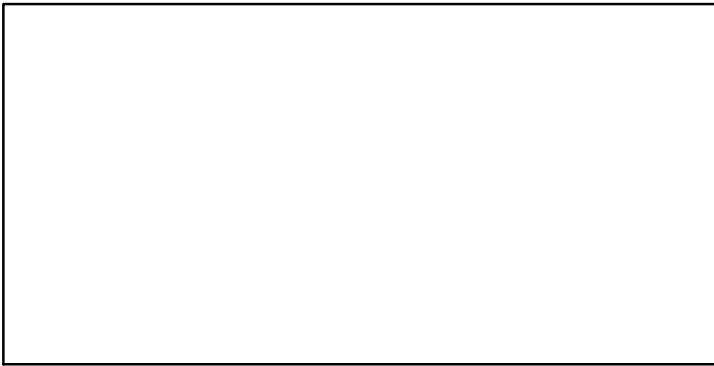
TB-MT (1950-2014-PONS)

SSB*



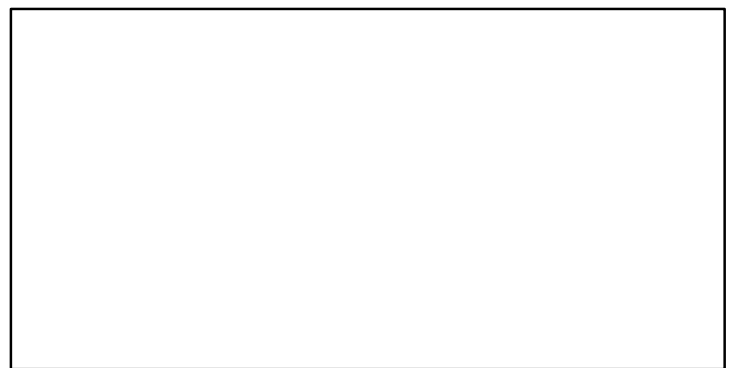
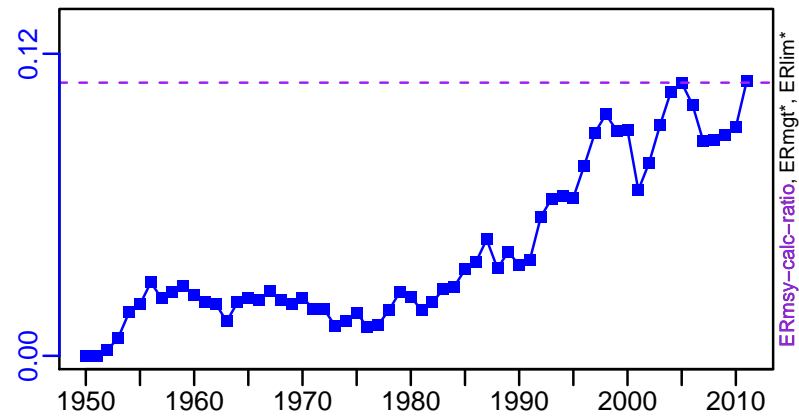
TN *

F*



ER-calc-ratio (1950-2014-PONS)

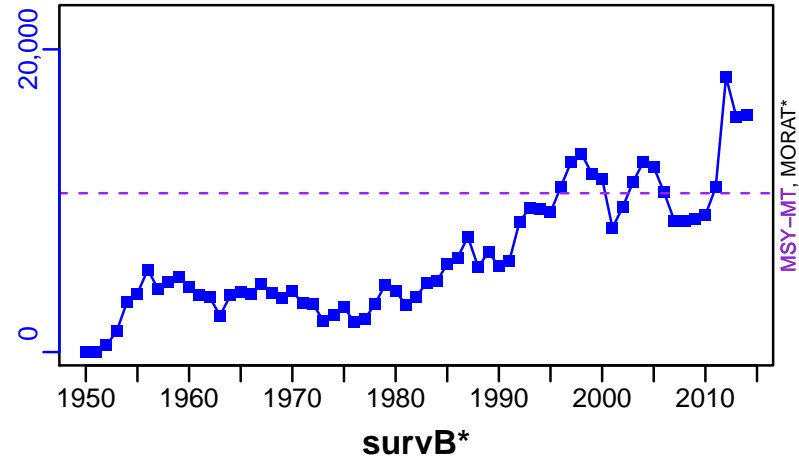
Recruits*



Indo-Pacific blue marlin Indian Ocean [BMARLINIO]

TC-MT, TL*, RecC* (1950-2014-PONS)

TAC*, Cpair*, Cadv*



EFFORT*



Southern bluefin tuna Southern Oceans [SBT]

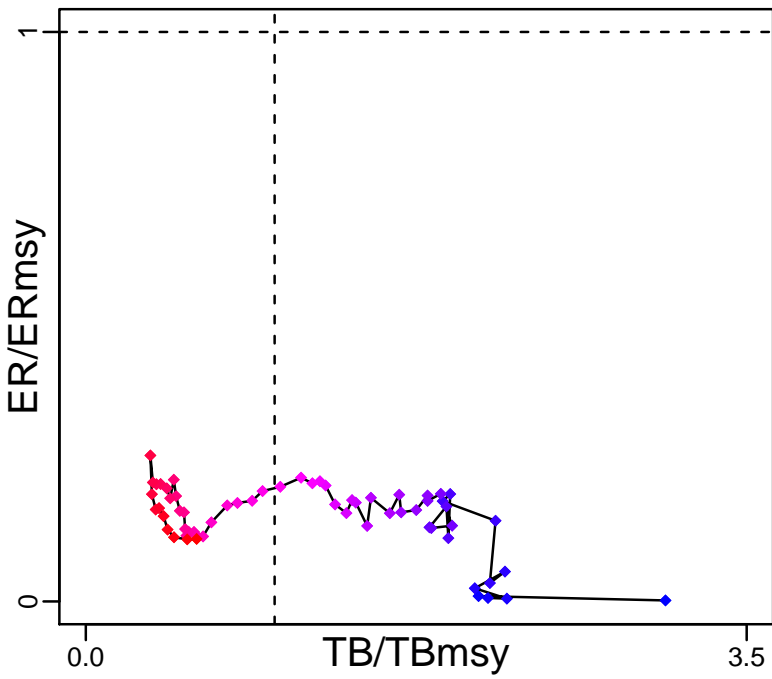
| Metadata | |
|-----------------------------|--|
| Scientific Name | Thunnus maccoyii |
| Current Assess ID | CCSBT-SC-SBT-1952-2014-PONS |
| Area | Southern Oceans |
| Management Authority | Commission for the Conservation of Southern Bluefin Tuna |
| Assessor | CCSBT Scientific Committee |
| Asmts in RAM | 2014 |

| Reference Points | | | |
|------------------|----------------|-----------|---------|
| Type | ID | Asmt Year | Value |
| TBmsy | TBmsy-MT | 2014 | 515,839 |
| SSBmsy | SSBmsy-MT | 2014 | 208,448 |
| Fmsy | Fmsy-extr-1/yr | 2014 | 0.09 |
| ERmsy | ERmsy-ratio | 2014 | 0.36 |
| TBmgt | - | - | - |
| SSBmgt | - | - | - |
| Fmgt | - | - | - |
| ERmgt | - | - | - |
| TB0 | - | - | - |
| SSB0 | SSB0-MT | 2014 | 845,207 |
| MSY | MSY-MT | 2014 | 33,000 |
| M | - | - | - |
| TBlim | - | - | - |
| SSBlim | - | - | - |
| Flim | - | - | - |
| ERlim | - | - | - |

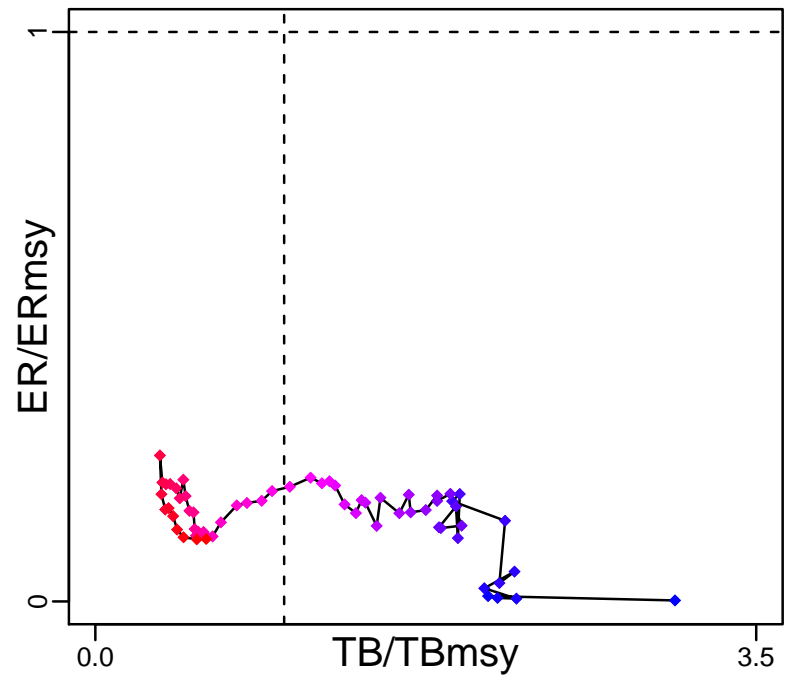
| Time Series | | | | | |
|-------------------|----------------------------|-----------|------------|-----|-----|
| Type | ID | Asmt Year | Curr Value | Sex | Age |
| TB | TB-MT | 2014 | 331,000 | - | - |
| SSB | SSB-MT | 2014 | 738,000 | - | 10+ |
| TN | - | - | - | - | - |
| R | R-E00 | 2014 | 4,910,000 | - | - |
| F | F-1/yr | 2014 | 0 | - | - |
| ER | ER-calc-ratio | 2014 | 0 | - | - |
| TC | TC-MT | 2014 | 11,700 | | |
| TL | - | - | - | | |
| TB/TBmsy | TBdivTBmsy-dimensionless | 2014 | 0.65 | | |
| SSB/SSBmsy | SSBdivSSBmsy-dimensionless | 2014 | 0.38 | | |
| F/Fmsy | FdivFmsy-dimensionless | 2014 | 0.66 | | |
| ER/ERmsy | ER-calc-ratio/ERmsy-ratio | 2014 | 0.11 | | |
| TB/TBmgt | - | - | - | | |
| SSB/SSBmgt | - | - | - | | |
| F/Fmgt | - | - | - | | |
| ER/ERmgt | - | - | - | | |

