

ACADREDGOMGB

Spawning biomass

0e+00

1e+05

2e+05

3e+05

4e+05

Recruitment

3.0e+08

2.5e+08

2.0e+08

1.5e+08

1.0e+08

5.0e+07

0.0e+00

3.0e+08

2.5e+08

2.0e+08

1.5e+08

1.0e+08

5.0e+07

0.0e+00

1950

1960

1970

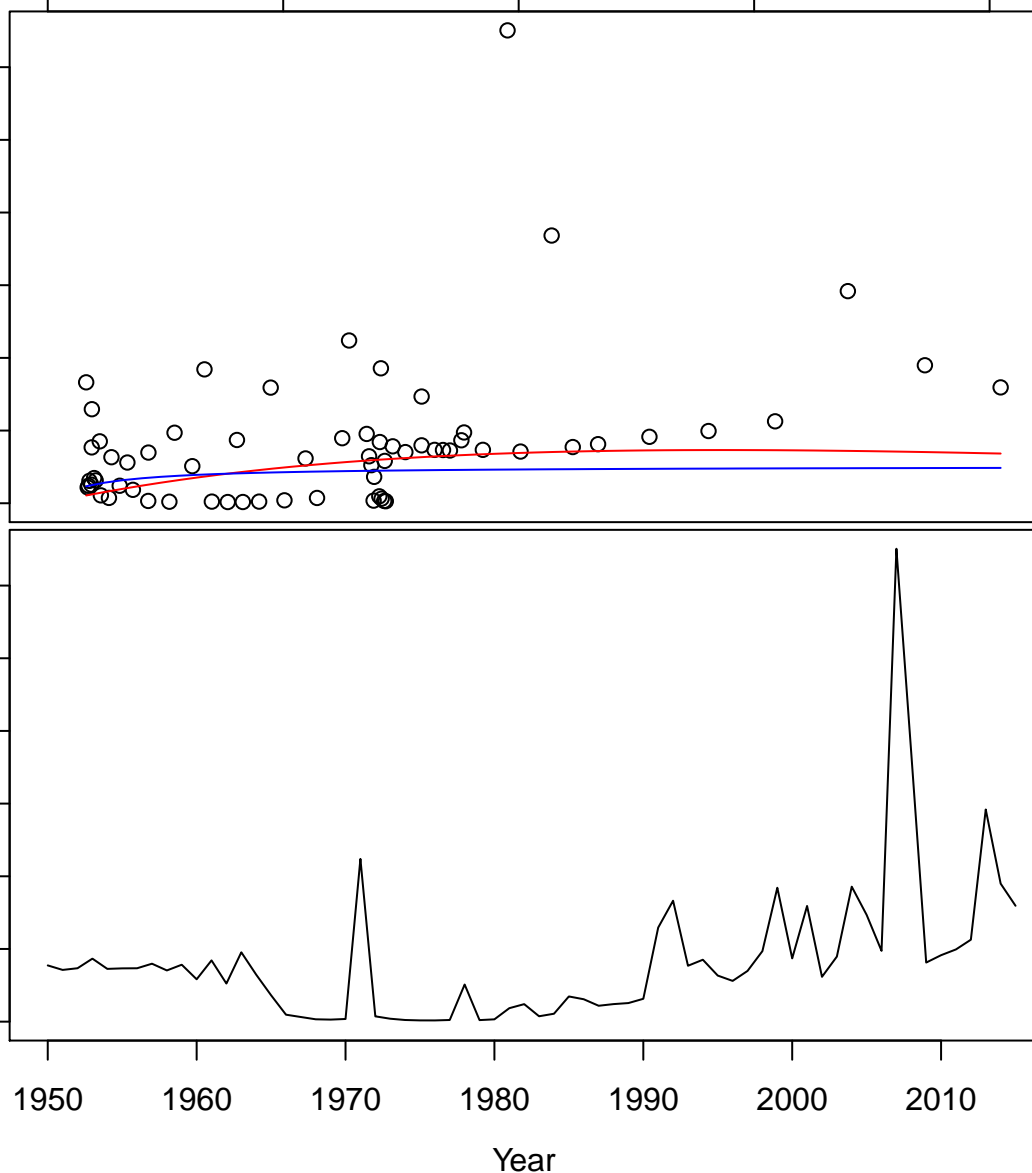
1980

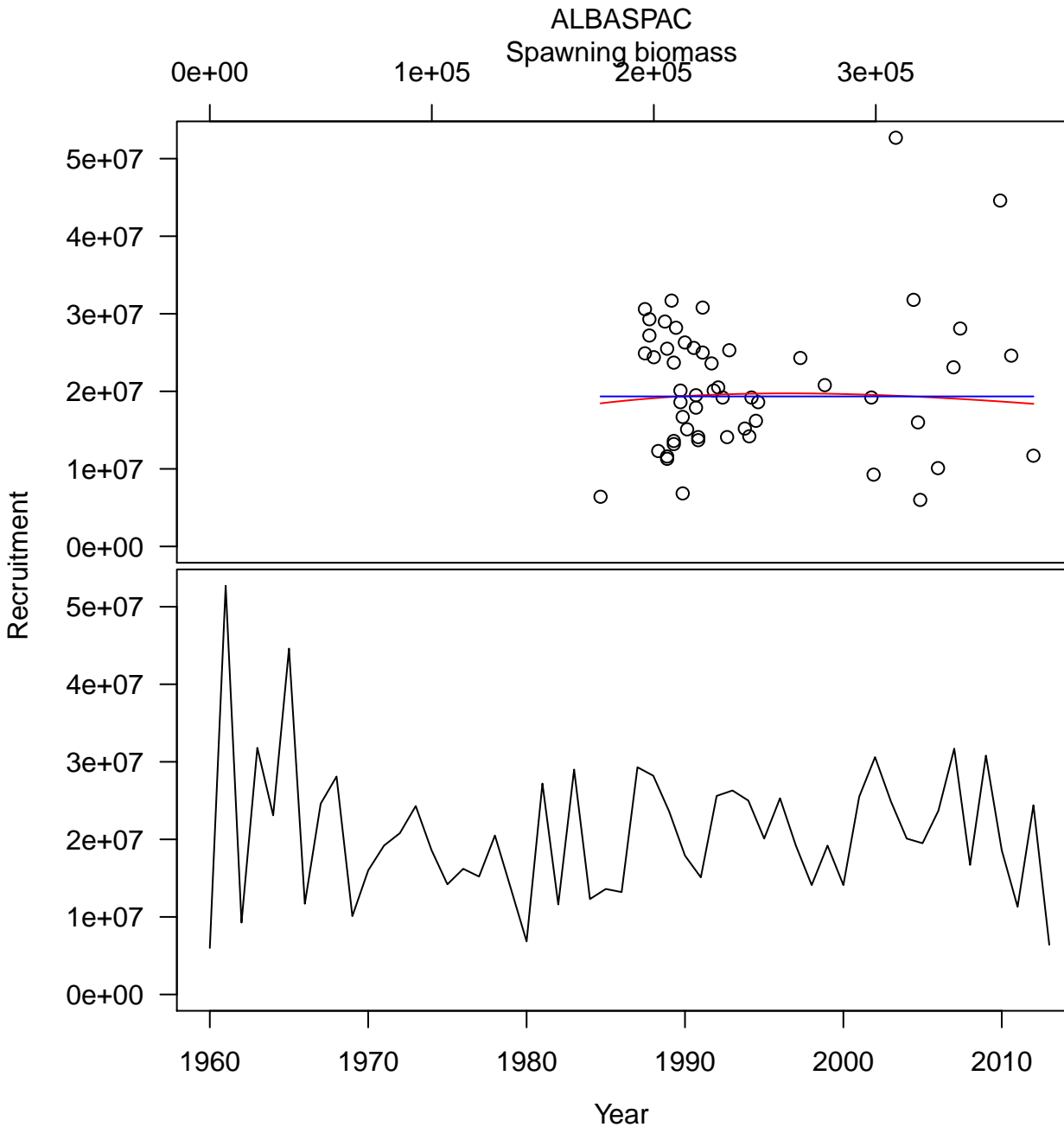
1990

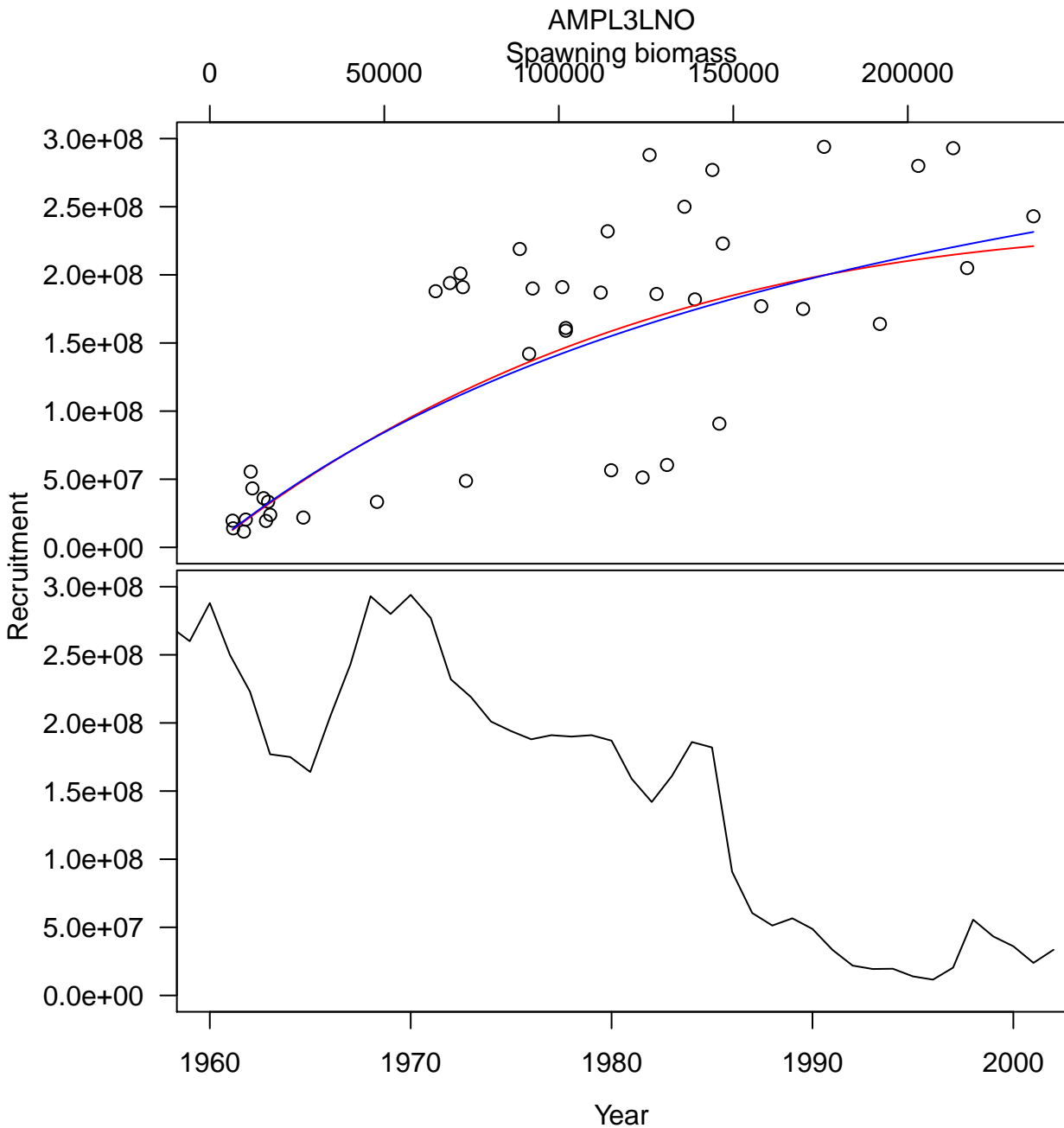
2000

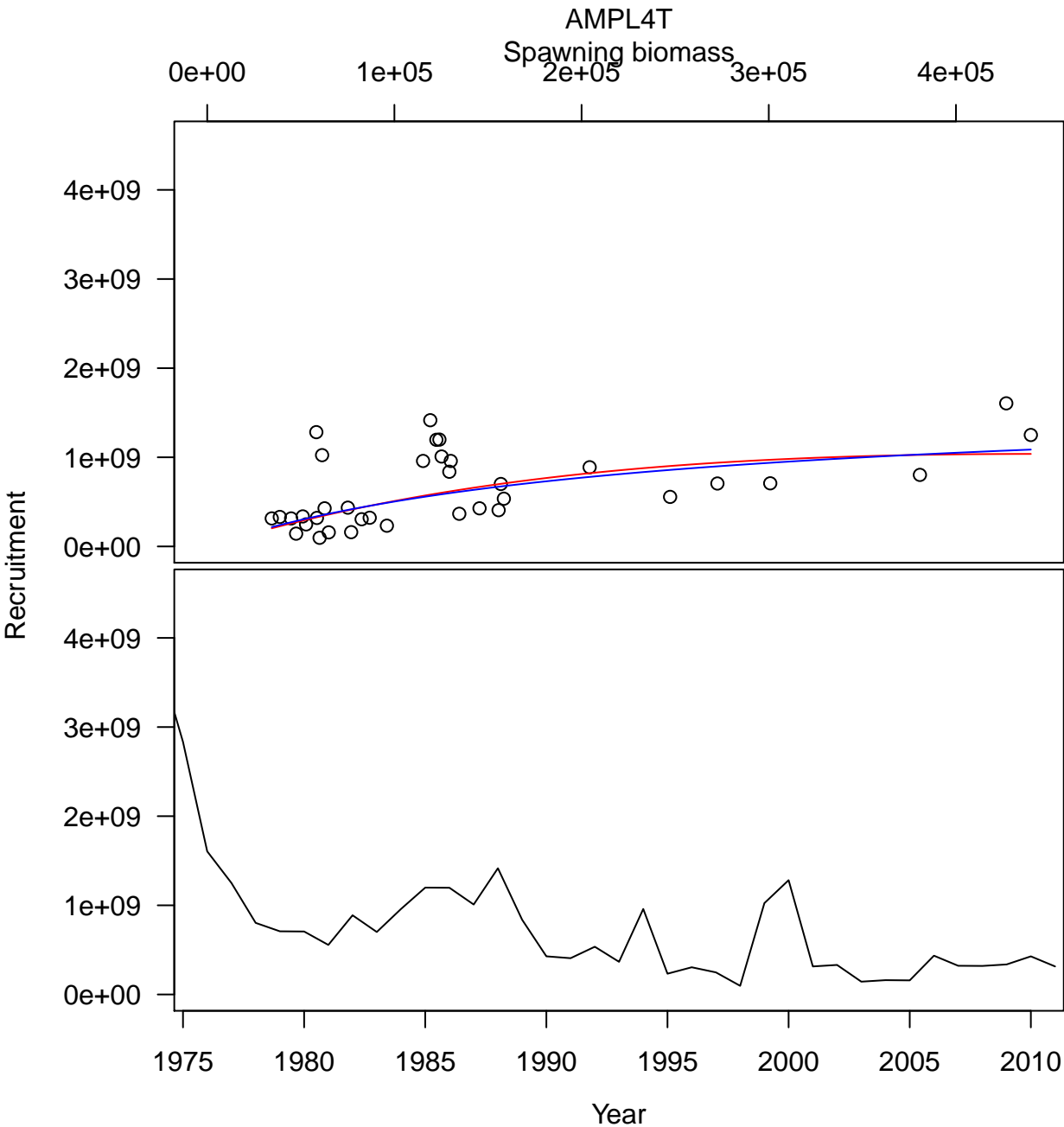
2010

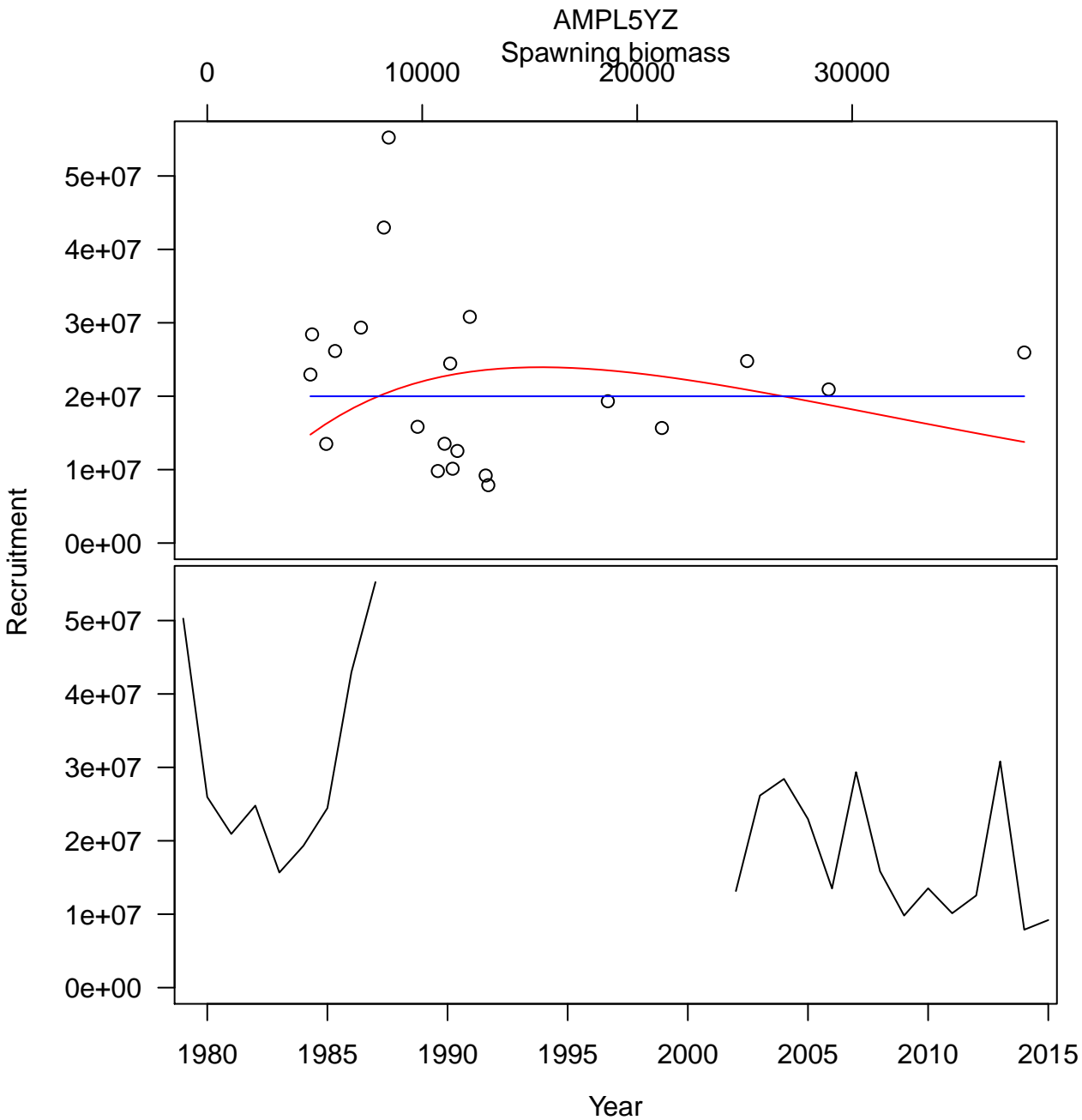
Year











ANCHMEDGSA29

Spawning biomass

0e+00 2e+05 4e+05 6e+05 8e+05 1e+06

3.5e+11

3.0e+11

2.5e+11

2.0e+11

1.5e+11

1.0e+11

5.0e+10

0.0e+00

Recruitment

3.5e+11

3.0e+11

2.5e+11

2.0e+11

1.5e+11

1.0e+11

5.0e+10

0.0e+00

1990

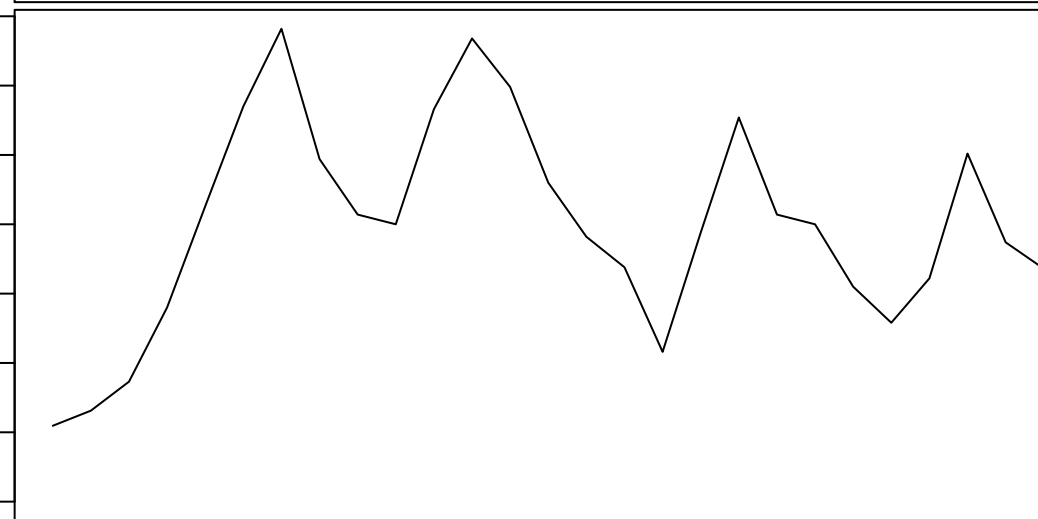
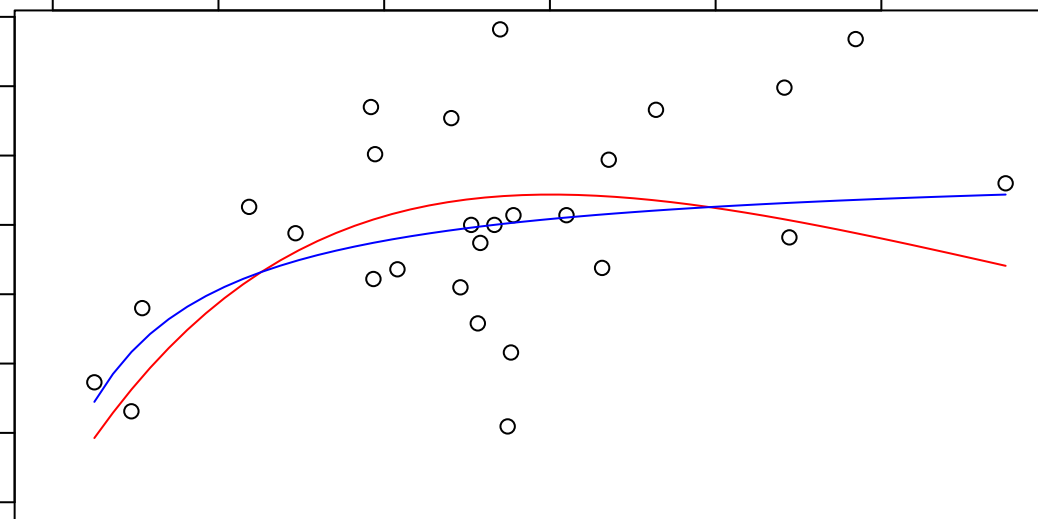
1995

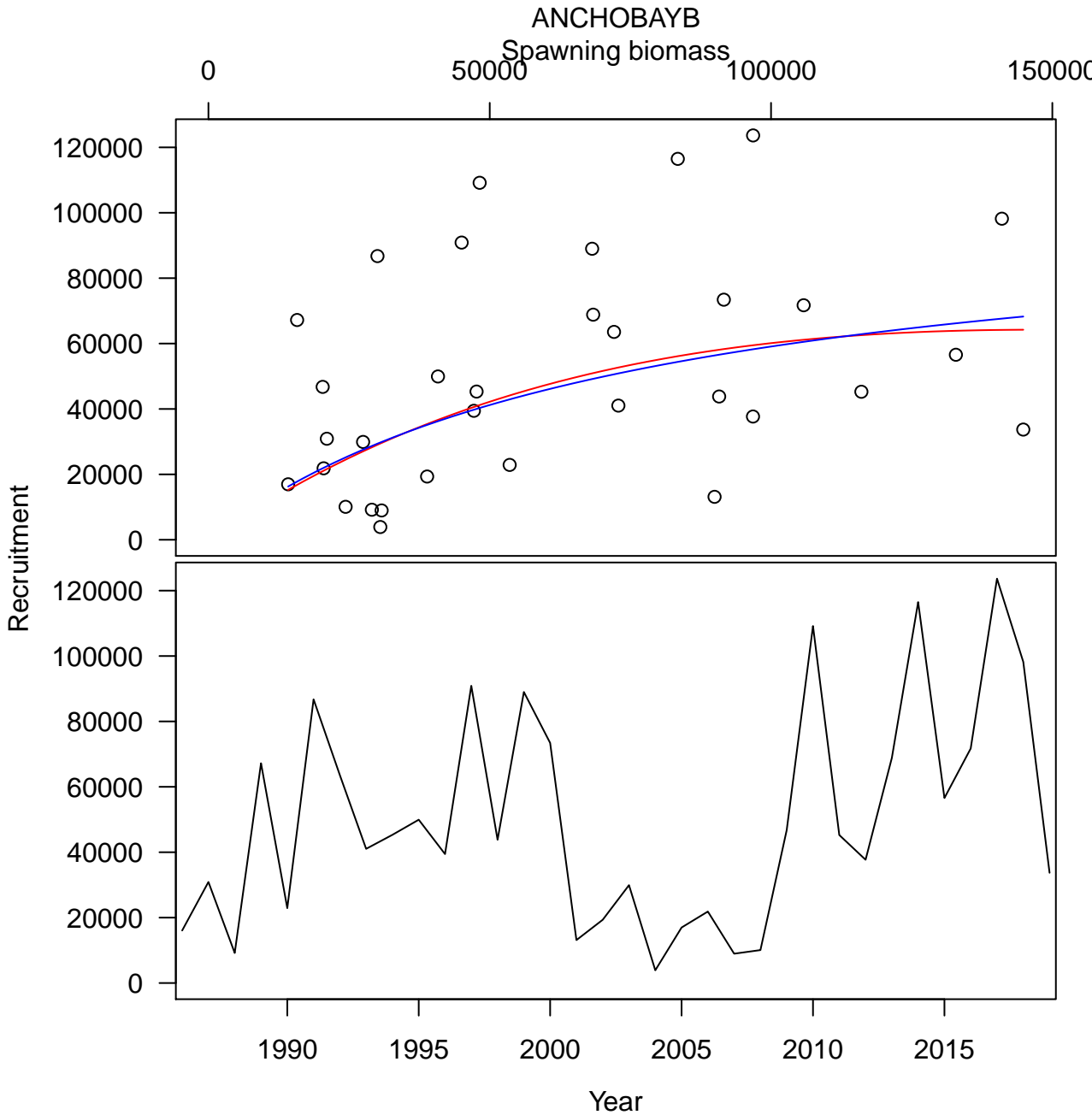
2000

2005

2010

Year

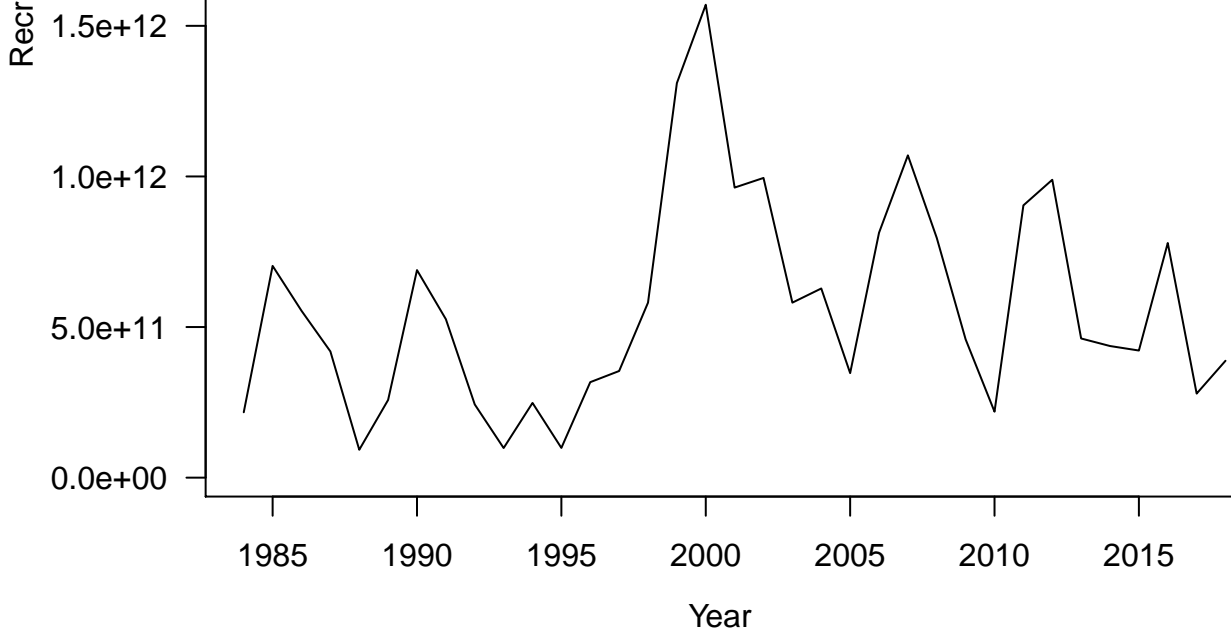
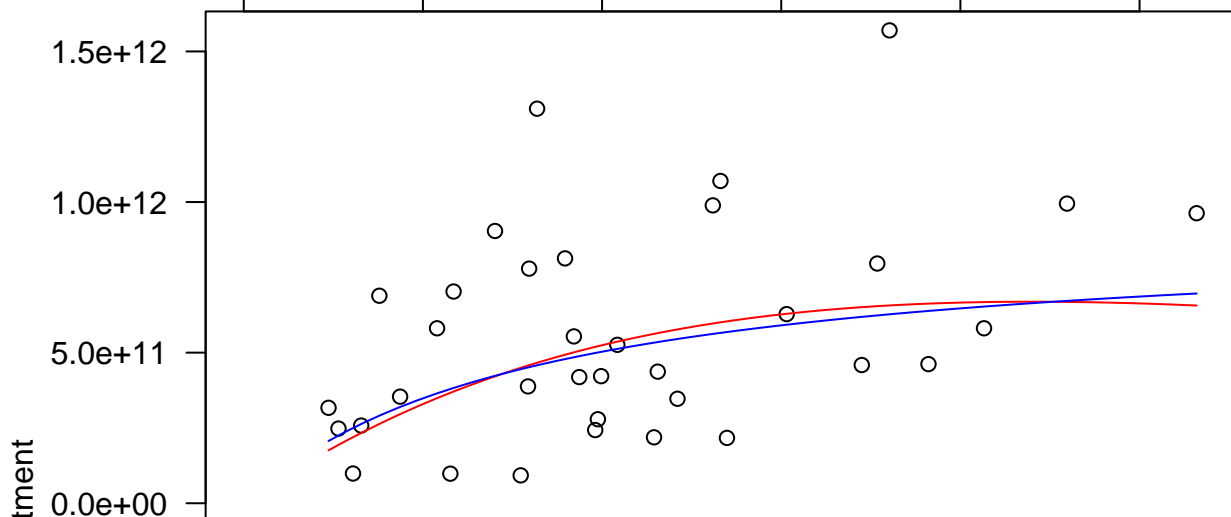


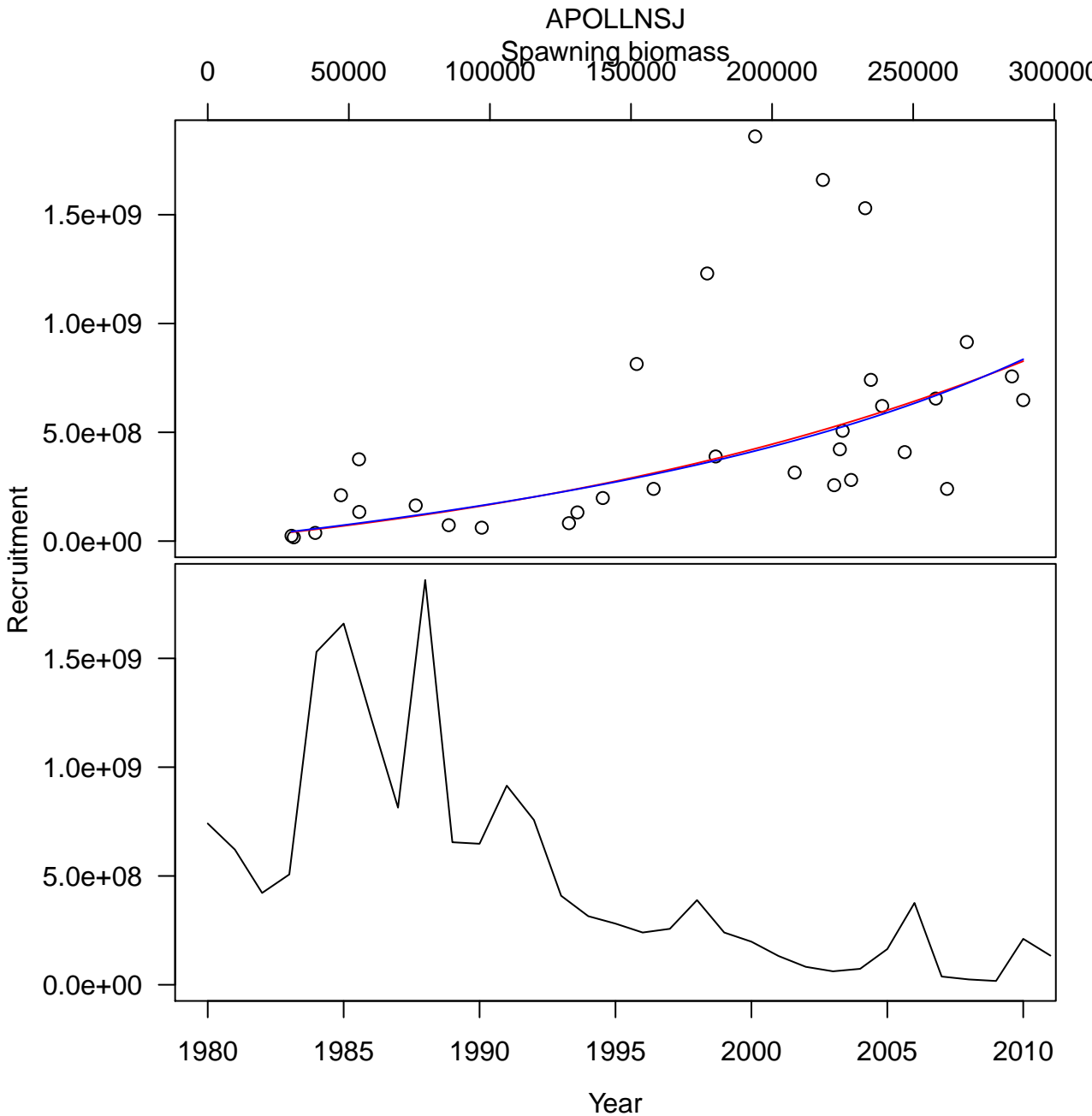


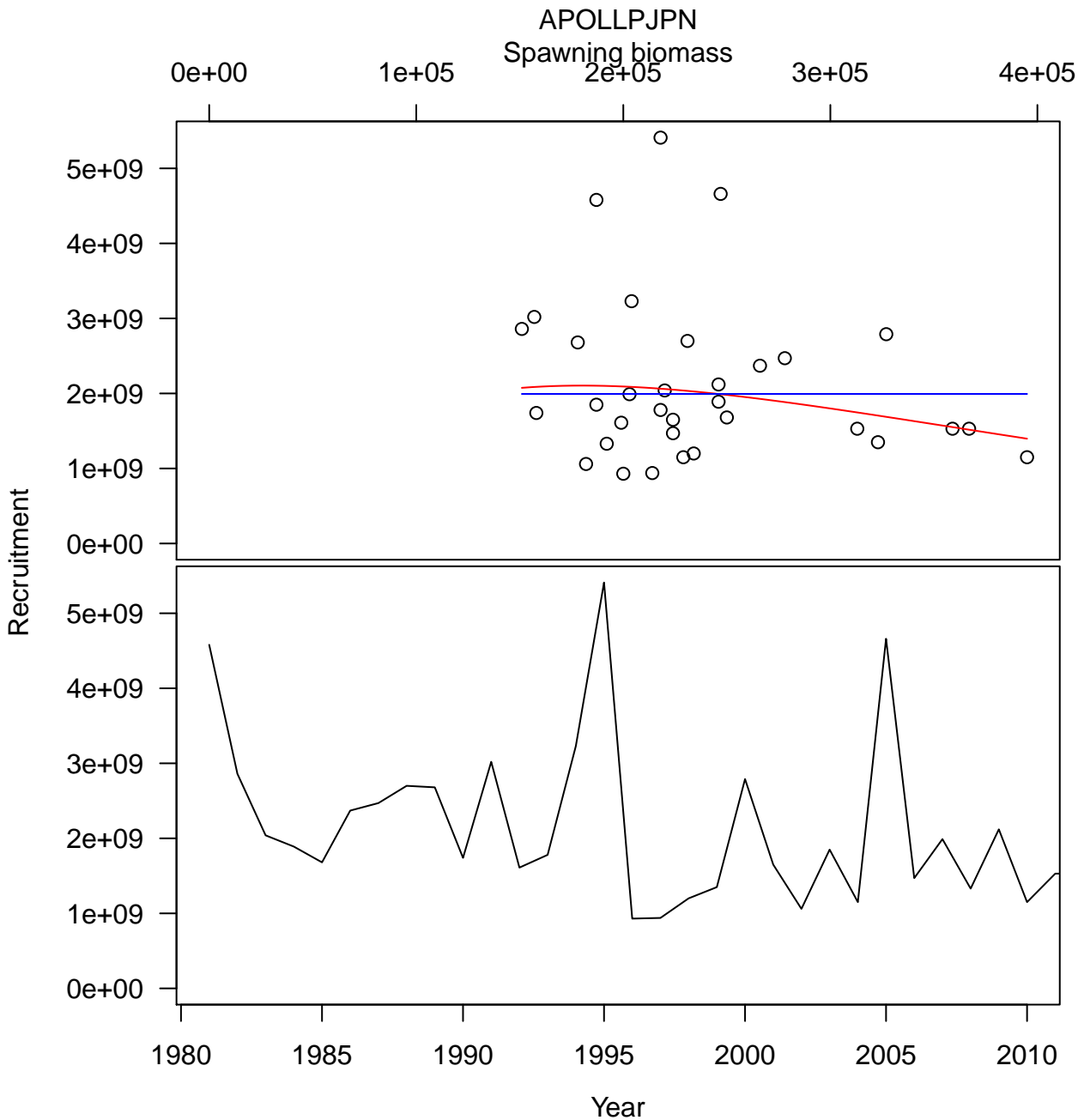
ANCHOSA

Spawning biomass

0e+00 1e+06 2e+06 3e+06 4e+06 5e+06

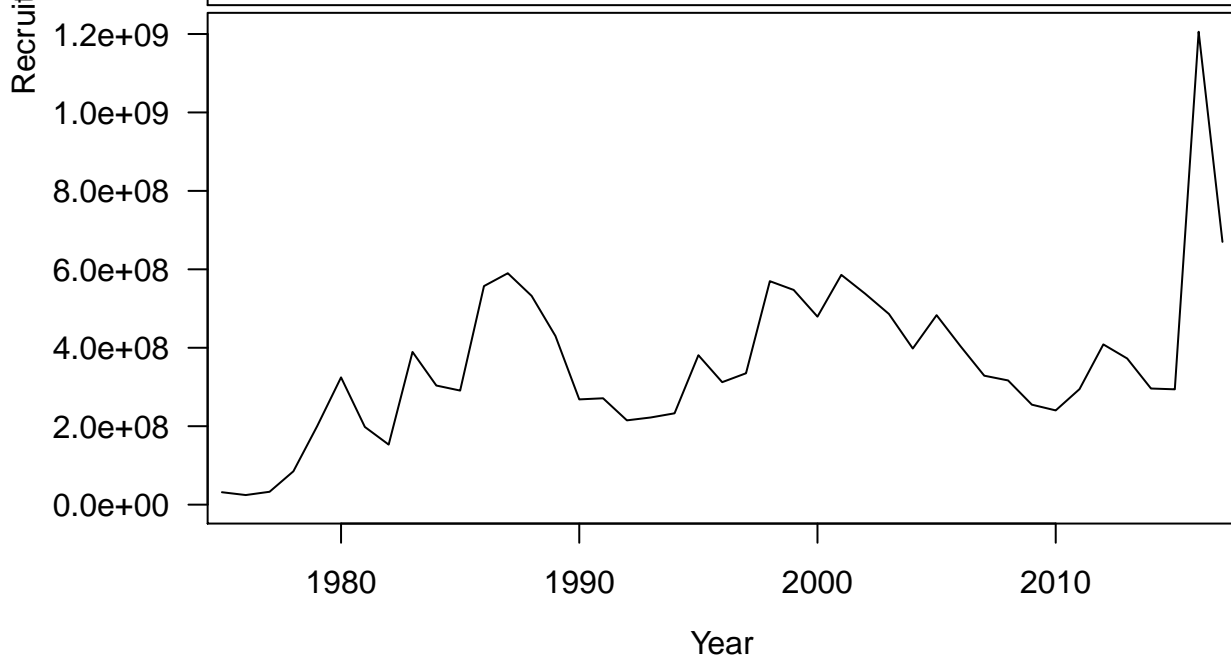
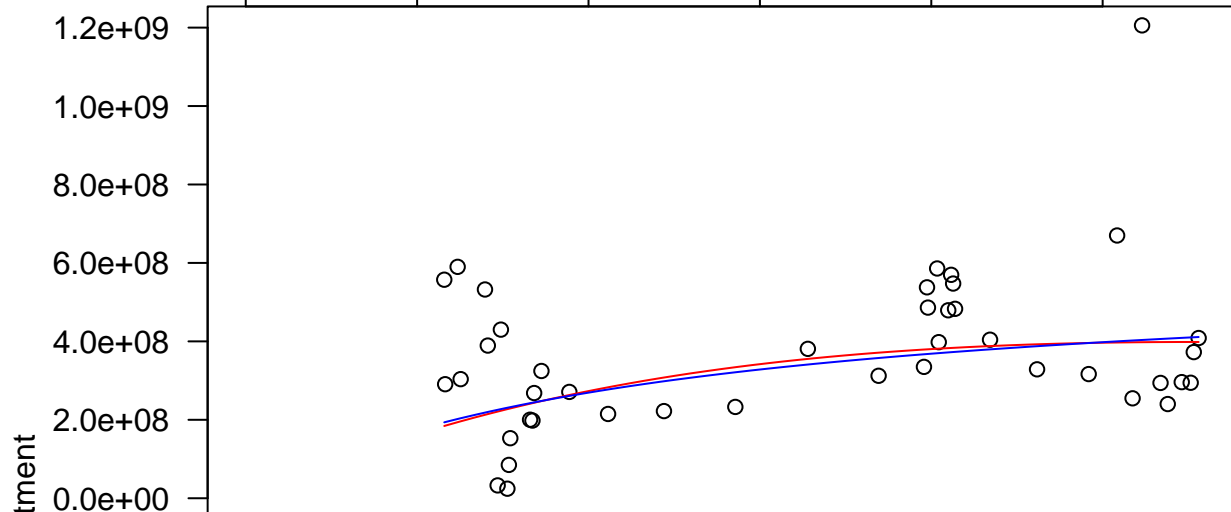






ARFLOUNDBSAI
Spawning biomass

0e+00 1e+05 2e+05 3e+05 4e+05 5e+05



ARFLOUNDGA

Spawning biomass

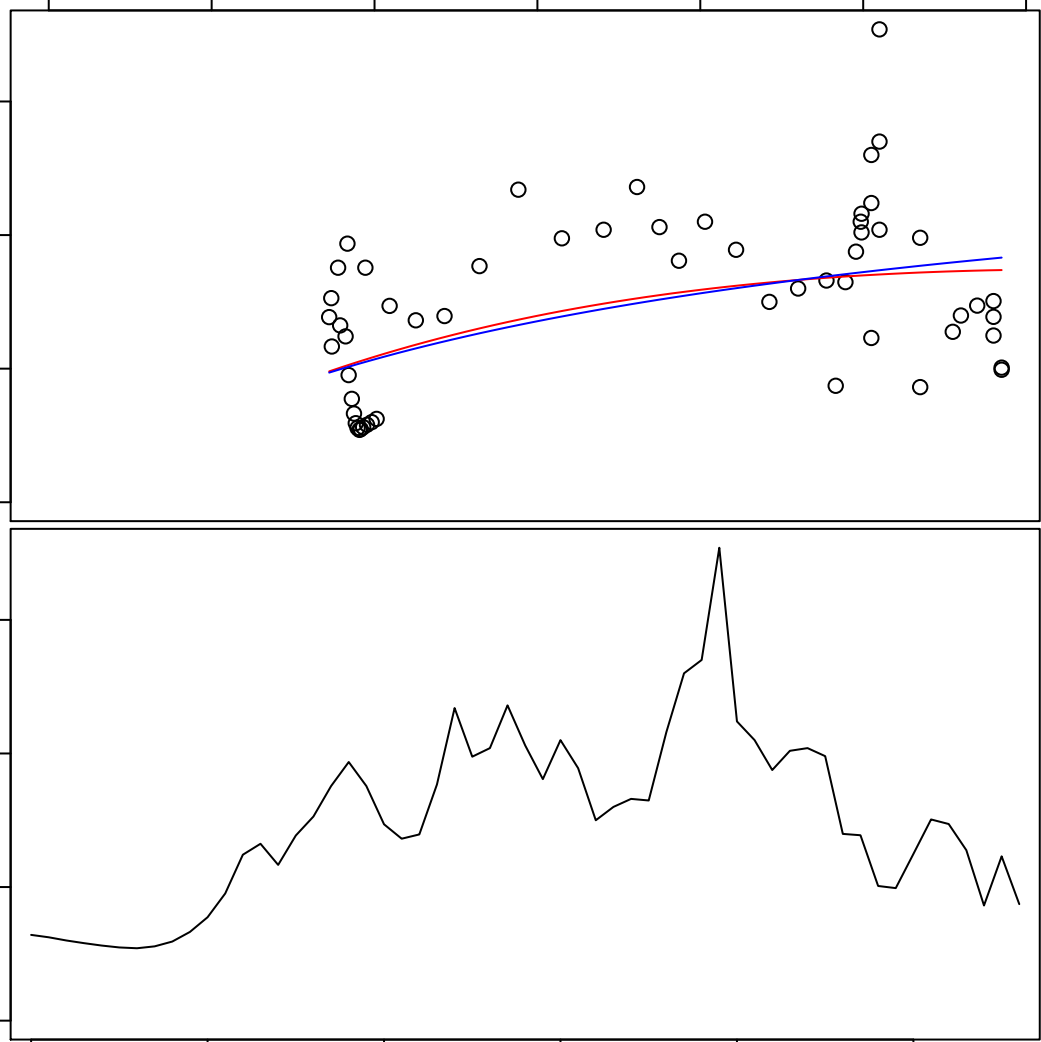
0 200000 400000 600000 800000 1000000 1200000

Recruitment

1.5e+09
1.0e+09
5.0e+08
0.0e+00
1.5e+09
1.0e+09
5.0e+08
0.0e+00

1960 1970 1980 1990 2000 2010

Year



ARFLOUNDPCOAST

Spawning biomass

0 20000 40000 60000

Recruitment

1.5e+08
1.0e+08
5.0e+07
0.0e+00

1.5e+08
1.0e+08
5.0e+07
0.0e+00

1970

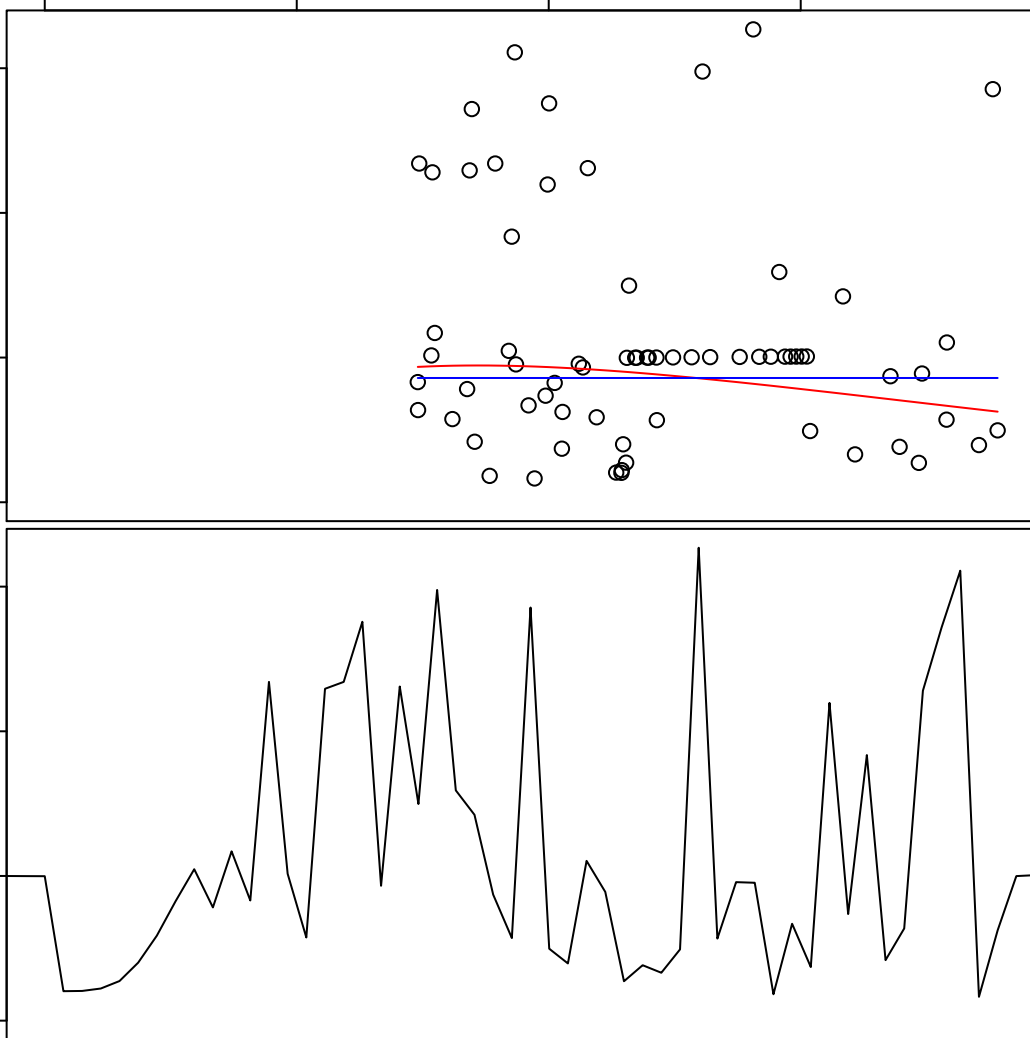
1980

1990

2000

2010

Year



ARGANCHONARG

Spawning biomass

0 500000 1000000 1500000 2000000 2500000

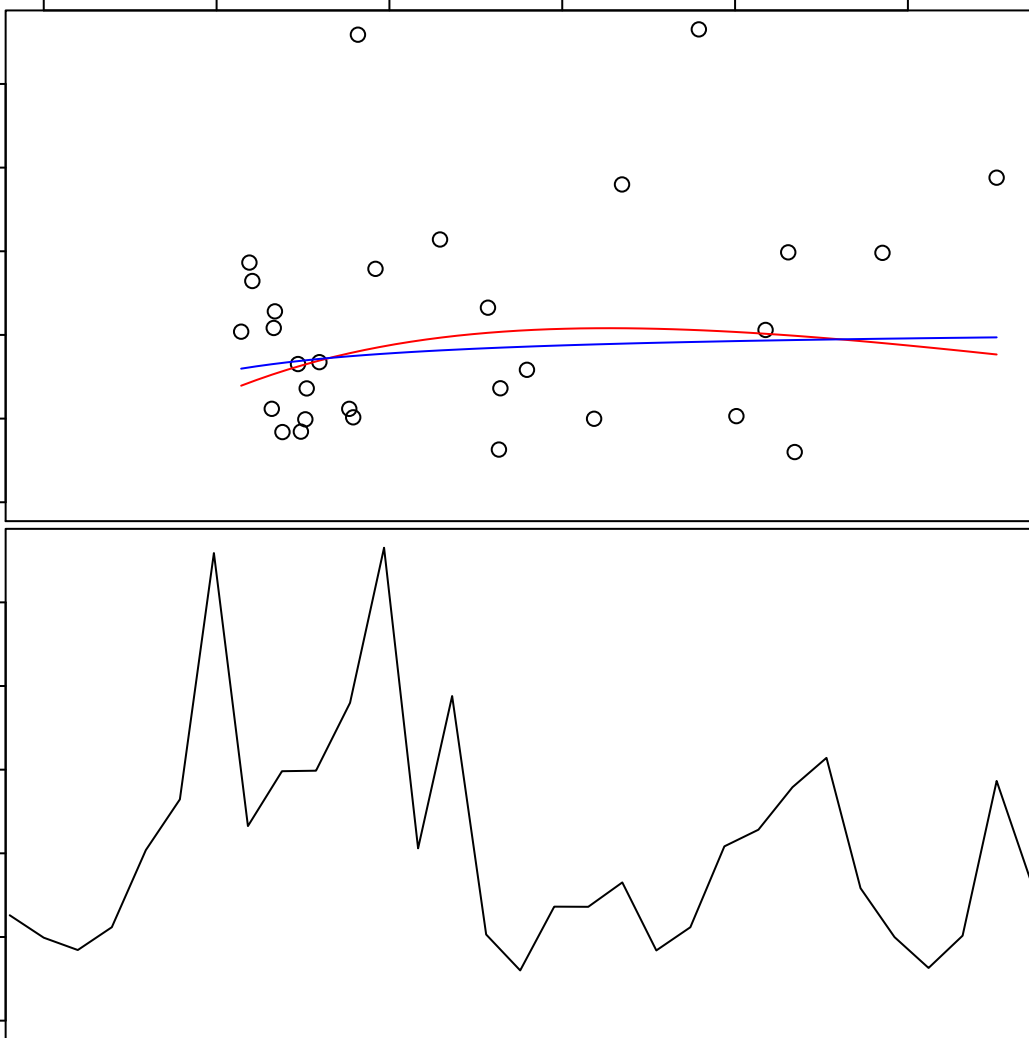
Recruitment

5e+11
4e+11
3e+11
2e+11
1e+11
0e+00

5e+11
4e+11
3e+11
2e+11
1e+11
0e+00

1990 1995 2000 2005 2010 2015

Year



ARGANCHOSARG

Spawning biomass

0

500000

1000000

1500000

4e+11

3e+11

2e+11

1e+11

0e+00

Recruitment

4e+11

3e+11

2e+11

1e+11

0e+00

1990

1995

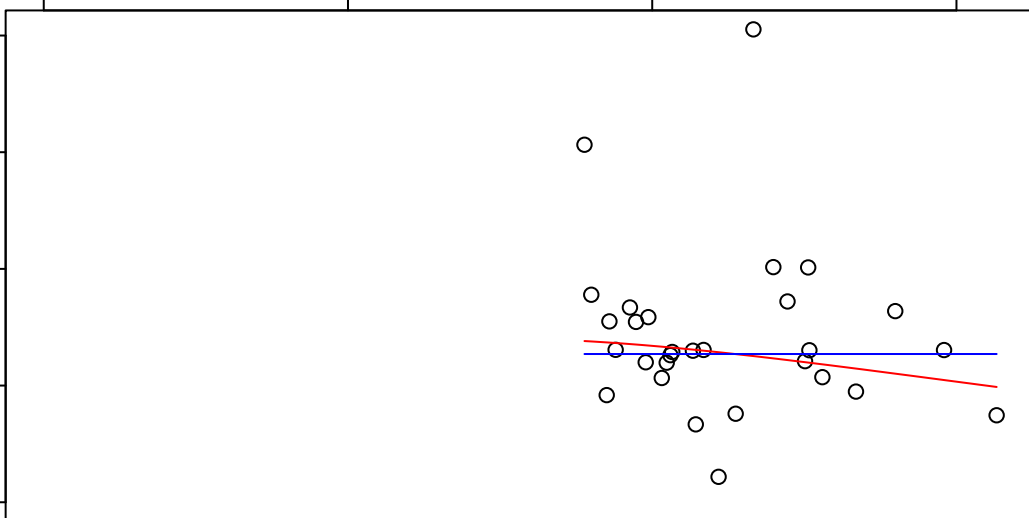
2000

2005

2010

2015

Year



ARGHAKESARG

Spawning biomass

0e+00

1e+05

2e+05

3e+05

4e+05

5e+05

6e+05

4e+09

3e+09

2e+09

1e+09

0e+00

Recruitment

4e+09

3e+09

2e+09

1e+09

0e+00

1990

1995

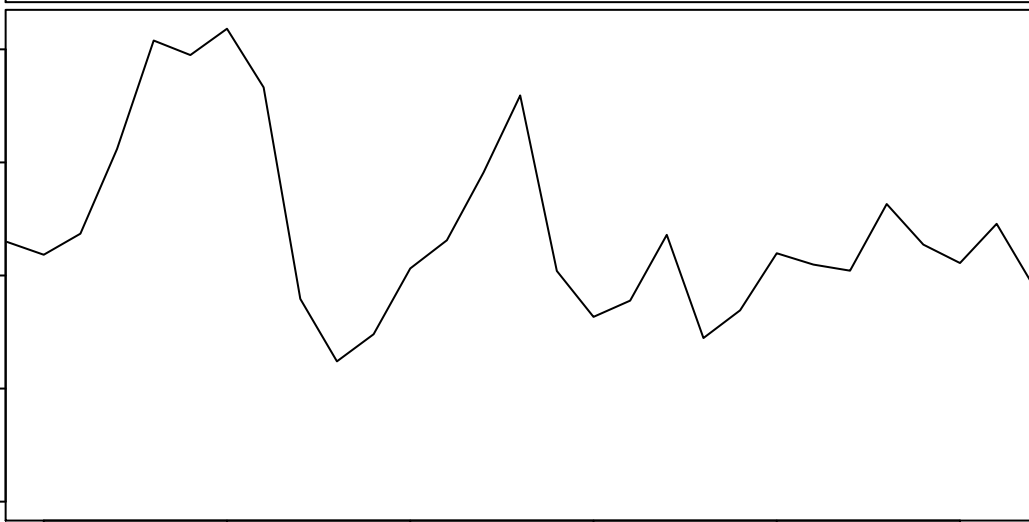
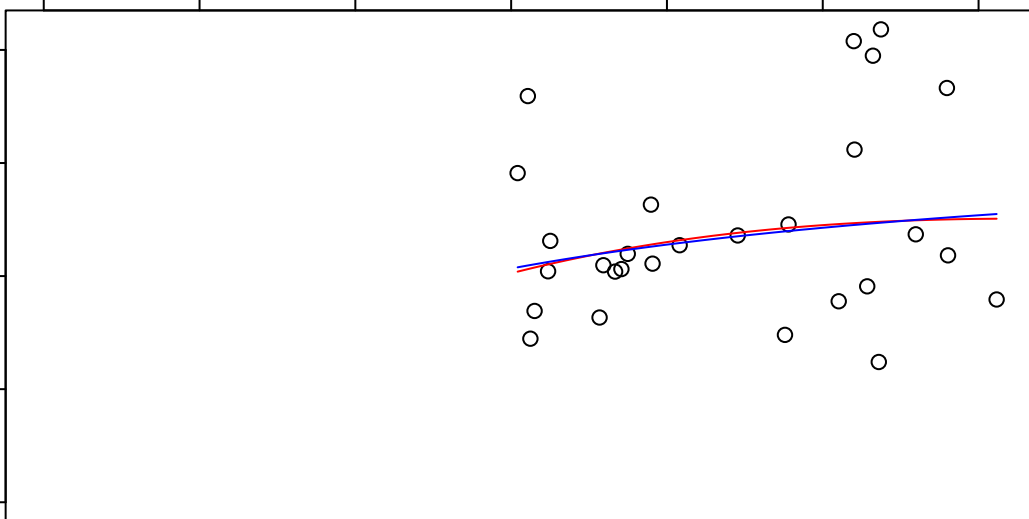
2000

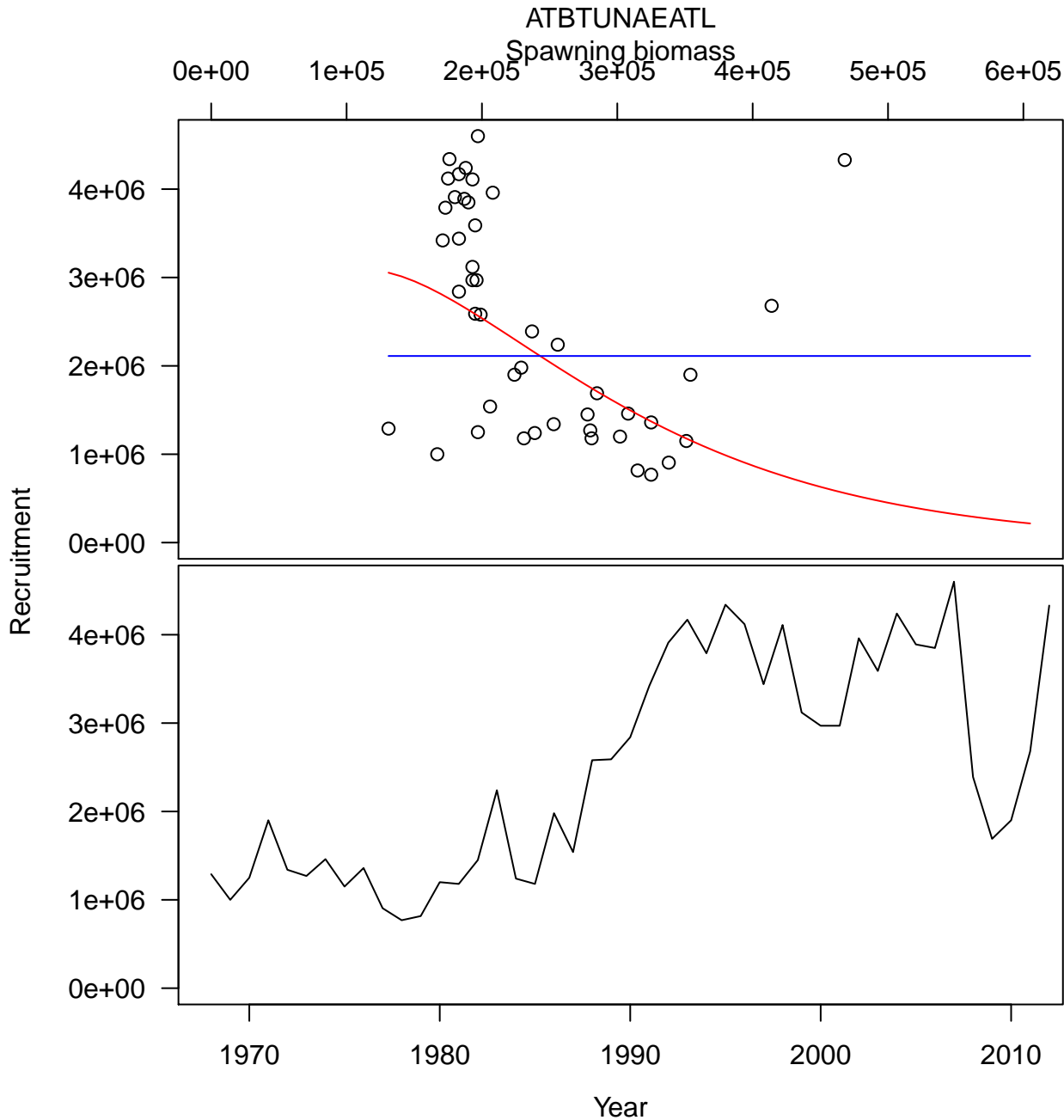
2005

2010

2015

Year





ATHAL3NOPs4VWX5Zc

Spawning biomass

0 1000 2000 3000 4000 5000 6000

2000000

1500000

1000000

500000

0

Recruitment

2000000

1500000

1000000

500000

0

1970

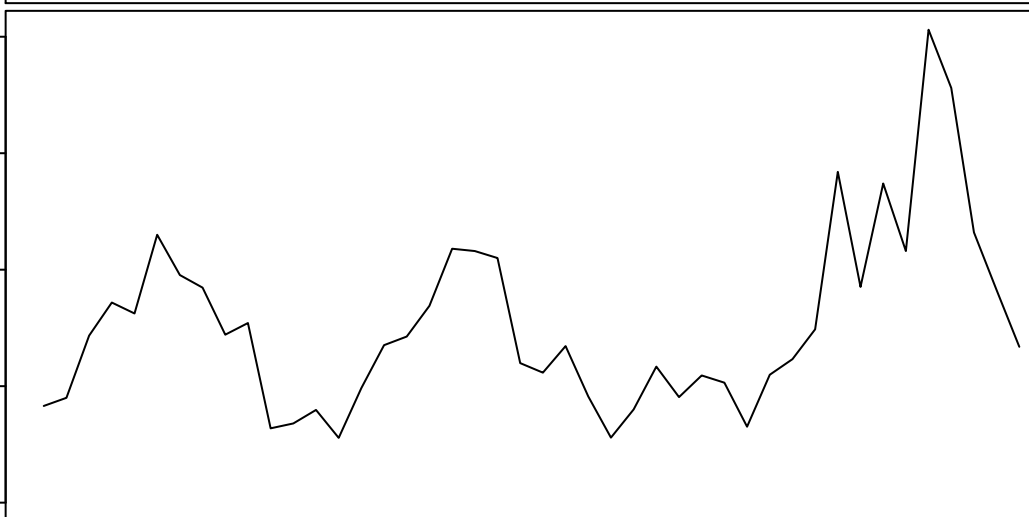
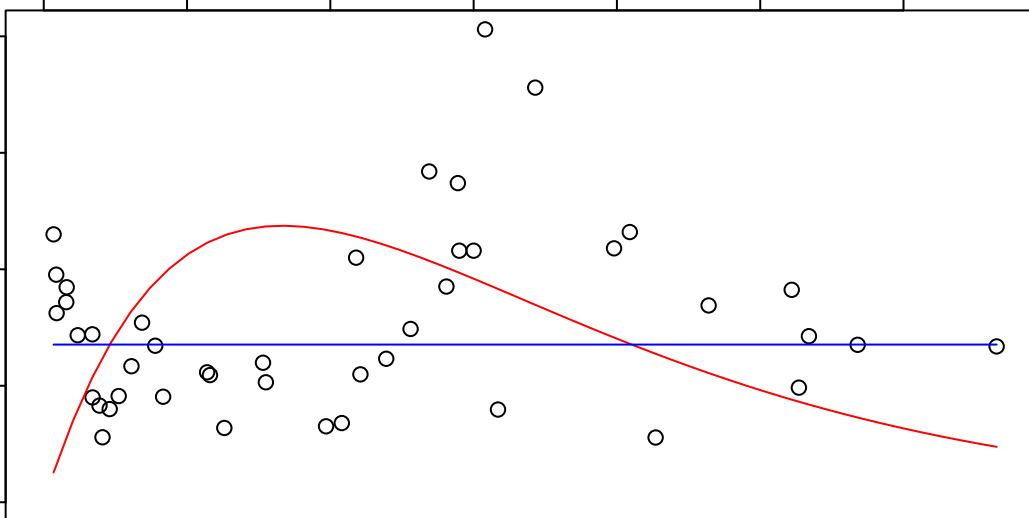
1980

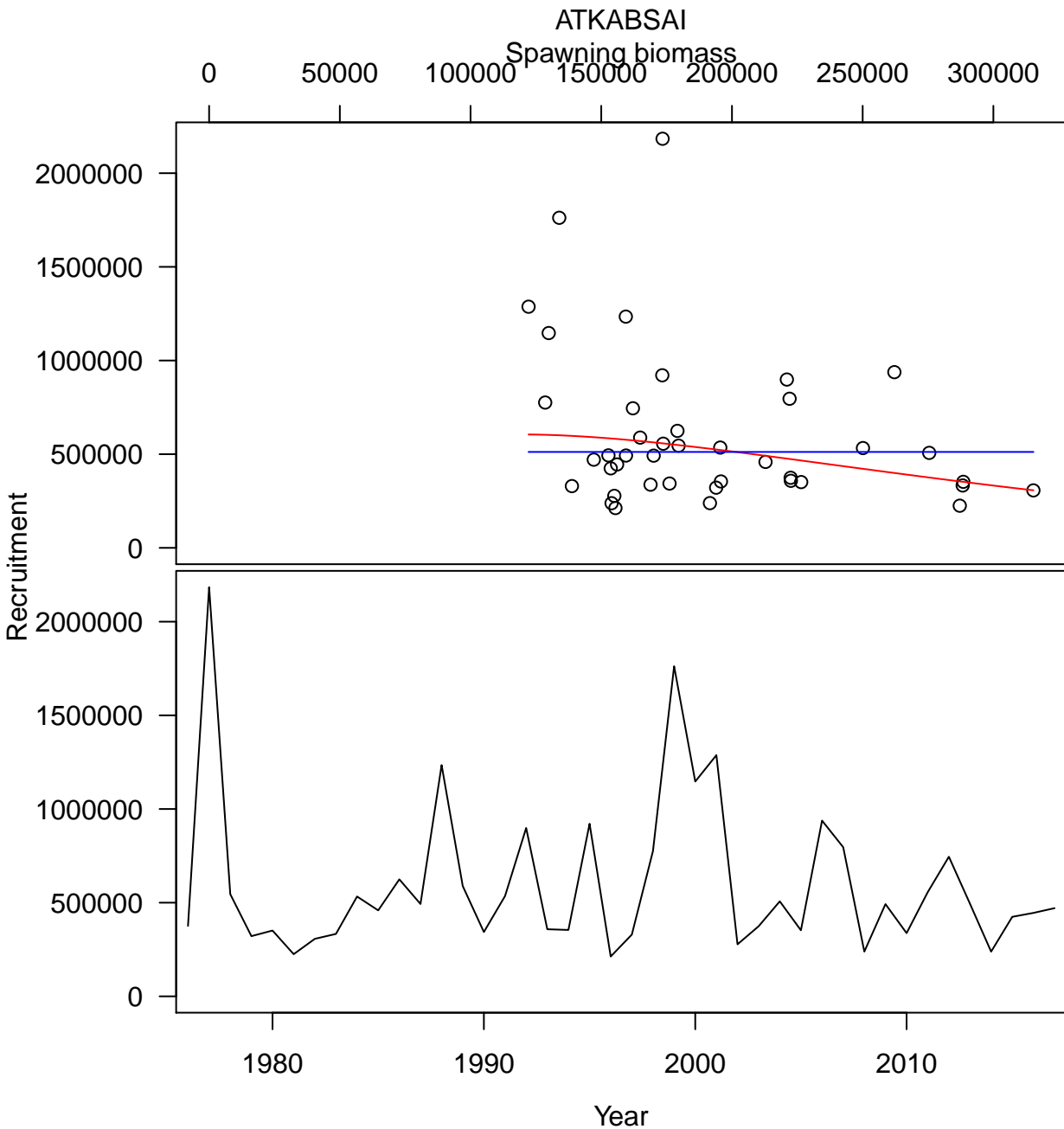
1990

2000

2010

Year





ATLCROAKMATLC

Spawning biomass

0e+00

2e+04

4e+04

6e+04

8e+04

1e+05

5e+08

4e+08

3e+08

2e+08

1e+08

0e+00

Recruitment

5e+08

4e+08

3e+08

2e+08

1e+08

0e+00

1975

1980

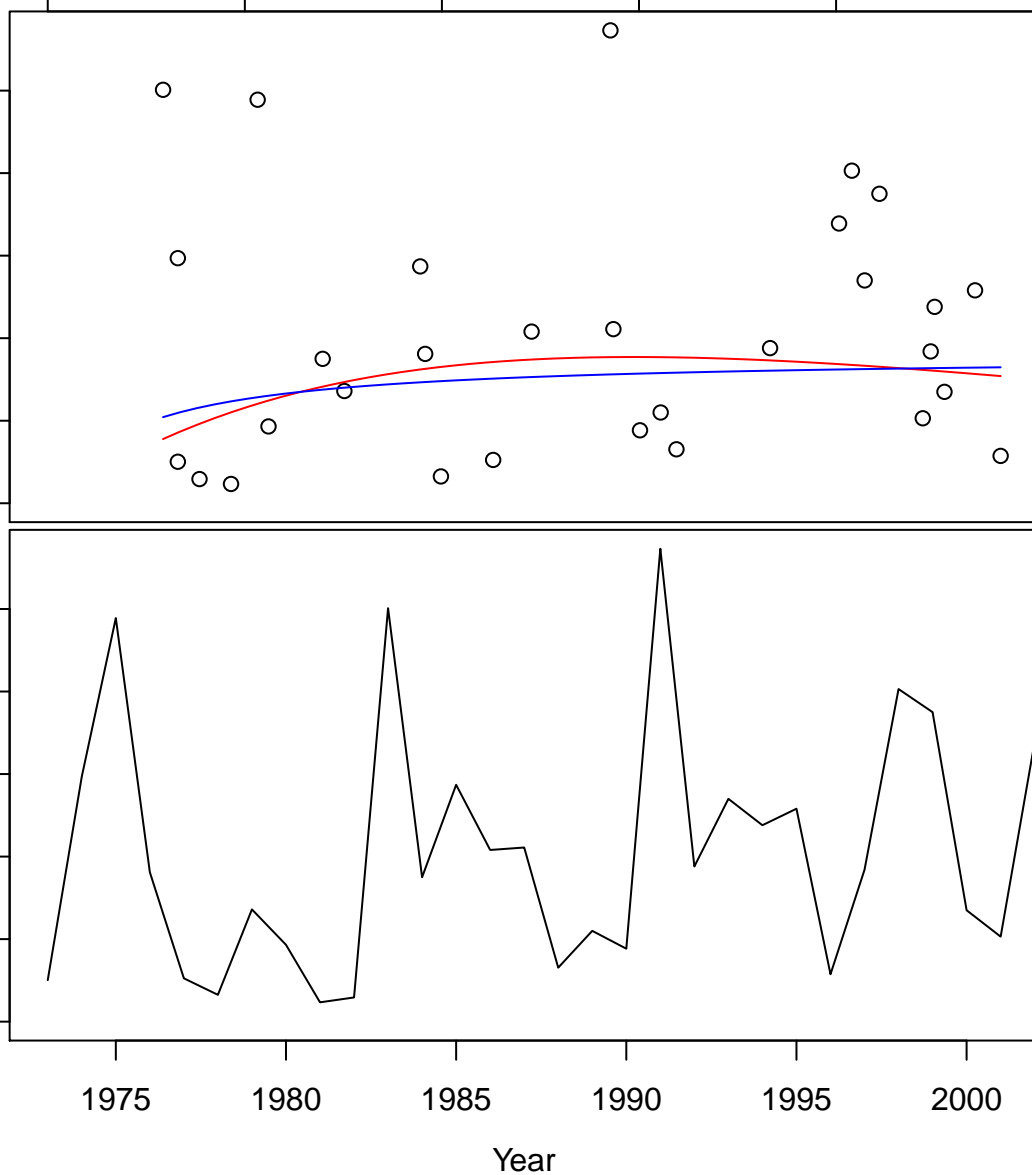
1985

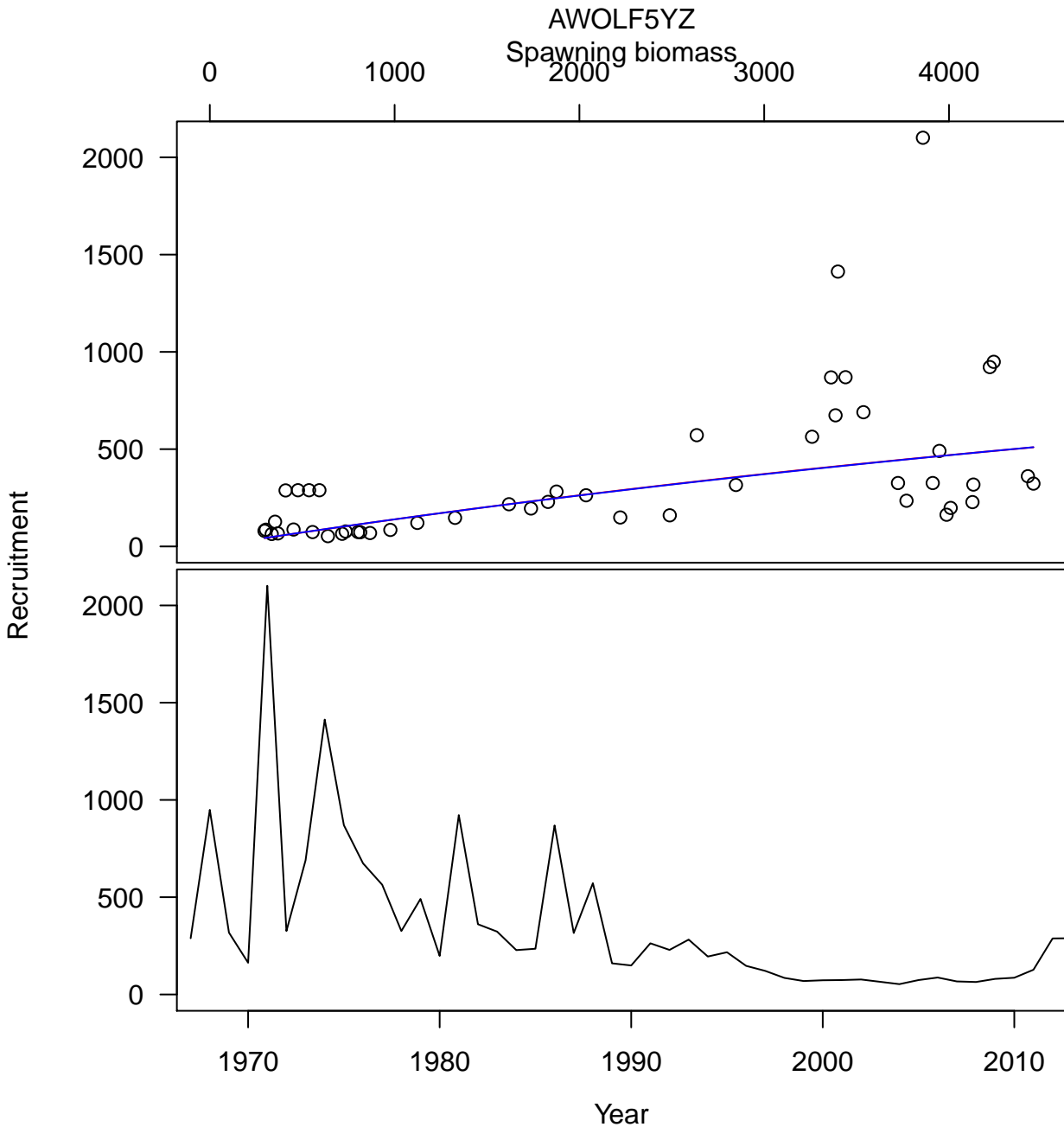
1990

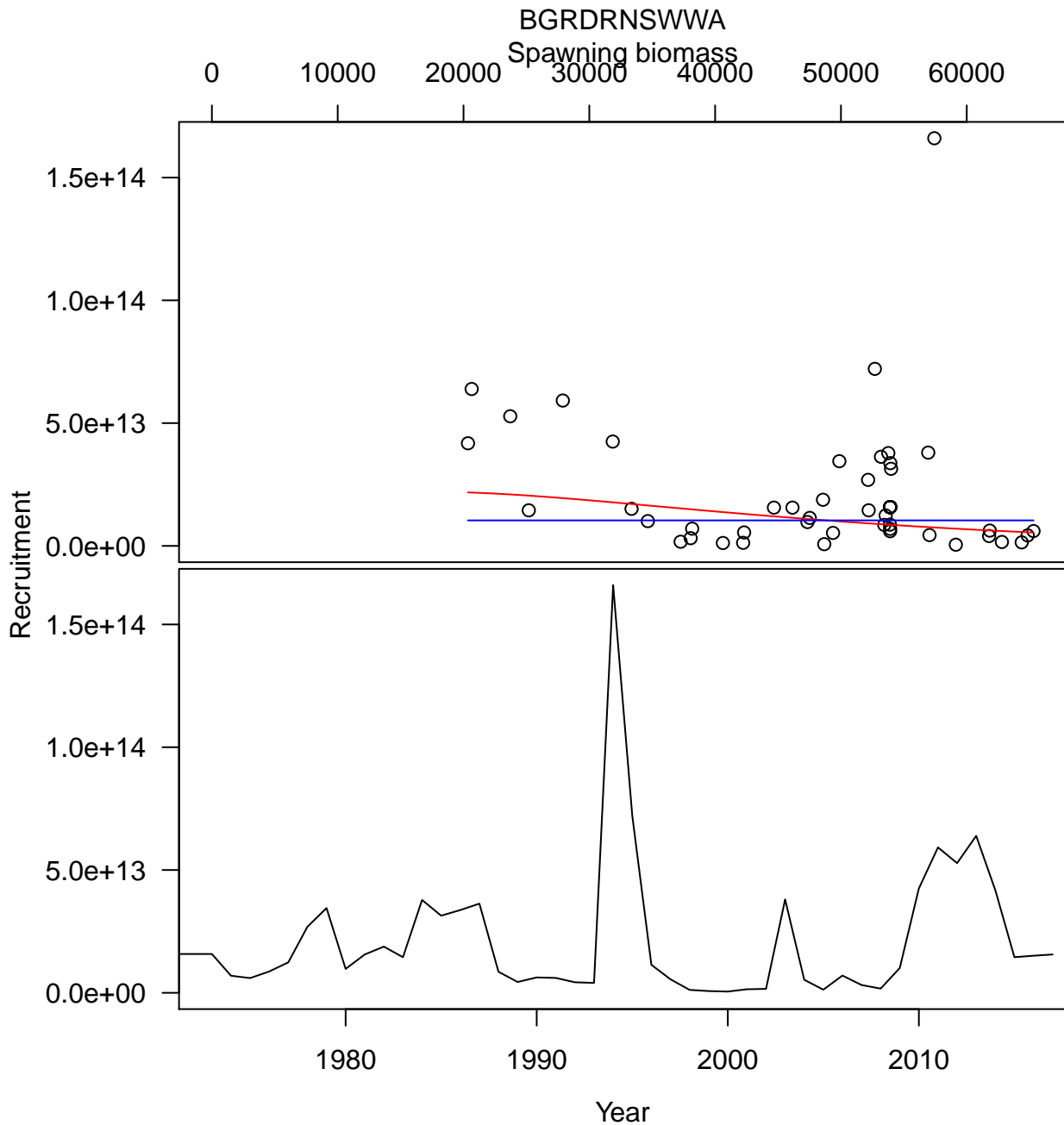
1995

2000

Year



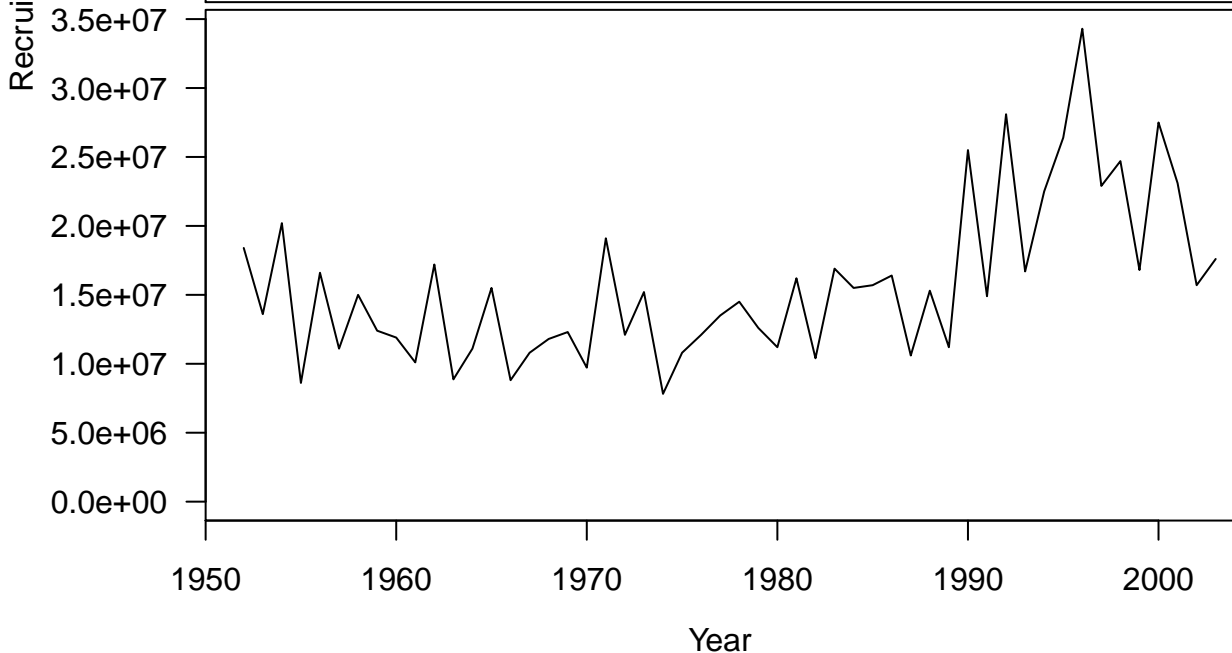
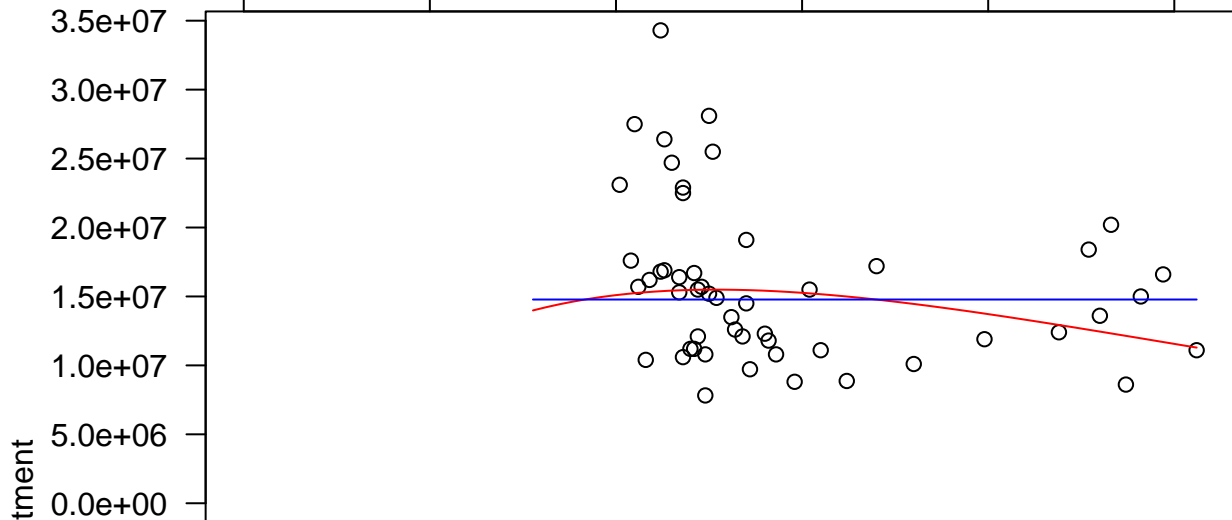




BIGEYECWPAC

Spawning biomass

0 500000 1000000 1500000 2000000 2500000

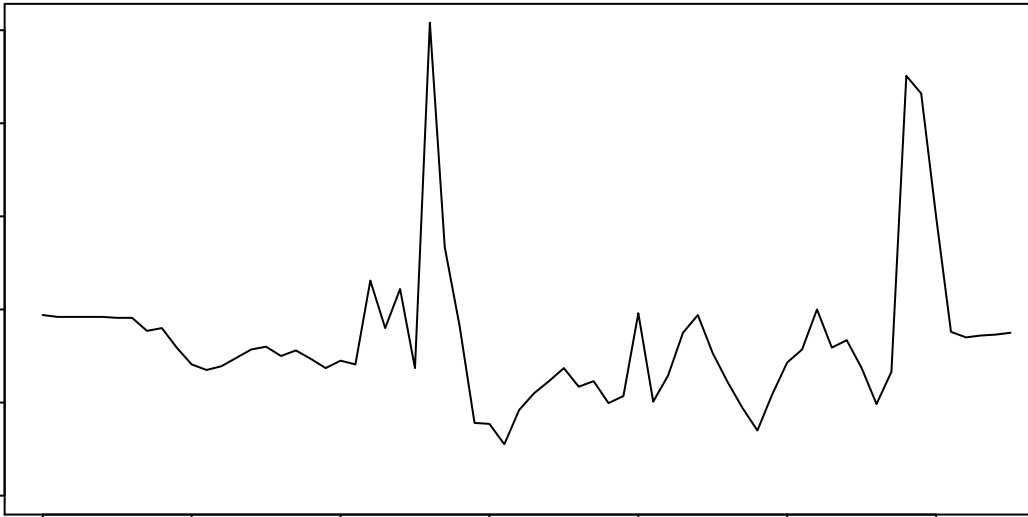
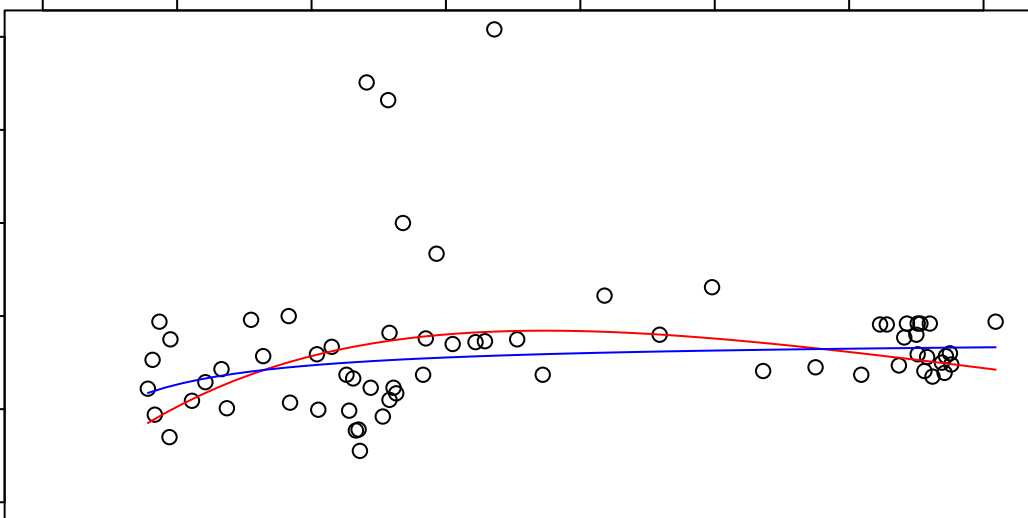


BLACKROCKCAL
Spawning biomass

0 100 200 300 400 500 600 700

Recruitment

5e+06
4e+06
3e+06
2e+06
1e+06
0e+00
5e+06
4e+06
3e+06
2e+06
1e+06
0e+00



1950 1960 1970 1980 1990 2000 2010

Year

BLACKROCKWASH

Spawning biomass

0

200

400

600

800

3500000

3000000

2500000

2000000

1500000

1000000

500000

0

Recruitment

3500000

3000000

2500000

2000000

1500000

1000000

500000

0

1960

1970

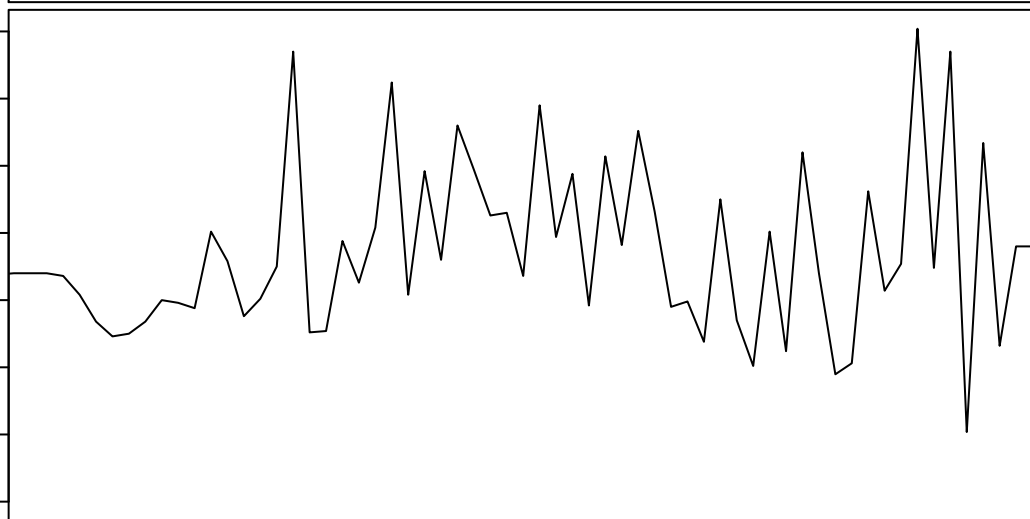
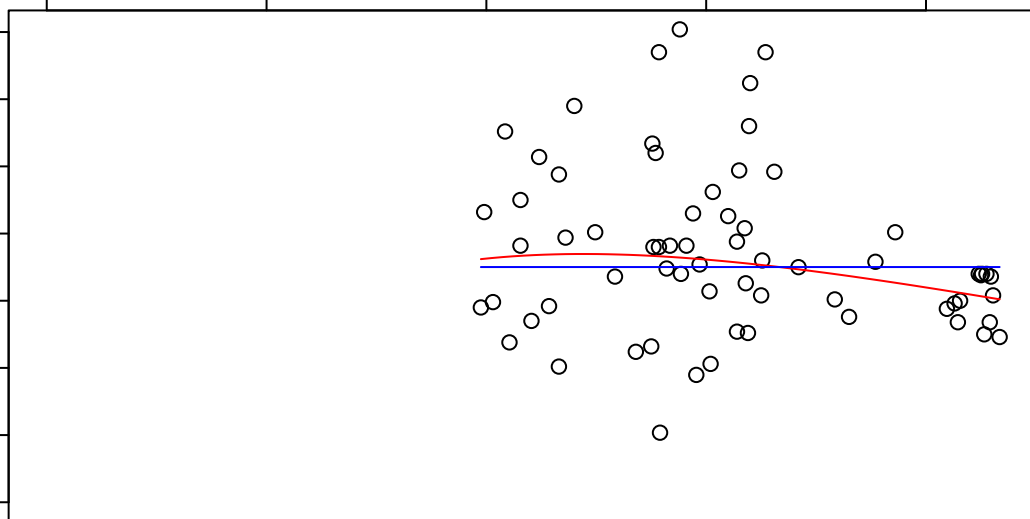
1980