Southern bluefin tuna Southern Oceans [SBT]

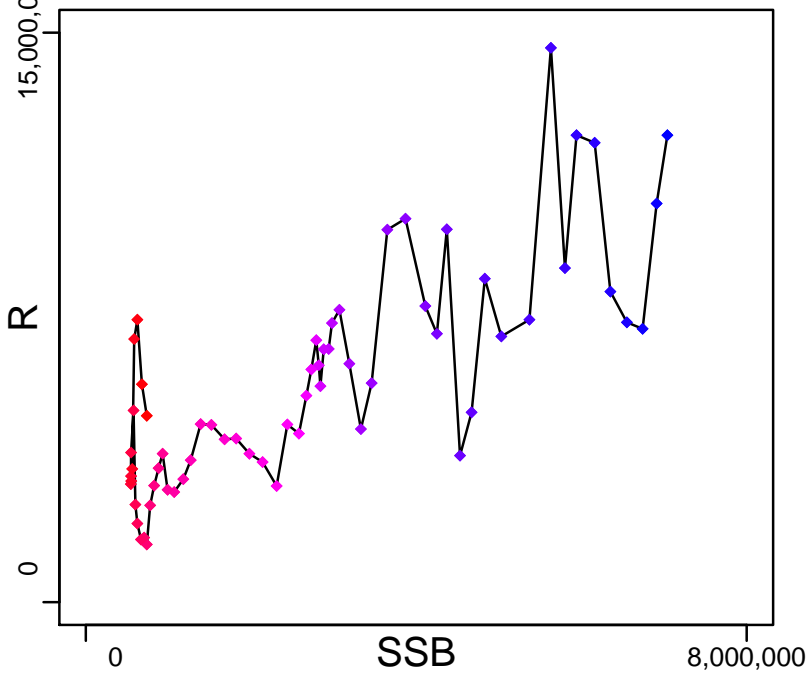
Kobe MSYpref (1952–2014–PONS)



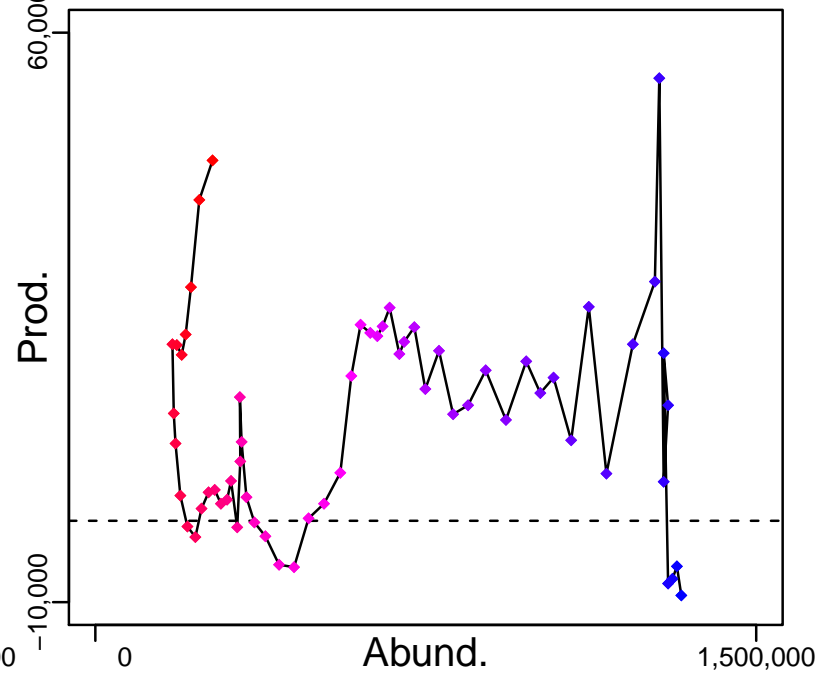
Kobe MGTpref (1952–2014–PONS)



Spawner Recruit (1952–2014–PONS)

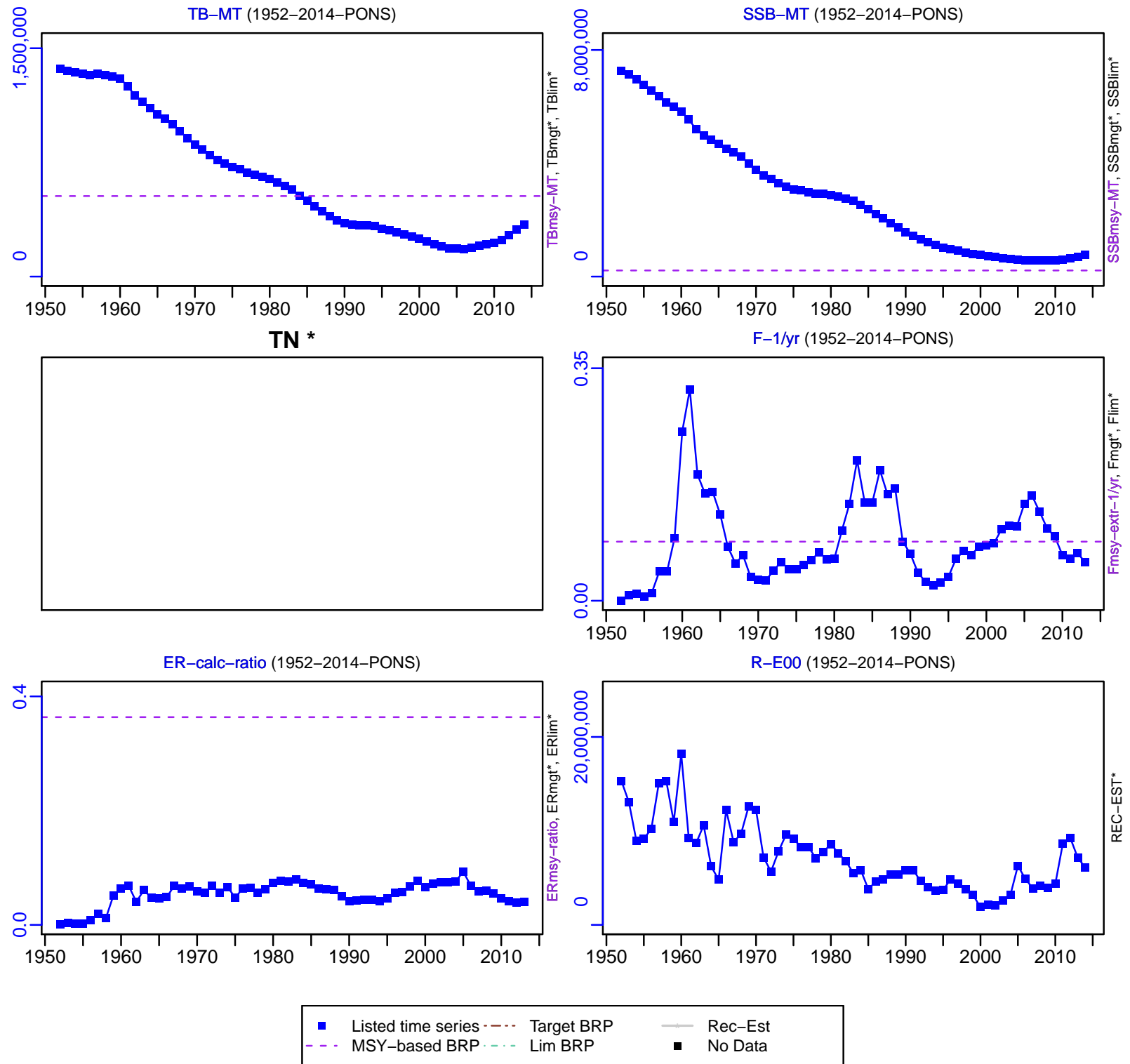


Production (1952–2014–PONS)



◆ Start Year ◆ End Year * No Data

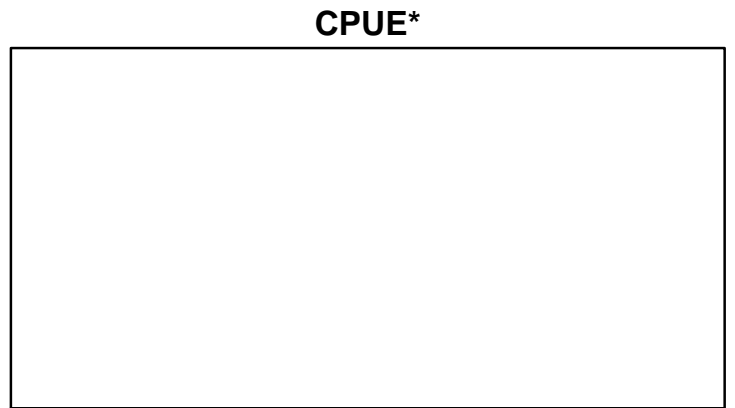
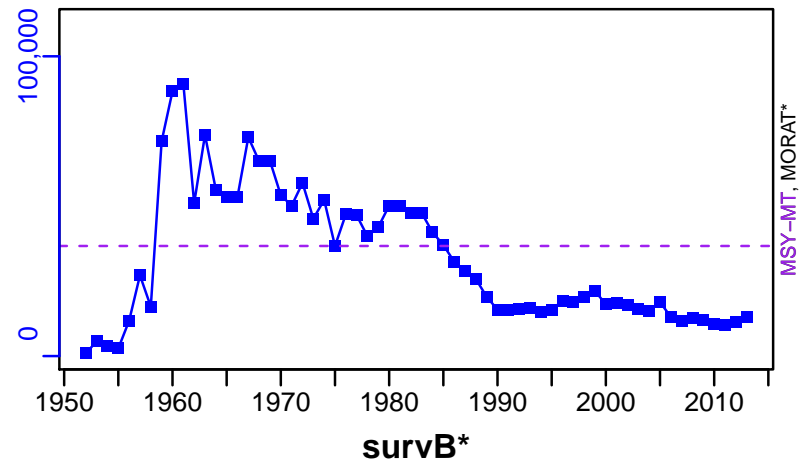
Southern bluefin tuna Southern Oceans [SBT]