1990

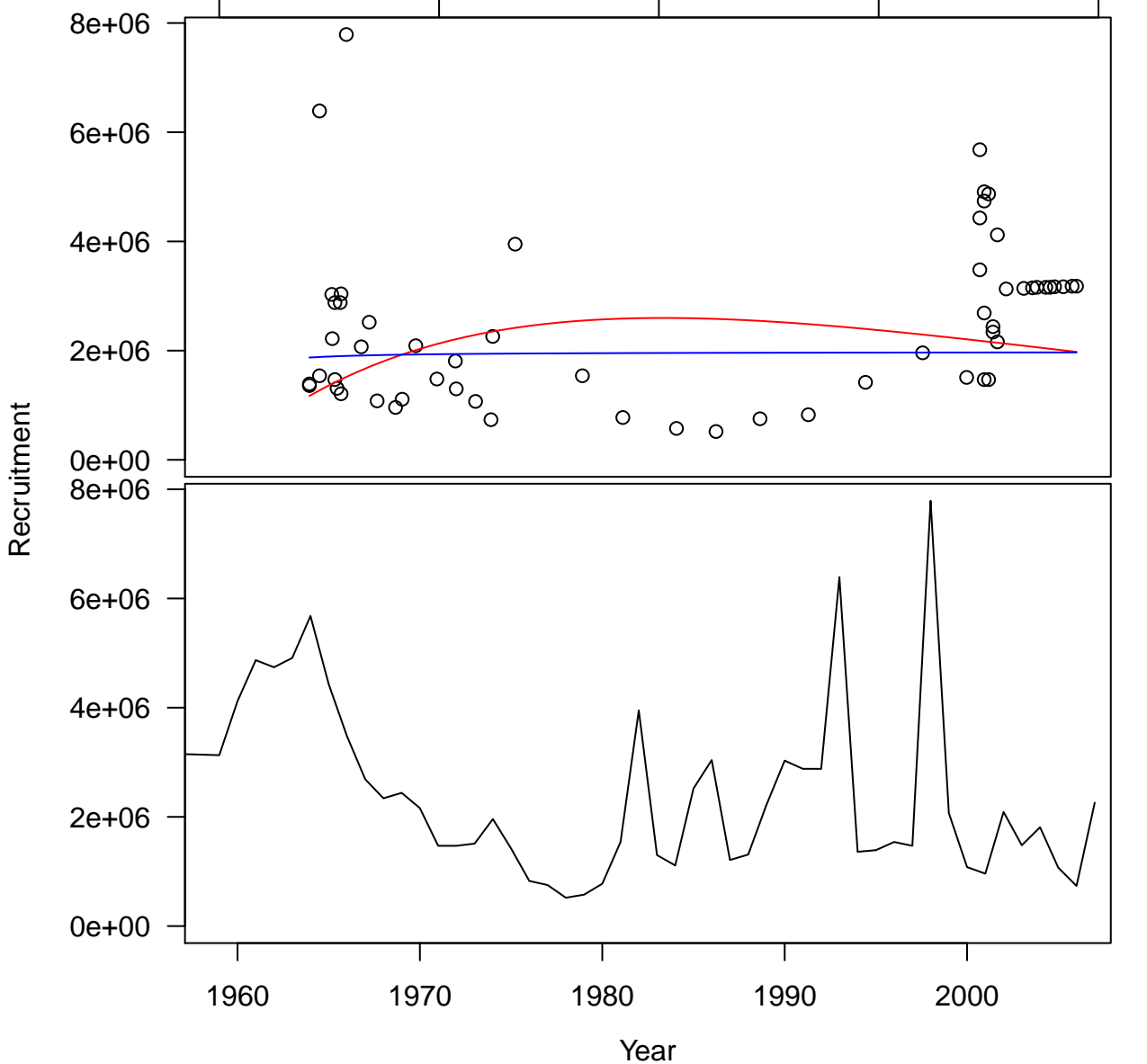
2000

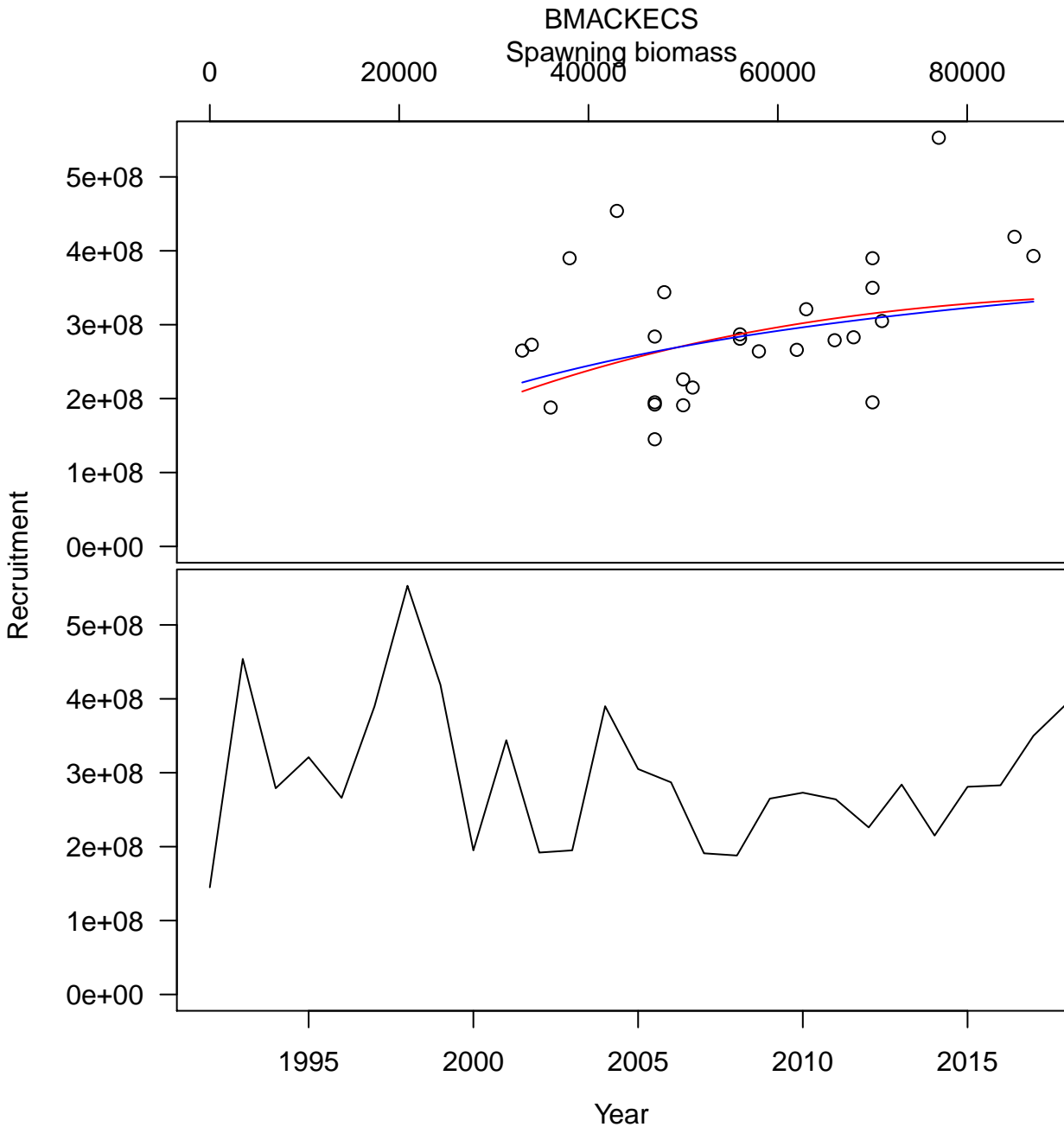
2010

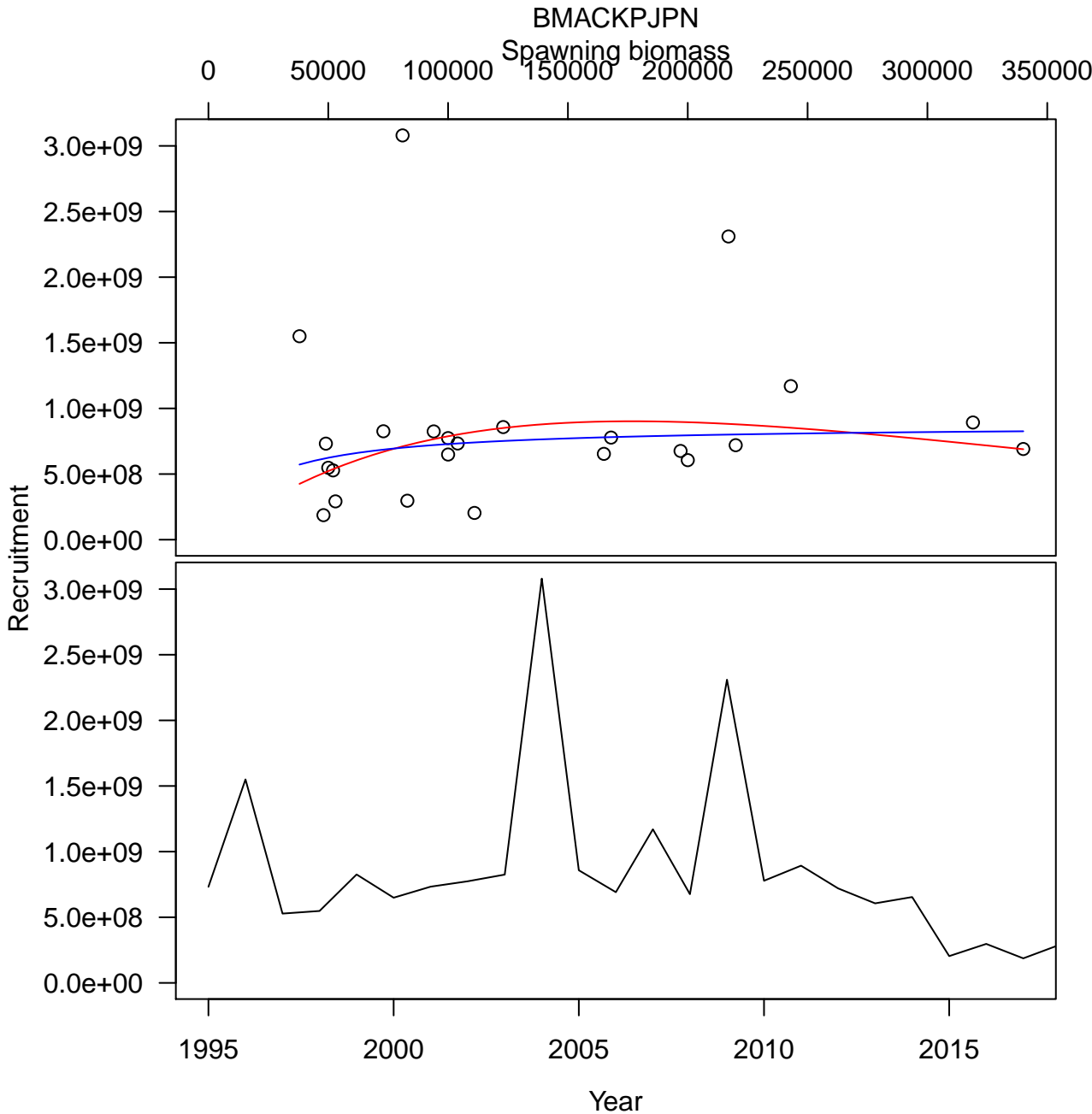
Year



BLUEROCKCAL
Spawning biomass







BOCACCSPCOAST

Spawning biomass

0e+00

2e+09

4e+09

6e+09

8e+09

1e+10

Recruitment

5e+07

4e+07

3e+07

2e+07

1e+07

0e+00

5e+07

4e+07

3e+07

2e+07

1e+07

0e+00

Year

1960

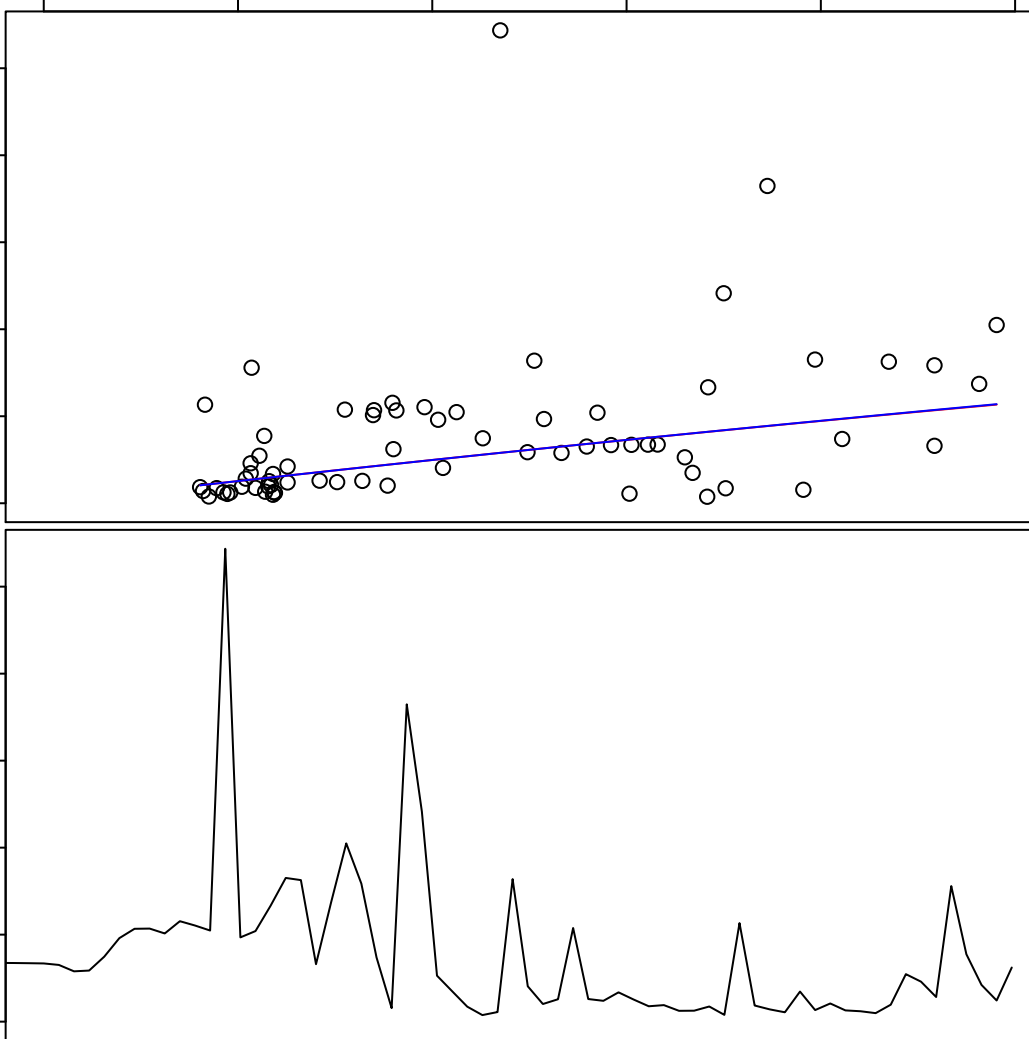
1970

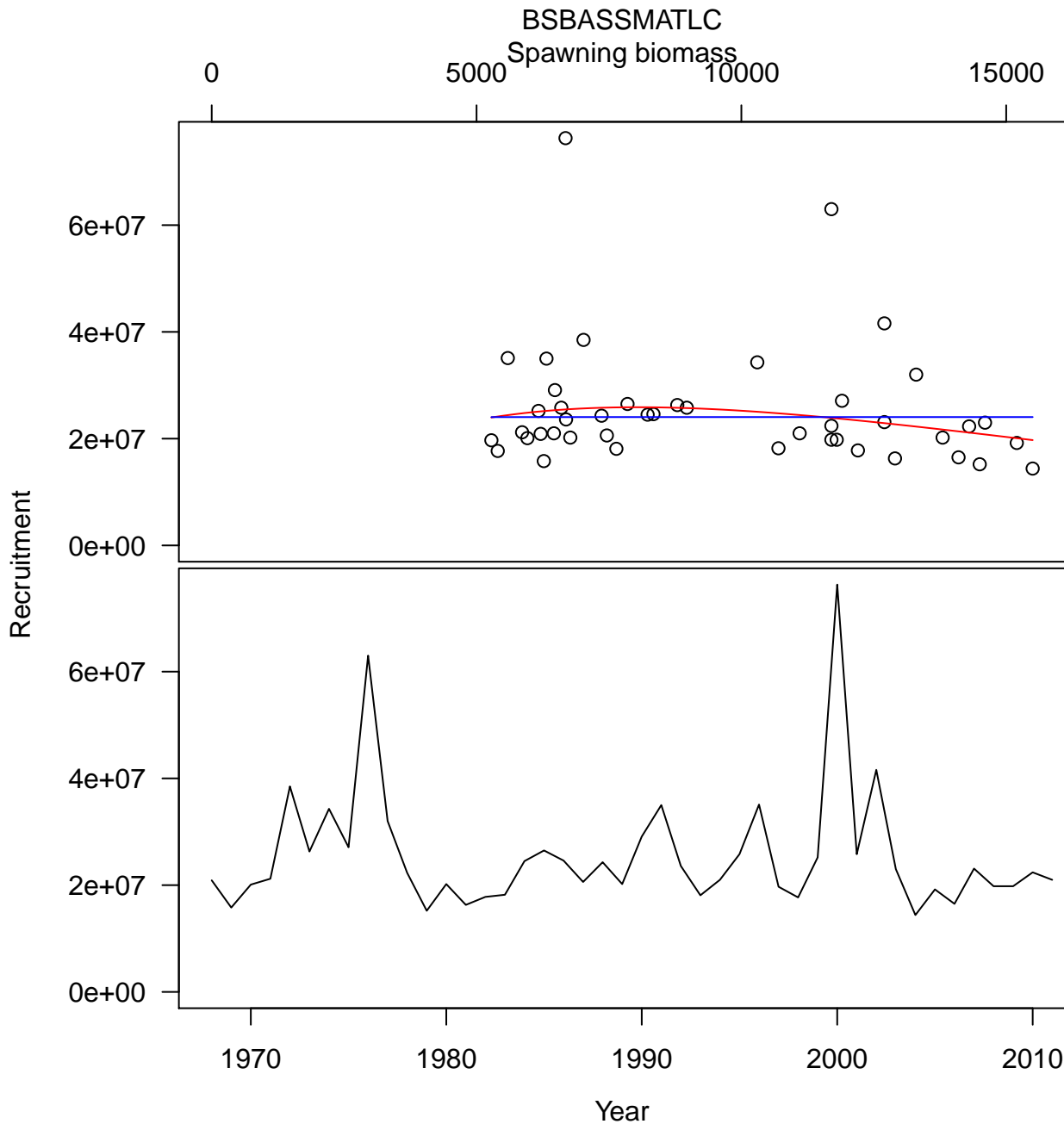
1980

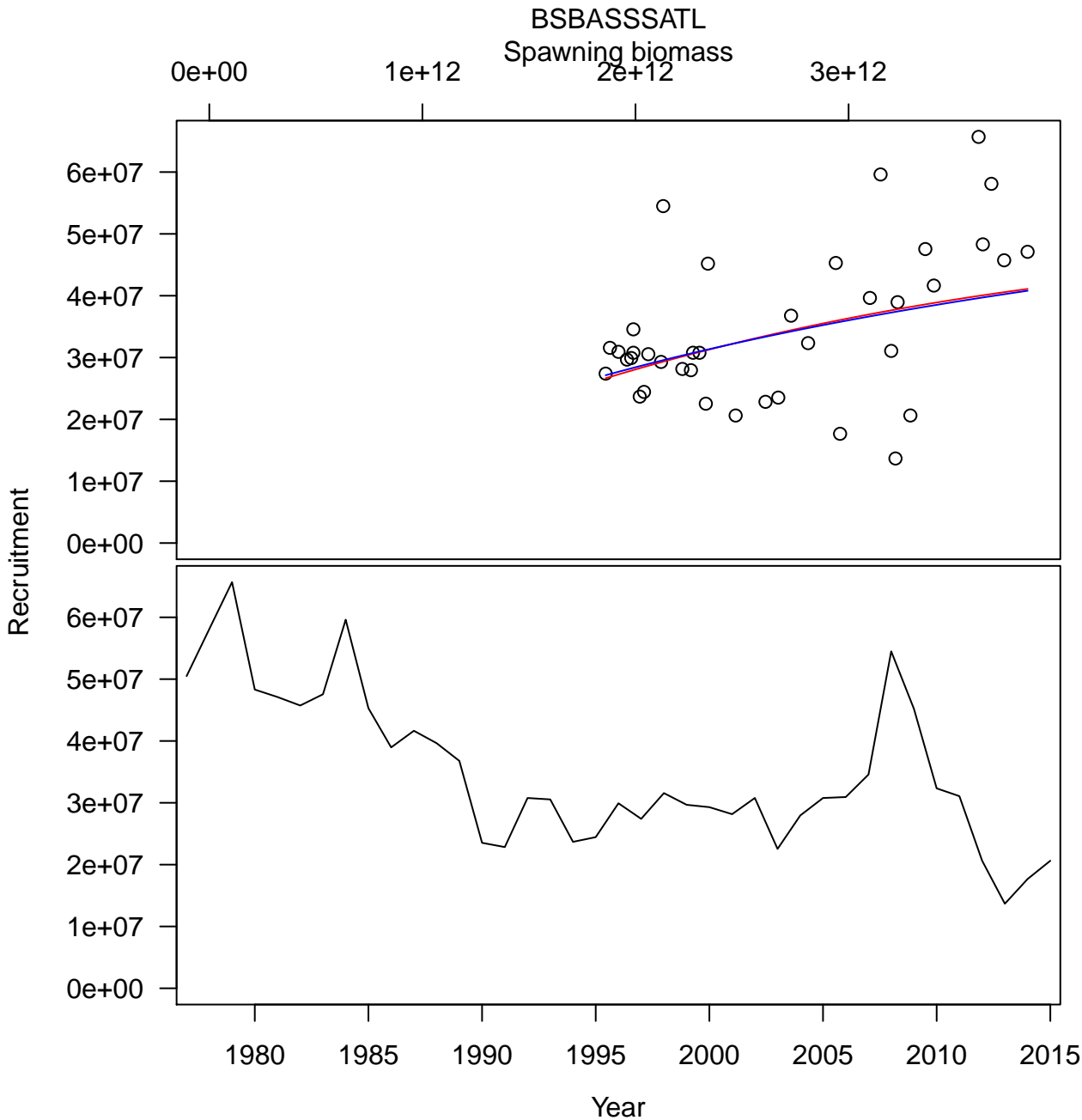
1990

2000

2010







BSQLOBSTERCSCH

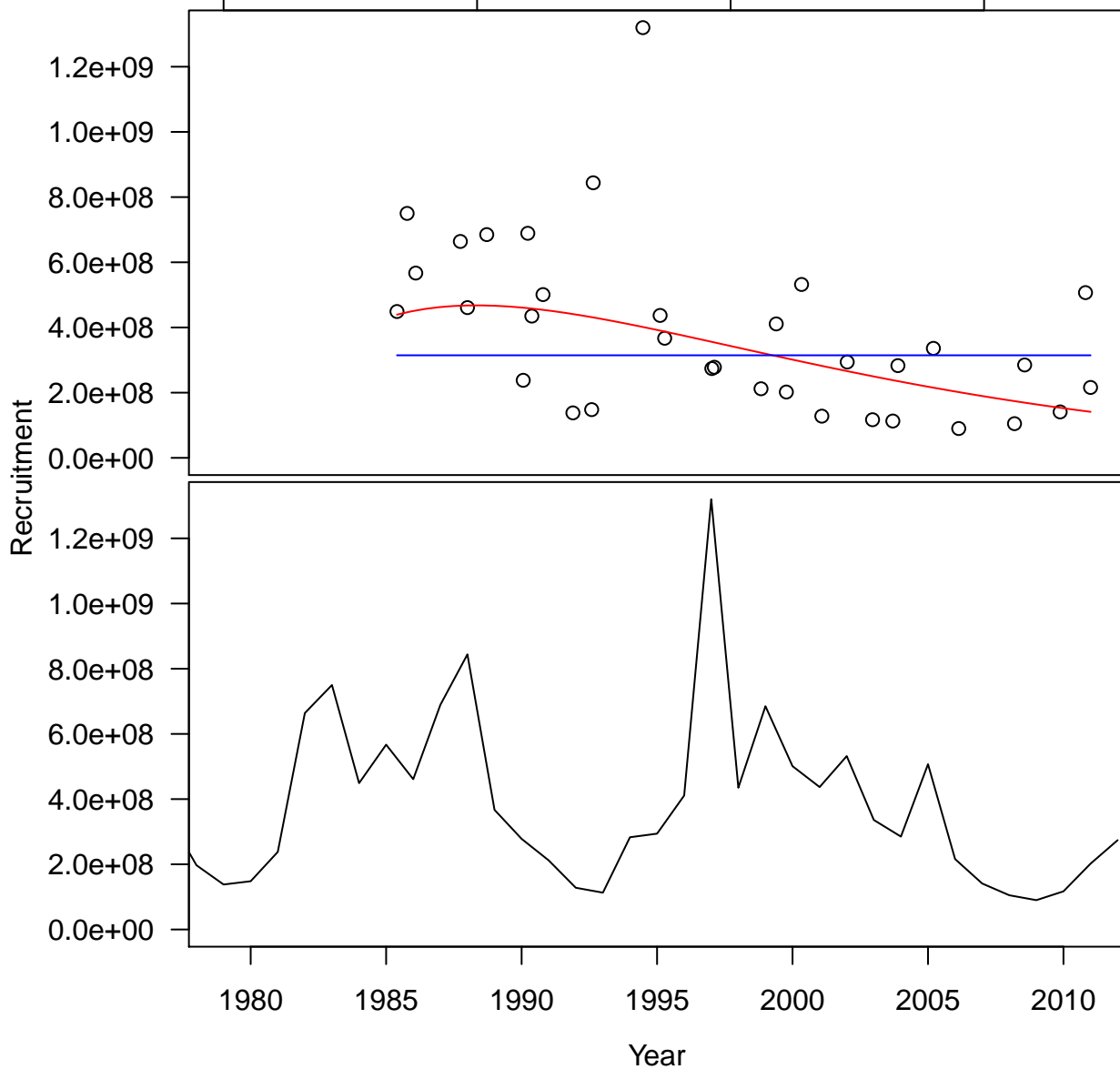
Spawning biomass

0

5000

10000

15000



BSQLOBSTERNCH

Spawning biomass

0

1000

2000

3000

4000

$3e+08$

$2e+08$

$1e+08$

$0e+00$

Recruitment

$3e+08$

$2e+08$

$1e+08$

$0e+00$

1985

1990

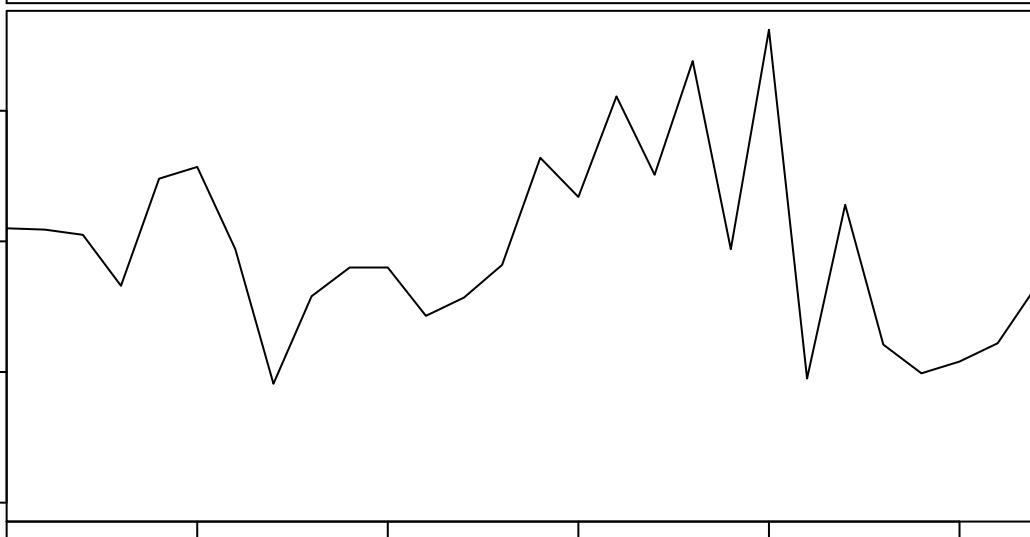
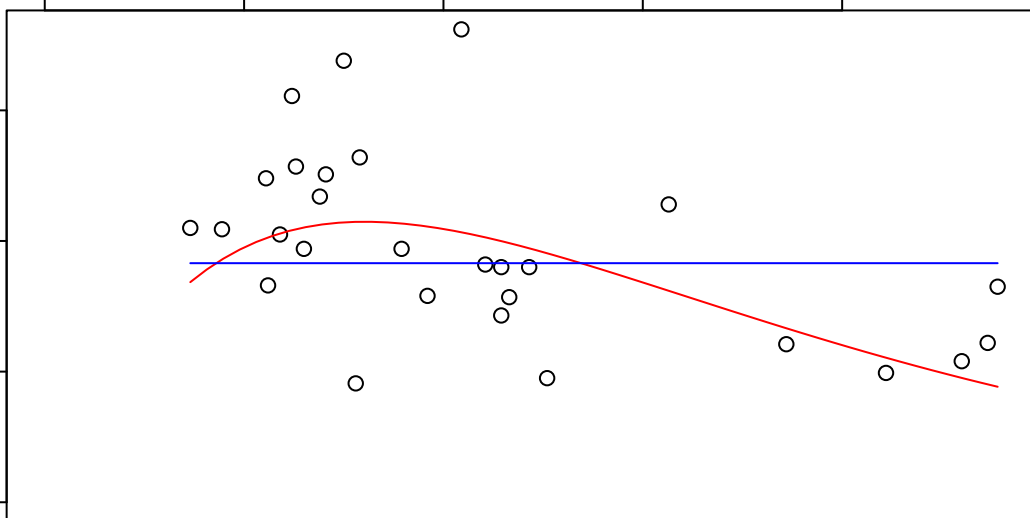
1995

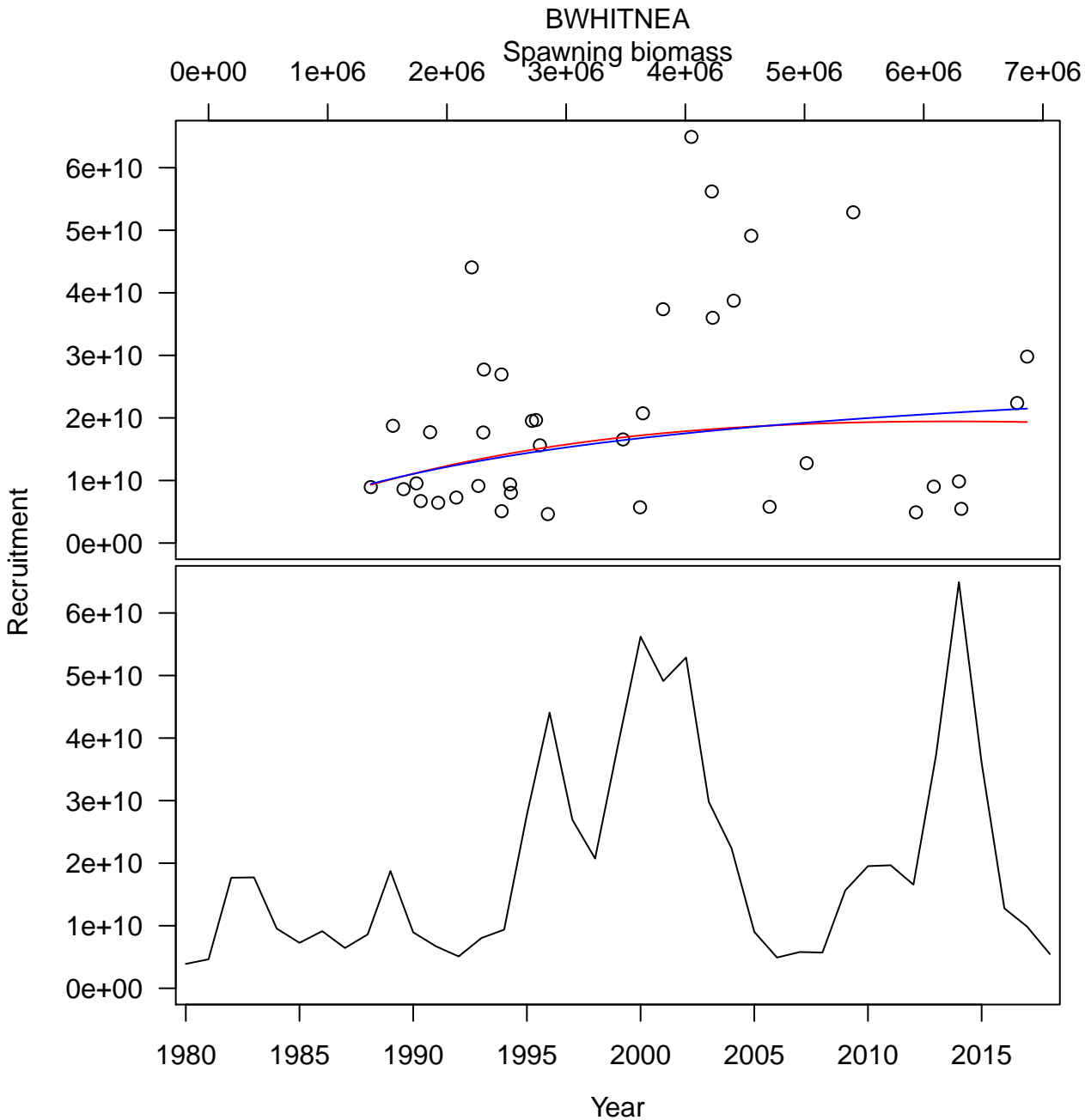
2000

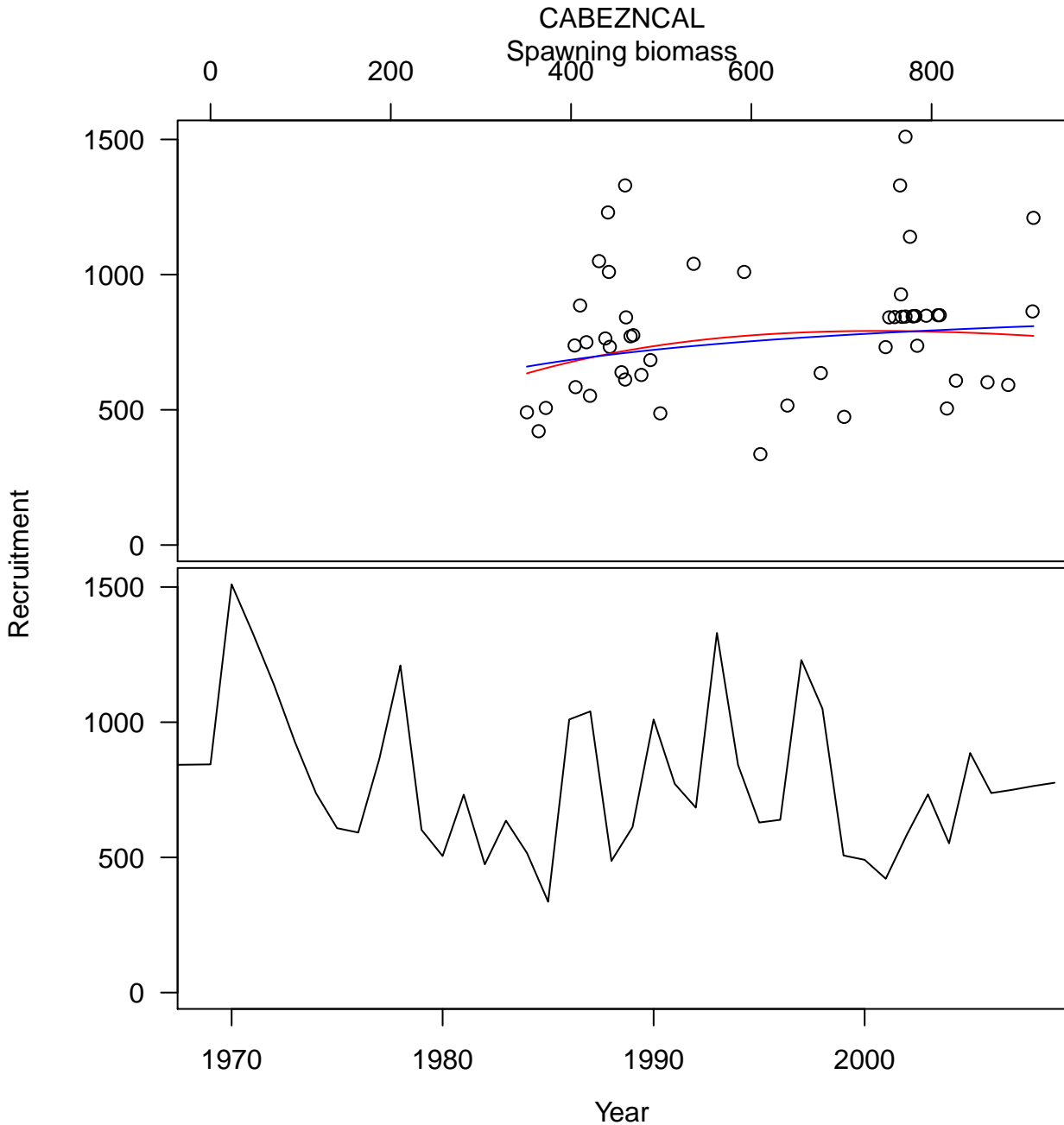
2005

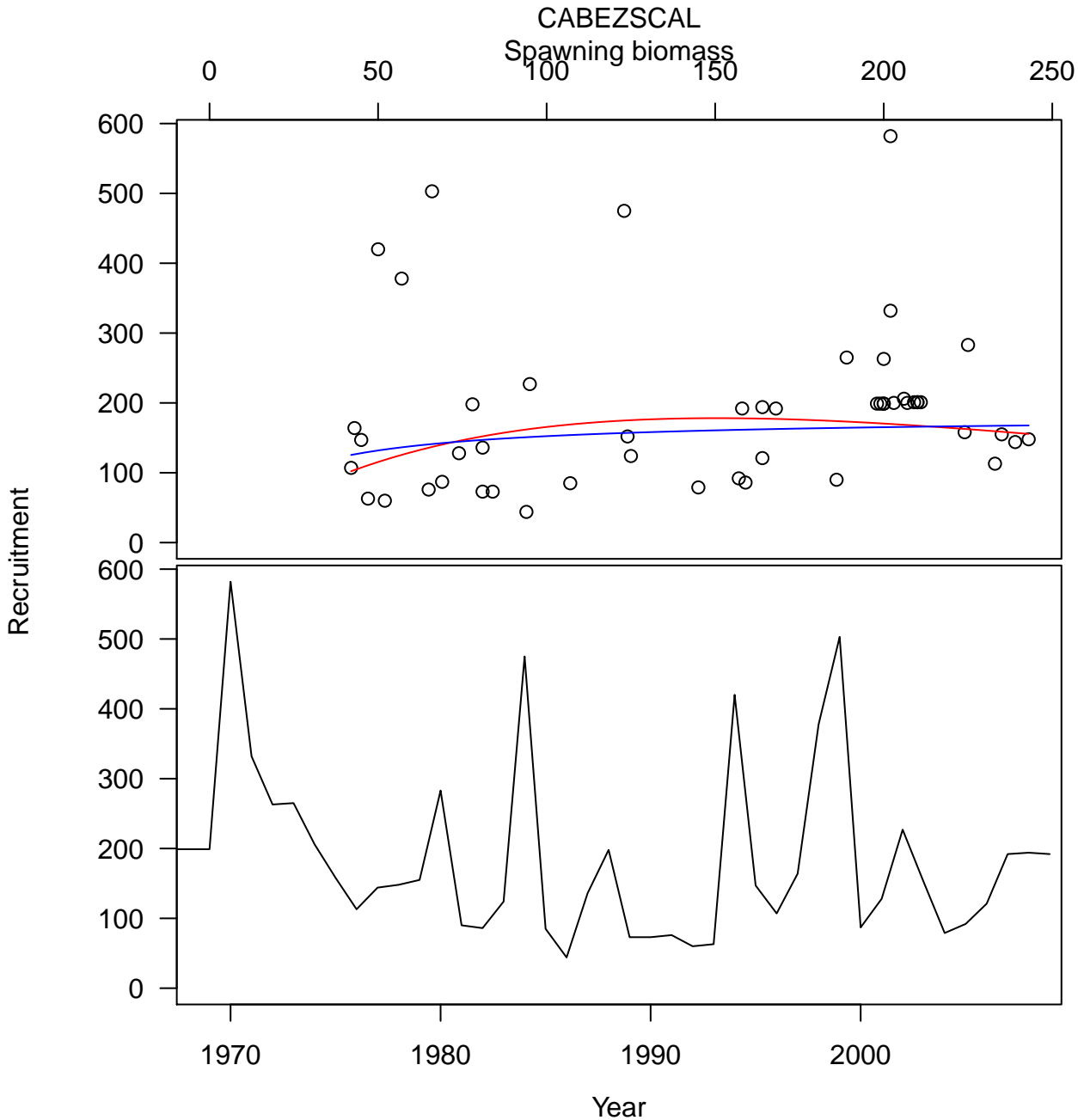
2010

Year









CALSCORPSCAL

Spawning biomass

0

500

1000

1500

1e+07

8e+06

6e+06

4e+06

2e+06

0e+00

Recruitment

1e+07

8e+06

6e+06

4e+06

2e+06

0e+00

1970

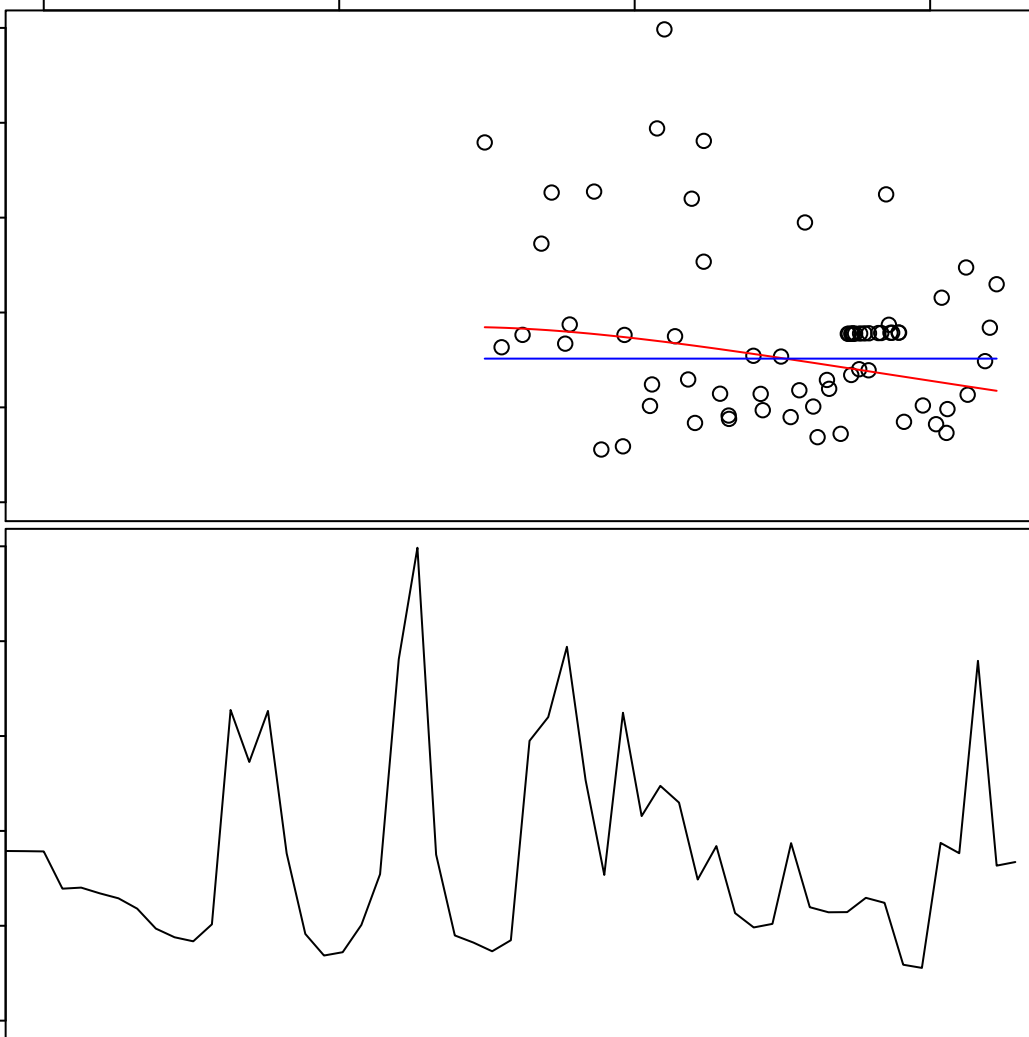
1980

1990

2000

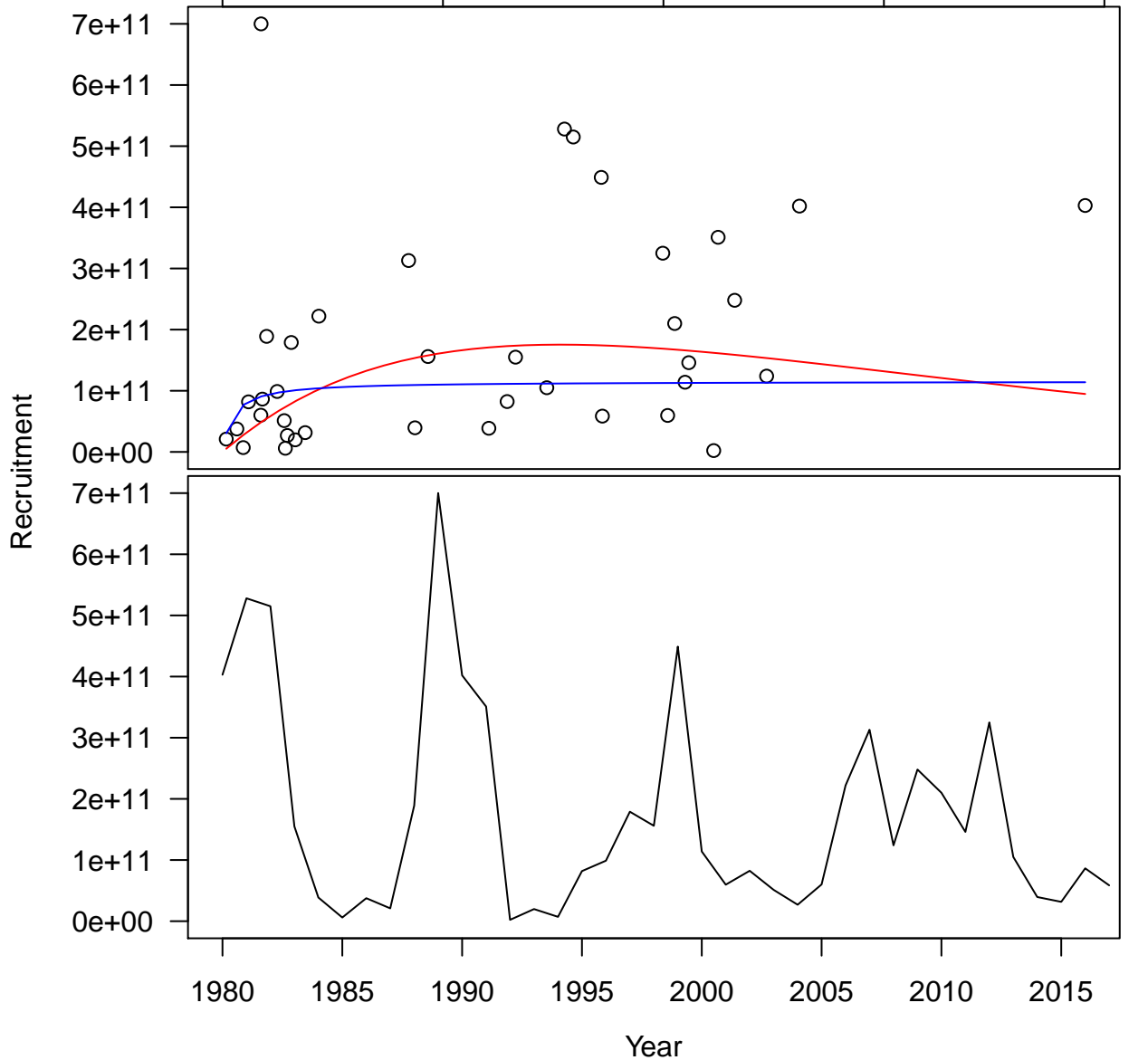
2010

Year



CAPENOR

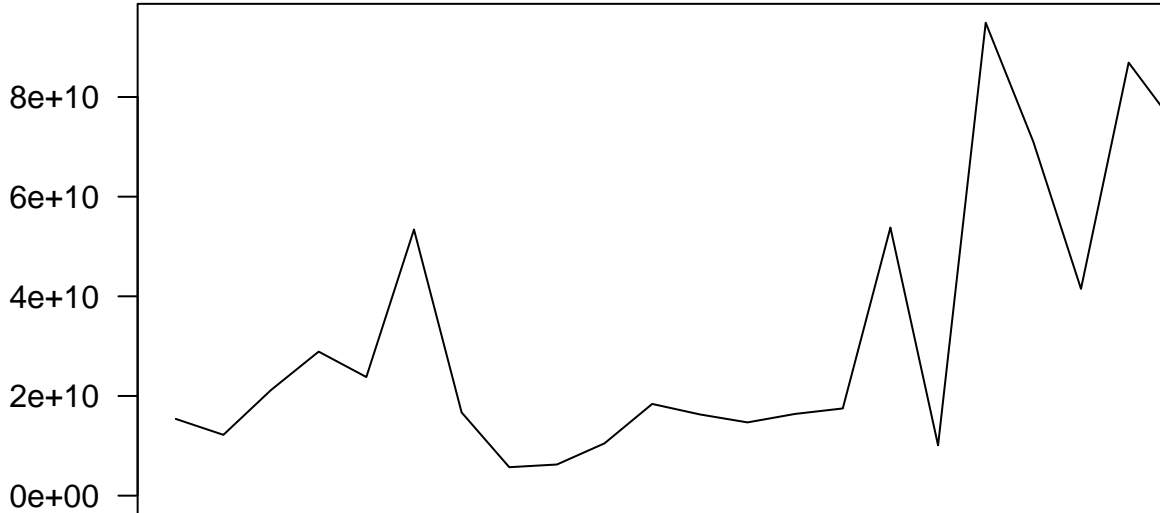
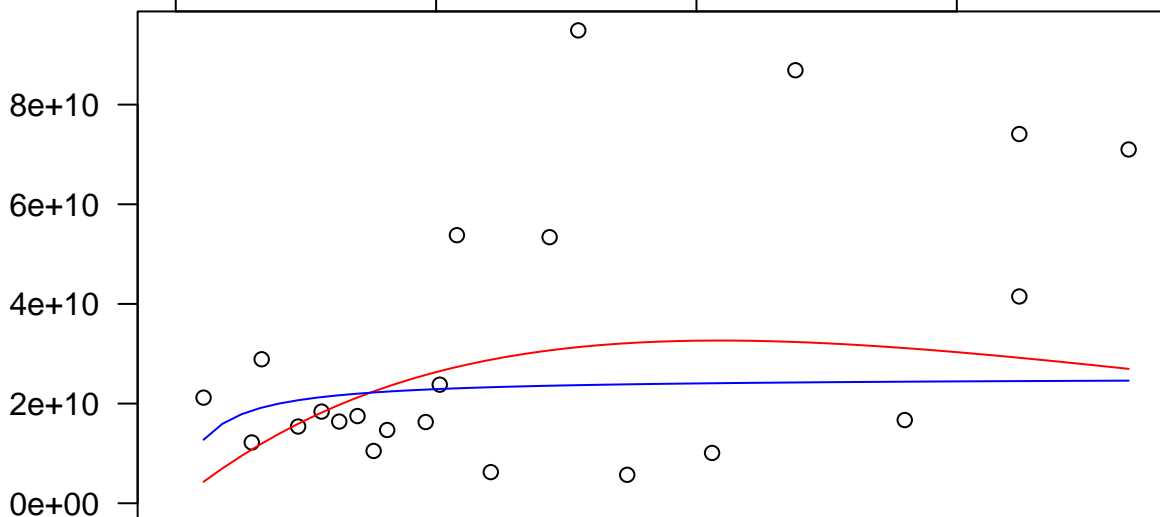
Spawning biomass



CHERRCHVX
Spawning biomass

0 500000 1000000 1500000

Recruitment

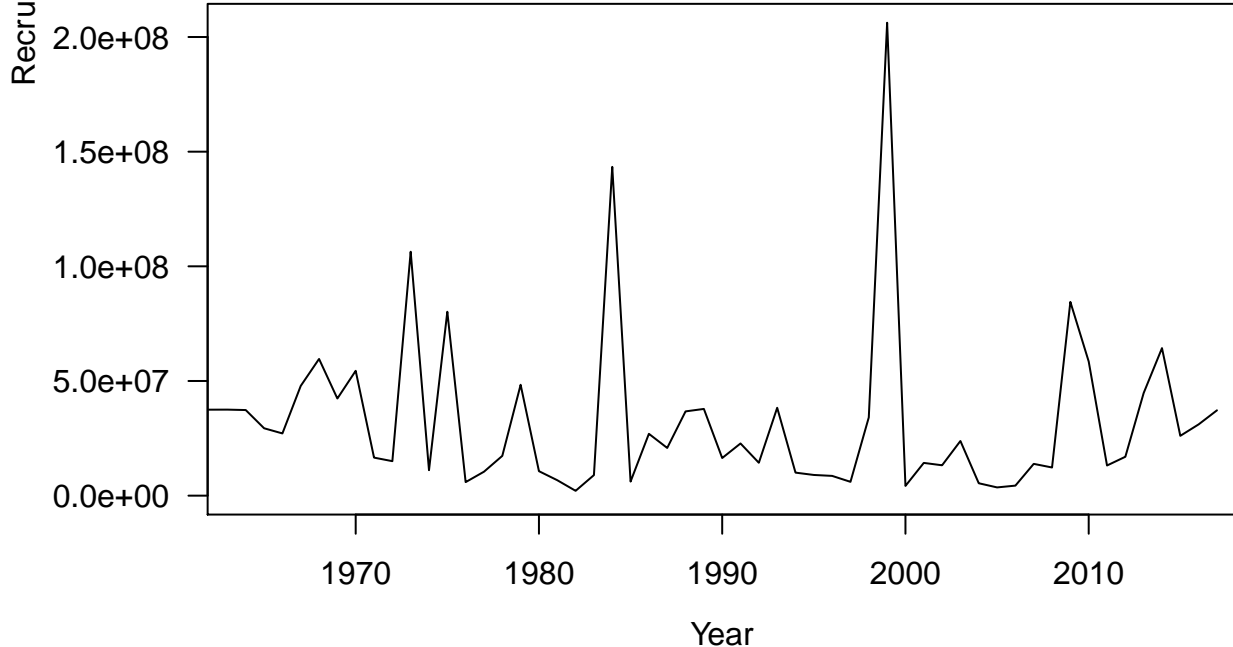
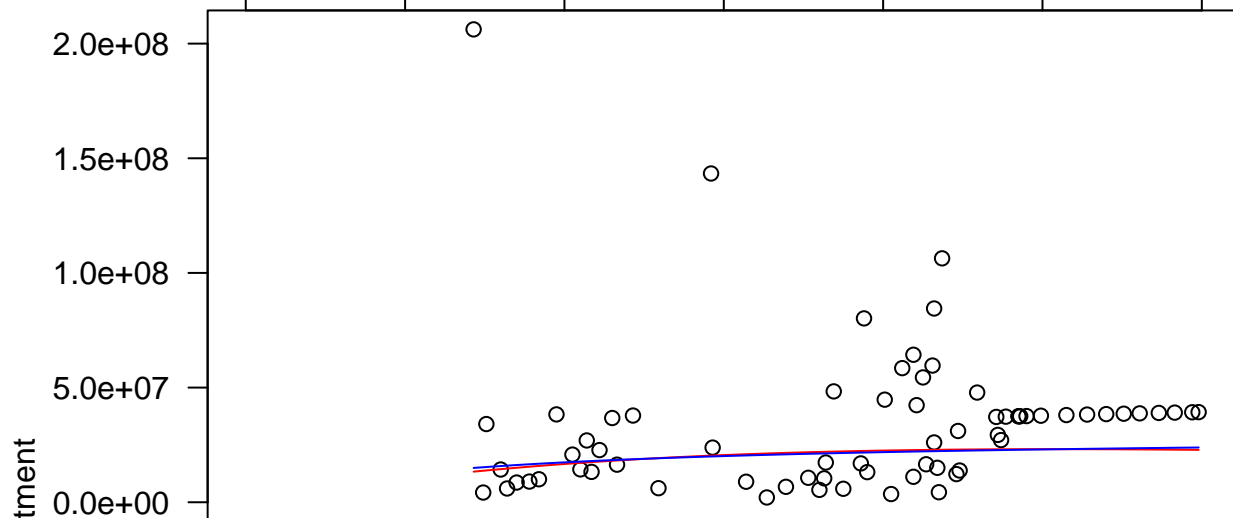


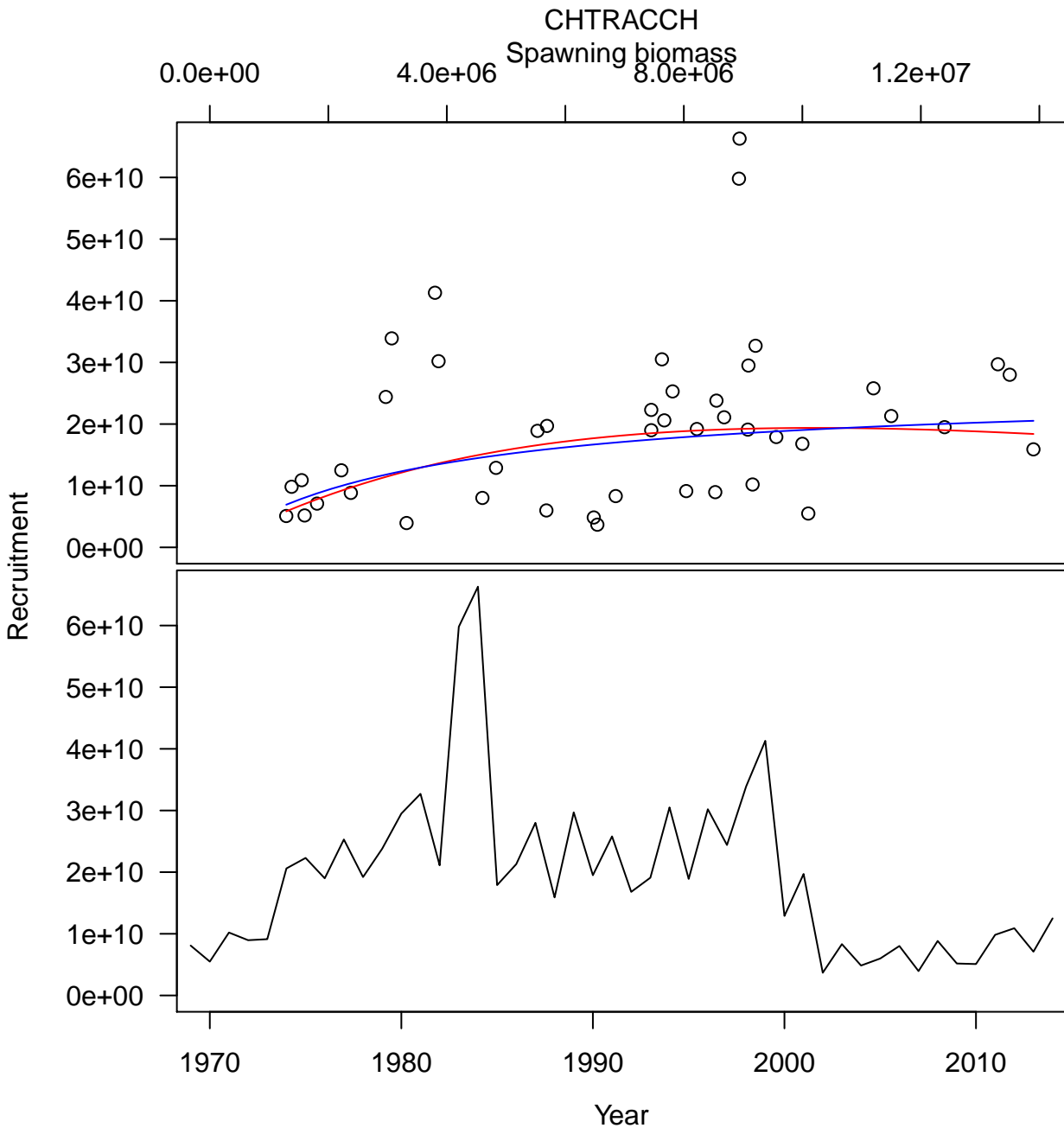
Year

CHILISPCOAST

Spawning biomass

0e+00 1e+09 2e+09 3e+09 4e+09 5e+09 6e+09

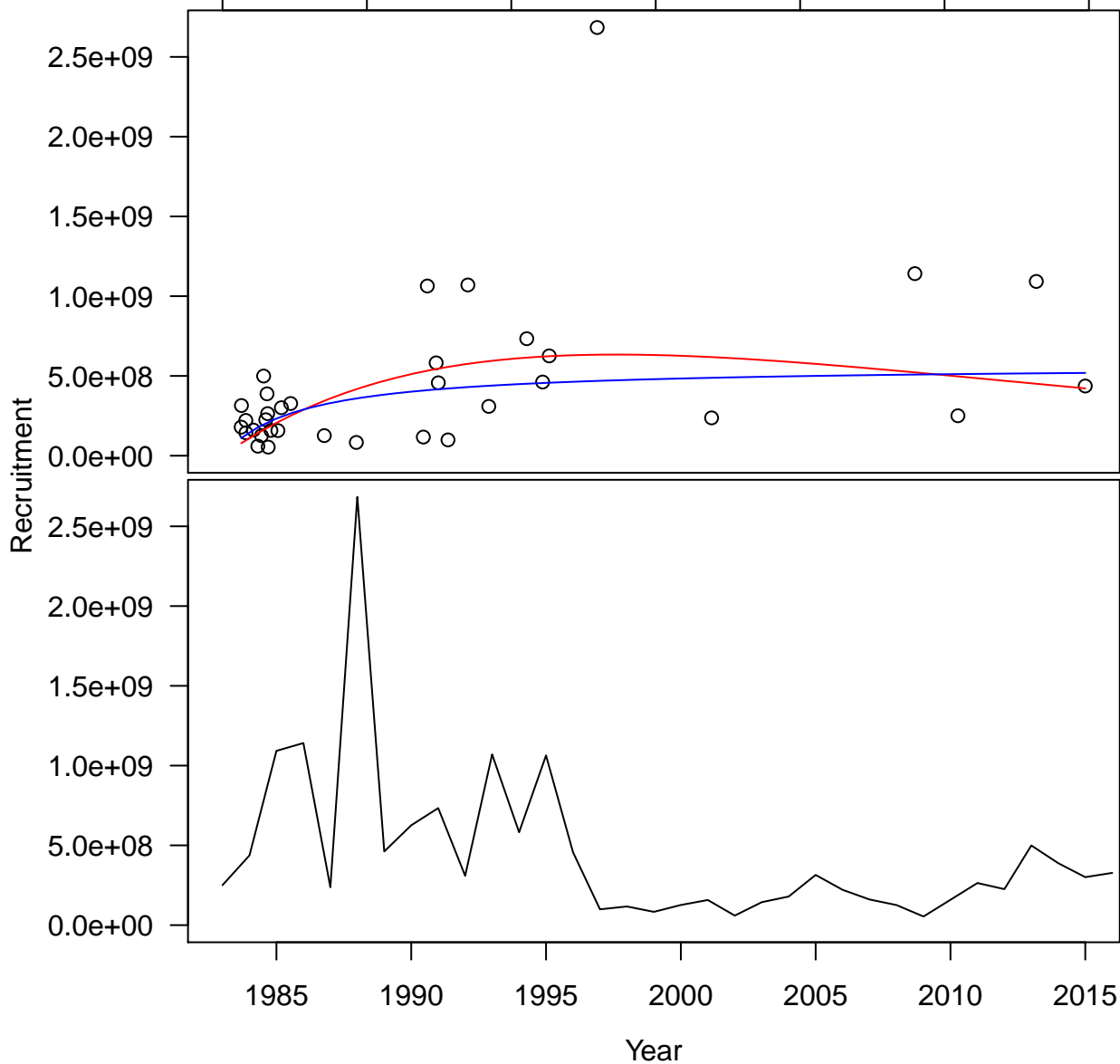


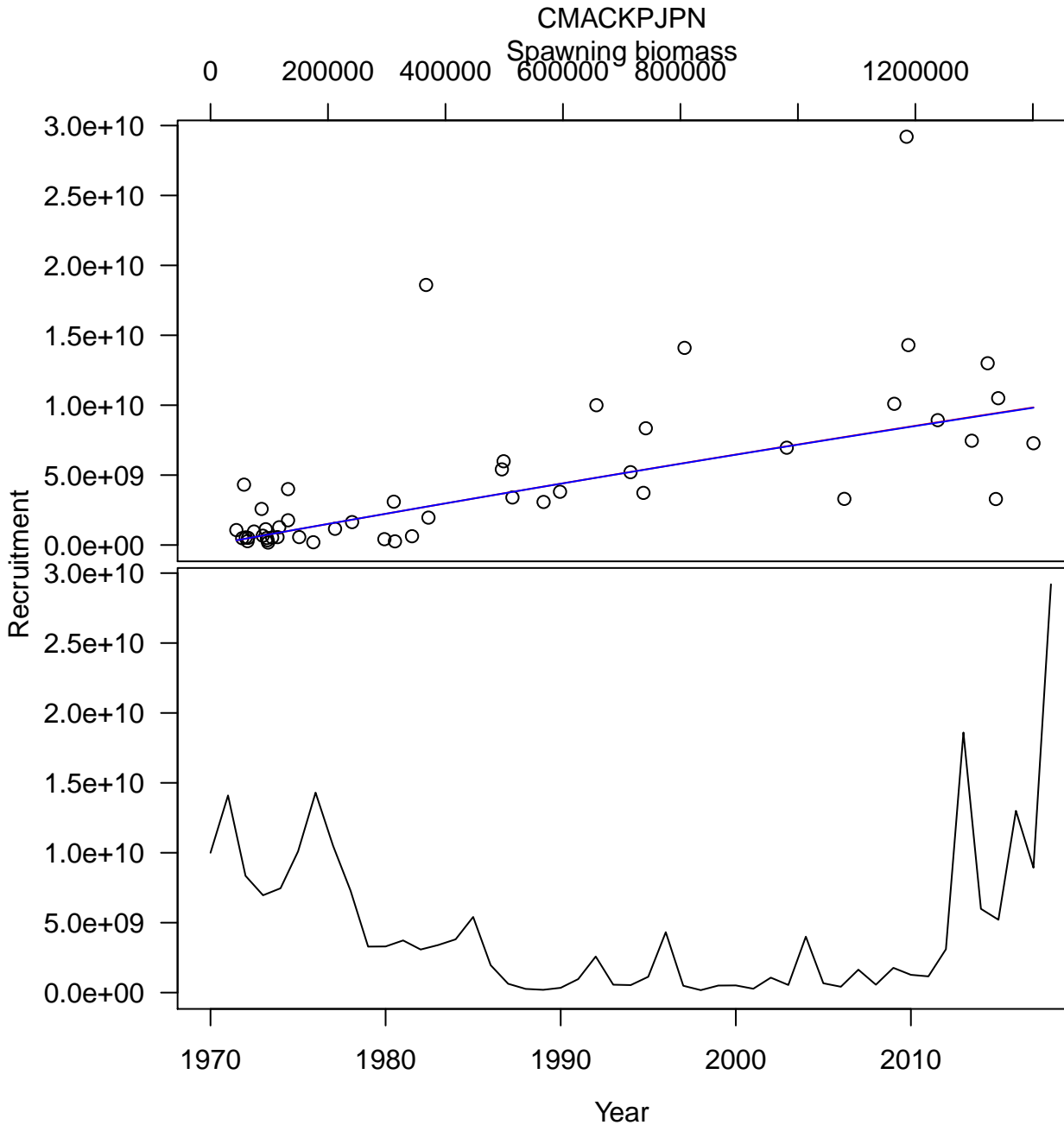


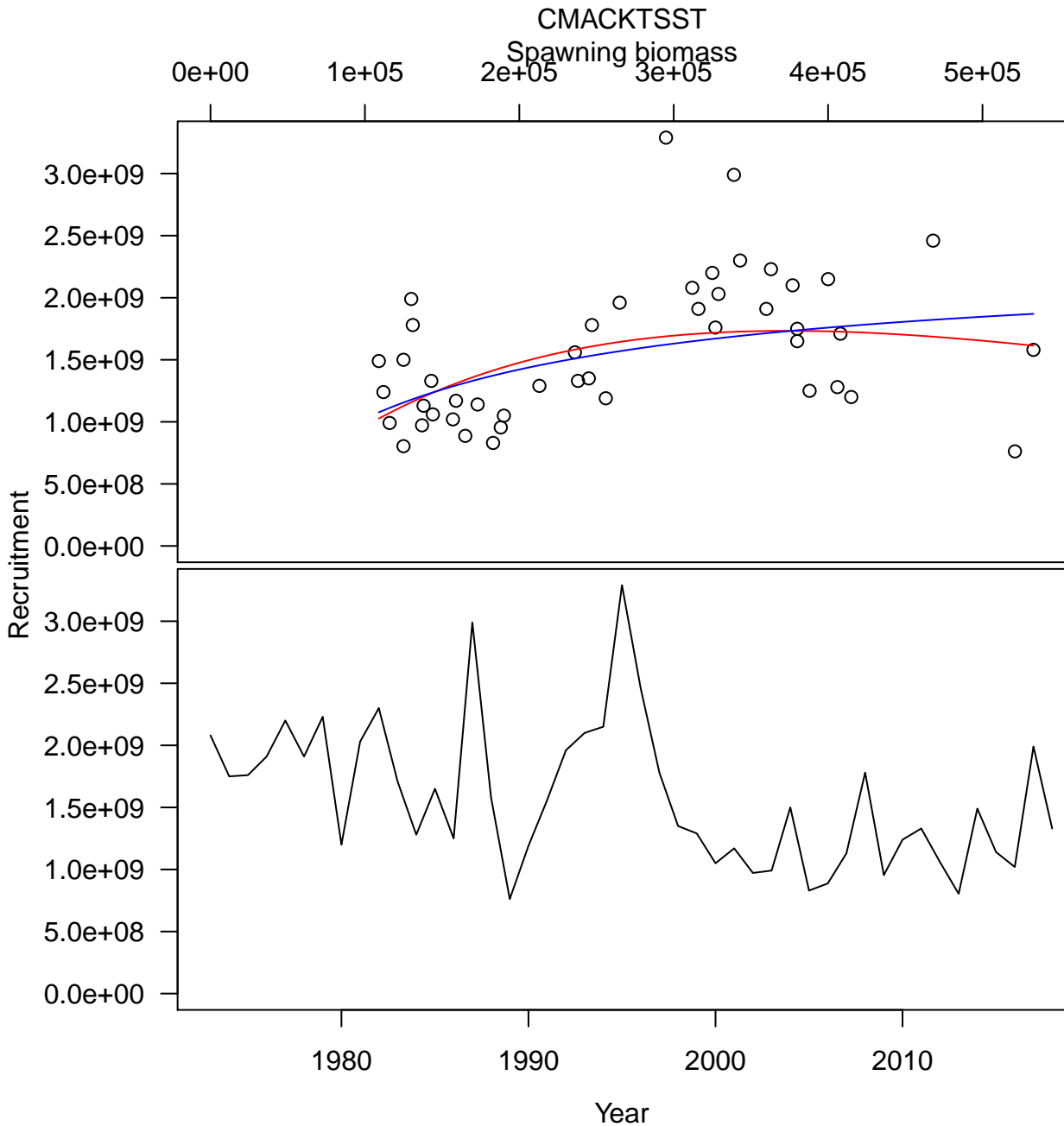
CMACKPCOAST

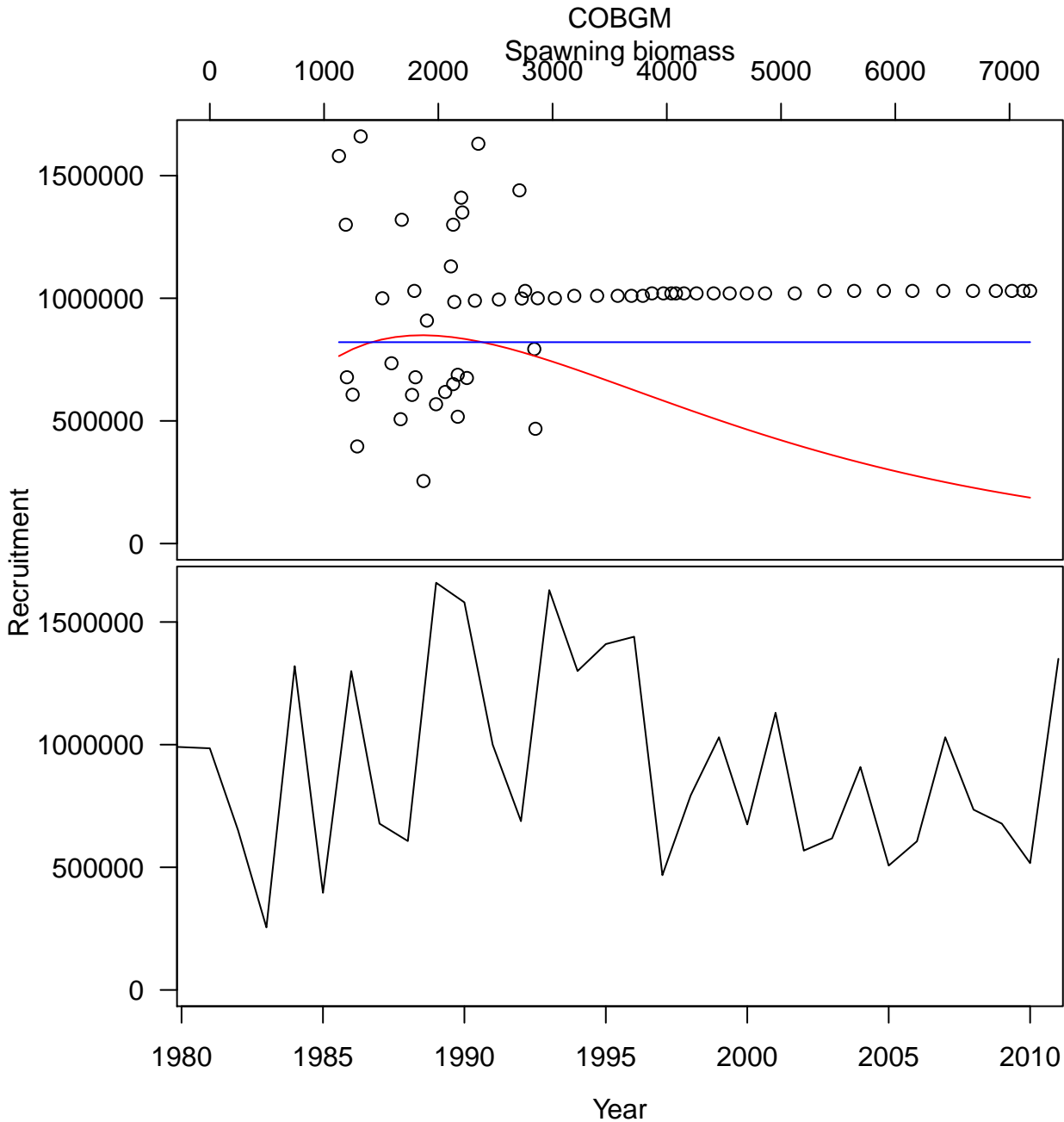
Spawning biomass

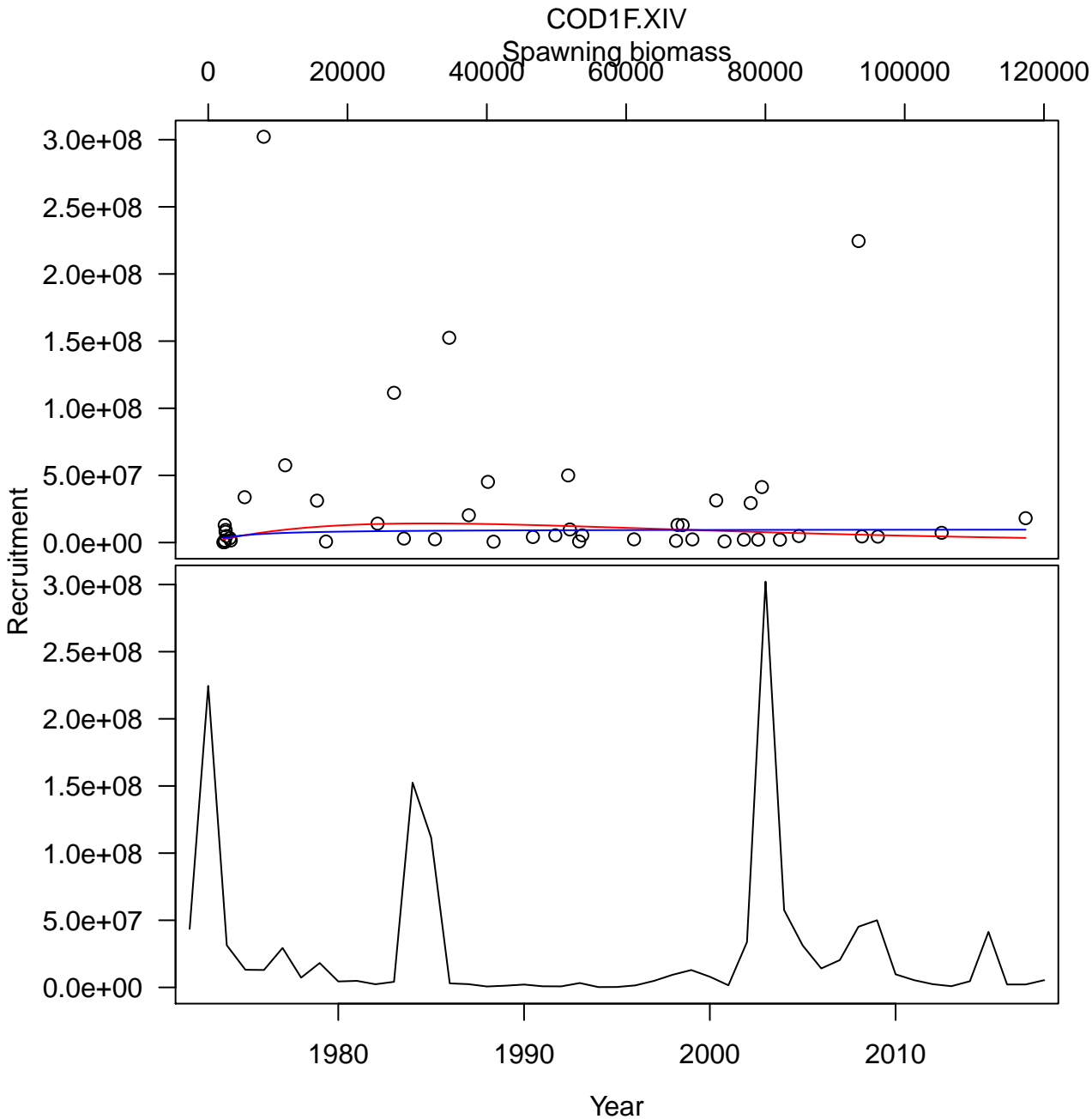
0e+00 1e+05 2e+05 3e+05 4e+05 5e+05 6e+05

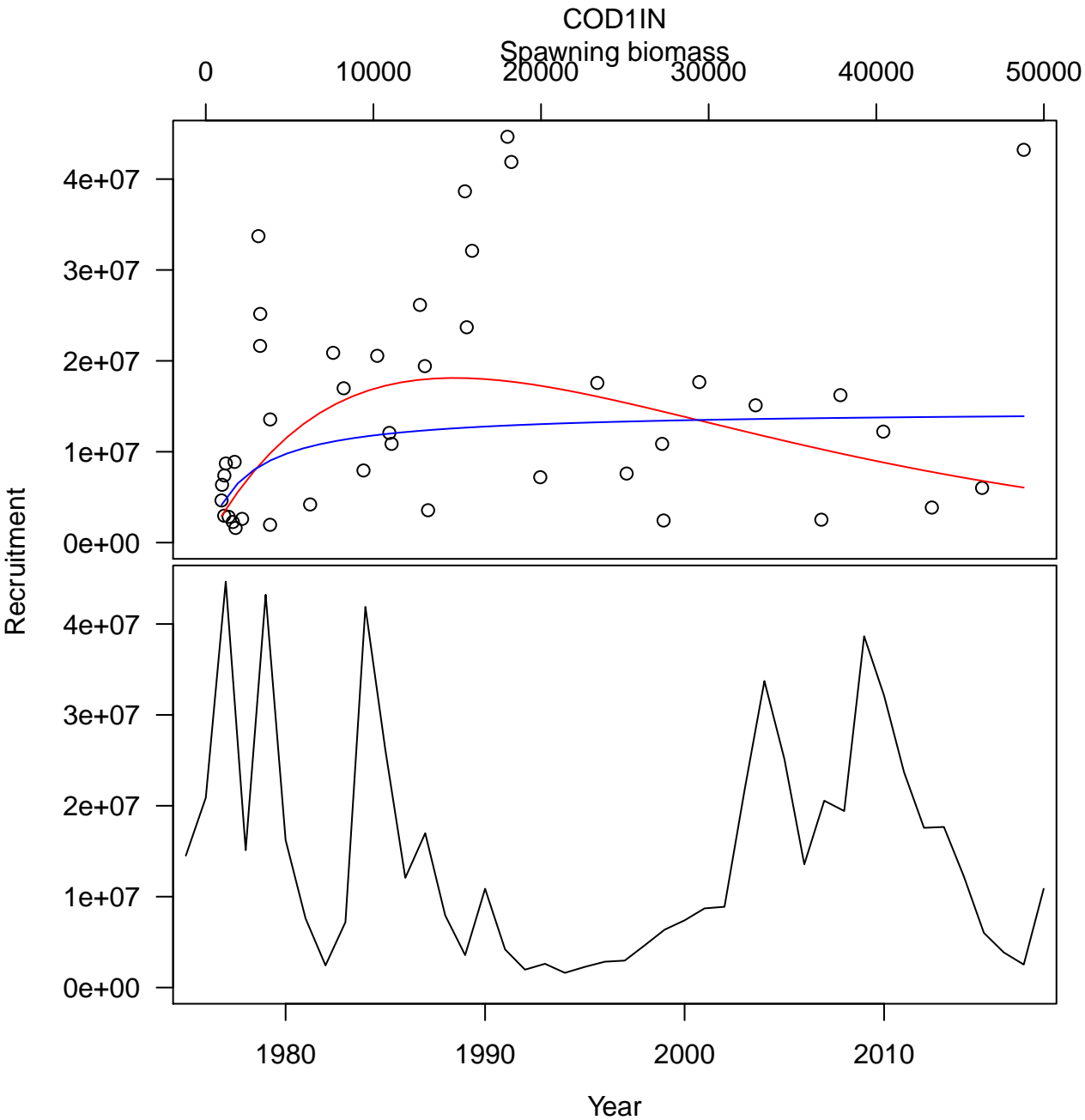


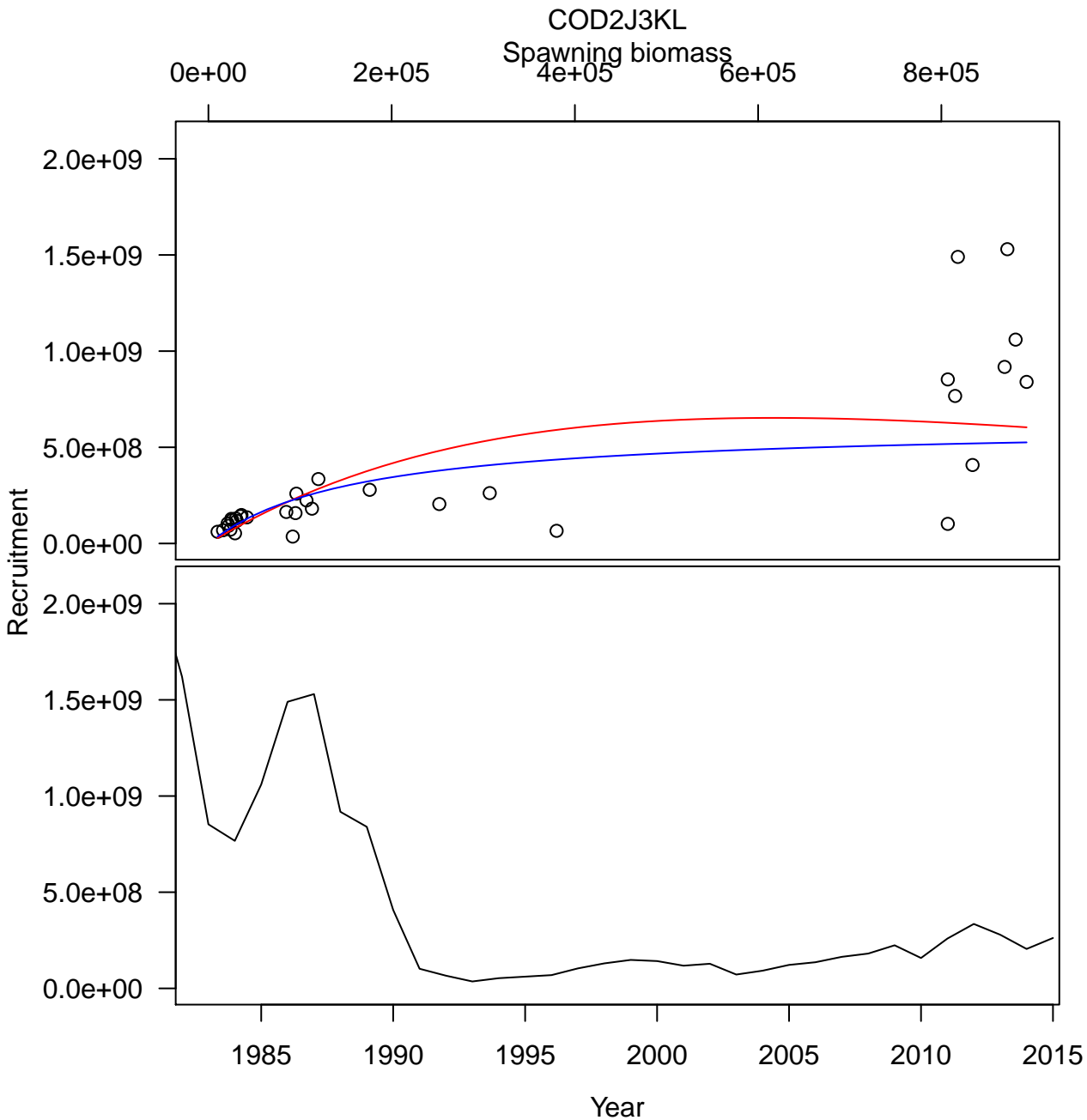


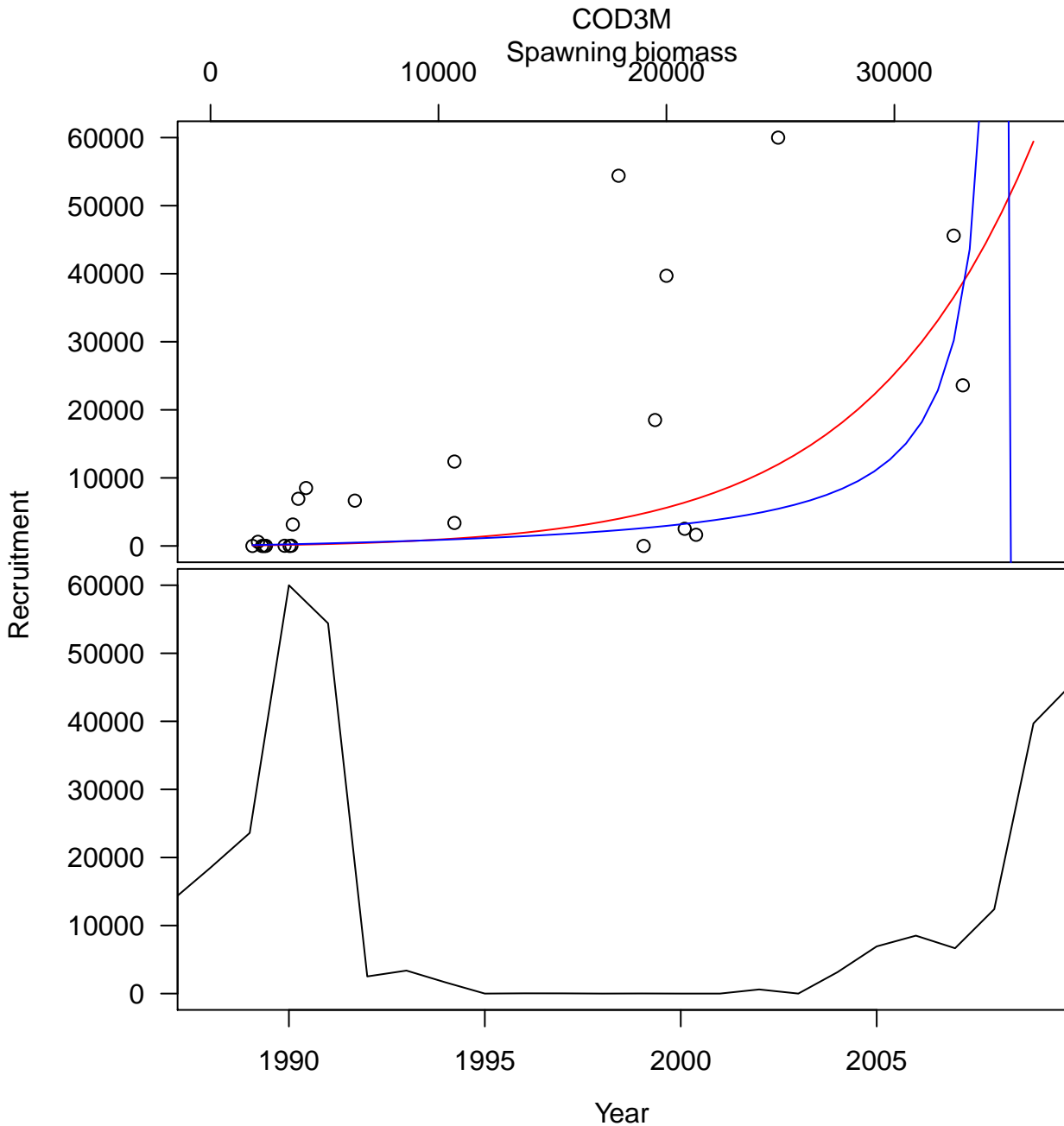


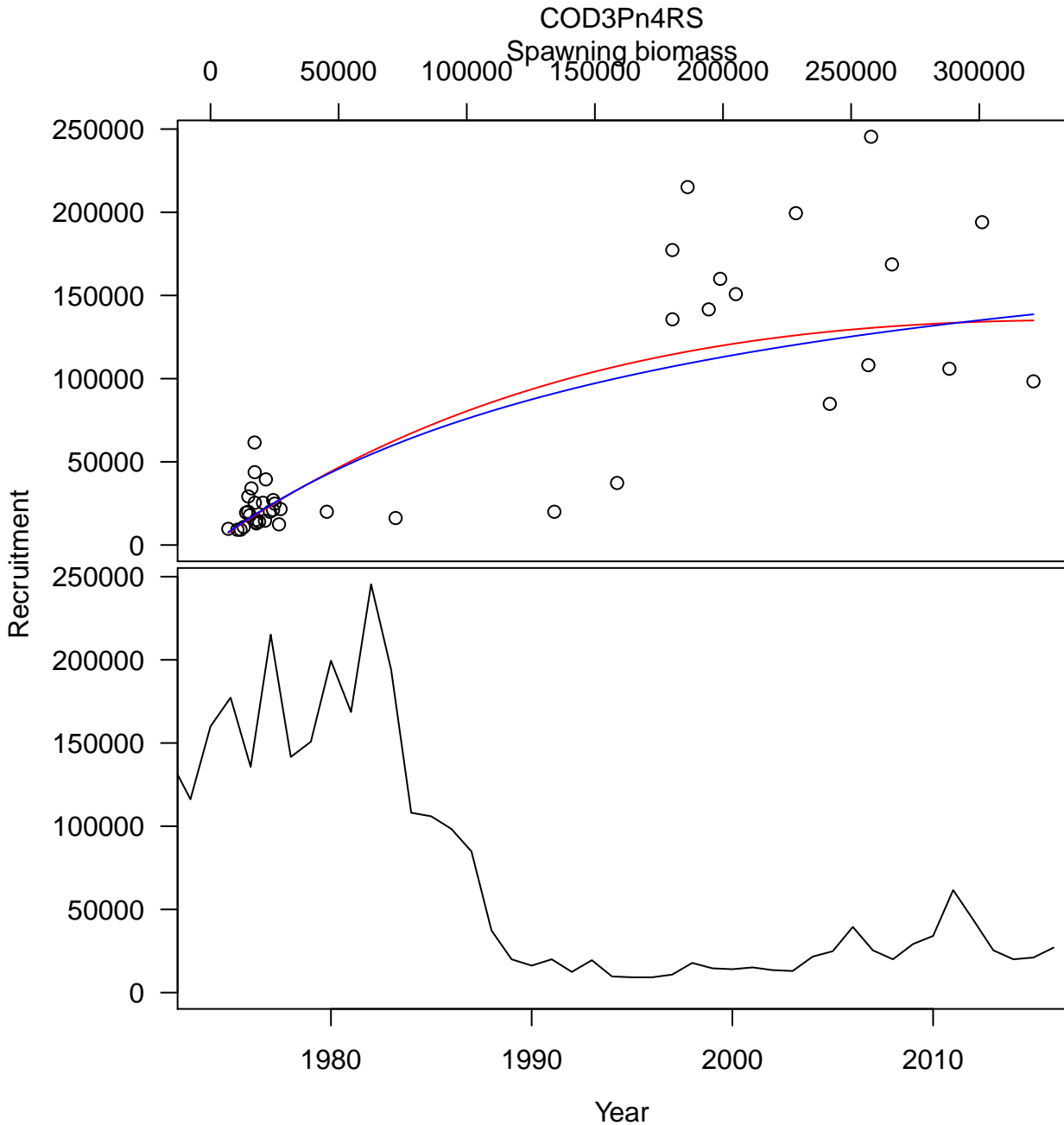


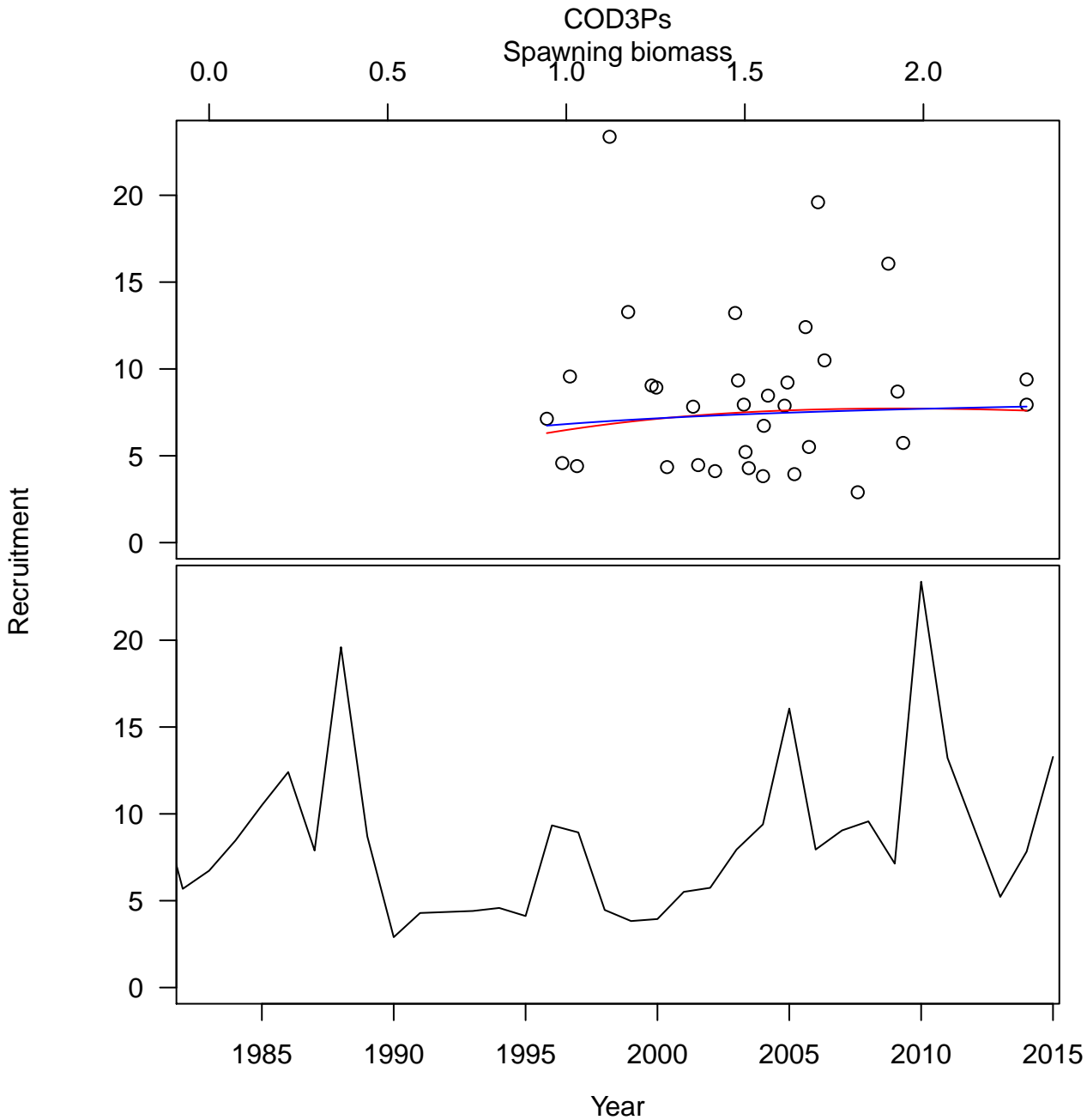


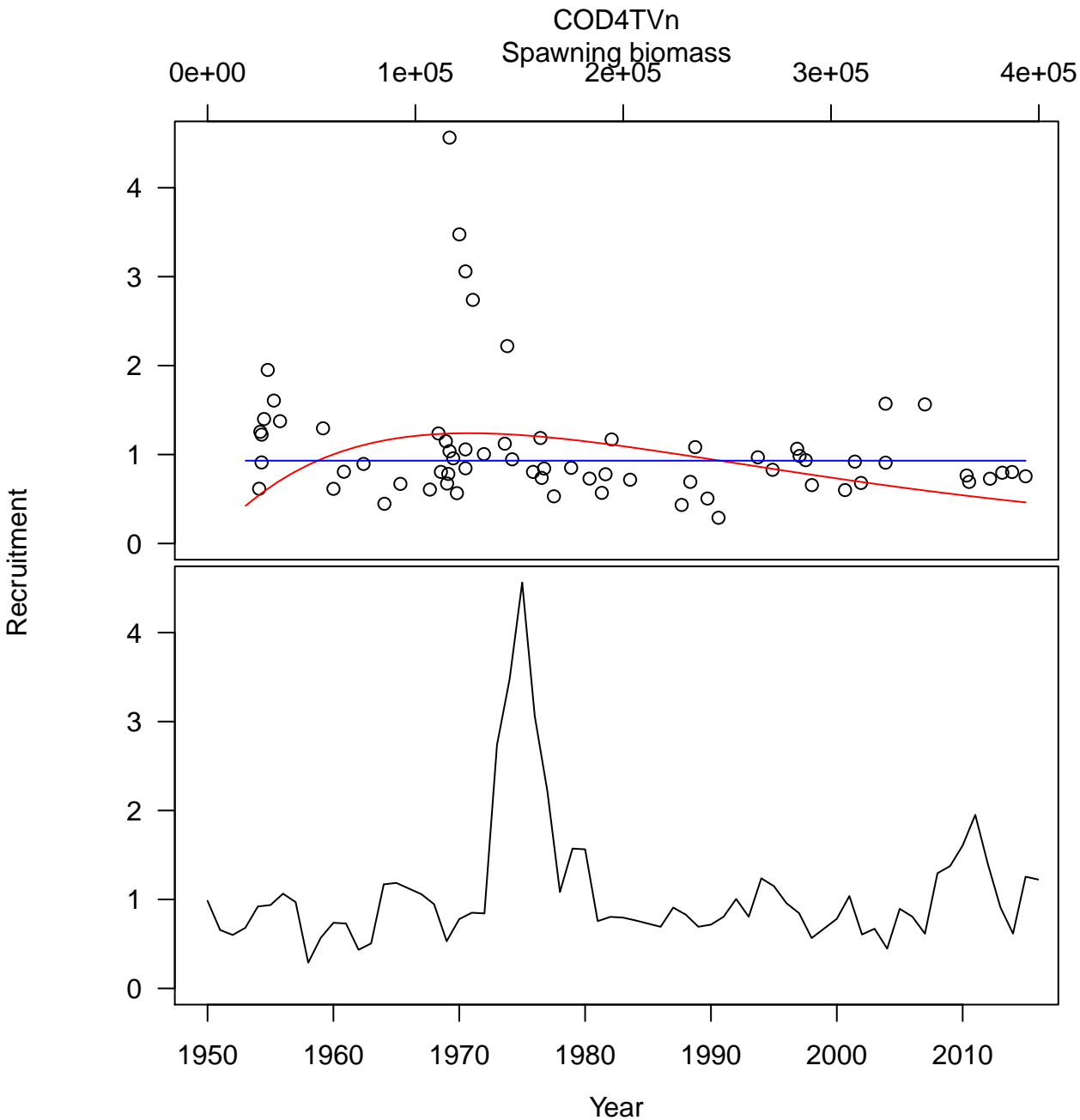


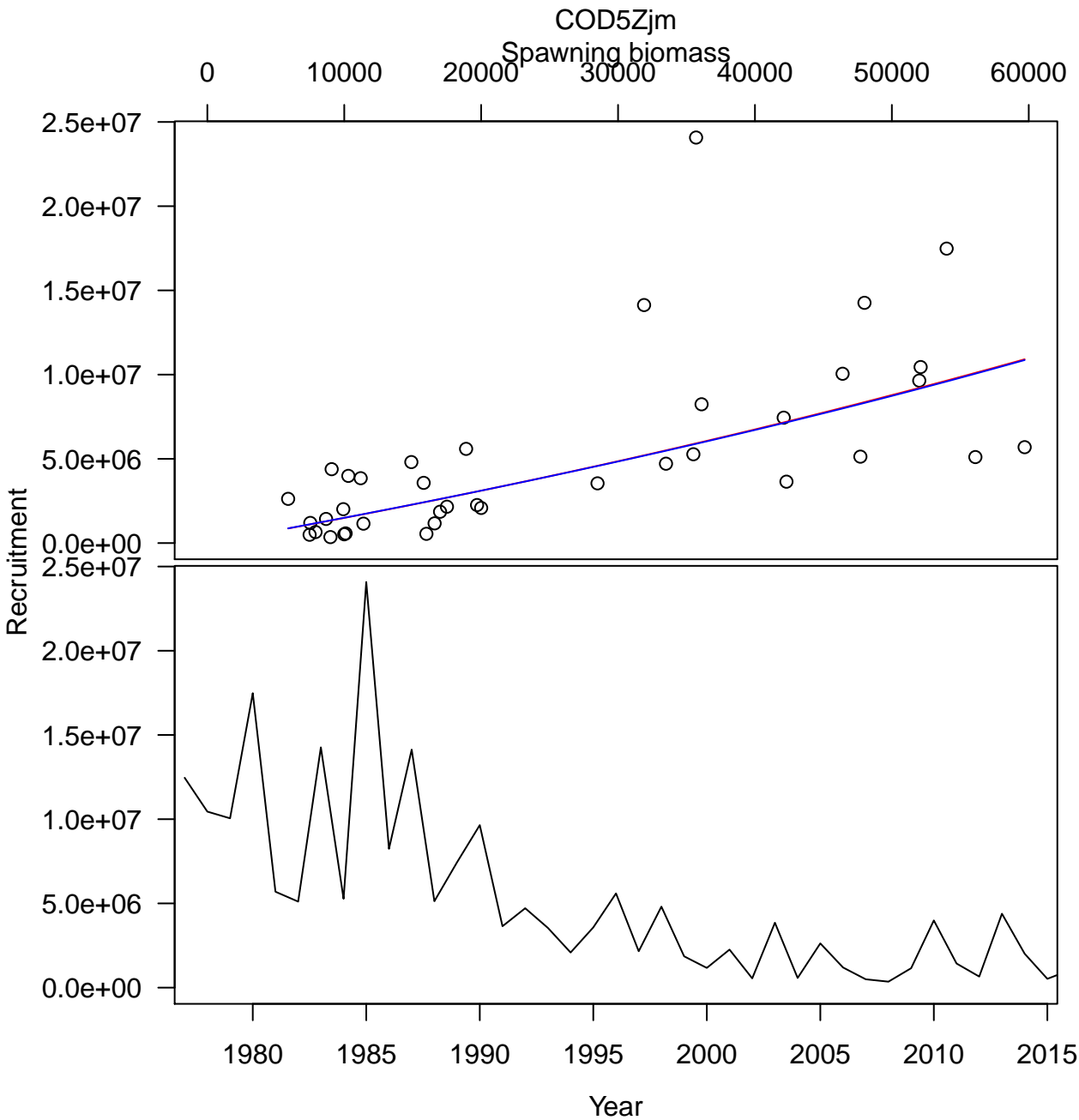












CODBA2224

Spawning biomass

0

10000

20000

30000

40000

Recruitment

120000

100000

80000

60000

40000

20000

0

120000

100000

80000

60000

40000

20000

0

1985

1990

1995

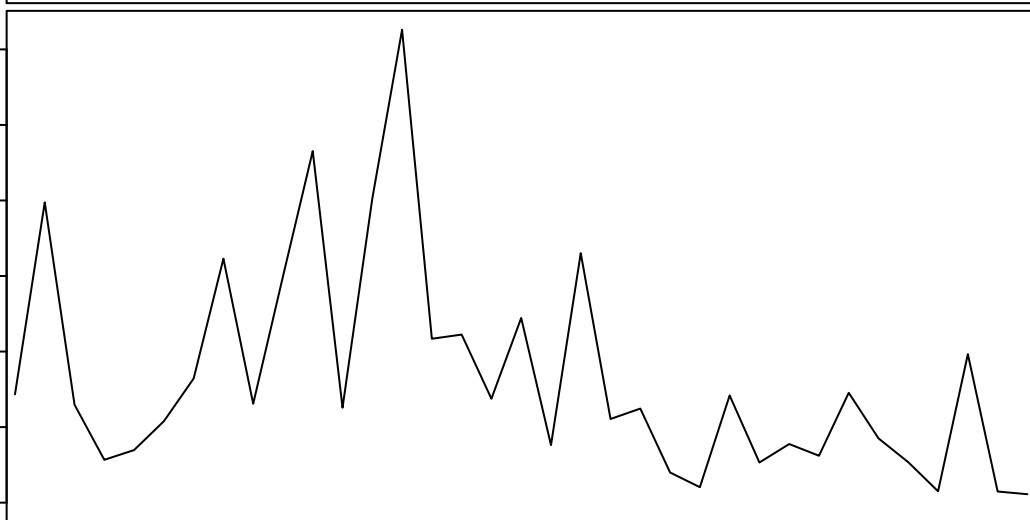
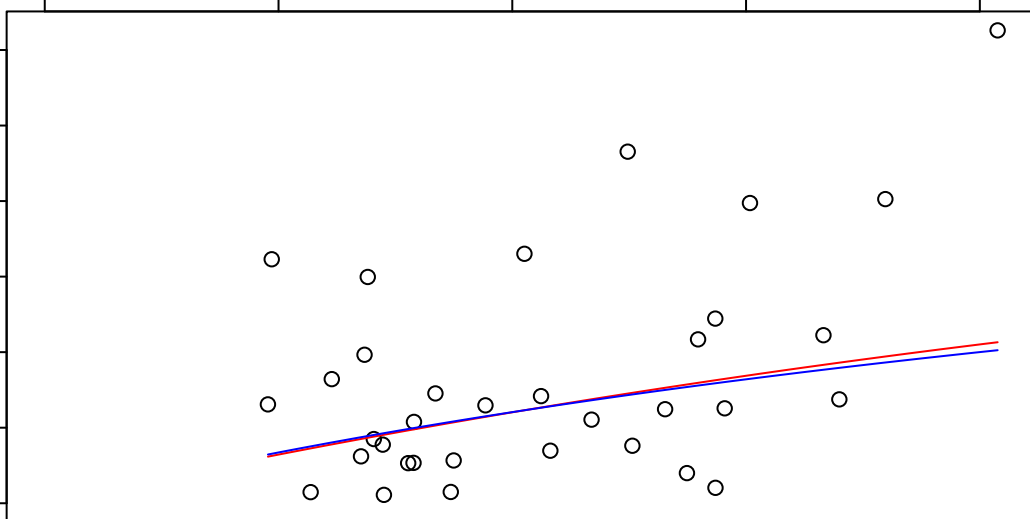
2000

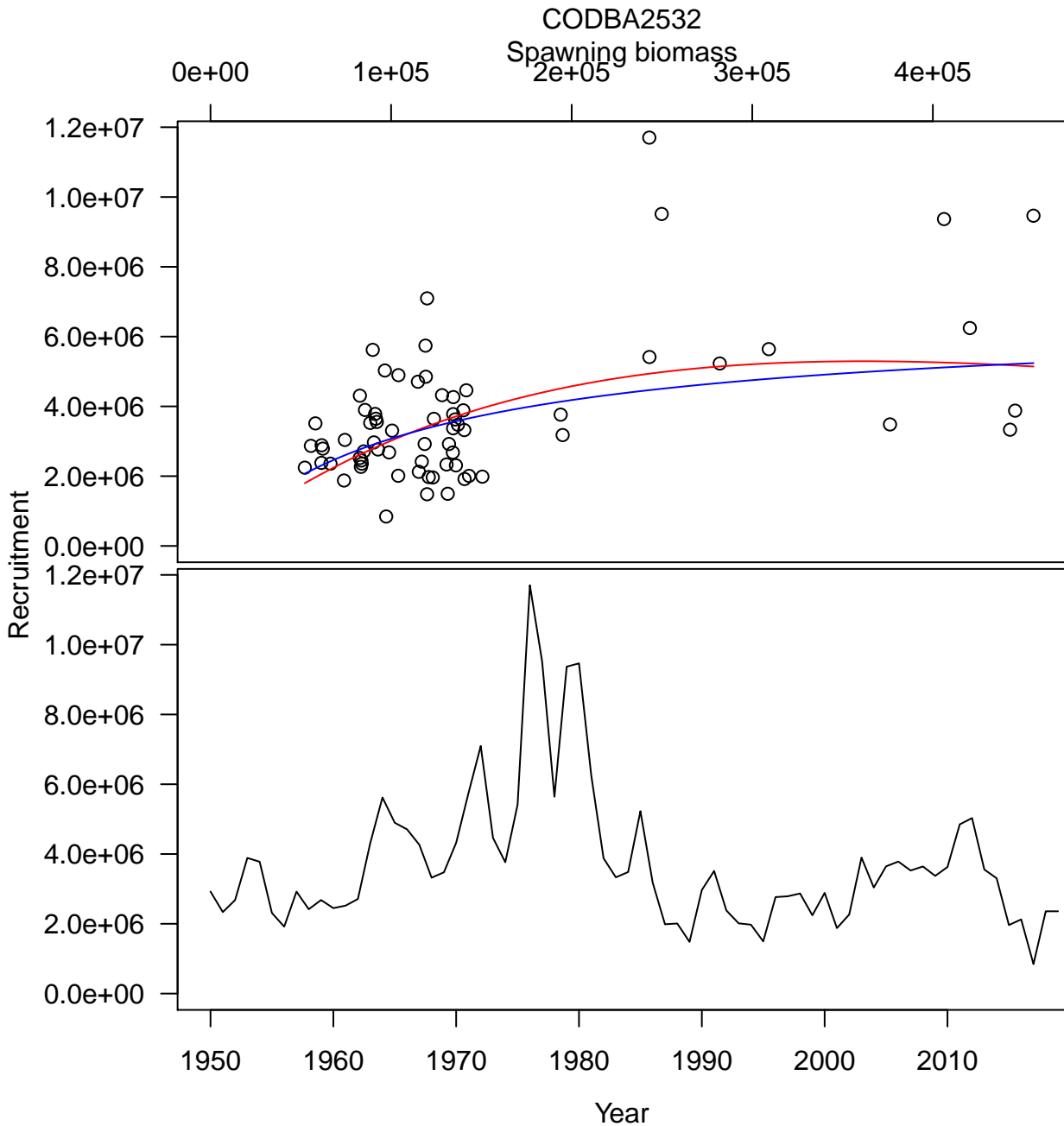
2005

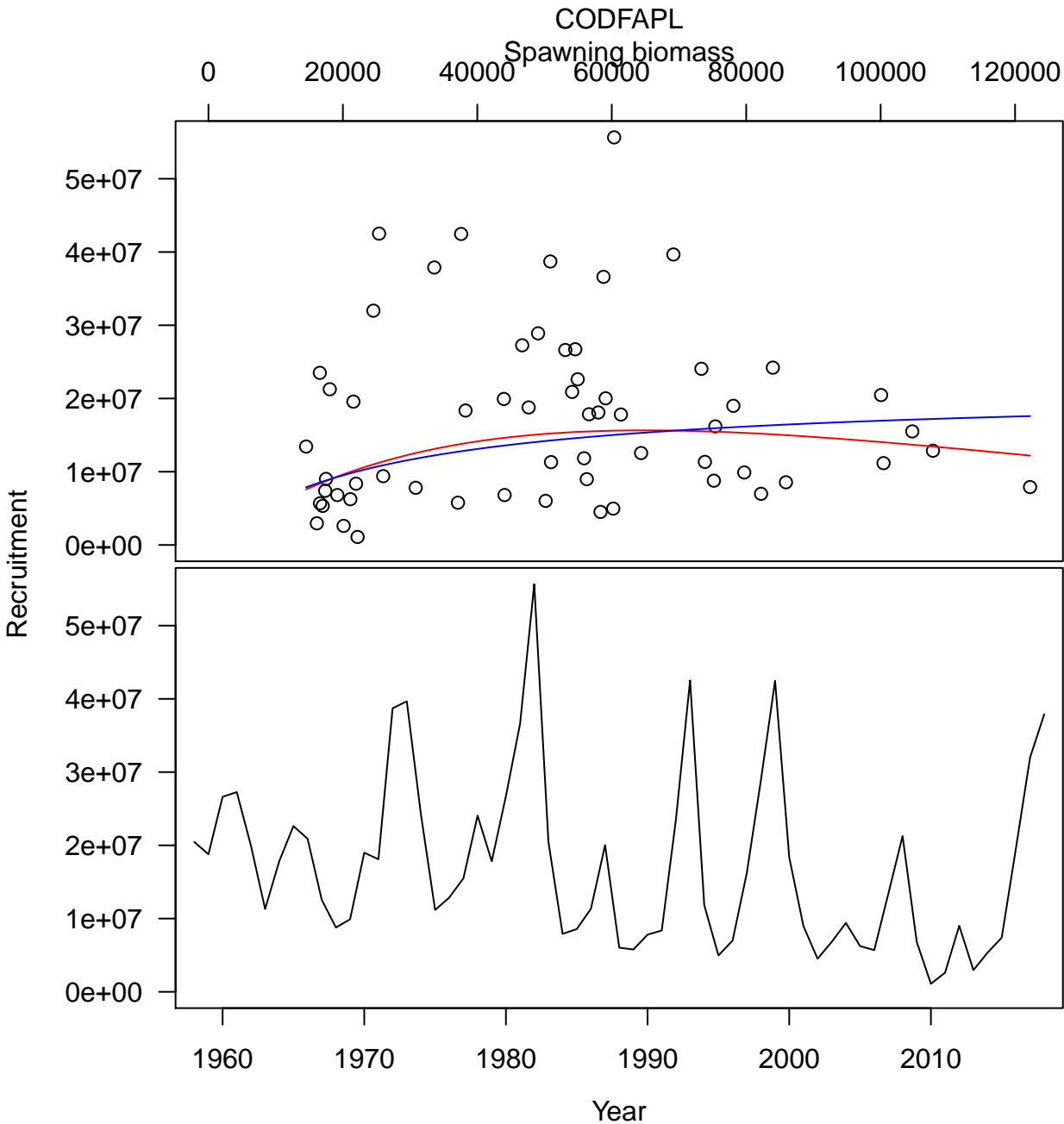
2010

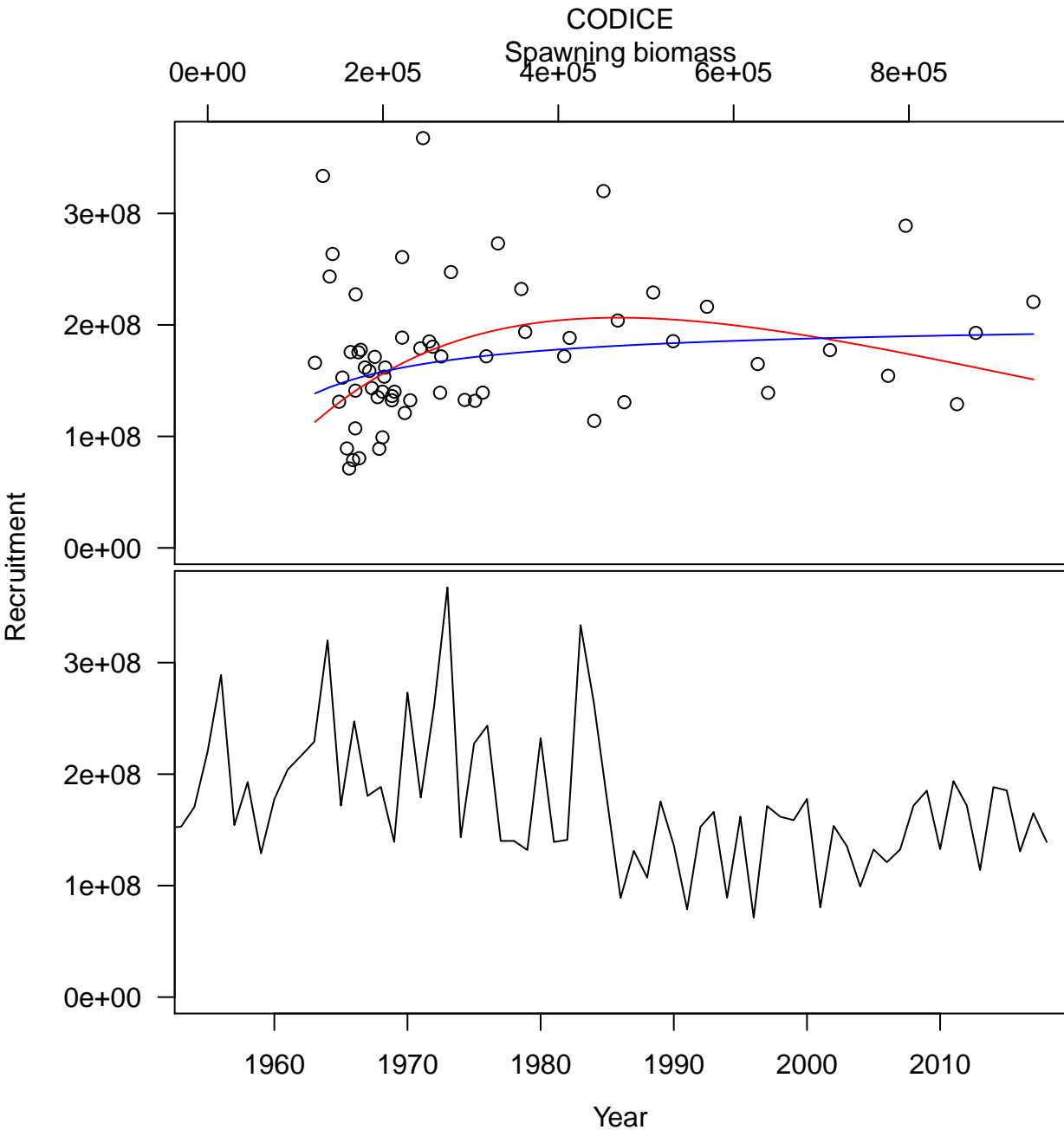
2015

Year



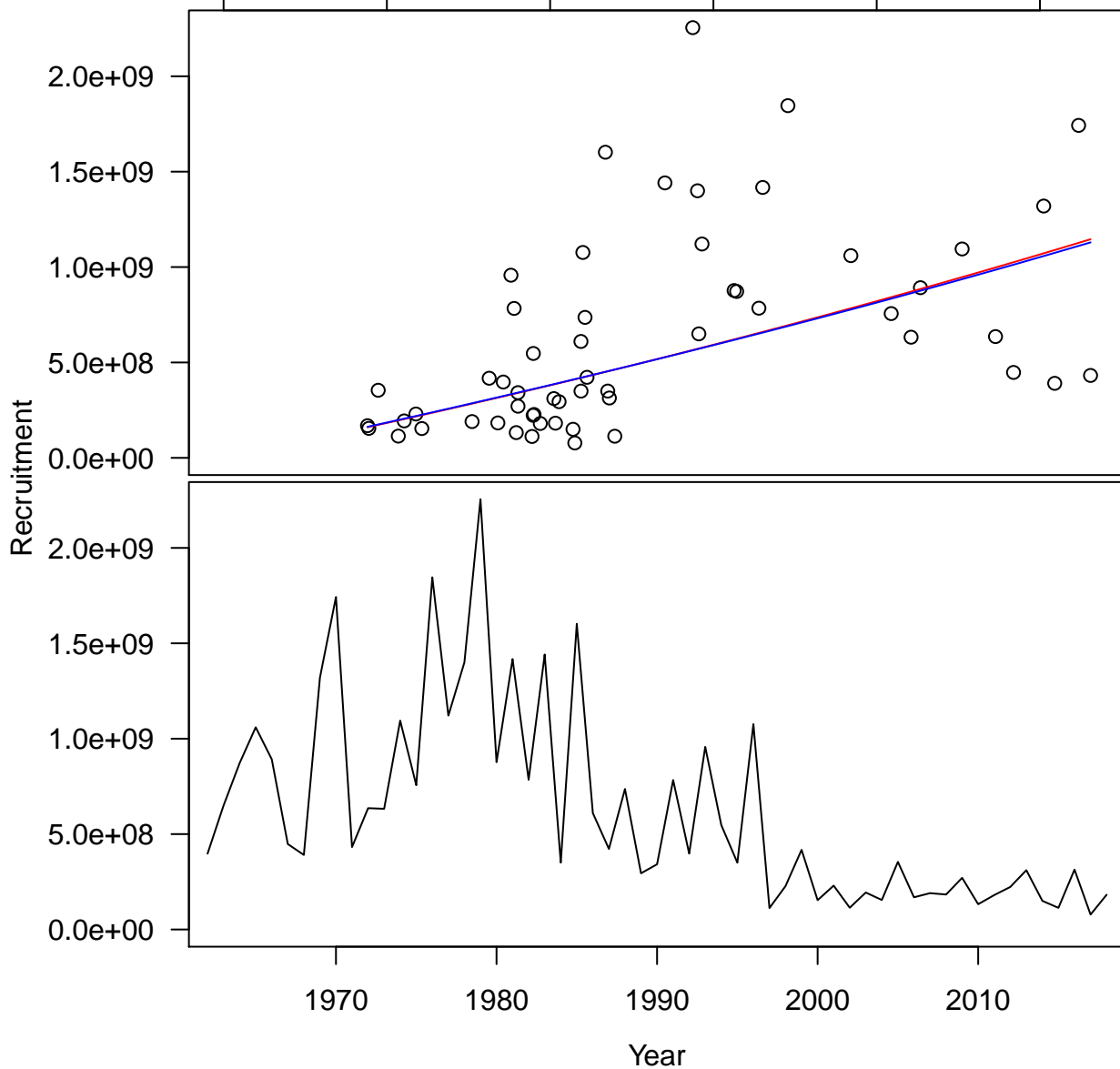


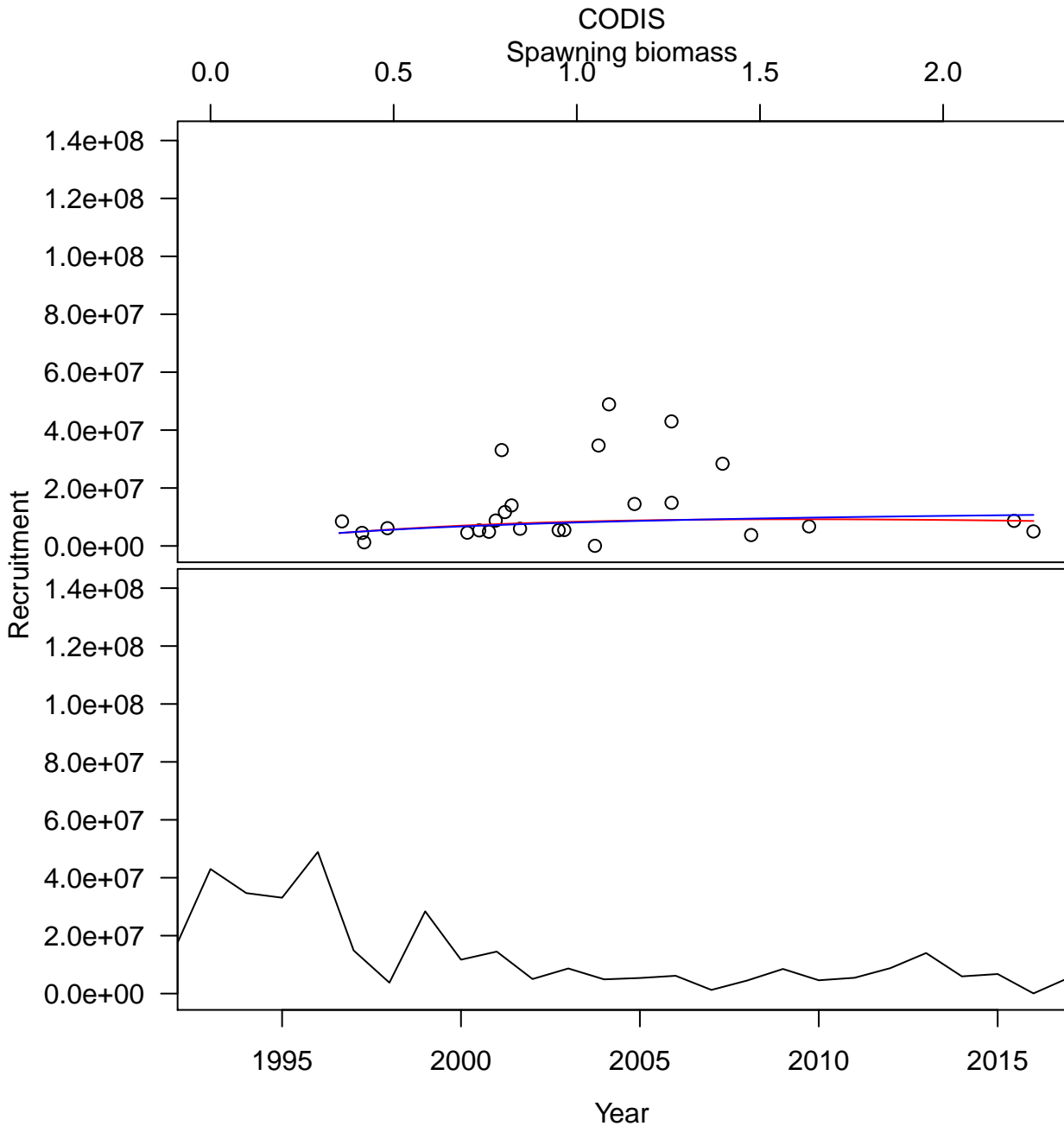


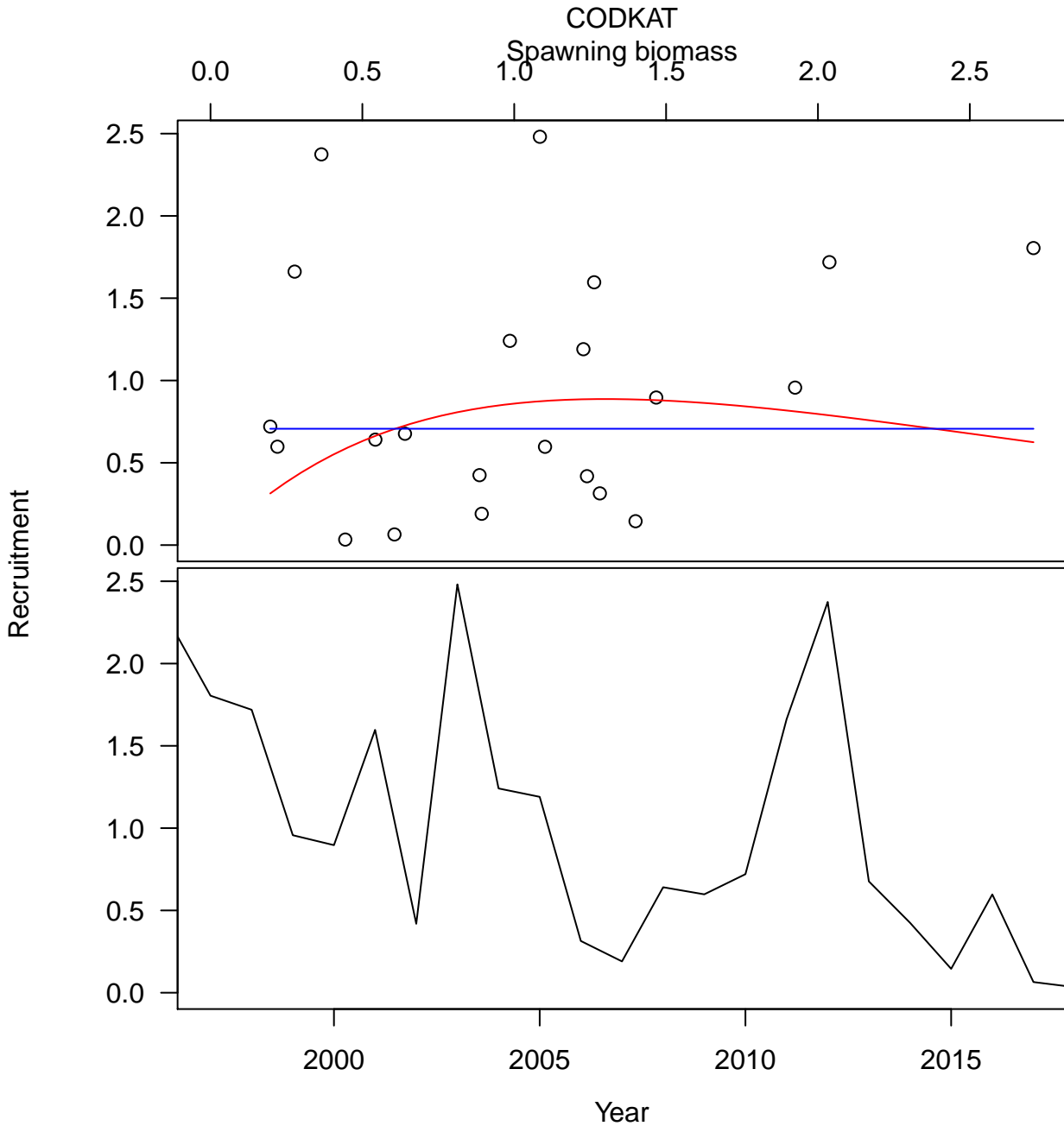


CODIIIaW.IV.VIId
Spawning biomass

0 50000 100000 150000 200000 250000



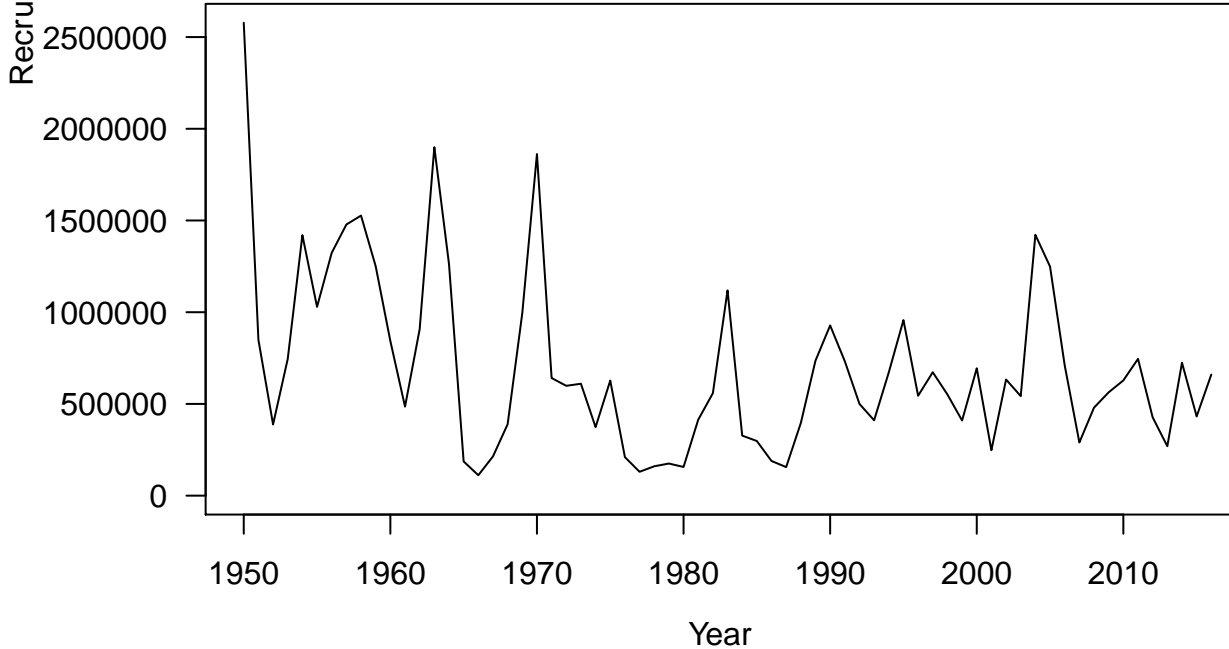
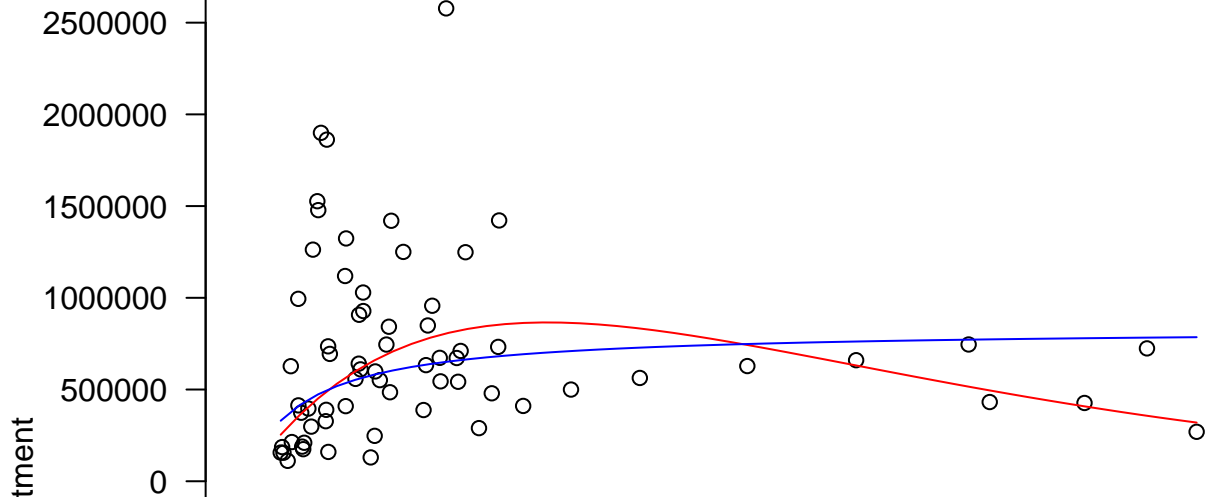


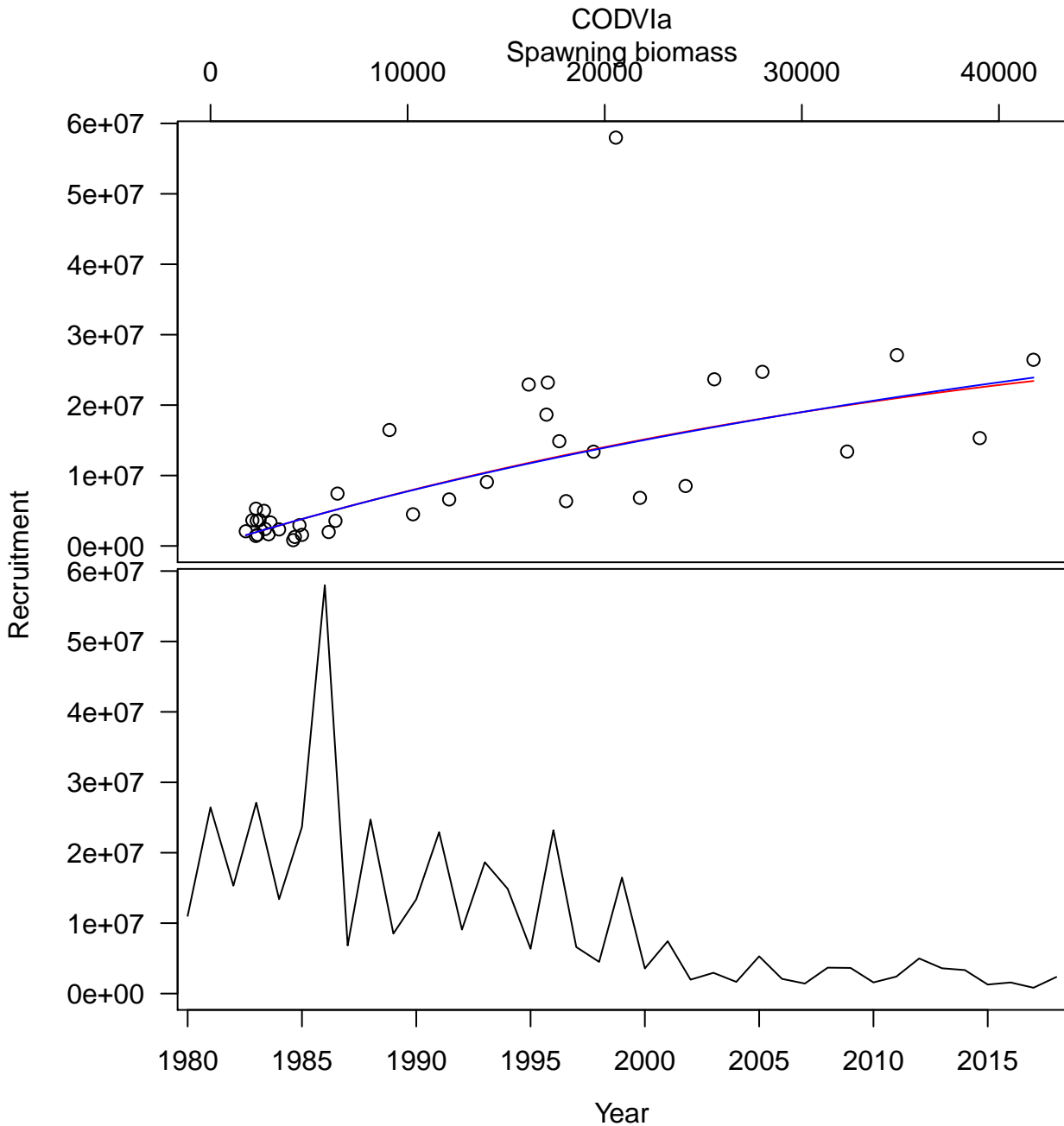


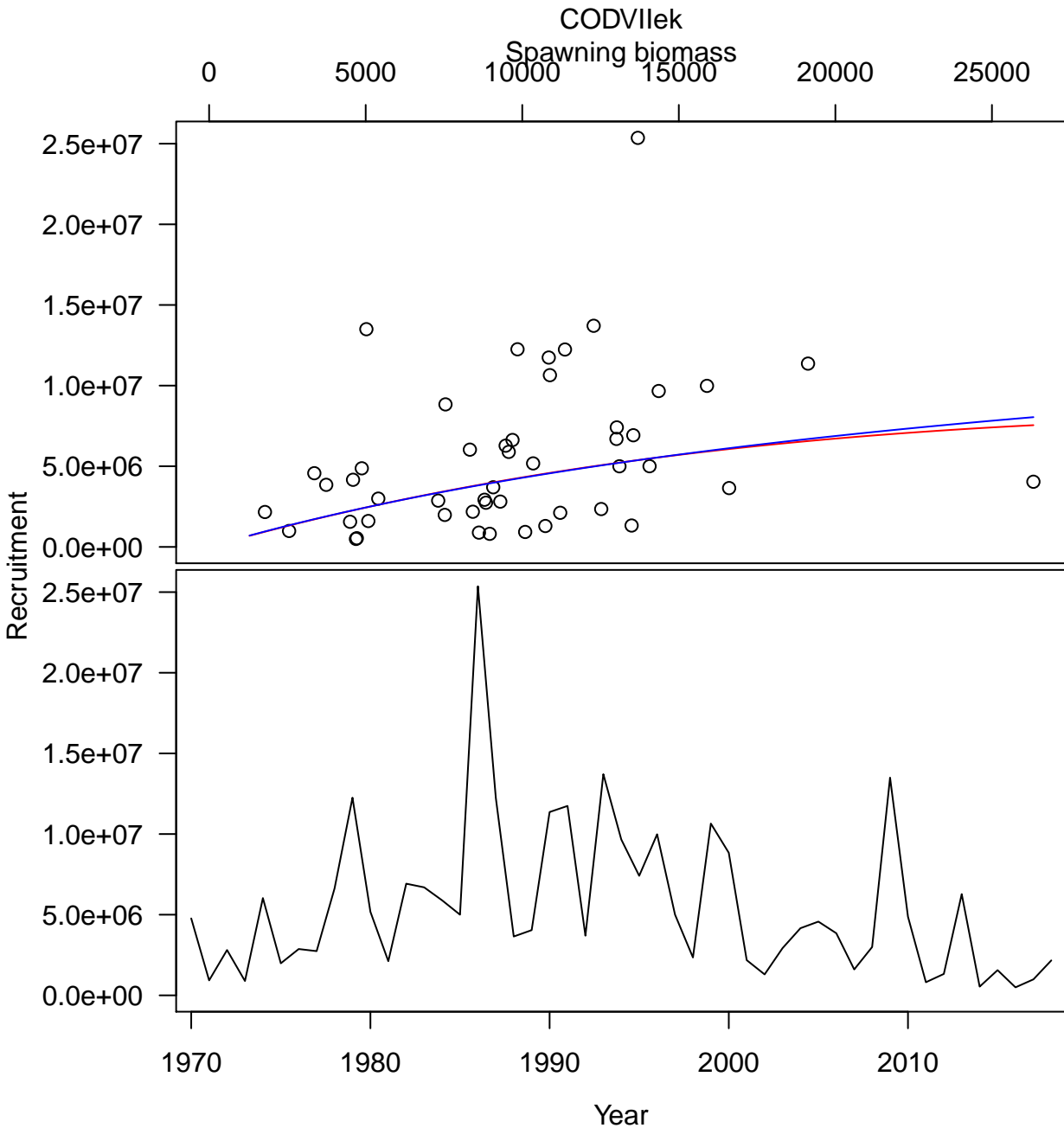
CODNEAR

Spawning biomass

0 500000 1000000 1500000 2000000 2500000



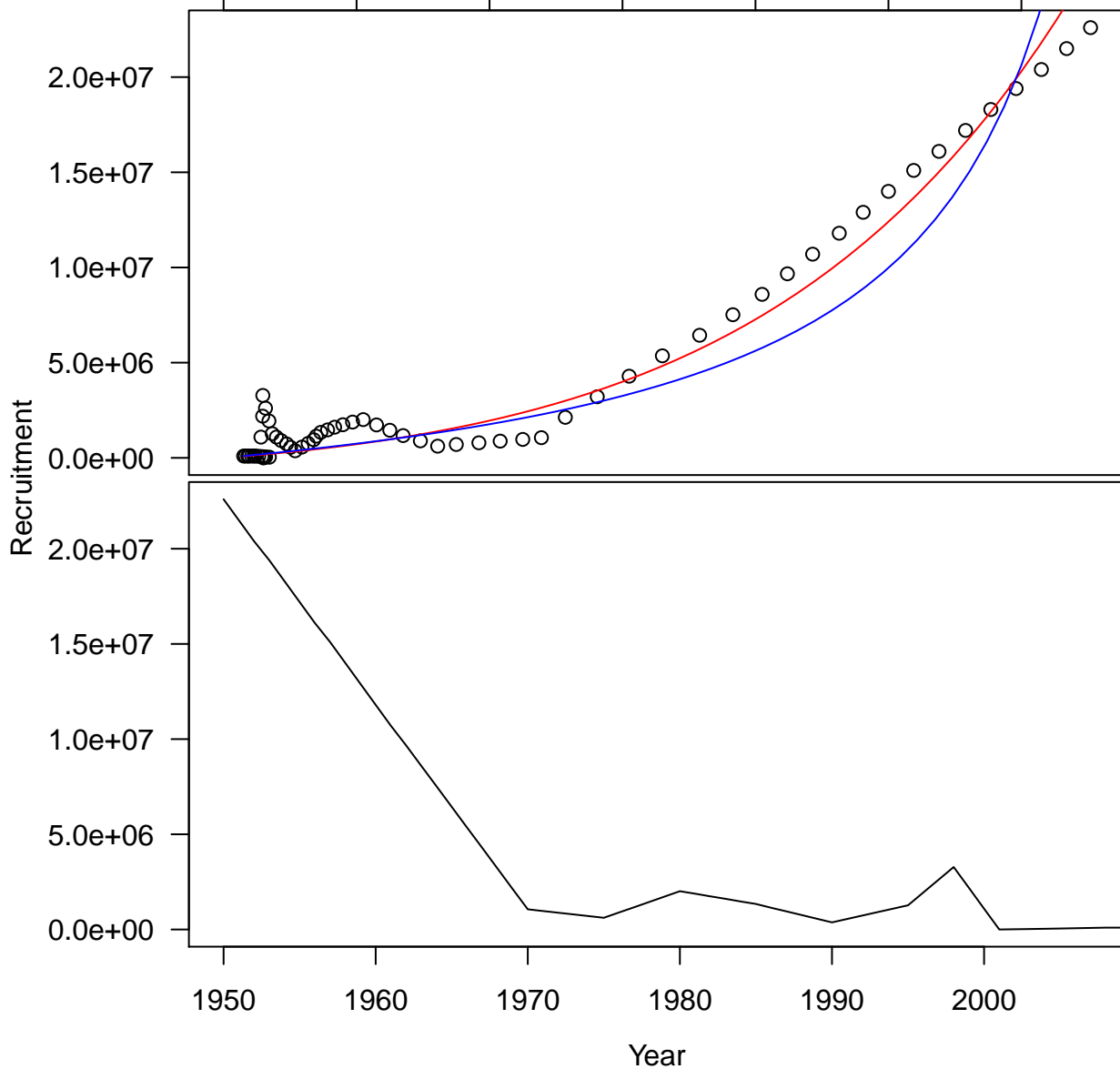




CRLOBSTERSA12

Spawning biomass

0.0 0.1 0.2 0.3 0.4 0.5 0.6



CRLOBSTERSA34

Spawning biomass

0.0

0.1

0.2

0.3

0.4

6e+07

5e+07

4e+07

3e+07

2e+07

1e+07

0e+00

Recruitment

6e+07

5e+07

4e+07

3e+07

2e+07

1e+07

0e+00

1950

1960

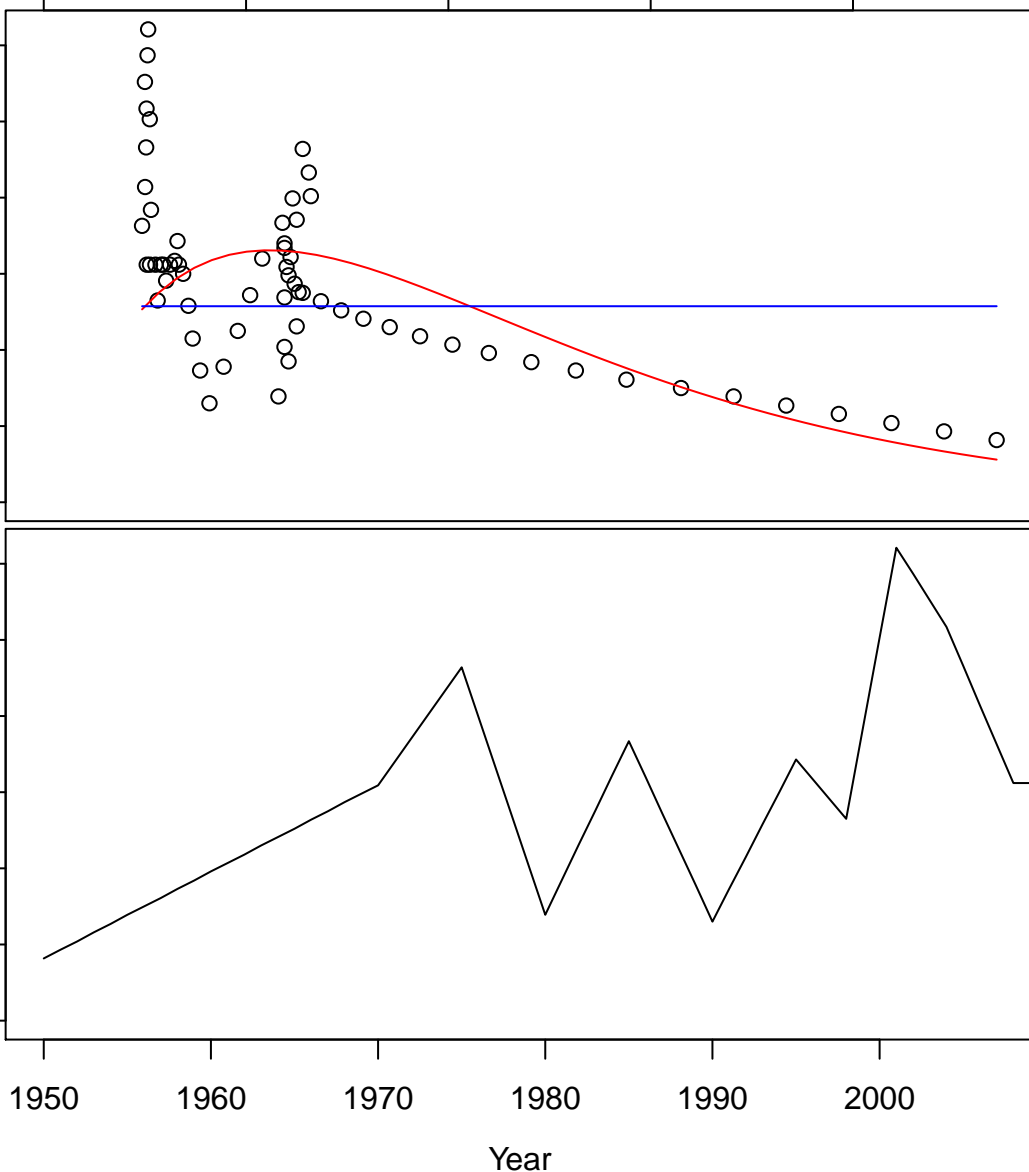
1970

1980

1990

2000

Year



CRLOBSTERSA56

Spawning biomass

0.0

0.1

0.2

0.3

0.4

4e+07

3e+07

2e+07

1e+07

0e+00

Recruitment

4e+07

3e+07

2e+07

1e+07

0e+00

1950

1960

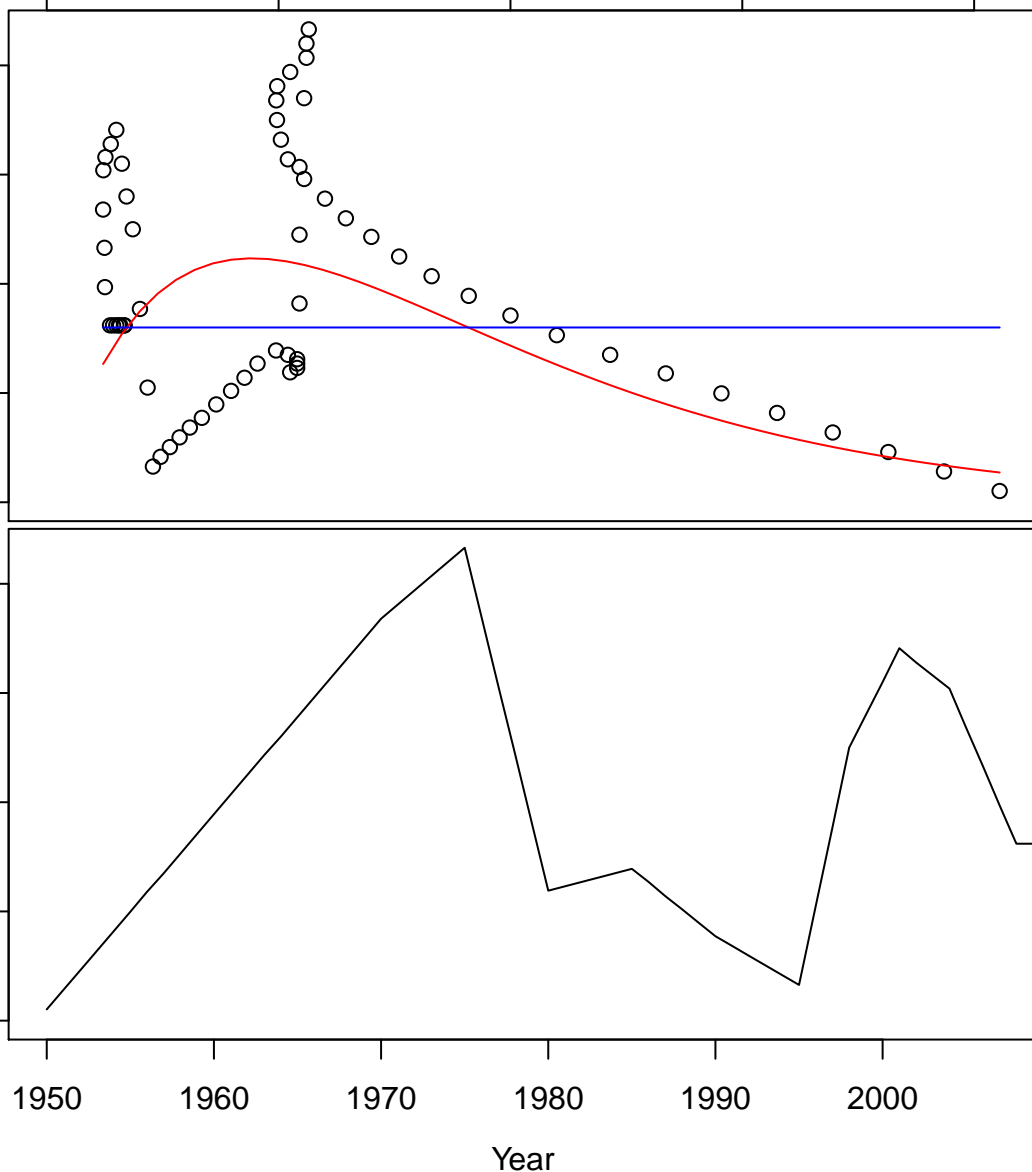
1970

1980

1990

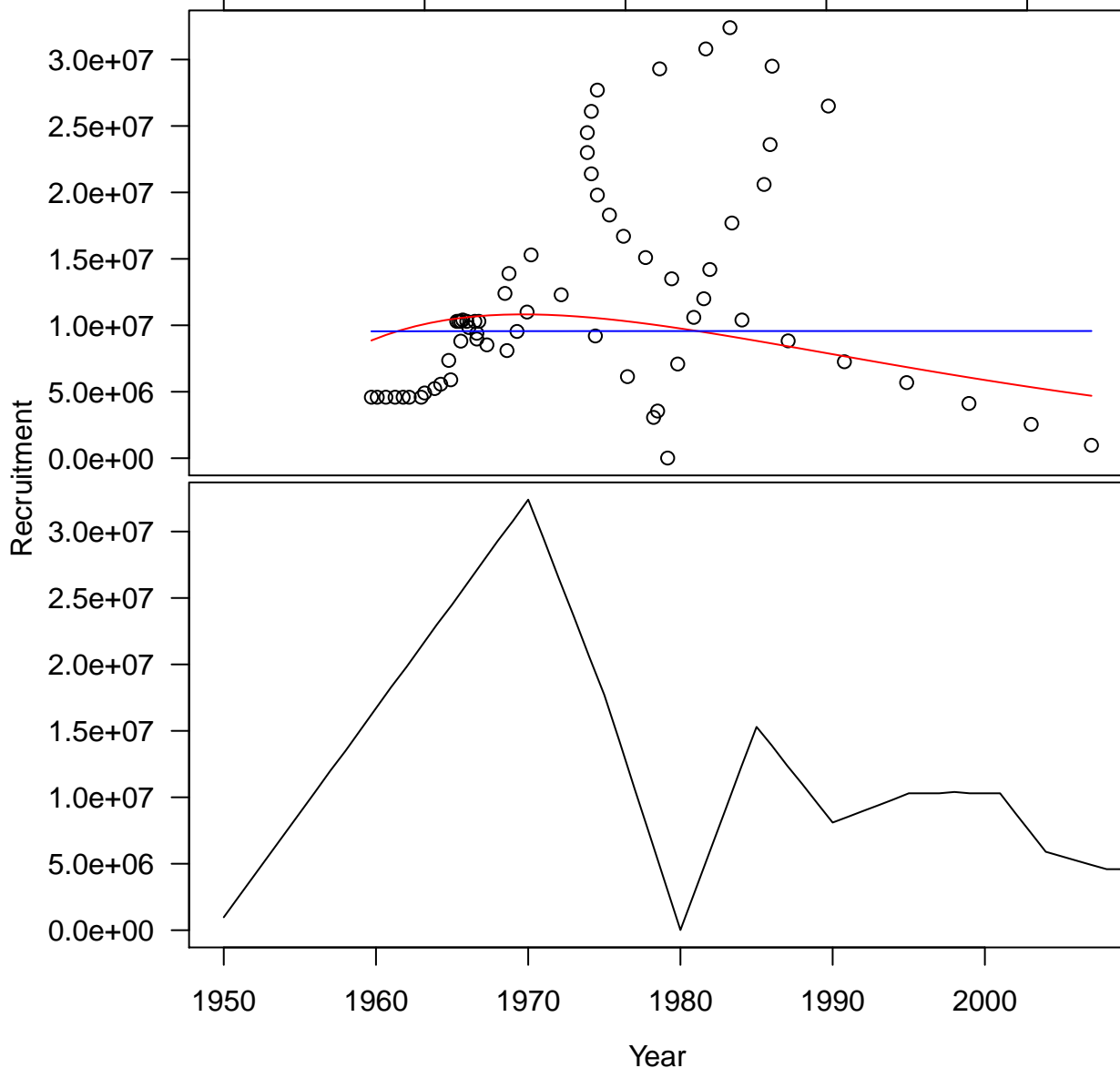
2000

Year



CRLOBSTERSA7
Spawning biomass

0.0 0.1 0.2 0.3 0.4



CRLOBSTERSA8

Spawning biomass

0.00

0.05

0.10

0.15

0.20

Recruitment

4e+08

3e+08

2e+08

1e+08

0e+00

4e+08

3e+08

2e+08

1e+08

0e+00

1950

1960

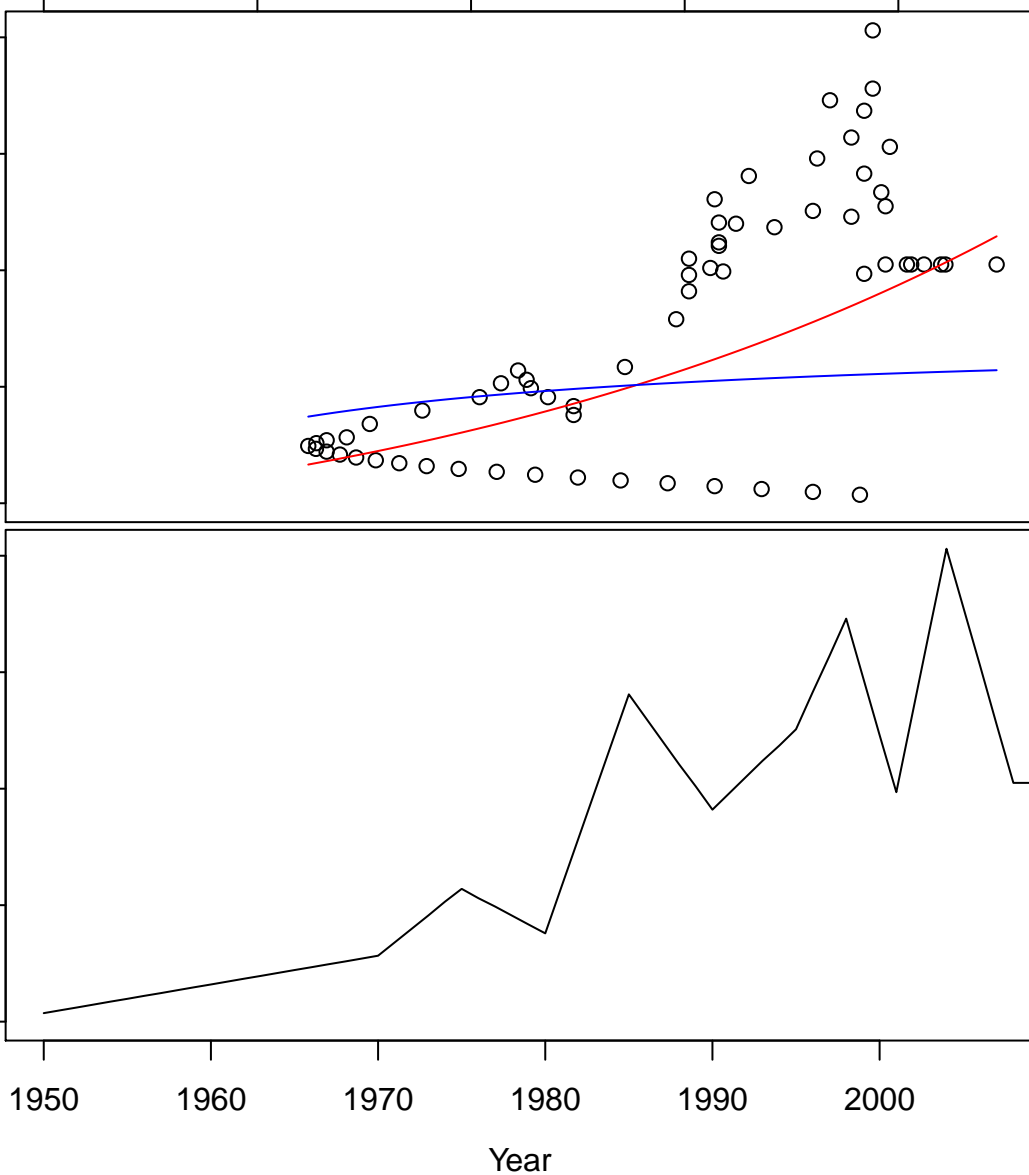
1970

1980

1990

2000

Year



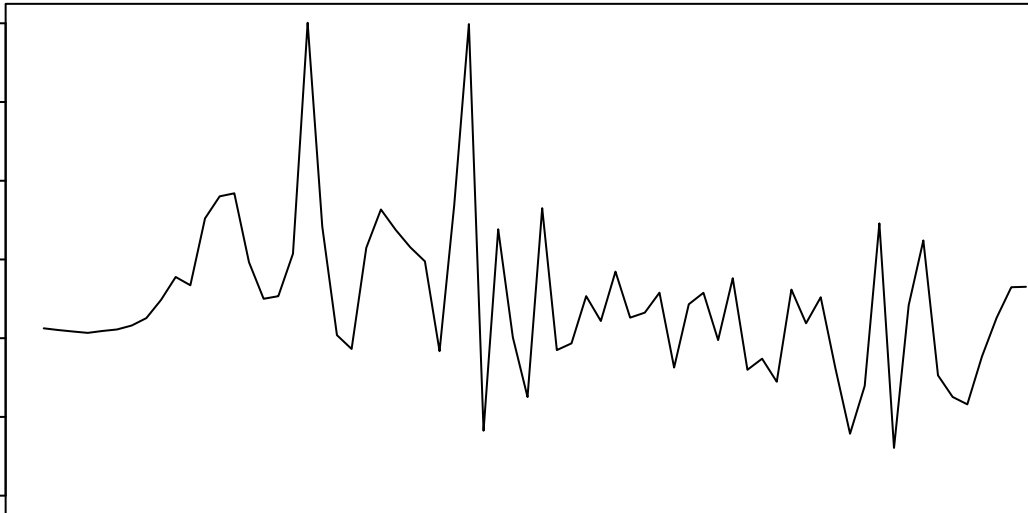
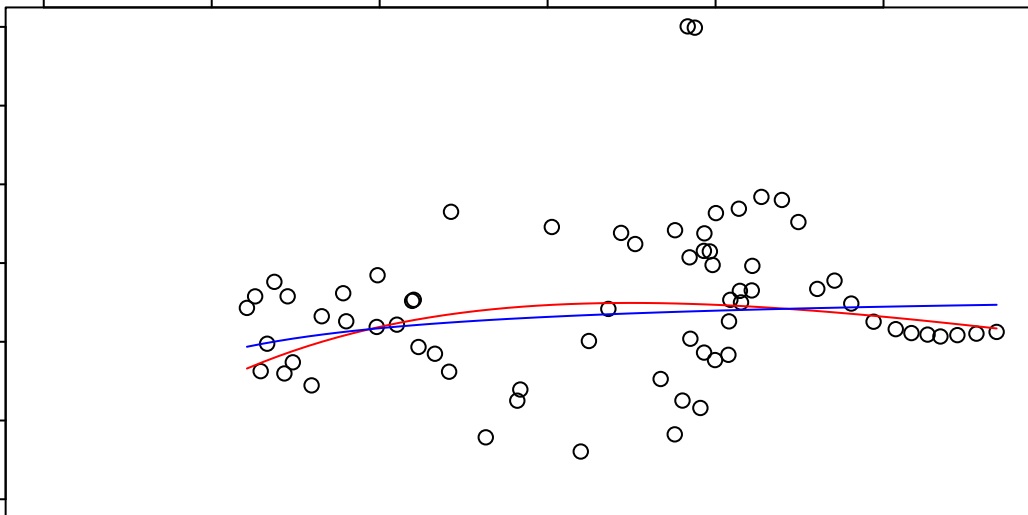
CROCKPCOAST

Spawning biomass

0e+00 1e+09 2e+09 3e+09 4e+09 5e+09

Recruitment

6e+06
5e+06
4e+06
3e+06
2e+06
1e+06
0e+00
6e+06
5e+06
4e+06
3e+06
2e+06
1e+06
0e+00

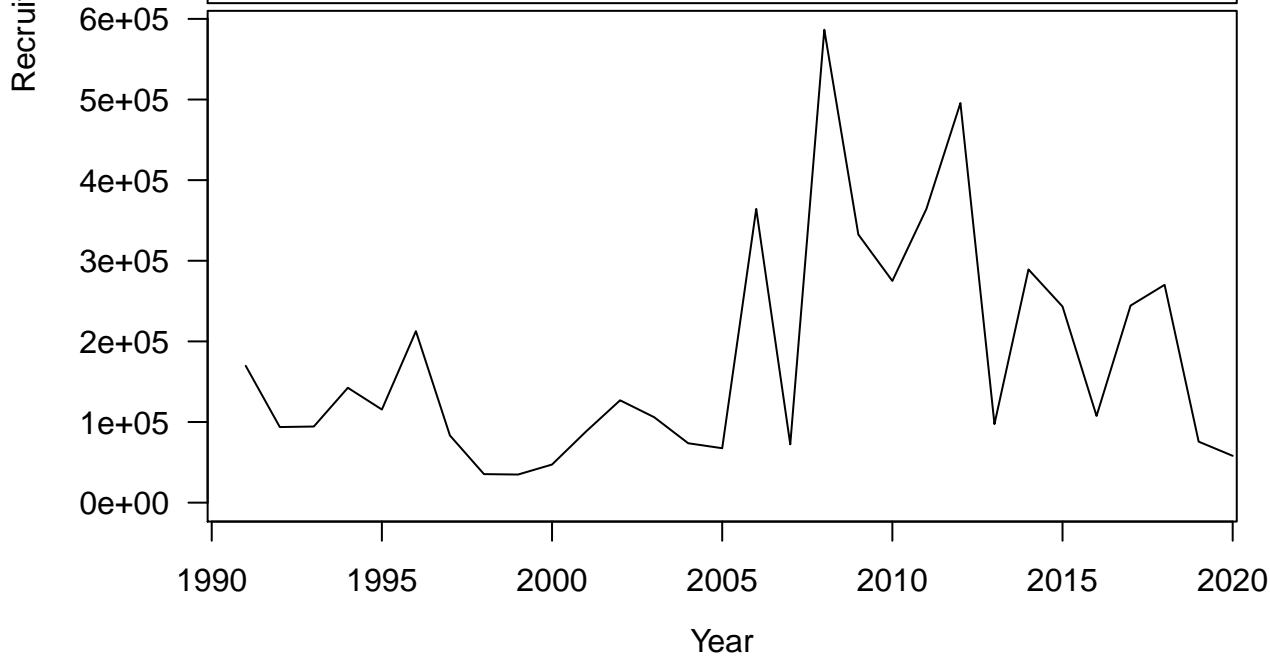
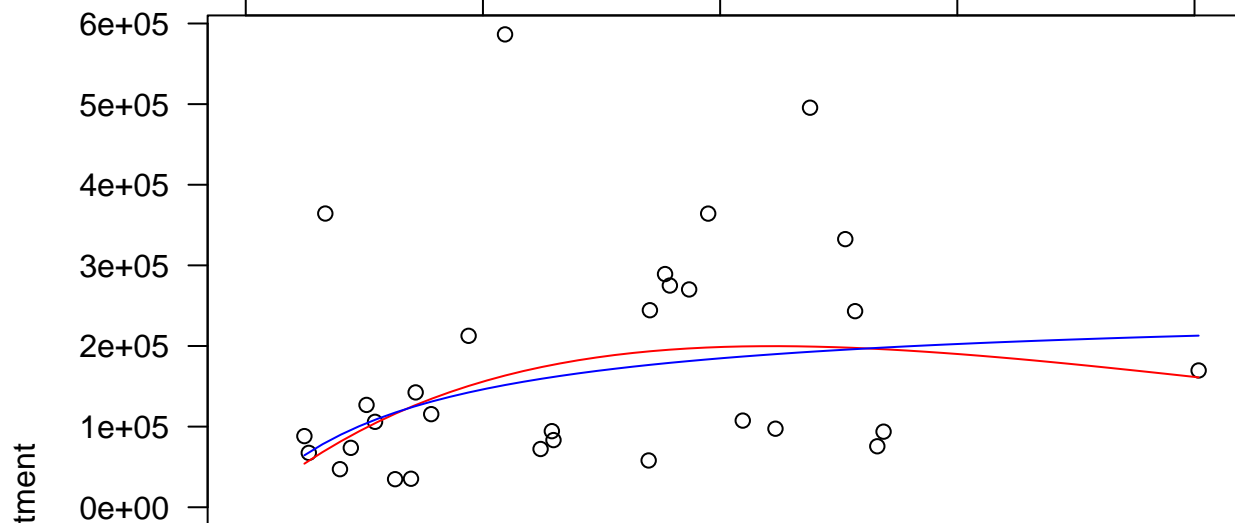


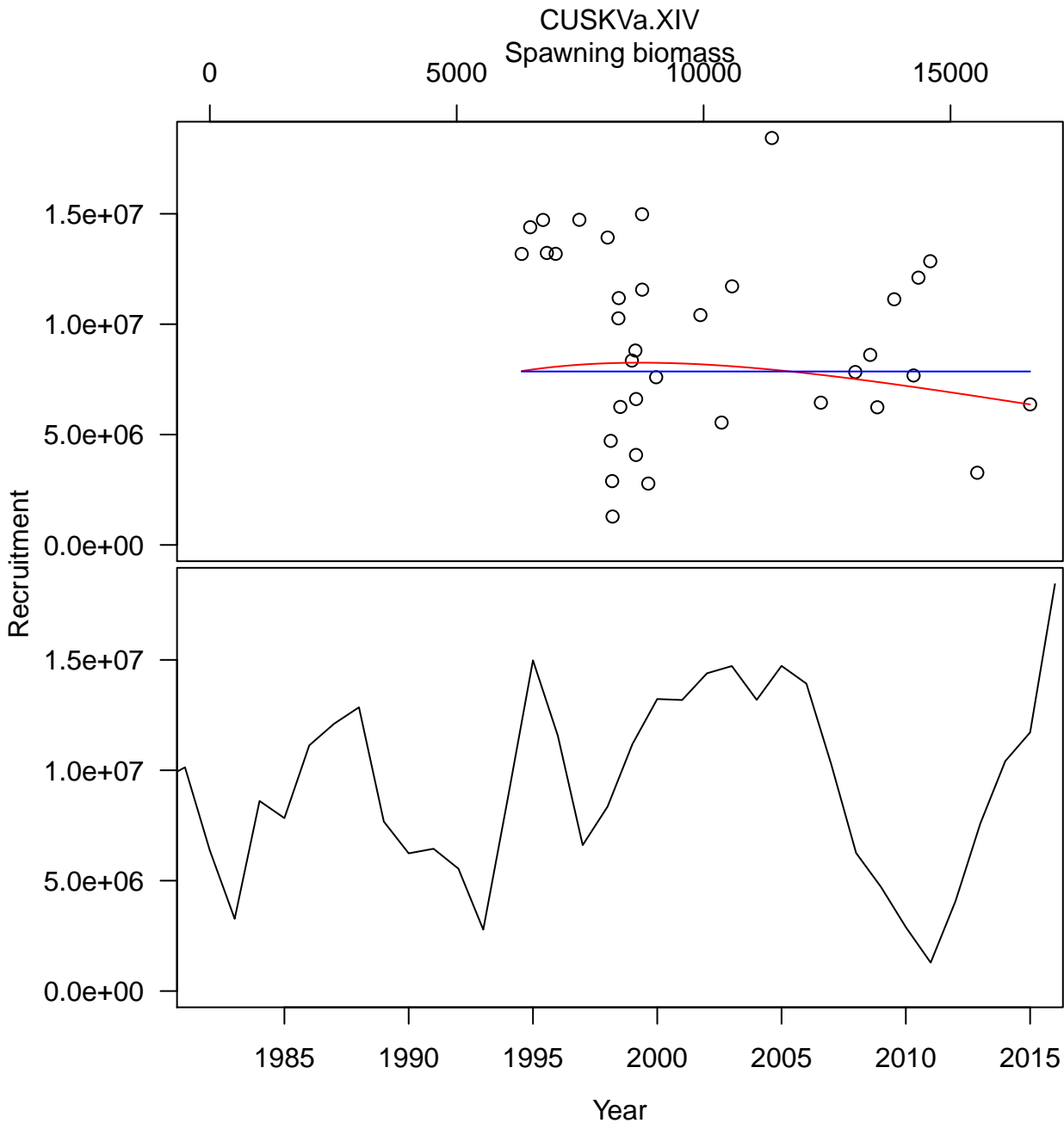
Year

1950 1960 1970 1980 1990 2000 2010

CSARDCSCH
Spawning biomass

0 500000 1000000 1500000 2000000

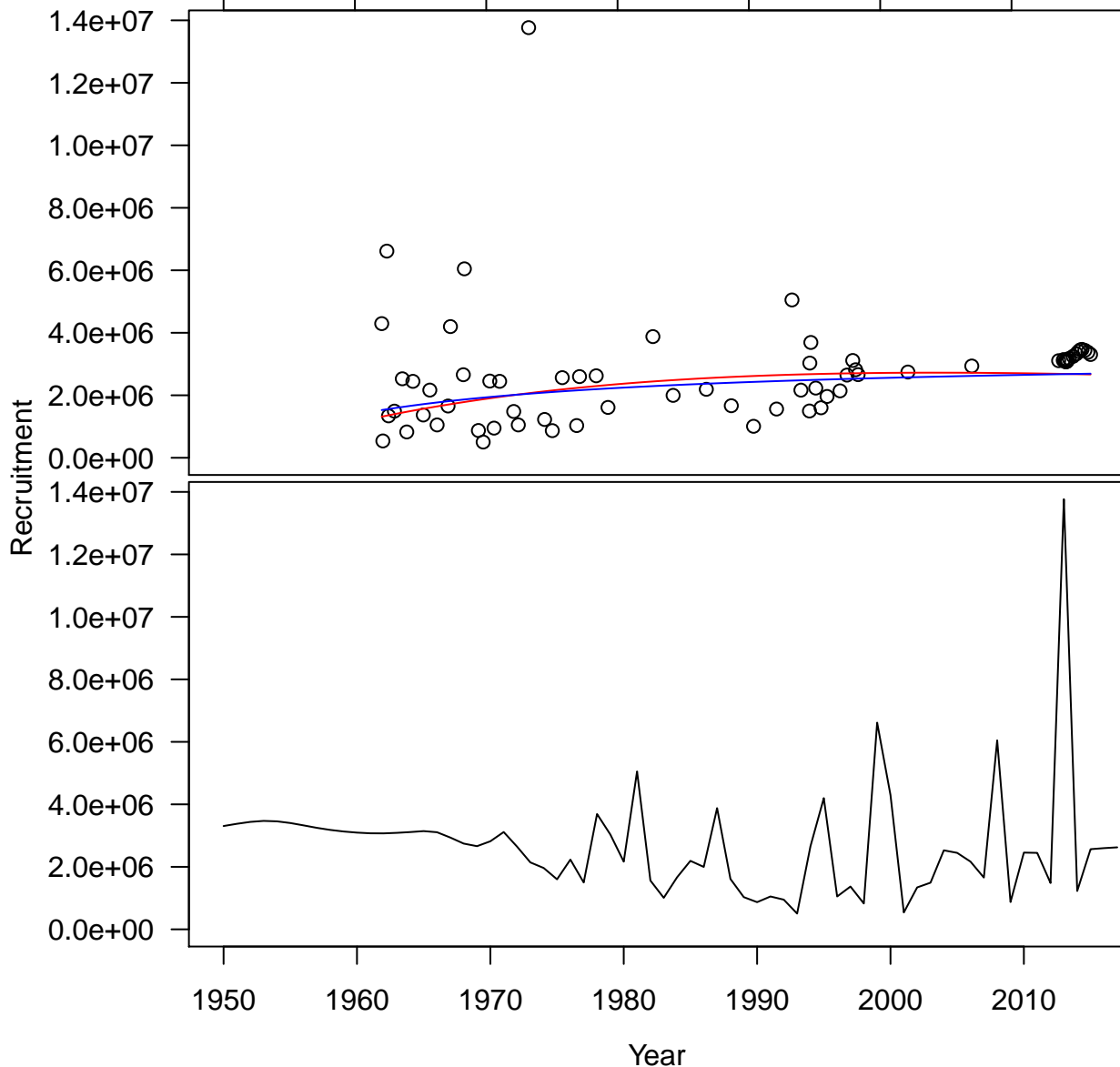


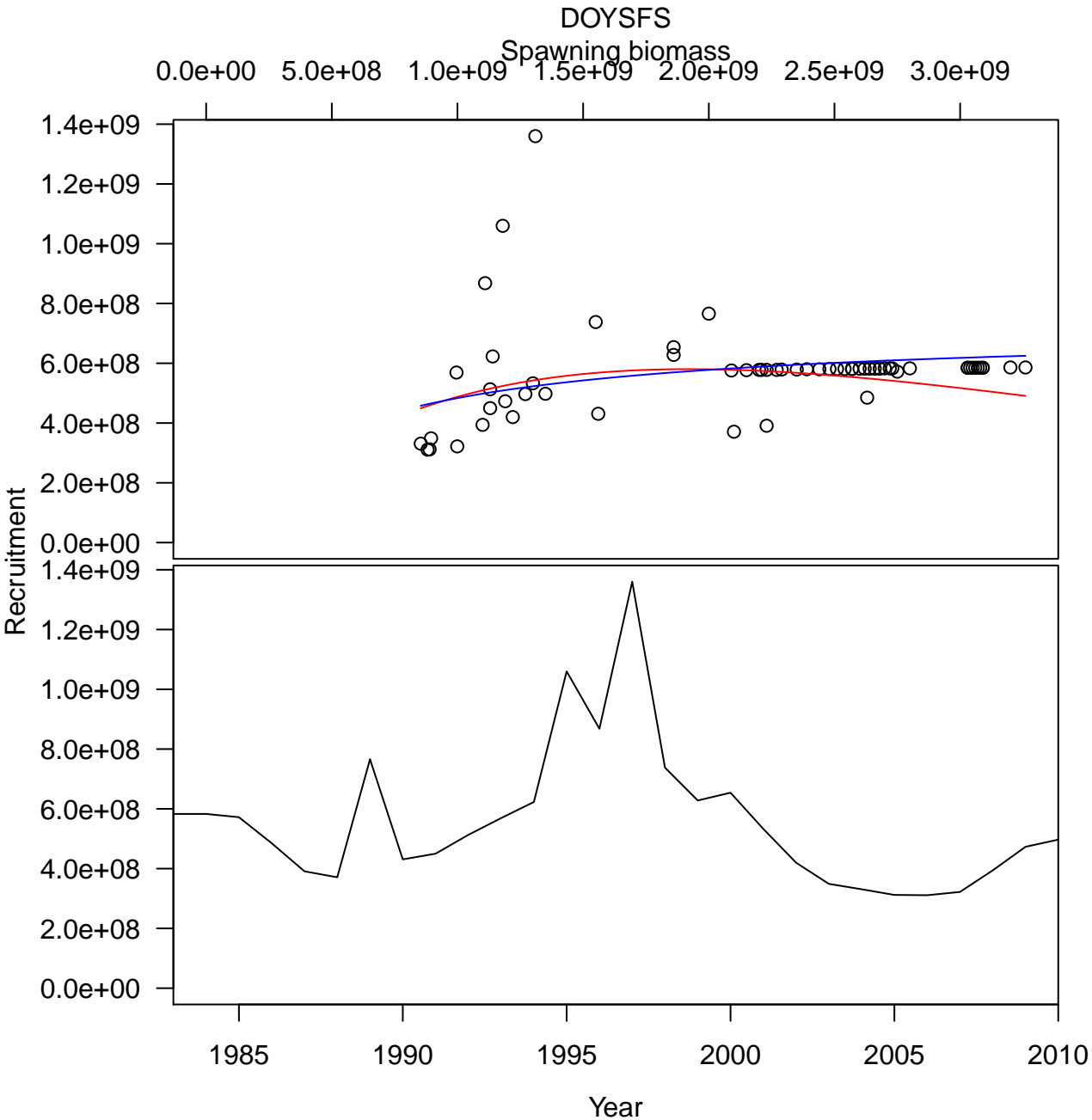


DKROCKPCOAST

Spawning biomass

0.0e+00 5.0e+08 1.0e+09 1.5e+09 2.0e+09 2.5e+09 3.0e+09





DSOLEGA

Spawning biomass

0 10000 20000 30000 40000 50000

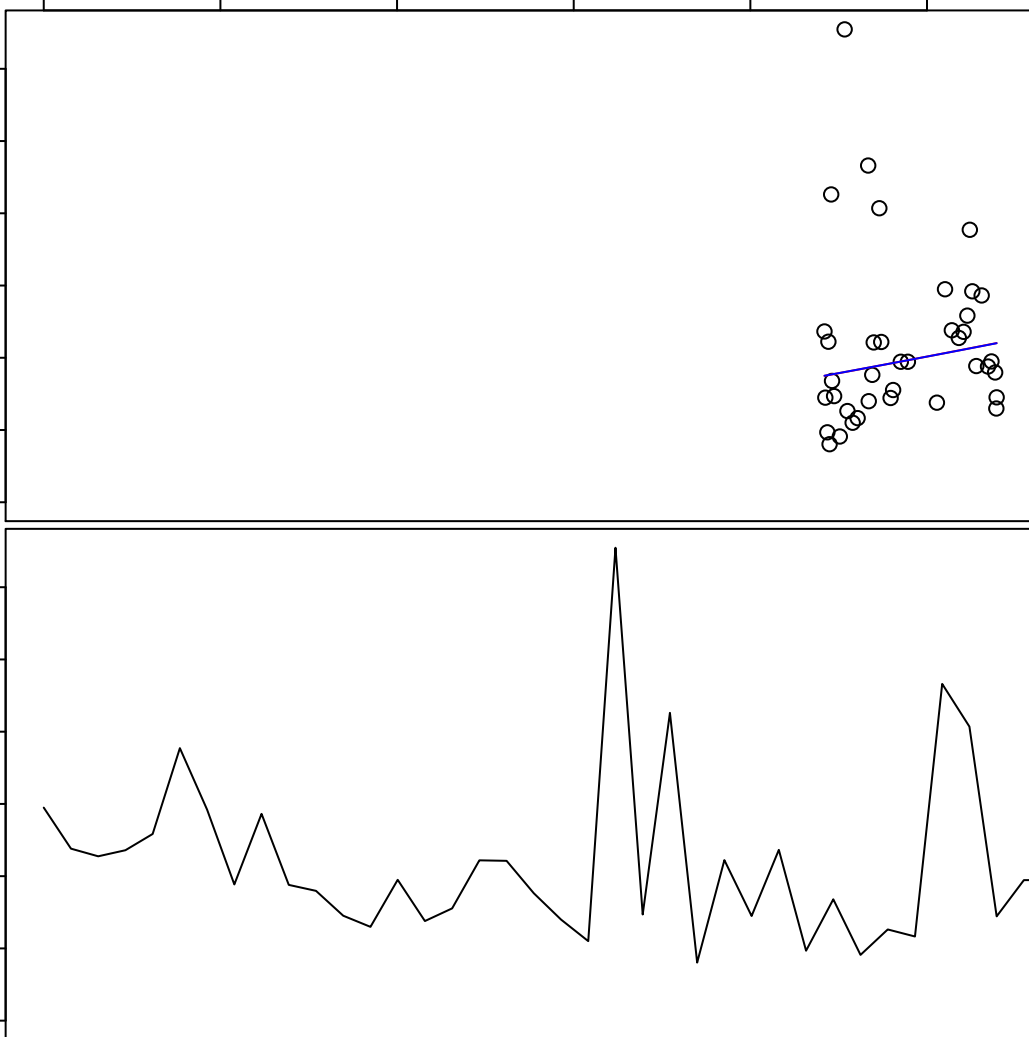
Recruitment

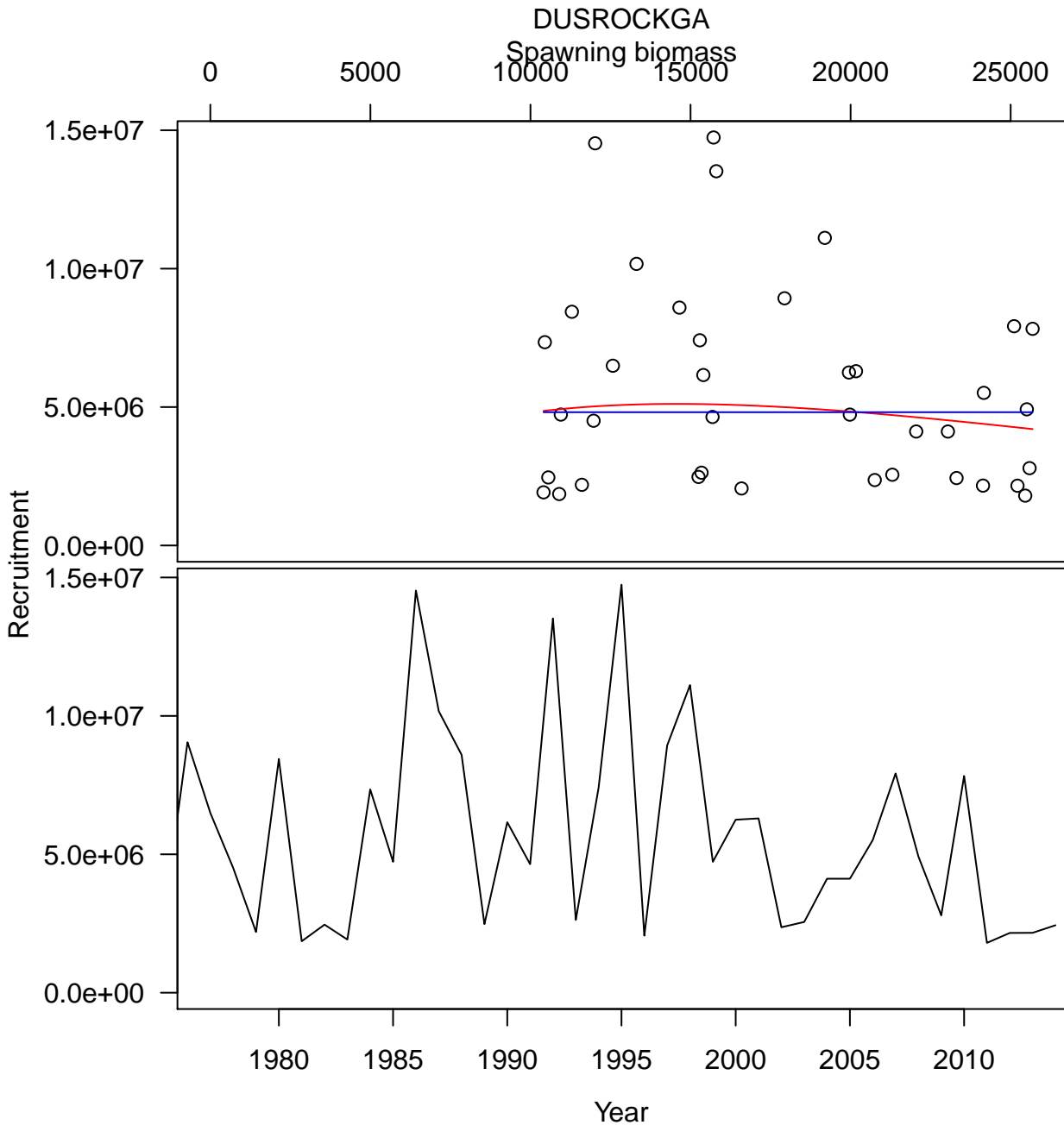
6e+07
5e+07
4e+07
3e+07
2e+07
1e+07
0e+00

6e+07
5e+07
4e+07
3e+07
2e+07
1e+07
0e+00

1980 1985 1990 1995 2000 2005 2010

Year





EBASSIVbc.VII

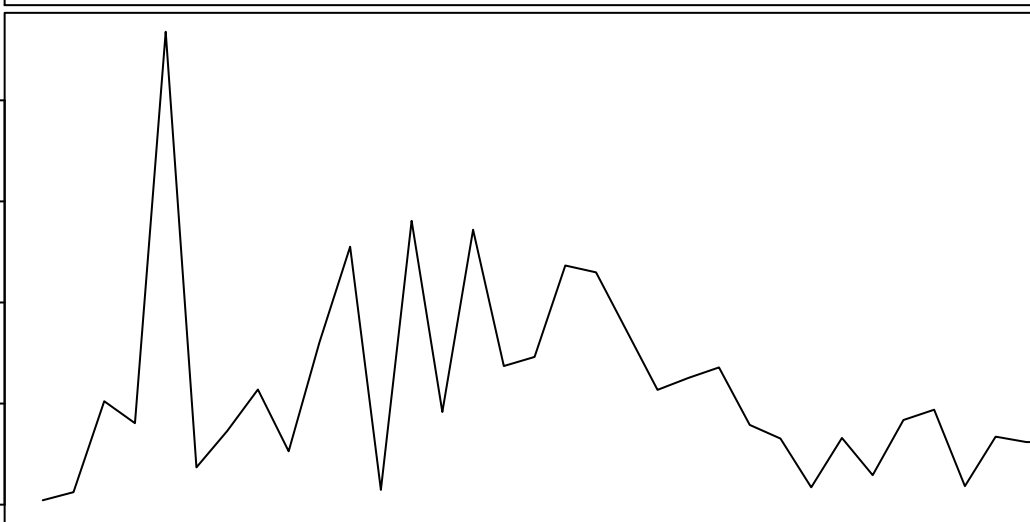
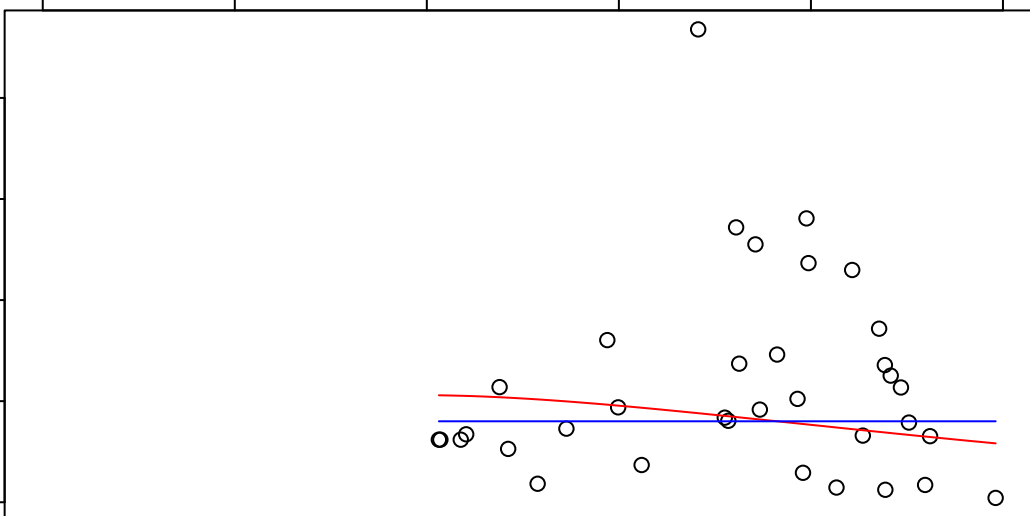
Spawning biomass

0 5000 10000 15000 20000 25000

Recruitment

8e+07
6e+07
4e+07
2e+07
0e+00

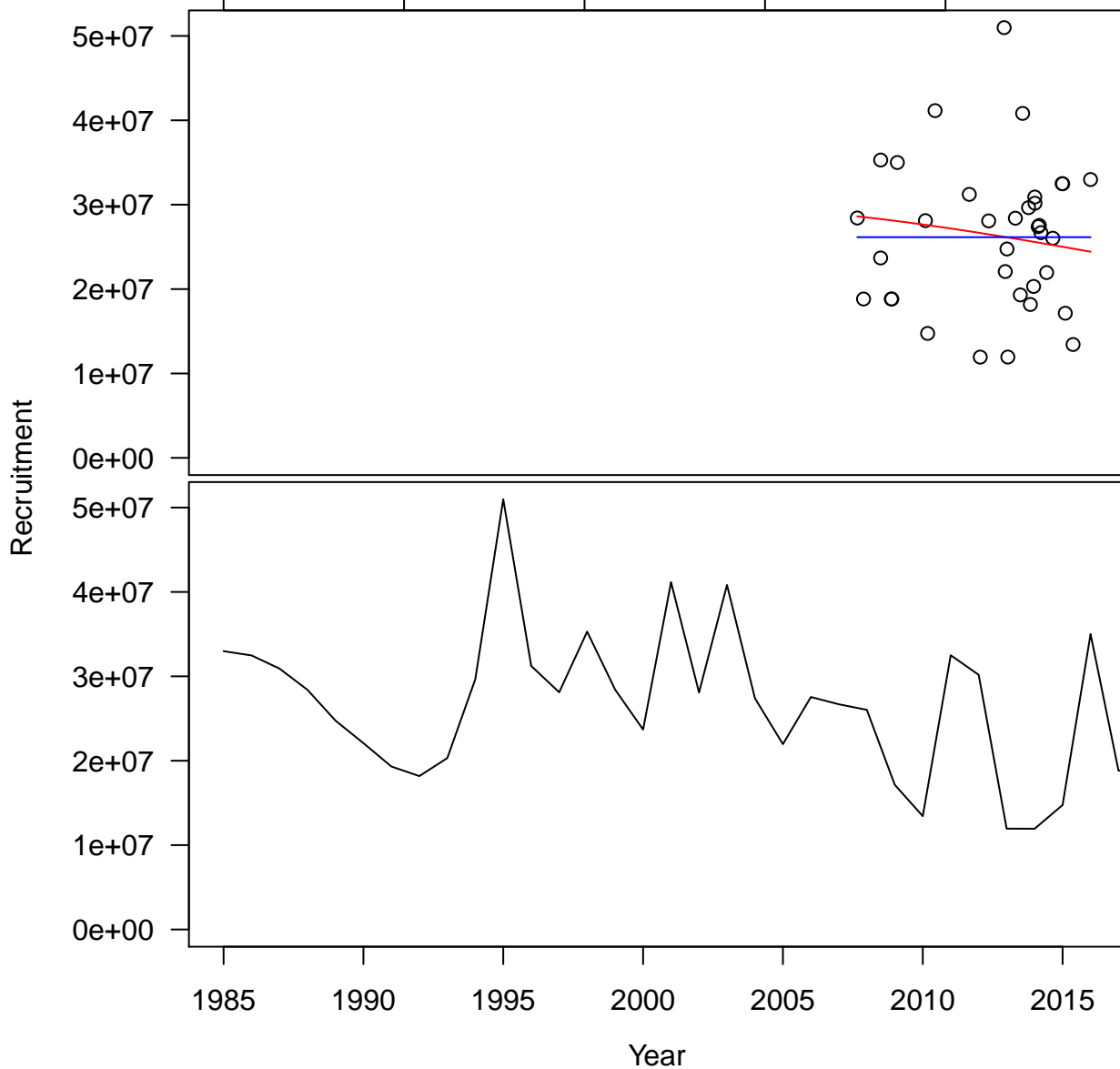
8e+07
6e+07
4e+07
2e+07
0e+00



Year

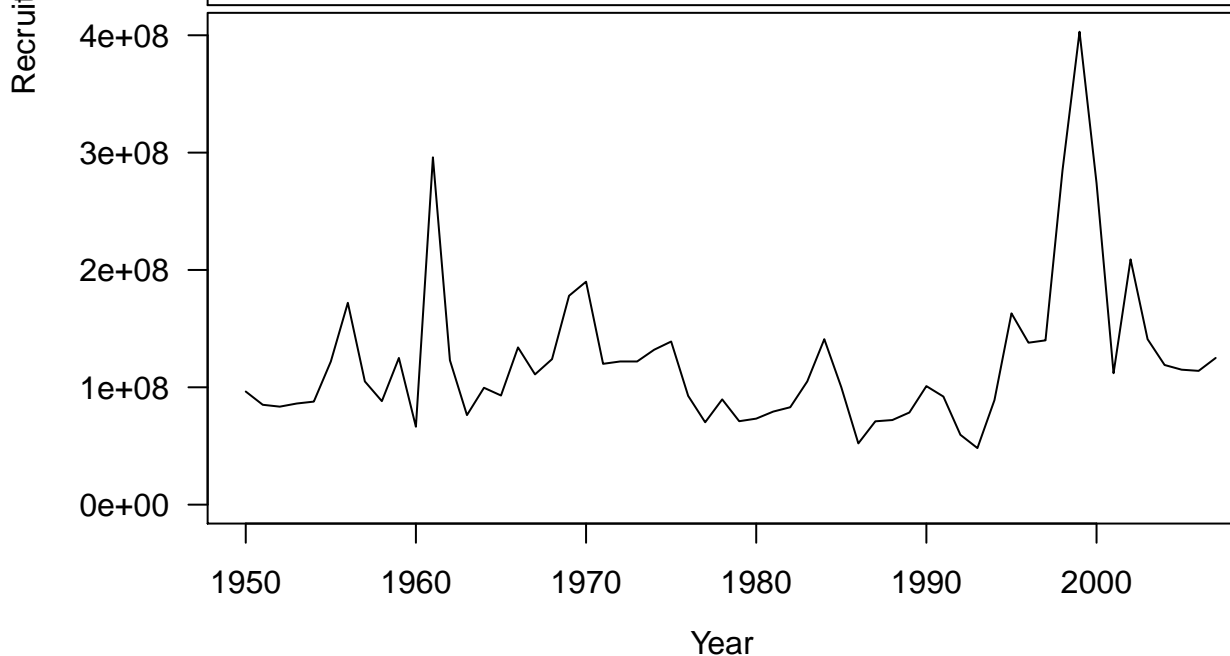
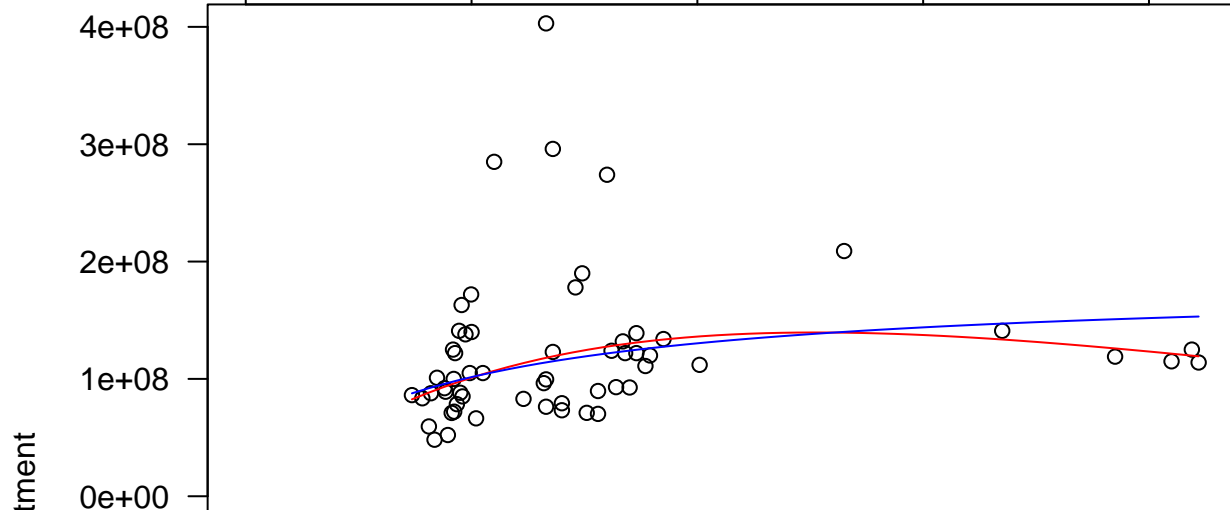
EBASSVllab
Spawning biomass