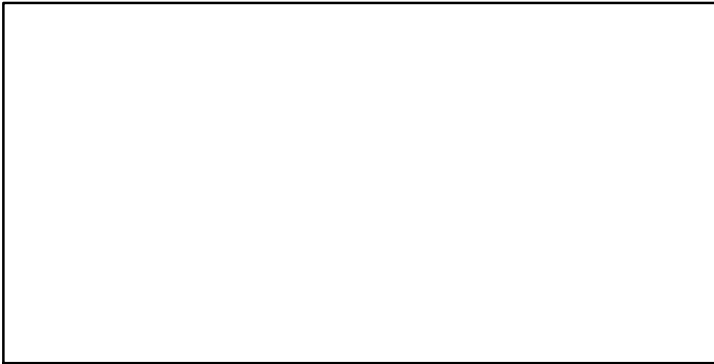
Southern bluefin tuna Southern Oceans [SBT]

TC-MT, TL*, RecC* (1952-2014-PONS)

TAC*, Cpair*, Cadv*



EFFORT*



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

Skipjack tuna Indian Ocean [SKJCIO]

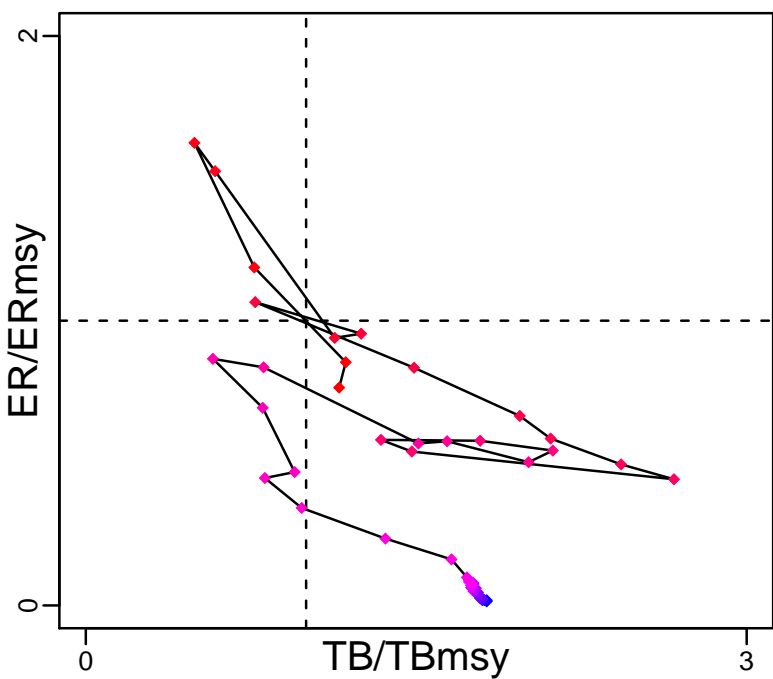
| Metadata | |
|-----------------------------|------------------------------|
| Scientific Name | Katsuwonus pelamis |
| Current Assess ID | IOTC-SKJCIO-1950-2014-PONS |
| Area | Indian Ocean |
| Management Authority | Indian Ocean Tuna Commission |
| Assessor | Indian Ocean Tuna Commission |
| Asmts in RAM | 2014 |

| Reference Points | | | |
|------------------|------------------|-----------|---------|
| Type | ID | Asmt Year | Value |
| TBmsy | TBmsy-MT | 2014 | 788,806 |
| SSBmsy | - | - | - |
| Fmsy | - | - | - |
| ERmsy | ERmsy-calc-ratio | 2014 | 0.53 |
| TBmgt | - | - | - |
| SSBmgt | - | - | - |
| Fmgt | - | - | - |
| ERmgt | - | - | - |
| TB0 | - | - | - |
| SSB0 | - | - | - |
| MSY | MSY-MT | 2014 | 417,000 |
| M | - | - | - |
| TBlim | - | - | - |
| SSBlim | - | - | - |
| Flim | - | - | - |
| ERlim | - | - | - |

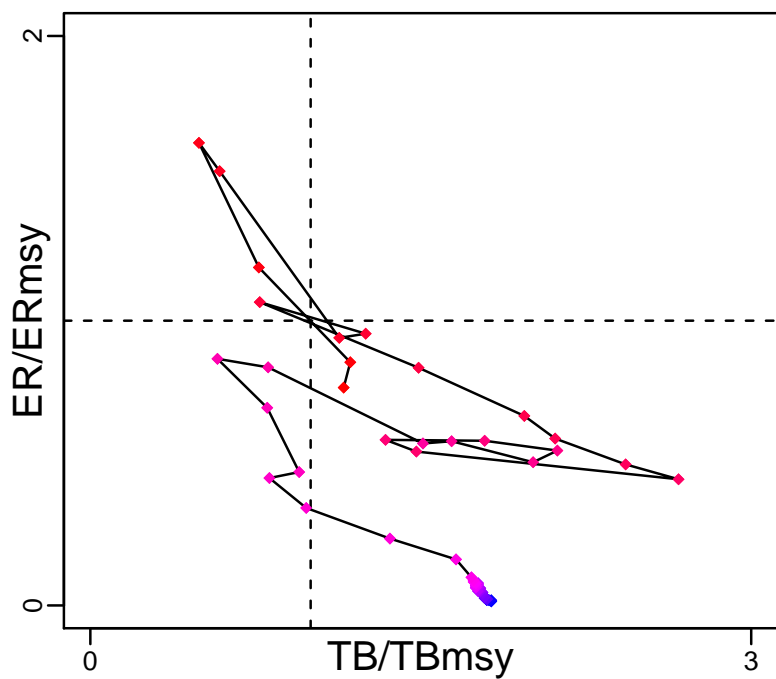
| Time Series | | | | | |
|-------------------|--------------------------------|-----------|------------|-----|-----|
| Type | ID | Asmt Year | Curr Value | Sex | Age |
| TB | TB-MT | 2014 | 947,000 | - | - |
| SSB | - | - | - | - | - |
| TN | - | - | - | - | - |
| R | - | - | - | - | - |
| F | - | - | - | - | - |
| ER | ER-calc-ratio | 2014 | 0 | - | - |
| TC | TC-MT | 2014 | 441,000 | | |
| TL | - | - | - | | |
| TB/TBmsy | TBdivTBmsy-dimensionless | 2014 | 1.15 | | |
| SSB/SSBmsy | - | - | - | | |
| F/Fmsy | FdivFmsy-dimensionless | 2014 | 0.62 | | |
| ER/ERmsy | ER-calc-ratio/ERmsy-calc-ratio | 2014 | 0.77 | | |
| TB/TBmgt | - | - | - | | |
| SSB/SSBmgt | - | - | - | | |
| F/Fmgt | - | - | - | | |
| ER/ERmgt | - | - | - | | |

Skipjack tuna Indian Ocean [SKJCIO]

Kobe MSYpref (1950–2014–PONS)



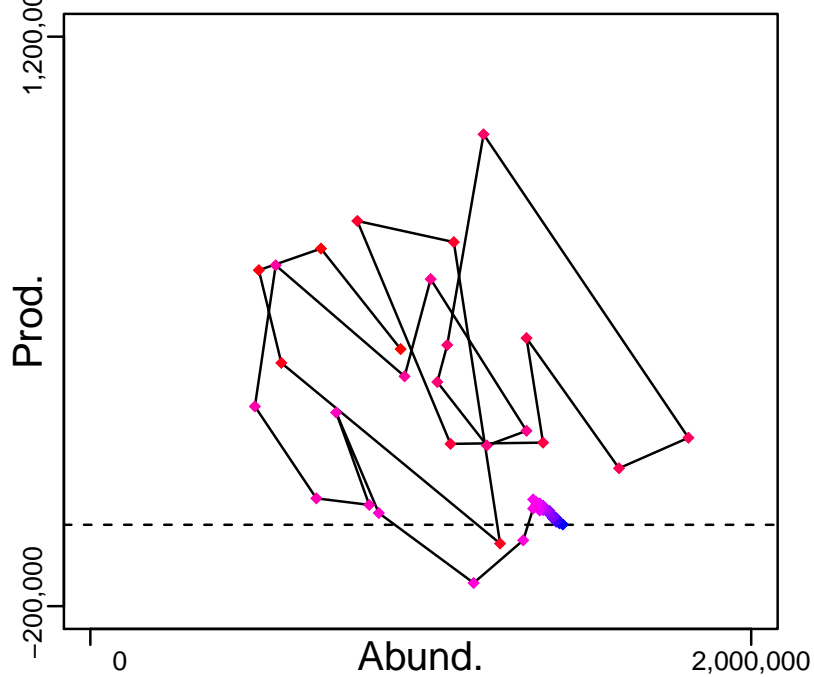
Kobe MGTpref (1950–2014–PONS)



Spawner Recruit*



Production (1950–2014–PONS)