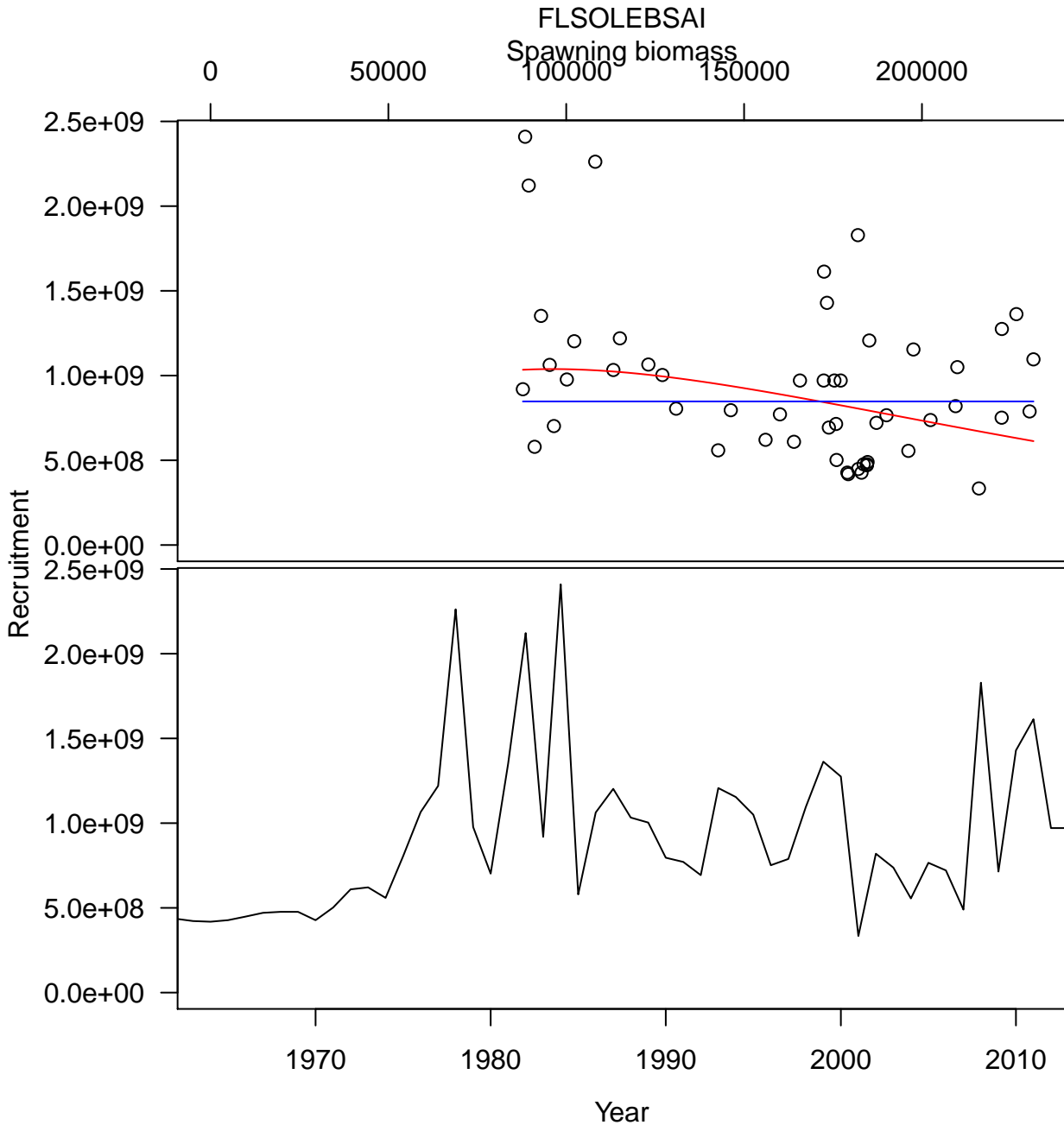
0 5000 10000 15000 20000

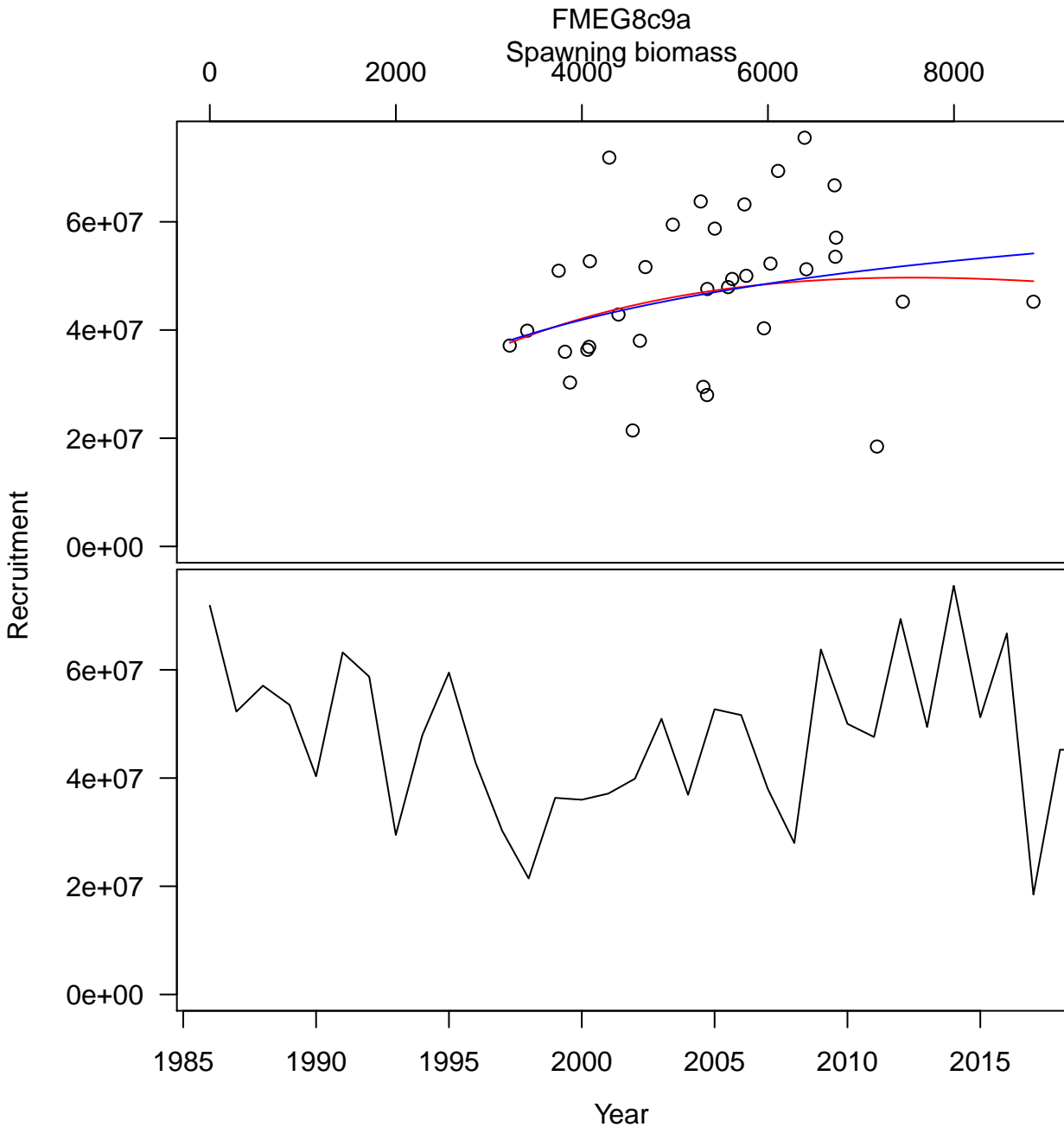


ESOLEPCOAST
Spawning biomass

0 10000 20000 30000 40000







GAGSATLC

Spawning biomass

0

1000

2000

3000

4000

8e+05

6e+05

4e+05

2e+05

0e+00

Recruitment

8e+05

6e+05

4e+05

2e+05

0e+00

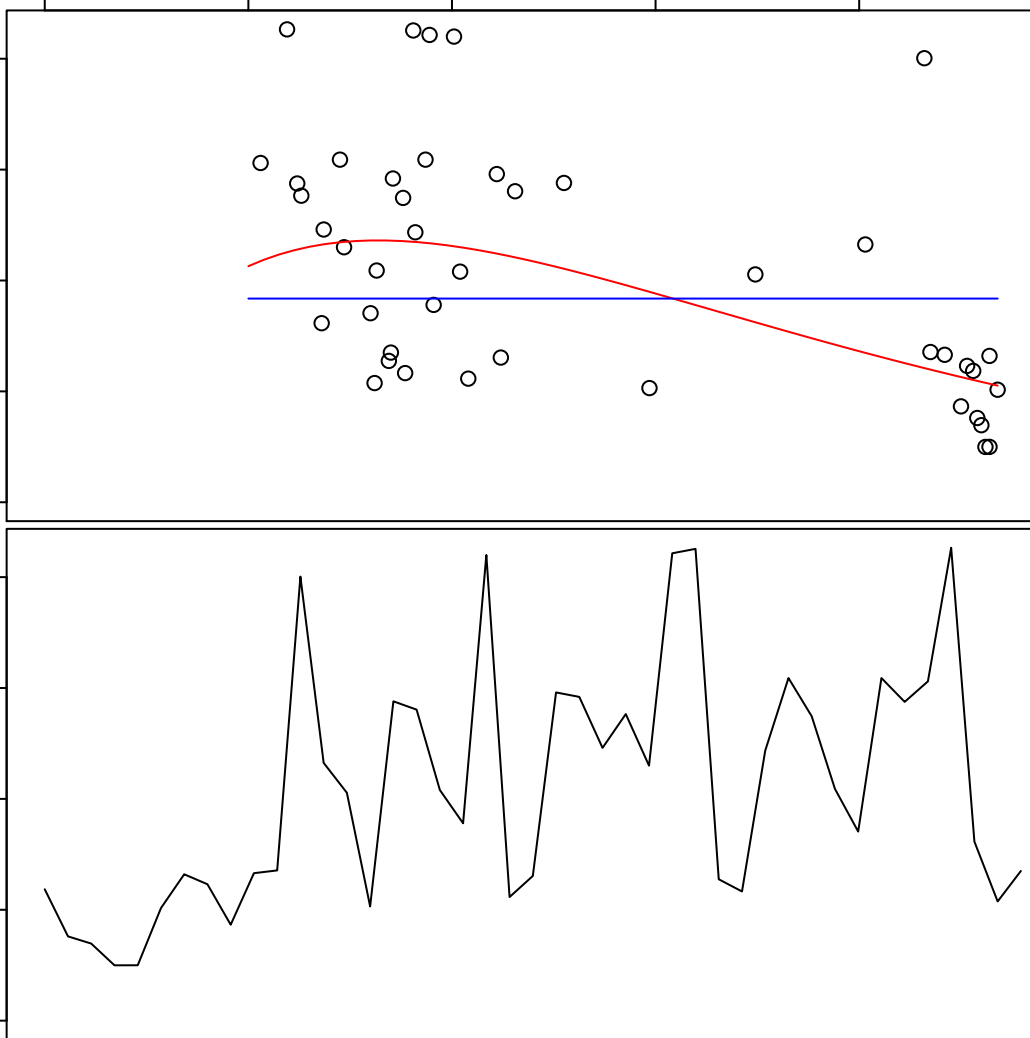
1970

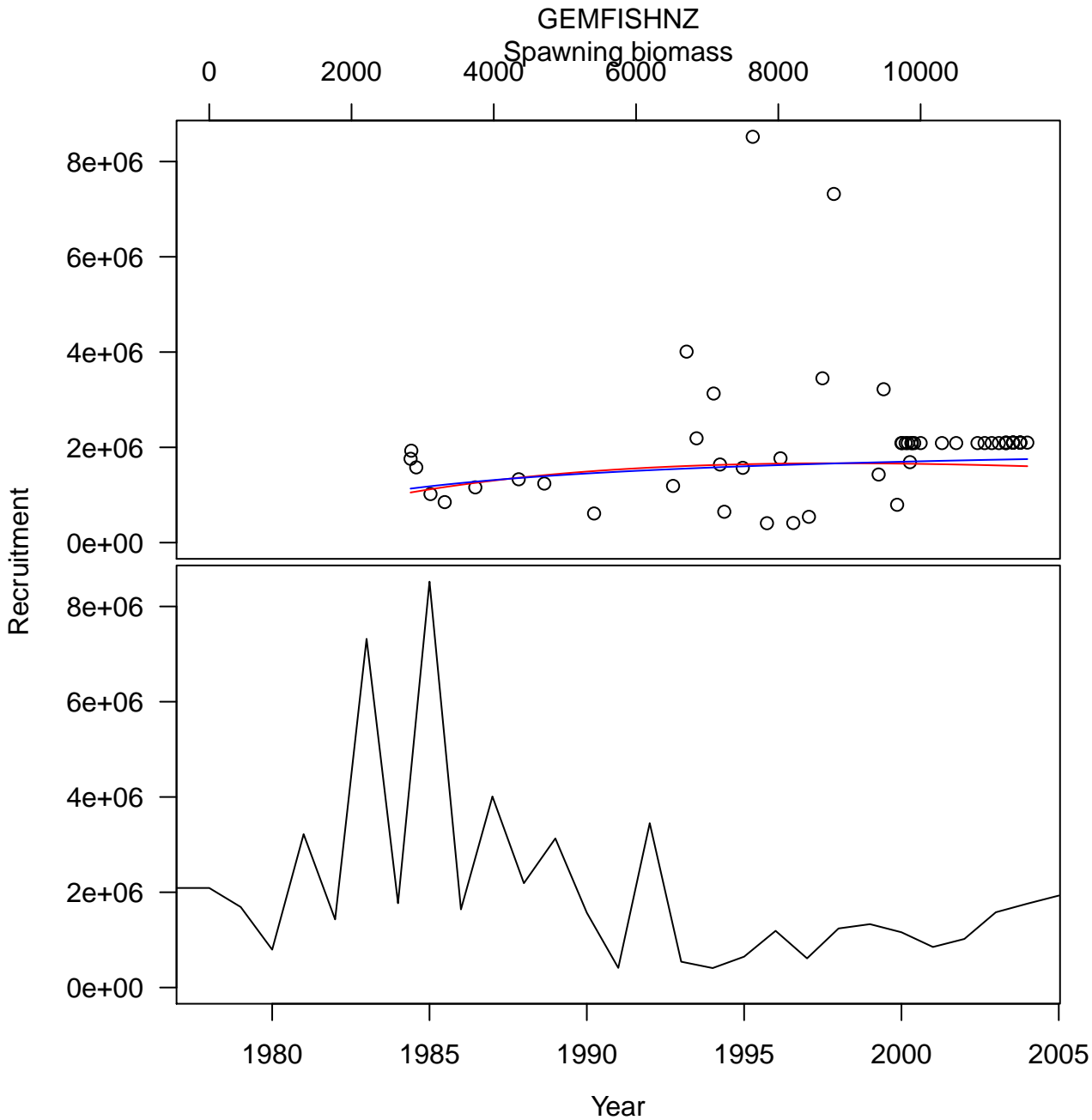
1980

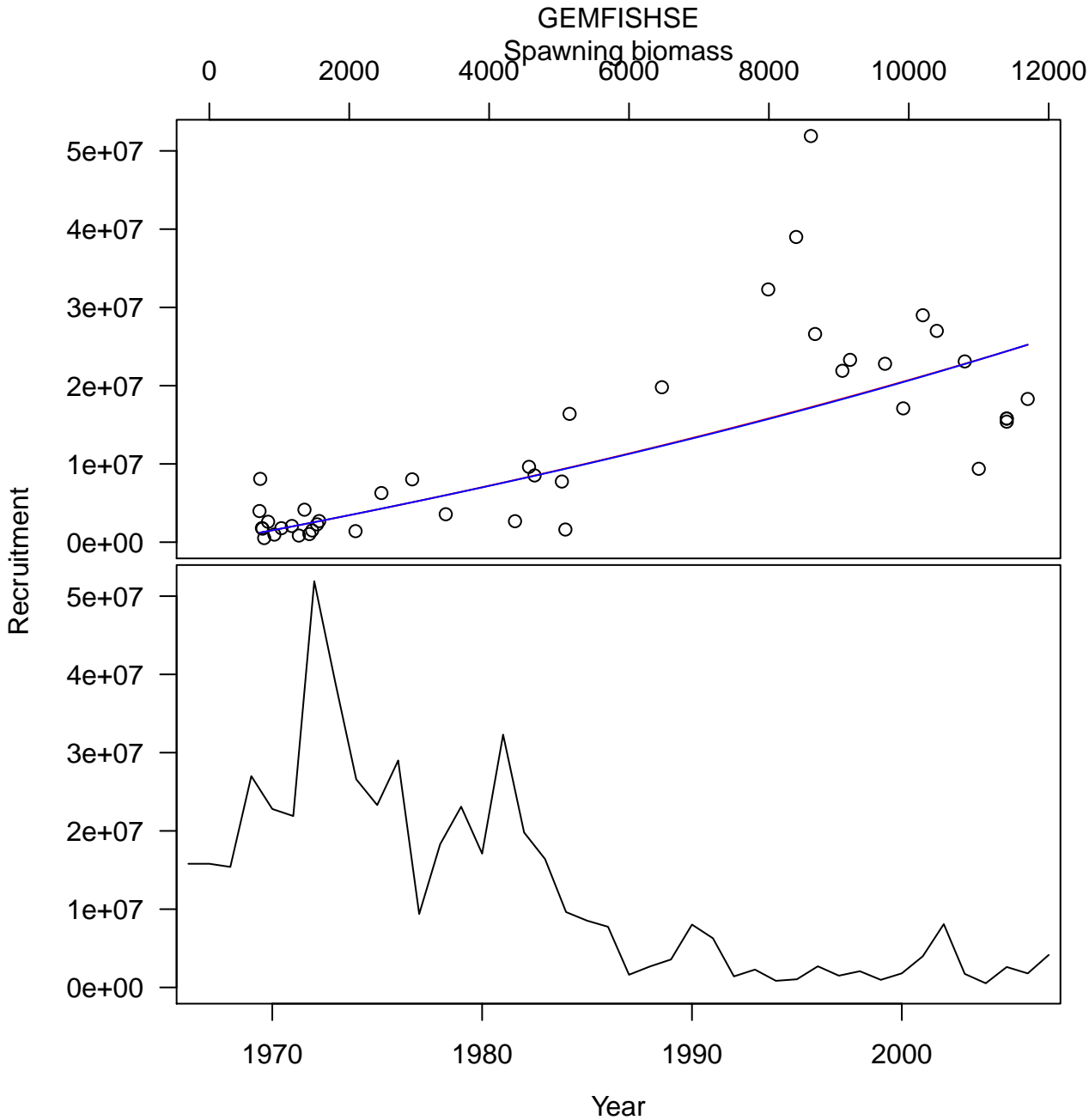
1990

2000

Year







GHALBSAI

Spawning biomass

0 50000 100000 150000 200000 250000 300000

Recruitment

5e+08

4e+08

3e+08

2e+08

1e+08

0e+00

5e+08

4e+08

3e+08

2e+08

1e+08

0e+00

1950

1960

1970

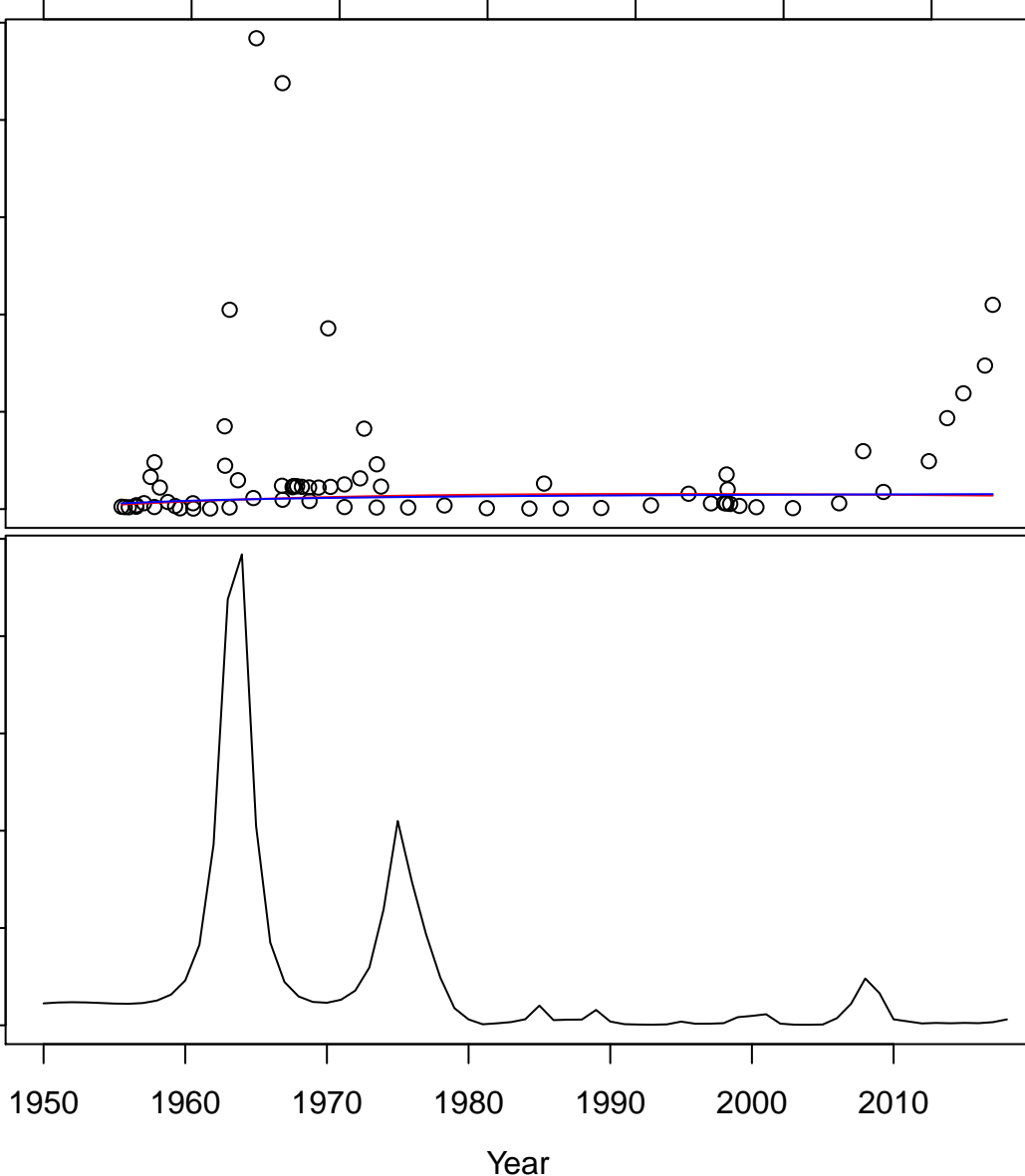
1980

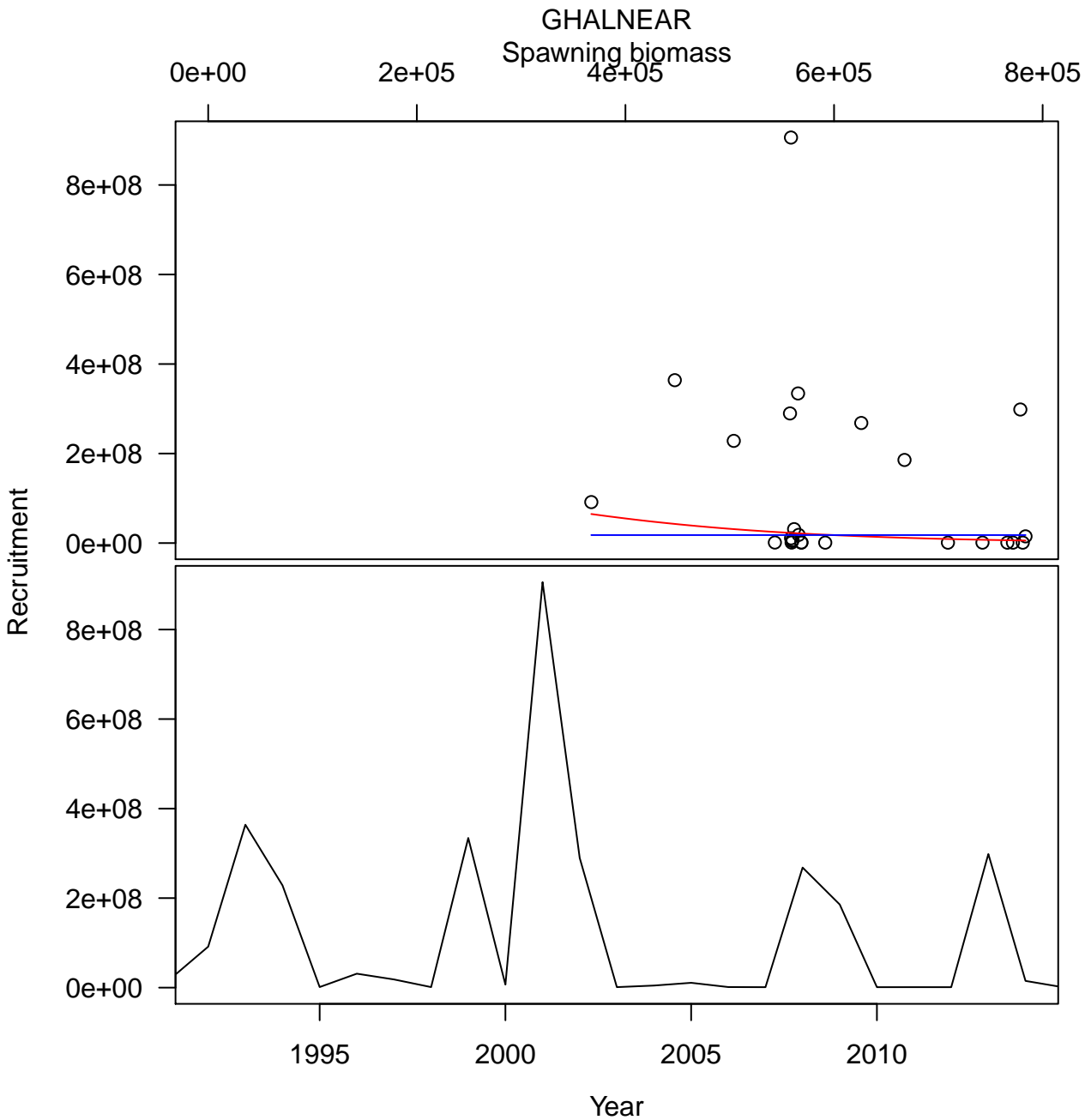
1990

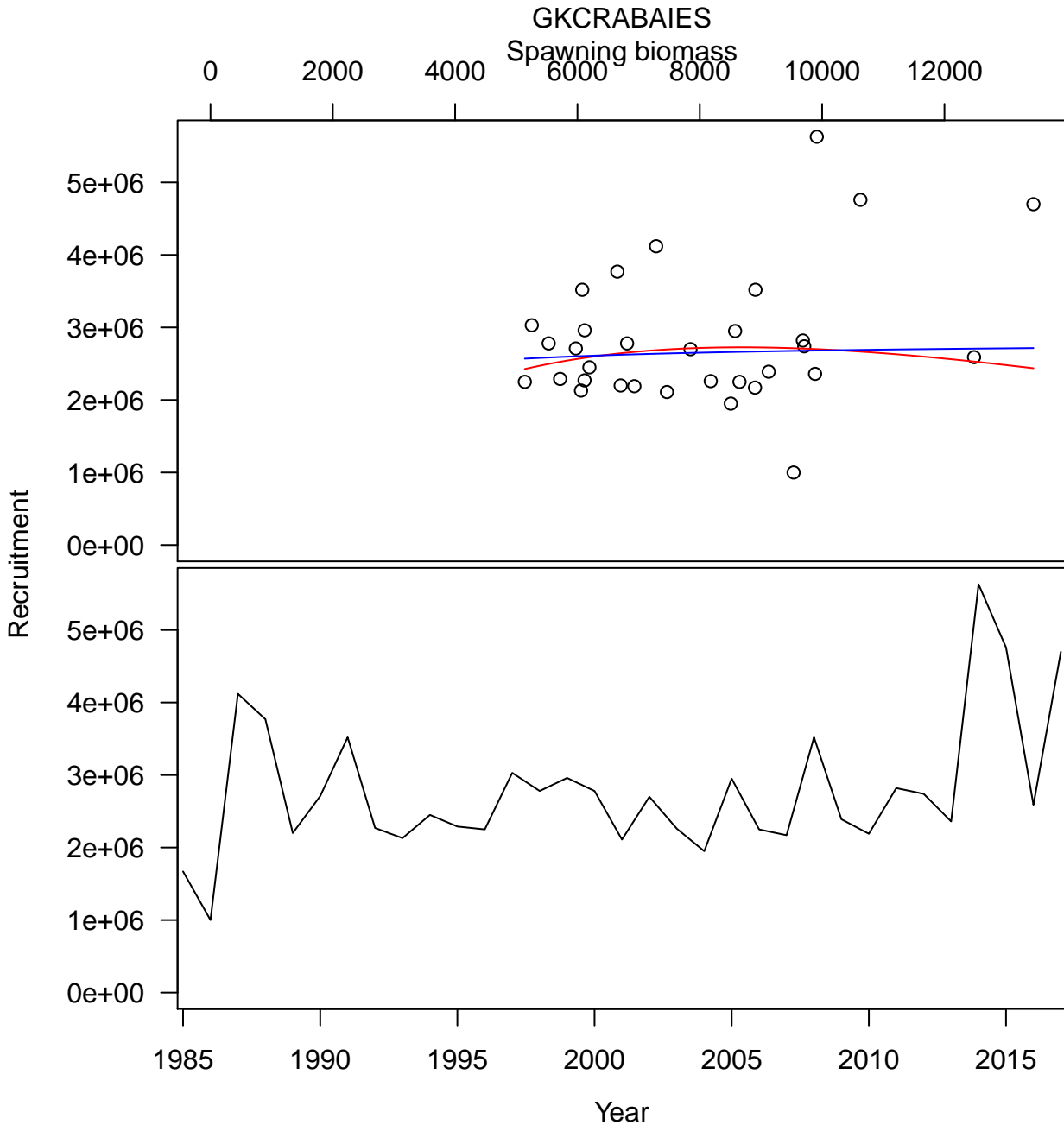
2000

2010

Year







GOLDREDNEAR

Spawning biomass

0 10000 20000 30000 40000 50000 60000

2000000

1500000

1000000

500000

0

Recruitment

2000000

1500000

1000000

500000

0

1990

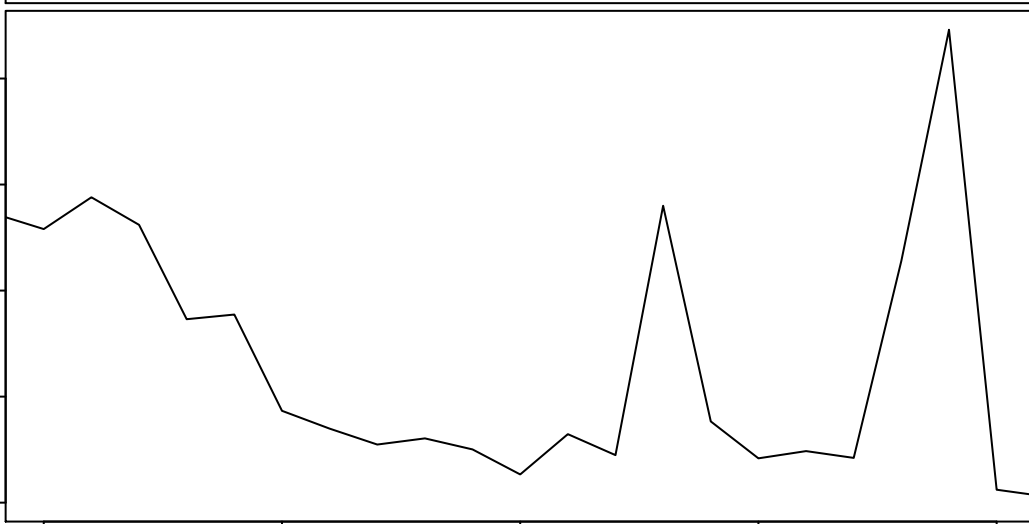
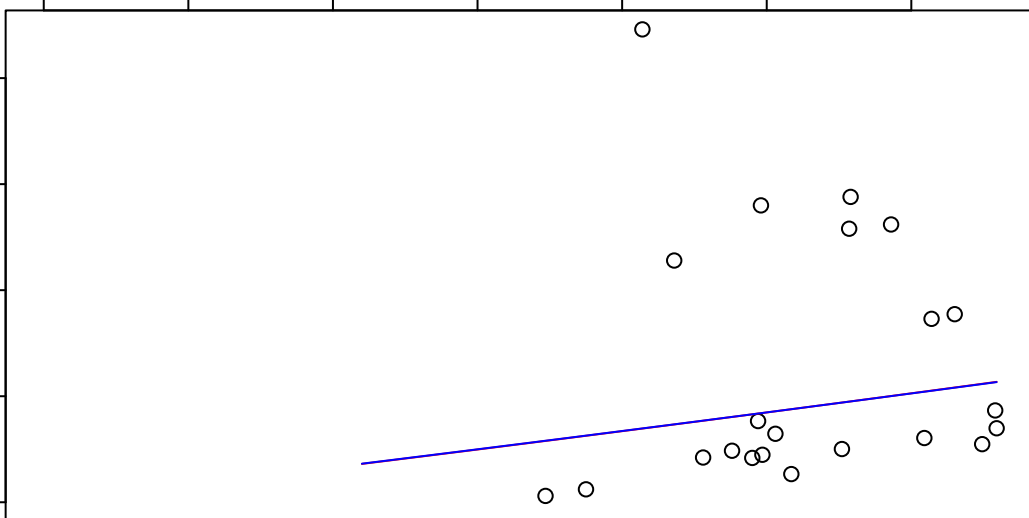
1995

2000

2005

2010

Year



GOLDREDV.VI.XII.XIV

Spawning biomass

0e+00

1e+05

2e+05

3e+05

4e+05

4e+08

3e+08

2e+08

1e+08

0e+00

Recruitment

4e+08

3e+08

2e+08

1e+08

0e+00

1975

1980

1985

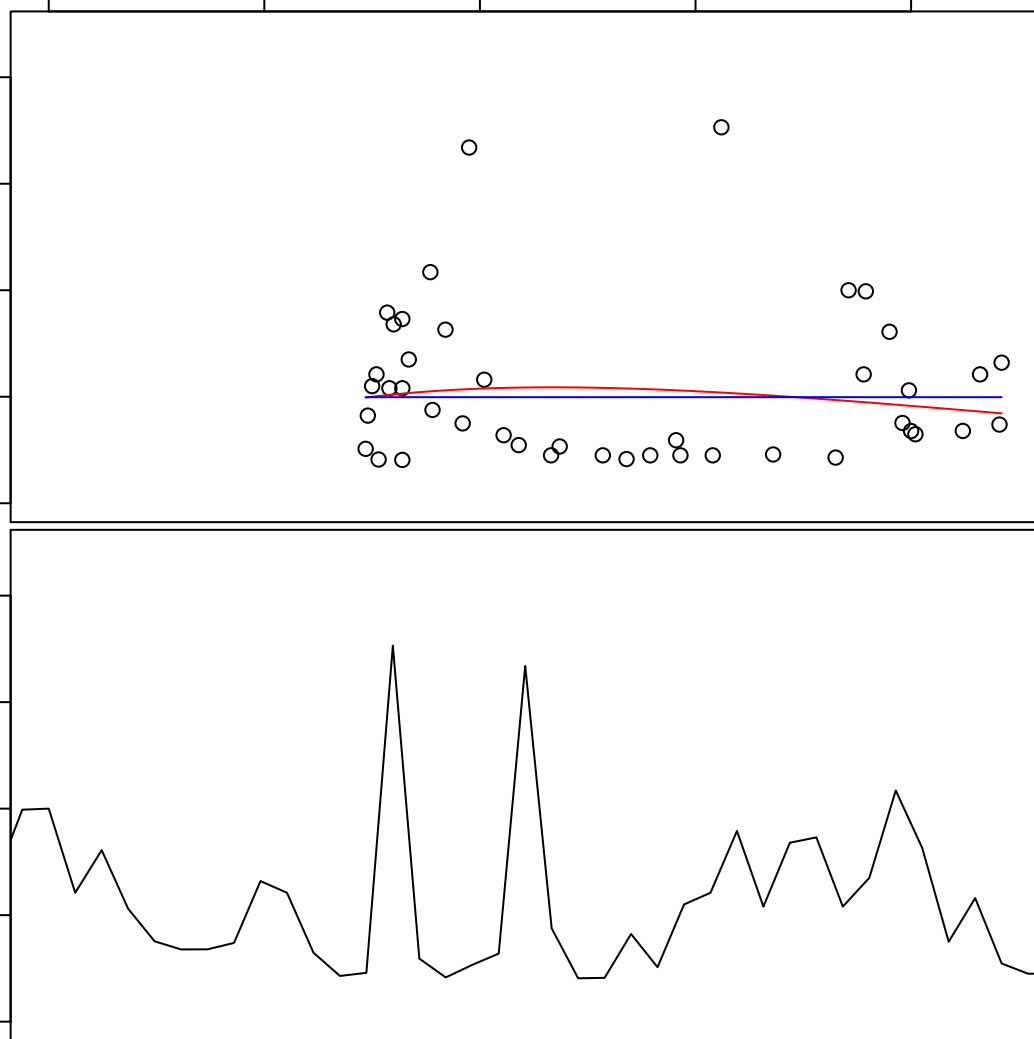
1990

1995

2000

2005

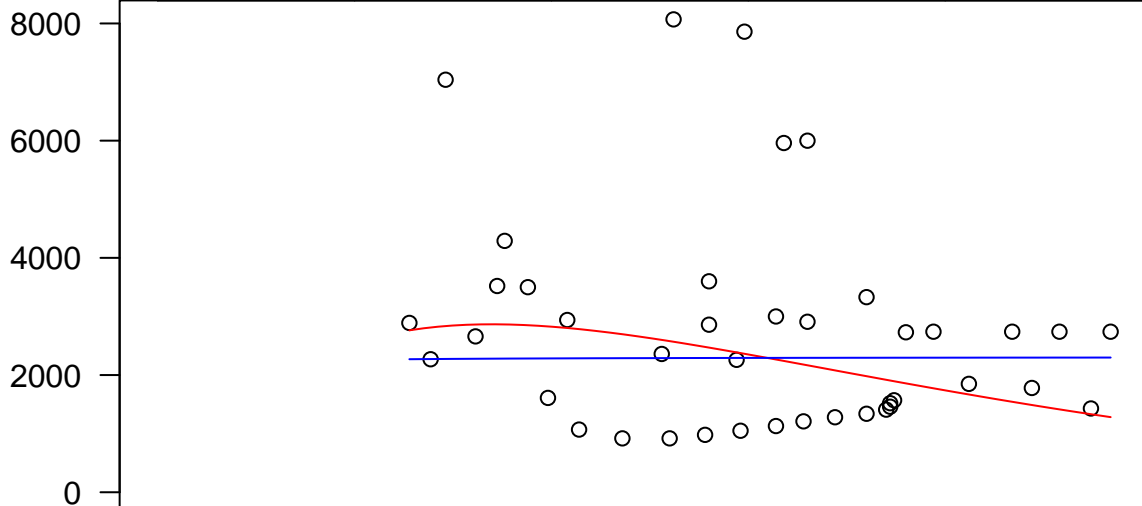
Year



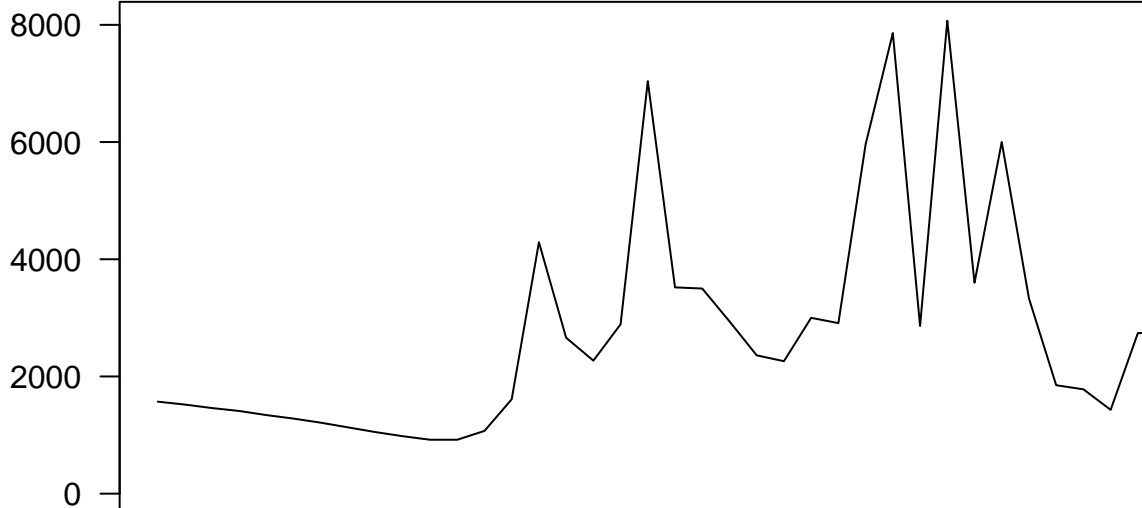
GOPHERSPCOAST

Spawning biomass

0 500 1000 1500 2000 2500



Recruitment



Year

1965 1970 1975 1980 1985 1990 1995 2000

GRAMBERGM

Spawning biomass

0

5000

10000

15000

3e+06

2e+06

1e+06

0e+00

Recruitment

3e+06

2e+06

1e+06

0e+00

1970

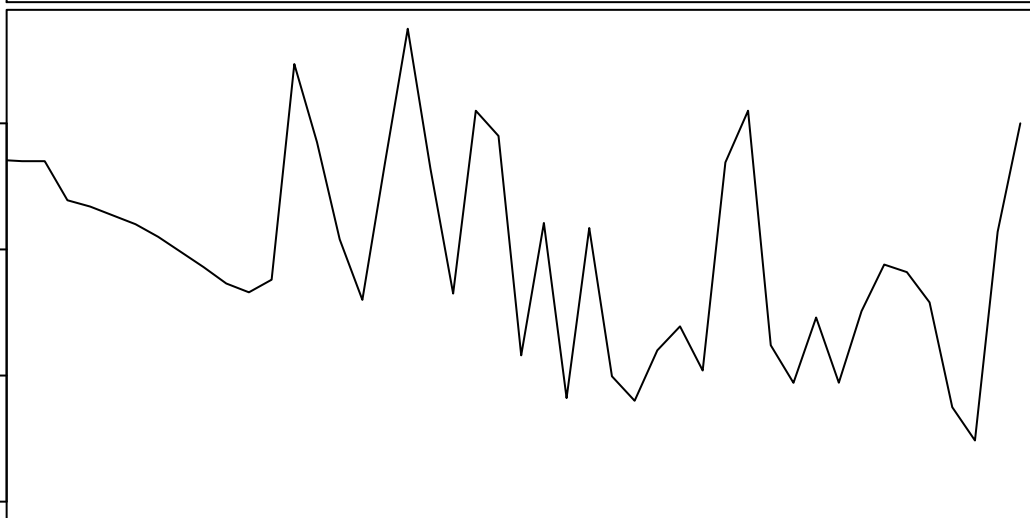
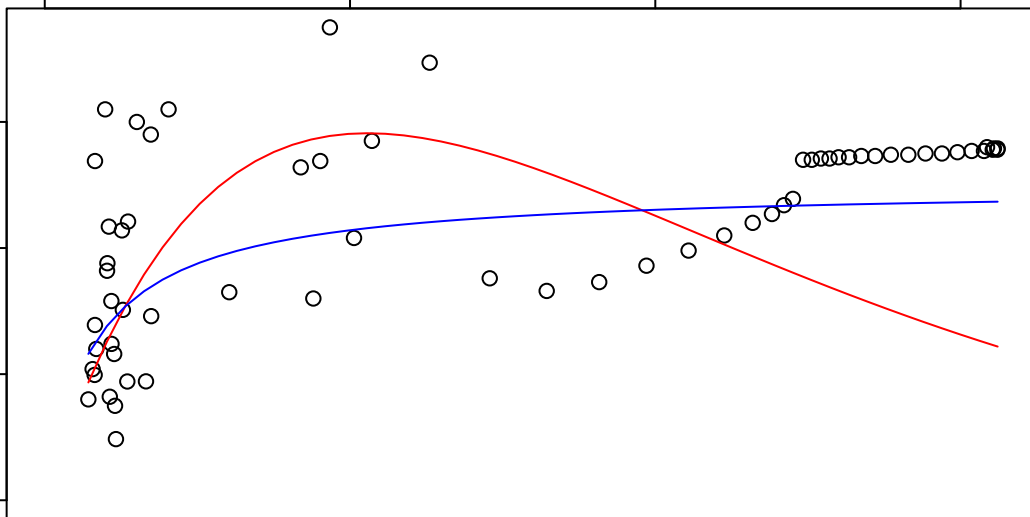
1980

1990

2000

2010

Year



GRAMBERSATLC

Spawning biomass

0 1000 2000 3000 4000 5000 6000

1e+06

8e+05

6e+05

4e+05

2e+05

0e+00

Recruitment

1e+06

8e+05

6e+05

4e+05

2e+05

0e+00

1980

1985

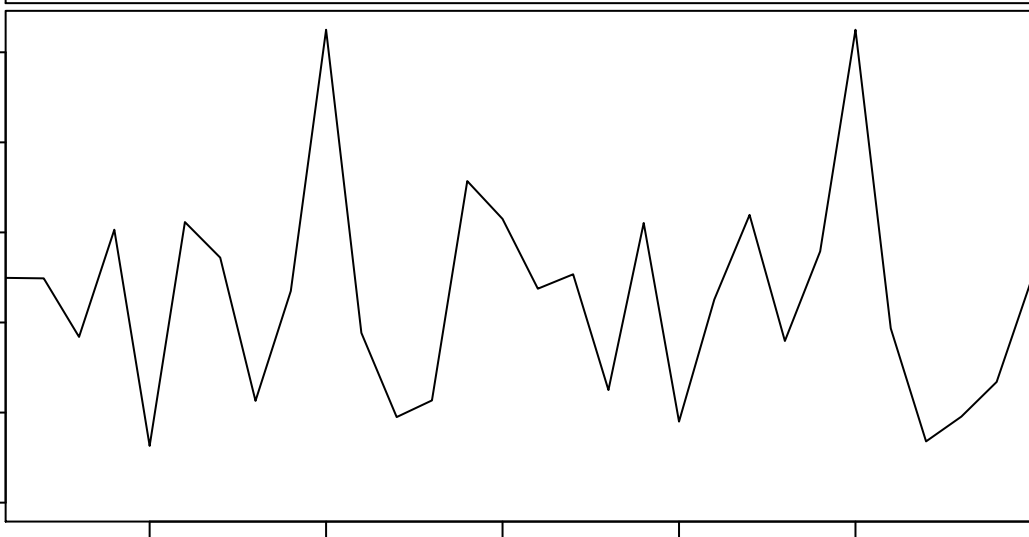
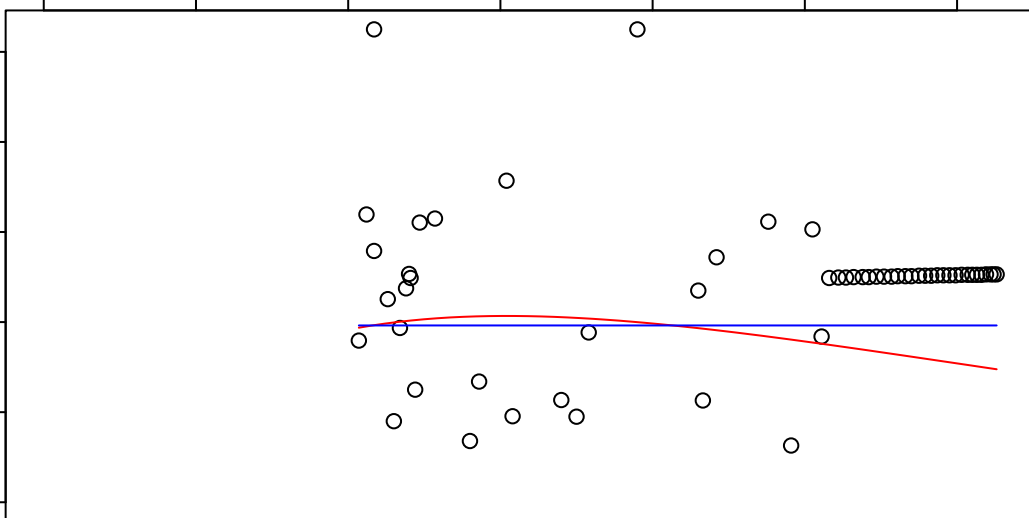
1990

1995

2000

2005

Year



GRNSTROCKPCOAST

Spawning biomass

0e+00

1e+09

2e+09

3e+09

4e+09

5e+09

6e+09

7e+09

60000

50000

40000

30000

20000

10000

0

Recruitment

60000

50000

40000

30000

20000

10000

0

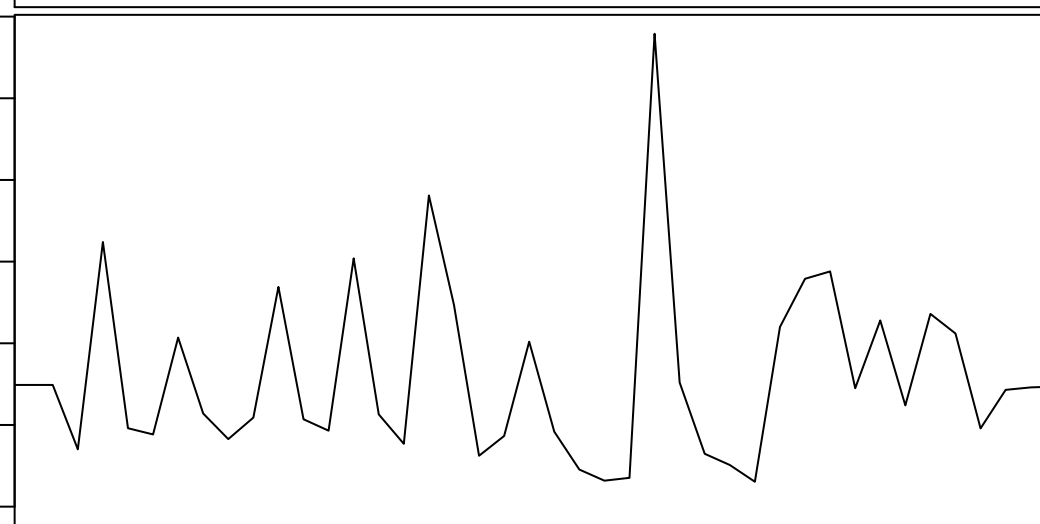
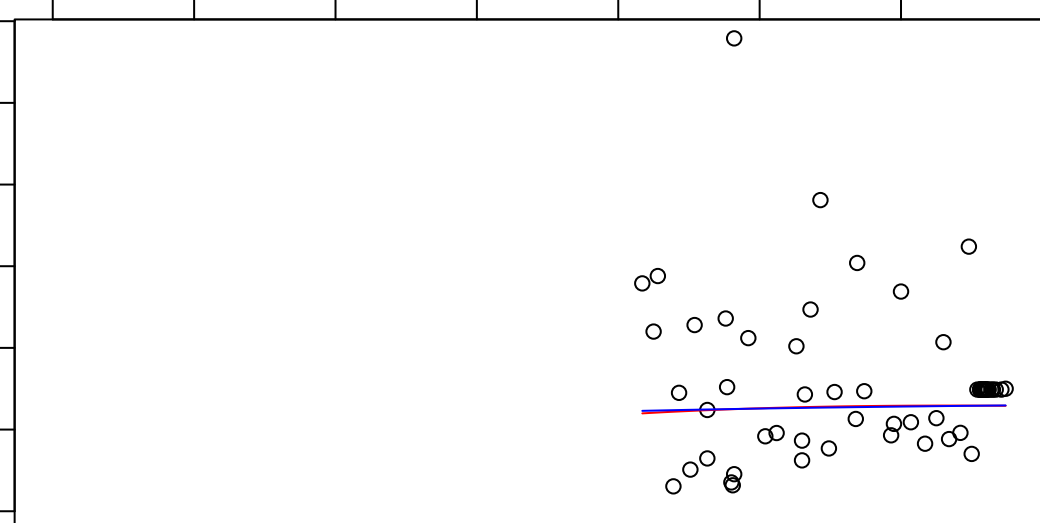
1970

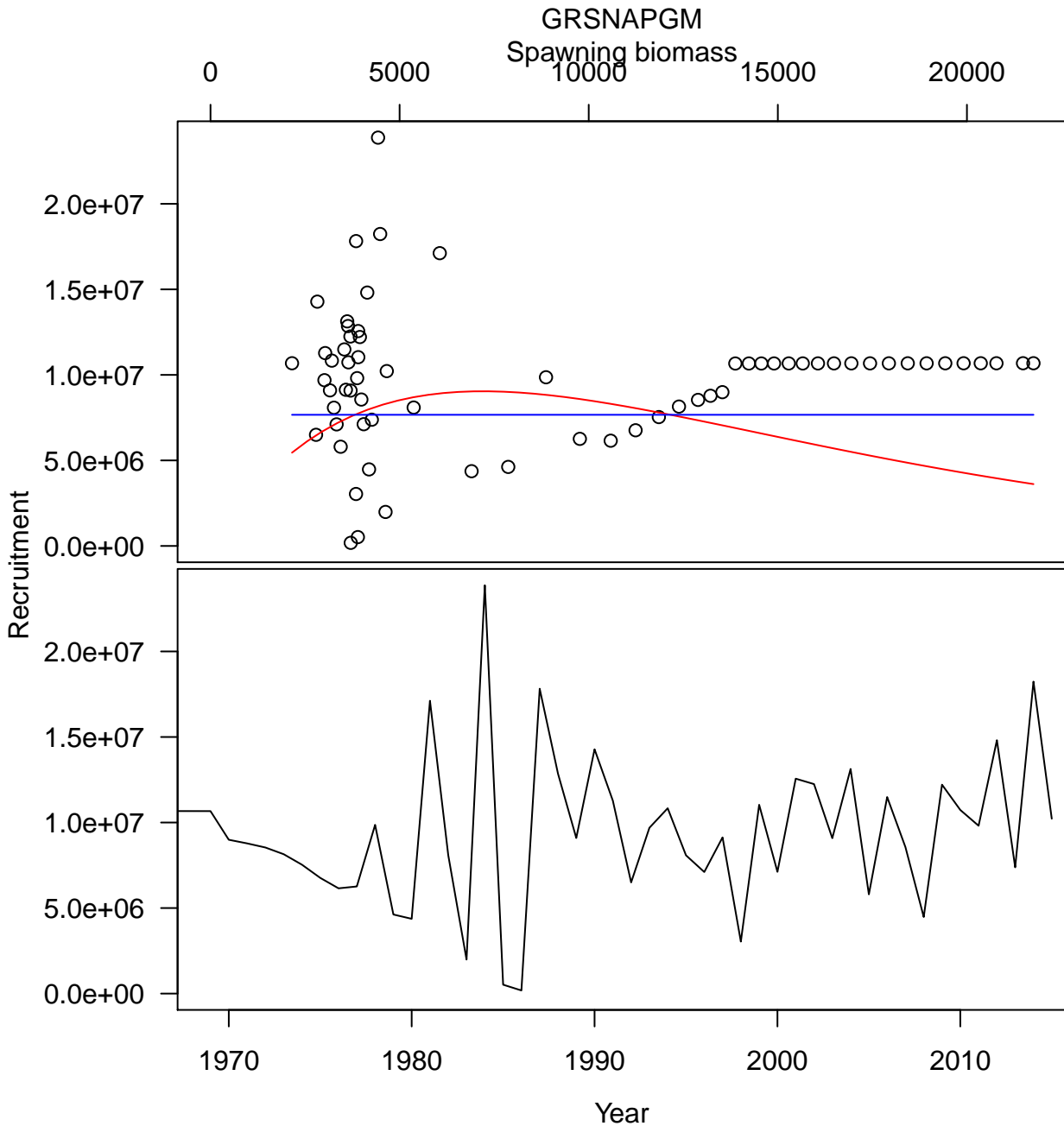
1980

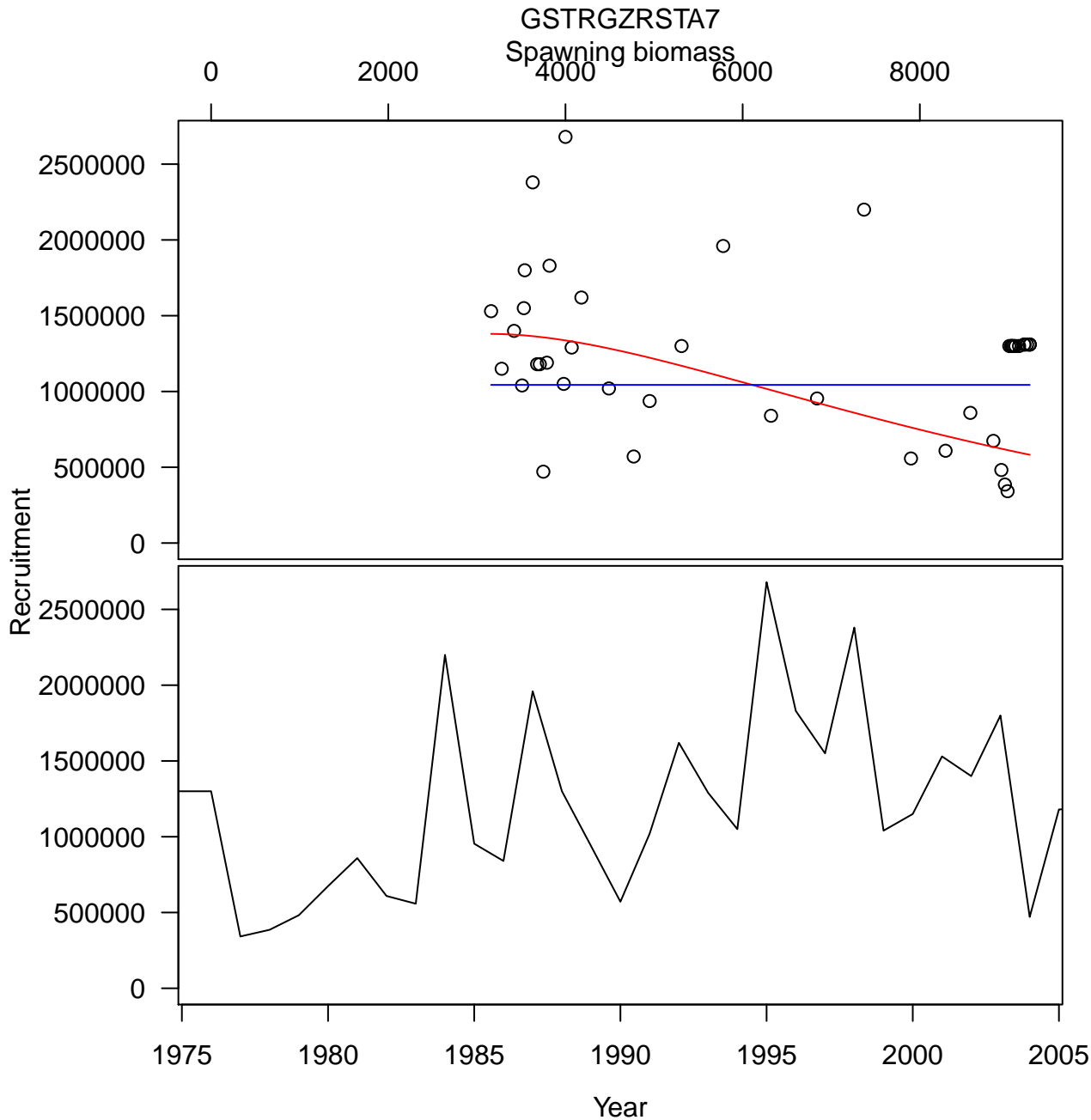
1990

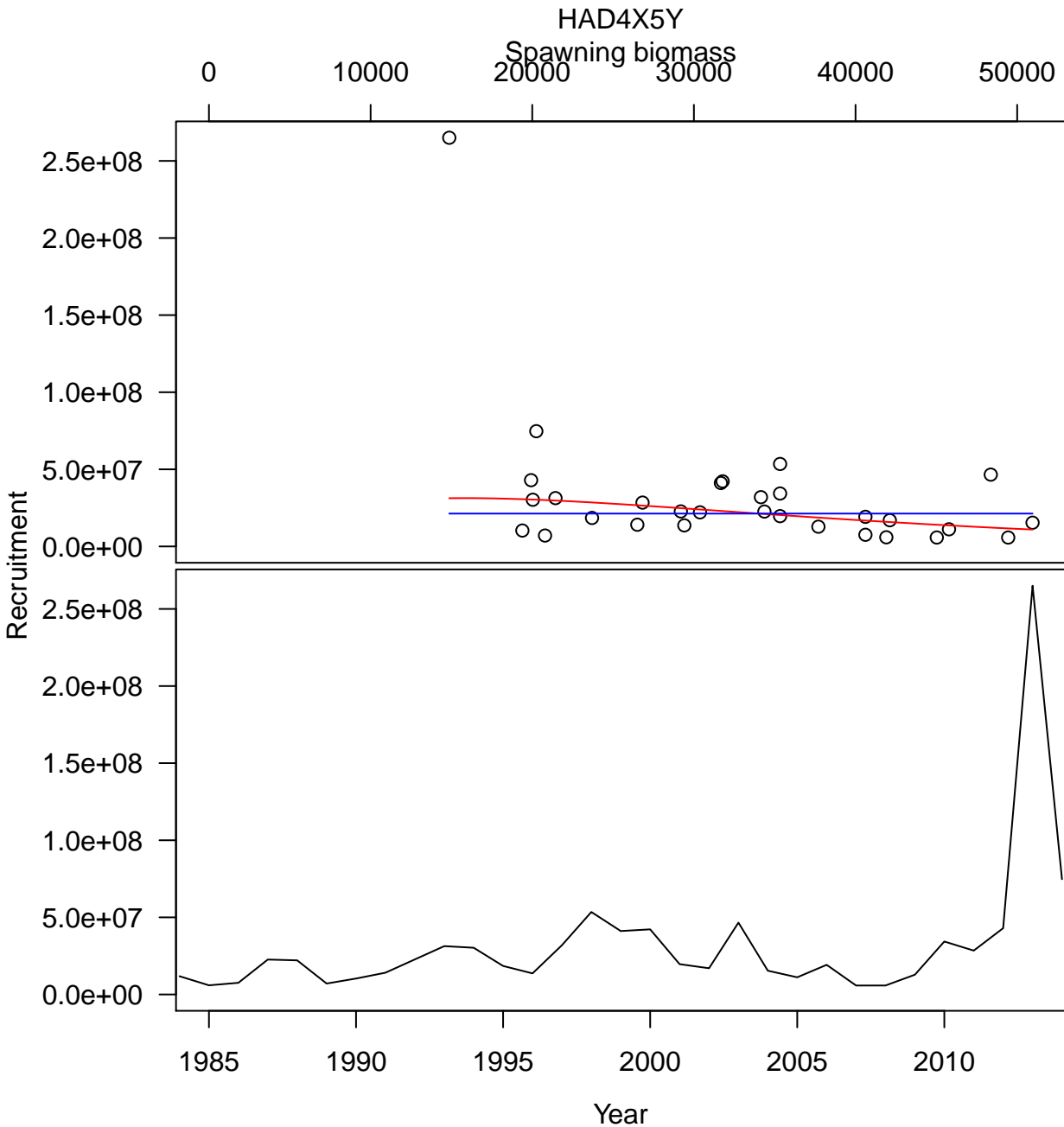
2000

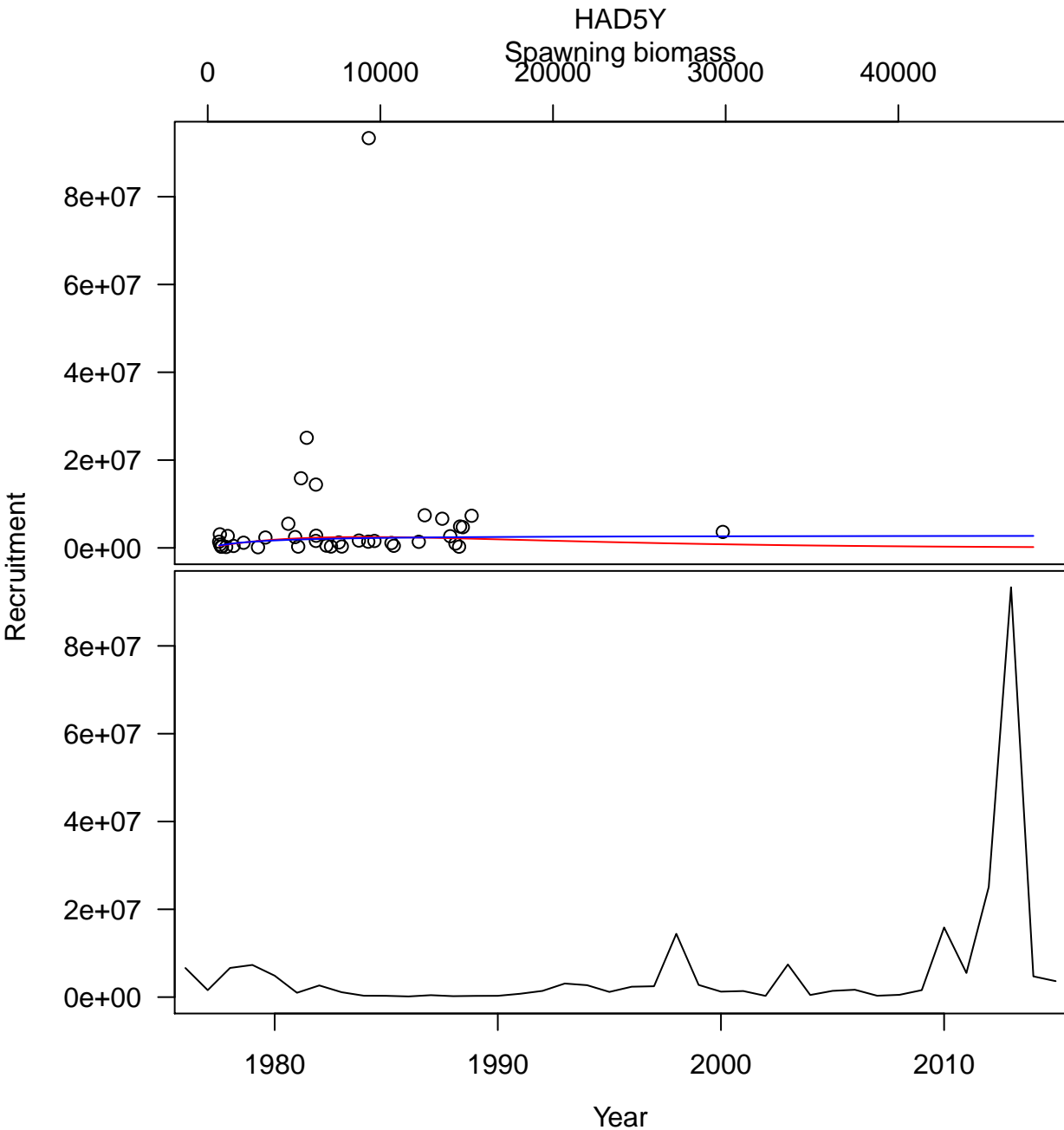
Year

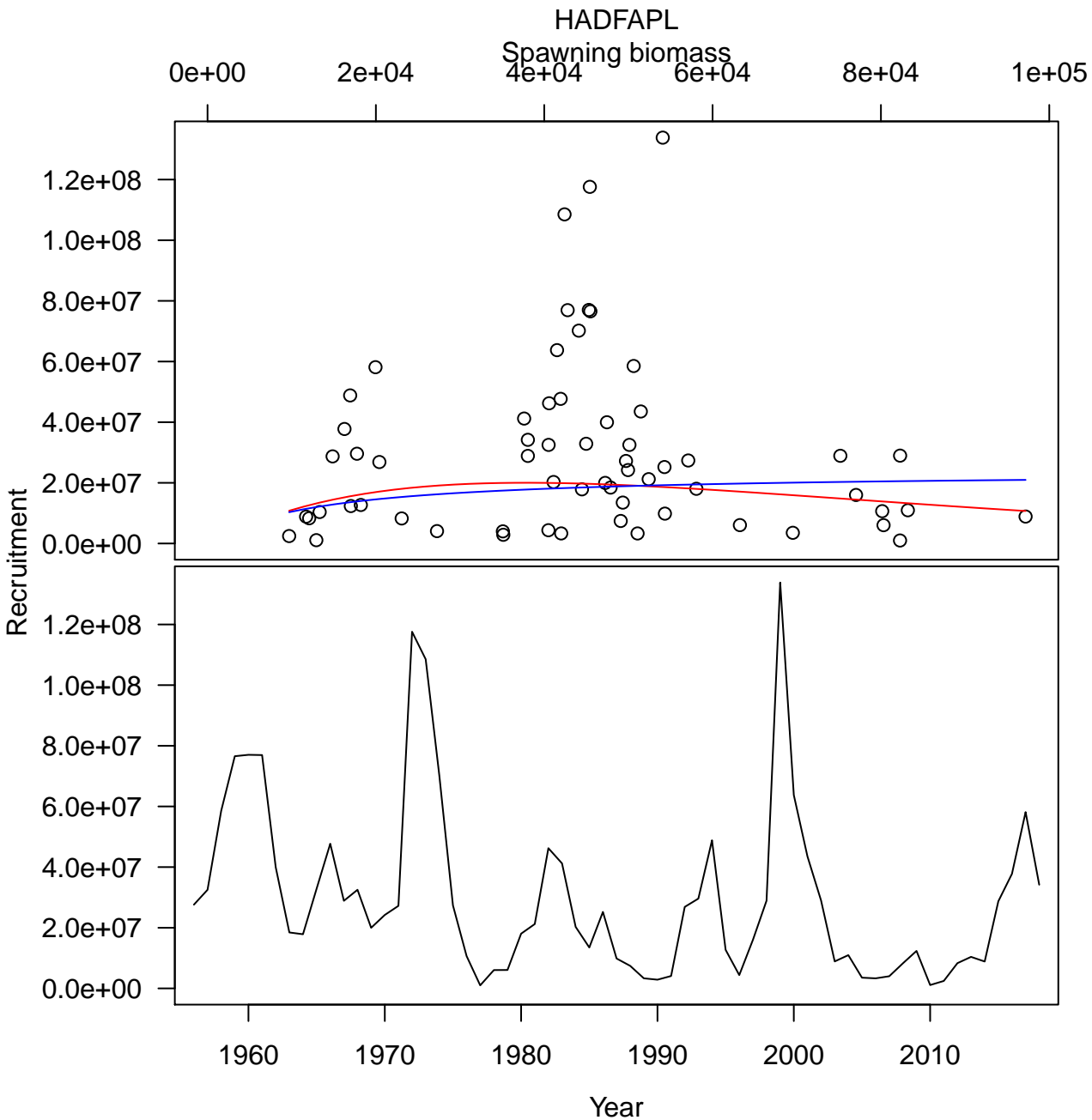


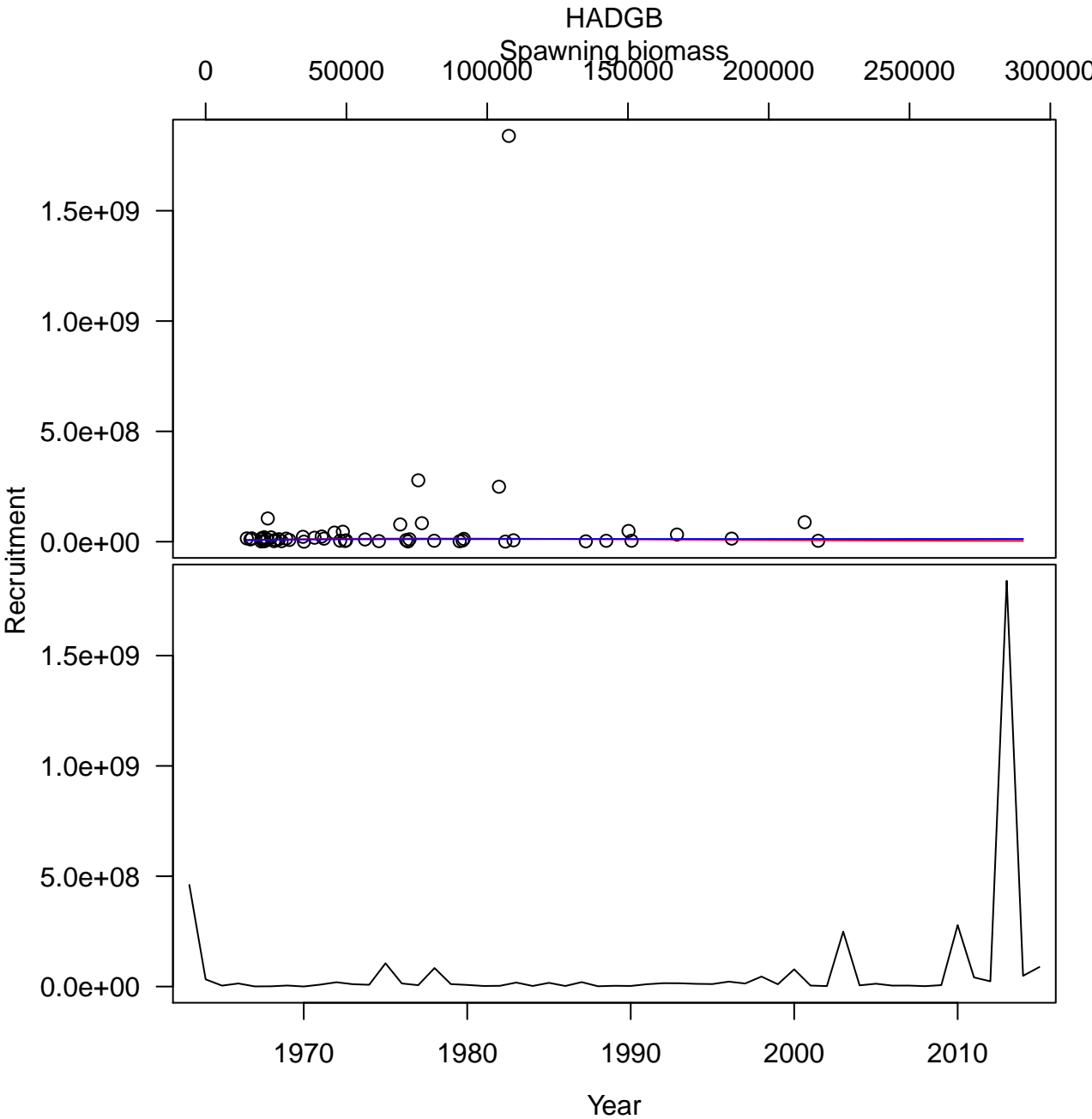


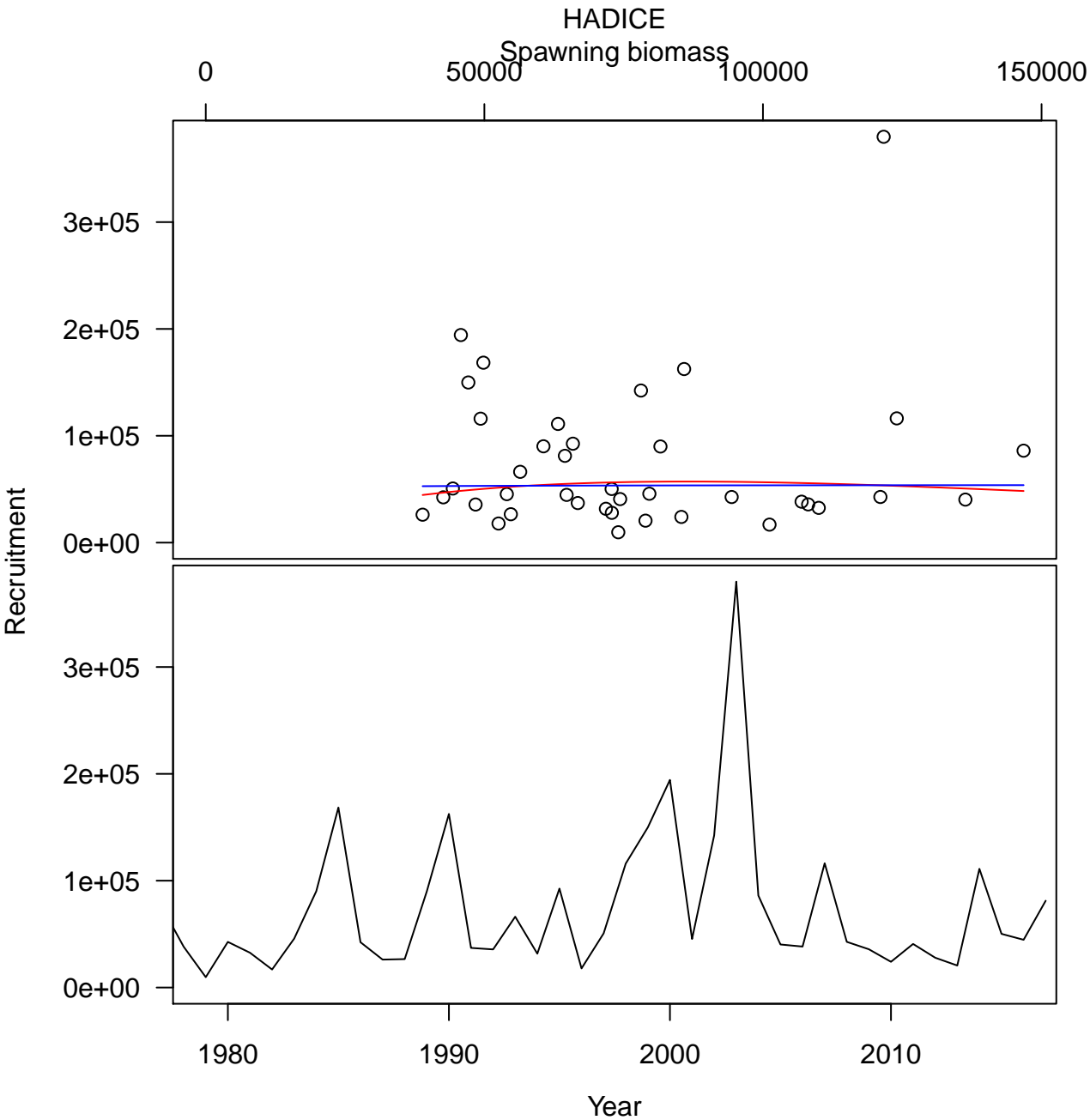


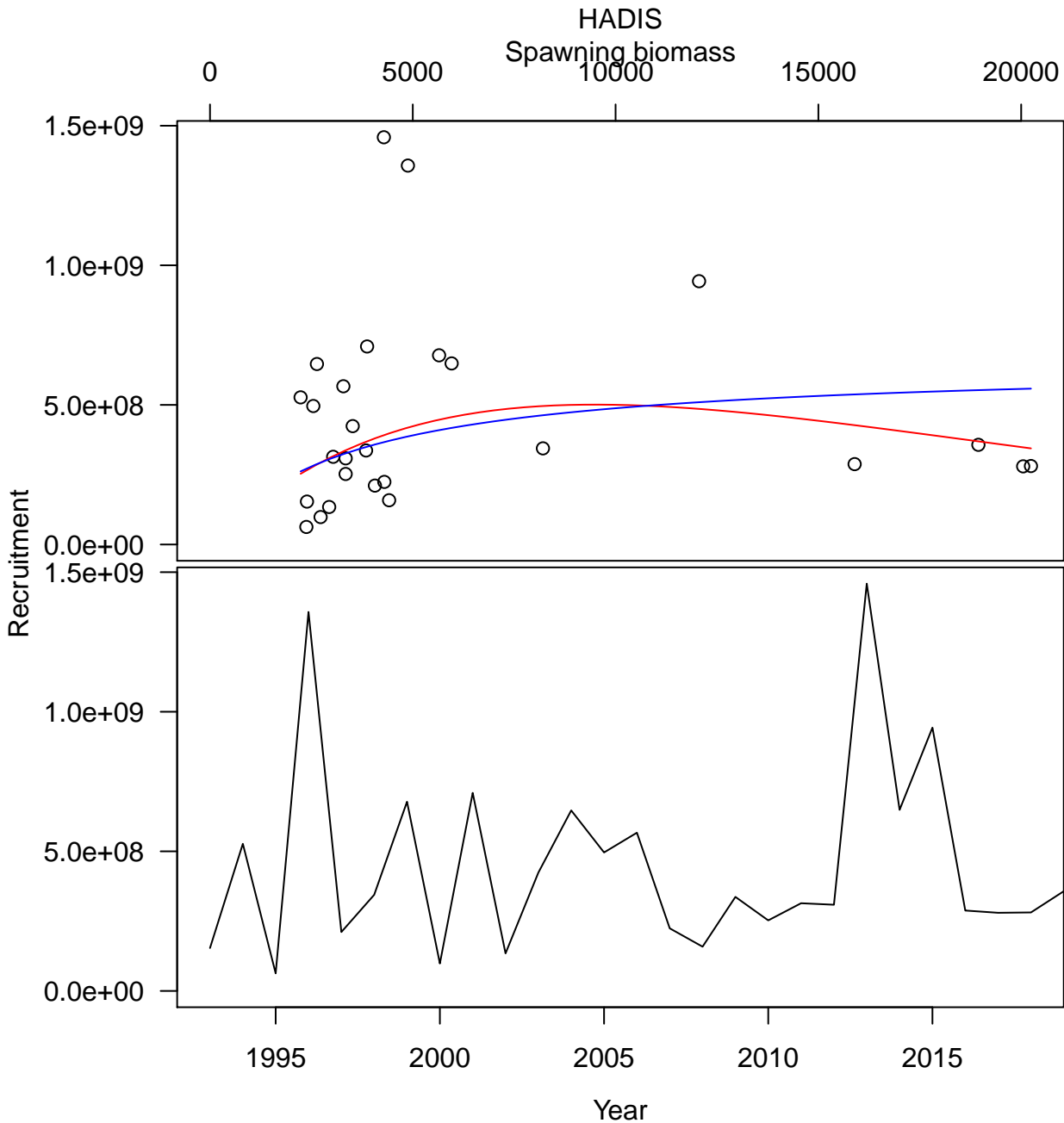


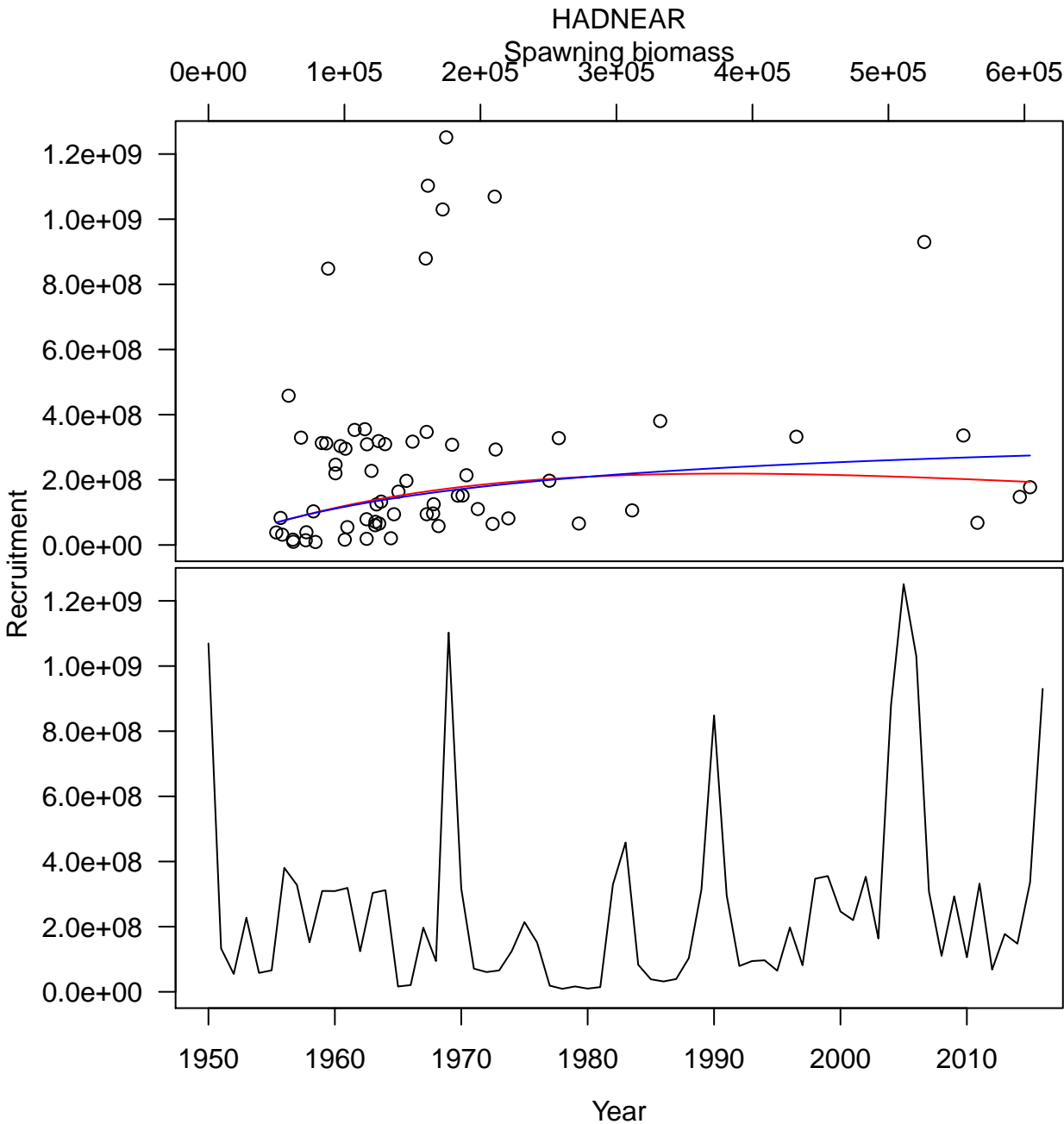


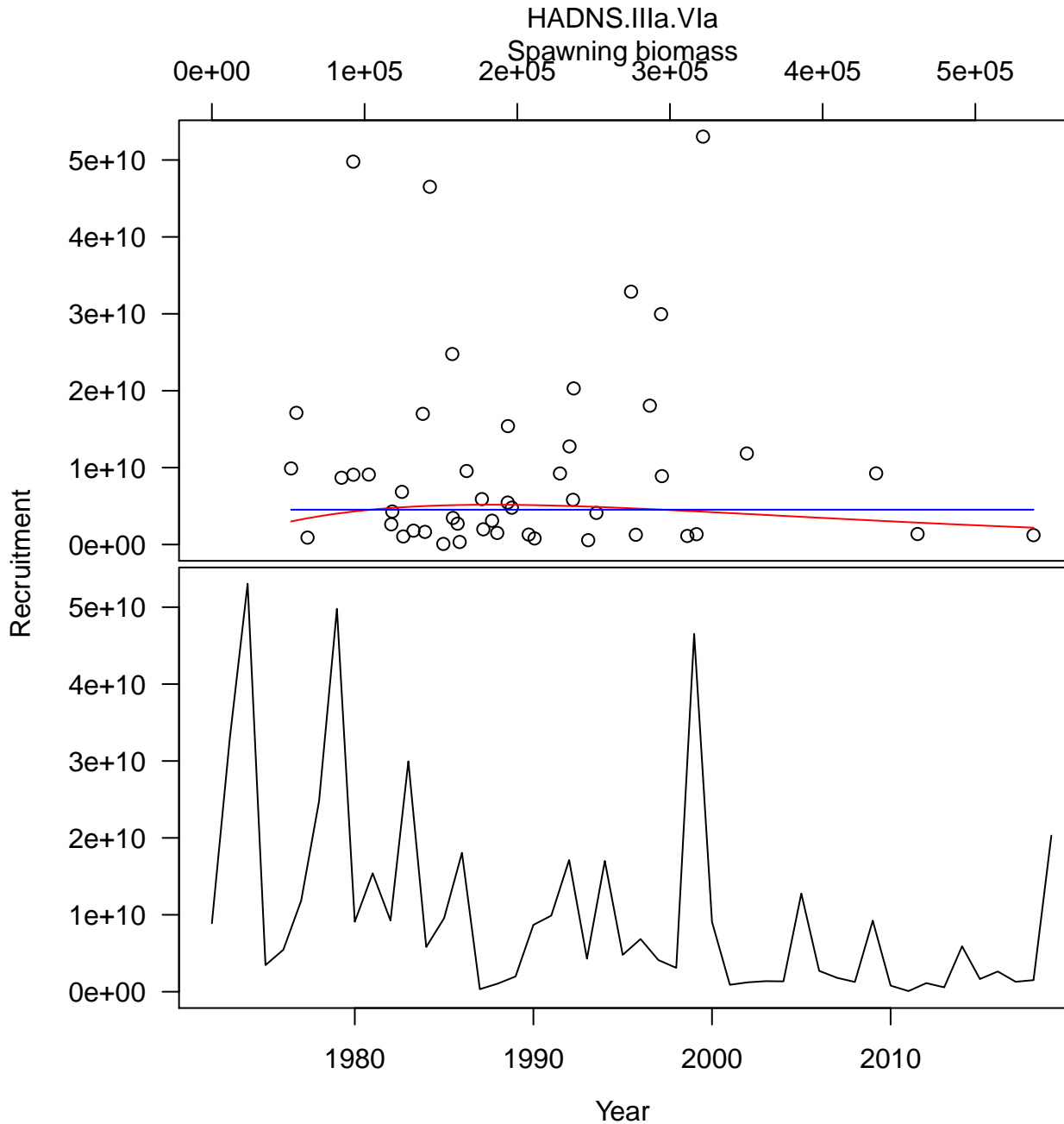












HADROCK

Spawning biomass

0

10000

20000

30000

40000

50000

1.2e+08

1.0e+08

8.0e+07

6.0e+07

4.0e+07

2.0e+07

0.0e+00

Recruitment

1.2e+08

1.0e+08

8.0e+07

6.0e+07

4.0e+07

2.0e+07

0.0e+00

1990

1995

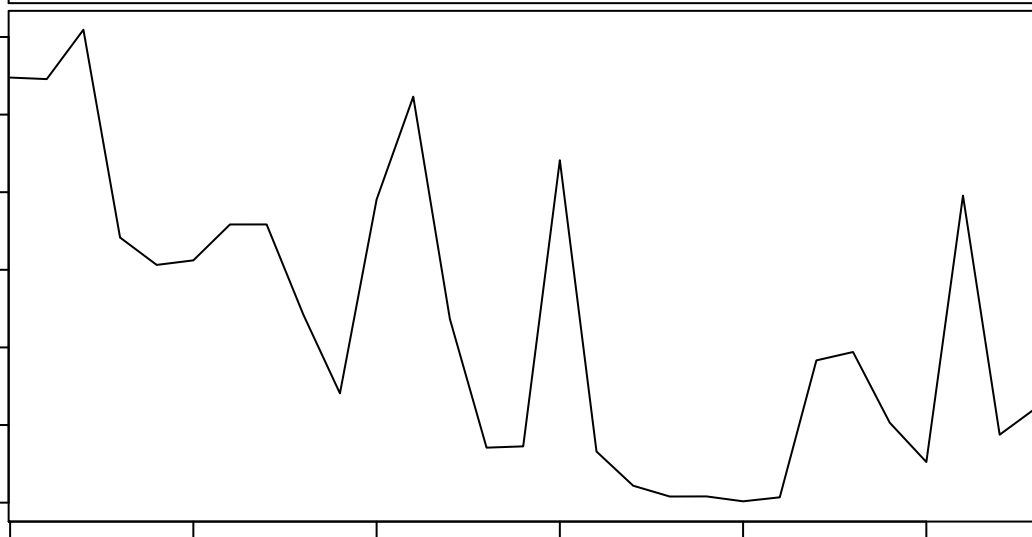
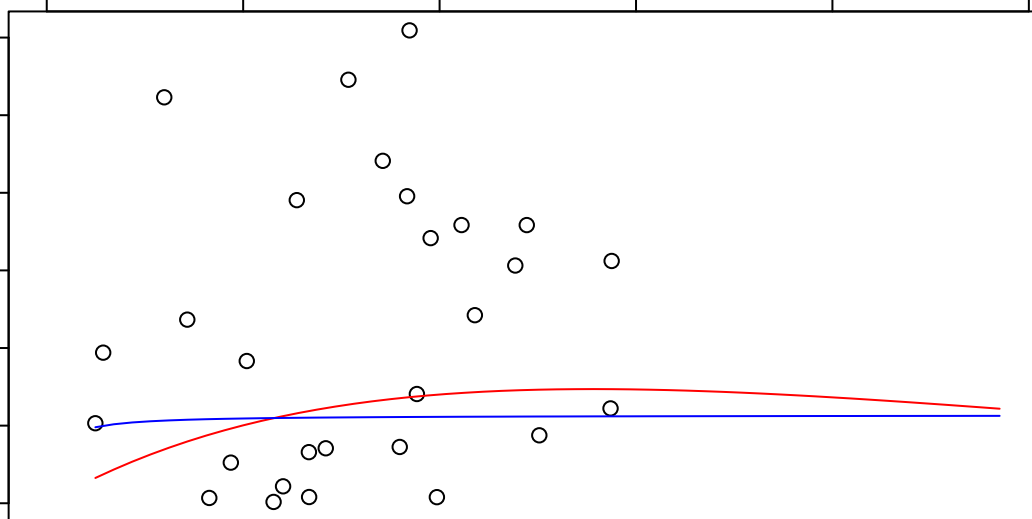
2000

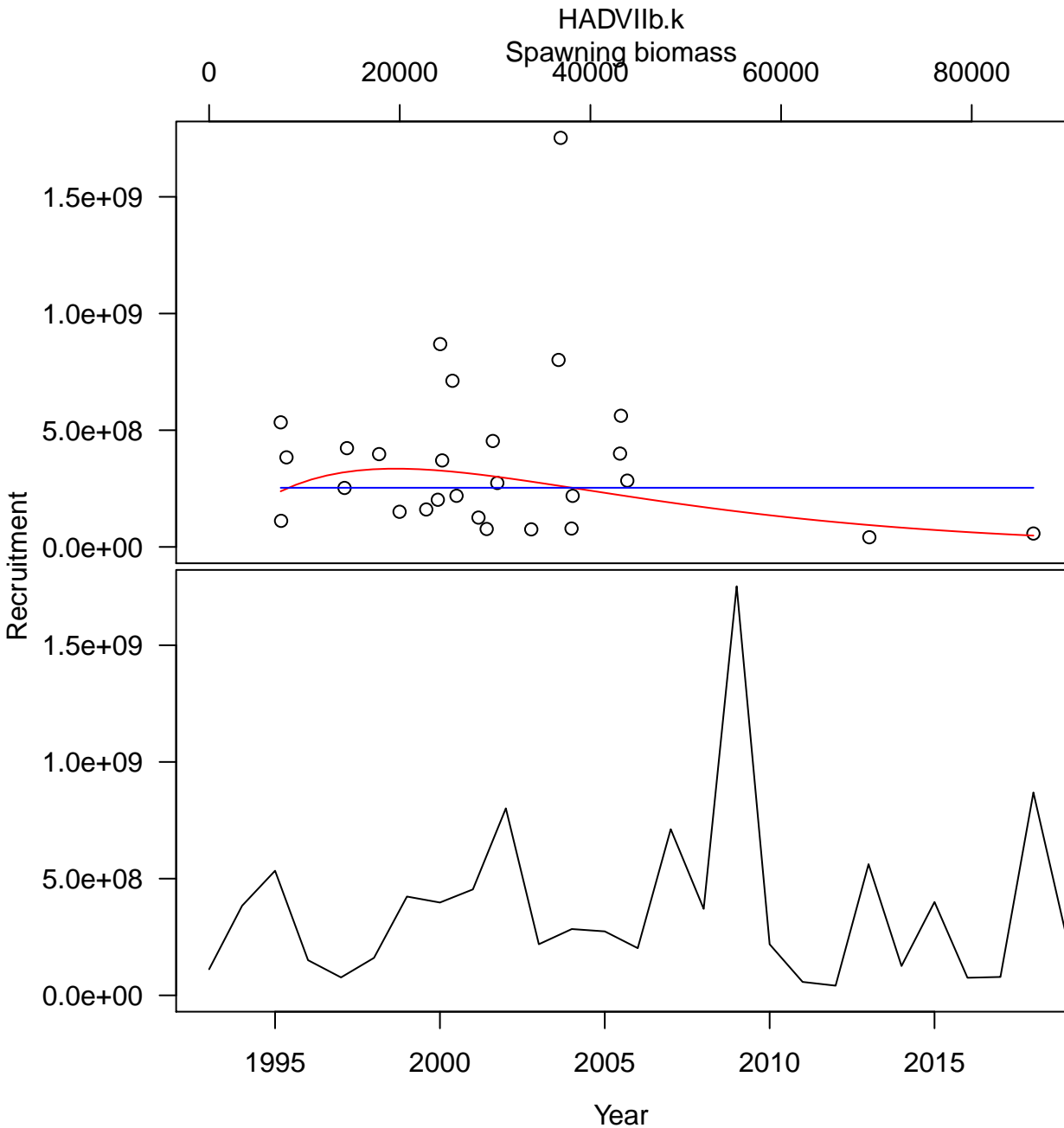
2005

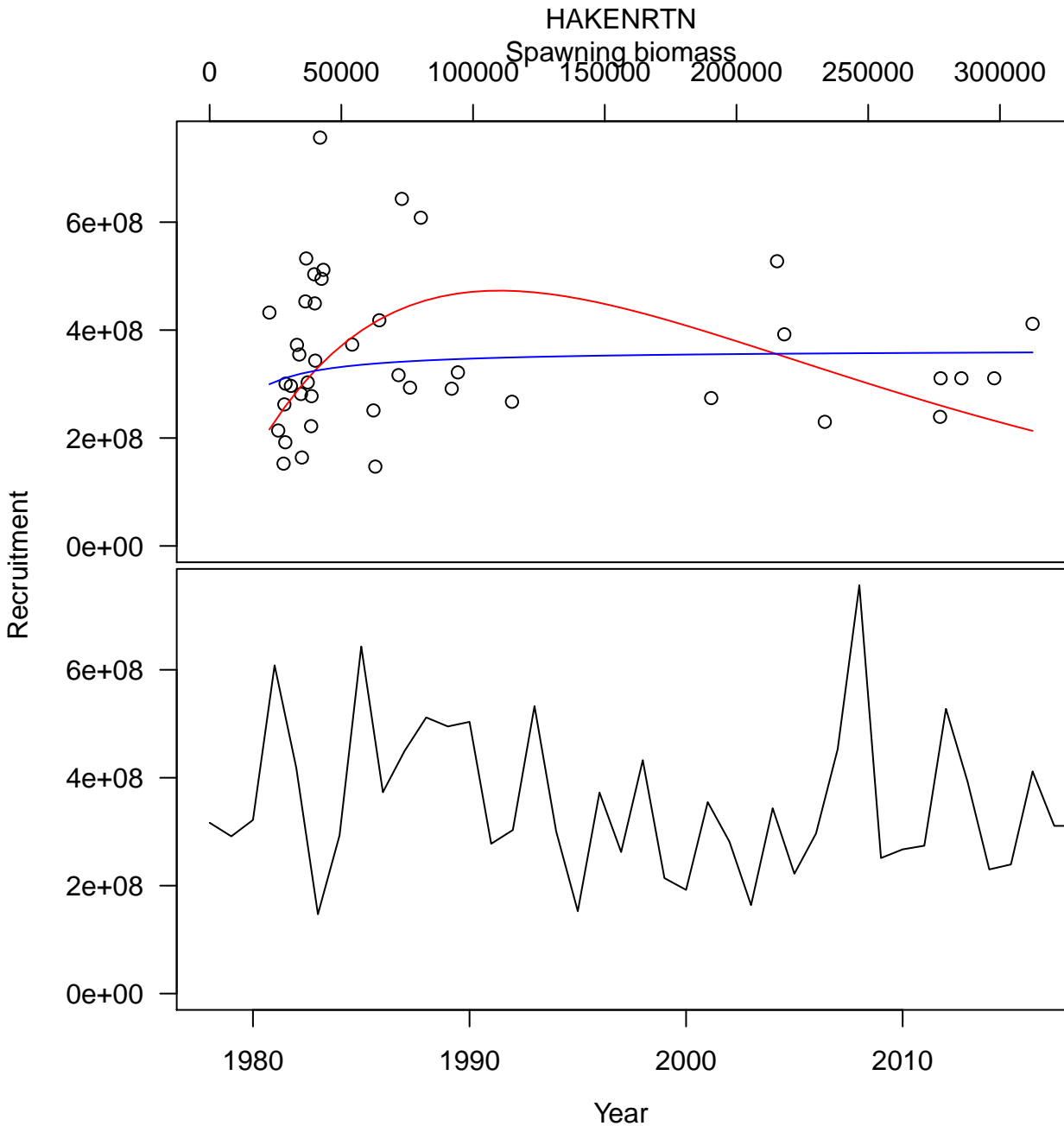
2010

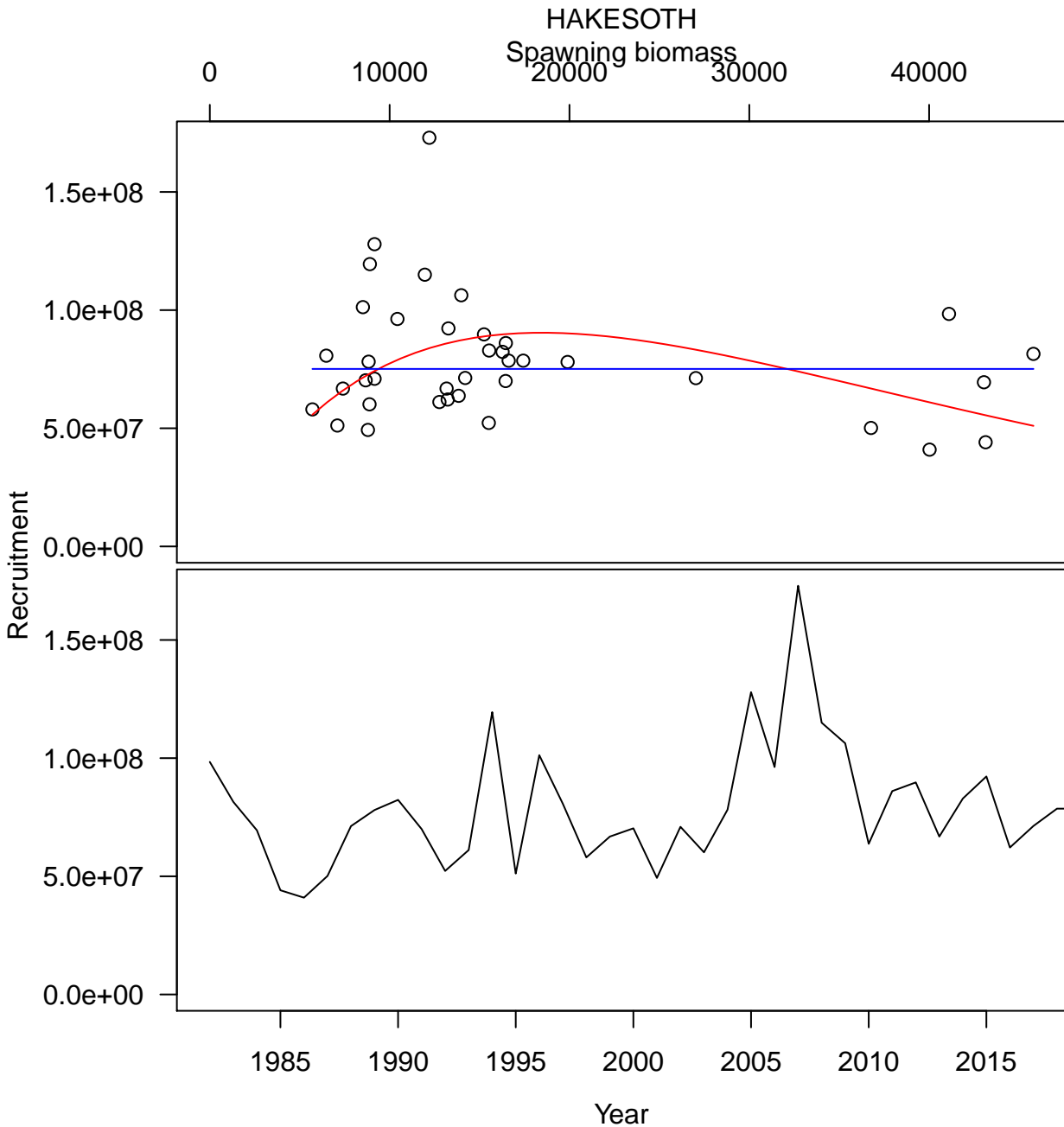
2015

Year









HAKESSPPSAF

Spawning biomass

0e+00 1e+06 2e+06 3e+06 4e+06 5e+06 6e+06

4e+10

3e+10

2e+10

1e+10

0e+00

Recruitment

4e+10

3e+10

2e+10

1e+10

0e+00

1970

1980

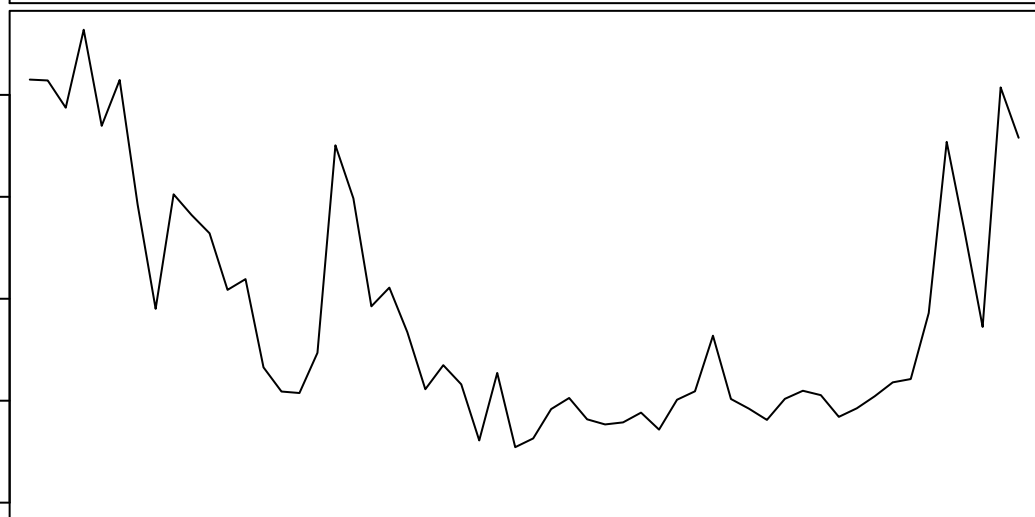
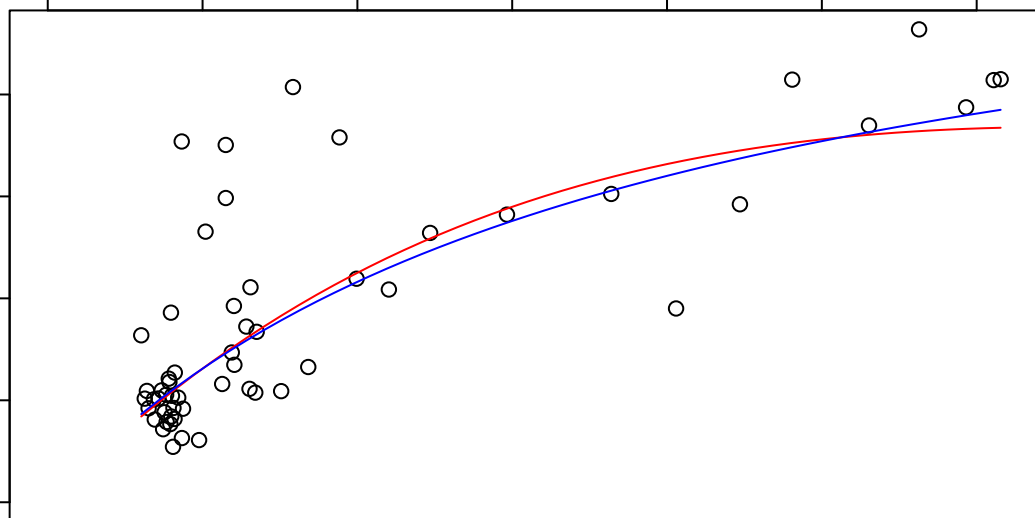
1990

2000

2010

2020

Year



HERR2224IIIa

Spawning biomass

0 50000 100000 150000 200000 250000 300000

5e+09

4e+09

3e+09

2e+09

1e+09

0e+00

Recruitment

5e+09

4e+09

3e+09

2e+09

1e+09

0e+00

1990

1995

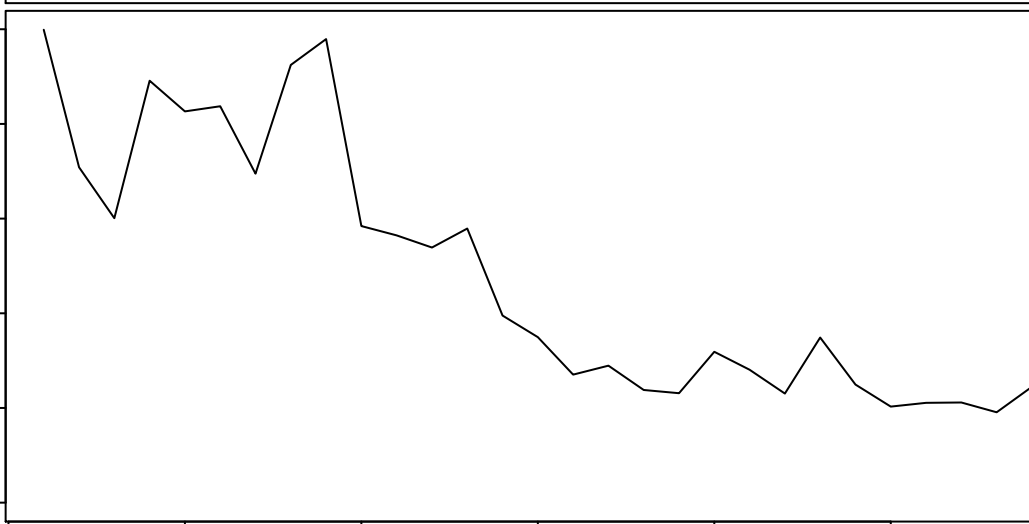
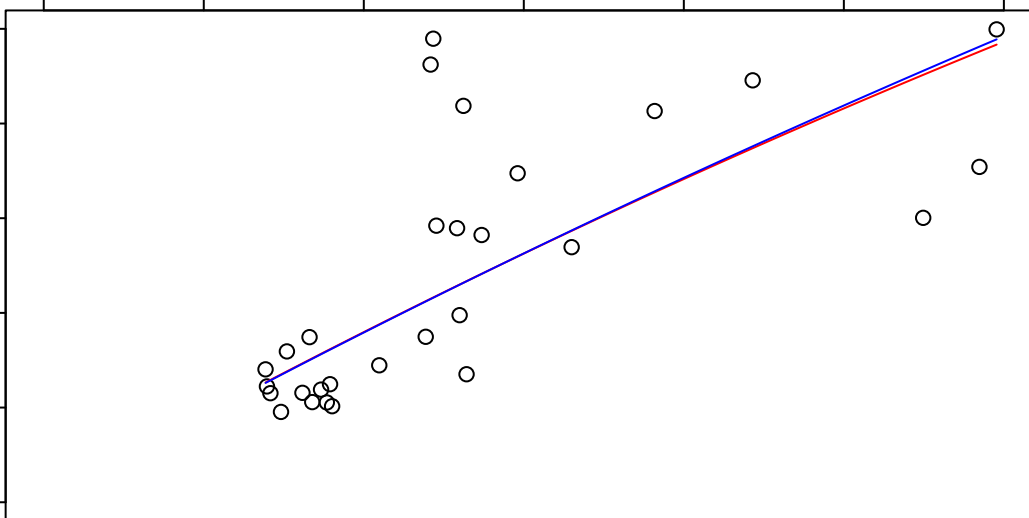
2000

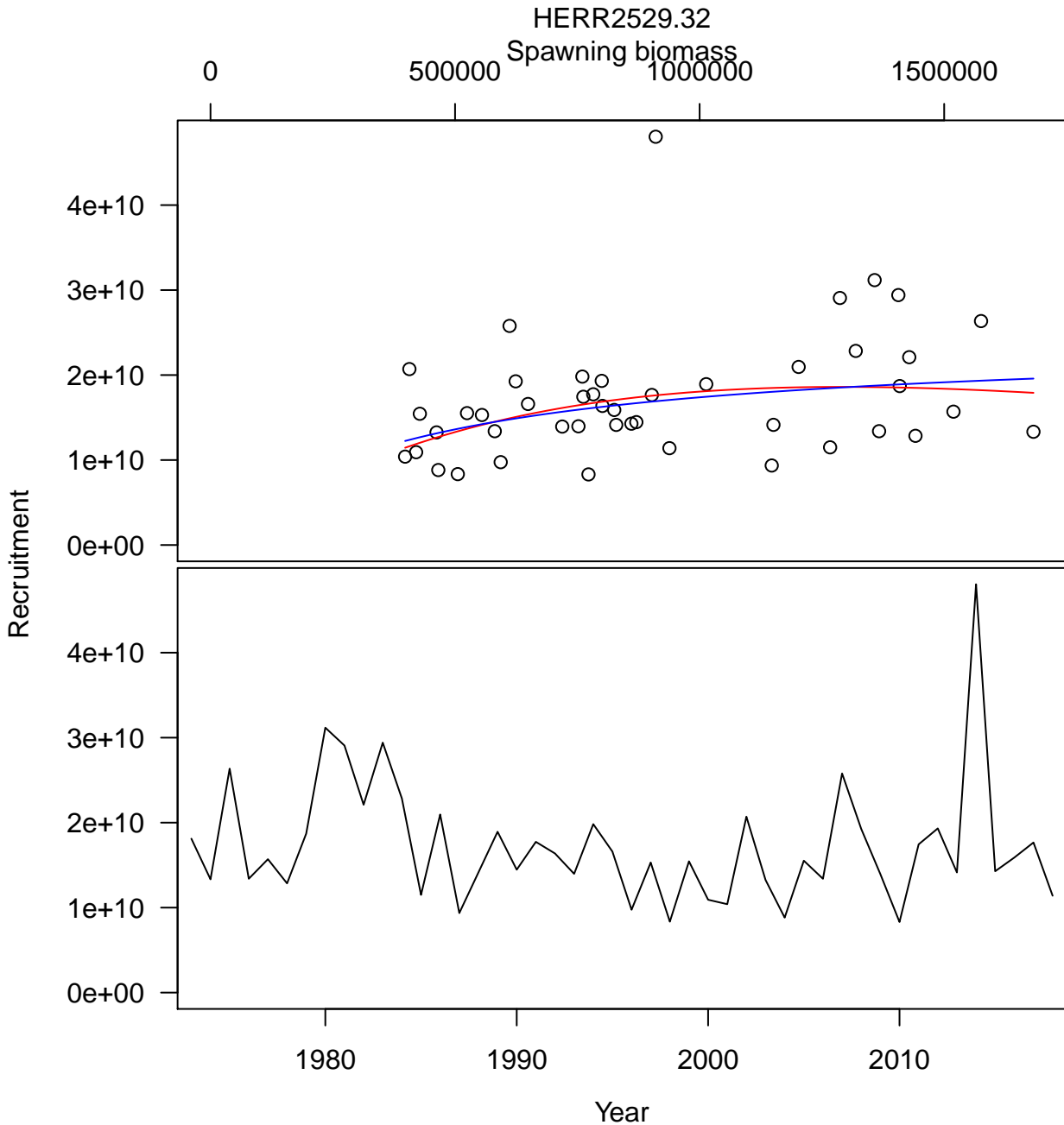
2005

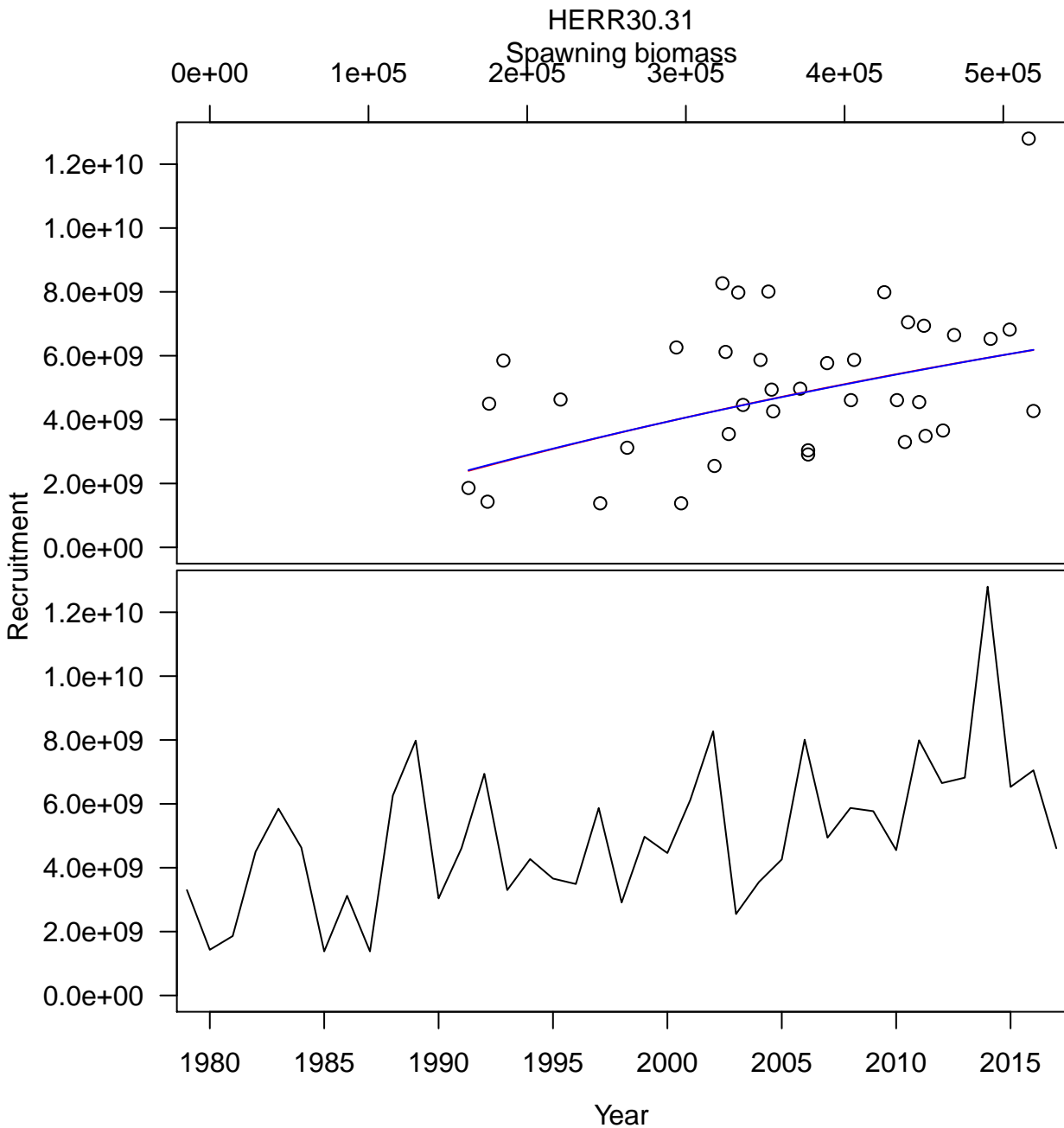
2010

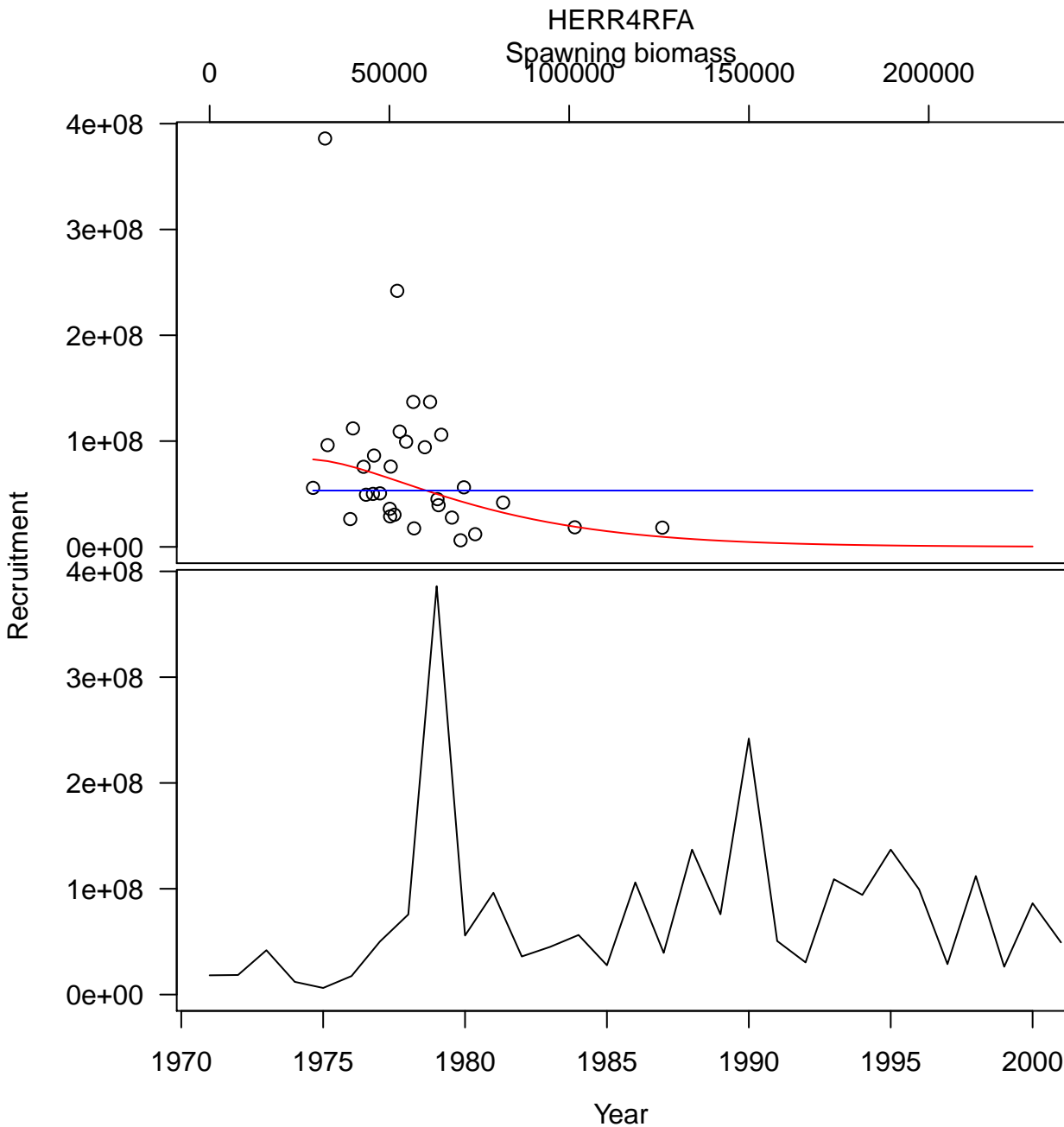
2015

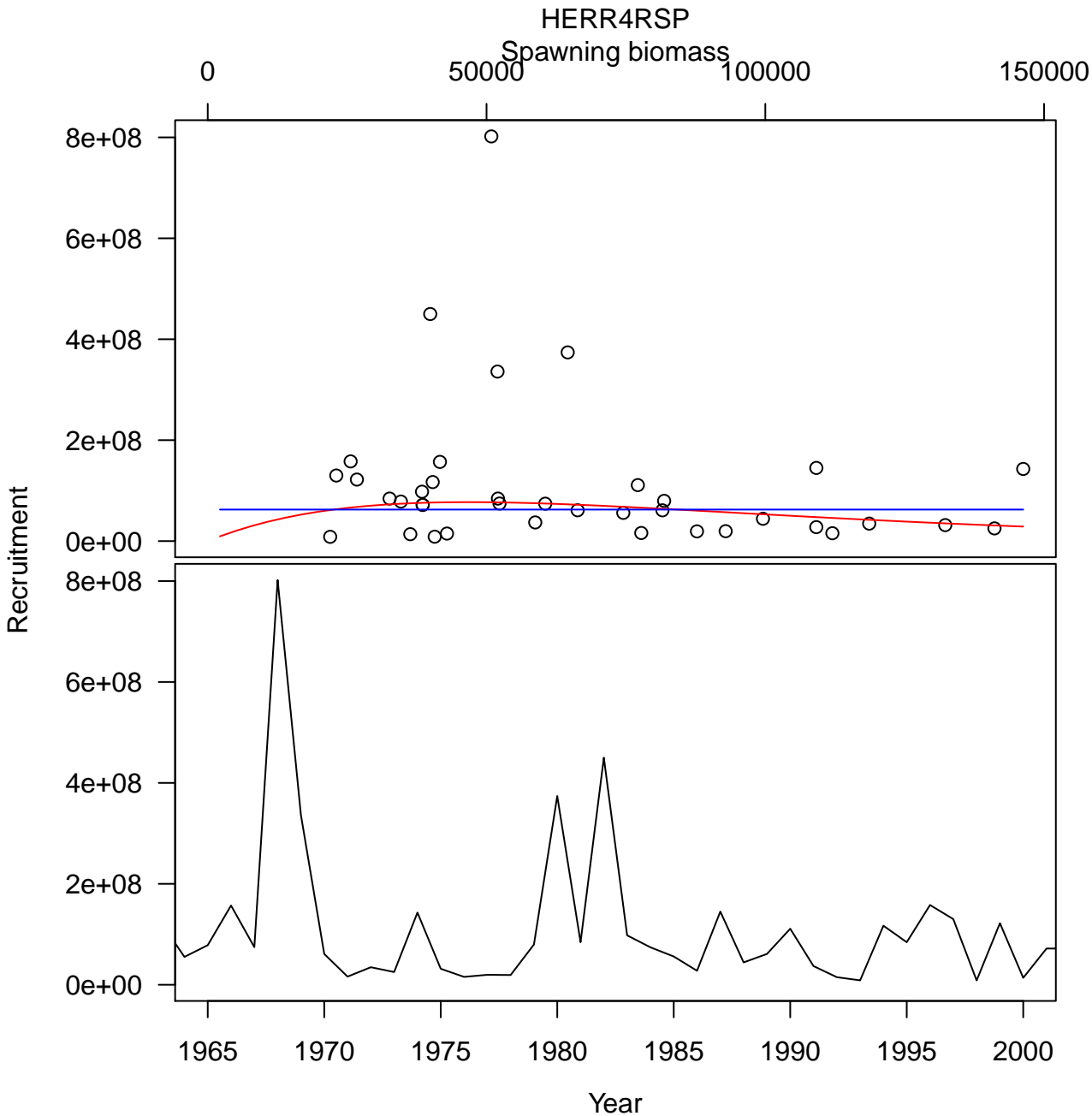
Year

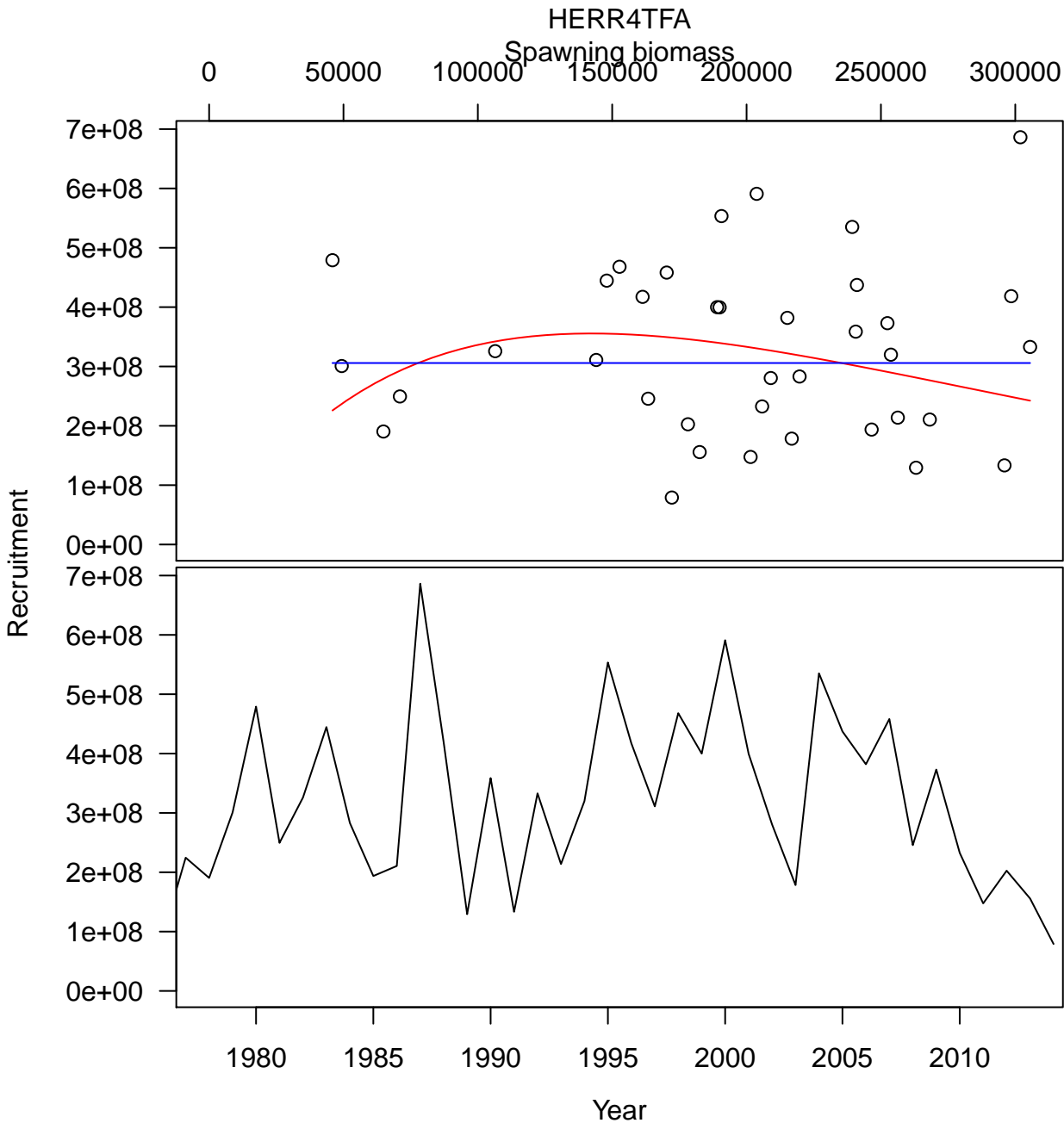


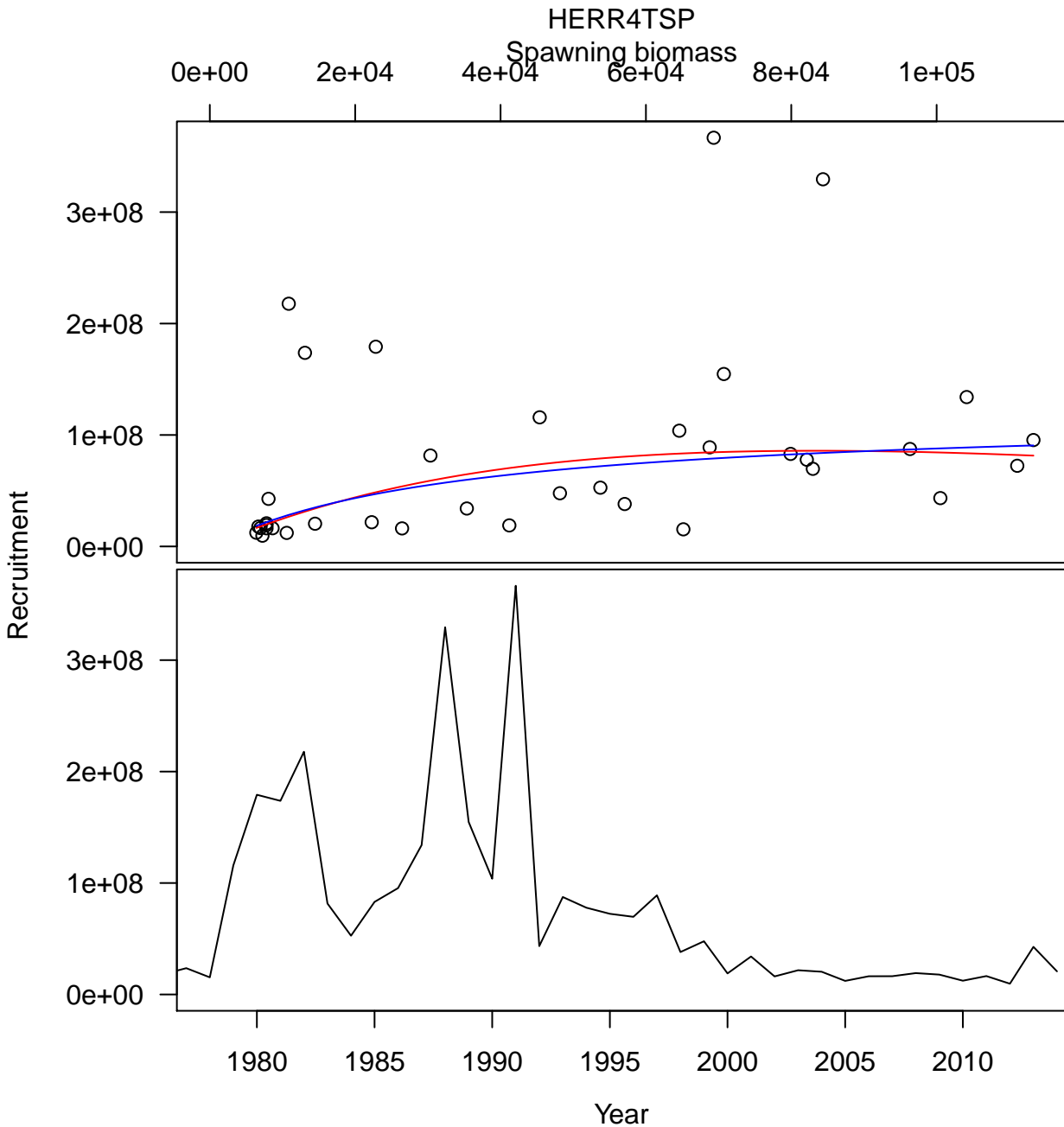


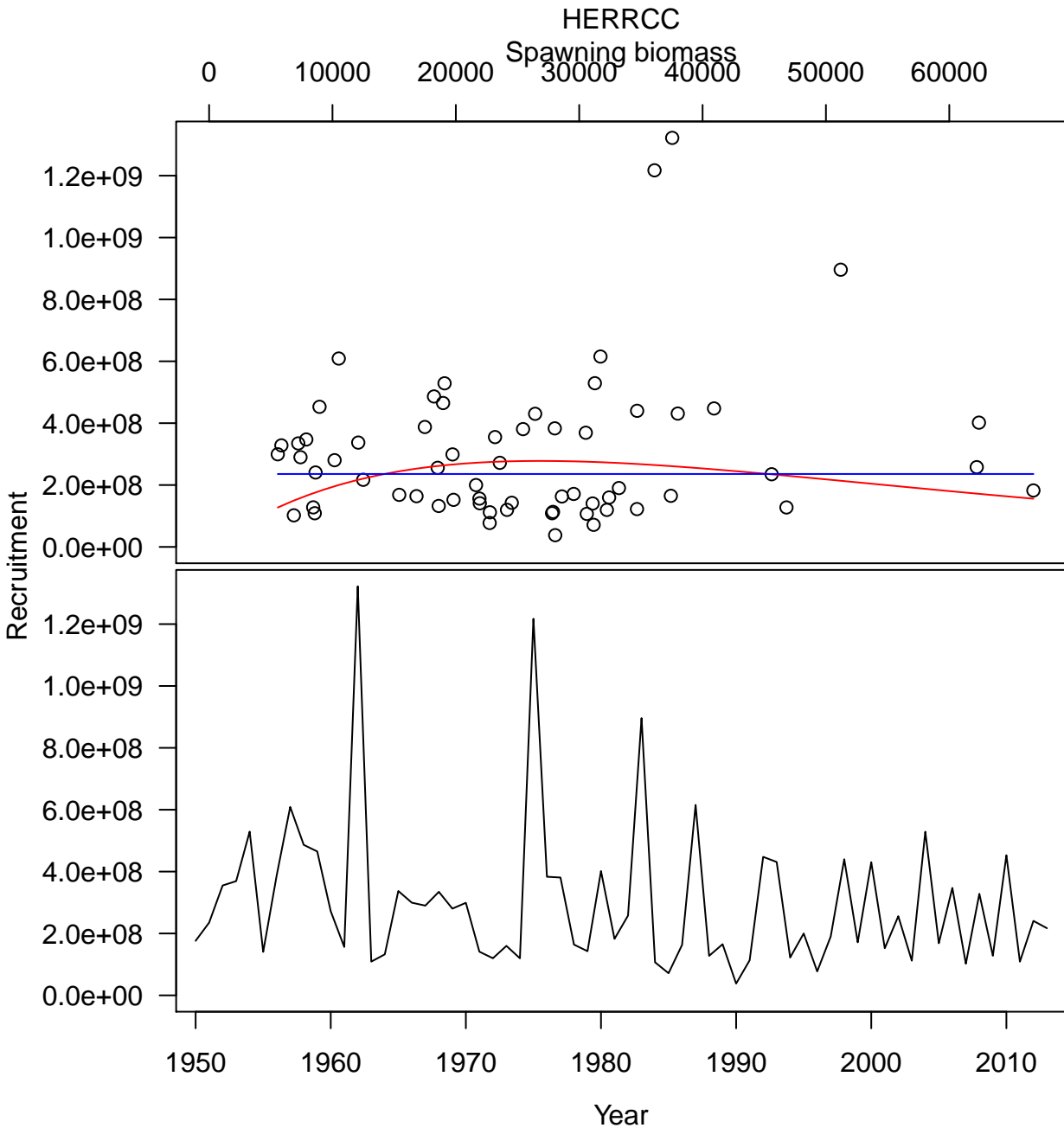


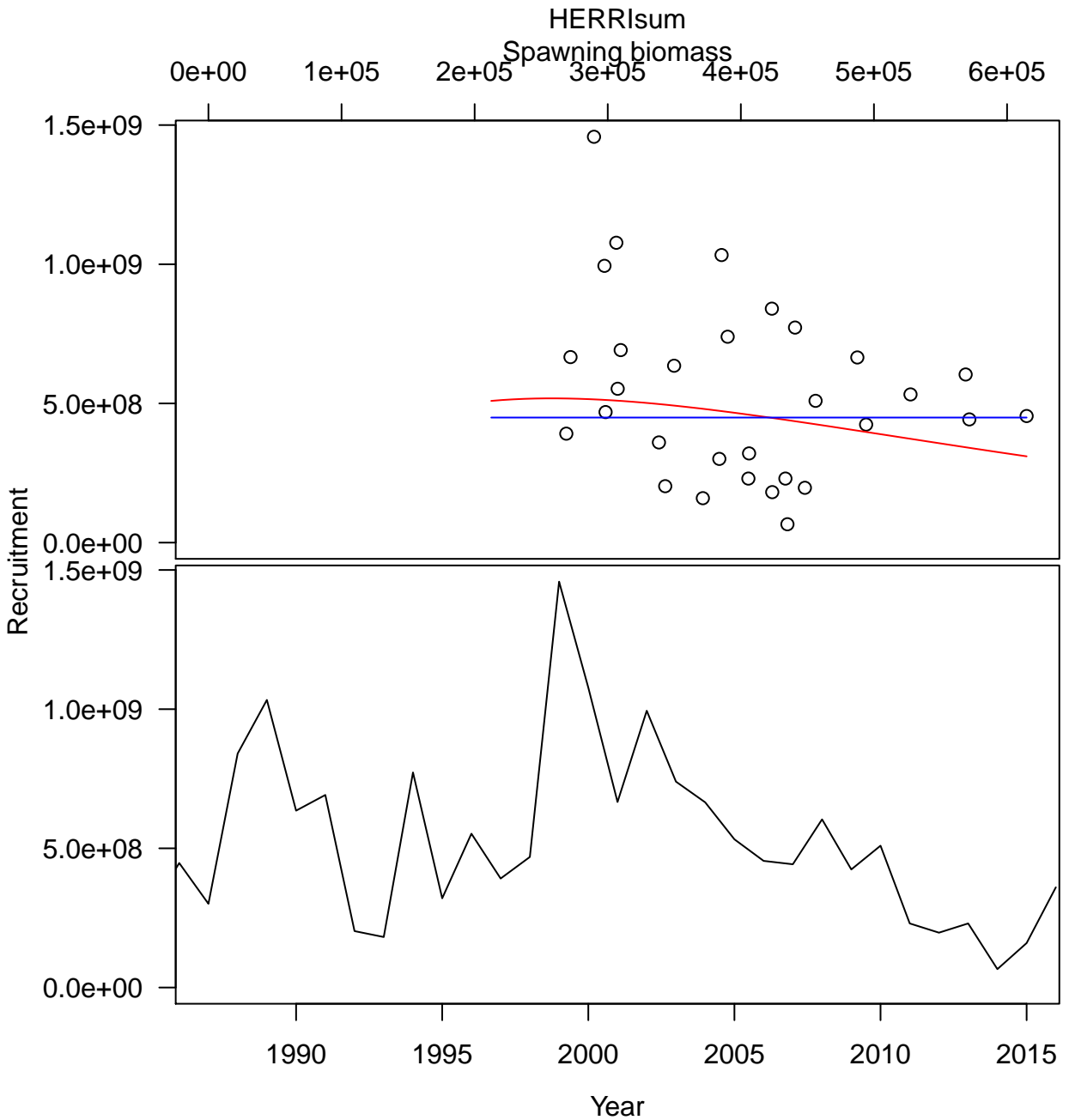


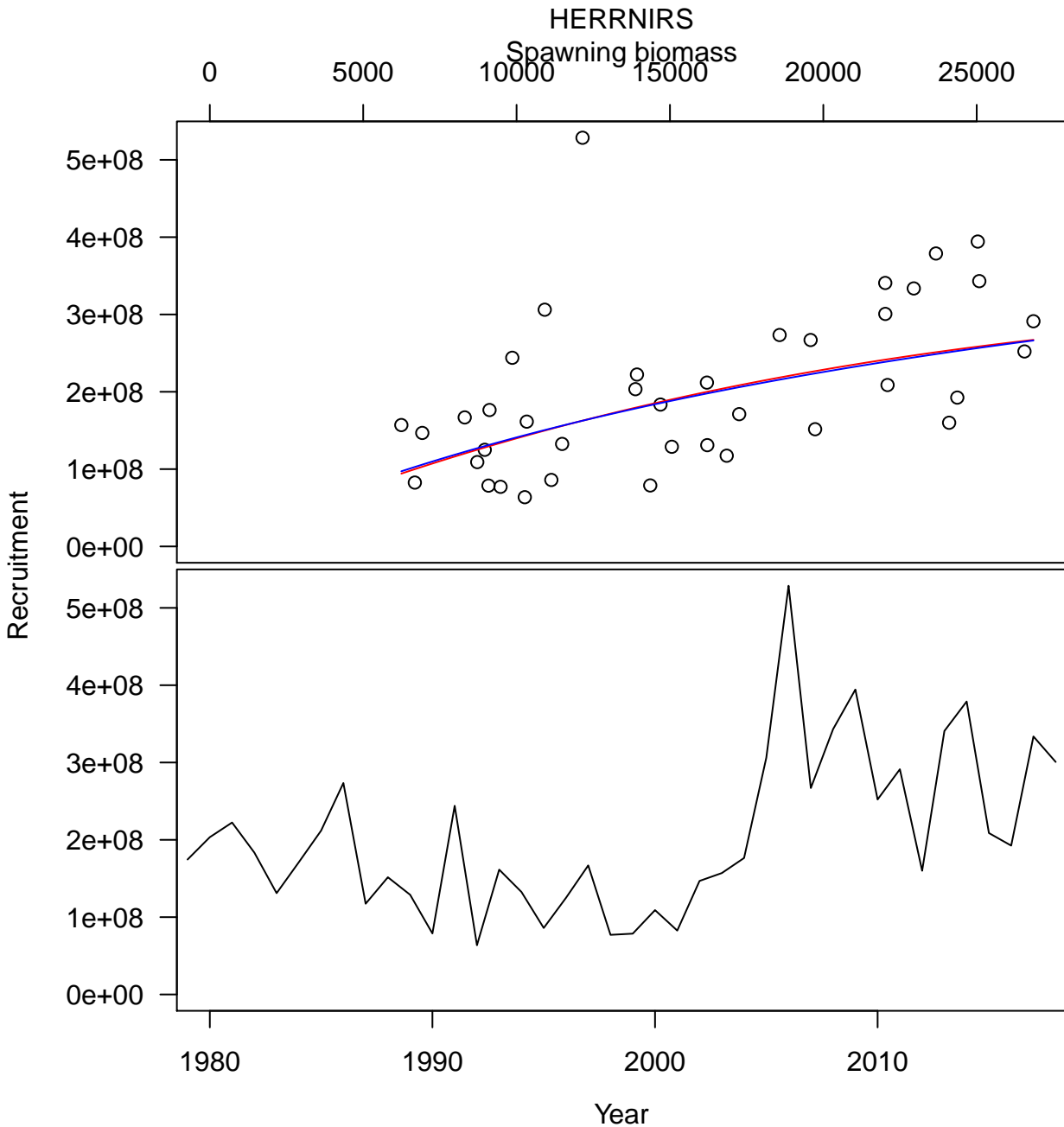


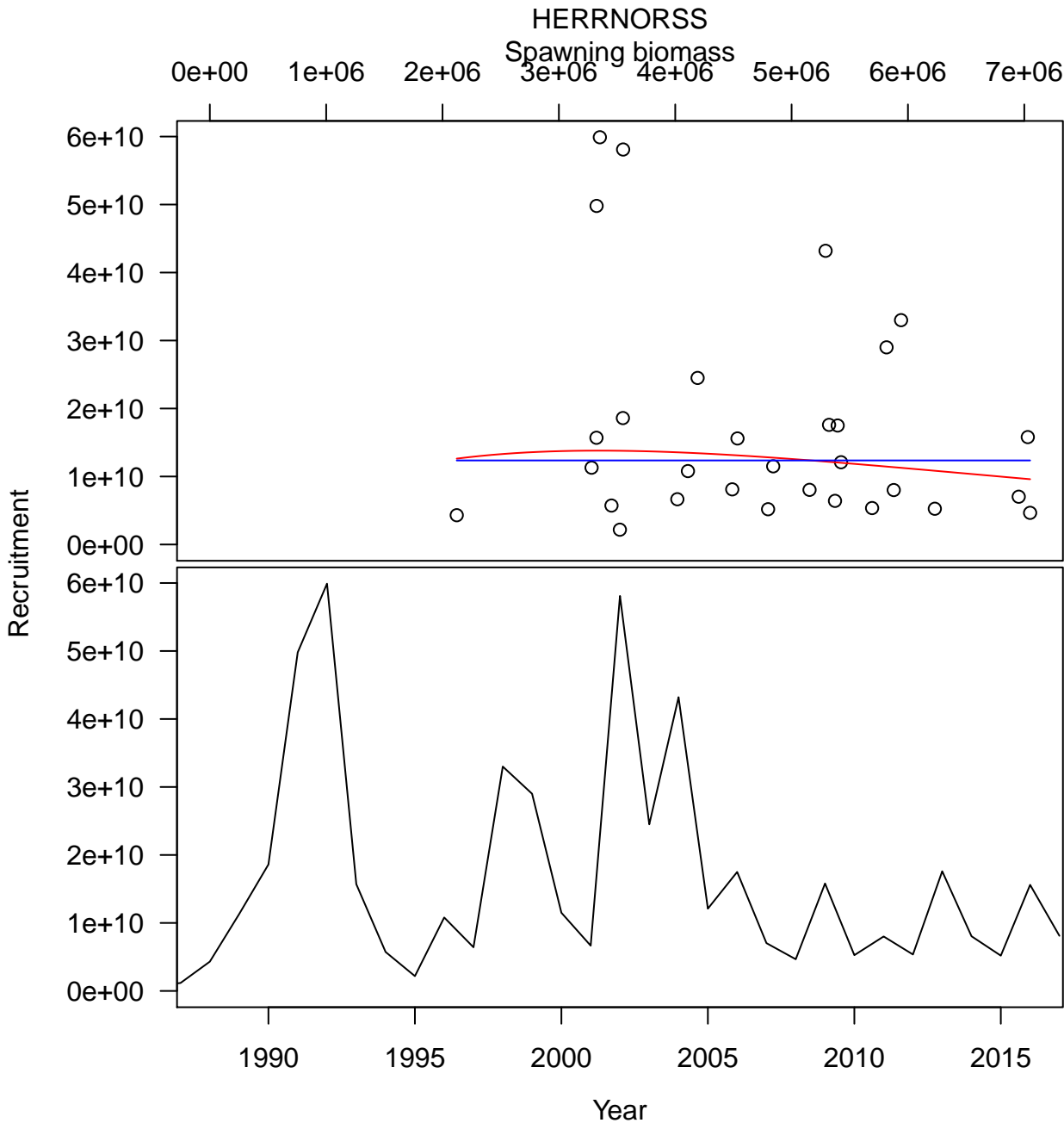












HERRNS.IIIa.VIId

Spawning biomass

0e+00

1e+06

2e+06

3e+06

4e+06

1e+11

8e+10

6e+10

4e+10

2e+10

0e+00

Recruitment

1e+11

8e+10

6e+10

4e+10

2e+10

0e+00

1950

1960

1970

1980

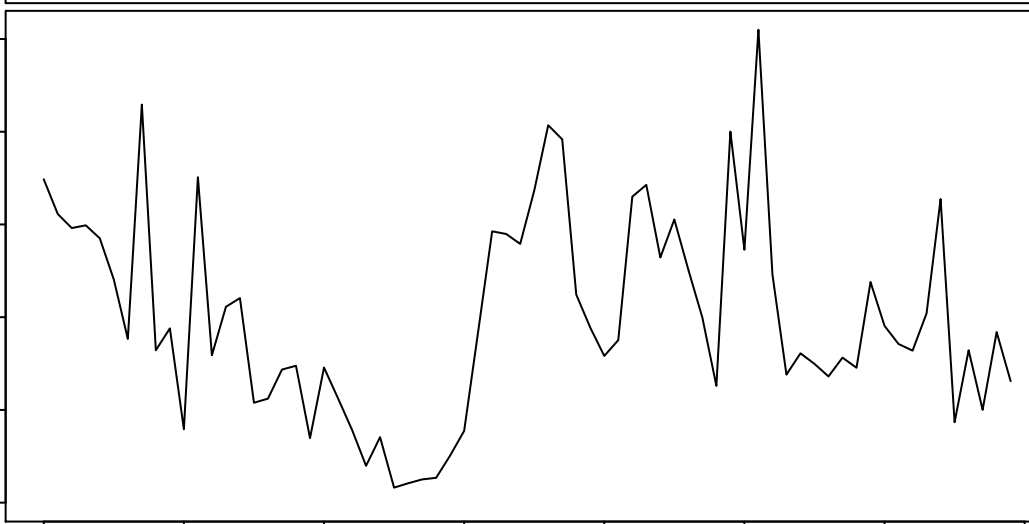
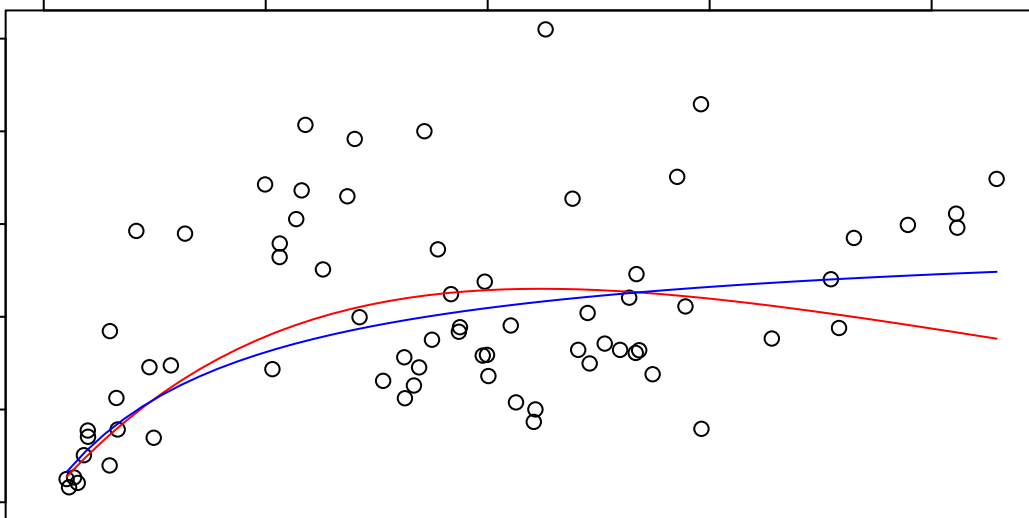
1990

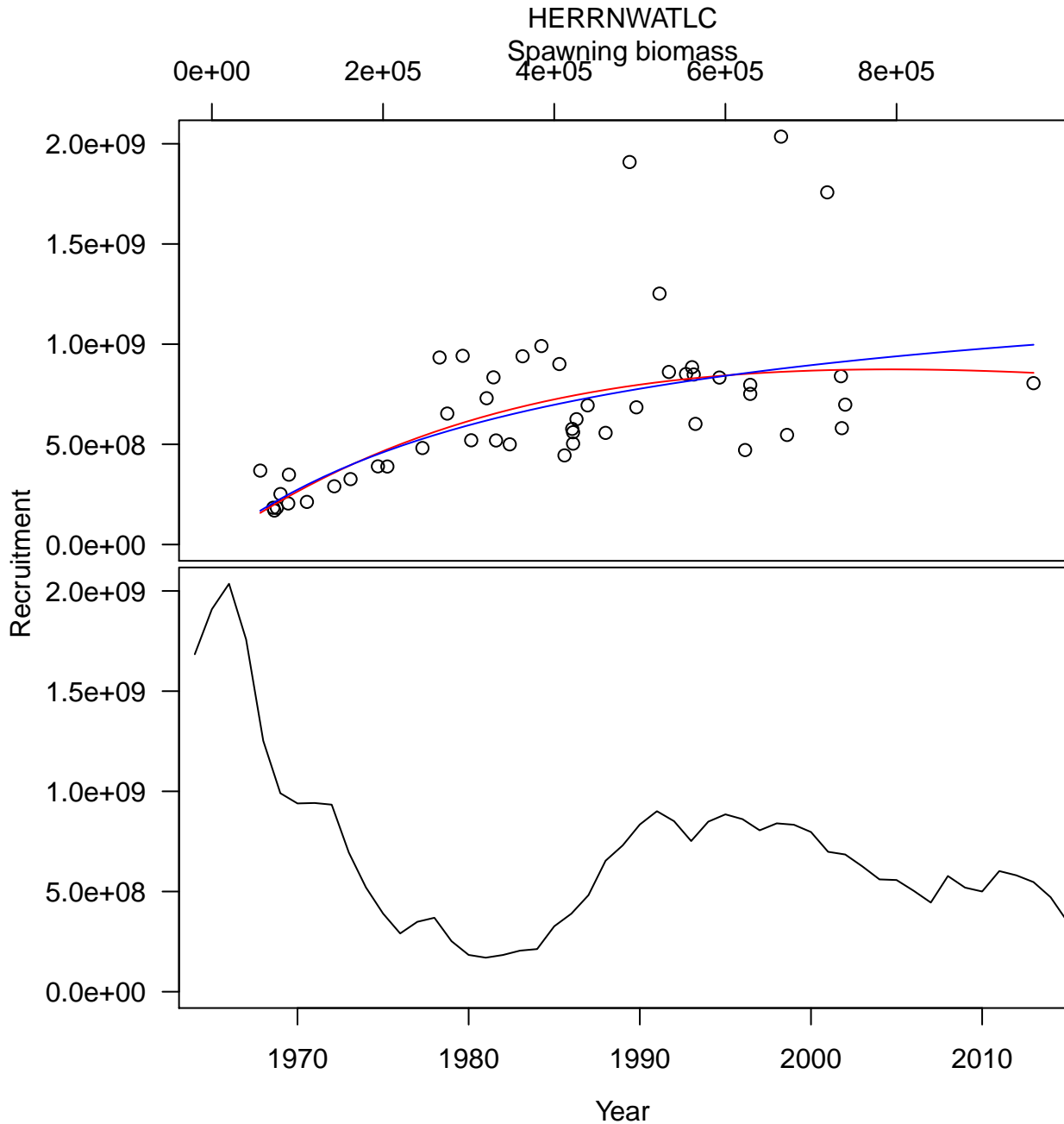
2000

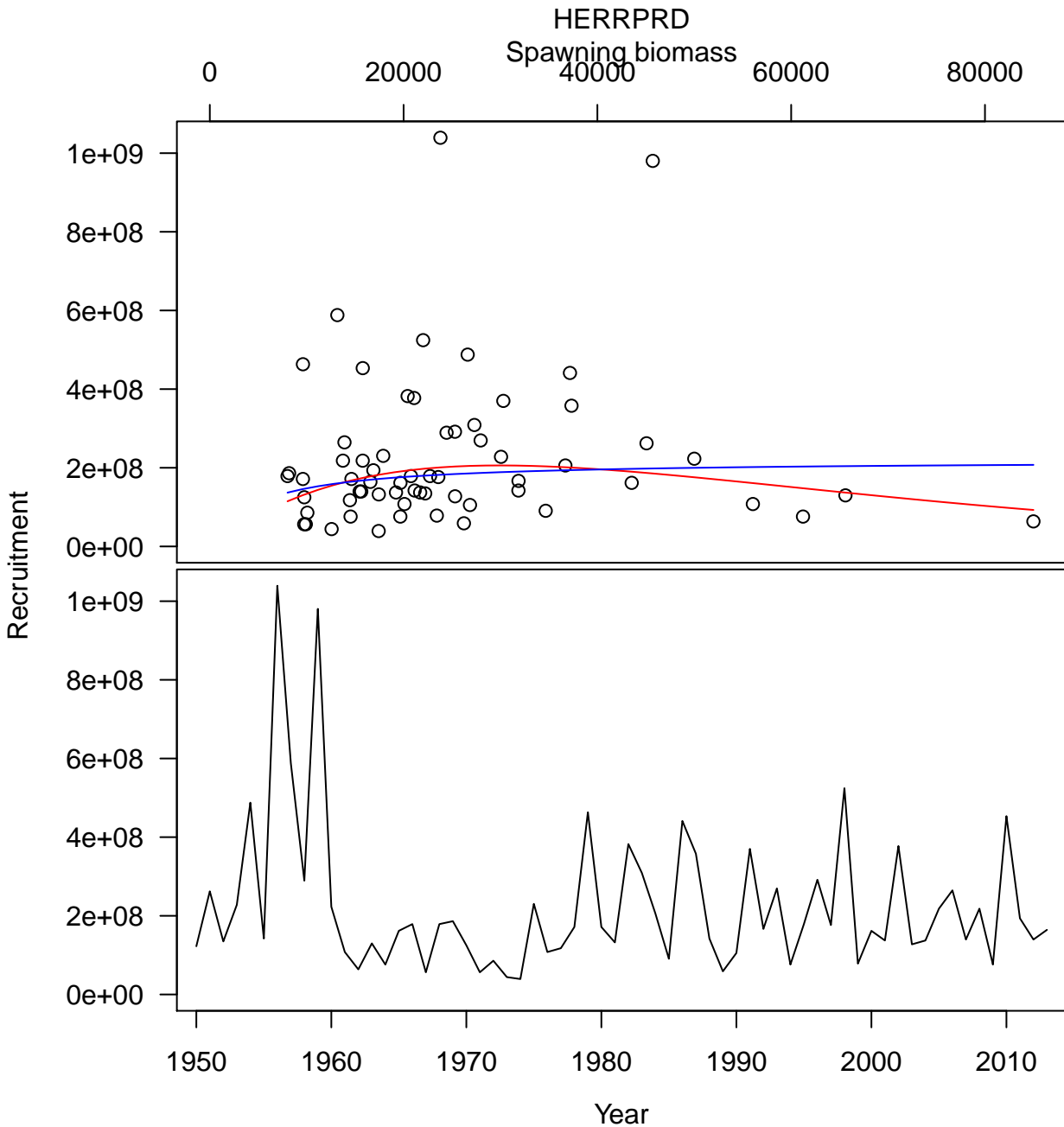
2010

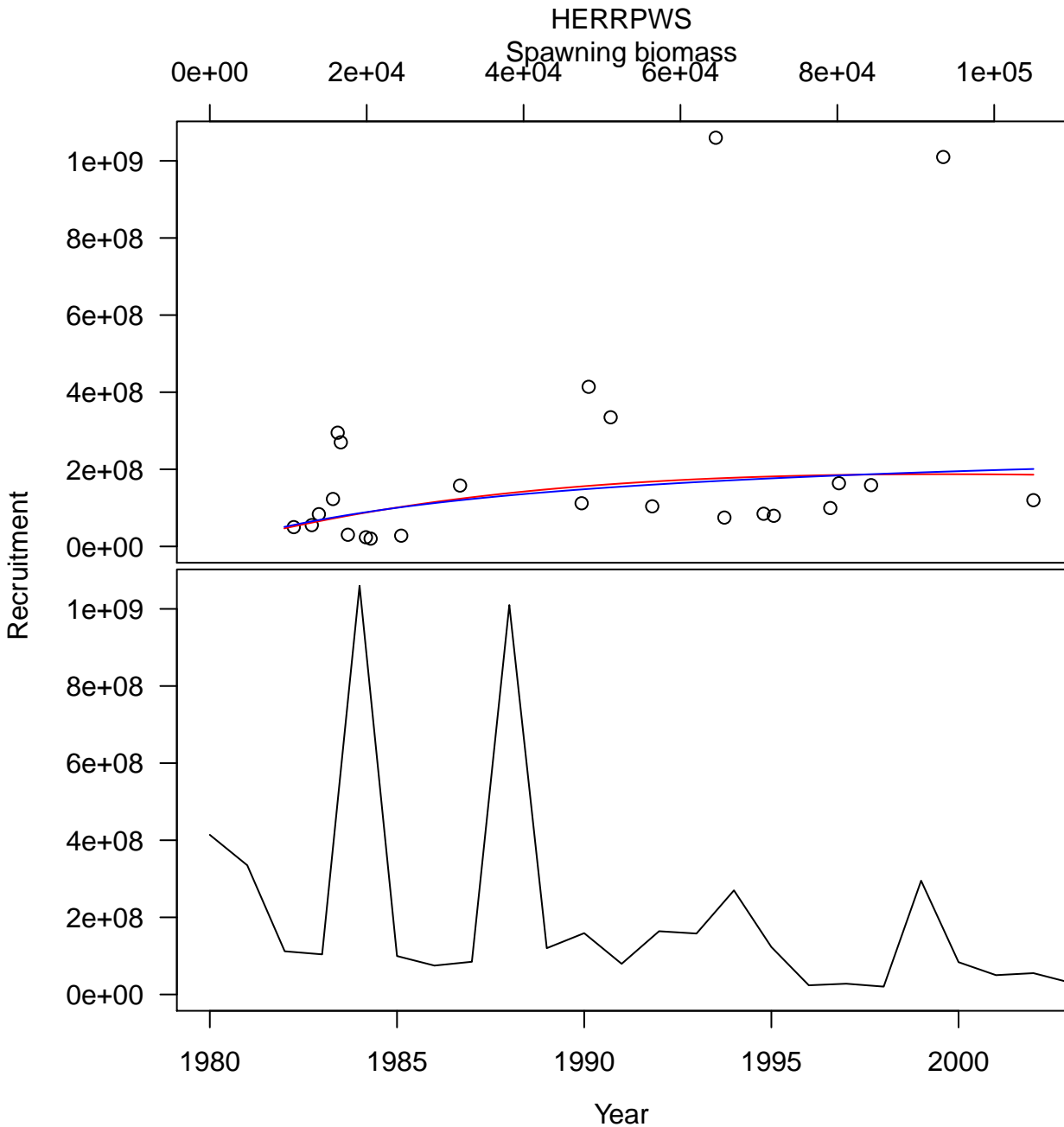
2020

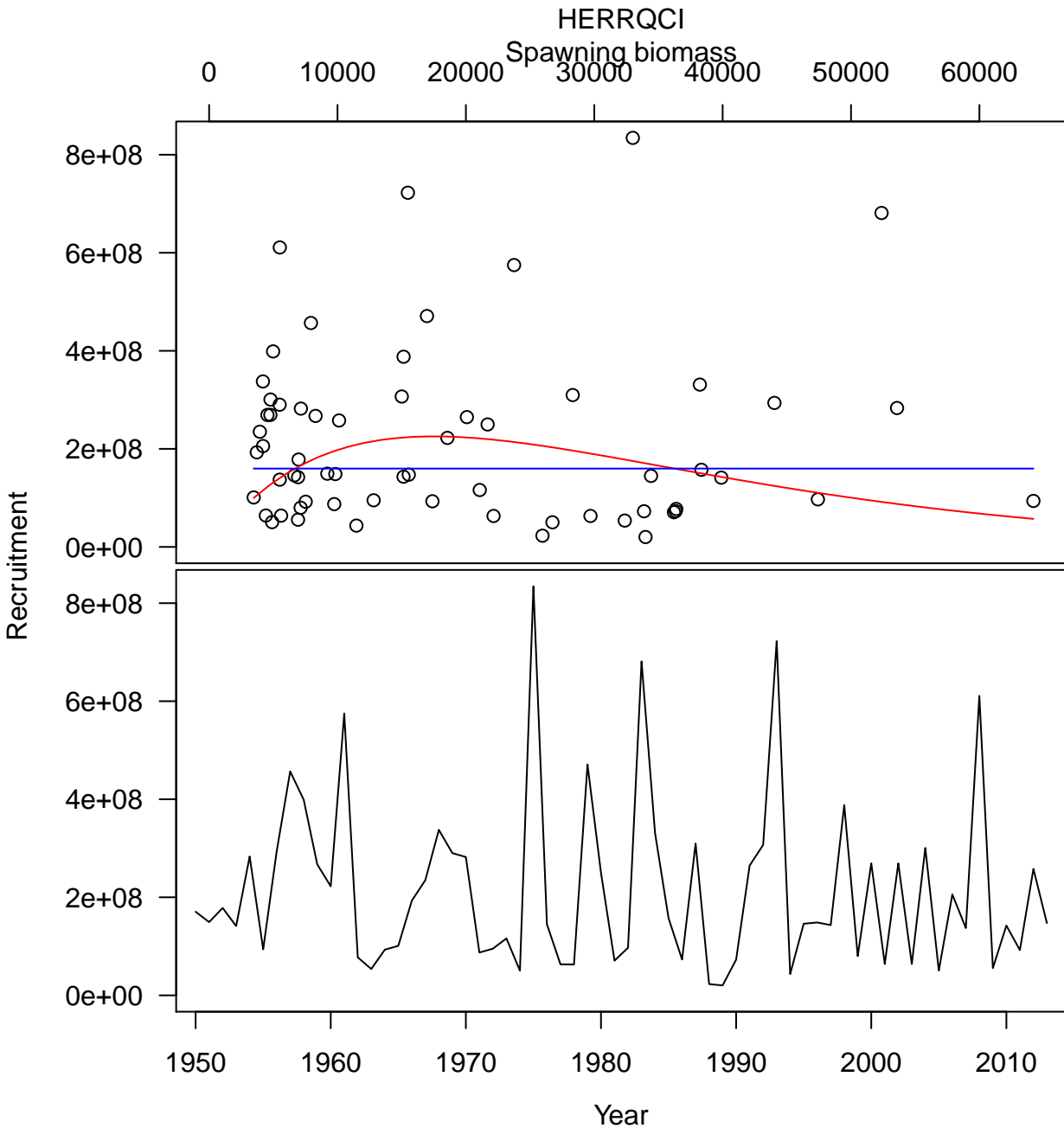
Year

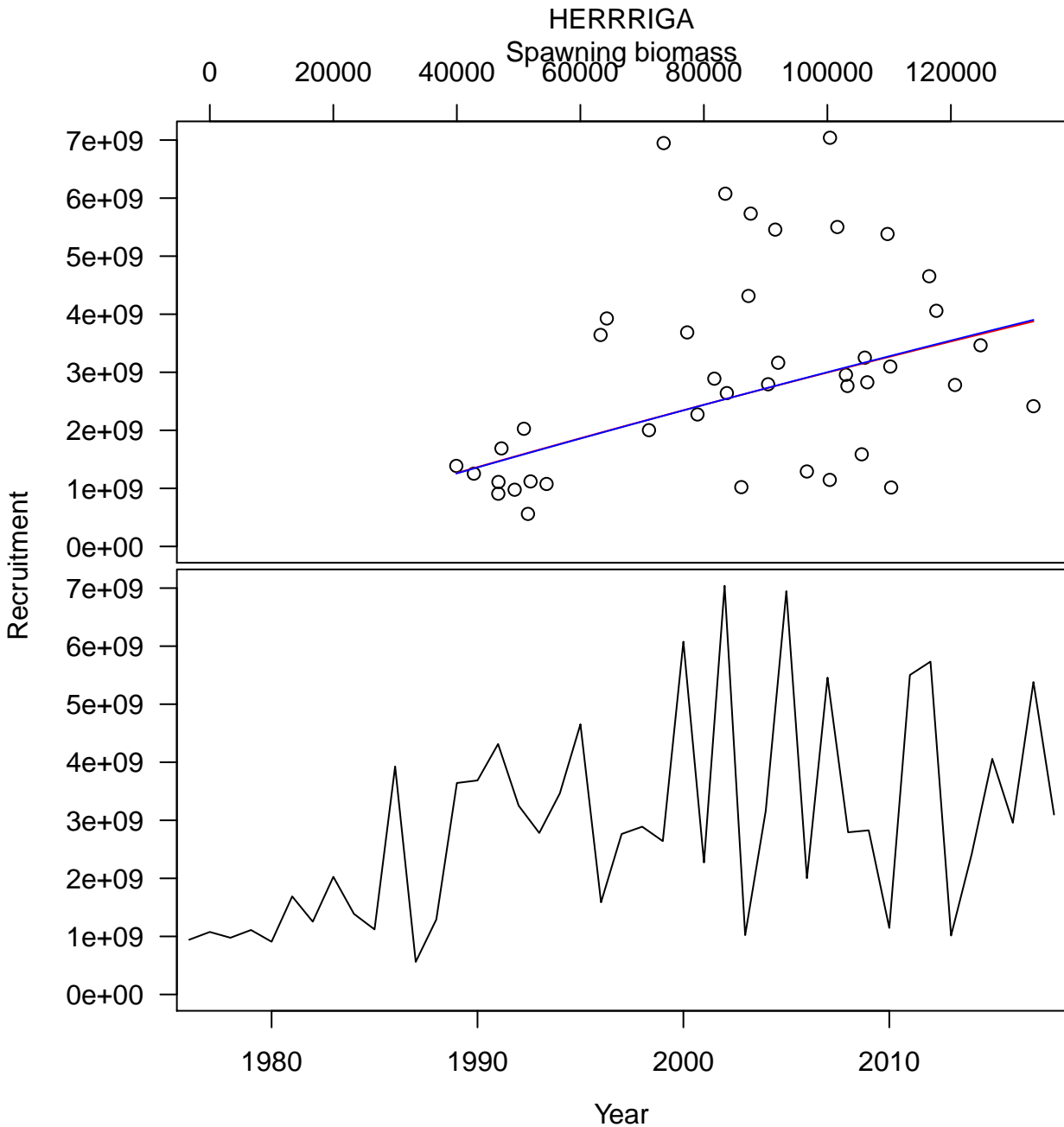


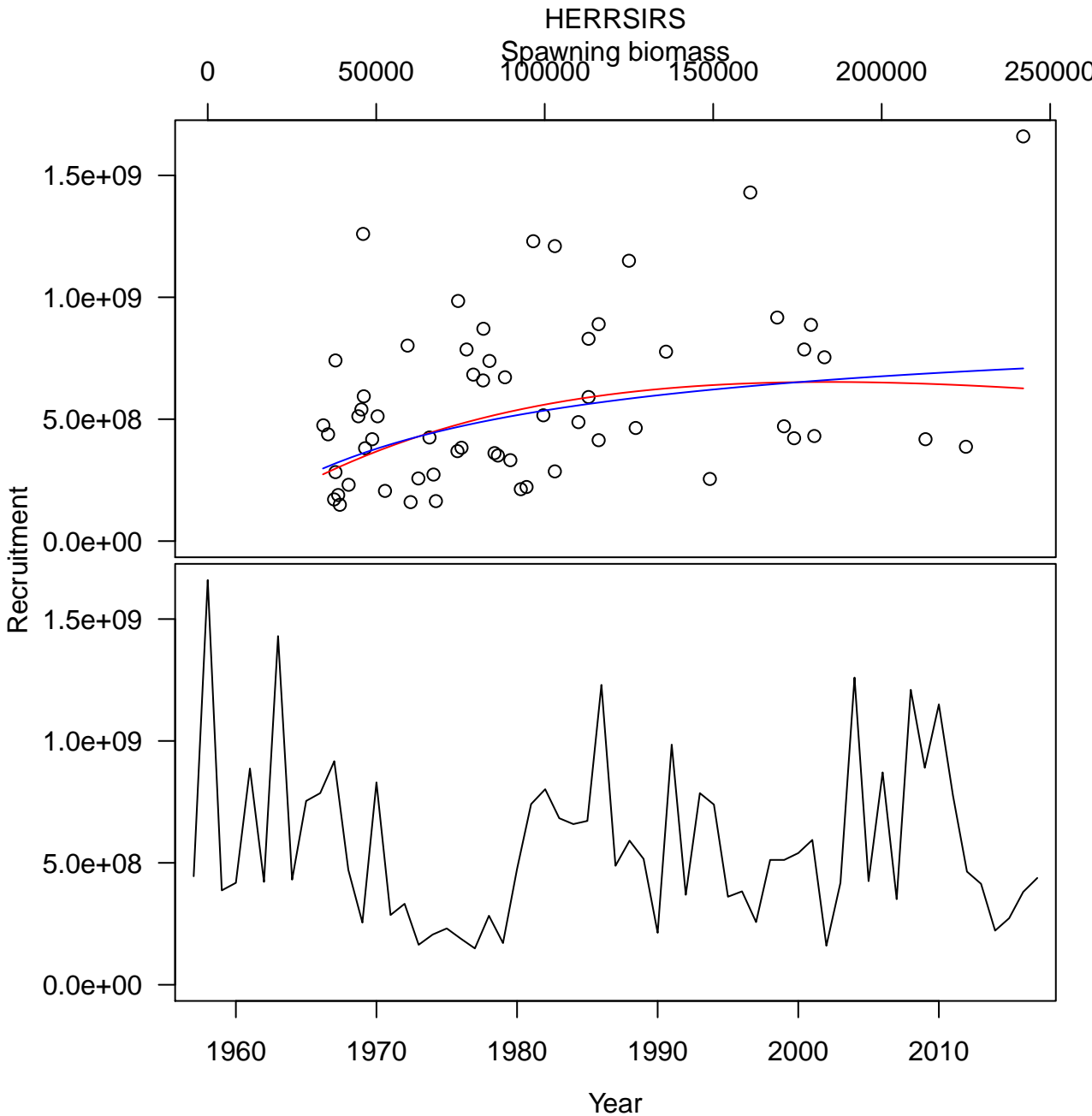








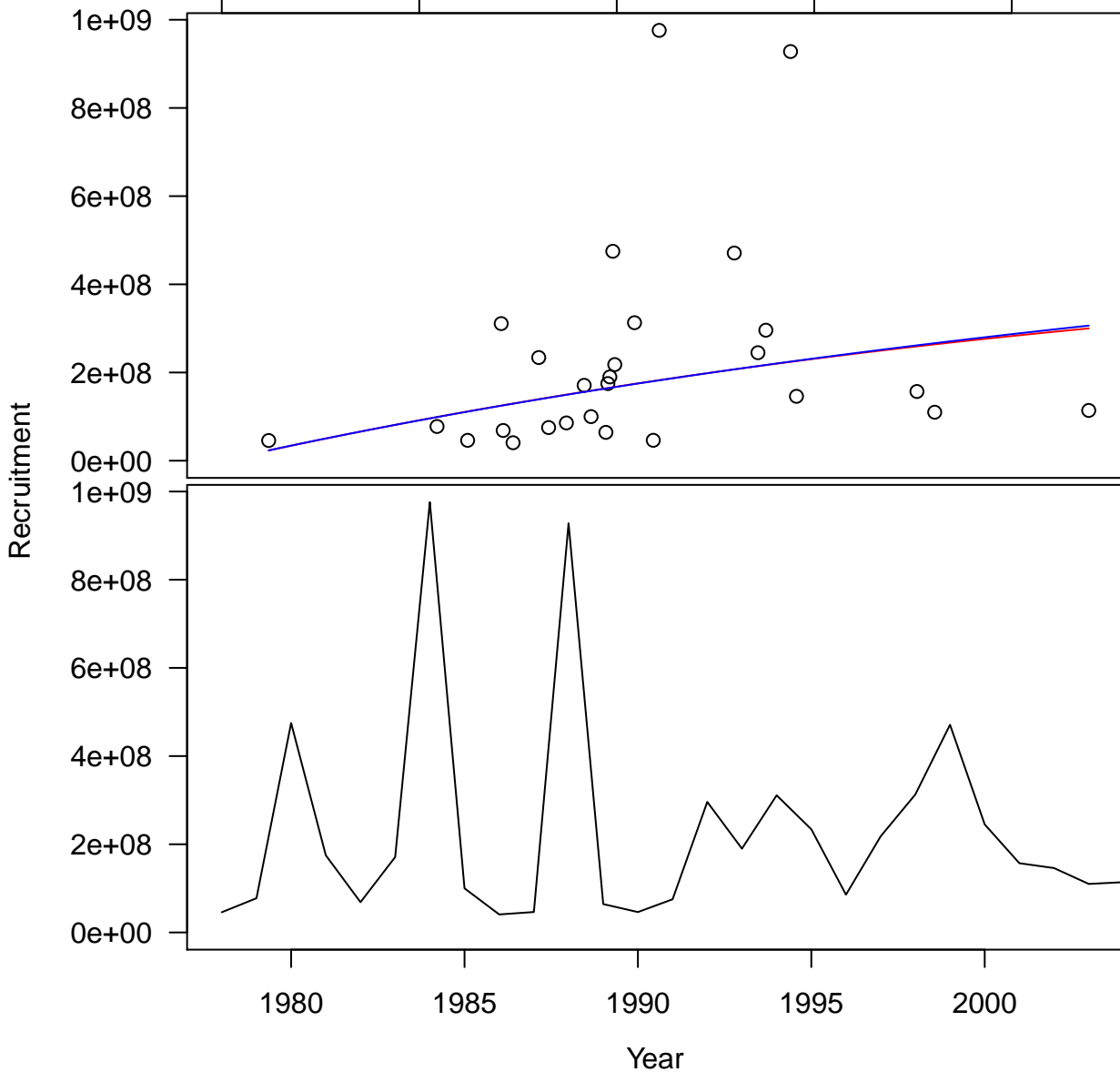


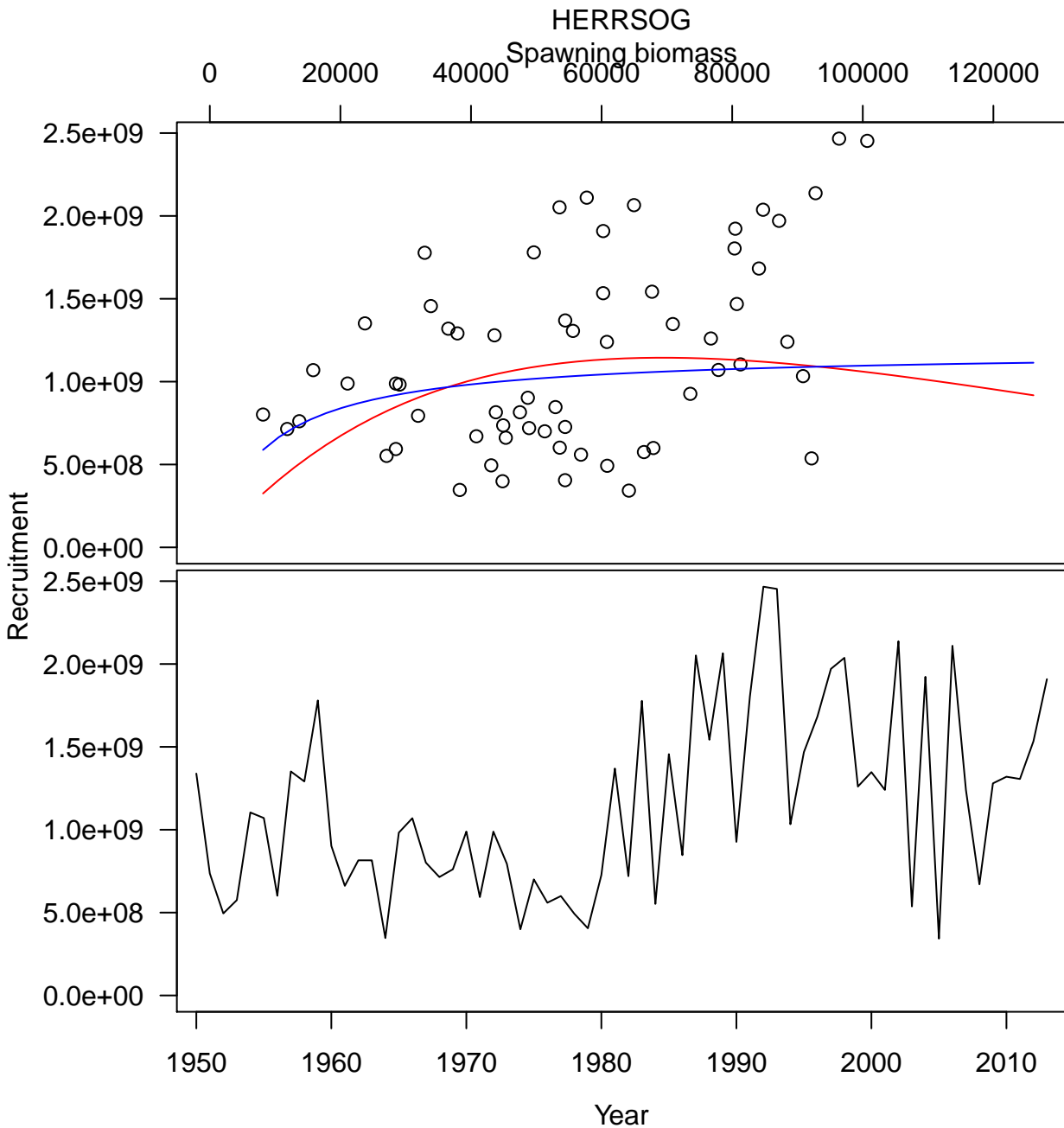


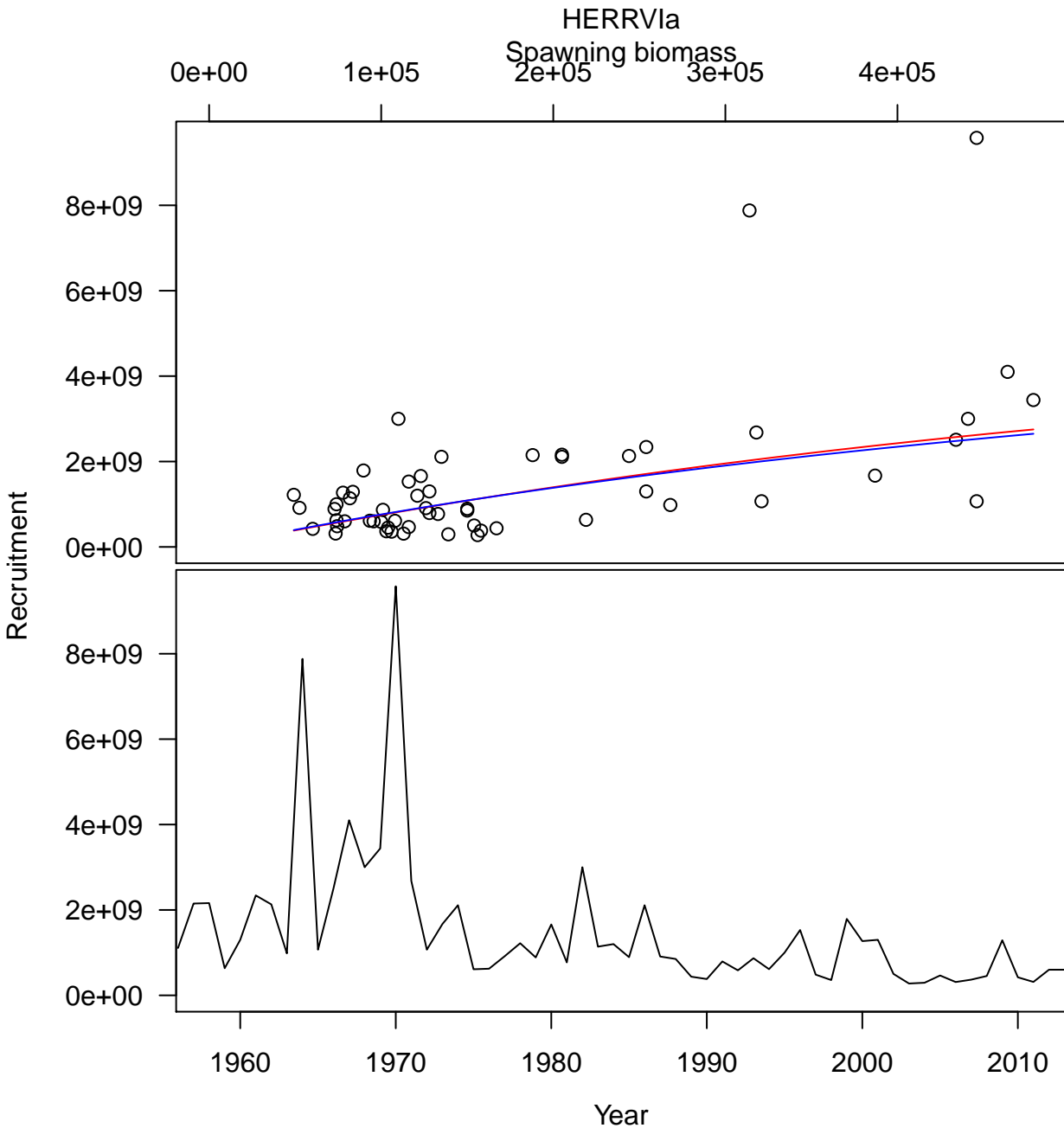
HERRSITKA

Spawning biomass

0 20000 40000 60000 80000

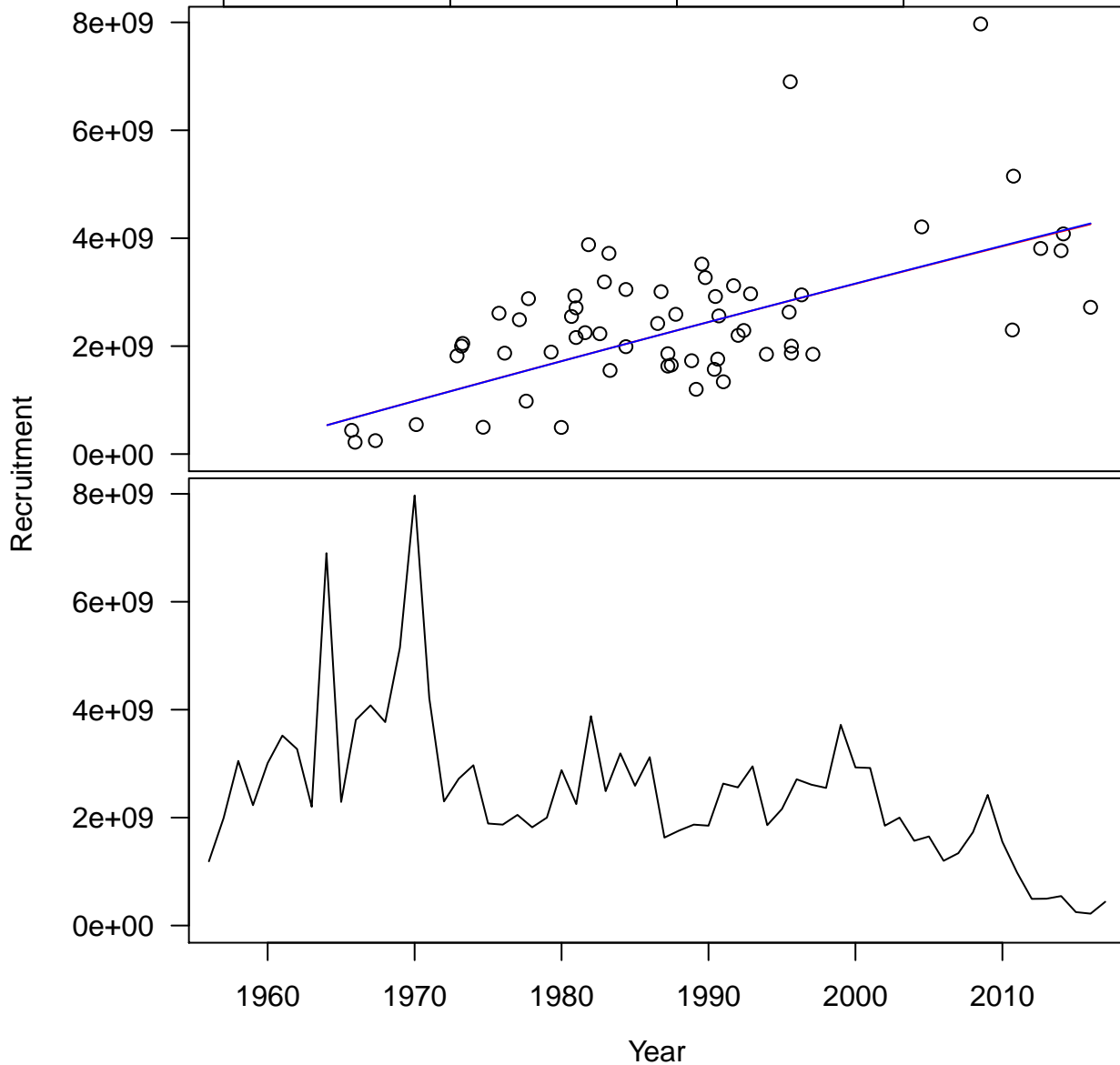






HERRVlaVIIbc
Spawning biomass

0e+00 2e+05 4e+05 6e+05



HERRWCVANI

Spawning biomass

0

20000

40000

60000

80000

1.5e+09

1.0e+09

5.0e+08

0.0e+00

Recruitment

1.5e+09

1.0e+09

5.0e+08

0.0e+00

1950

1960

1970

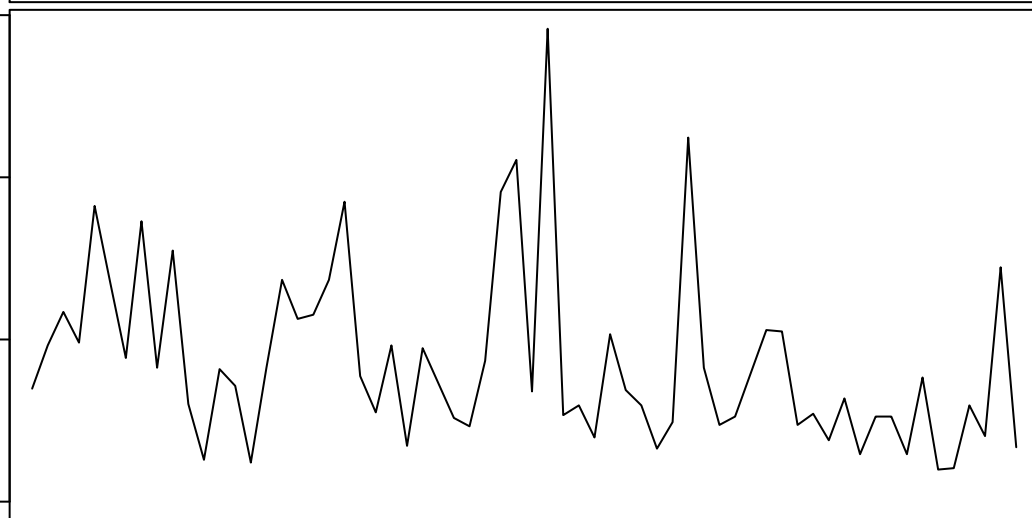
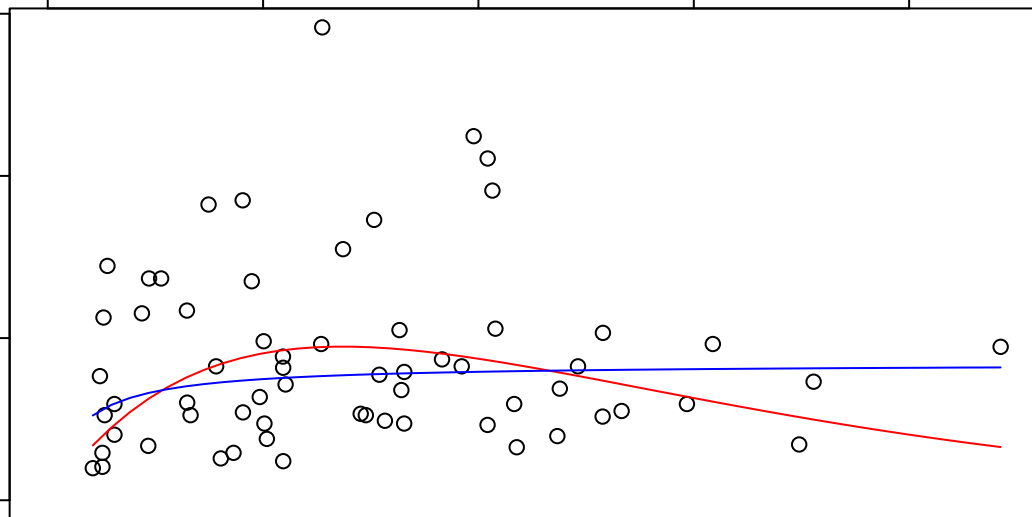
1980