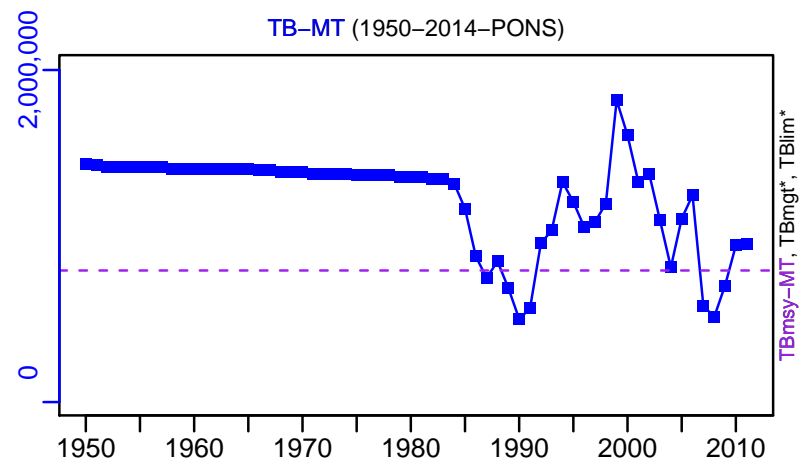


◆ Start Year ◆ End Year * No Data

Skipjack tuna Indian Ocean [SKJCIO]

TB-MT (1950-2014-PONS)

SSB*



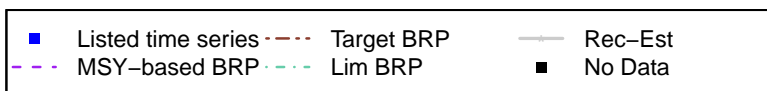
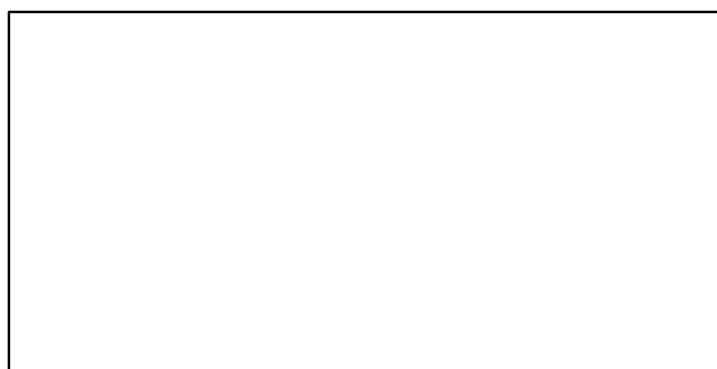
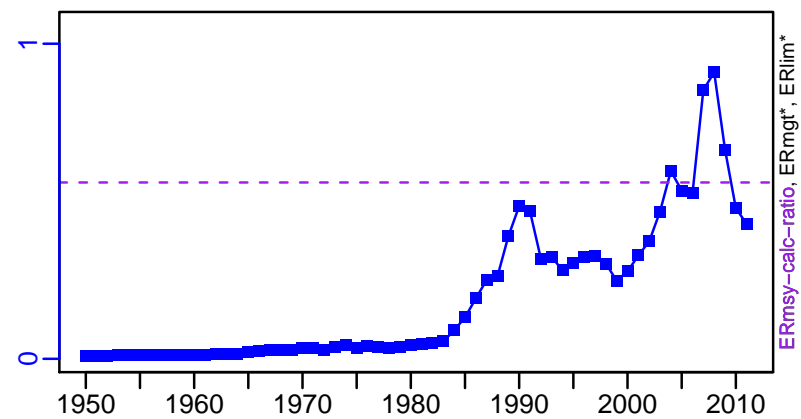
TN *

F*



ER-calc-ratio (1950-2014-PONS)

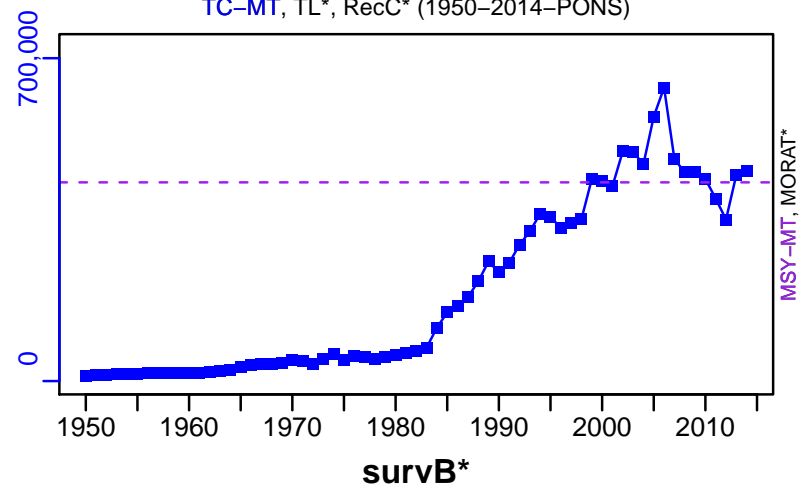
Recruits*



Skipjack tuna Indian Ocean [SKJCIO]

TC-MT, TL*, RecC* (1950-2014-PONS)

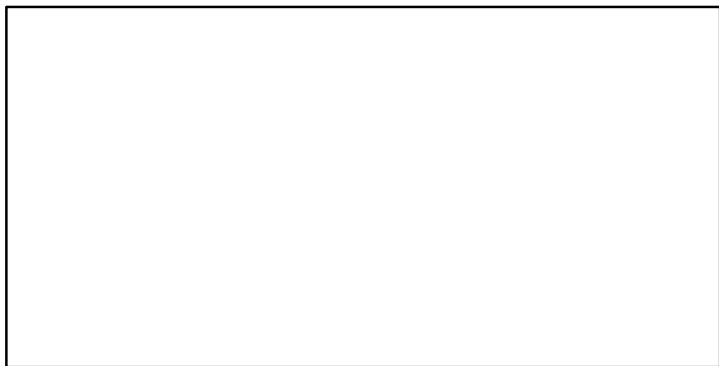
TAC*, Cpair*, Cadv*



CPUE*



EFFORT*



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

Striped marlin Indian Ocean [STMARLINIO]

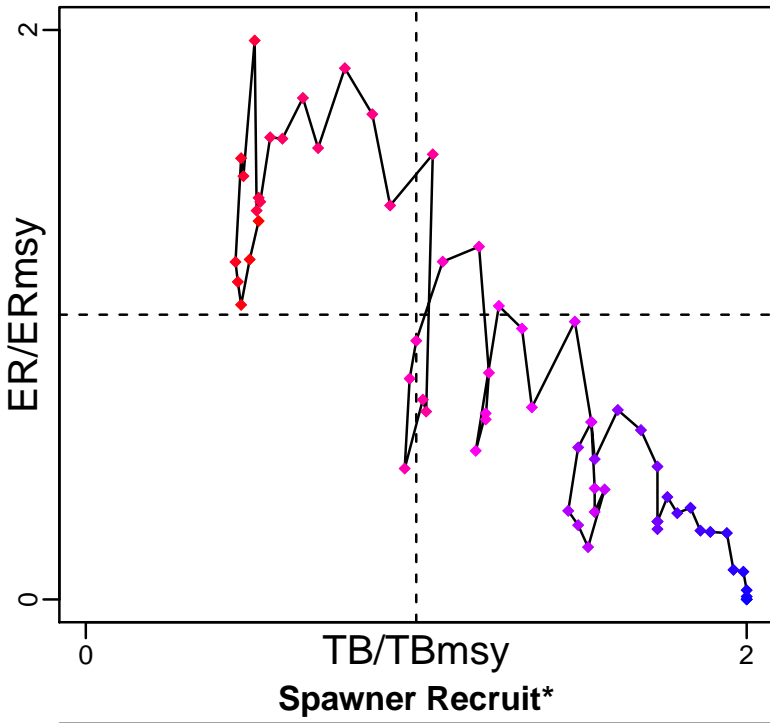
| Metadata | |
|-----------------------------|--------------------------------|
| Scientific Name | Kajikia audax |
| Current Assess ID | IOTC-STMARLINIO-1950-2014-PONS |
| Area | Indian Ocean |
| Management Authority | Indian Ocean Tuna Commission |
| Assessor | Indian Ocean Tuna Commission |
| Asmts in RAM | 2014 |

| Reference Points | | | |
|------------------|------------------|-----------|--------|
| Type | ID | Asmt Year | Value |
| TBmsy | TBmsy-MT | 2014 | 28,313 |
| SSBmsy | - | - | - |
| Fmsy | - | - | - |
| ERmsy | ERmsy-calc-ratio | 2014 | 0.15 |
| TBmgt | - | - | - |
| SSBmgt | - | - | - |
| Fmgt | - | - | - |
| ERmgt | - | - | - |
| TB0 | TB0-MT | 2014 | 61,450 |
| SSB0 | - | - | - |
| MSY | MSY-MT | 2014 | 4218 |
| M | - | - | - |
| TBlim | - | - | - |
| SSBlim | - | - | - |
| Flim | - | - | - |
| ERlim | - | - | - |