1990

2000

2010

Year



HMACKIIa.IVa.Vb.VIa.VII.VIII

Spawning biomass

0e+00

1e+06

2e+06

3e+06

4e+06

5e+06

5e+10

4e+10

3e+10

2e+10

1e+10

0e+00

Recruitment

5e+10

4e+10

3e+10

2e+10

1e+10

0e+00

1985

1990

1995

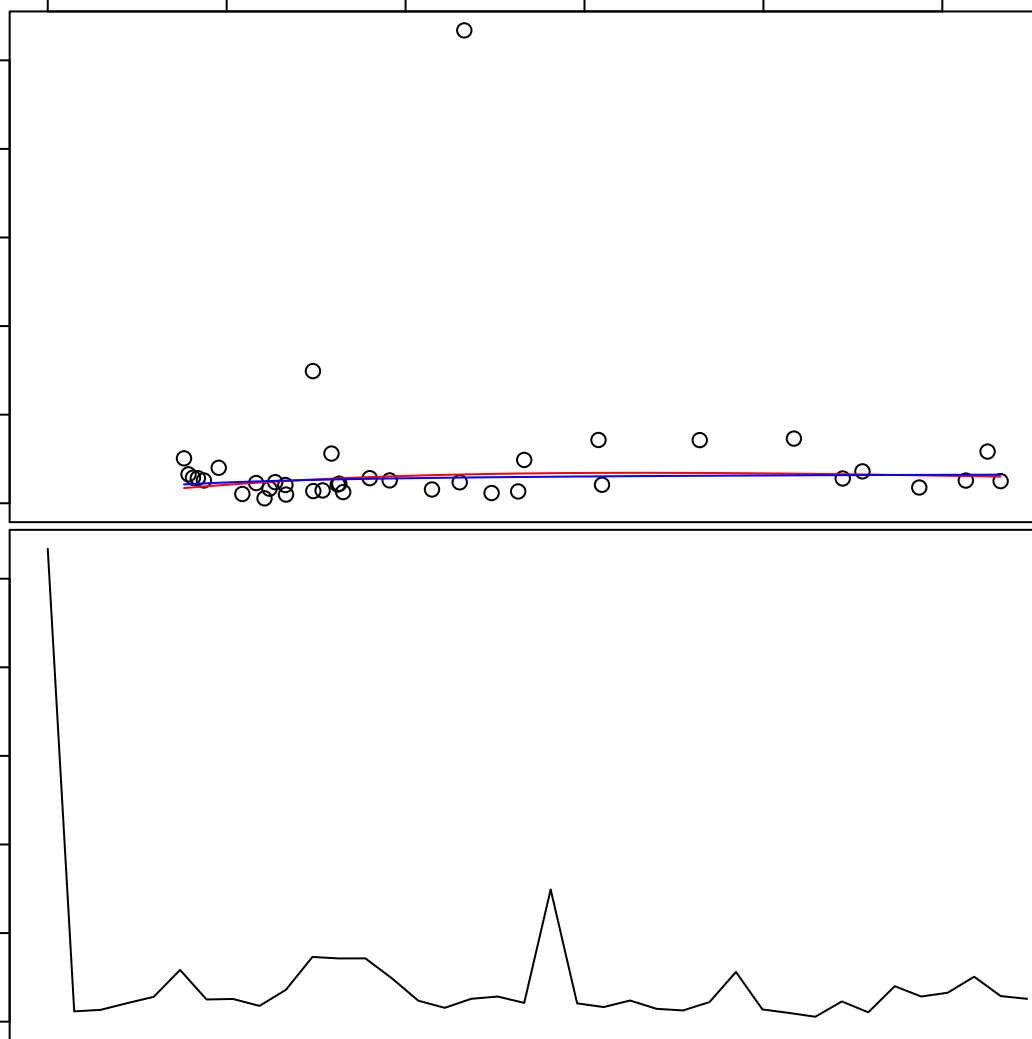
2000

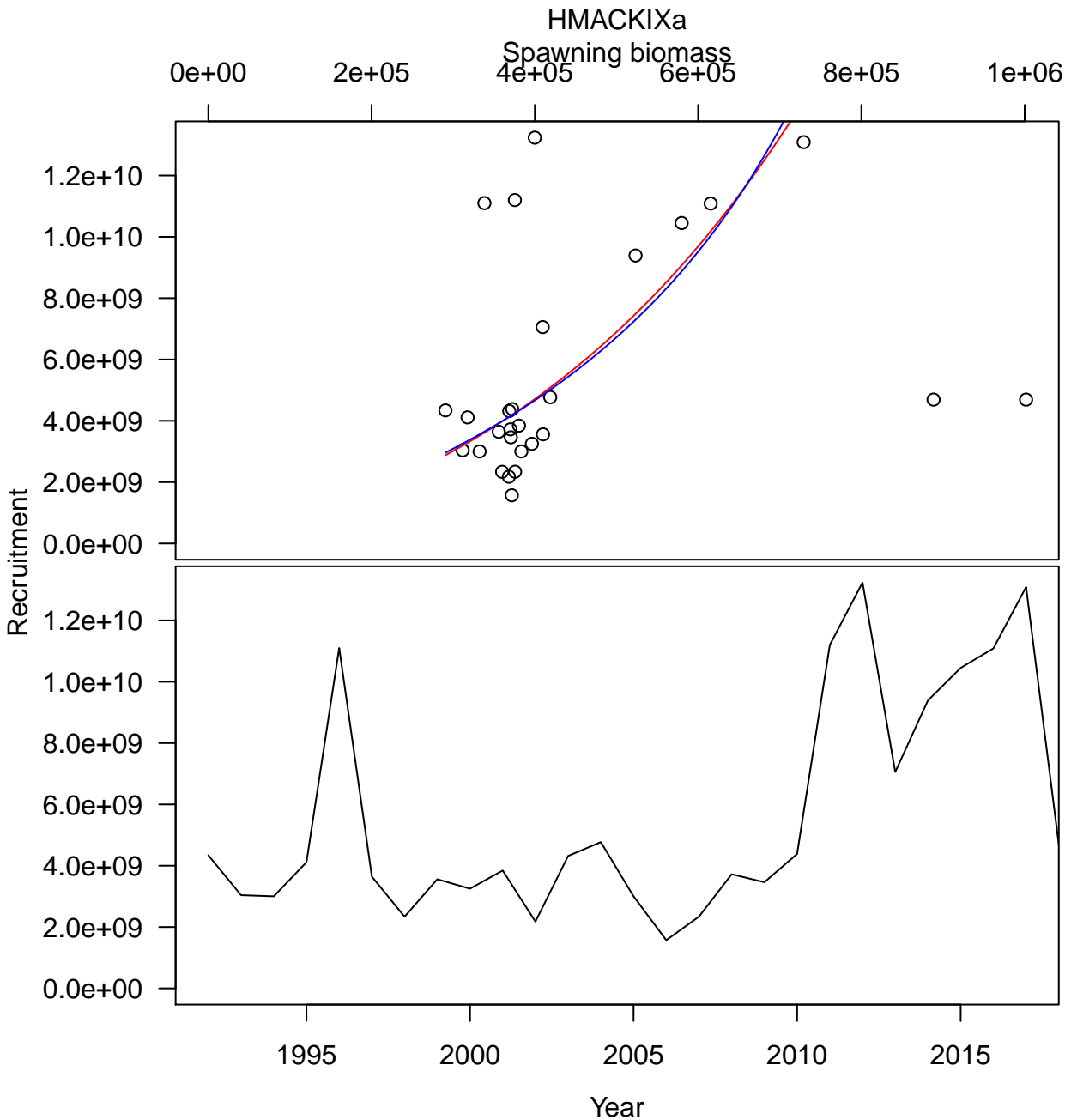
2005

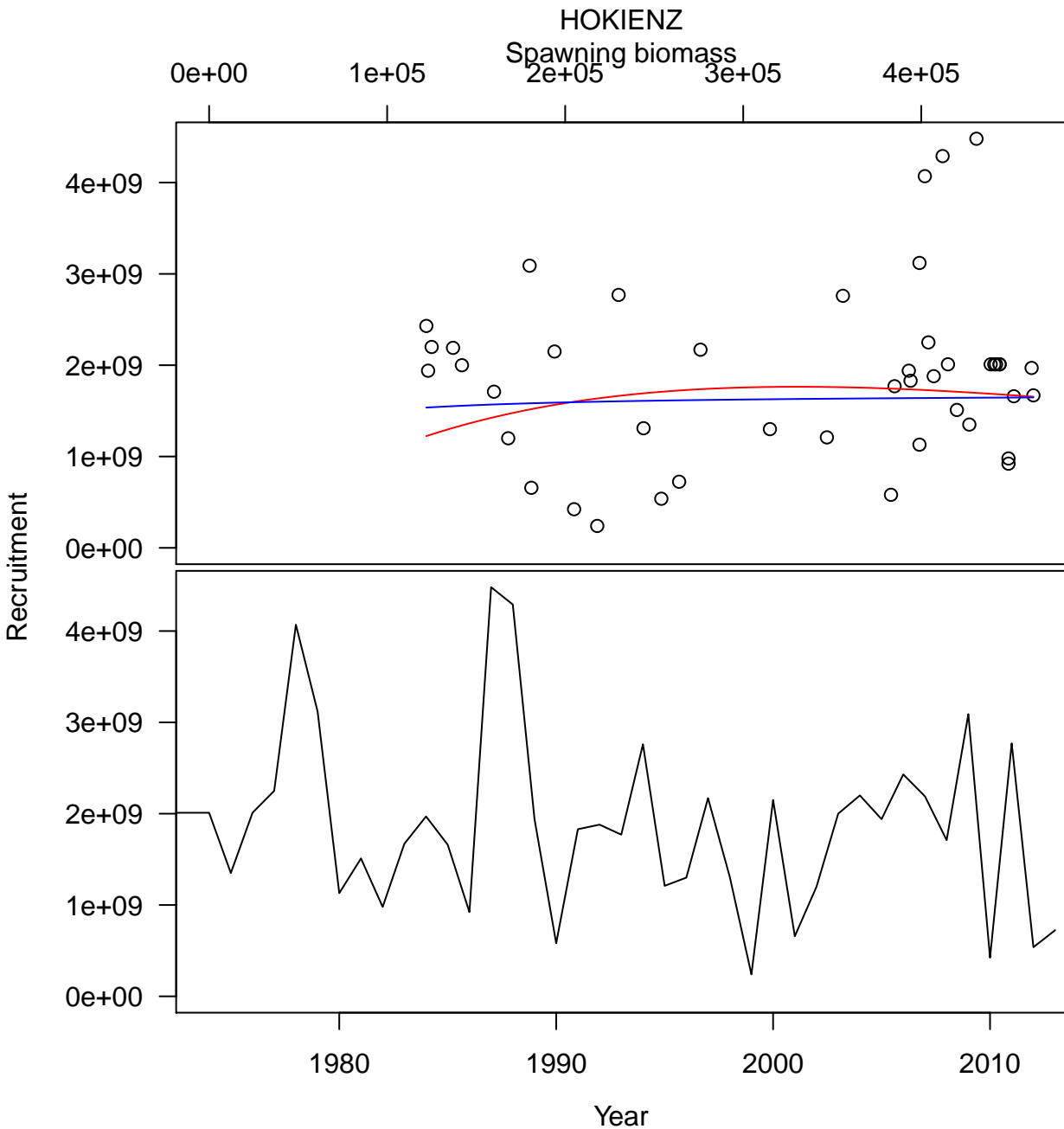
2010

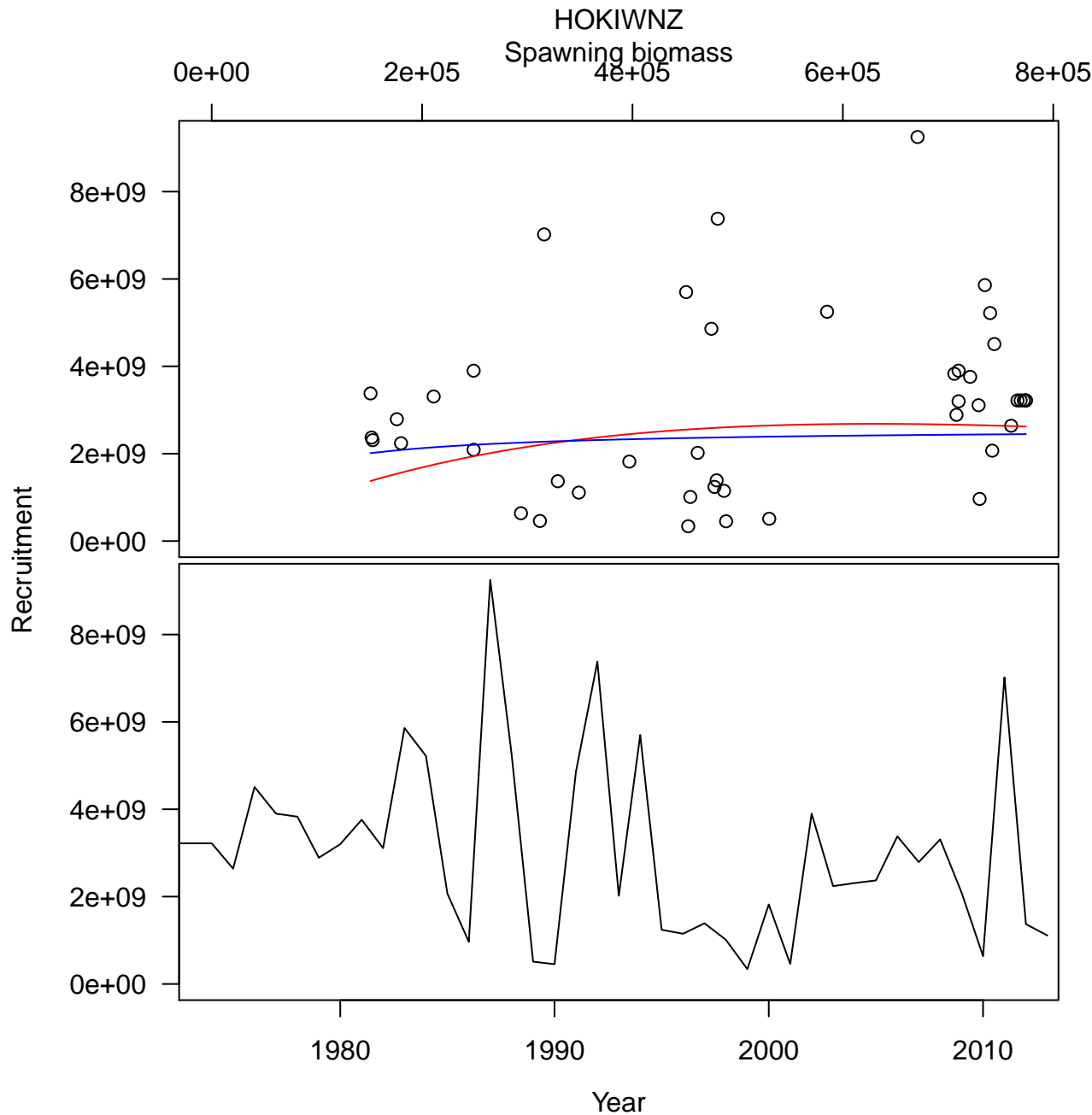
2015

Year









JANCHOPJPN

Spawning biomass

0e+00

2e+05

4e+05

6e+05

8e+05

1.5e+11

1.0e+11

5.0e+10

0.0e+00

Recruitment

1.5e+11

1.0e+11

5.0e+10

0.0e+00

1980

1985

1990

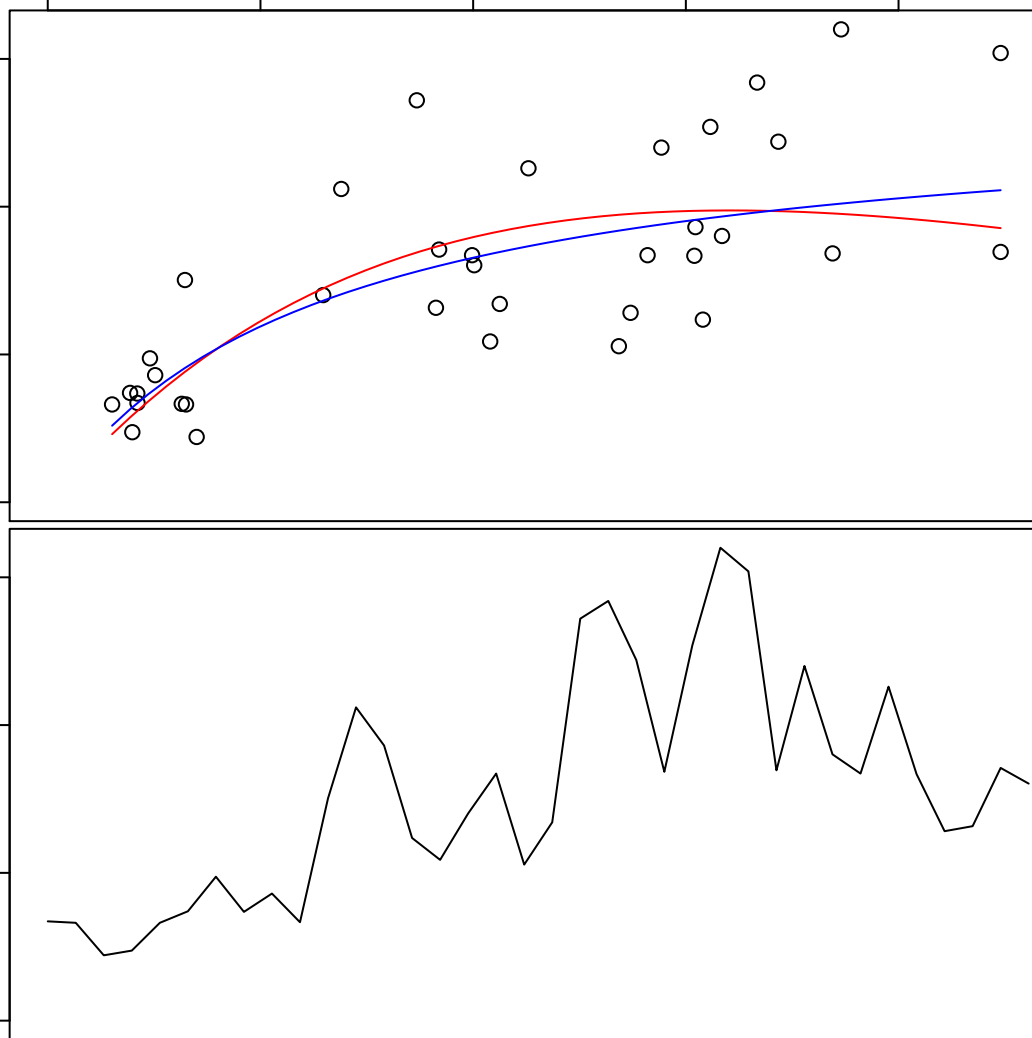
1995

2000

2005

2010

Year



JANCHOSETO

Spawning biomass

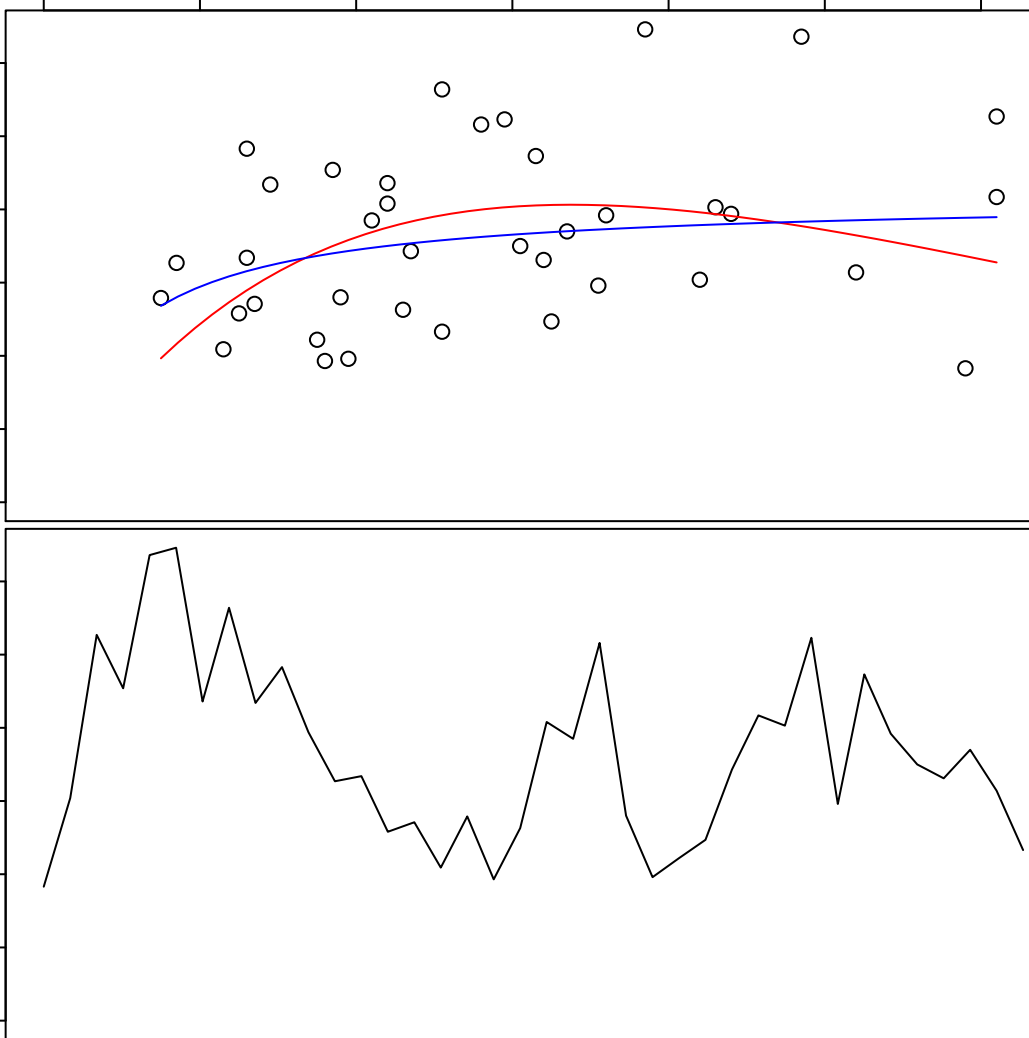
0 20000 40000 60000 80000 100000 120000

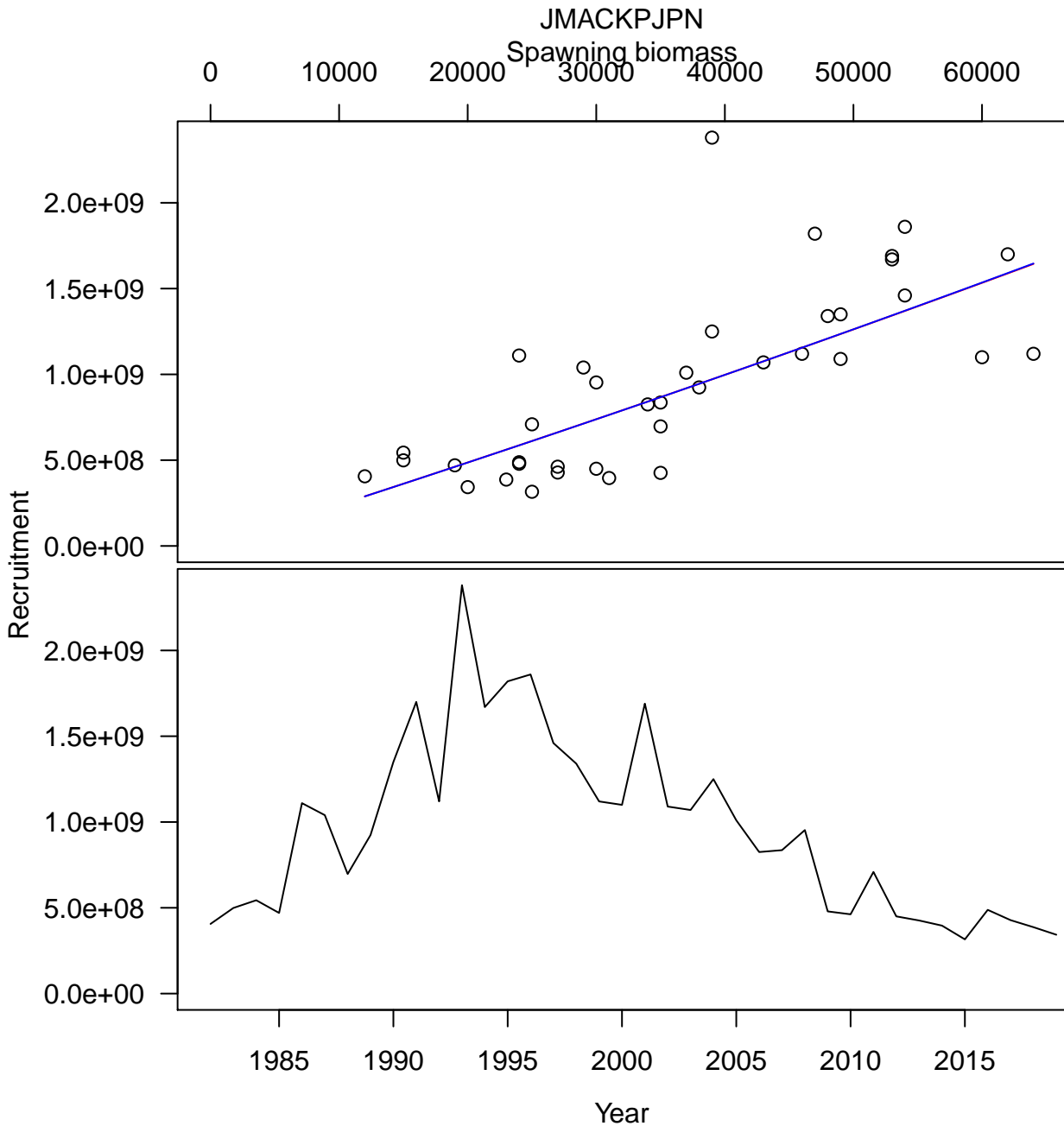
Recruitment

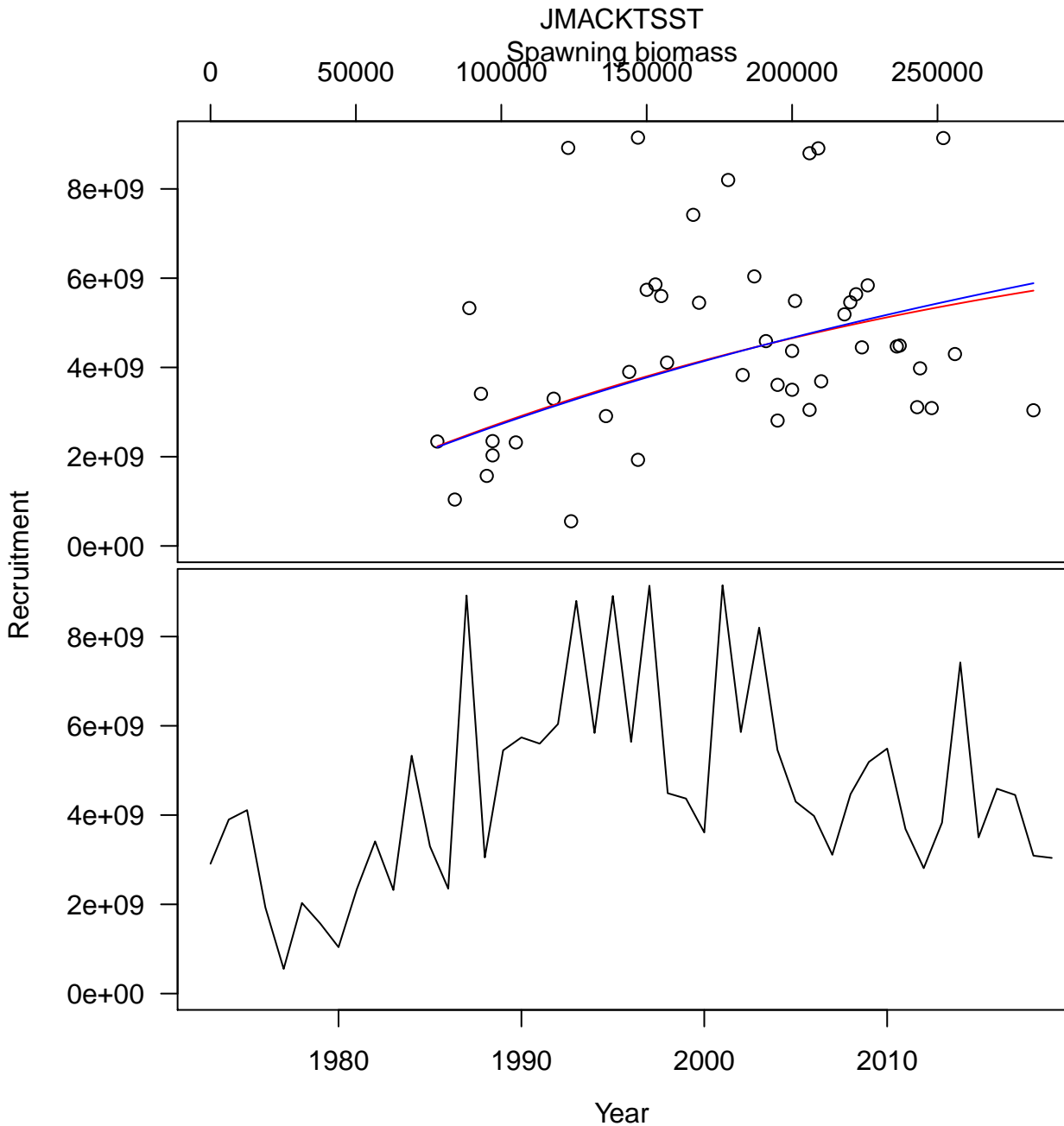
6e+11
5e+11
4e+11
3e+11
2e+11
1e+11
0e+00
6e+11
5e+11
4e+11
3e+11
2e+11
1e+11
0e+00

1980 1985 1990 1995 2000 2005 2010 2015

Year







JPUFFIMKB
Spawning biomass

0

50

100

150

Recruitment

1e+06

8e+05

6e+05

4e+05

2e+05

0e+00

1e+06

8e+05

6e+05

4e+05

2e+05

0e+00

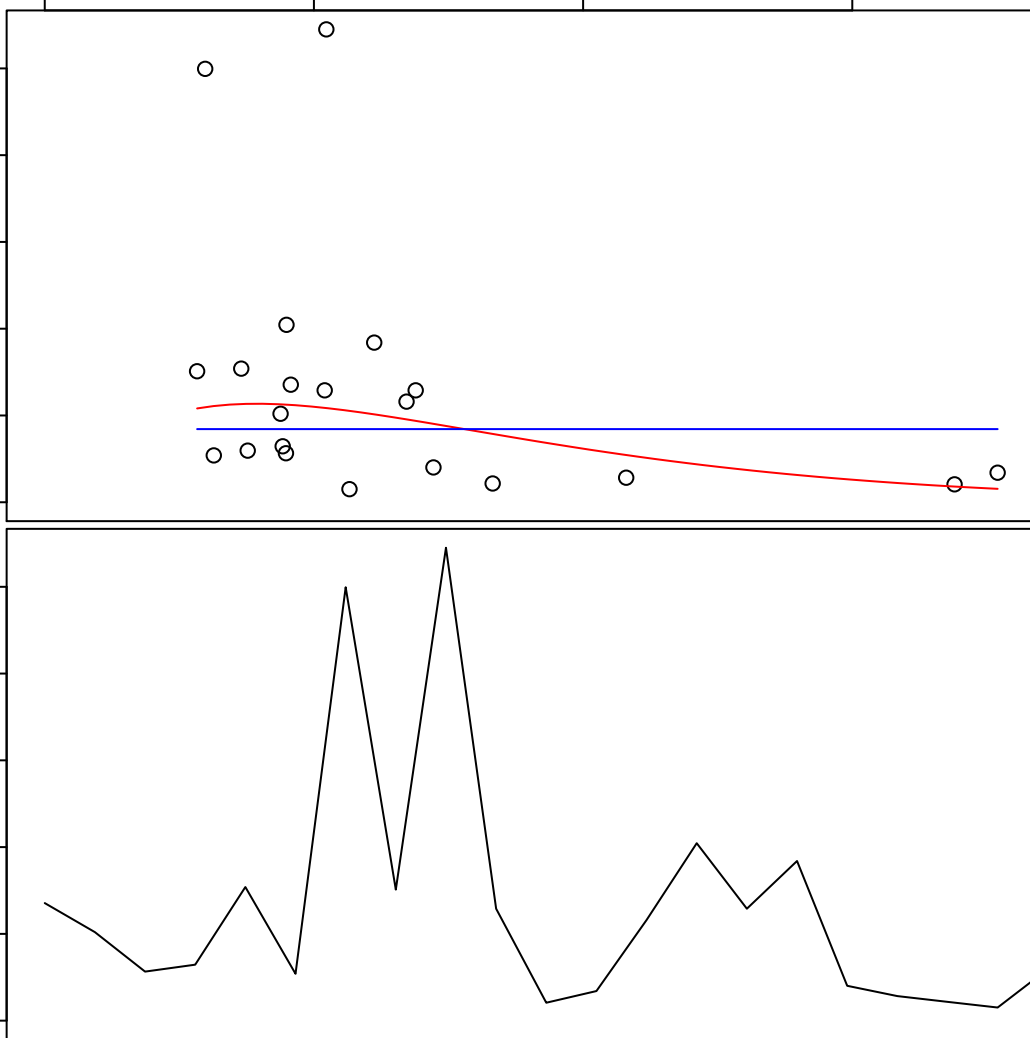
1995

2000

2005

2010

Year



KELPGREENLINGORECOAST

Spawning biomass

0

100

200

300

400

500

3500000

3000000

2500000

2000000

1500000

1000000

500000

0

Recruitment

3500000

3000000

2500000

2000000

1500000

1000000

500000

0

1980

1985

1990

1995

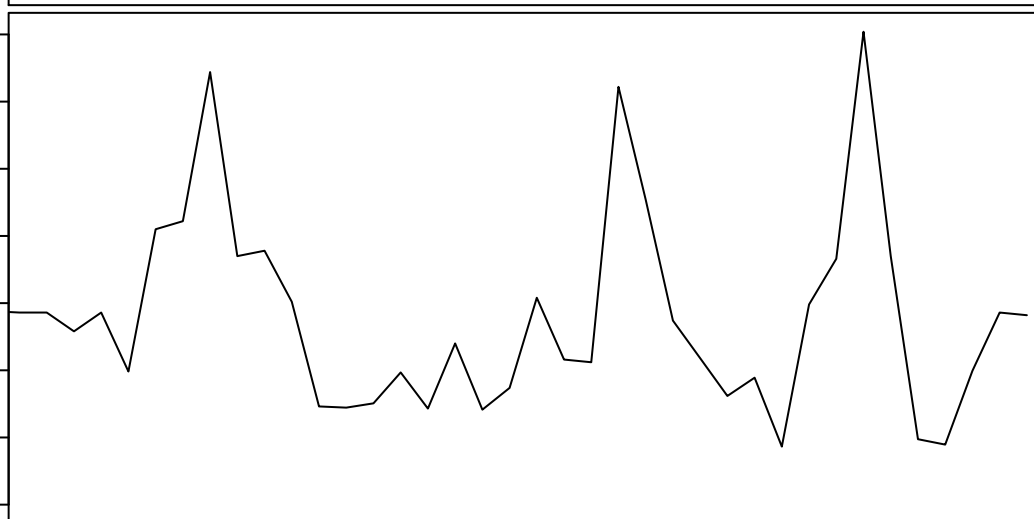
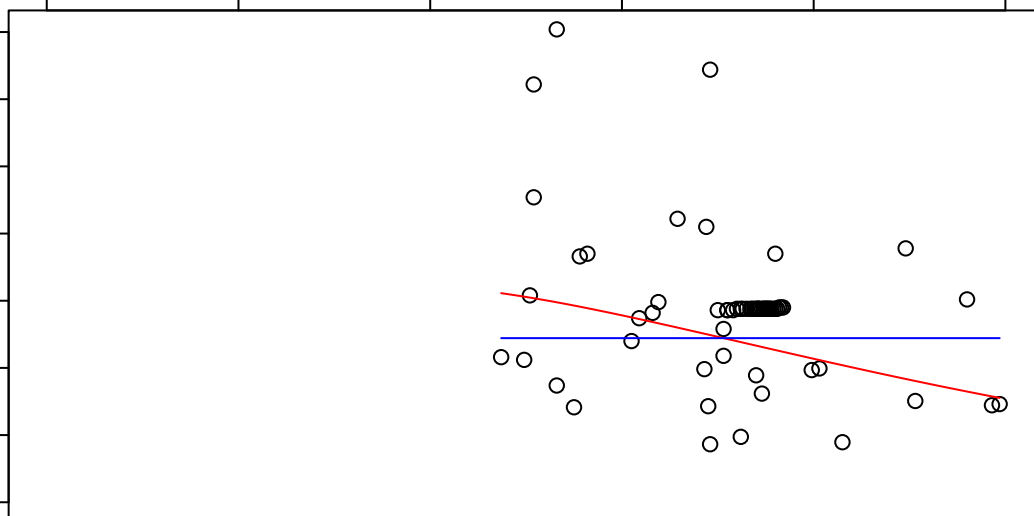
2000

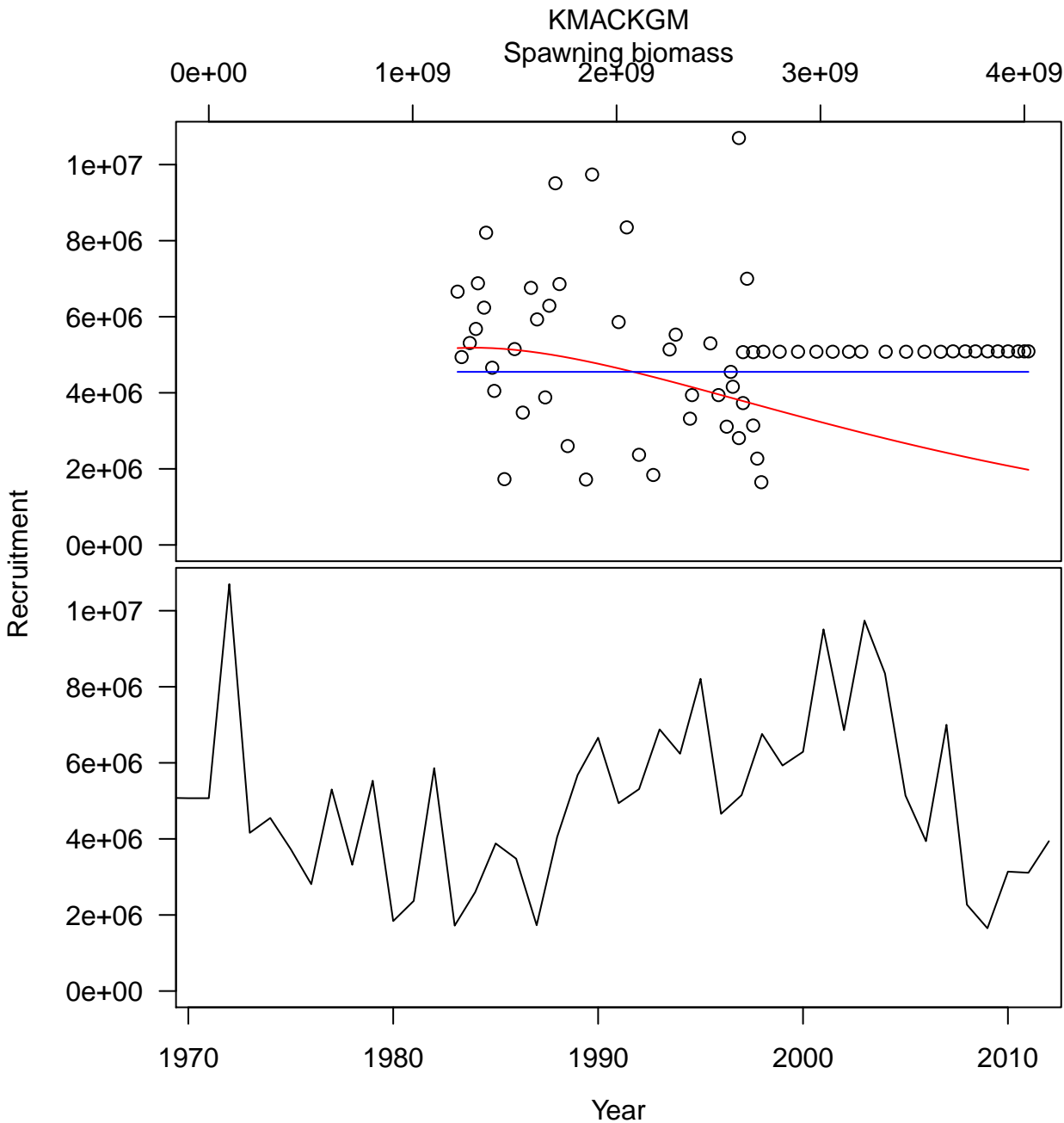
2005

2010

2015

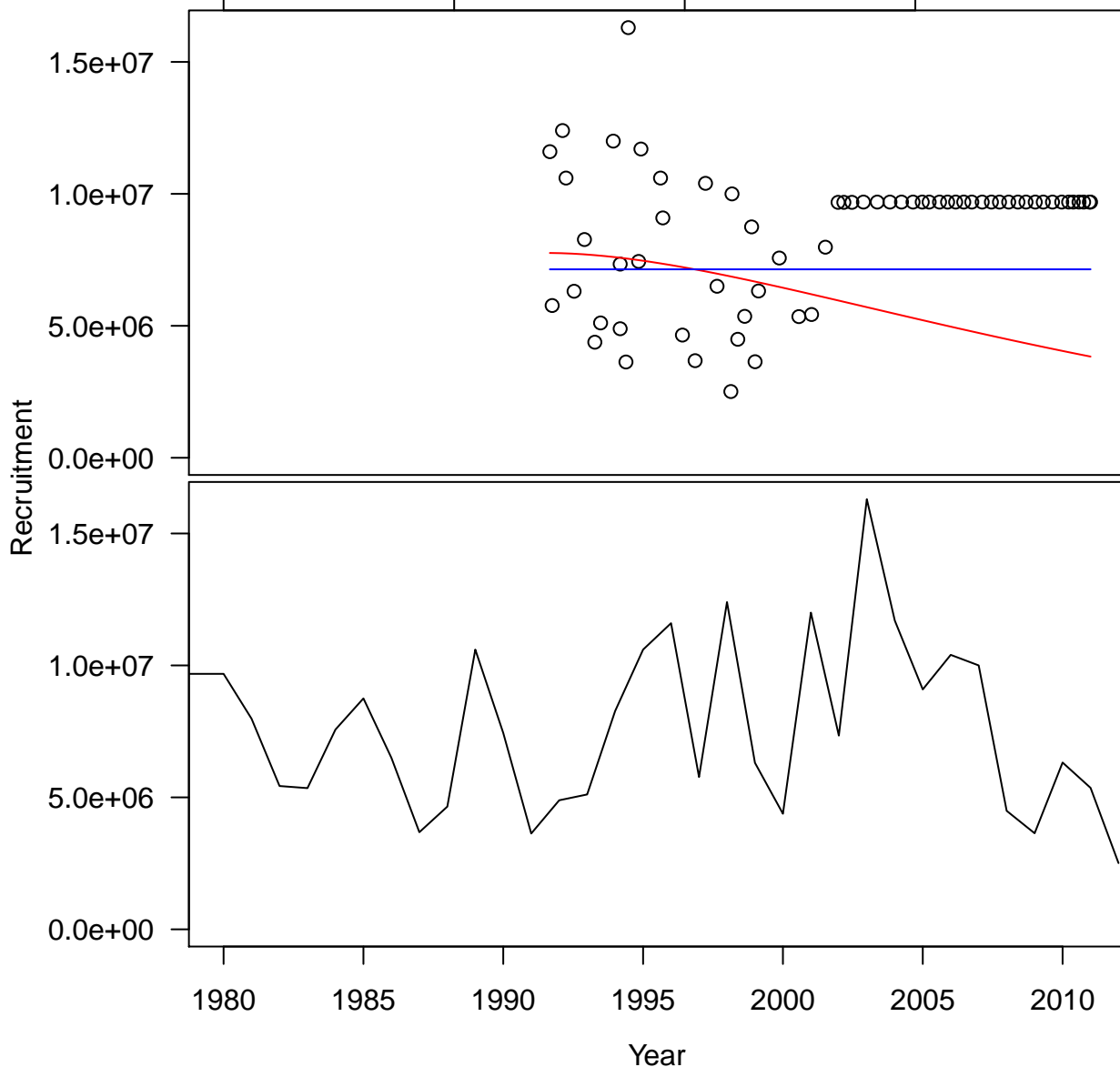
Year

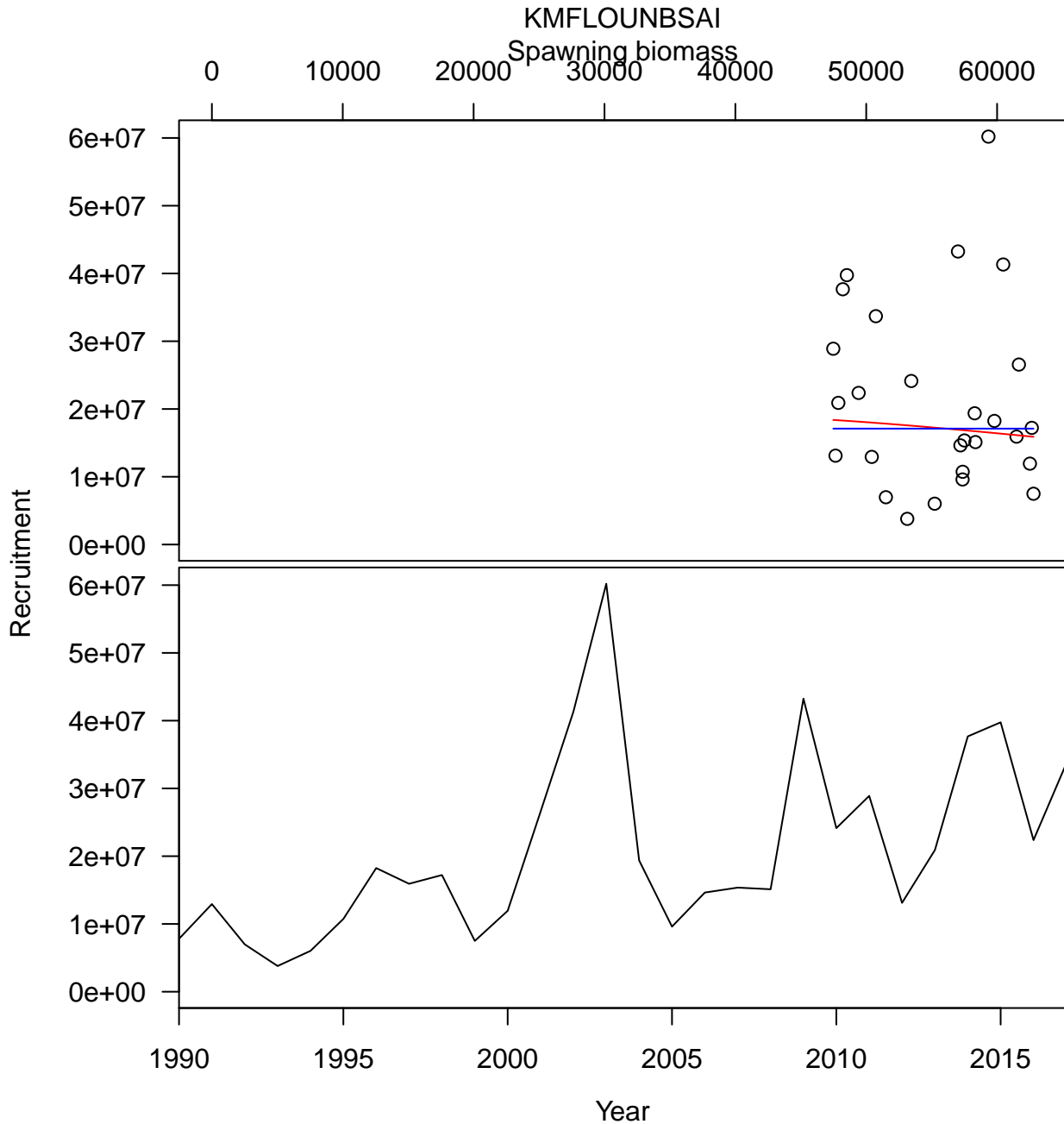




KMACKSATLC Spawning biomass

0e+00 2e+09 4e+09 6e+09





LINGCODNPCOAST

Spawning biomass

0

5000

10000

15000

20000

25000

2.0e+07

1.5e+07

1.0e+07

5.0e+06

0.0e+00

Recruitment

2.0e+07

1.5e+07

1.0e+07

5.0e+06

0.0e+00

1960

1970

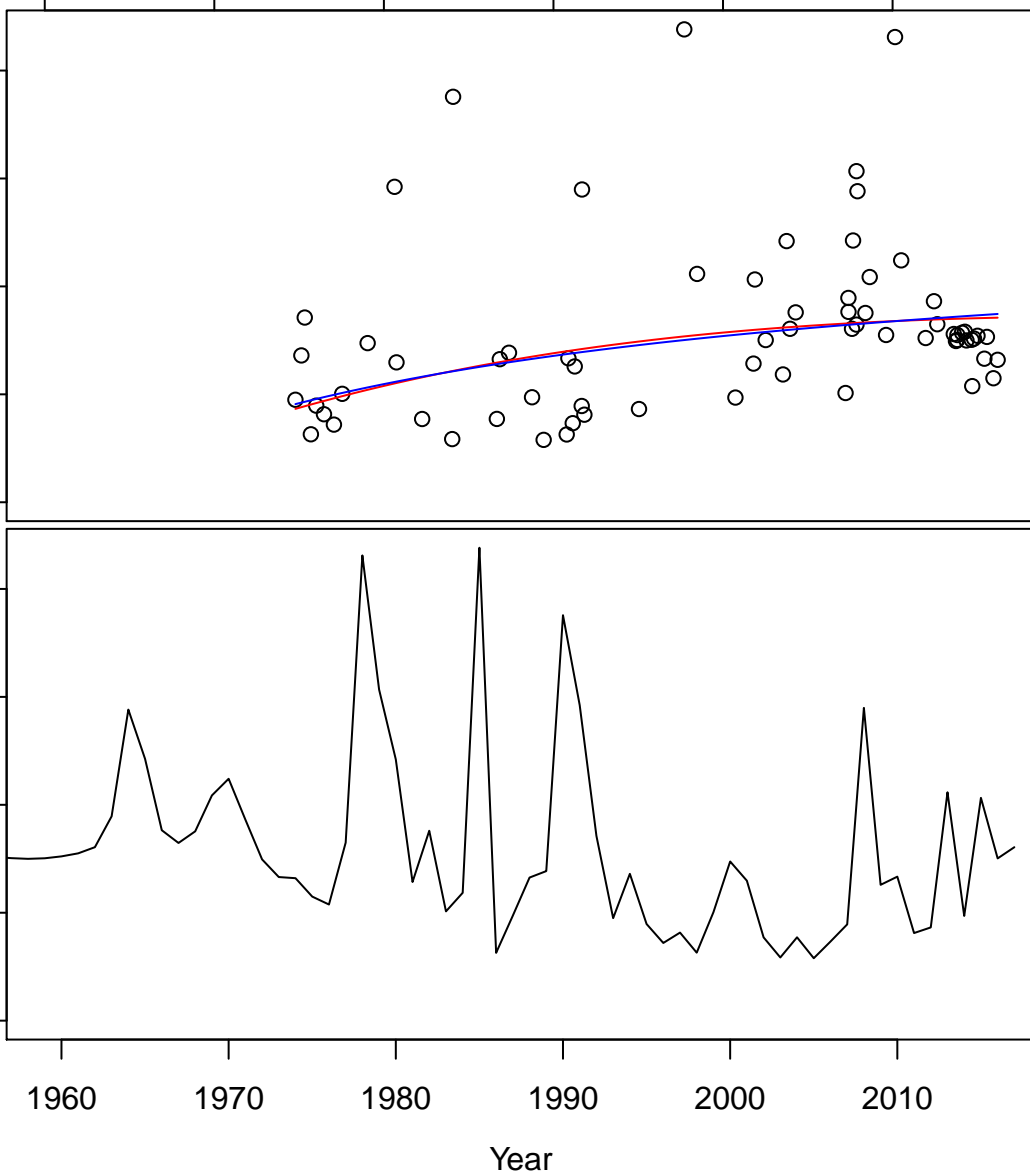
1980

1990

2000

2010

Year



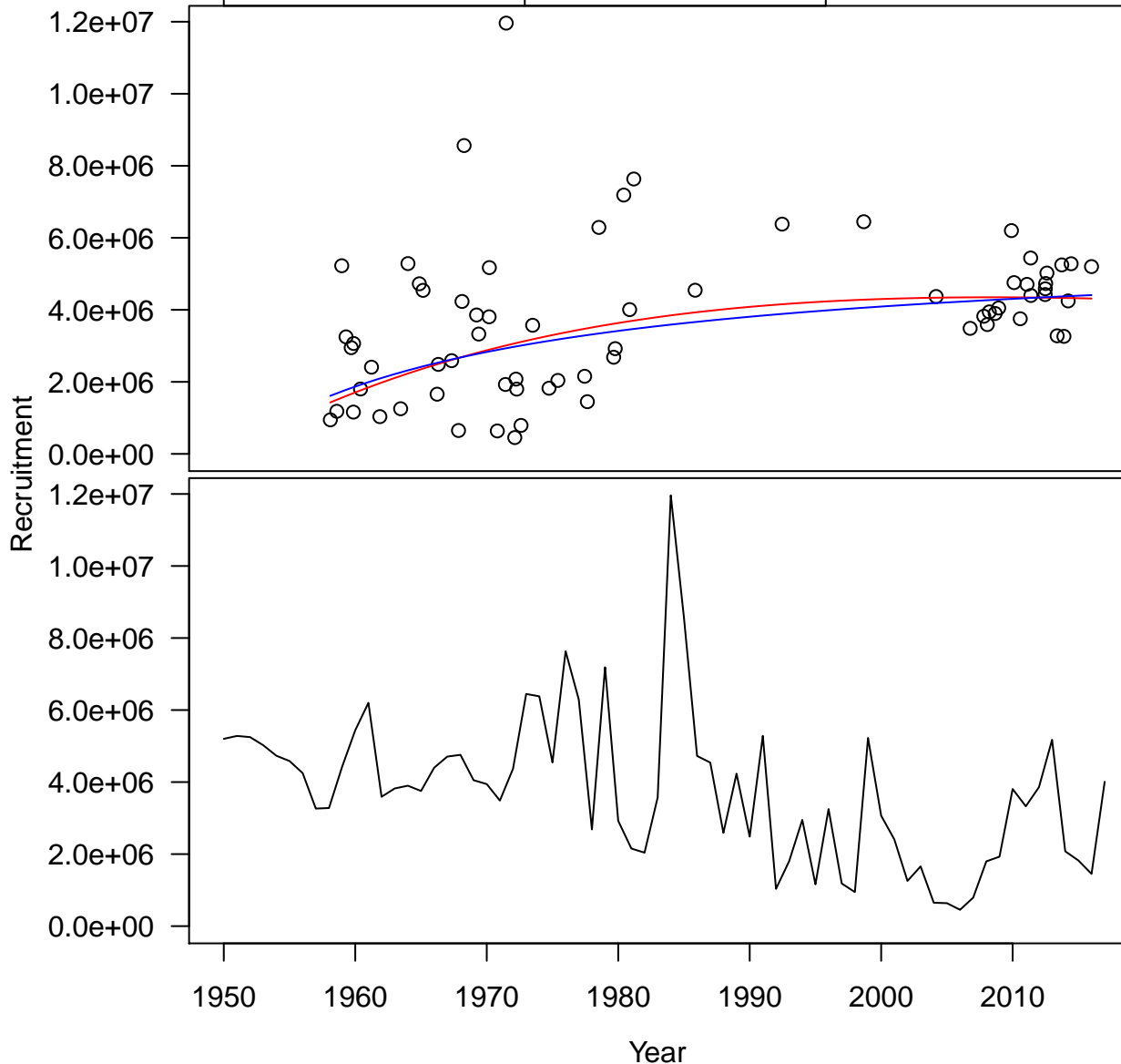
LINGCODSPCOAST

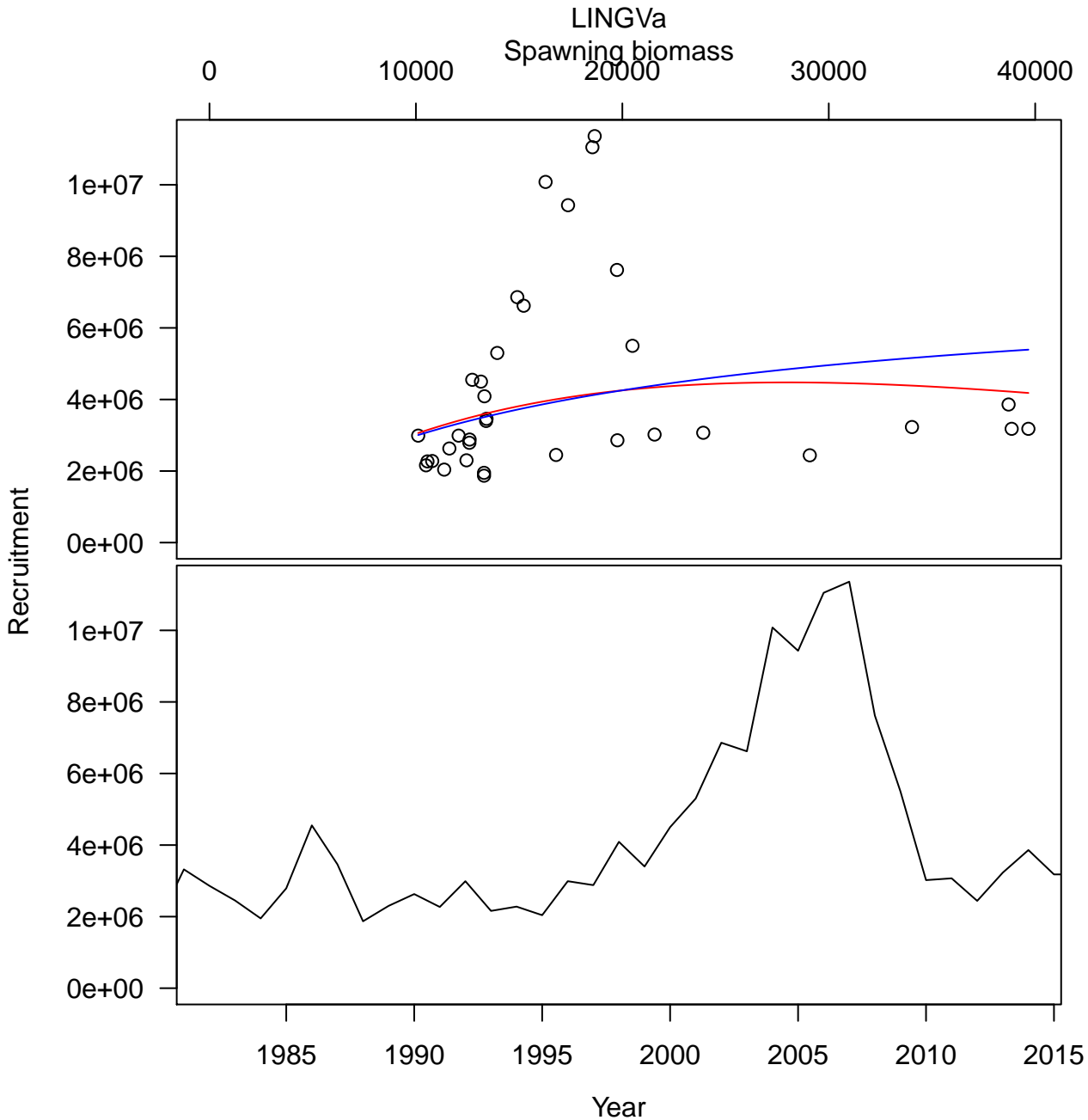
Spawning biomass

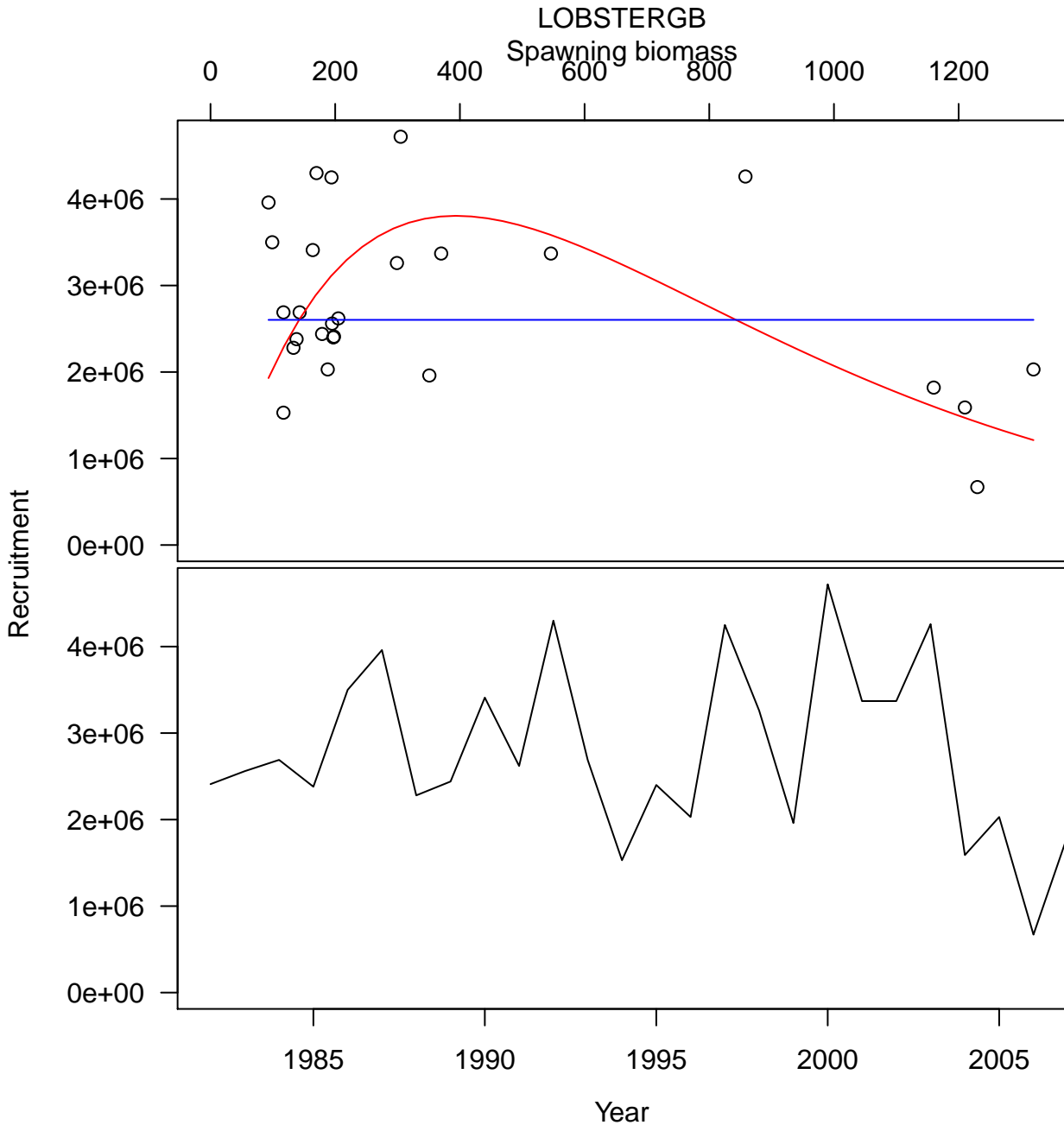
0

5000

10000



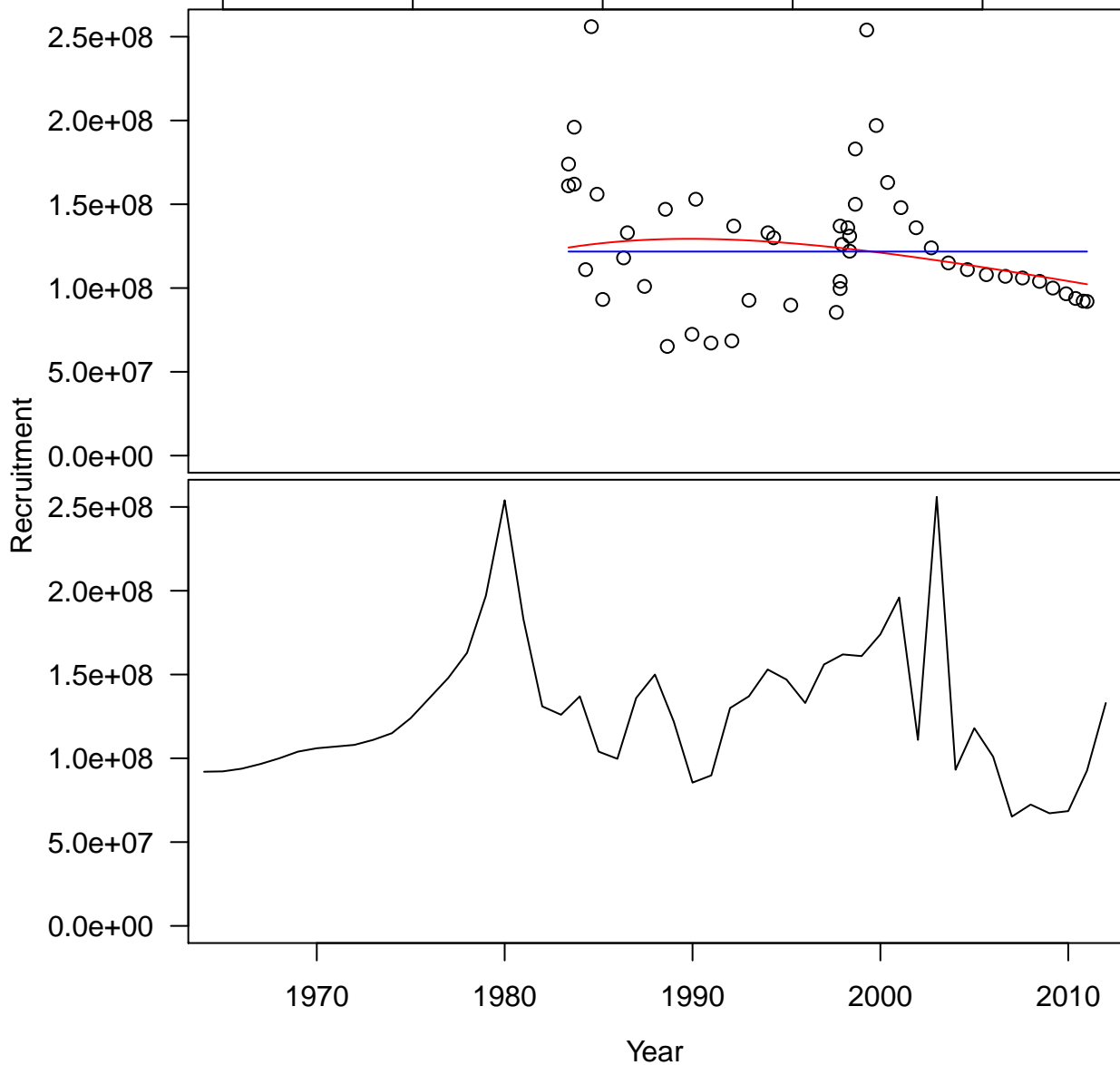


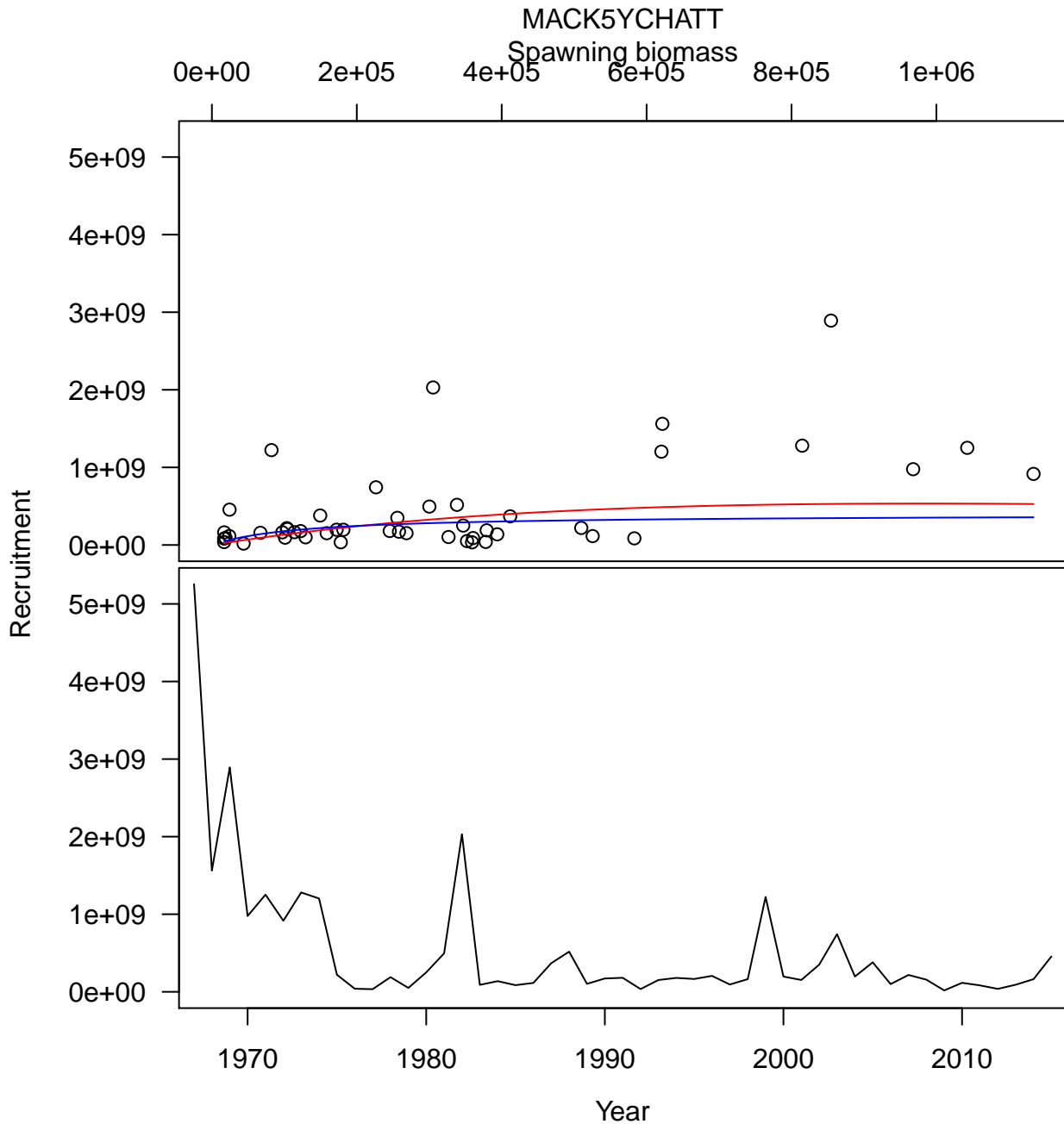


LSTHORNHPCOAST

Spawning biomass

0 10000 20000 30000 40000





MACKNWATLSA3.4

Spawning biomass

0e+00 1e+05 2e+05 3e+05 4e+05

Recruitment

5e+05
4e+05
3e+05
2e+05
1e+05
0e+00
5e+05
4e+05
3e+05
2e+05
1e+05
0e+00

1970

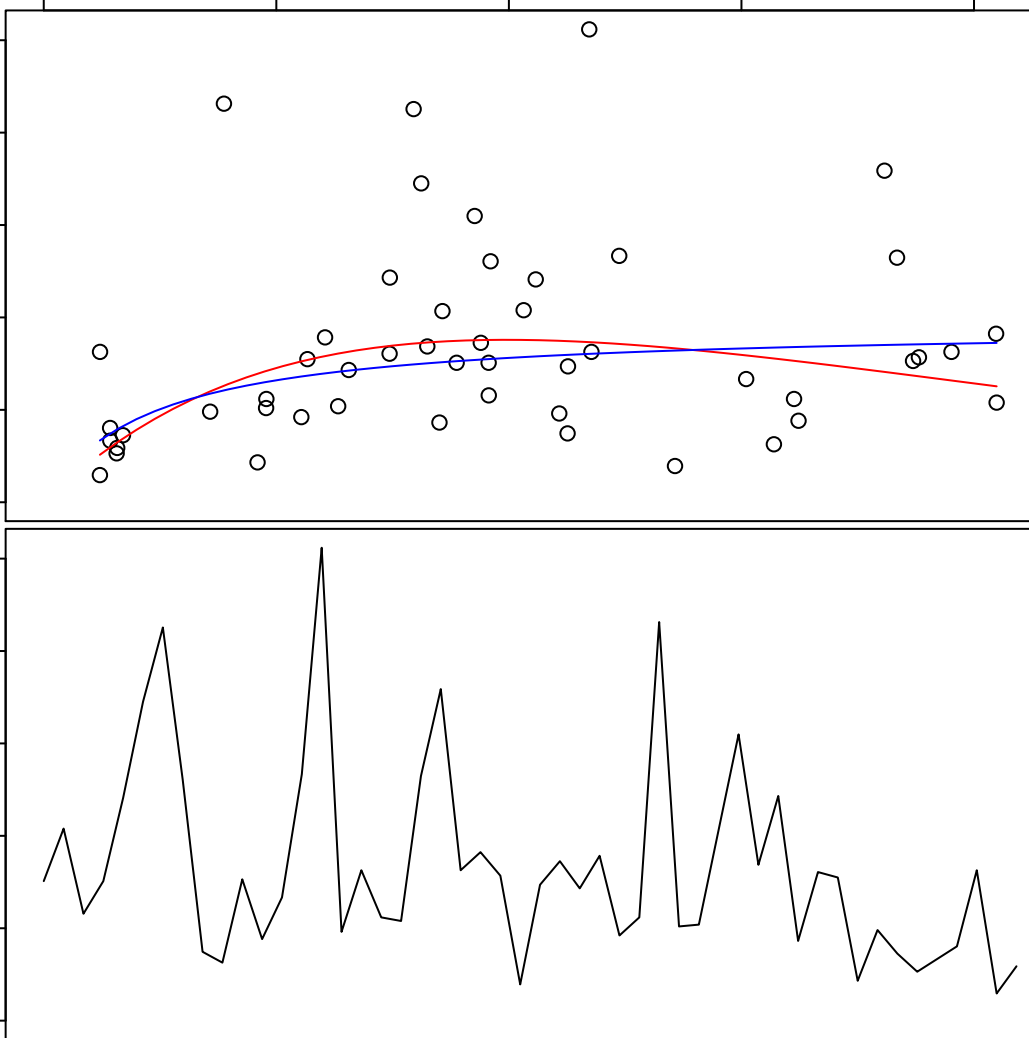
1980

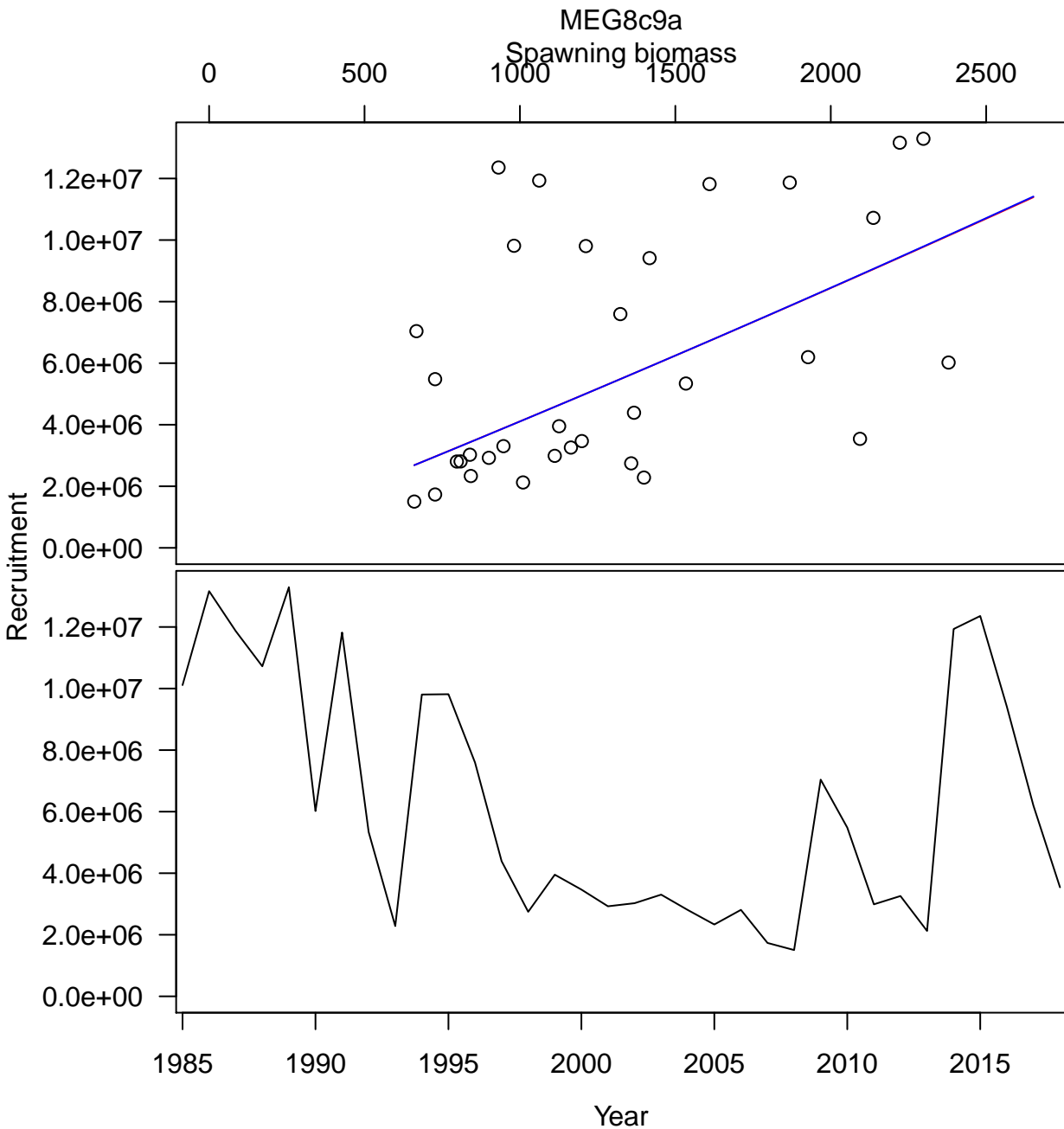
1990

2000

2010

Year





MENATGM

Spawning biomass

0e+00

1e+15

2e+15

3e+15

4e+15

2.0e+11

1.5e+11

1.0e+11

5.0e+10

0.0e+00

Recruitment

2.0e+11

1.5e+11

1.0e+11

5.0e+10

0.0e+00

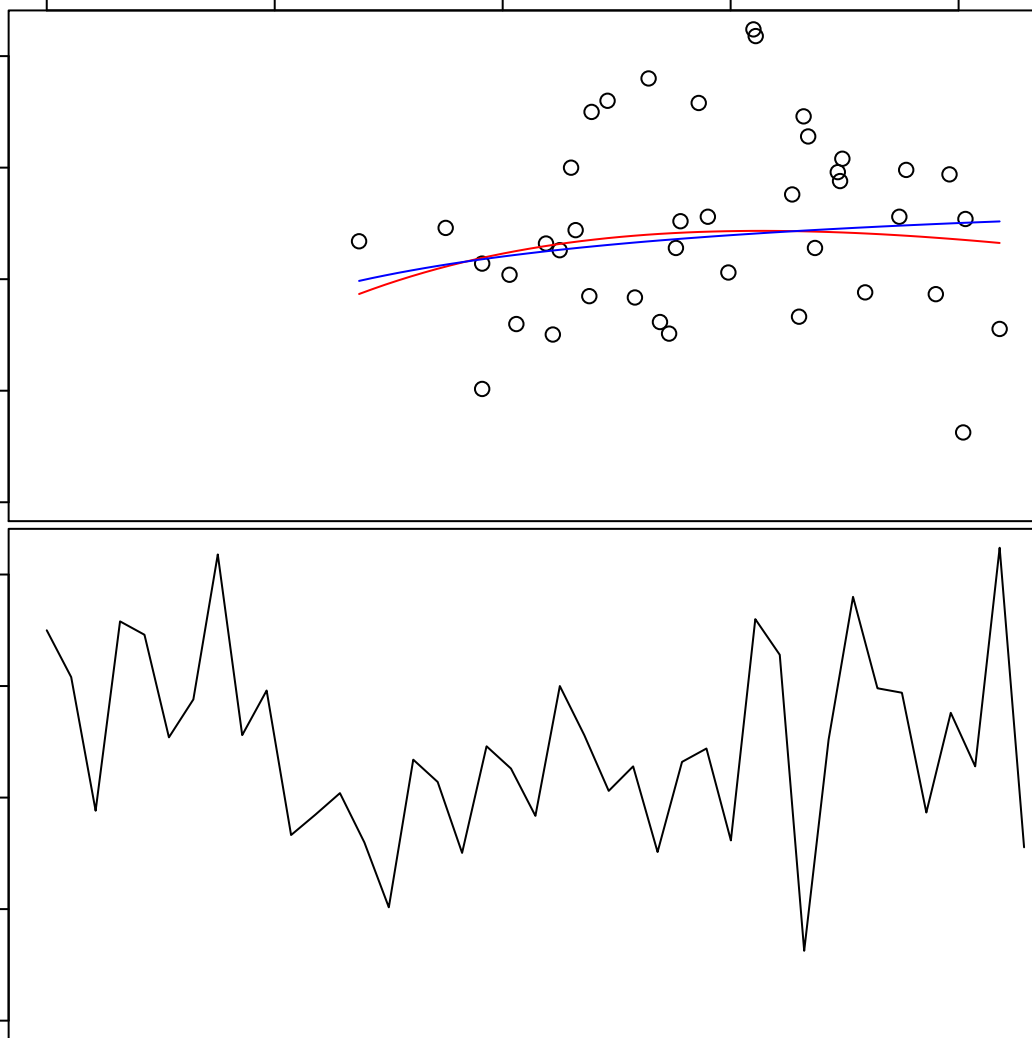
1980

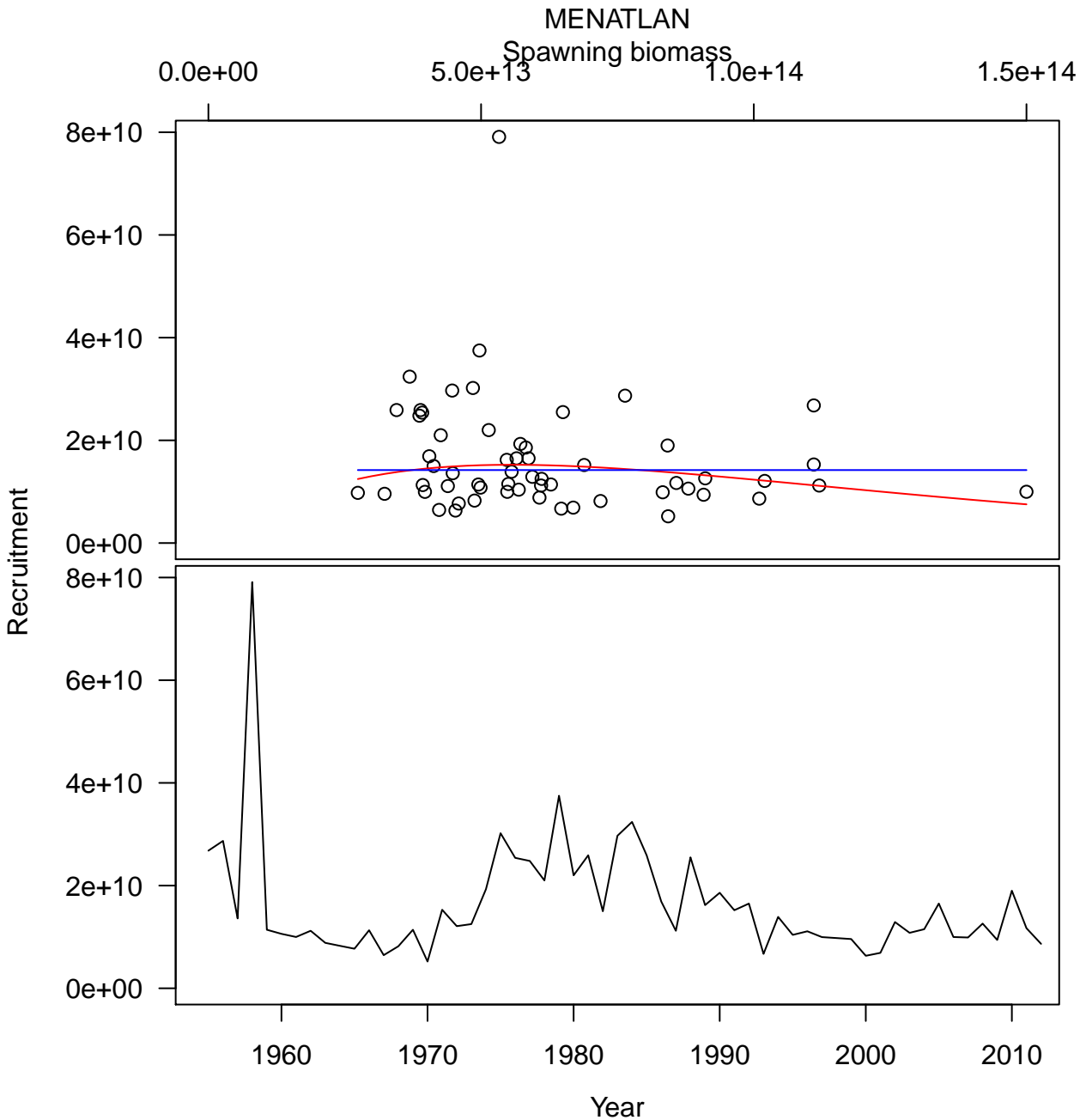
1990

2000

2010

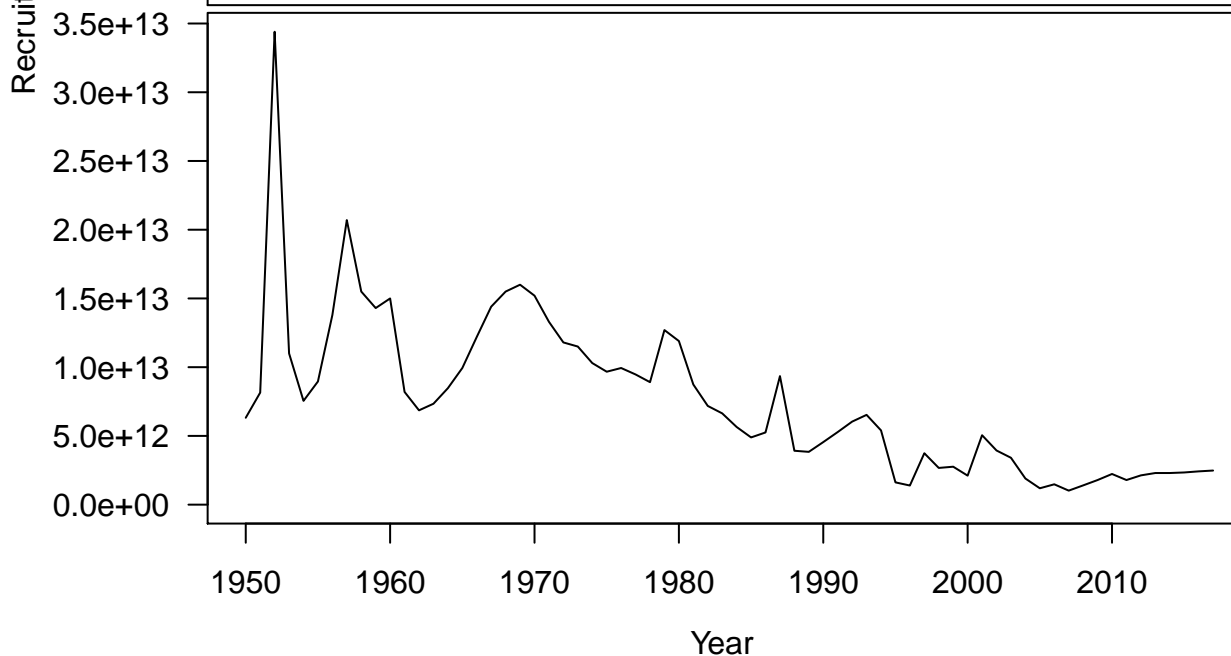
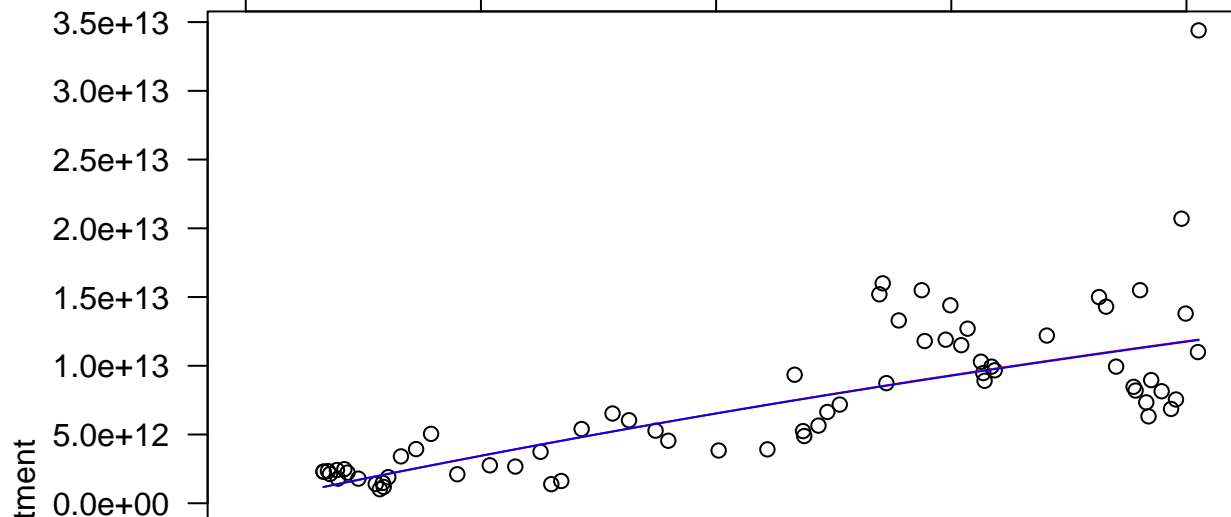
Year





MORWONGESE
Spawning biomass

0 5000 10000 15000 20000



MORWONGWSE

Spawning biomass

0 500 1000 1500 2000 2500

1.5×10^{12}

1.0×10^{12}

5.0×10^{11}

0.0×10^0

Recruitment

1.5×10^{12}

1.0×10^{12}

5.0×10^{11}

0.0×10^0

1990

1995

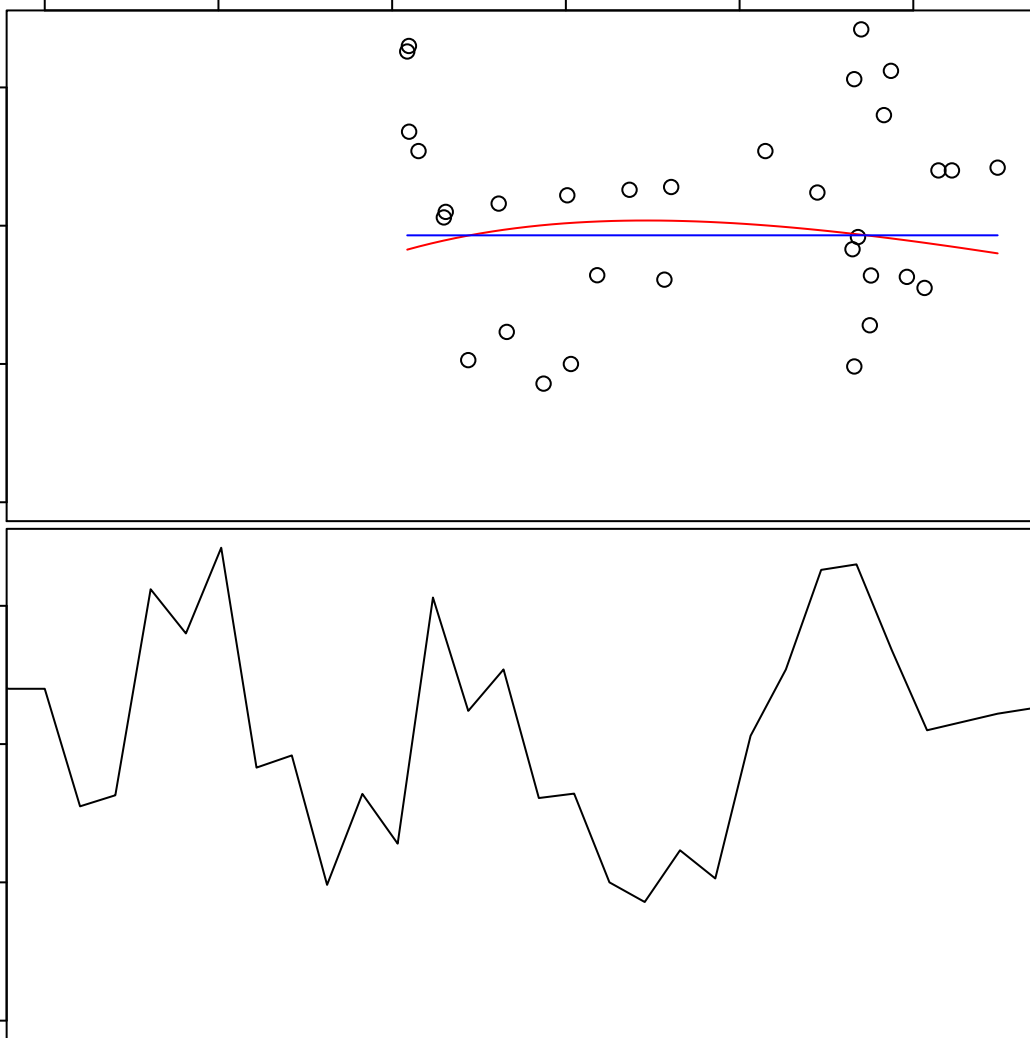
2000

2005

2010

2015

Year



MUTSNAPSATLCGM

Spawning biomass

0 500 1000 1500 2000 2500

Recruitment

2000000

1500000

1000000

500000

0

2000000

1500000

1000000

500000

0

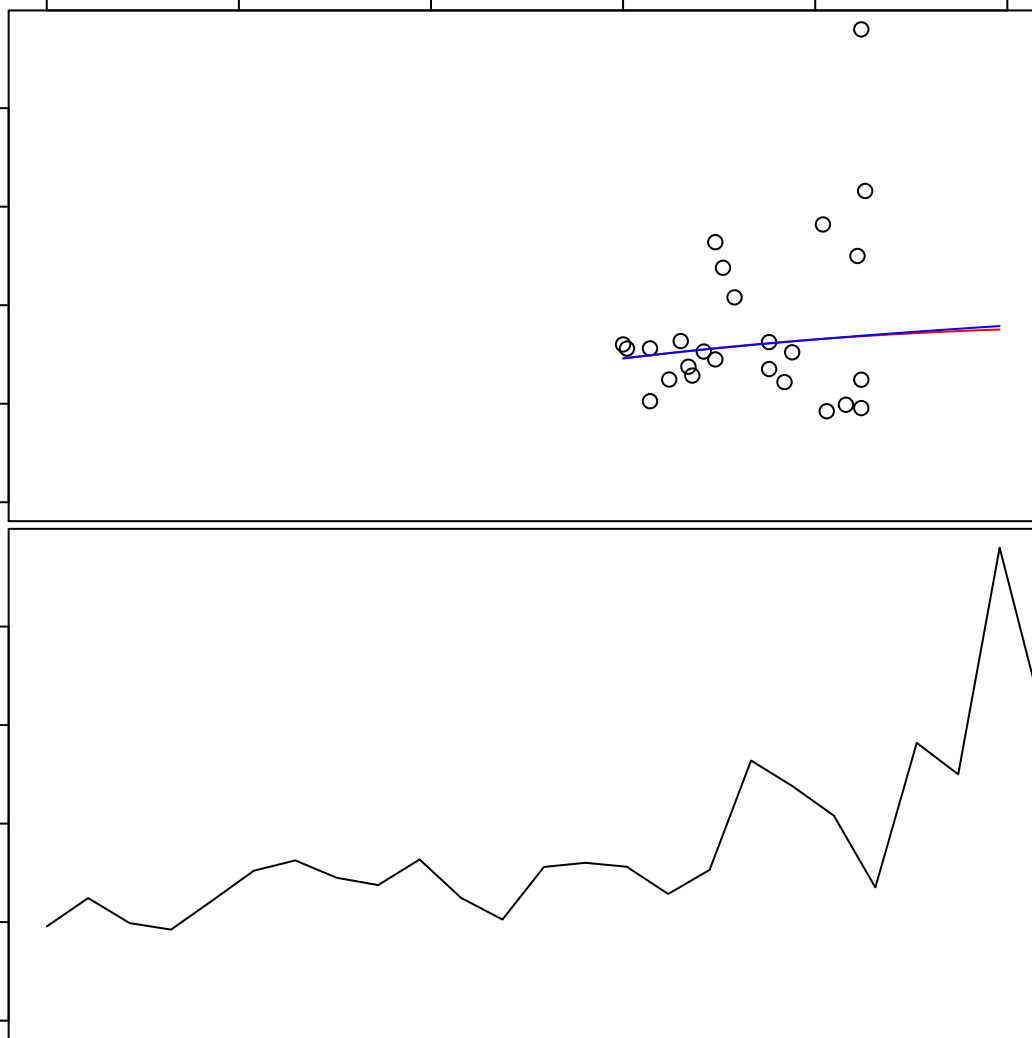
1985

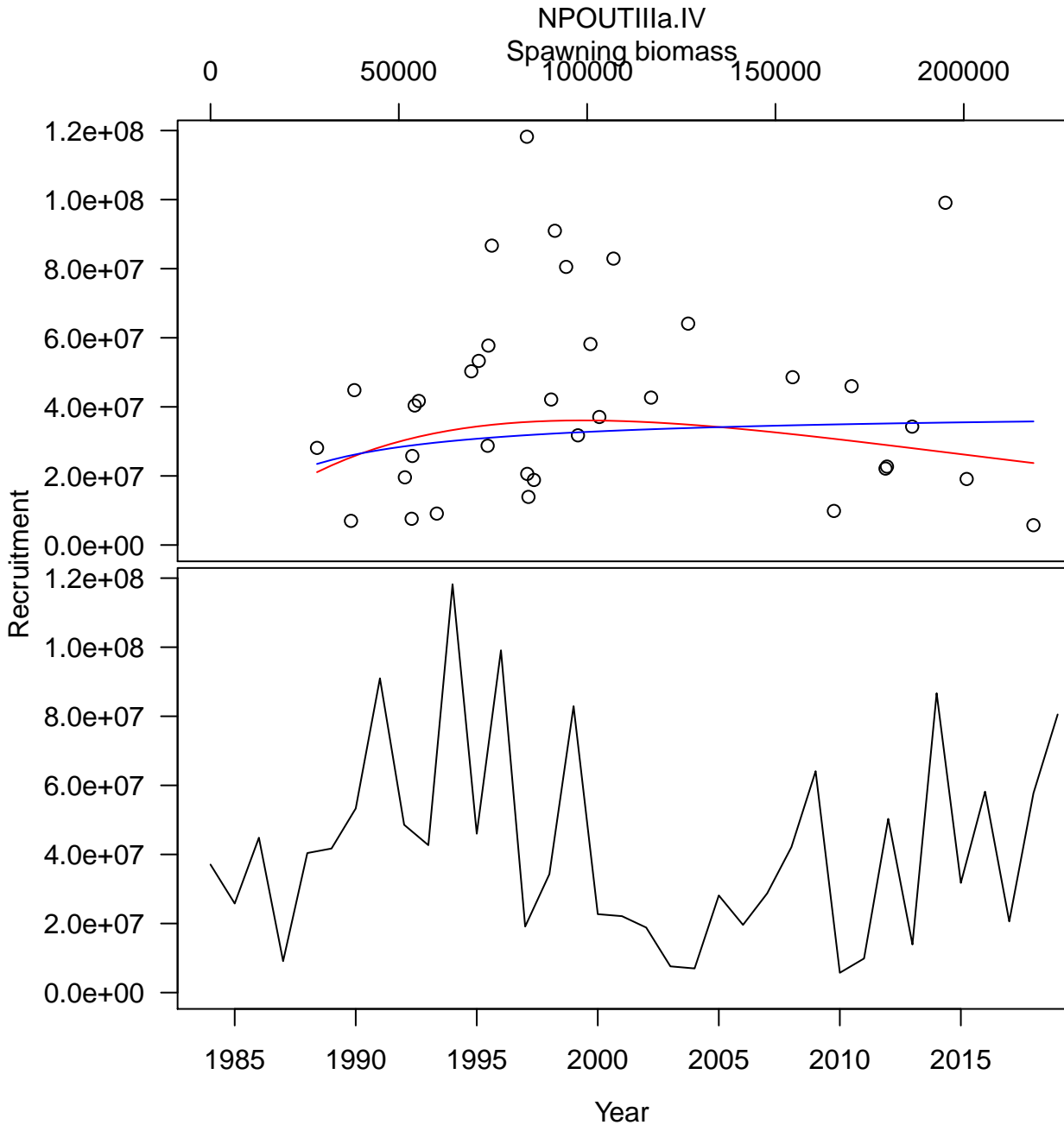
1990

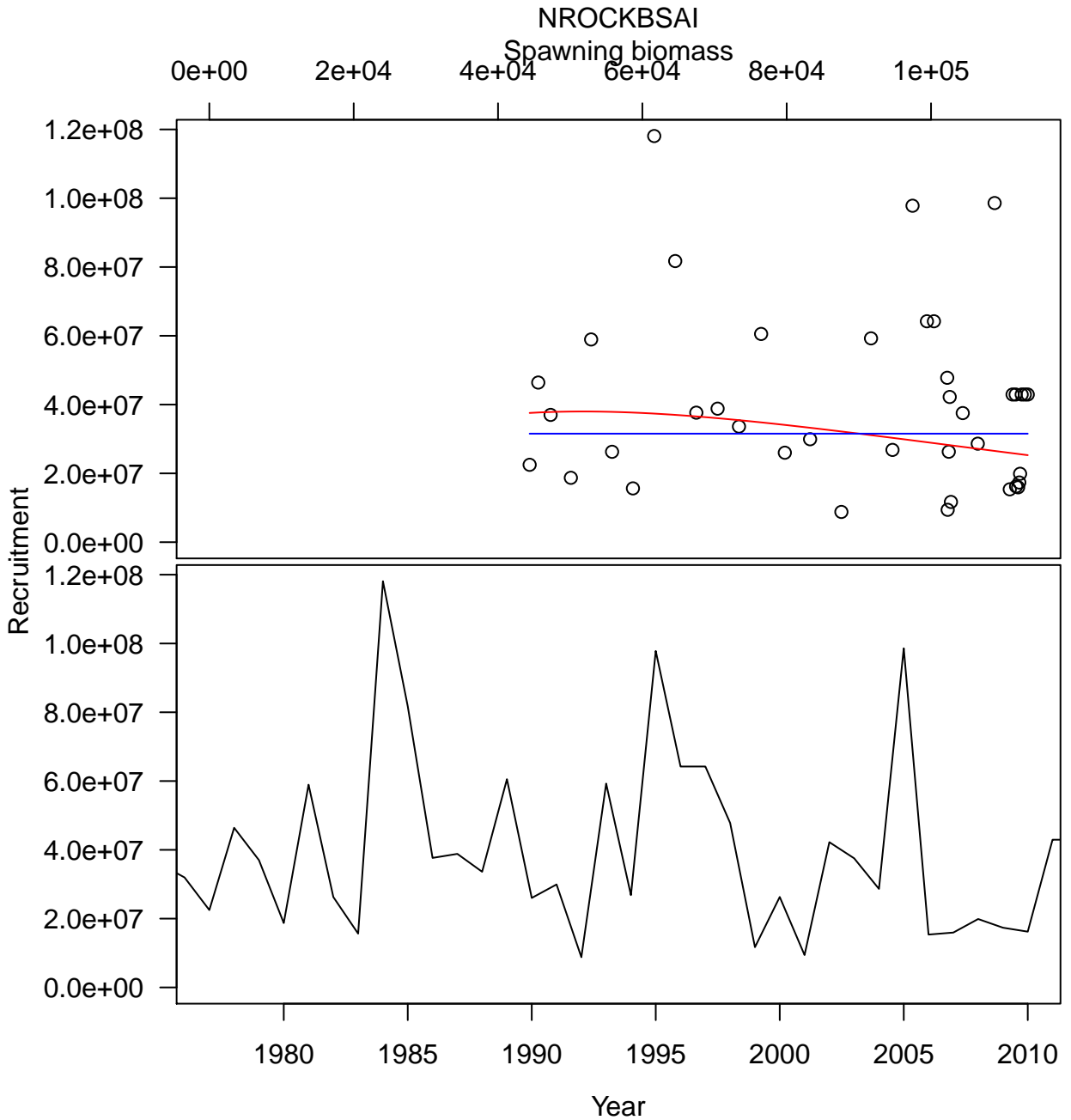
1995

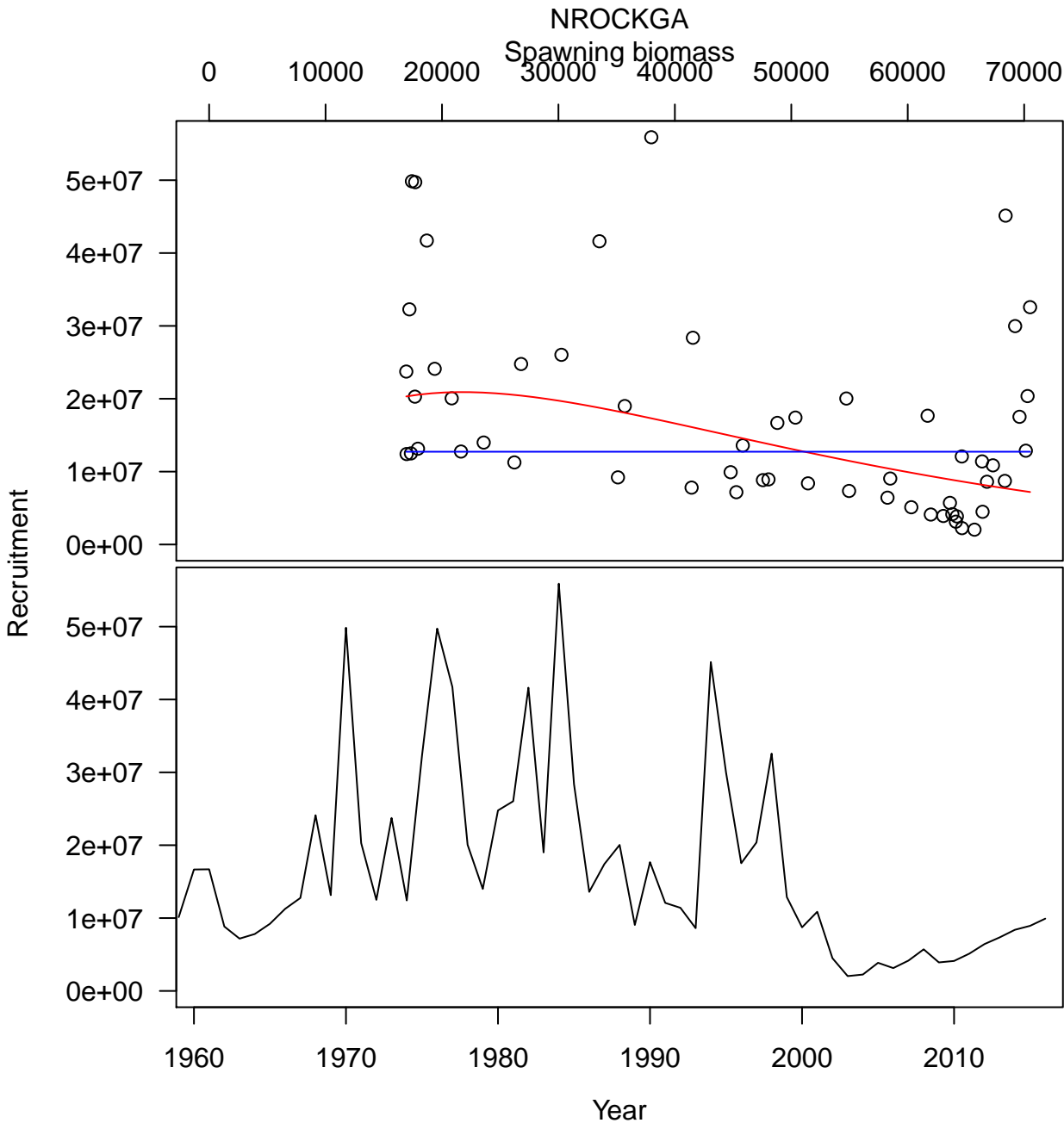
2000

Year





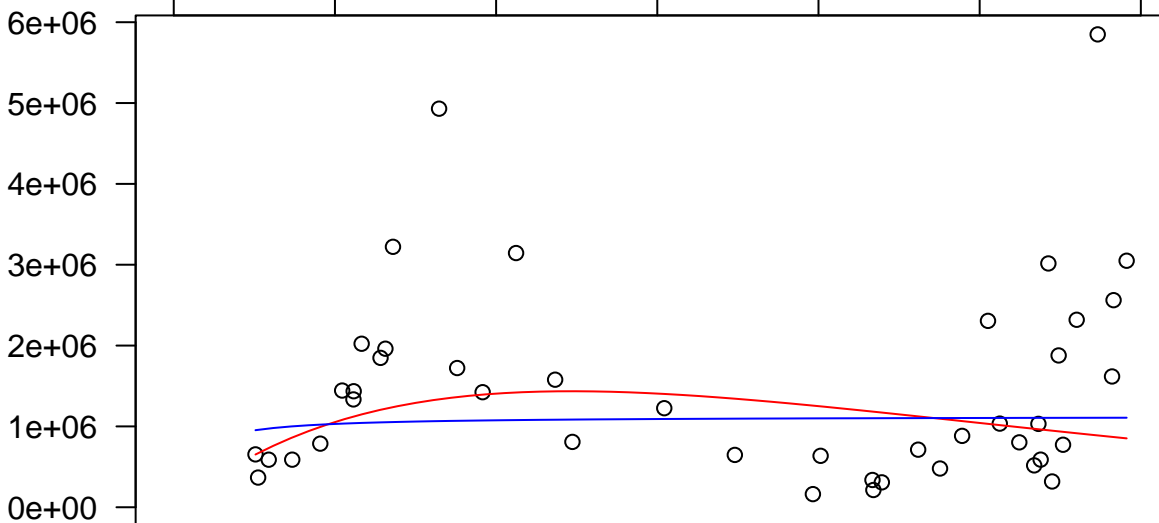




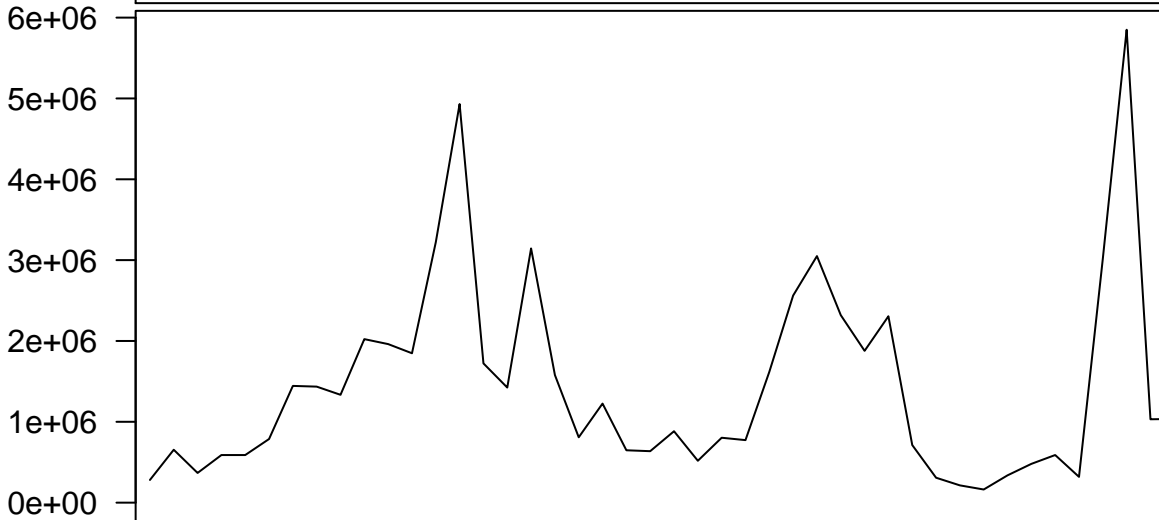
NRSOLEEBSAI

Spawning biomass

0e+00 1e+05 2e+05 3e+05 4e+05 5e+05 6e+05



Recruitment



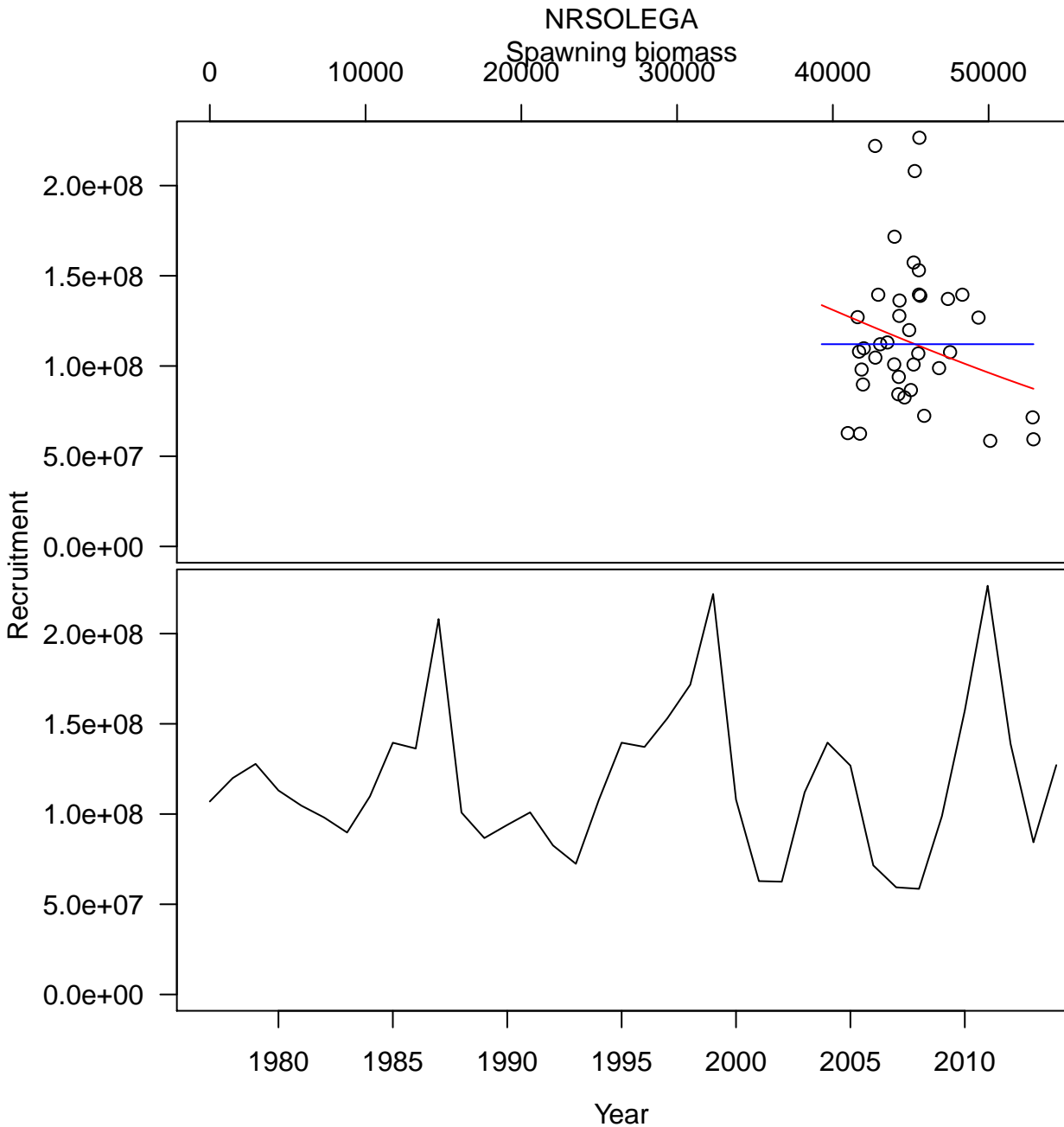
1980

1990

2000

2010

Year



NSHRIMPCSCH

Spawning biomass

0

5000

10000

15000

3.0e+09

2.5e+09

2.0e+09

1.5e+09

1.0e+09

5.0e+08

0.0e+00

Recruitment

3.0e+09

2.5e+09

2.0e+09

1.5e+09

1.0e+09

5.0e+08

0.0e+00

1960

1970

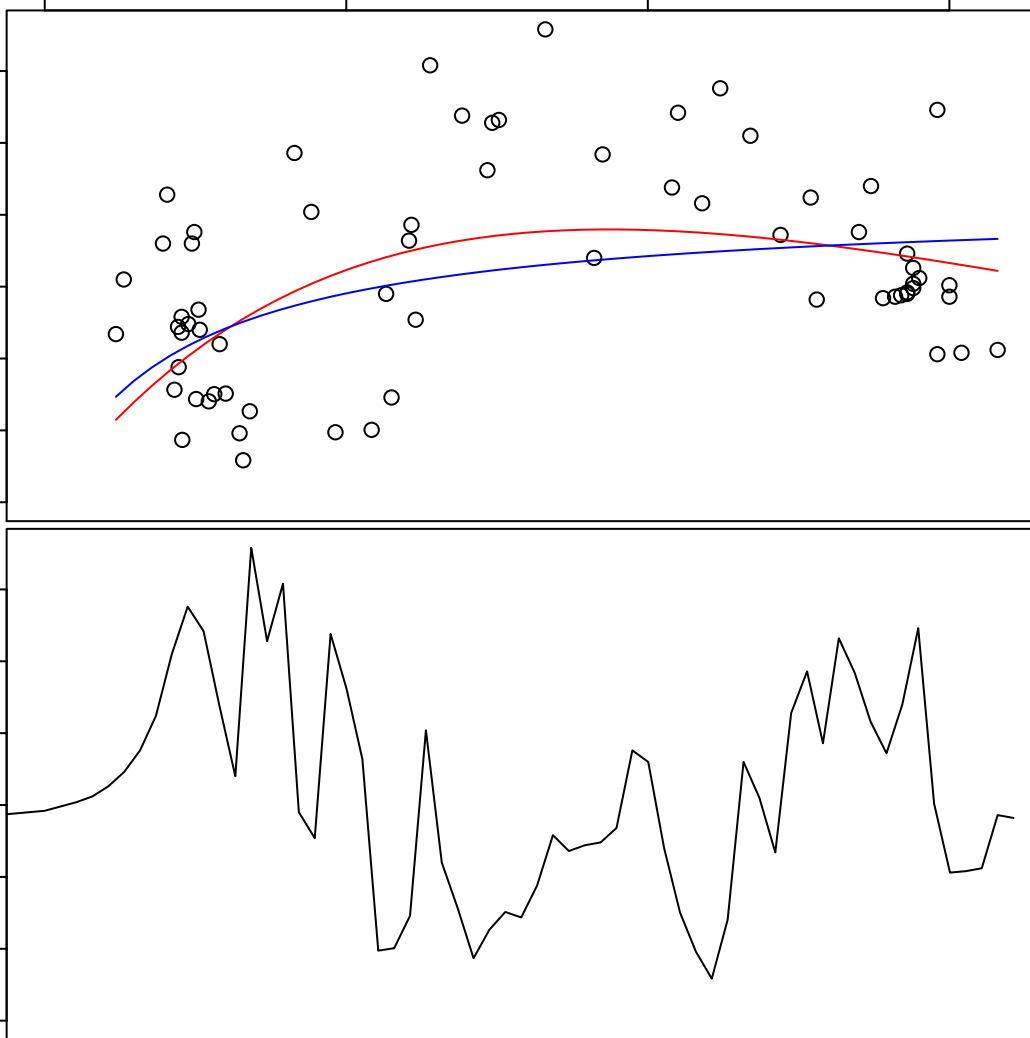
1980

1990

2000

2010

Year



NSHRIMPCH

Spawning biomass

0 1000 2000 3000 4000 5000 6000

1.5e+09

1.0e+09

5.0e+08

0.0e+00

Recruitment

1.5e+09

1.0e+09

5.0e+08

0.0e+00

1960

1970

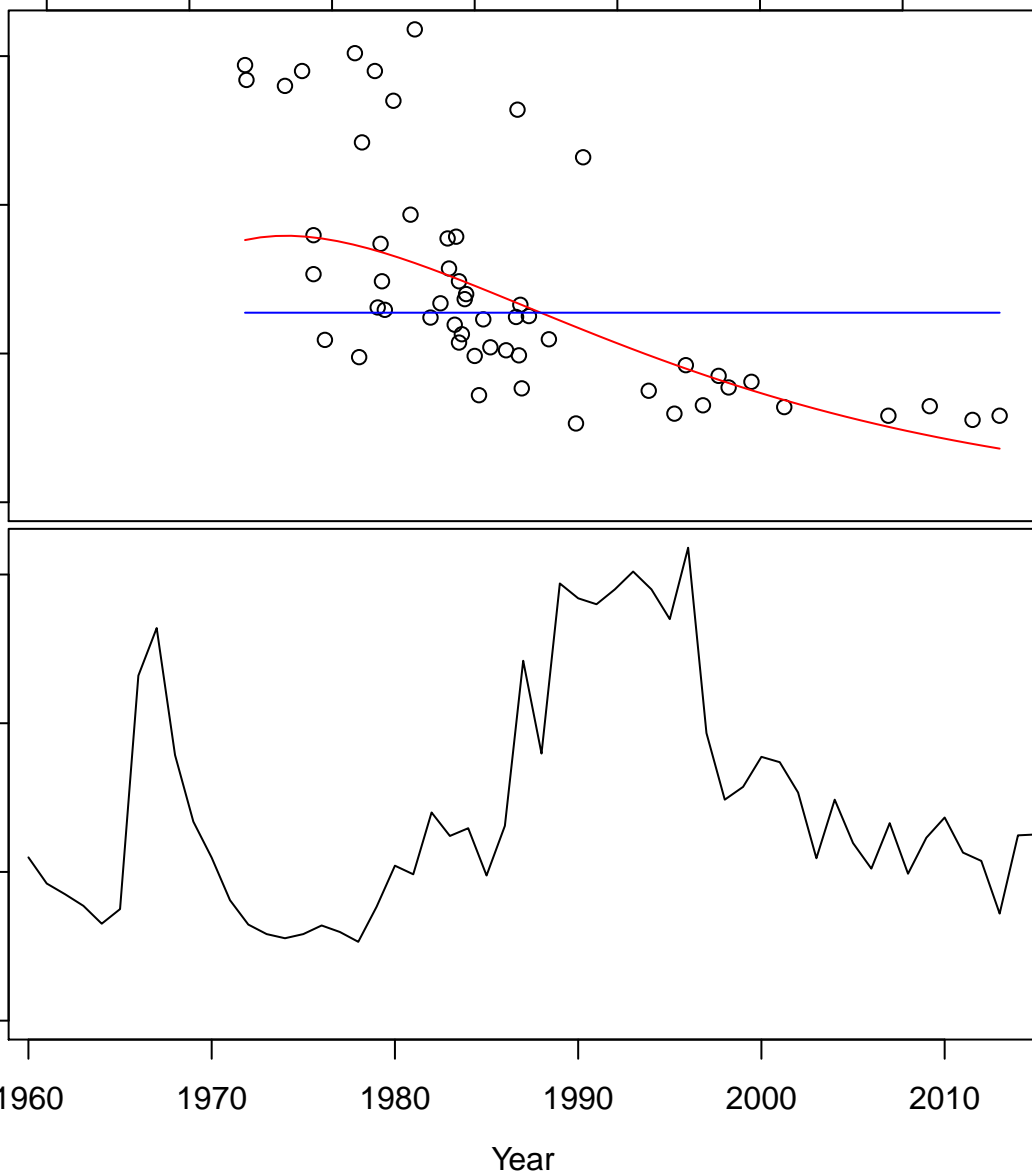
1980

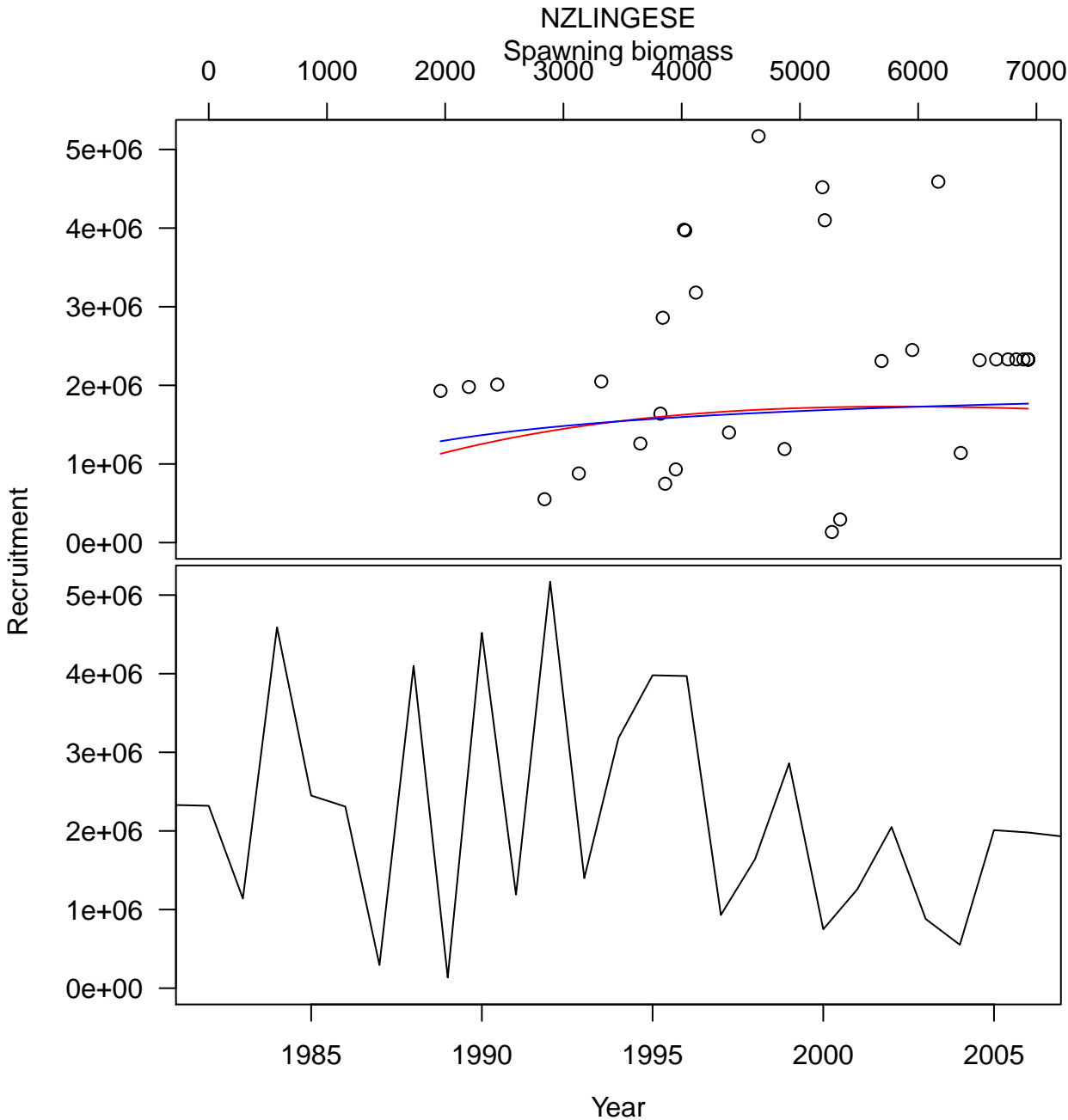
1990

2000

2010

Year





NZLINGLIN5.6

Spawning biomass

0 50000 100000 150000 200000 250000 300000

8e+07

6e+07

4e+07

2e+07

0e+00

Recruitment

8e+07

6e+07

4e+07

2e+07

0e+00

1975

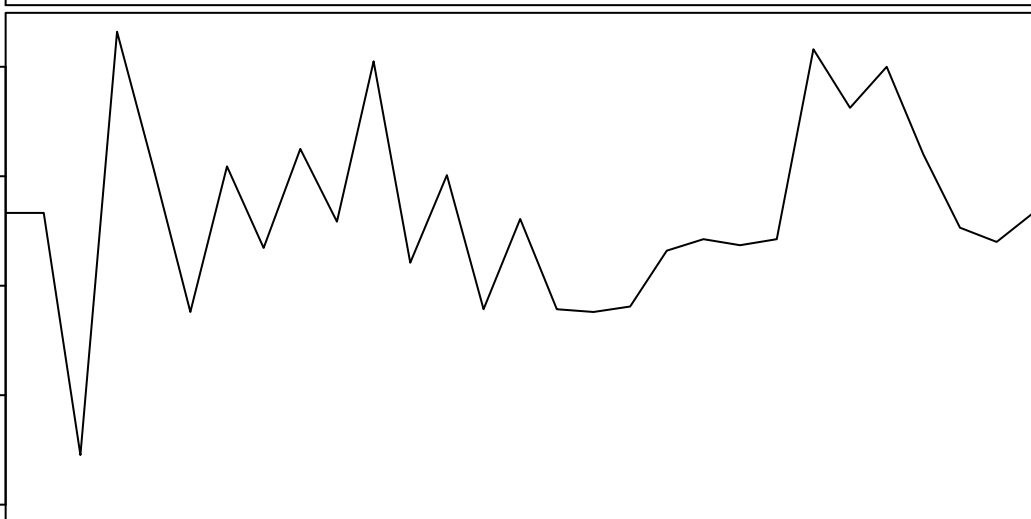
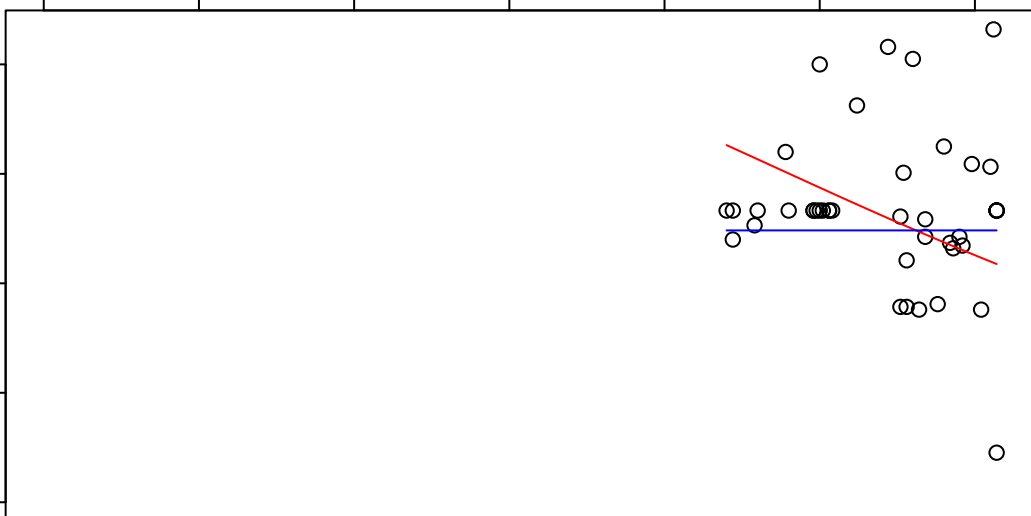
1980

1985

1990

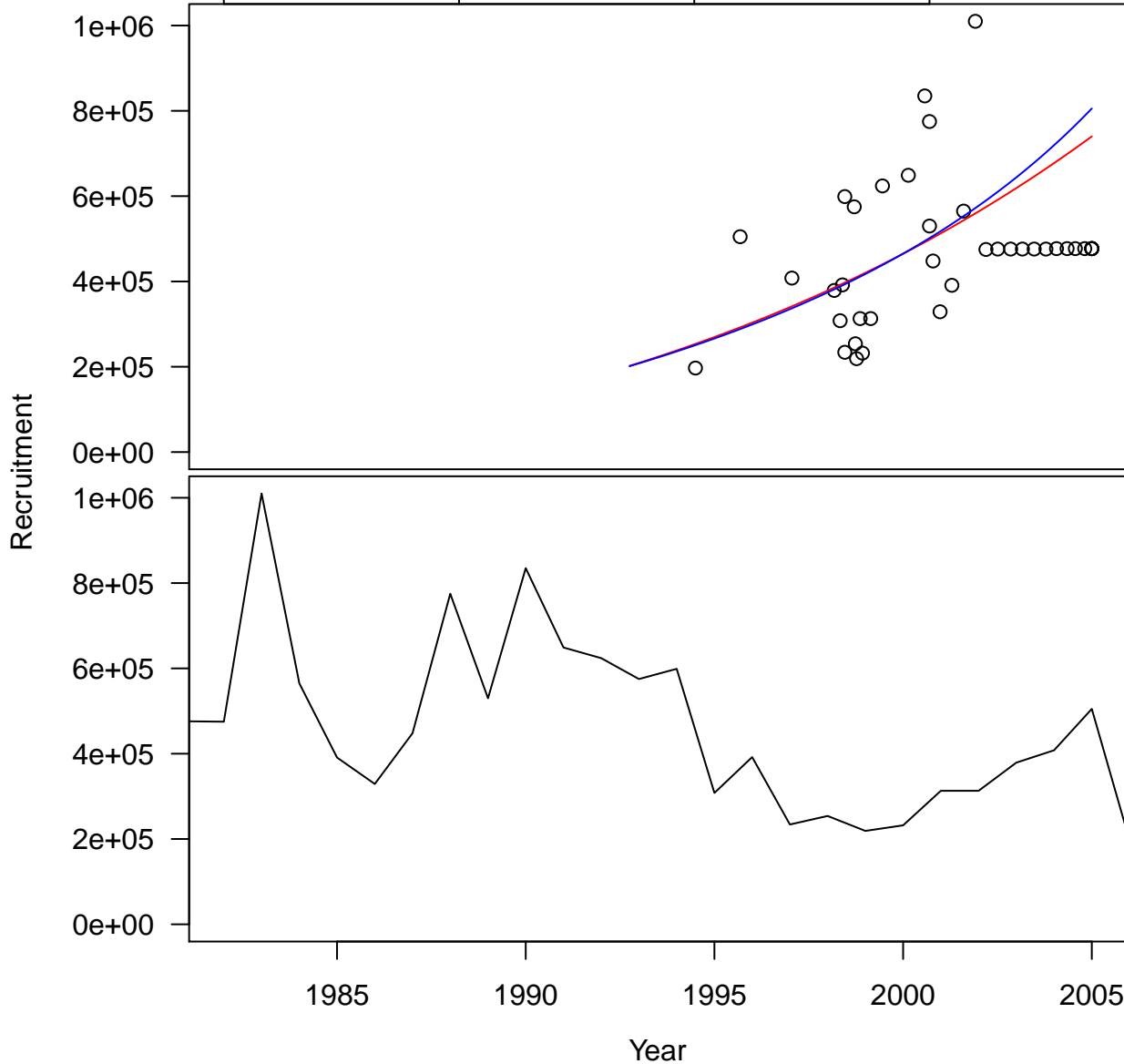
1995

Year



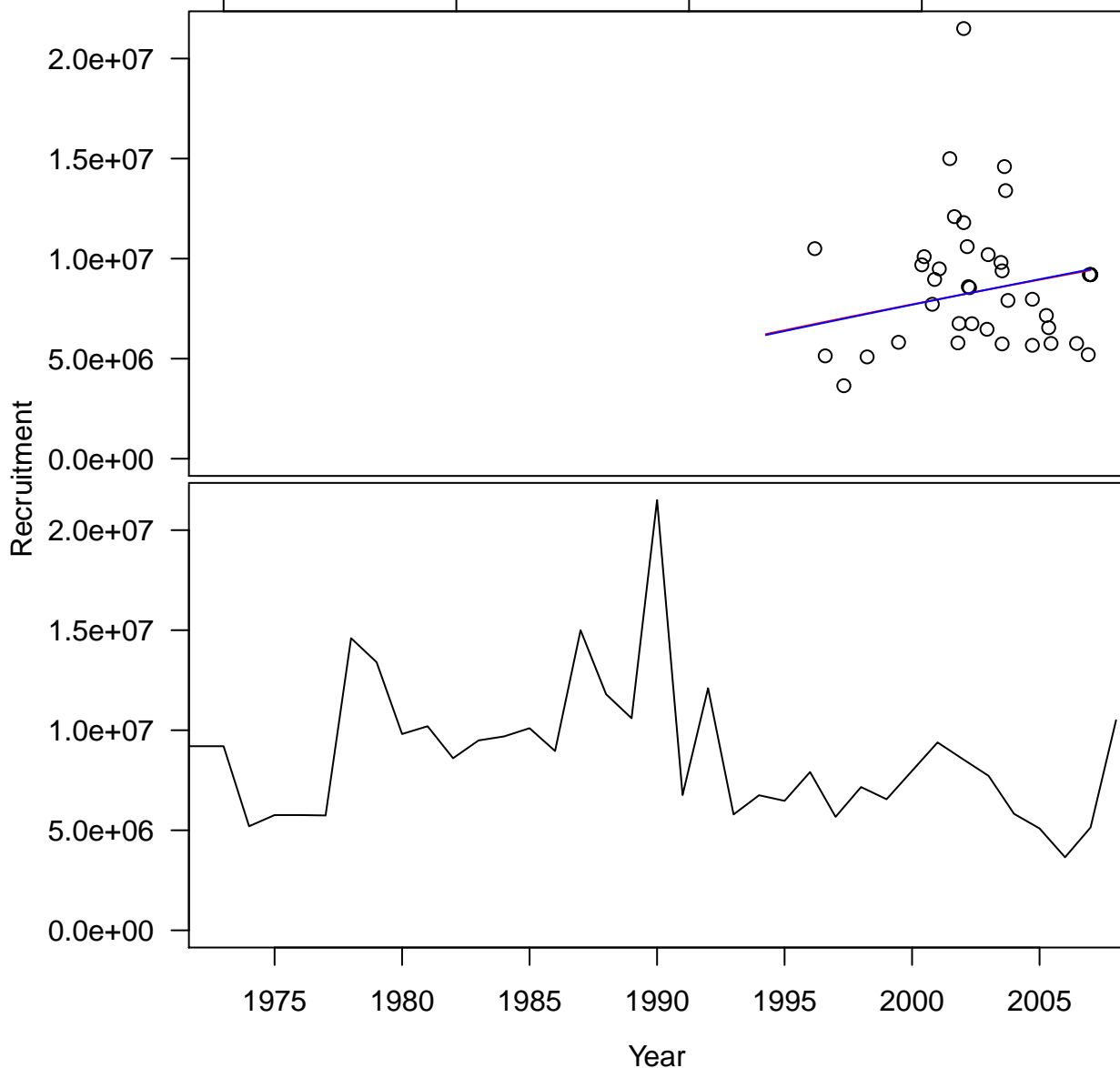
NZLINGLIN72
Spawning biomass

0 2000 4000 6000



NZLINGLIN7WC
Spawning biomass

0 20000 40000 60000



NZLINGWSE
Spawning biomass

0

2000

4000

6000

Recruitment

6e+06

5e+06

4e+06

3e+06

2e+06

1e+06

0e+00

6e+06

5e+06

4e+06

3e+06

2e+06

1e+06

0e+00

1980

1985

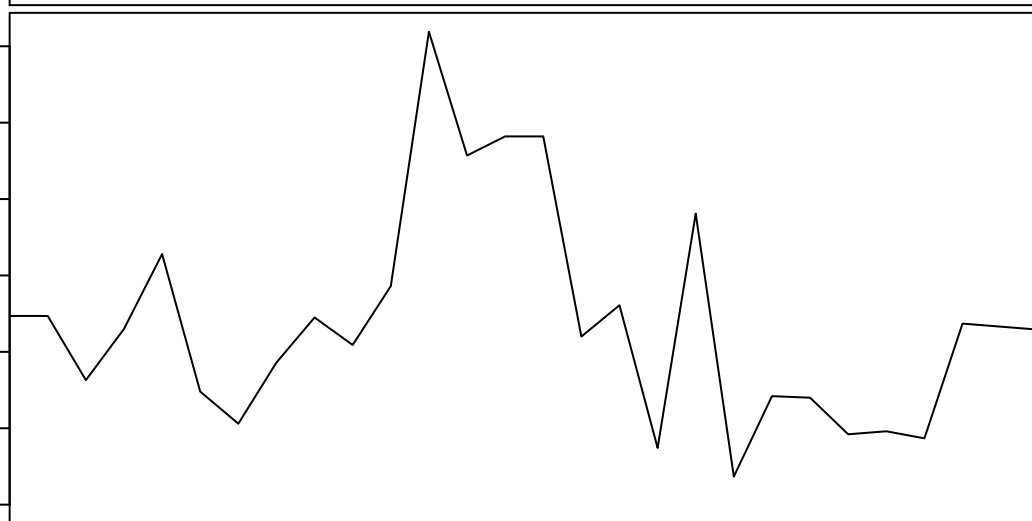
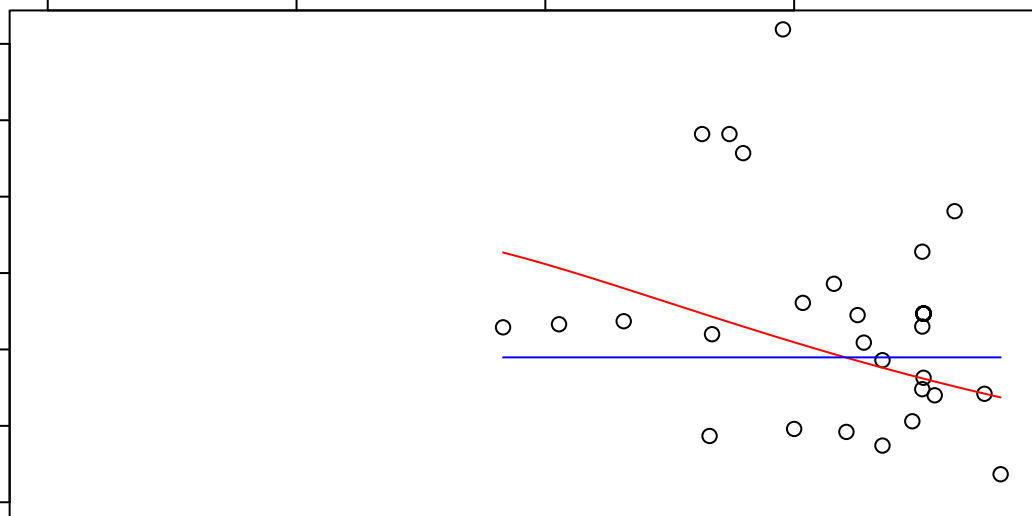
1990

1995

2000

2005

Year



NZSNAPNZ1ENLD

Spawning biomass

0 10000 20000 30000 40000 50000

Recruitment

$8e+06$

$6e+06$

$4e+06$

$2e+06$

$0e+00$

$8e+06$

$6e+06$

$4e+06$

$2e+06$

$0e+00$

1970

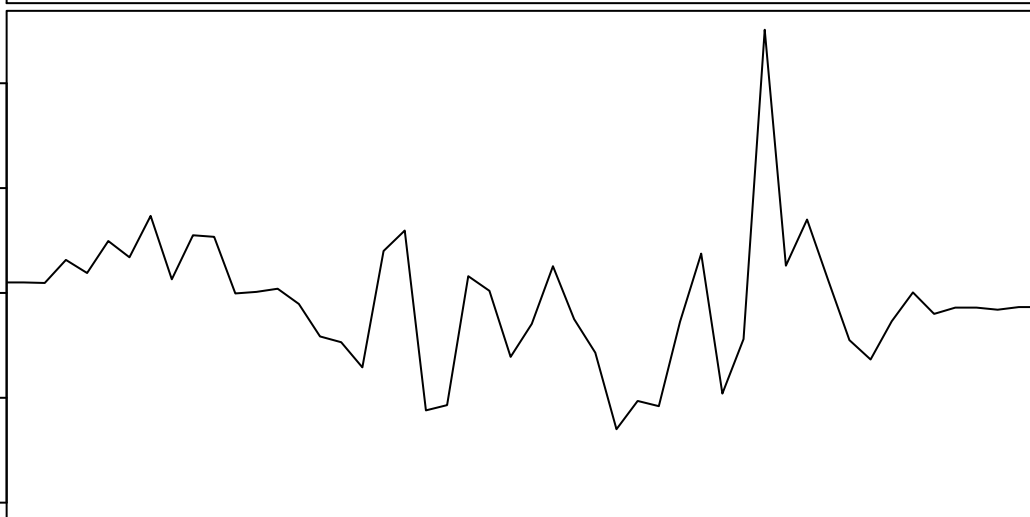
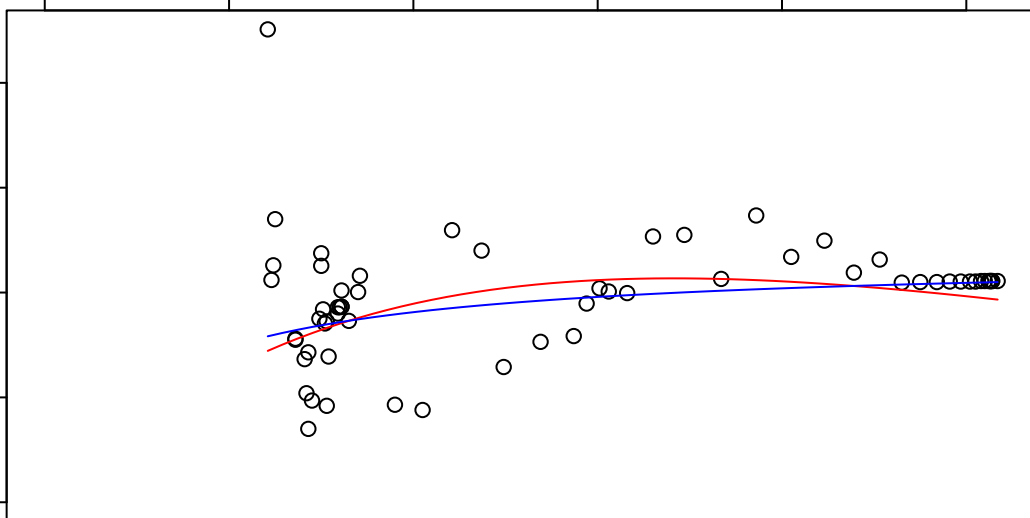
1980

1990

2000

2010

Year



NZSNAPNZ7

Spawning biomass

0 2000 4000 6000 8000 10000 12000 14000

8e+06

6e+06

4e+06

2e+06

0e+00

Recruitment

8e+06

6e+06

4e+06

2e+06

0e+00

1950

1960

1970

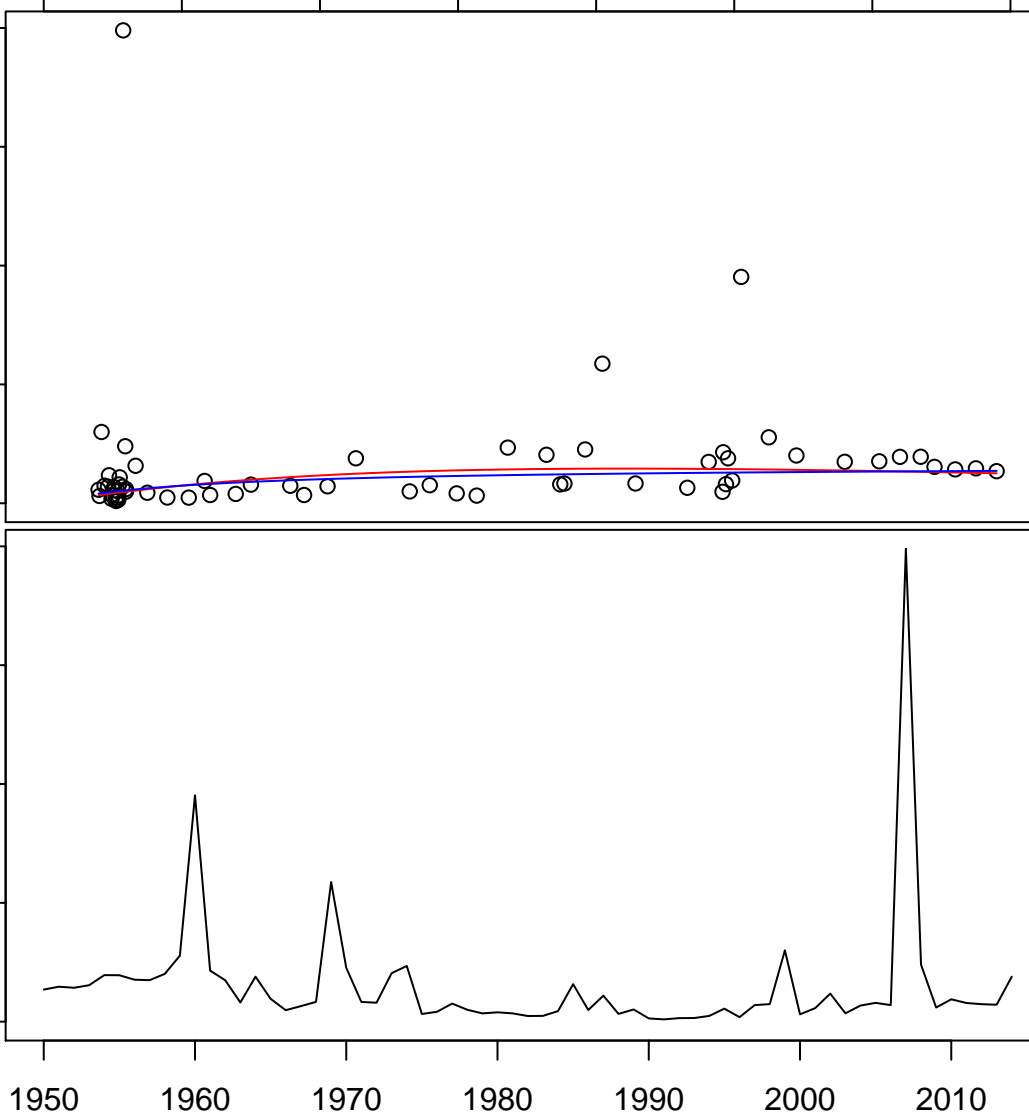
1980

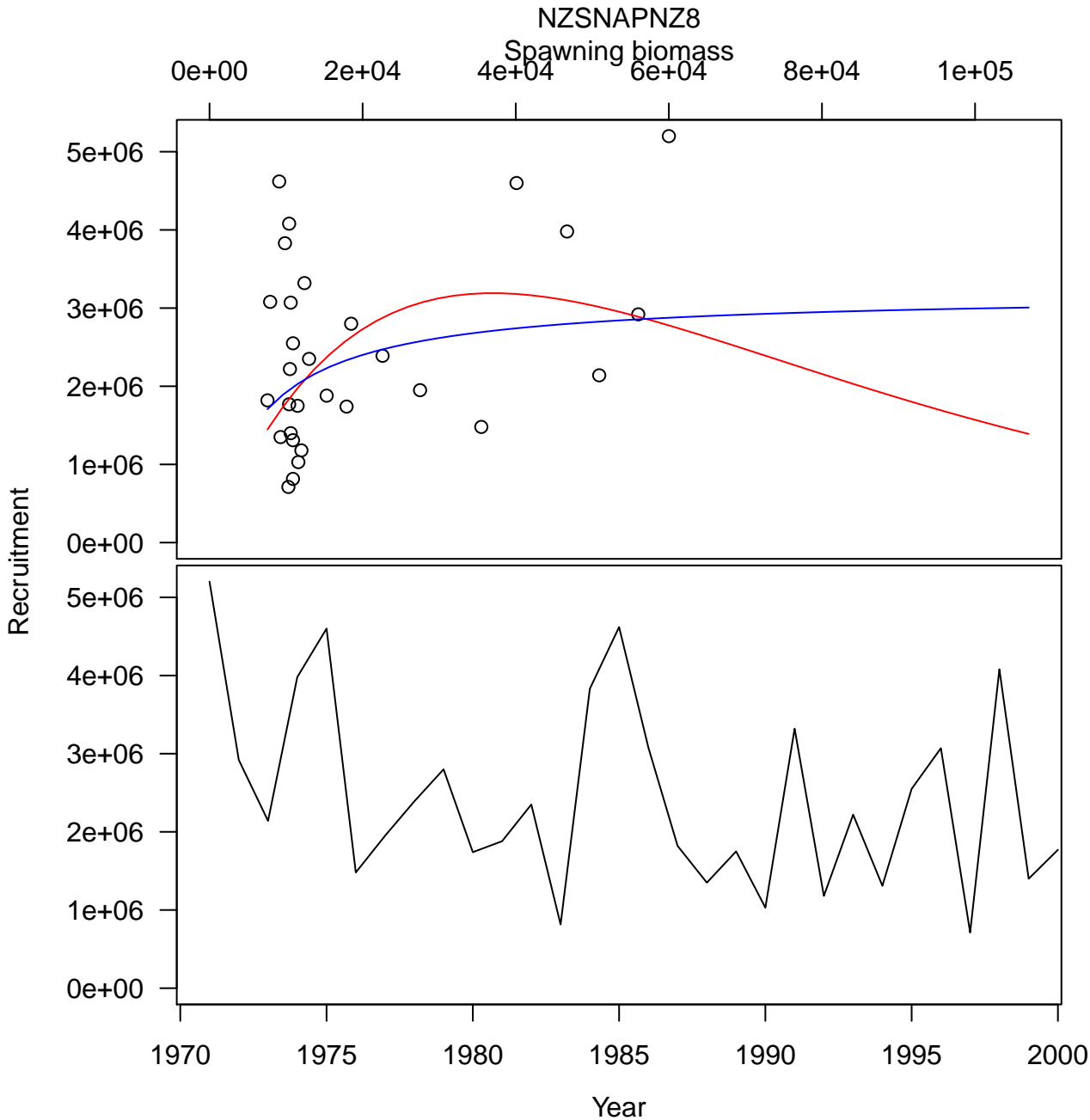
1990

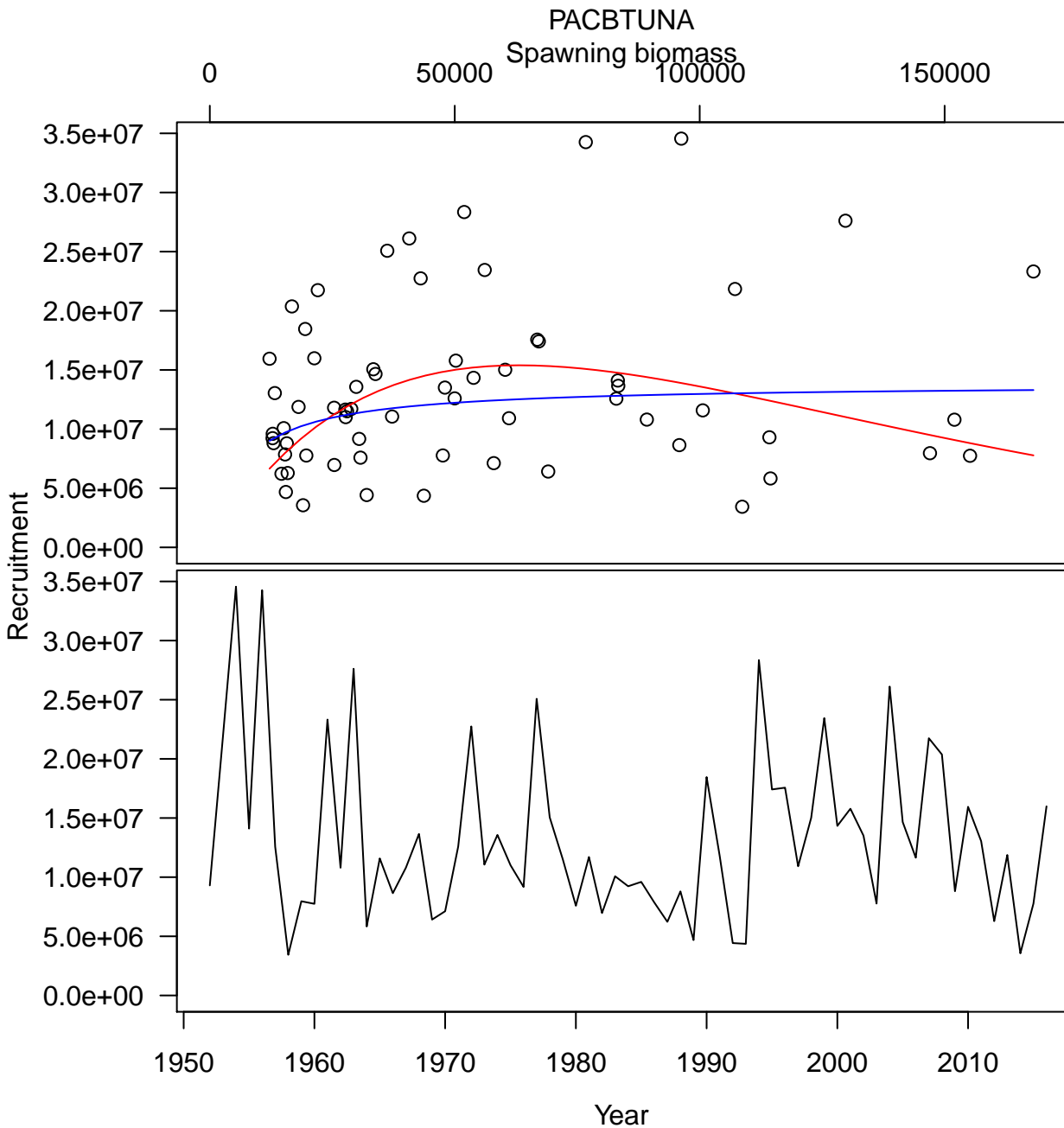
2000

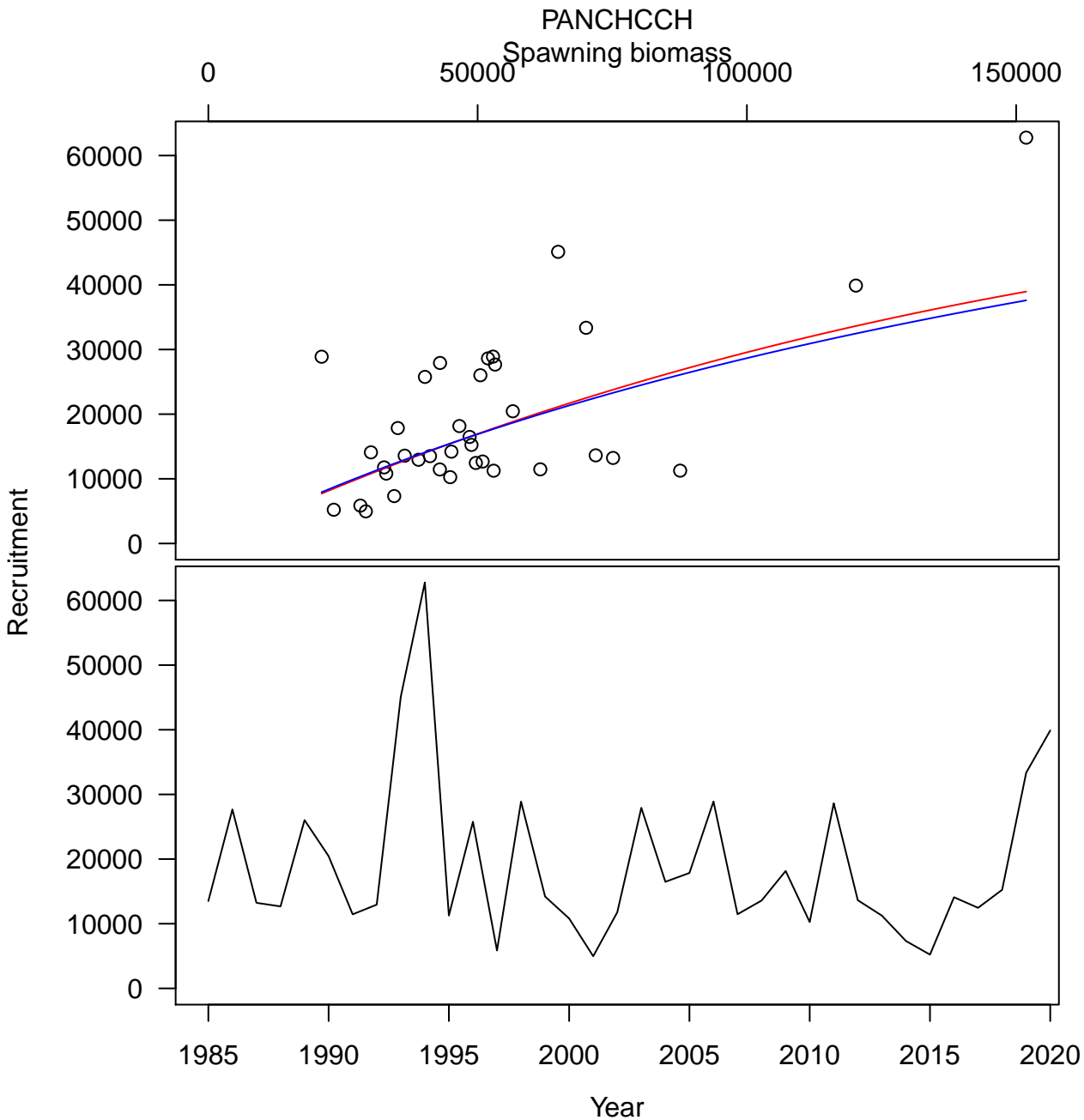
2010

Year









PANCHNCHSP

Spawning biomass

0 500000 1000000 1500000 2000000 2500000

8e+05

6e+05

4e+05

2e+05

0e+00

Recruitment

8e+05

6e+05

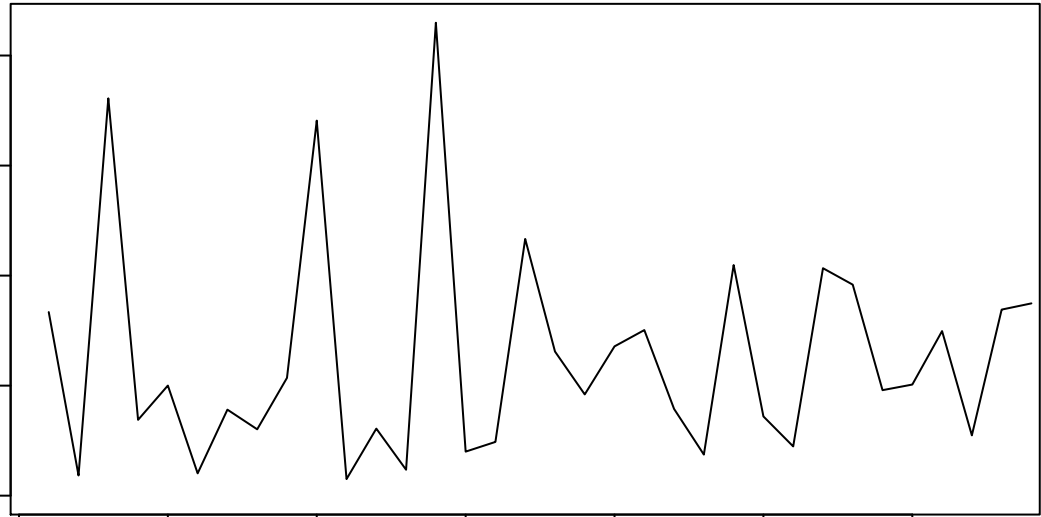
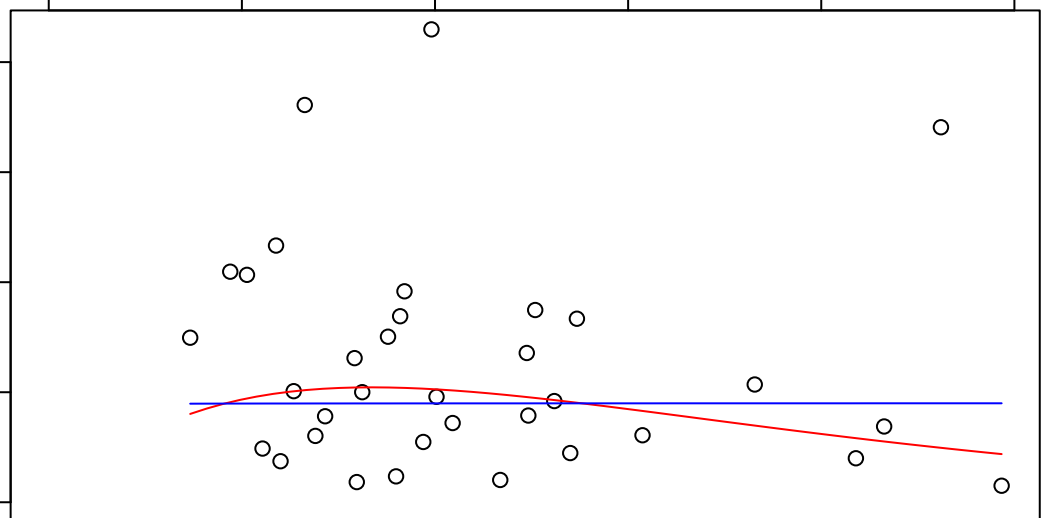
4e+05

2e+05

0e+00

1985 1990 1995 2000 2005 2010 2015

Year



PANCHPERUNC

Spawning biomass

0e+00 2e+06 4e+06 6e+06 8e+06 1e+07

Recruitment

1.5e+09
1.0e+09
5.0e+08
0.0e+00

1.5e+09
1.0e+09
5.0e+08
0.0e+00

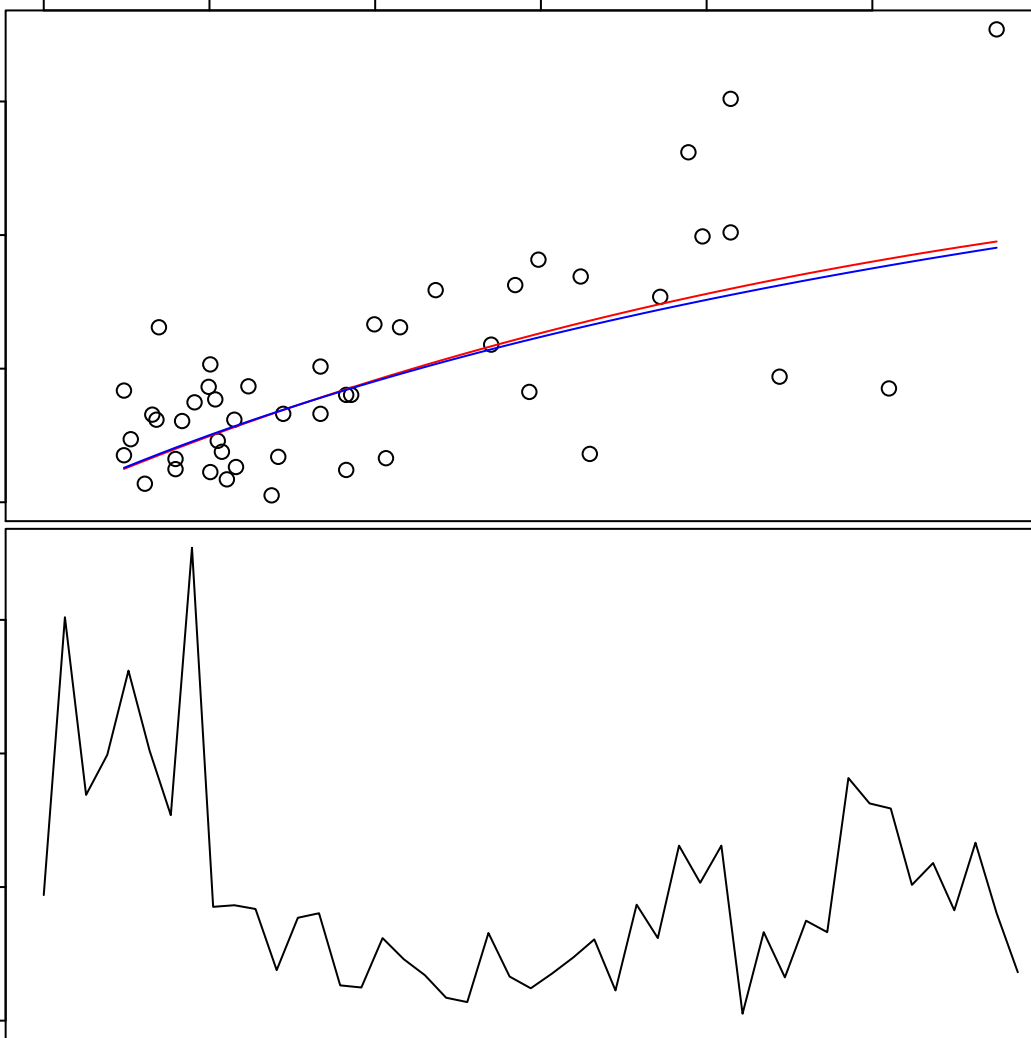
1970

1980

1990

2000

Year



PANDALIIIaW.IVaE

Spawning biomass

0

5000

10000

15000

20000

1.5×10^{10}

1.0×10^{10}

5.0×10^9

0.0×10^0

Recruitment

1.5×10^{10}

1.0×10^{10}

5.0×10^9

0.0×10^0

1990

1995

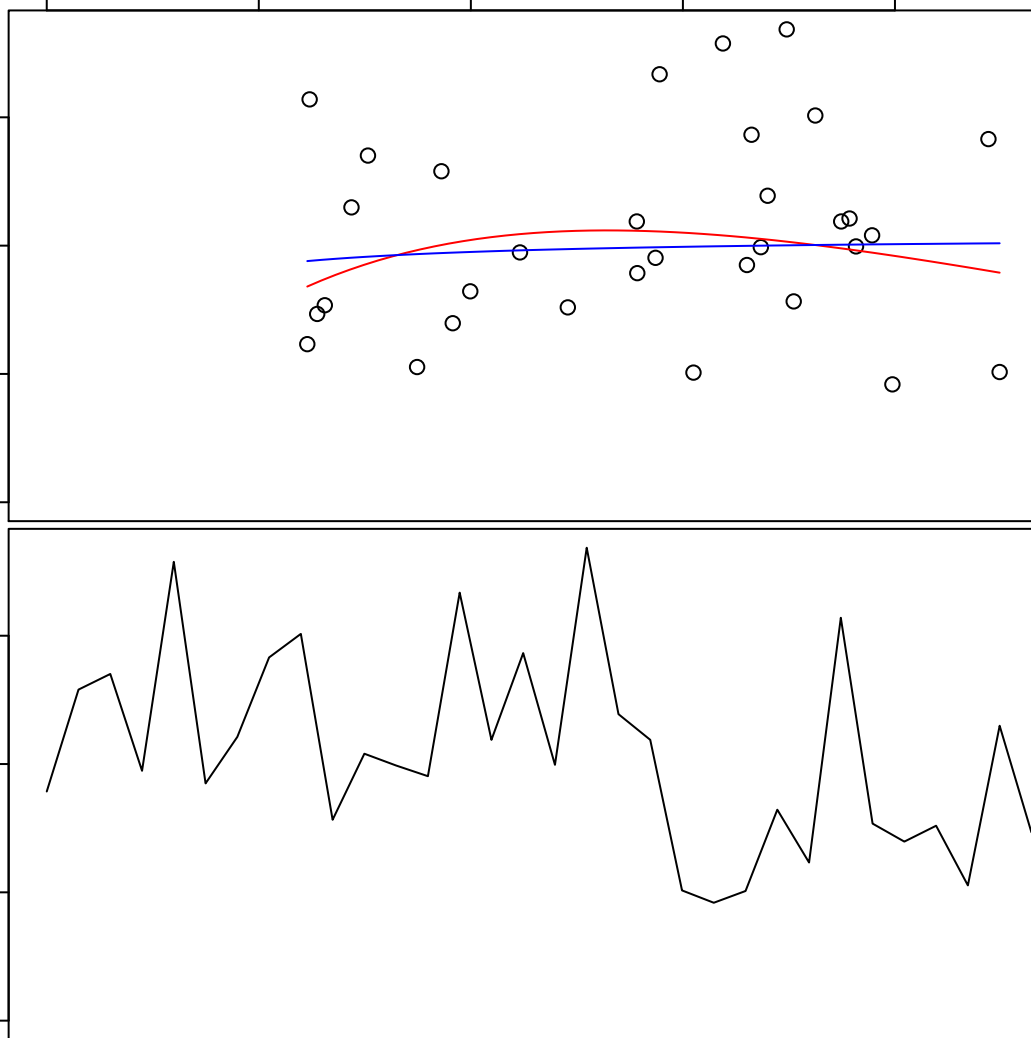
2000

2005

2010

2015

Year



PATGRENADIERCH

Spawning biomass

0

200

400

600

Recruitment

5e+09

4e+09

3e+09

2e+09

1e+09

0e+00

5e+09

4e+09

3e+09

2e+09

1e+09

0e+00

1985

1990

1995

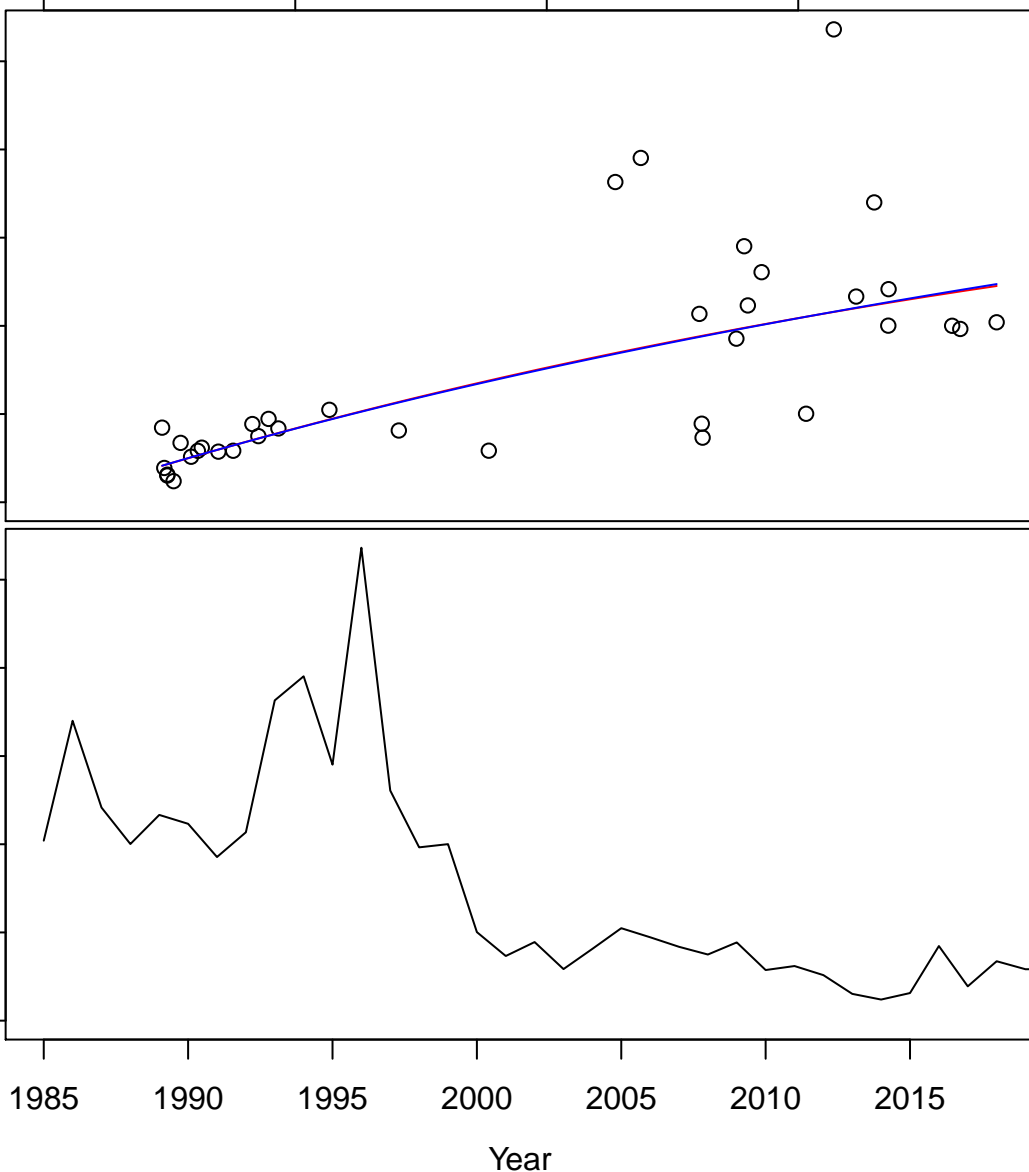
2000

2005

2010

2015

Year



PATGRENA DIERSARG

Spawning biomass

0e+00 1e+05 2e+05 3e+05 4e+05 5e+05 6e+05

Recruitment

1.5e+09
1.0e+09
5.0e+08
0.0e+00
1.5e+09
1.0e+09
5.0e+08
0.0e+00

1985

1990

1995

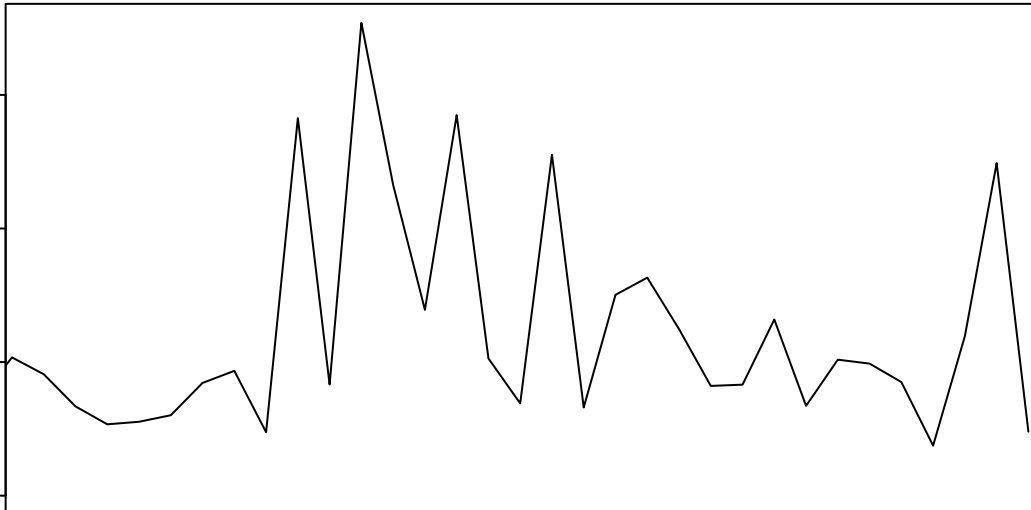
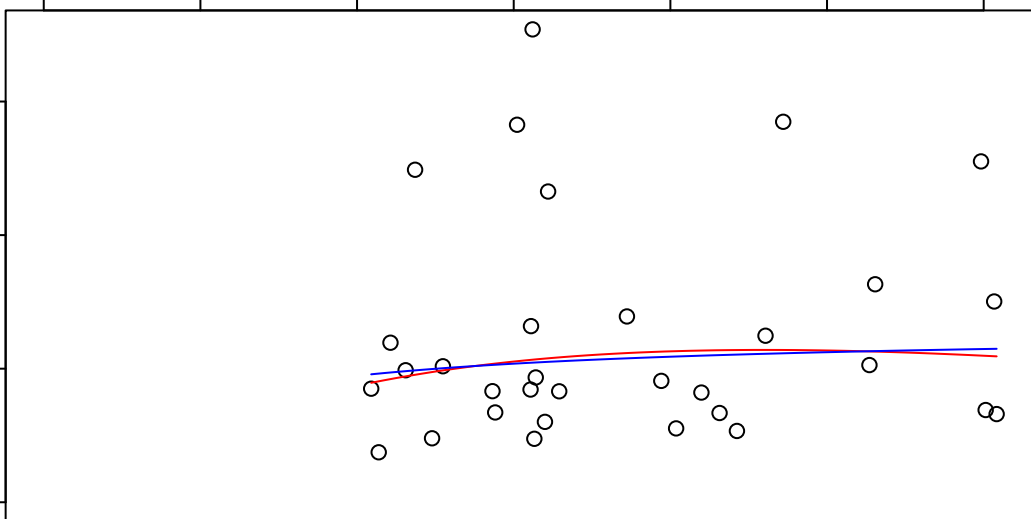
2000

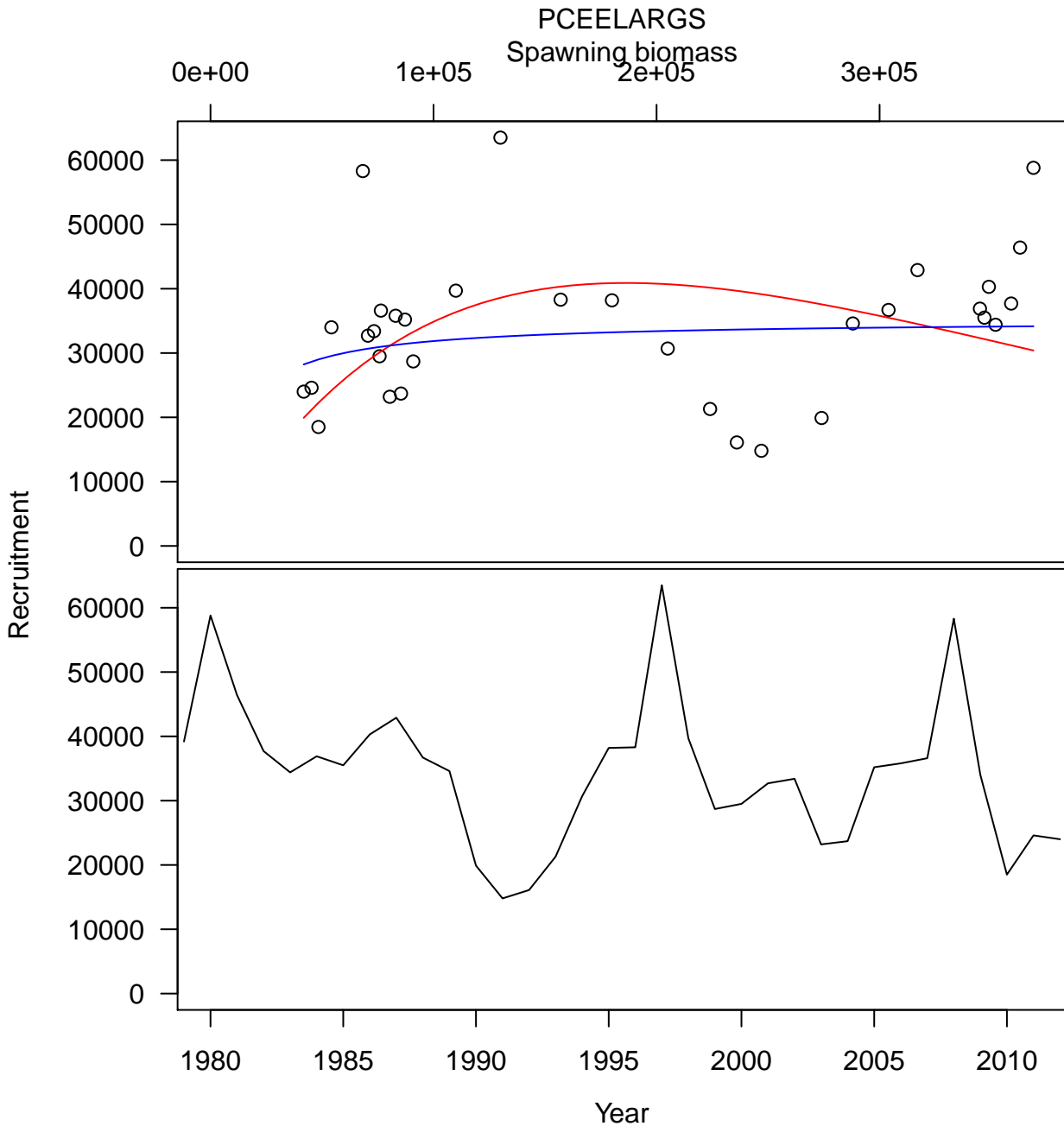
2005

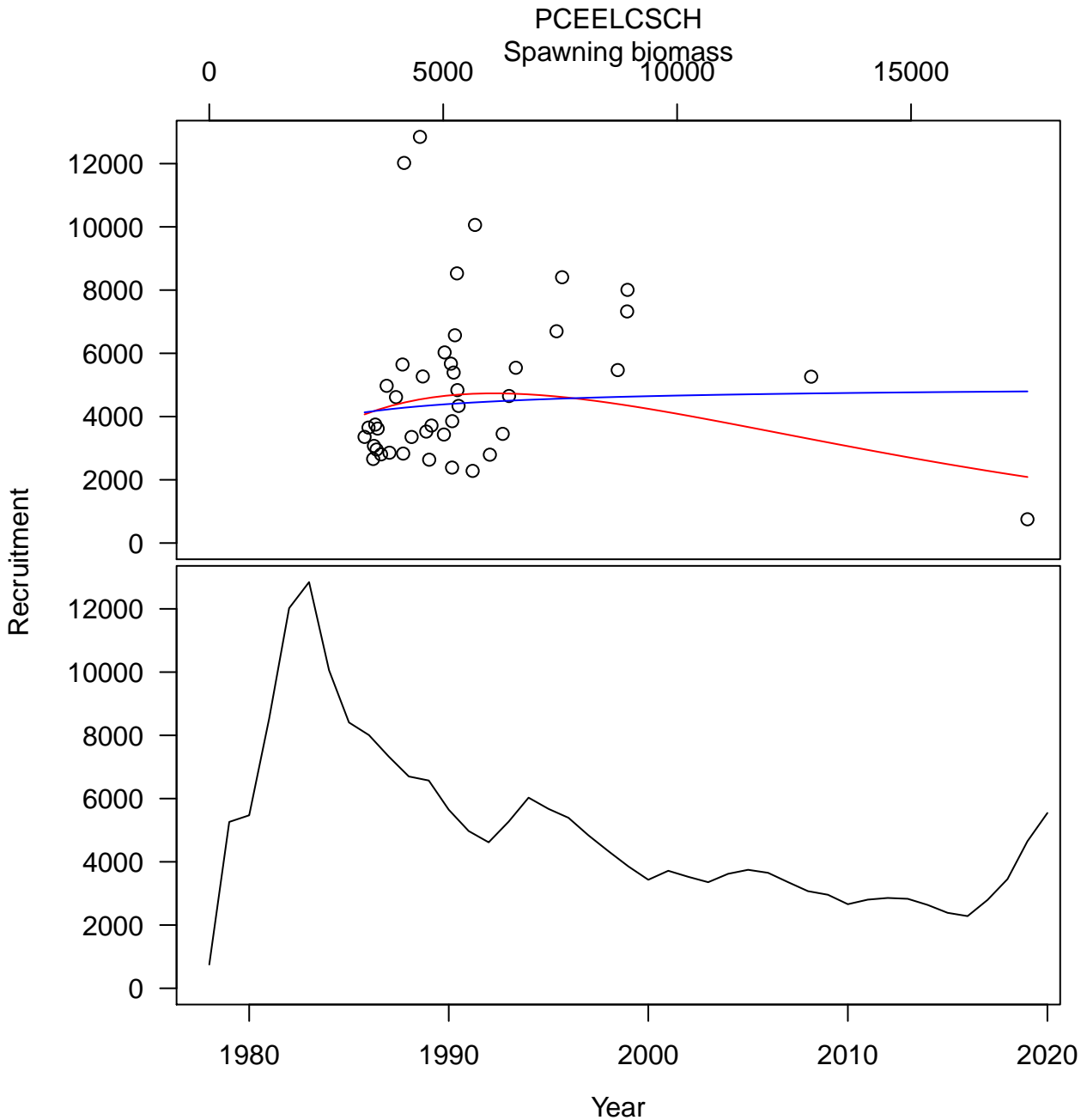
2010

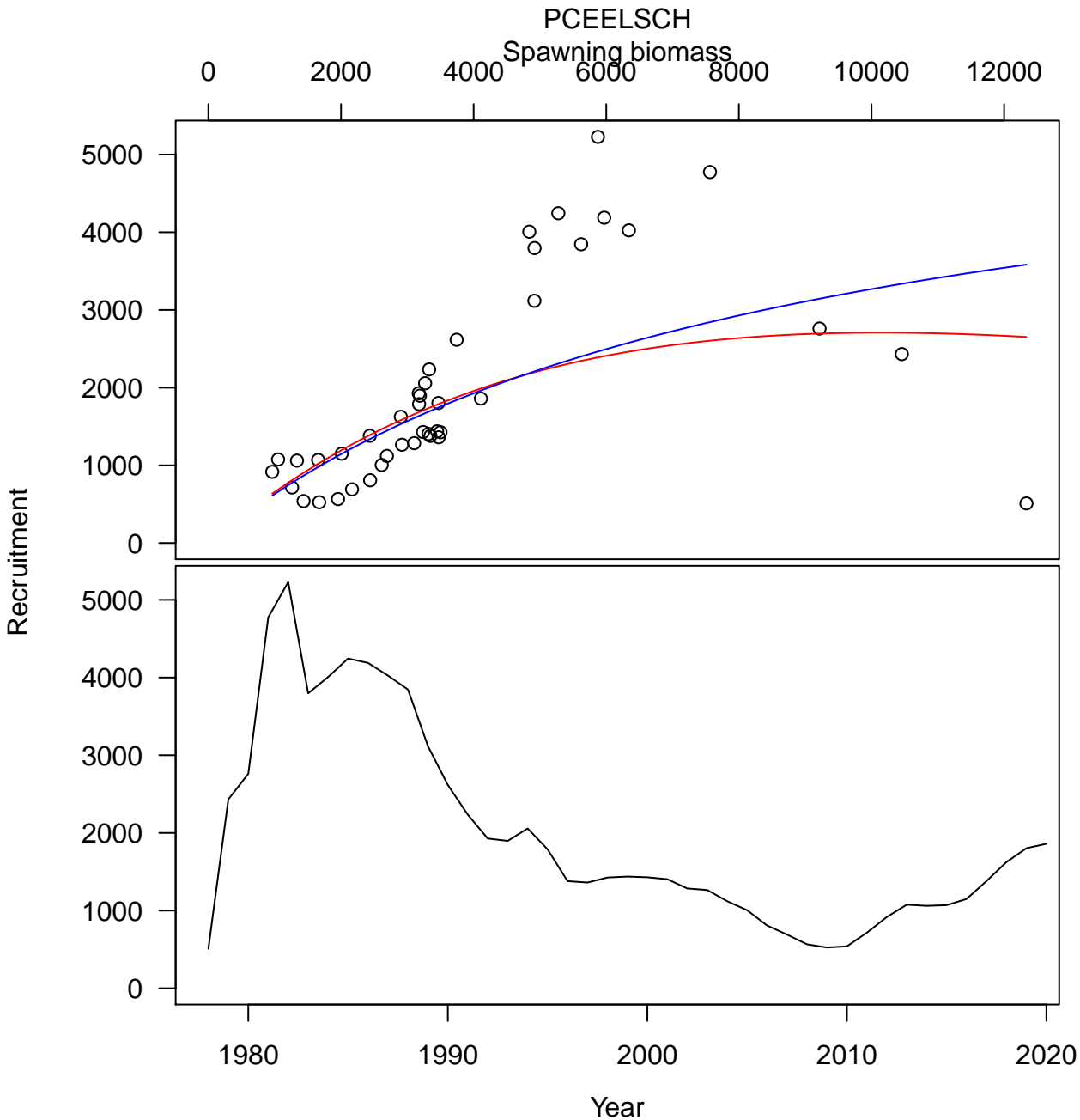
2015

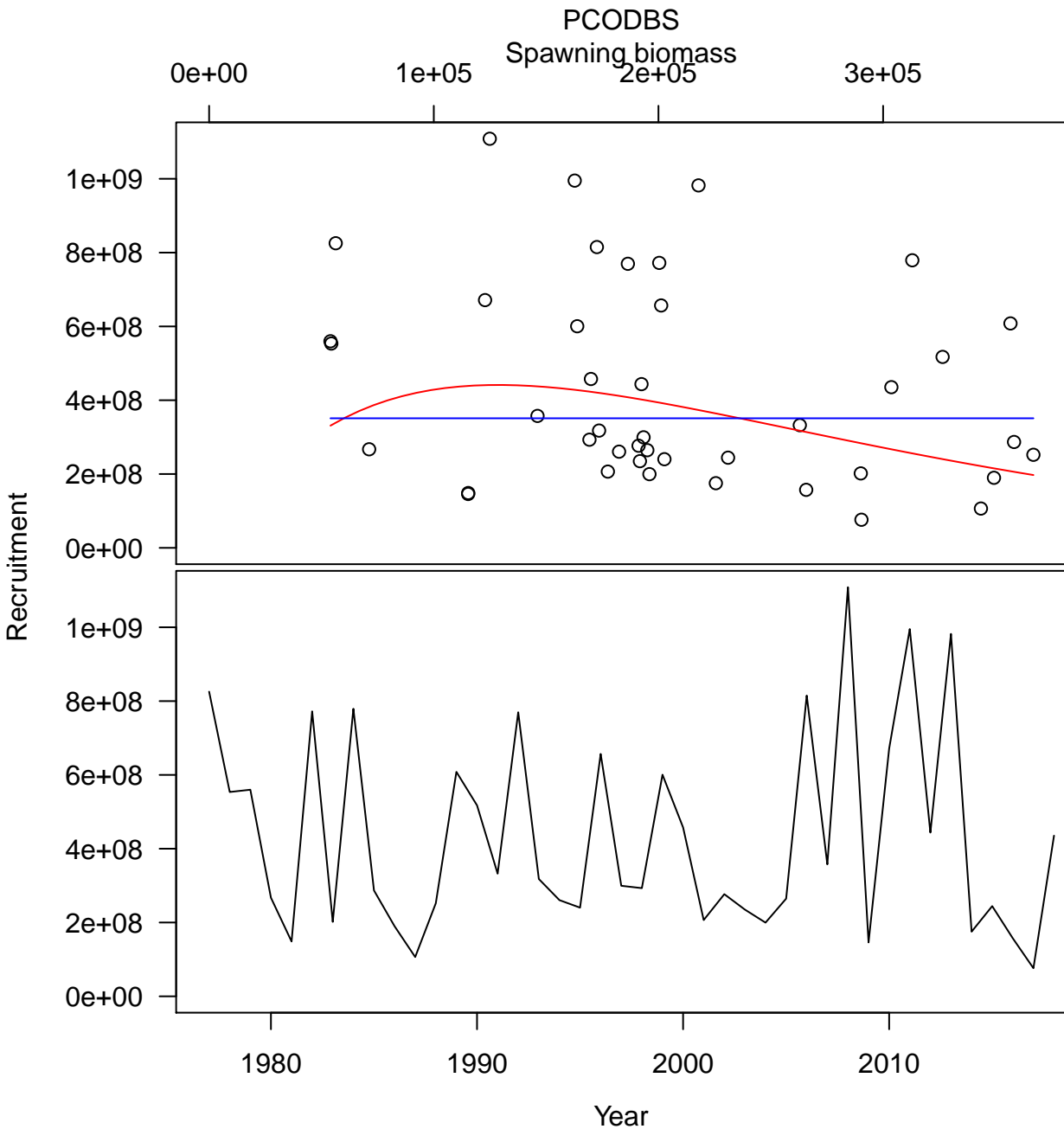
Year

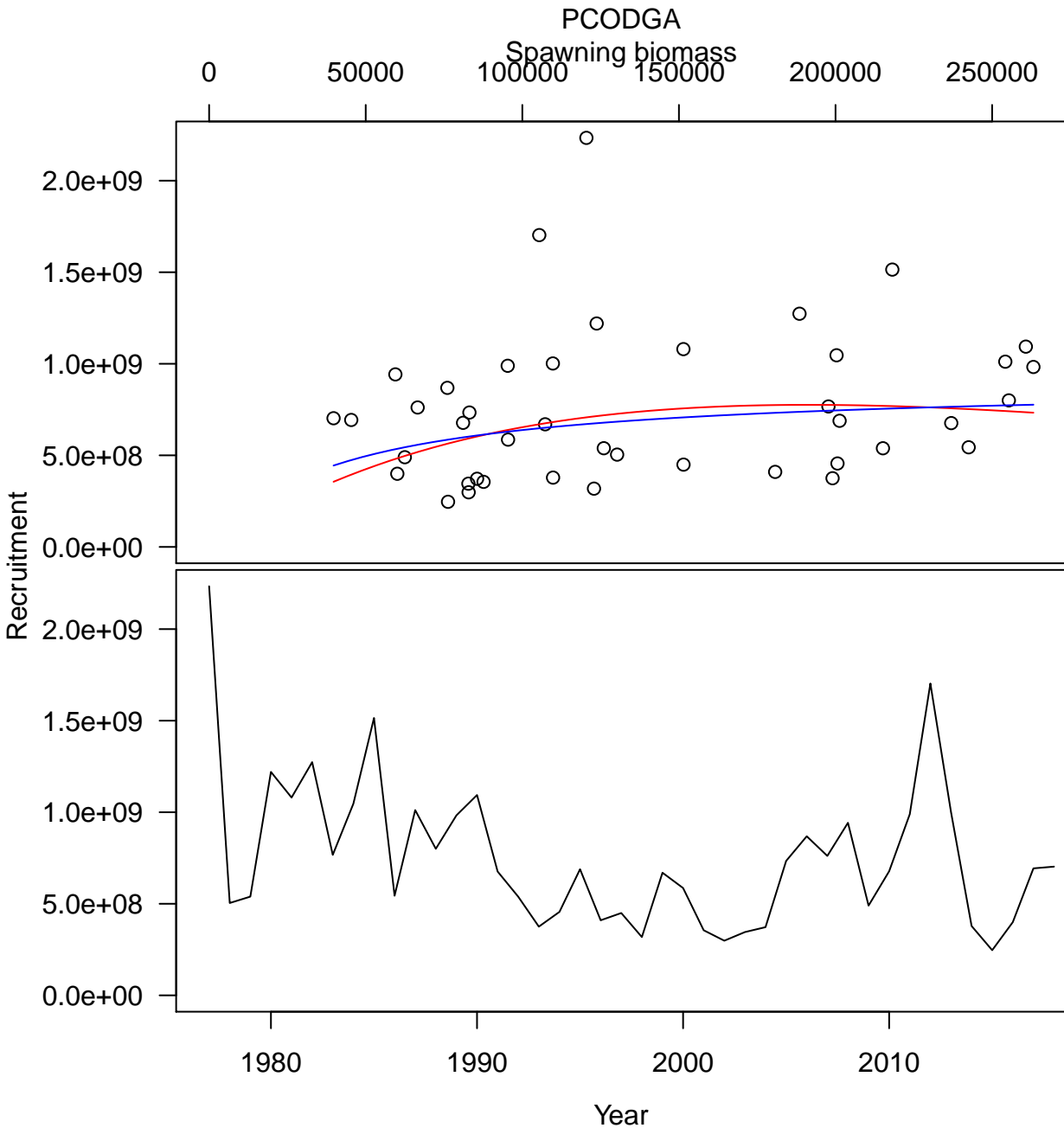












PERCHEBSAI

Spawning biomass

0e+00

1e+05

2e+05

3e+05

4e+05

5e+05

3e+08

2e+08

1e+08

0e+00

Recruitment

3e+08

2e+08

1e+08

0e+00

1960

1970

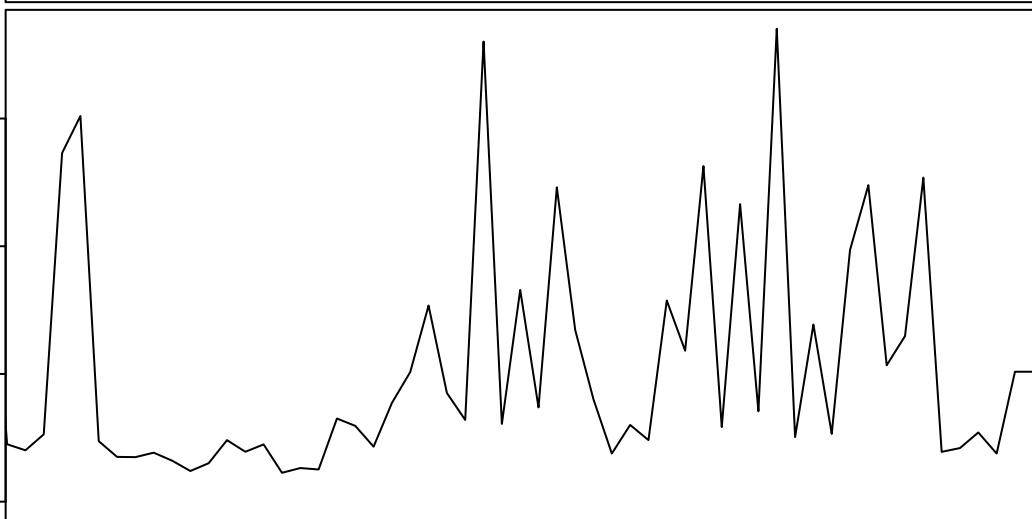
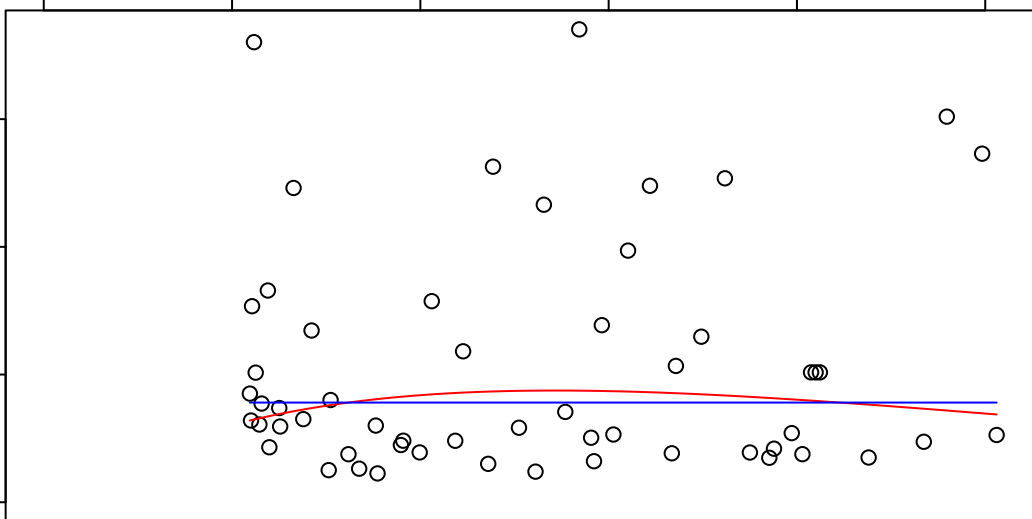
1980