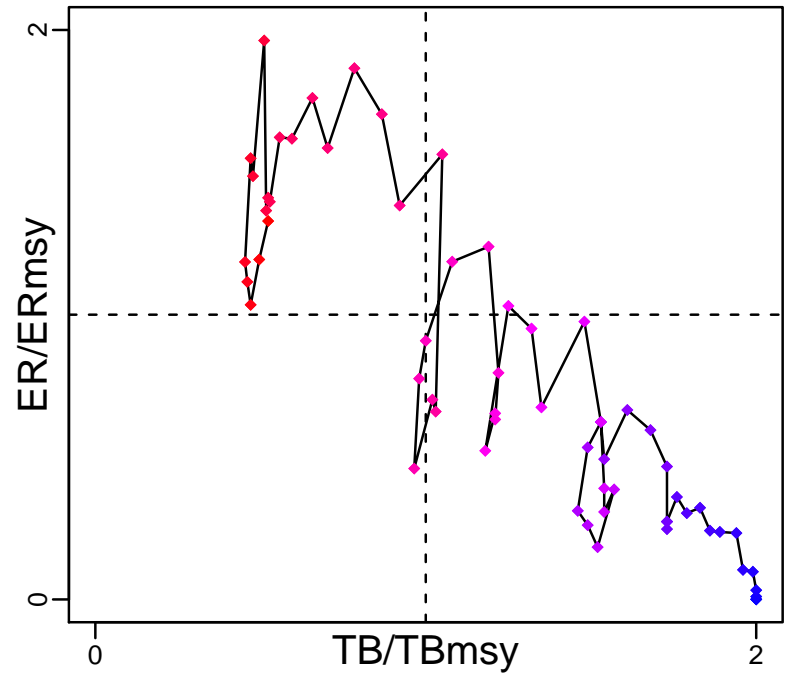
| Time Series | | | | | |
|-------------------|--------------------------------|-----------|------------|-----|-----|
| Type | ID | Asmt Year | Curr Value | Sex | Age |
| TB | TB-MT | 2014 | 14,800 | - | - |
| SSB | - | - | - | - | - |
| TN | - | - | - | - | - |
| R | - | - | - | - | - |
| F | - | - | - | - | - |
| ER | ER-calc-ratio | 2014 | 0 | - | - |
| TC | TC-MT | 2014 | 3990 | | |
| TL | - | - | - | | |
| TB/TBmsy | TBdivTBmsy-dimensionless | 2014 | 0.52 | | |
| SSB/SSBmsy | - | - | - | | |
| F/Fmsy | FdivFmsy-dimensionless | 2014 | 1.12 | | |
| ER/ERmsy | ER-calc-ratio/ERmsy-calc-ratio | 2014 | 1.33 | | |
| TB/TBmgt | - | - | - | | |
| SSB/SSBmgt | - | - | - | | |
| F/Fmgt | - | - | - | | |
| ER/ERmgt | - | - | - | | |

Striped marlin Indian Ocean [STMARLINIO]

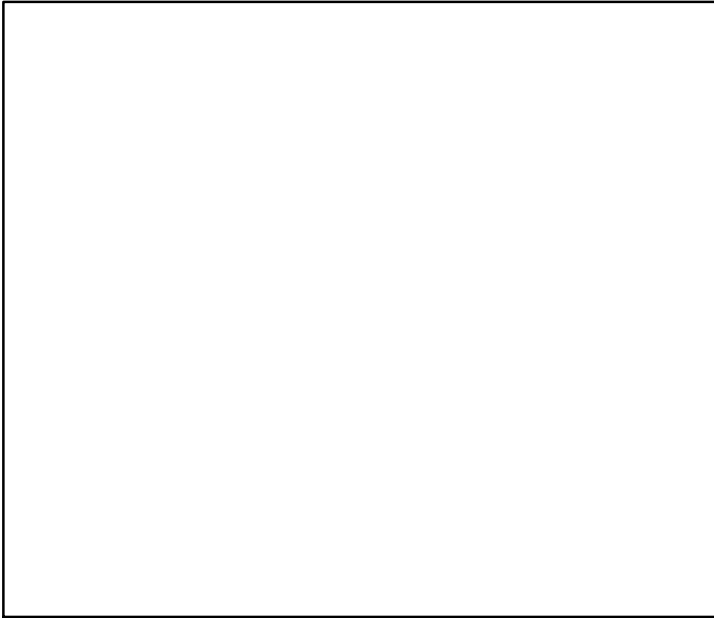
Kobe MSYpref (1950–2014–PONS)



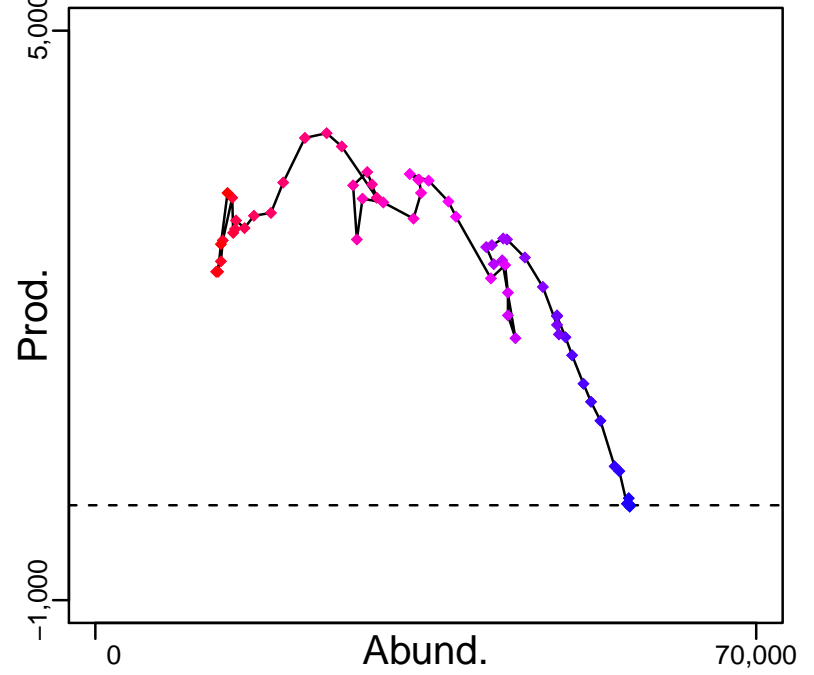
Kobe MGTpref (1950–2014–PONS)



Spawner Recruit*



Production (1950–2014–PONS)

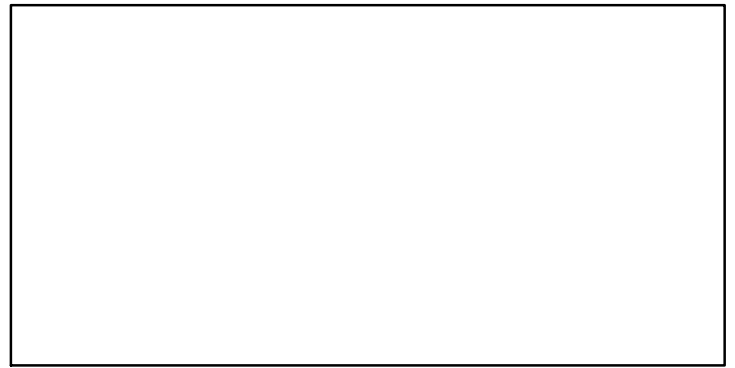
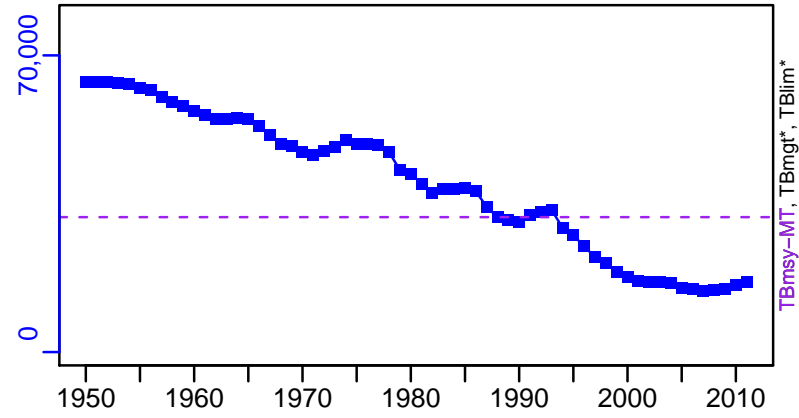


◆ Start Year ◆ End Year * No Data

Striped marlin Indian Ocean [STMARLINIO]

TB-MT (1950-2014-PONS)

SSB*



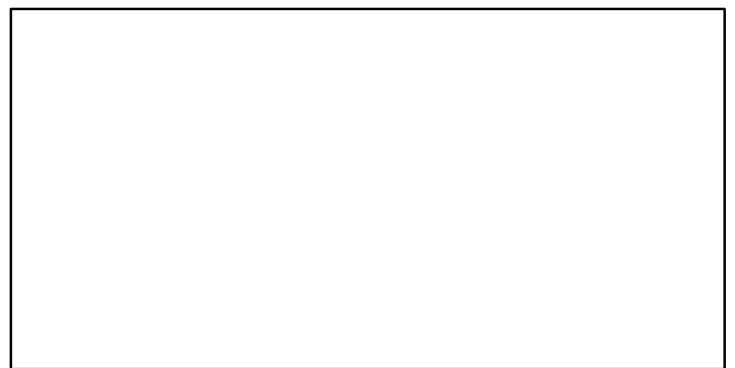
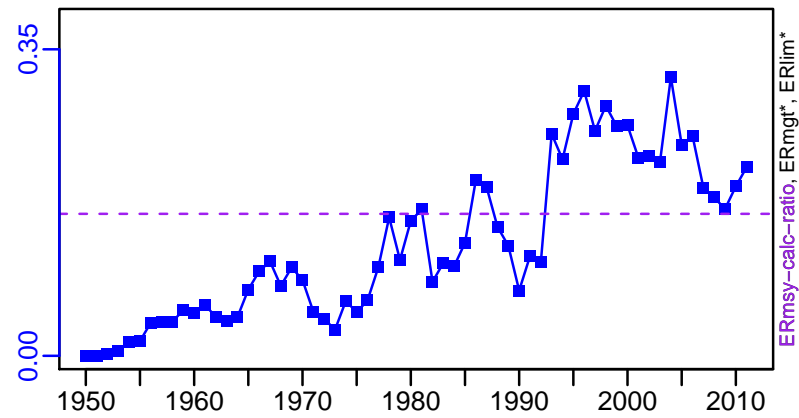
TN *

F*



ER-calc-ratio (1950-2014-PONS)

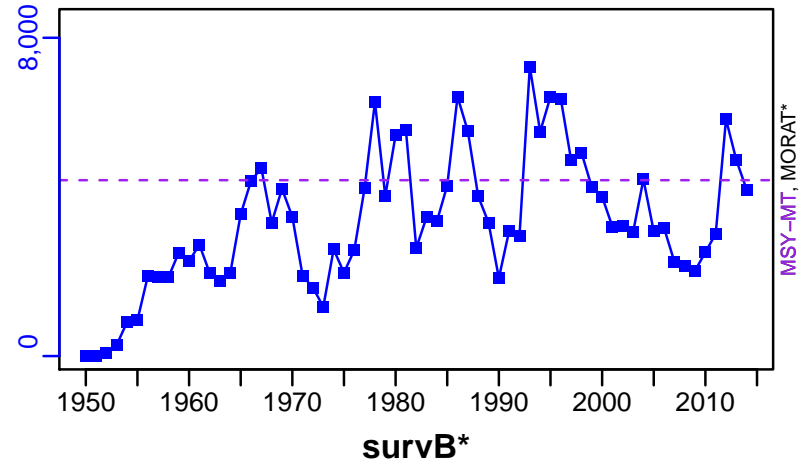
Recruits*



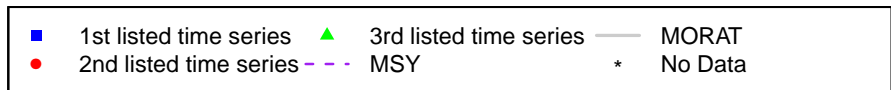
Striped marlin Indian Ocean [STMARLINIO]

TC-MT, TL*, RecC* (1950-2014-PONS)

TAC*, Cpair*, Cadv*



EFFORT*



Swordfish Indian Ocean [SWORDIO]

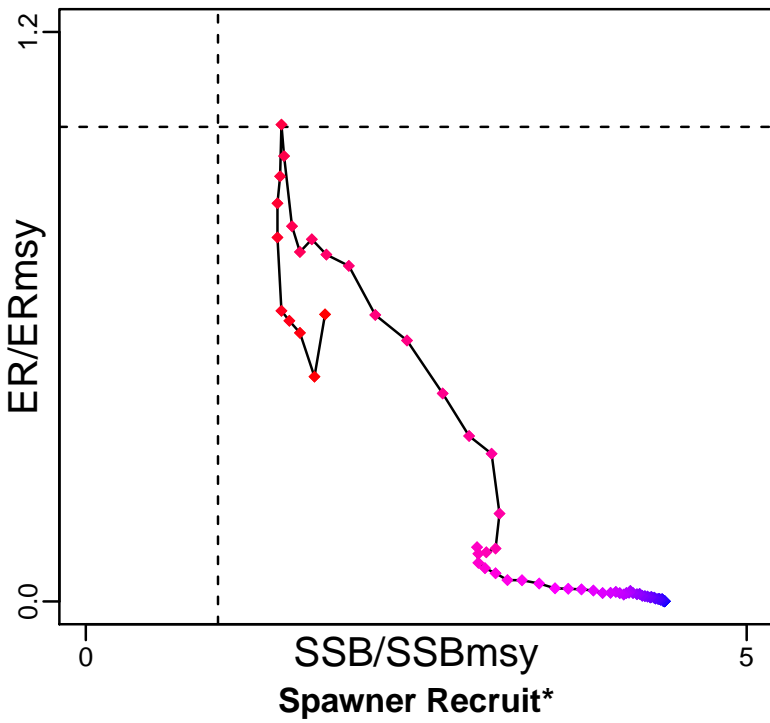
| Metadata | |
|-----------------------------|------------------------------|
| Scientific Name | Xiphias gladius |
| Current Assess ID | IOTC-SWORDIO-1950-2014-PONS |
| Area | Indian Ocean |
| Management Authority | Indian Ocean Tuna Commission |
| Assessor | Indian Ocean Tuna Commission |
| Asmts in RAM | 2014 |

| Reference Points | | | |
|------------------|------------------|-----------|--------|
| Type | ID | Asmt Year | Value |
| TBmsy | - | - | - |
| SSBmsy | SSBmsy-MT | 2014 | 17,000 |
| Fmsy | Fmsy-1/yr | 2014 | 0.12 |
| ERmsy | ERmsy-conv-ratio | 2014 | 0.61 |
| TBmgt | - | - | - |
| SSBmgt | - | - | - |
| Fmgt | - | - | - |
| ERmgt | - | - | - |
| TB0 | - | - | - |
| SSB0 | - | - | - |
| MSY | MSY-MT | 2014 | 27,100 |
| M | - | - | - |
| TBlim | - | - | - |
| SSBlim | - | - | - |
| Flim | - | - | - |
| ERlim | - | - | - |

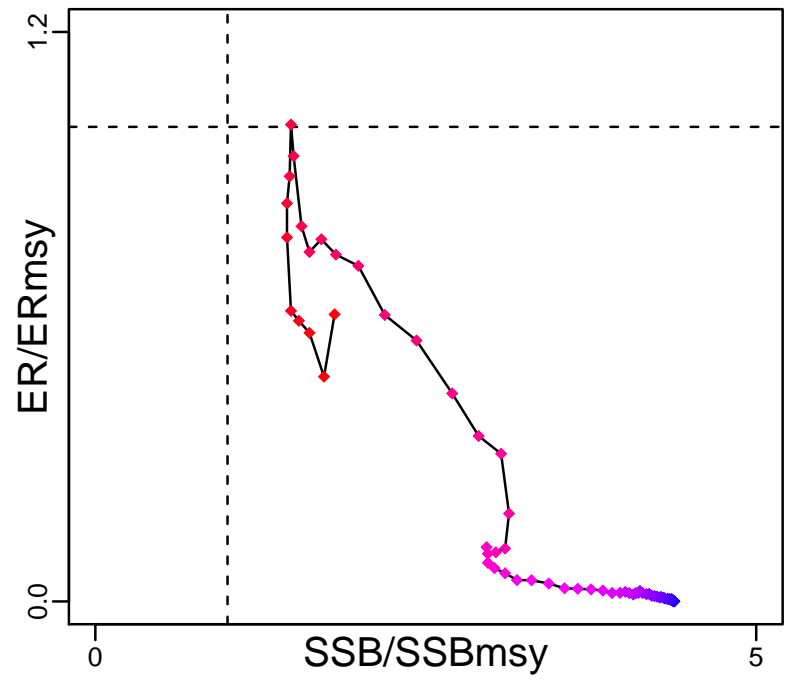
| Time Series | | | | | |
|-------------------|--------------------------------|-----------|------------|---------|-----|
| Type | ID | Asmt Year | Curr Value | Sex | Age |
| TB | - | - | - | - | - |
| SSB | SSB-MT | 2014 | 30,800 | Females | 10+ |
| TN | - | - | - | - | - |
| R | - | - | - | - | - |
| F | F-1/yr | 2014 | 0 | - | - |
| ER | ER-calc-ratio | 2014 | 0 | - | - |
| TC | TC-MT | 2014 | 29,900 | | |
| TL | - | - | - | | |
| TB/TBmsy | - | - | - | | |
| SSB/SSBmsy | SSBdivSSBmsy-dimensionless | 2014 | 1.81 | | |
| F/Fmsy | FdivFmsy-dimensionless | 2014 | 0.7 | | |
| ER/ERmsy | ER-calc-ratio/ERmsy-conv-ratio | 2014 | 0.6 | | |
| TB/TBmgt | - | - | - | | |
| SSB/SSBmgt | - | - | - | | |
| F/Fmgt | - | - | - | | |
| ER/ERmgt | - | - | - | | |

Swordfish Indian Ocean [SWORDIO]

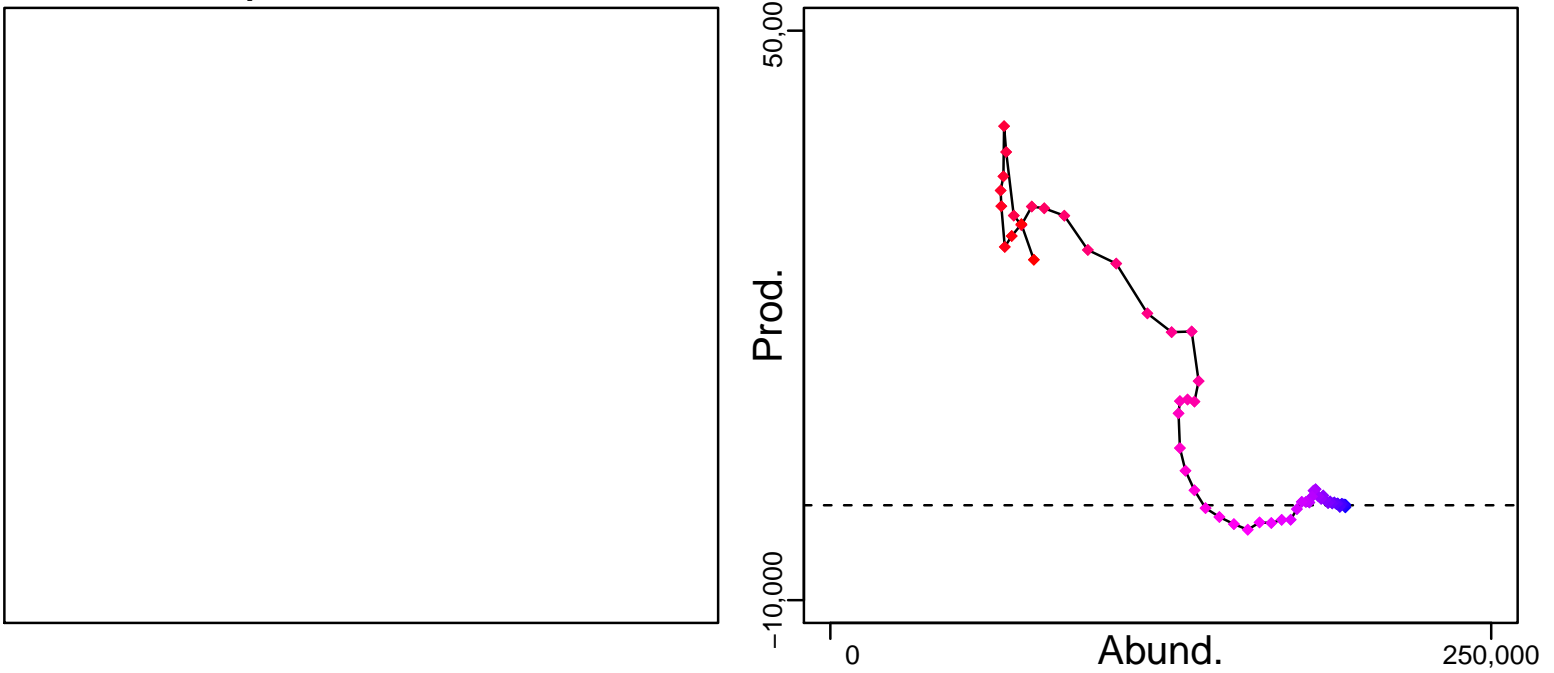
Kobe MSY_{pref} (1950–2014–PONS)



Kobe MGT_{pref} (1950–2014–PONS)



Production (1950–2014–PONS)



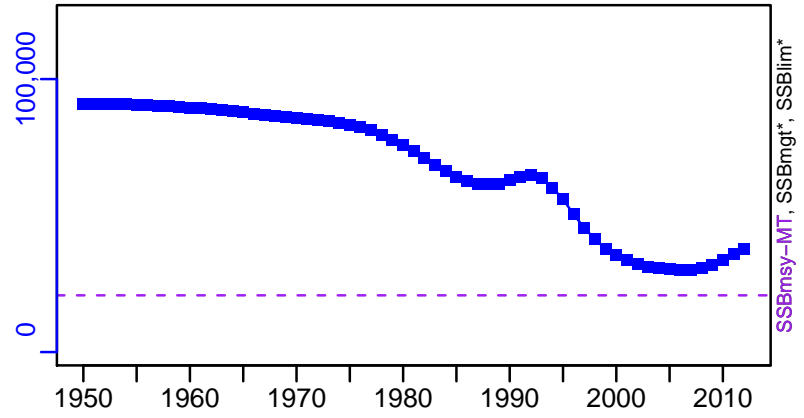
◆ Start Year ◆ End Year * No Data

Swordfish Indian Ocean [SWORDIO]

TB*



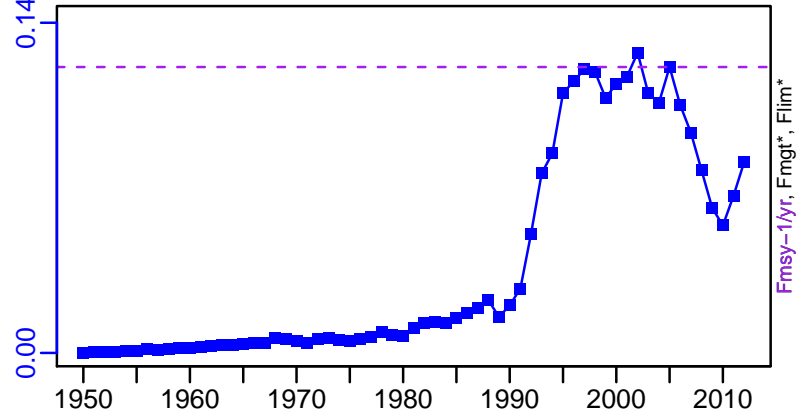
SSB-MT (1950–2014–PONS)



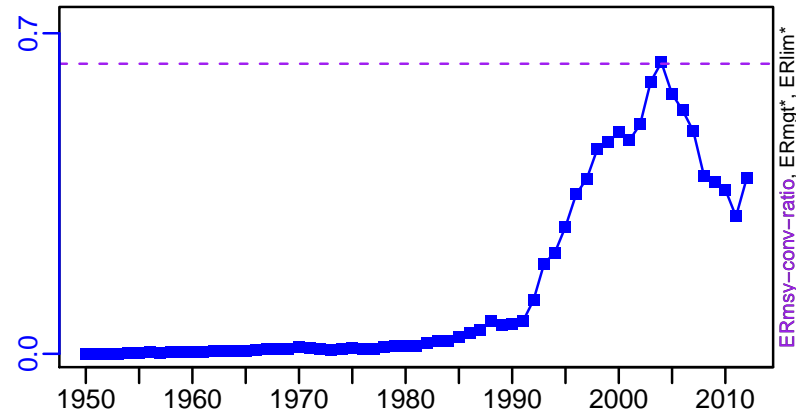
TN *



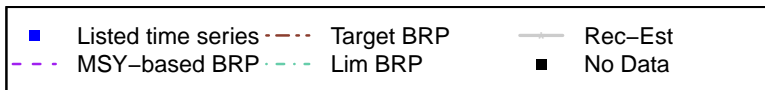
F-1/yr (1950–2014–PONS)



ER-calc-ratio (1950–2014–PONS)



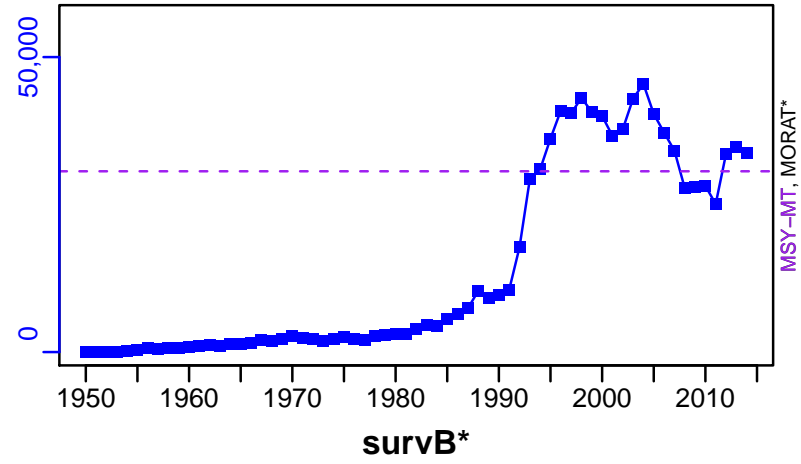
Recruits*



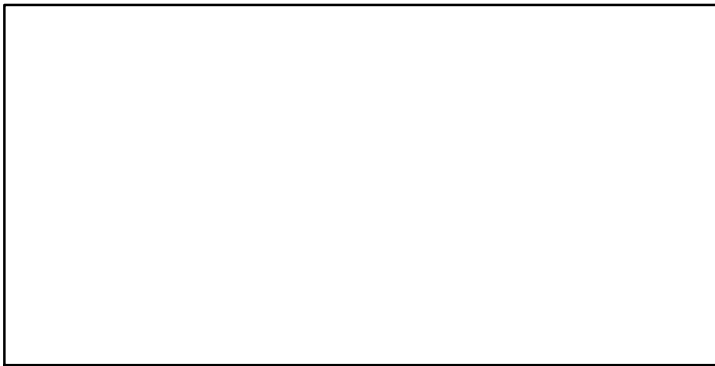
Swordfish Indian Ocean [SWORDIO]

TC-MT, TL*, RecC* (1950-2014-PONS)

TAC*, Cpair*, Cadv*



EFFORT*



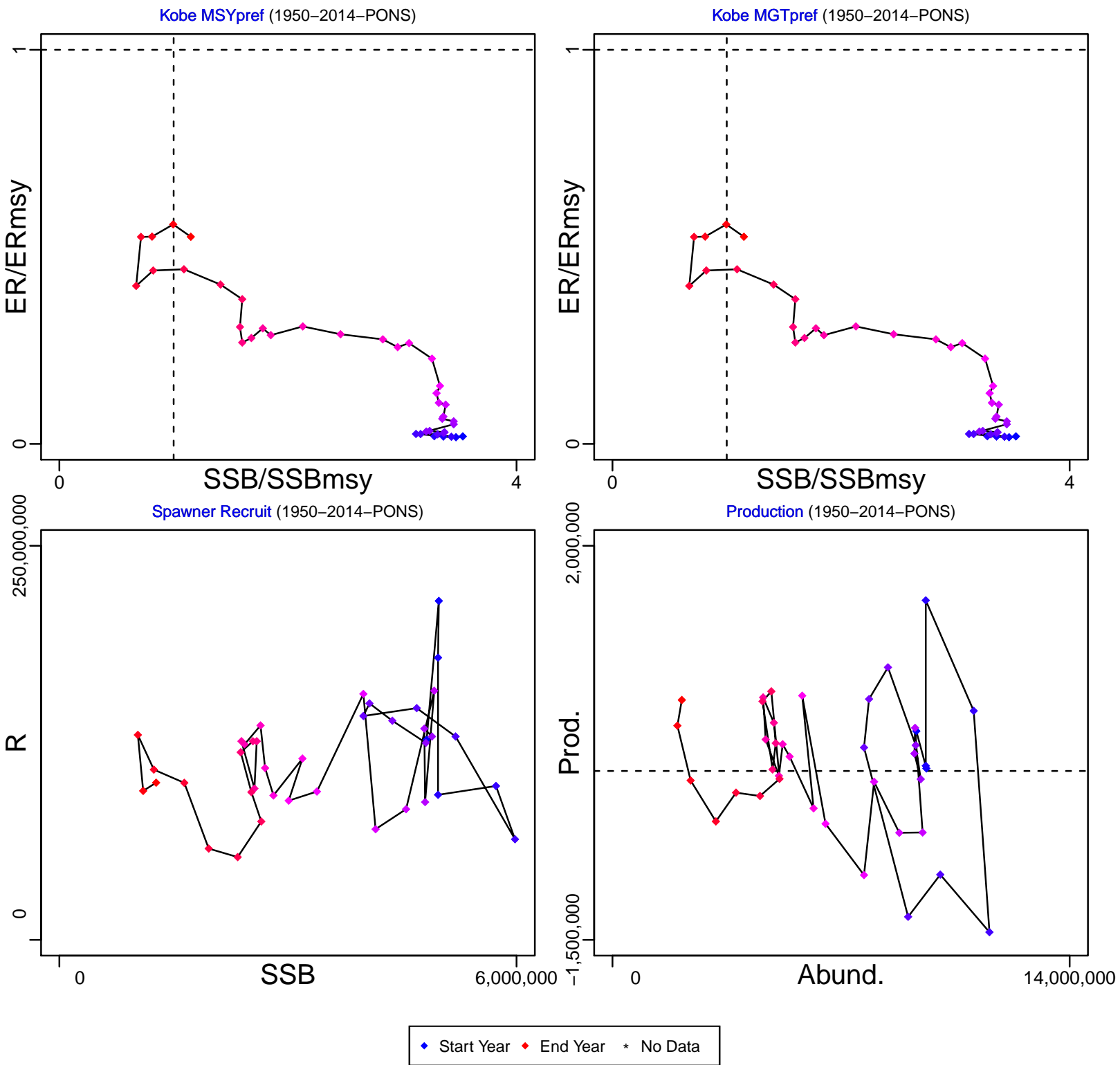
Yellowfin tuna Indian Ocean [YFINEIO]

| Metadata | |
|-----------------------------|------------------------------|
| Scientific Name | Thunnus albacares |
| Current Assess ID | IOTC-YFINEIO-1950-2014-PONS |
| Area | Indian Ocean |
| Management Authority | Indian Ocean Tuna Commission |
| Assessor | Indian Ocean Tuna Commission |
| Asmts in RAM | 2014 |

| Reference Points | | | |
|------------------|------------------|-----------|-----------|
| Type | ID | Asmt Year | Value |
| TBmsy | TBmsy-MT | 2014 | 1,346,000 |
| SSBmsy | SSBmsy-MT | 2014 | 881,400 |
| Fmsy | - | - | - |
| ERmsy | ERmsy-calc-ratio | 2014 | 0.26 |
| TBmgt | - | - | - |
| SSBmgt | - | - | - |
| Fmgt | - | - | - |
| ERmgt | - | - | - |
| TB0 | TB0-MT | 2014 | 3,596,000 |
| SSB0 | SSB0-MT | 2014 | 2,910,000 |
| MSY | MSY-MT | 2014 | 343,680 |
| M | - | - | - |
| TBlim | - | - | - |
| SSBlim | - | - | - |
| Flim | - | - | - |
| ERlim | - | - | - |

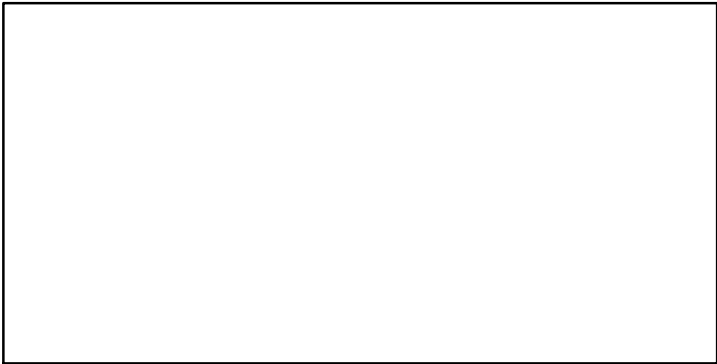
| Time Series | | | | | |
|-------------------|--------------------------------|-----------|------------|-----|-----|
| Type | ID | Asmt Year | Curr Value | Sex | Age |
| TB | - | - | - | - | - |
| SSB | SSB-MT | 2014 | 1,270,000 | - | - |
| TN | - | - | - | - | - |
| R | R-E00 | 2014 | 99,700,000 | - | - |
| F | - | - | - | - | - |
| ER | ER-calc-ratio | 2014 | 0 | - | - |
| TC | TC-MT | 2014 | 438,000 | | |
| TL | - | - | - | | |
| TB/TBmsy | - | - | - | | |
| SSB/SSBmsy | SSBdivSSBmsy-dimensionless | 2014 | 1.15 | | |
| F/Fmsy | FdivFmsy-dimensionless | 2014 | 0.62 | | |
| ER/ERmsy | ER-calc-ratio/ERmsy-calc-ratio | 2014 | 0.53 | | |
| TB/TBmgt | - | - | - | | |
| SSB/SSBmgt | - | - | - | | |
| F/Fmgt | - | - | - | | |
| ER/ERmgt | - | - | - | | |

Yellowfin tuna Indian Ocean [YFINEIO]

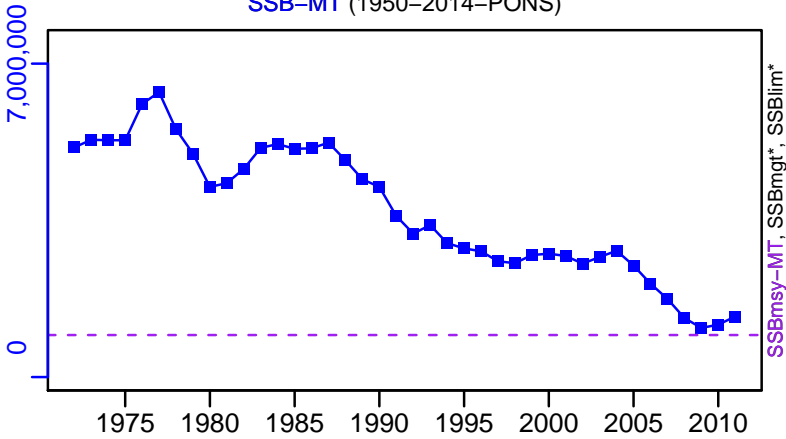


Yellowfin tuna Indian Ocean [YFINEIO]

TB*



SSB-MT (1950–2014–PONS)



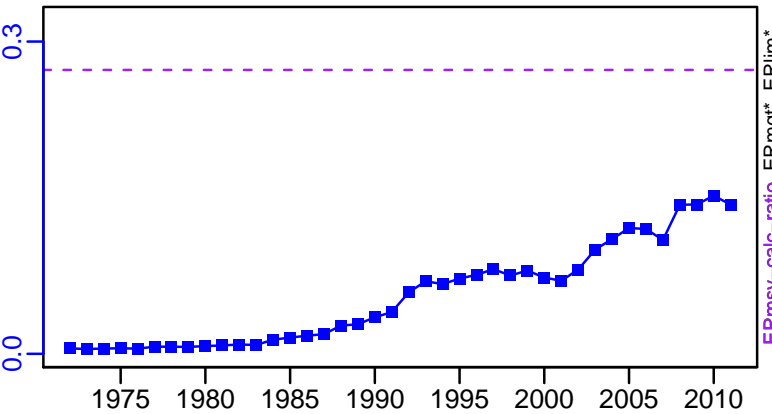
TN *



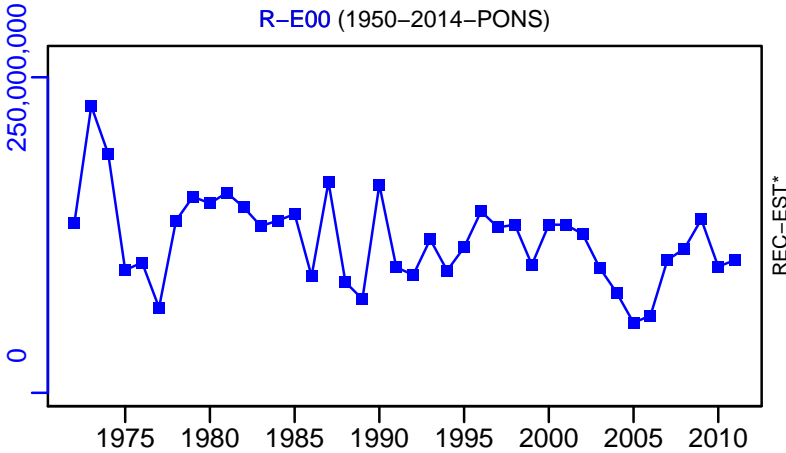
F*



ER-calc-ratio (1950–2014–PONS)

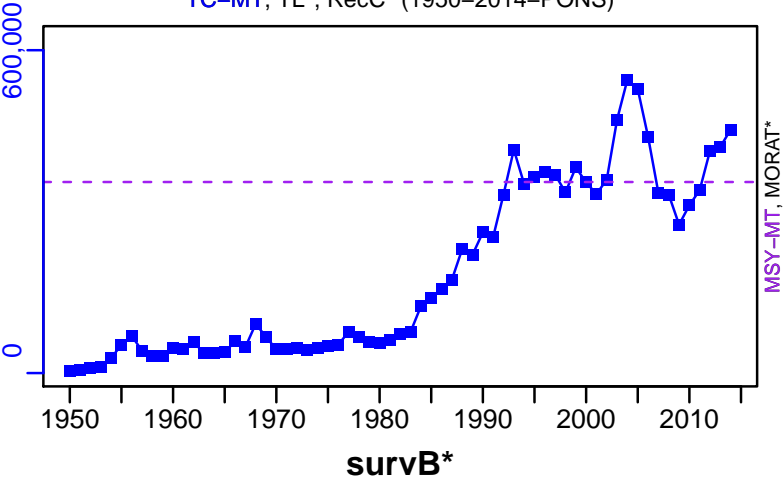


R-E00 (1950–2014–PONS)



Yellowfin tuna Indian Ocean [YFINEIO]

TC-MT, TL*, RecC* (1950-2014-PONS)



TAC*, Cpair*, Cadv*



CPUE*



EFFORT*