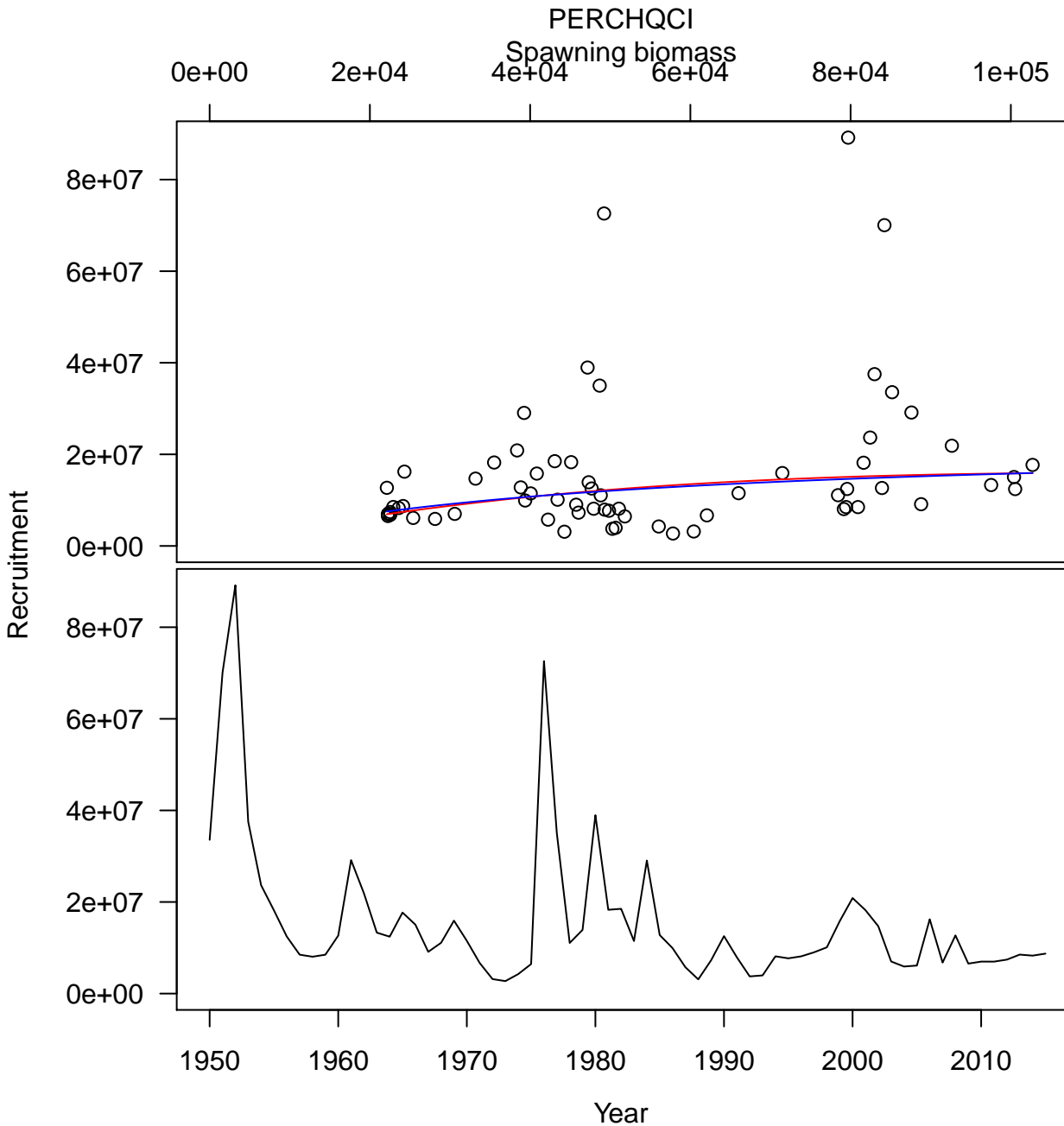
1990

2000

2010

Year





PERCHWCVANI
Spawning biomass

0

5000

10000

15000

20000

8e+06

6e+06

4e+06

2e+06

0e+00

Recruitment

8e+06

6e+06

4e+06

2e+06

0e+00

1950

1960

1970

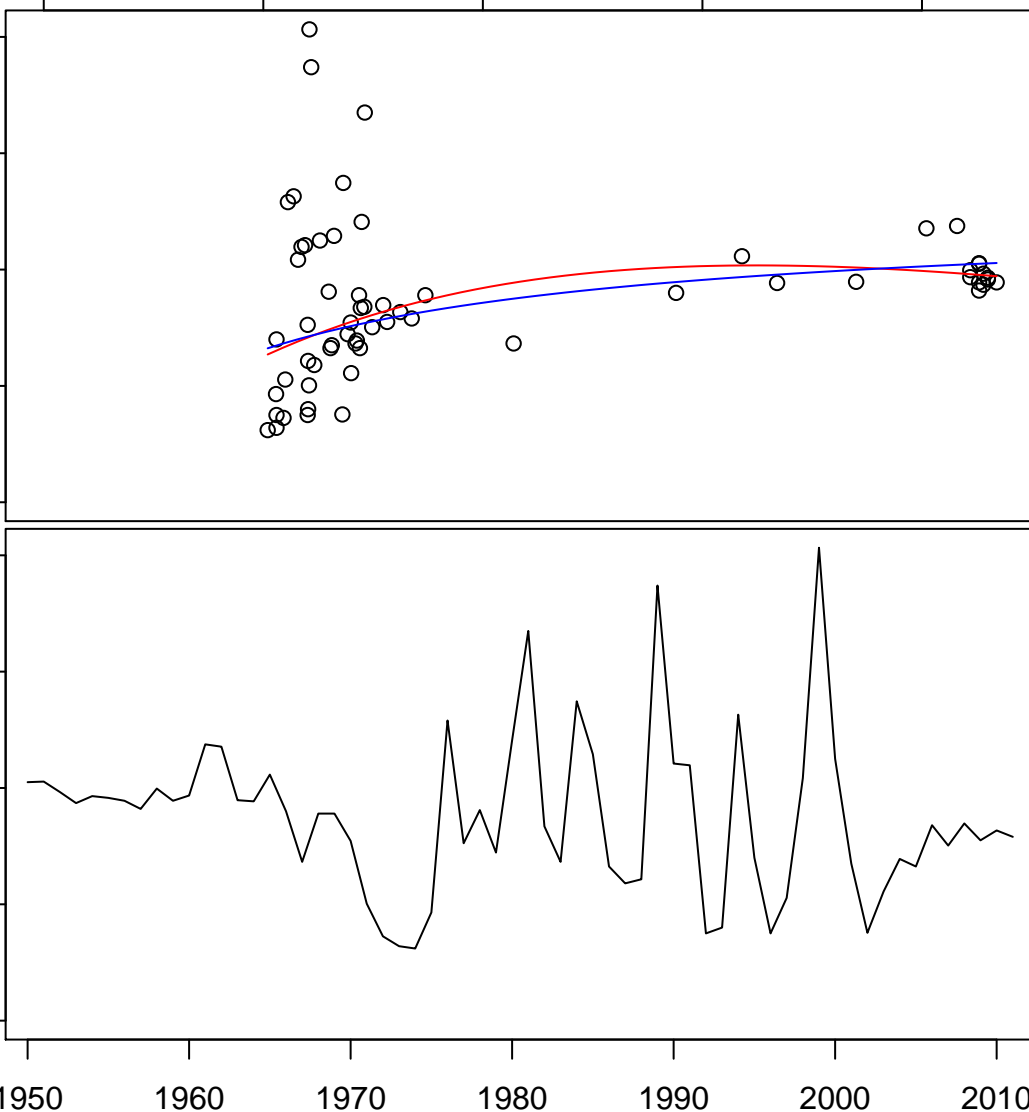
1980

1990

2000

2010

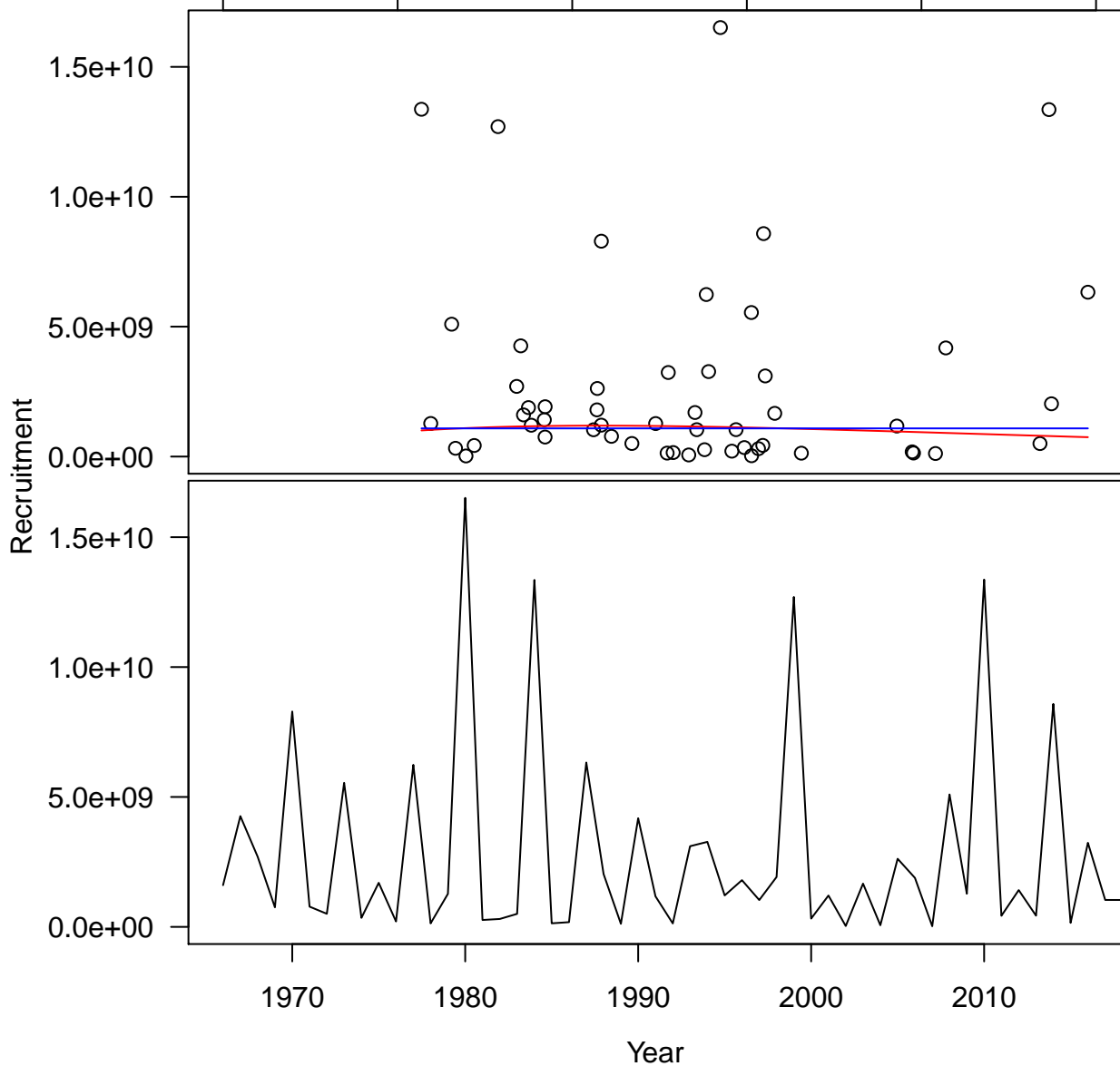
Year



PHAKEPCOAST

Spawning biomass

0 500000 1000000 1500000 2000000 2500000



PILCHPJPN

Spawning biomass

0.0e+00

4.0e+06

8.0e+06

1.2e+07

3.0e+11

2.5e+11

2.0e+11

1.5e+11

1.0e+11

5.0e+10

0.0e+00

Recruitment

3.0e+11

2.5e+11

2.0e+11

1.5e+11

1.0e+11

5.0e+10

0.0e+00

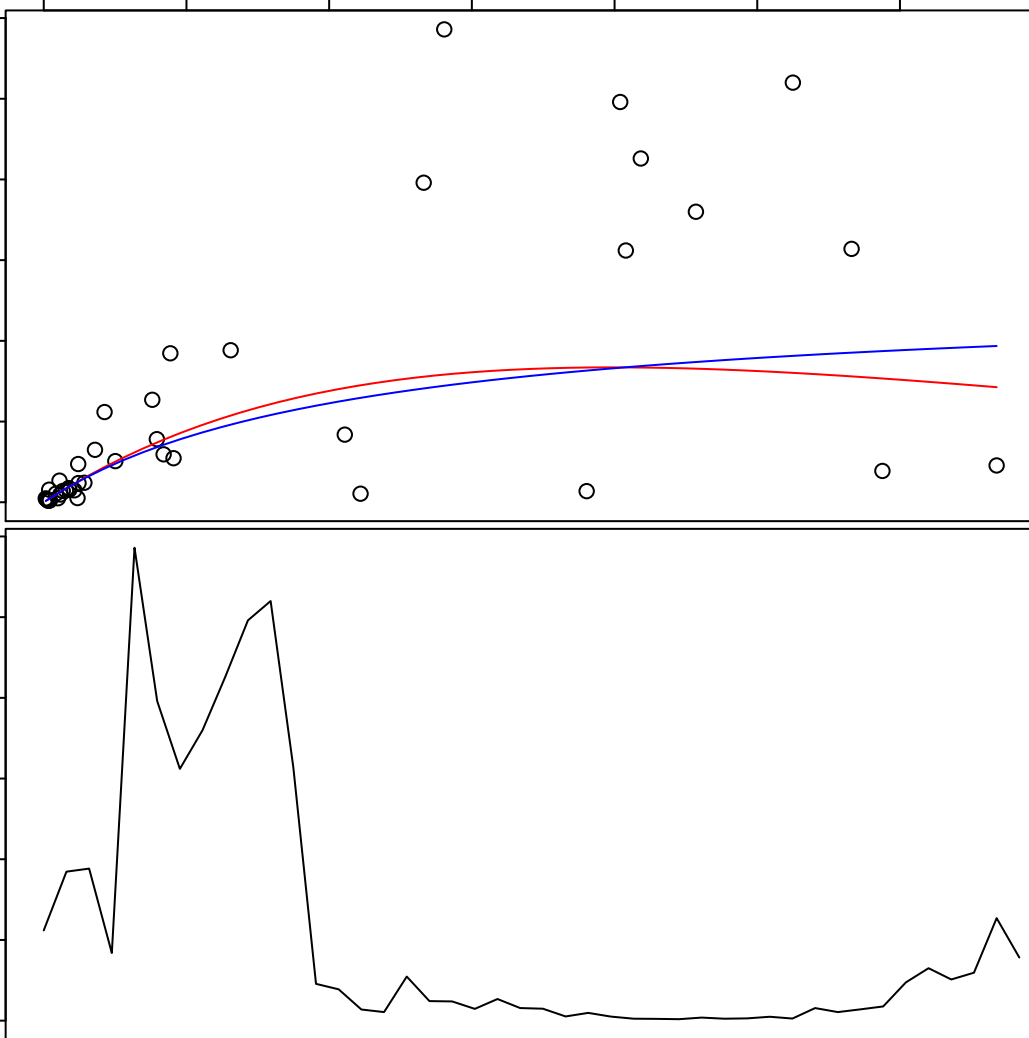
1980

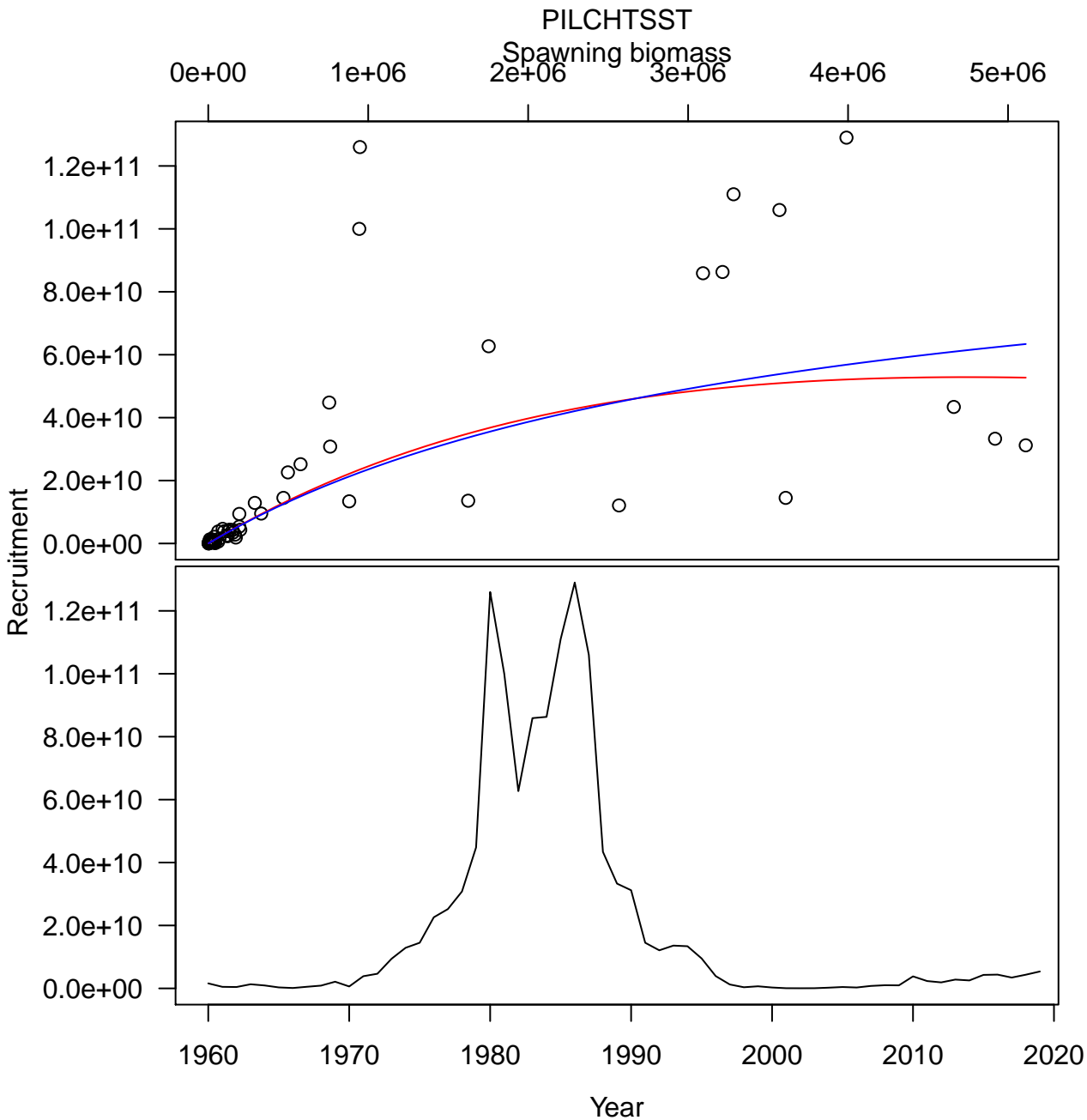
1990

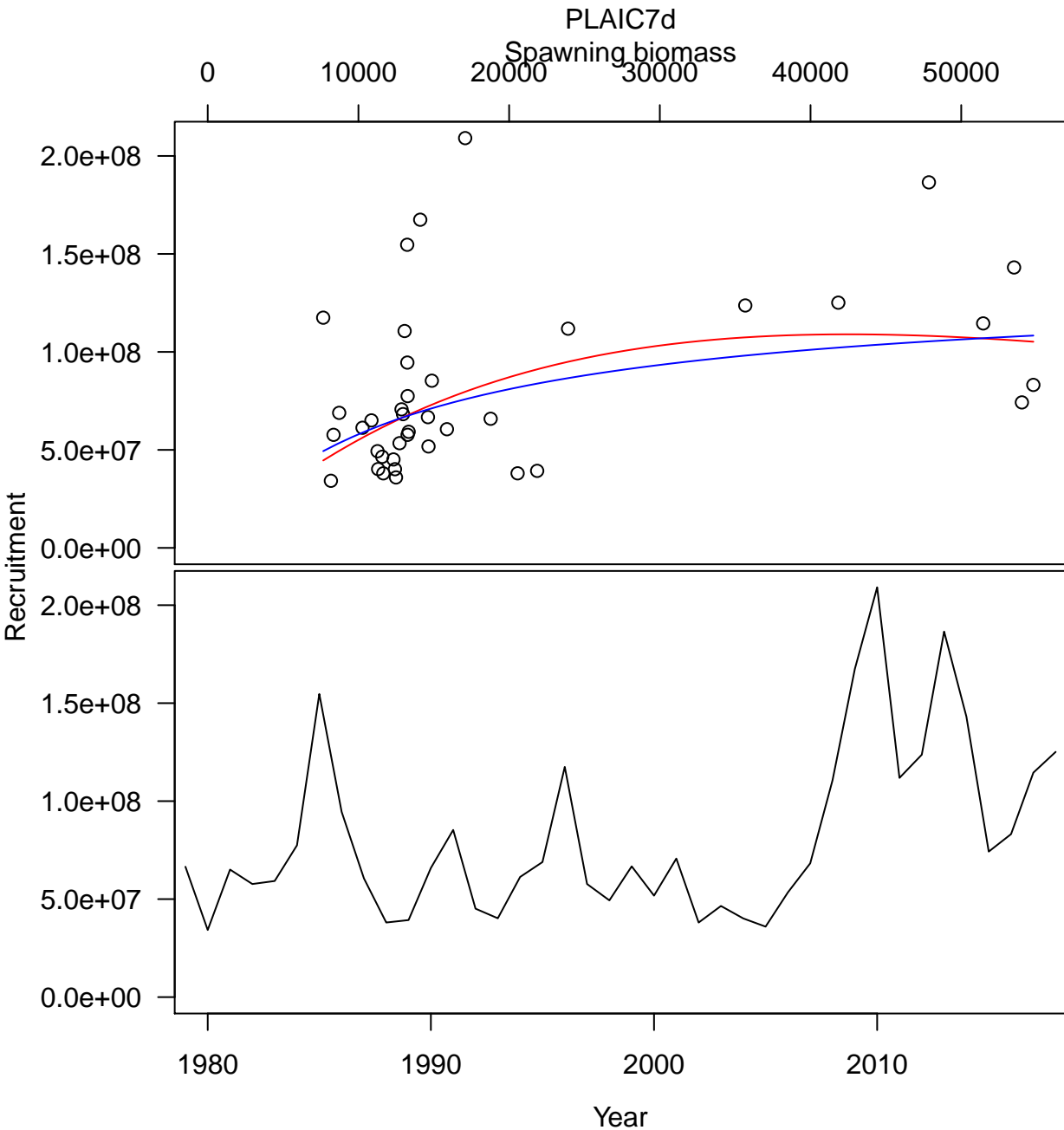
2000

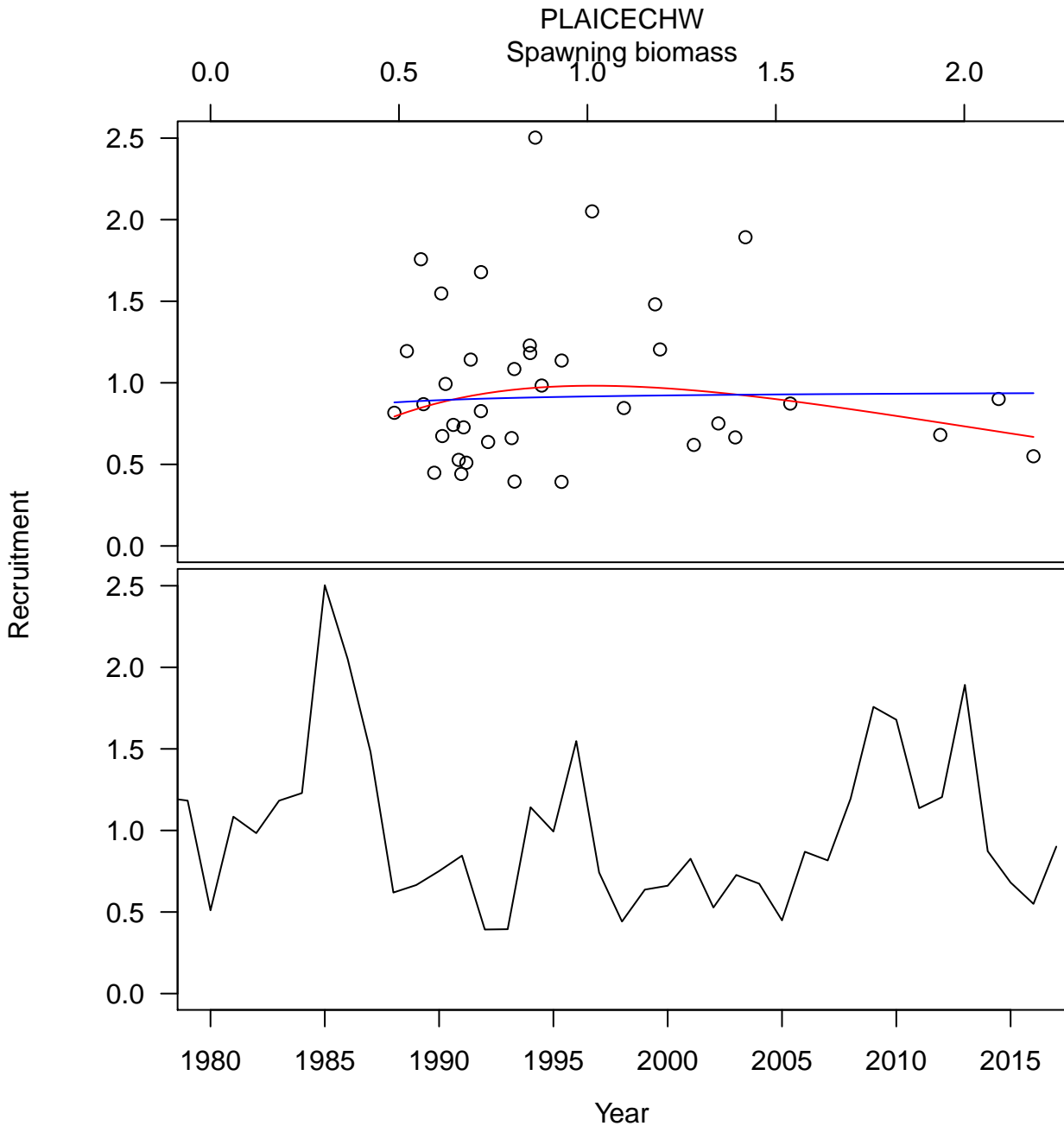
2010

Year









PLAICNS

Spawning biomass

0e+00 2e+05 4e+05 6e+05 8e+05 1e+06

4e+09

3e+09

2e+09

1e+09

0e+00

Recruitment

4e+09

3e+09

2e+09

1e+09

0e+00

1960

1970

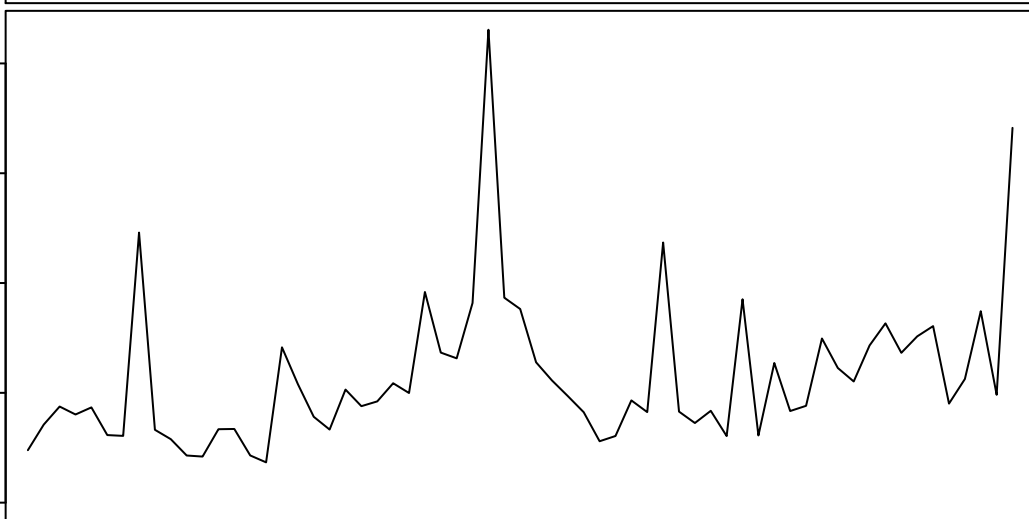
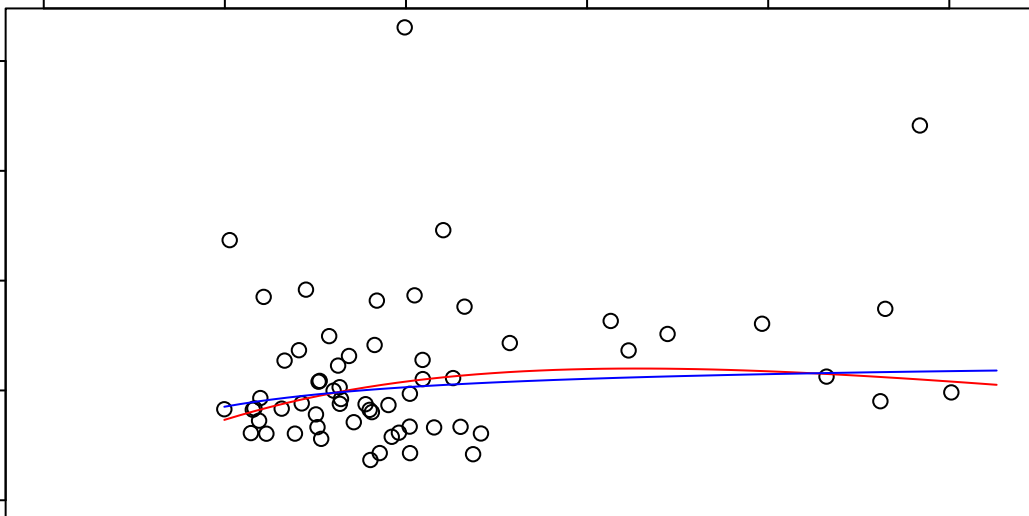
1980

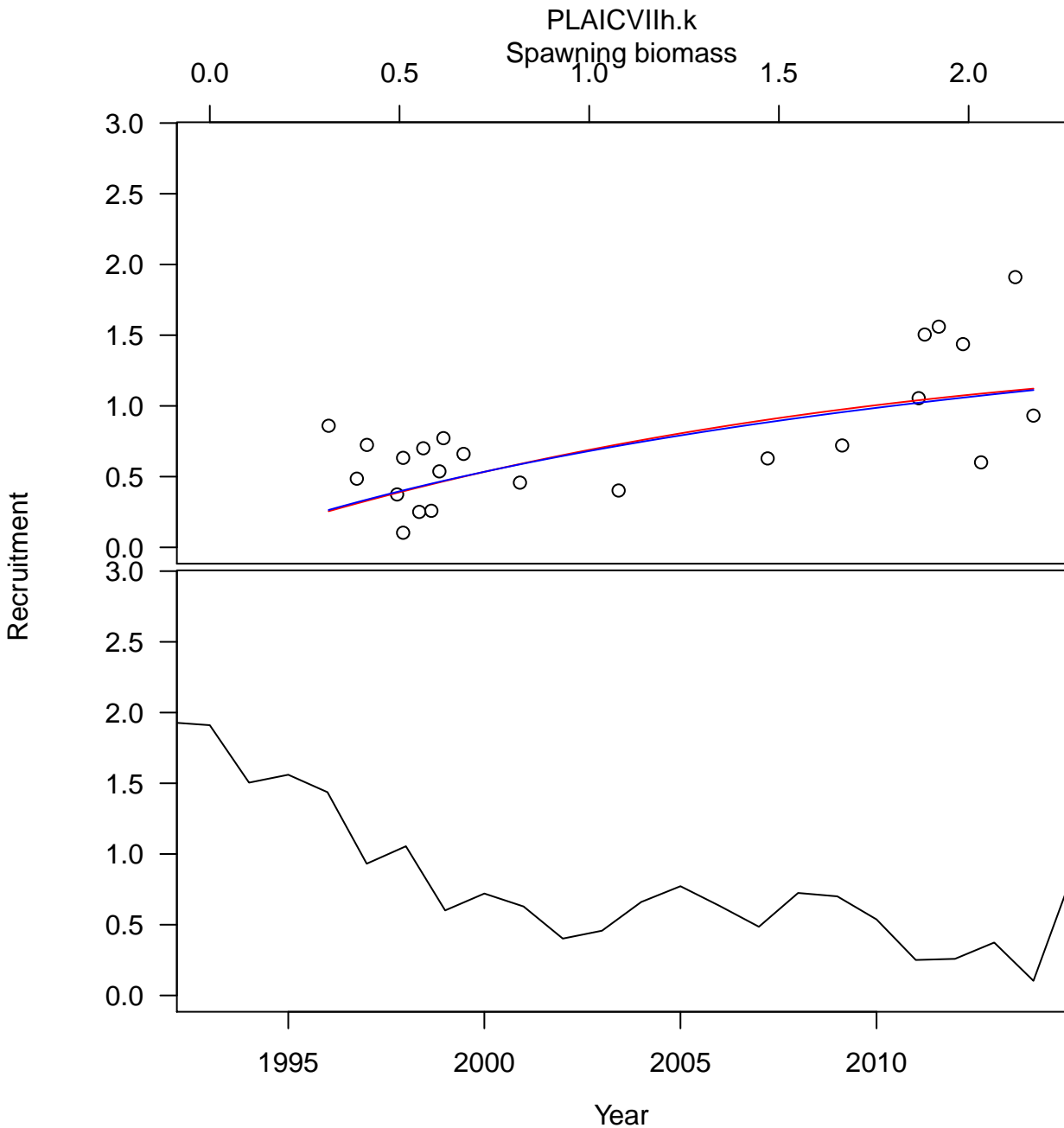
1990

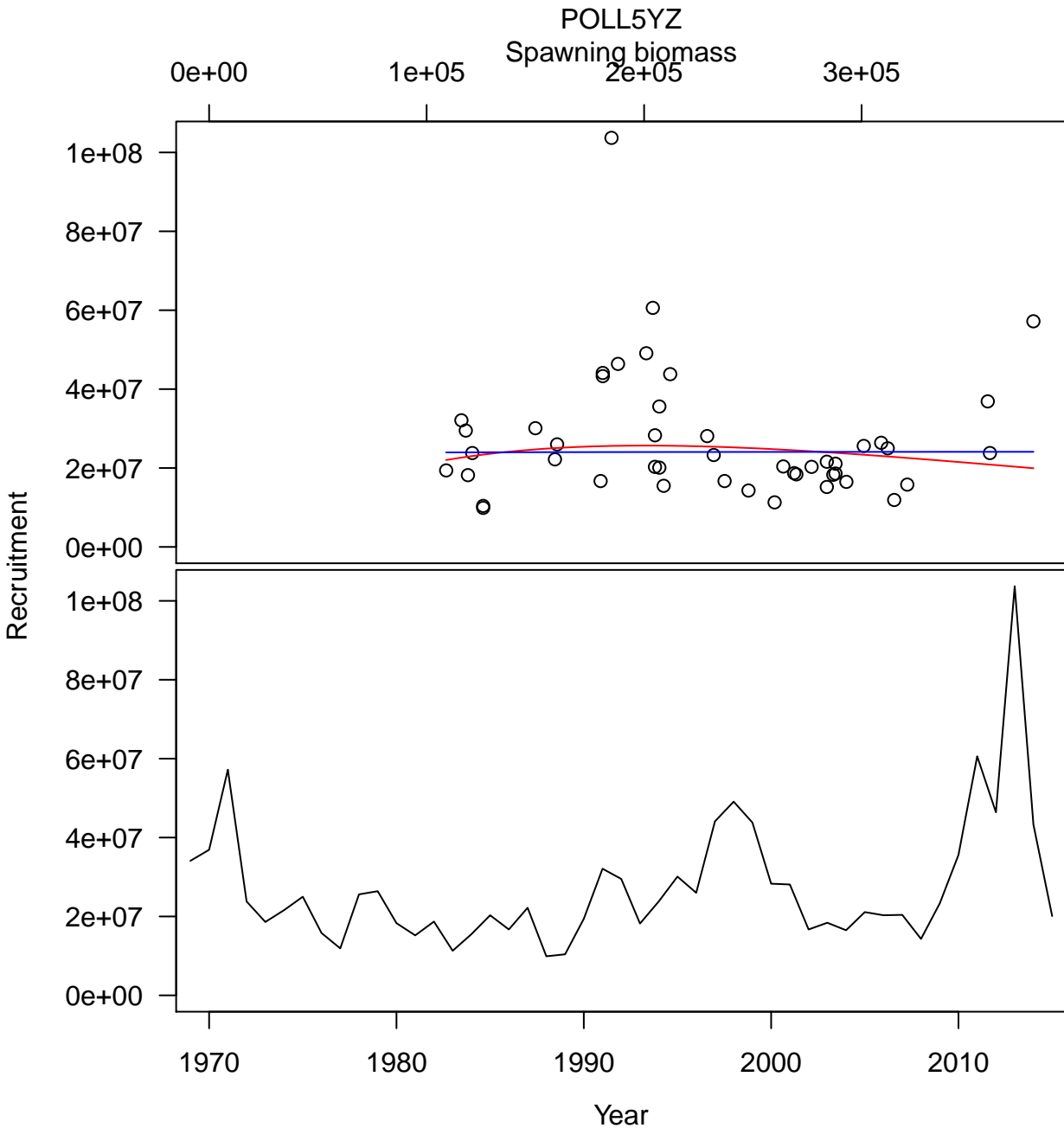
2000

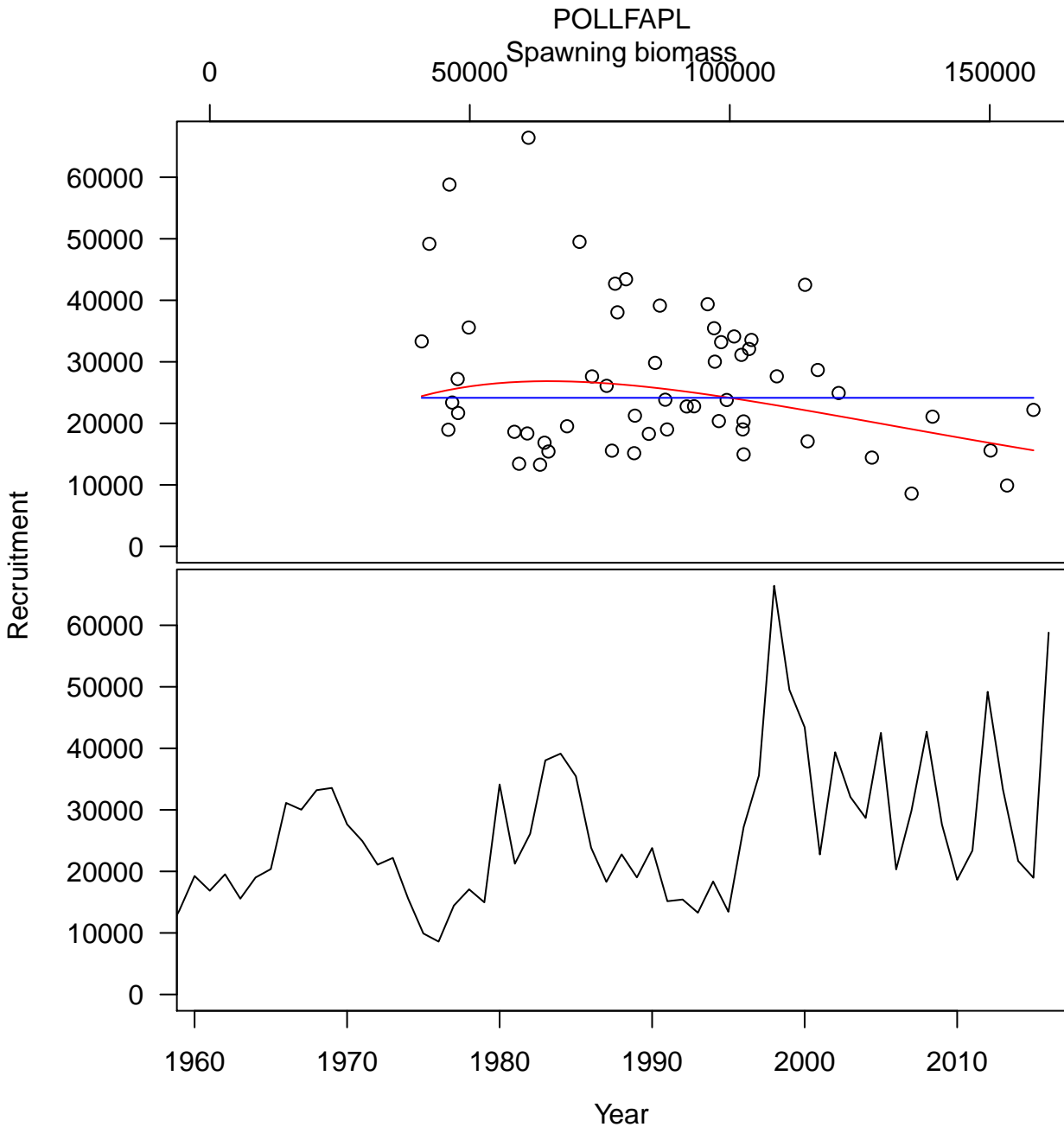
2010

Year









POLLIEG

Spawning biomass

0

50000

100000

150000

200000

1e+08

8e+07

6e+07

4e+07

2e+07

0e+00

Recruitment

1e+08

8e+07

6e+07

4e+07

2e+07

0e+00

1980

1985

1990

1995

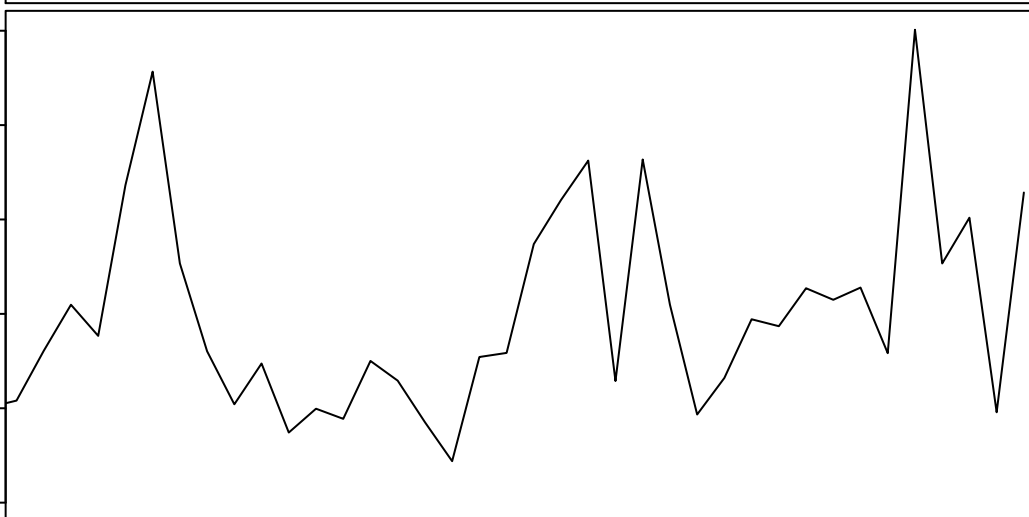
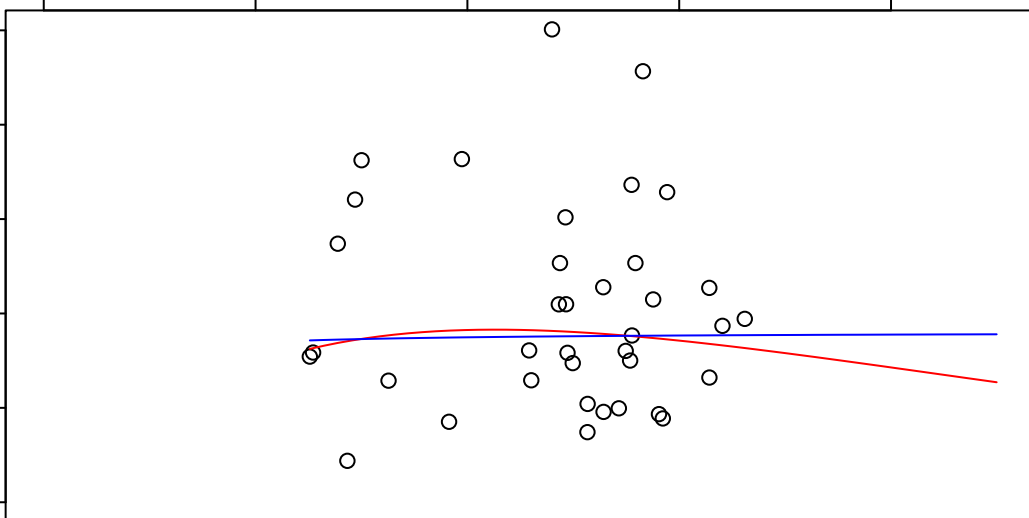
2000

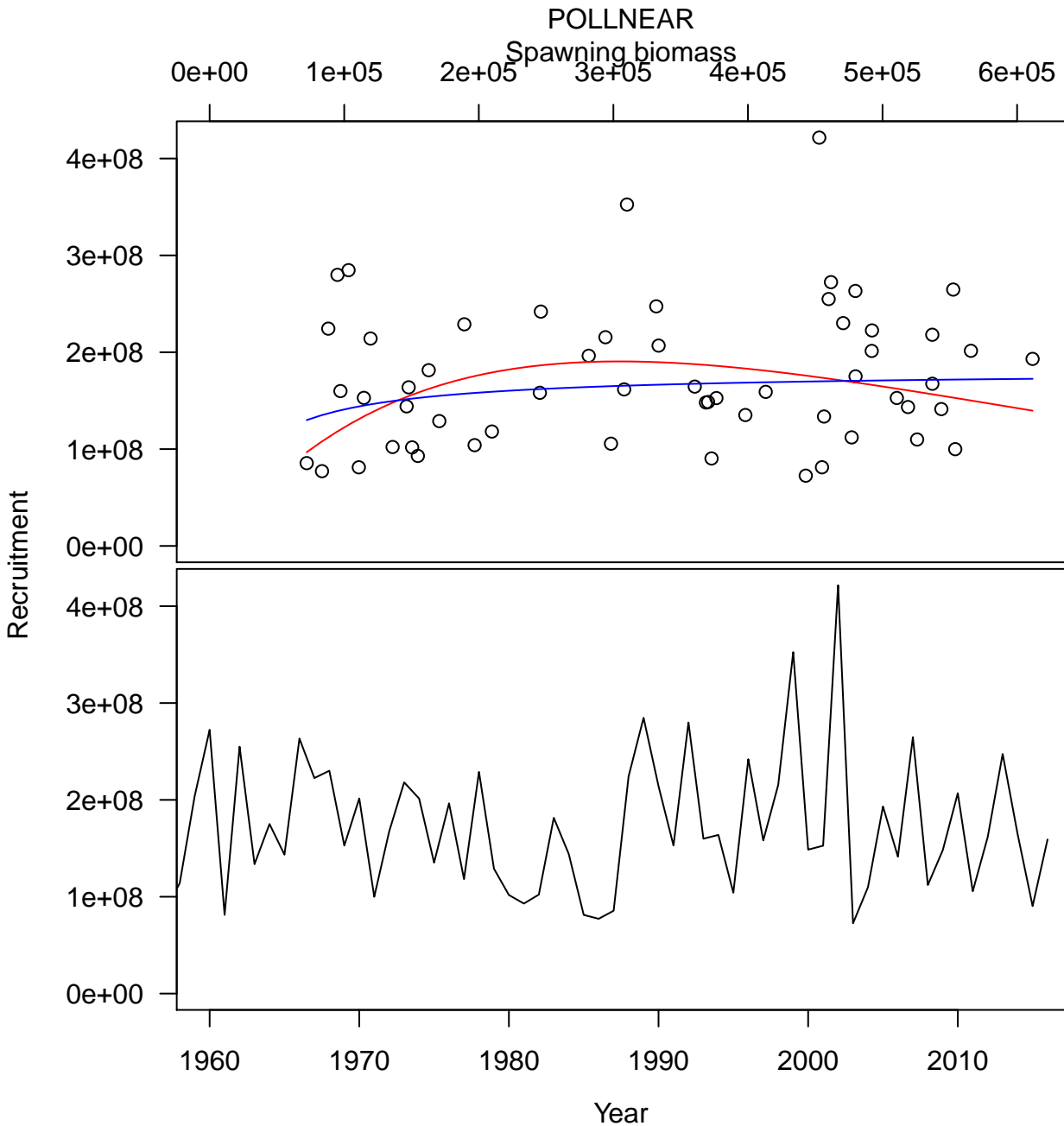
2005

2010

2015

Year





POLLNS.VI.IIIa

Spawning biomass

0e+00 1e+05 2e+05 3e+05 4e+05 5e+05 6e+05

4e+08

3e+08

2e+08

1e+08

0e+00

Recruitment

4e+08

3e+08

2e+08

1e+08

0e+00

1970

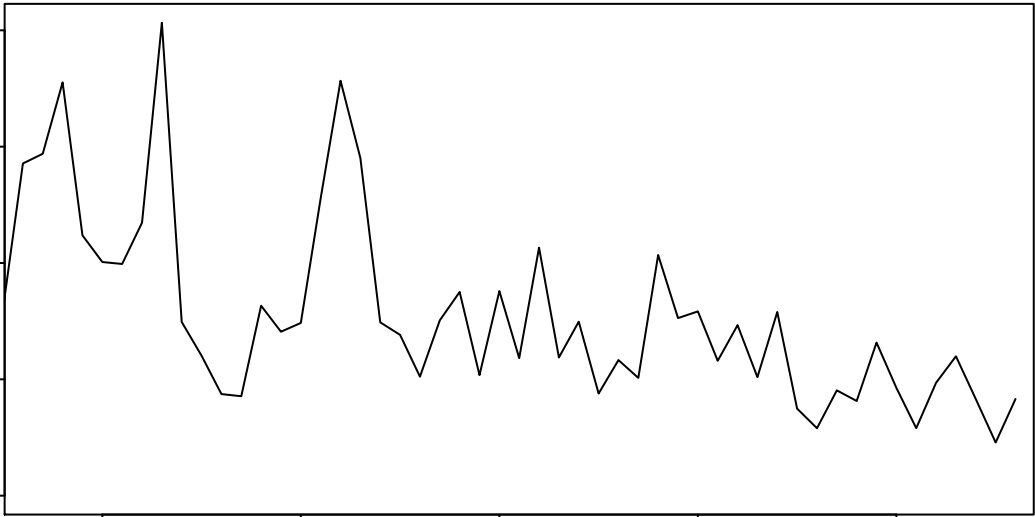
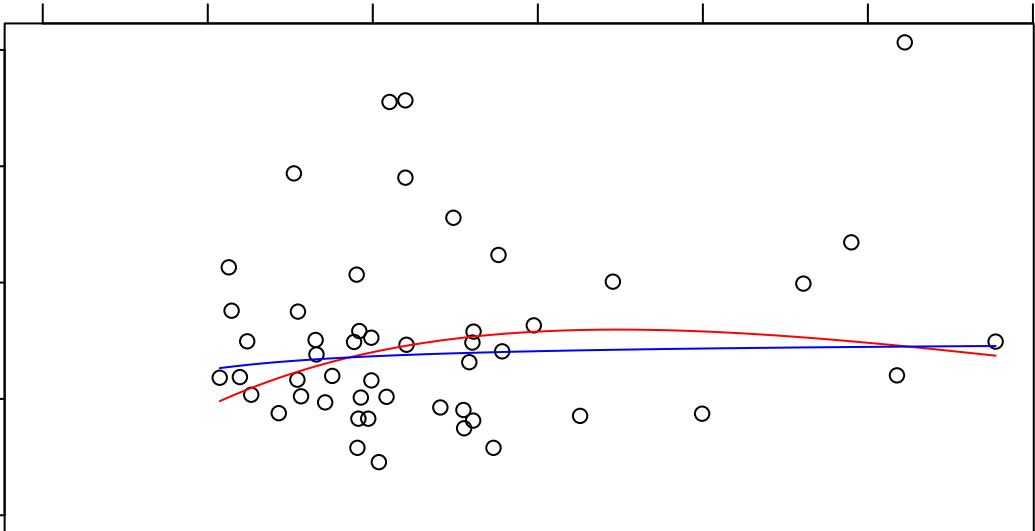
1980

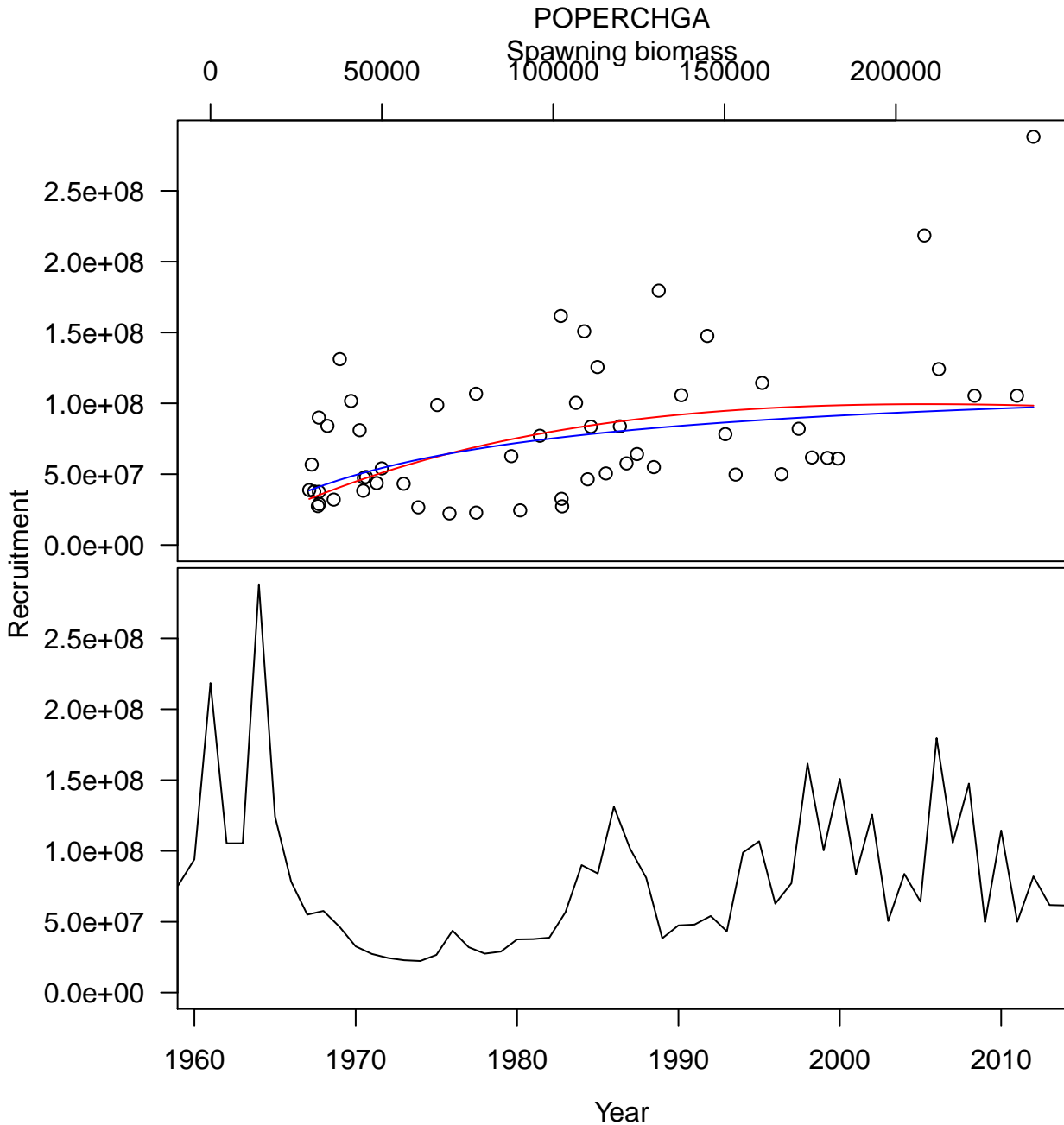
1990

2000

2010

Year

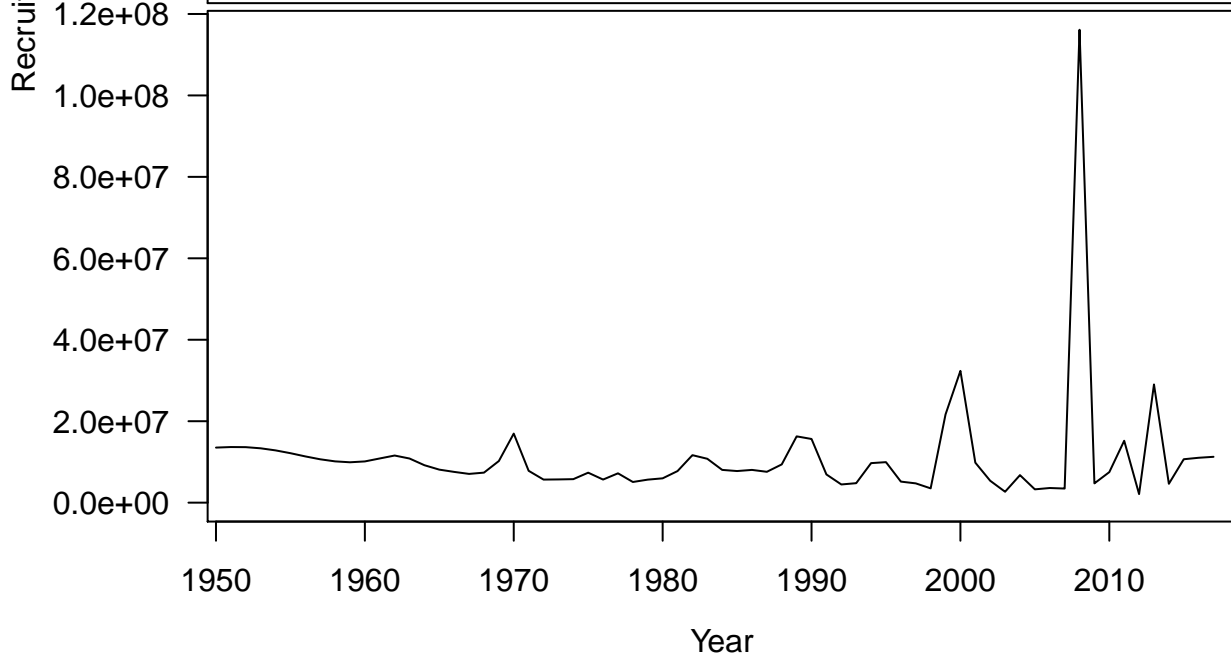
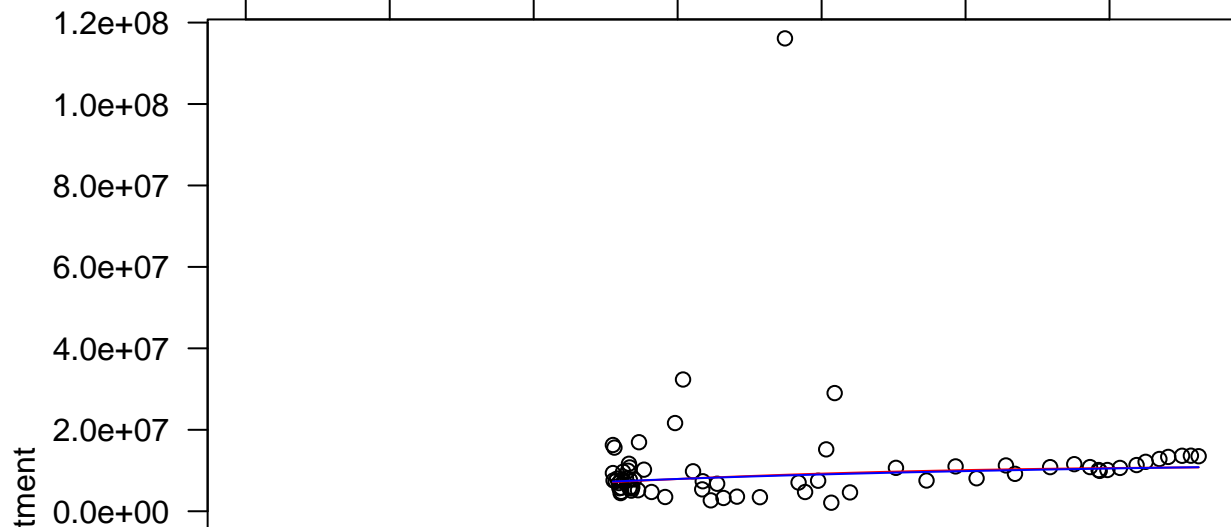




POPERCHPCOAST

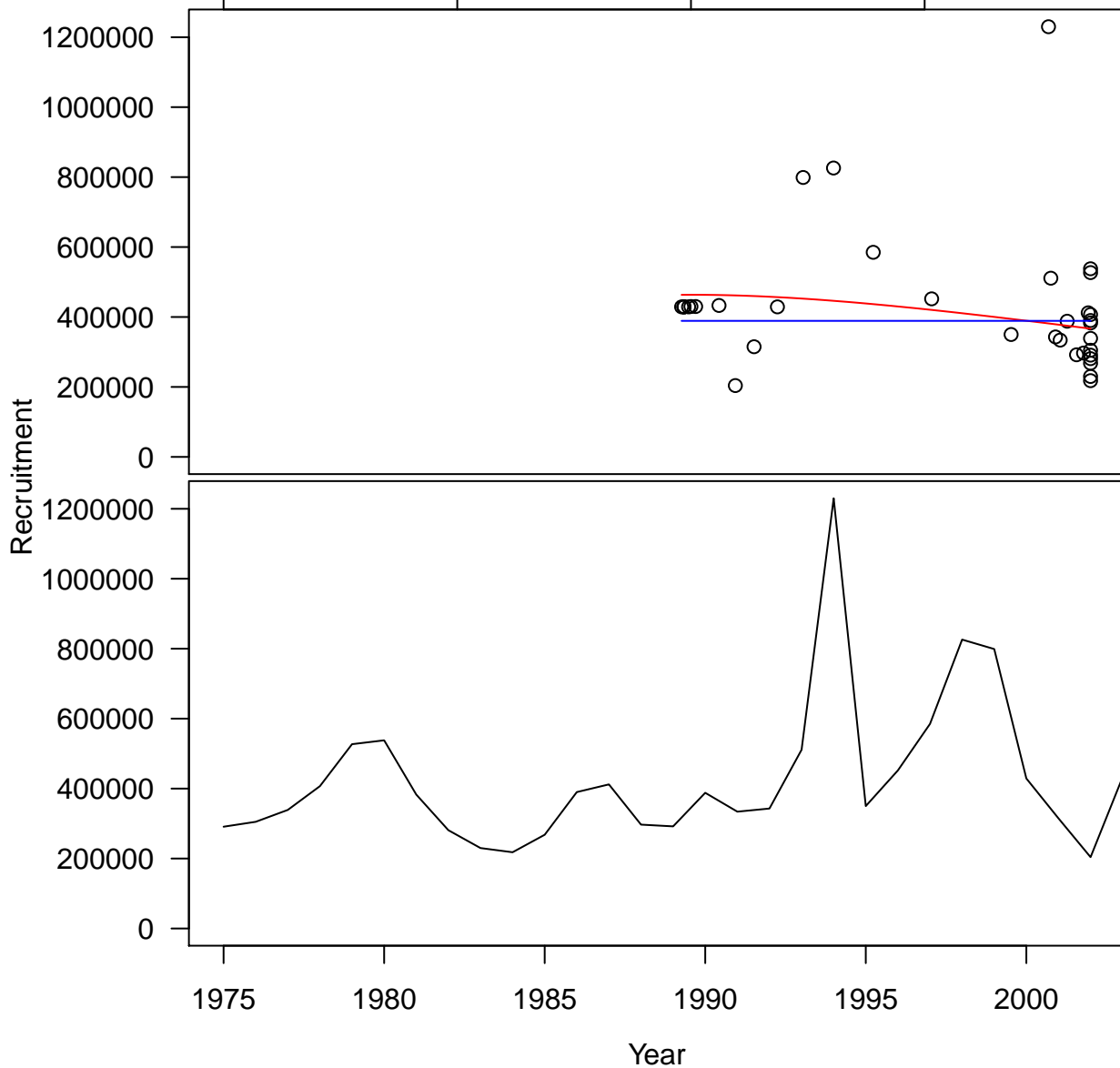
Spawning biomass

0 1000 2000 3000 4000 5000 6000



PTOOTHFISHMI
Spawning biomass

0 1000 2000 3000



PTOOTHFISHPEI

Spawning biomass

0

10000

20000

30000

40000

Recruitment

6e+12

5e+12

4e+12

3e+12

2e+12

1e+12

0e+00

6e+12

5e+12

4e+12

3e+12

2e+12

1e+12

0e+00

1960

1970

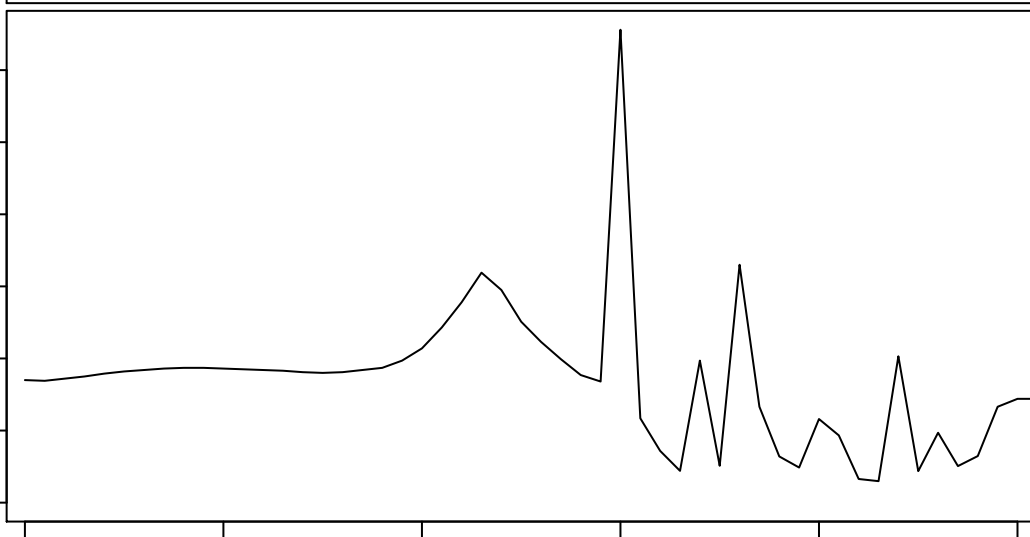
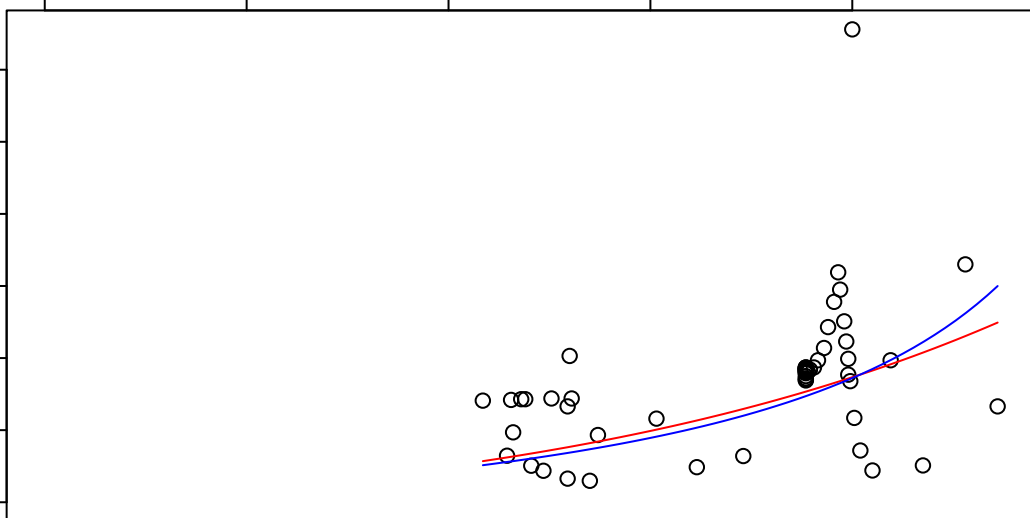
1980

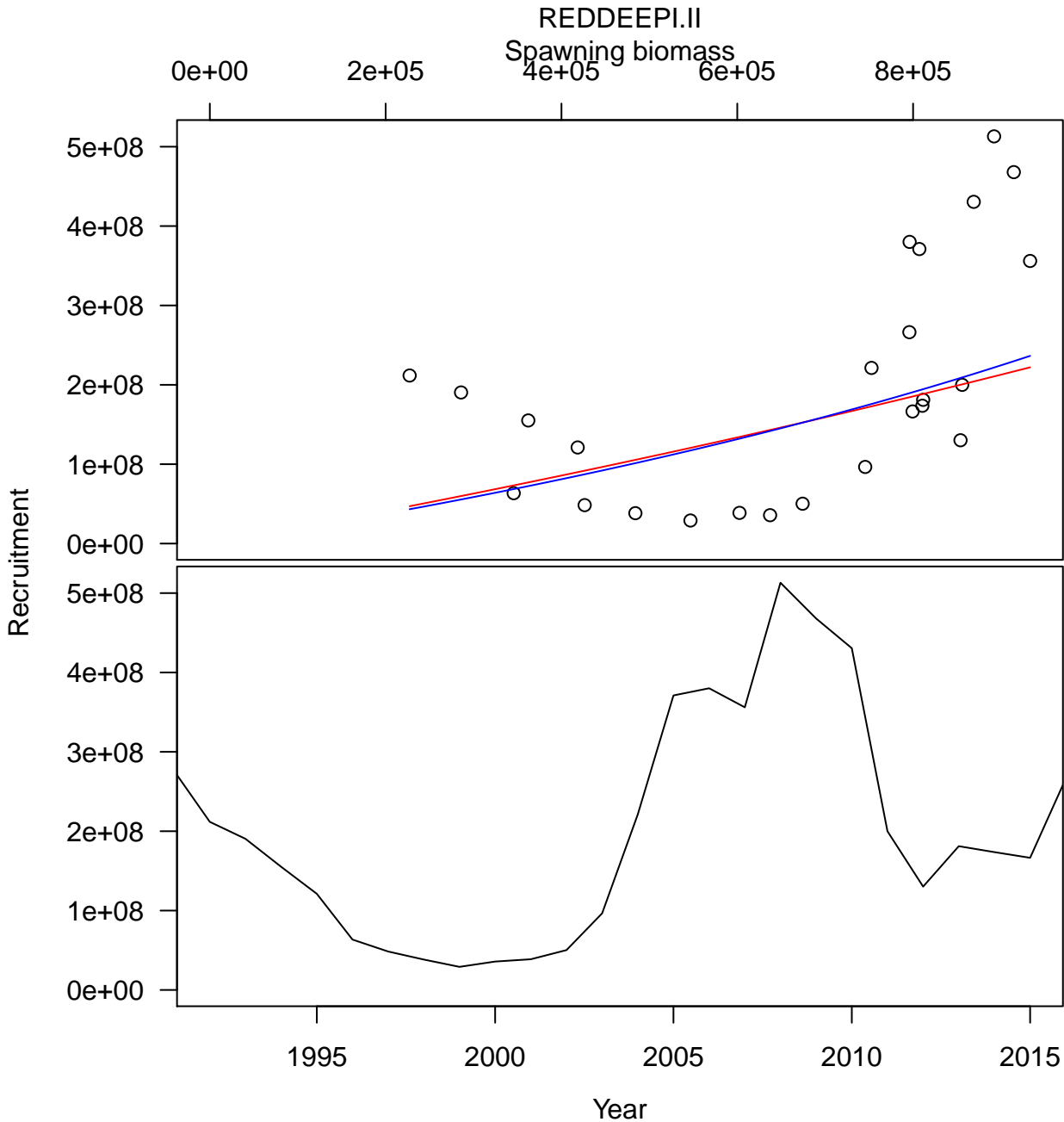
1990

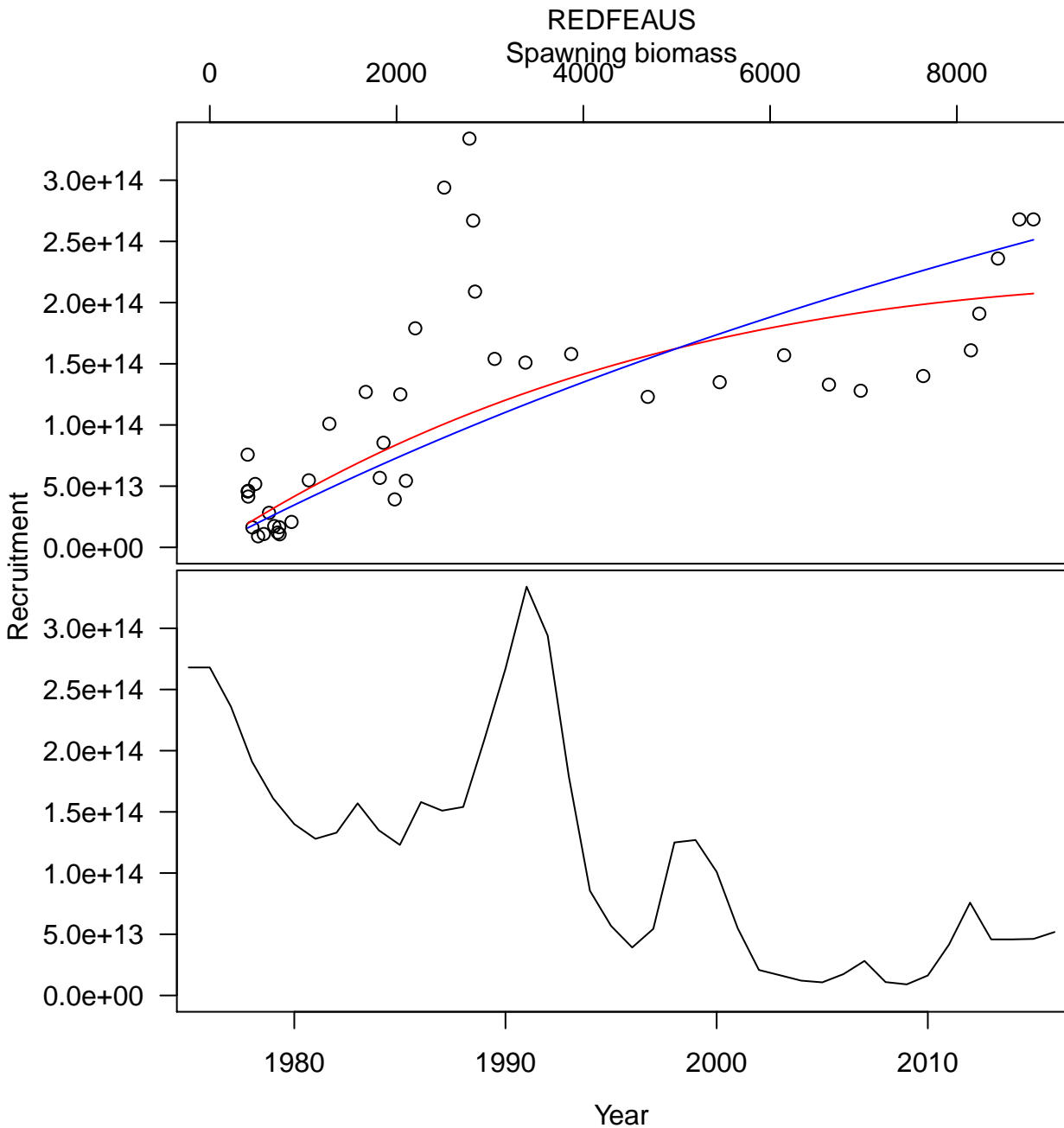
2000

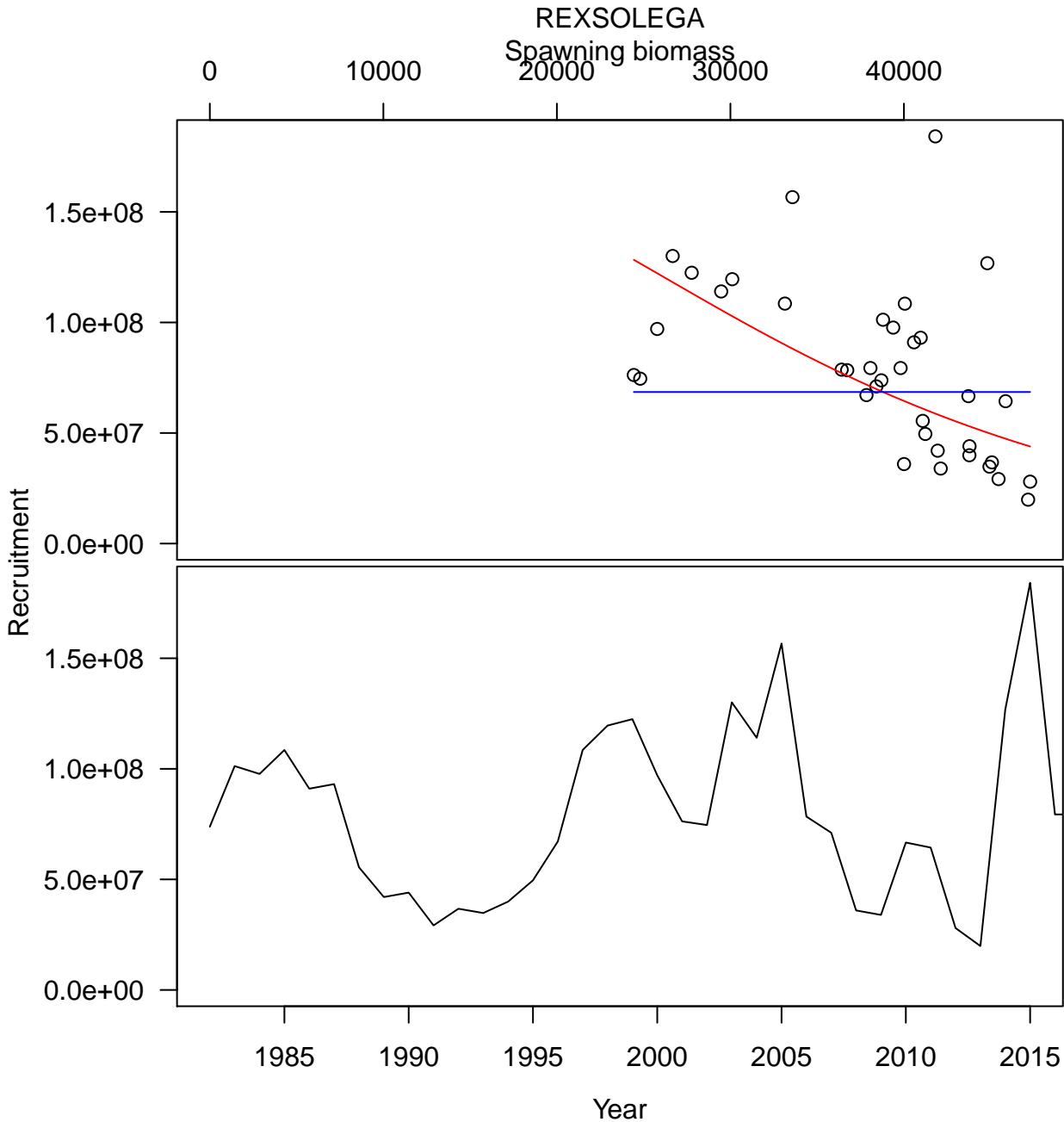
2010

Year









REYEROCKBSAI
Spawning biomass

0 1000 2000 3000 4000 5000 6000 7000

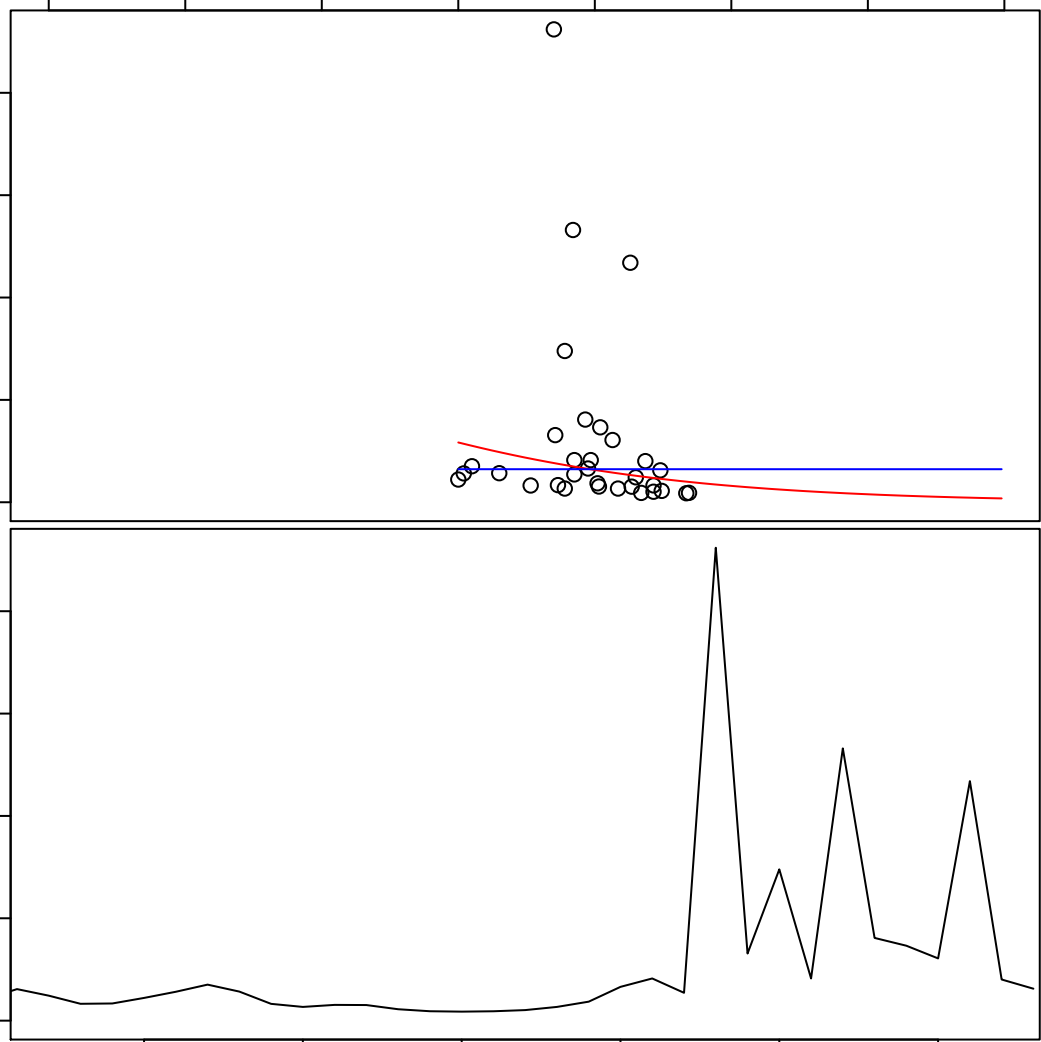
Recruitment

2.0e+07
1.5e+07
1.0e+07
5.0e+06
0.0e+00

2.0e+07
1.5e+07
1.0e+07
5.0e+06
0.0e+00

Year

1980 1985 1990 1995 2000 2005



REYEROCKGA
Spawning biomass

0

5000

10000

15000

Recruitment

4e+06

3e+06

2e+06

1e+06

0e+00

4e+06

3e+06

2e+06

1e+06

0e+00

1980

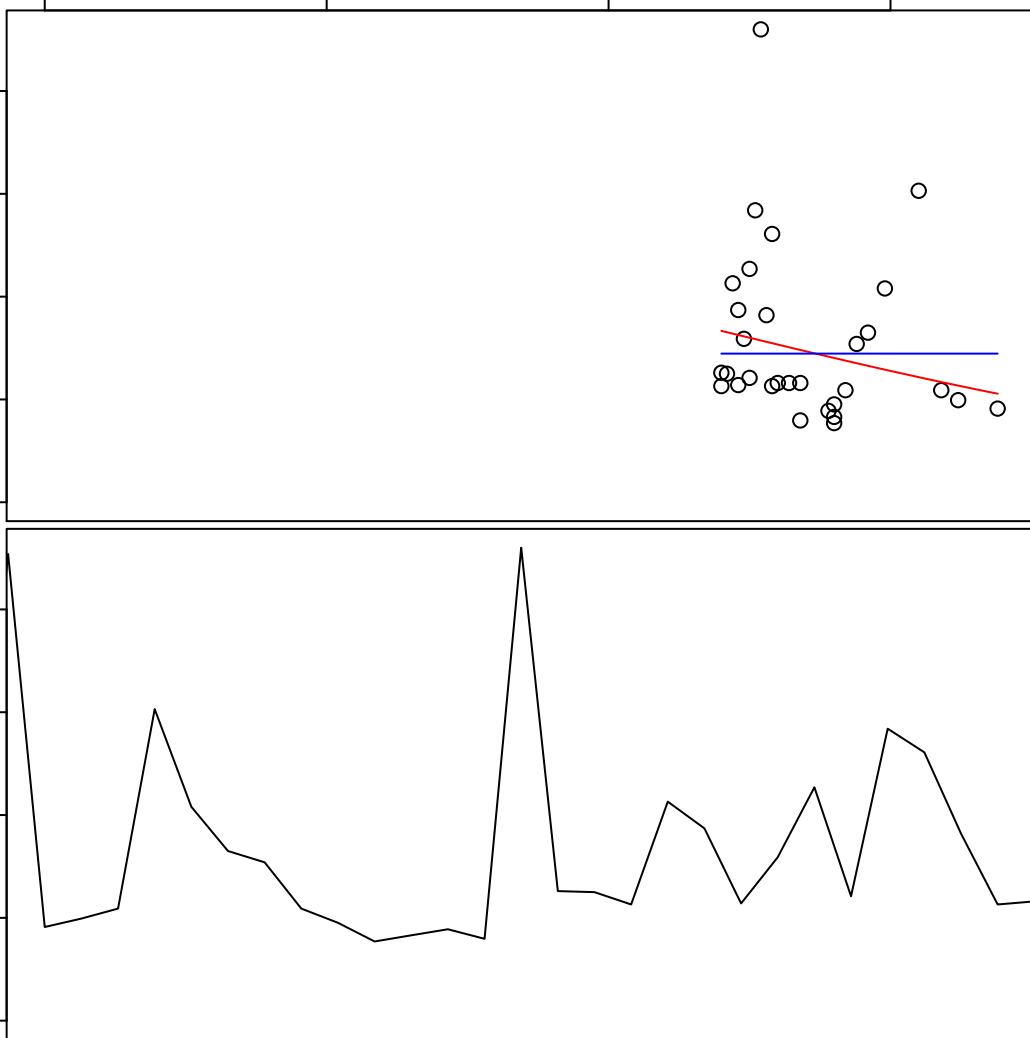
1985

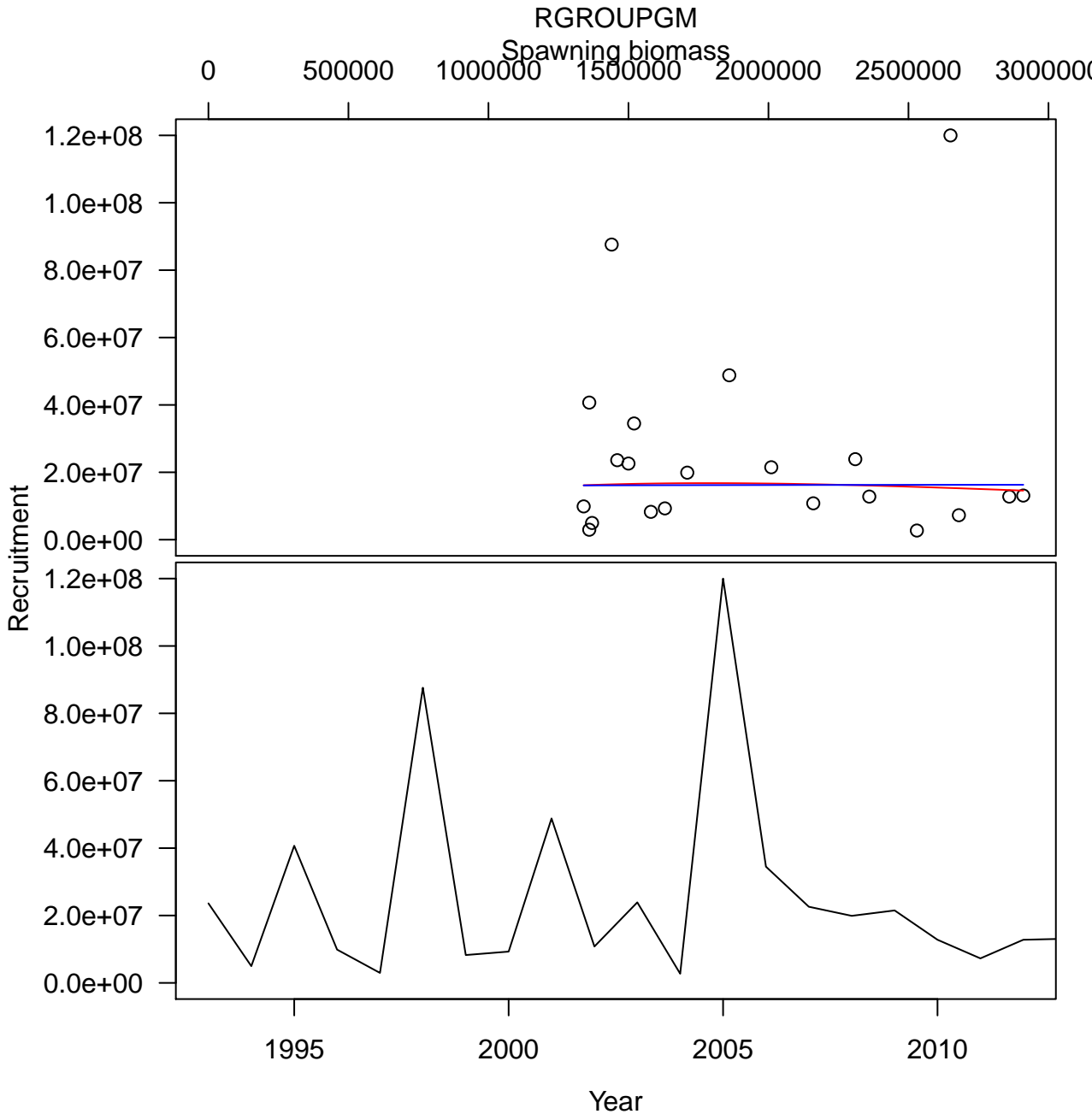
1990

1995

2000

Year

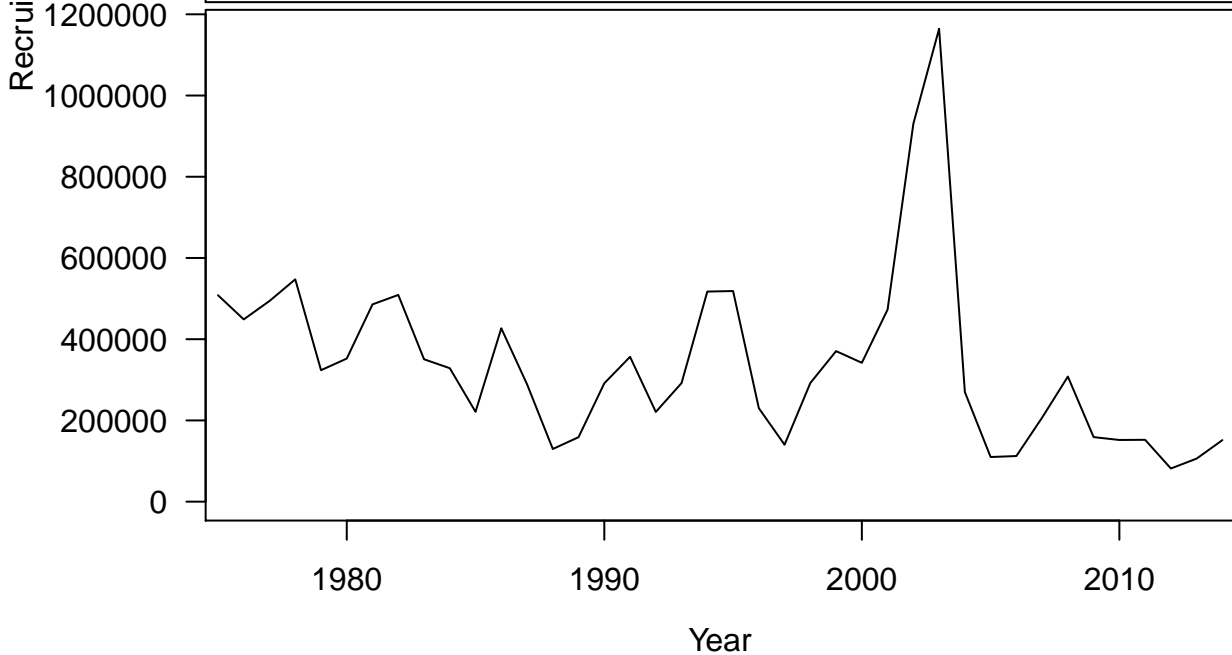
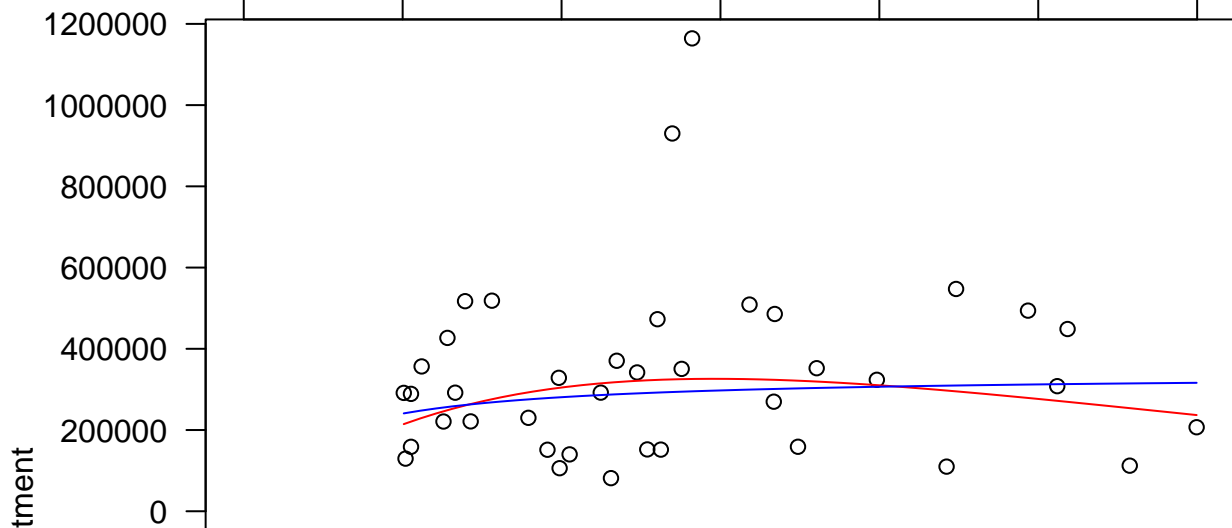


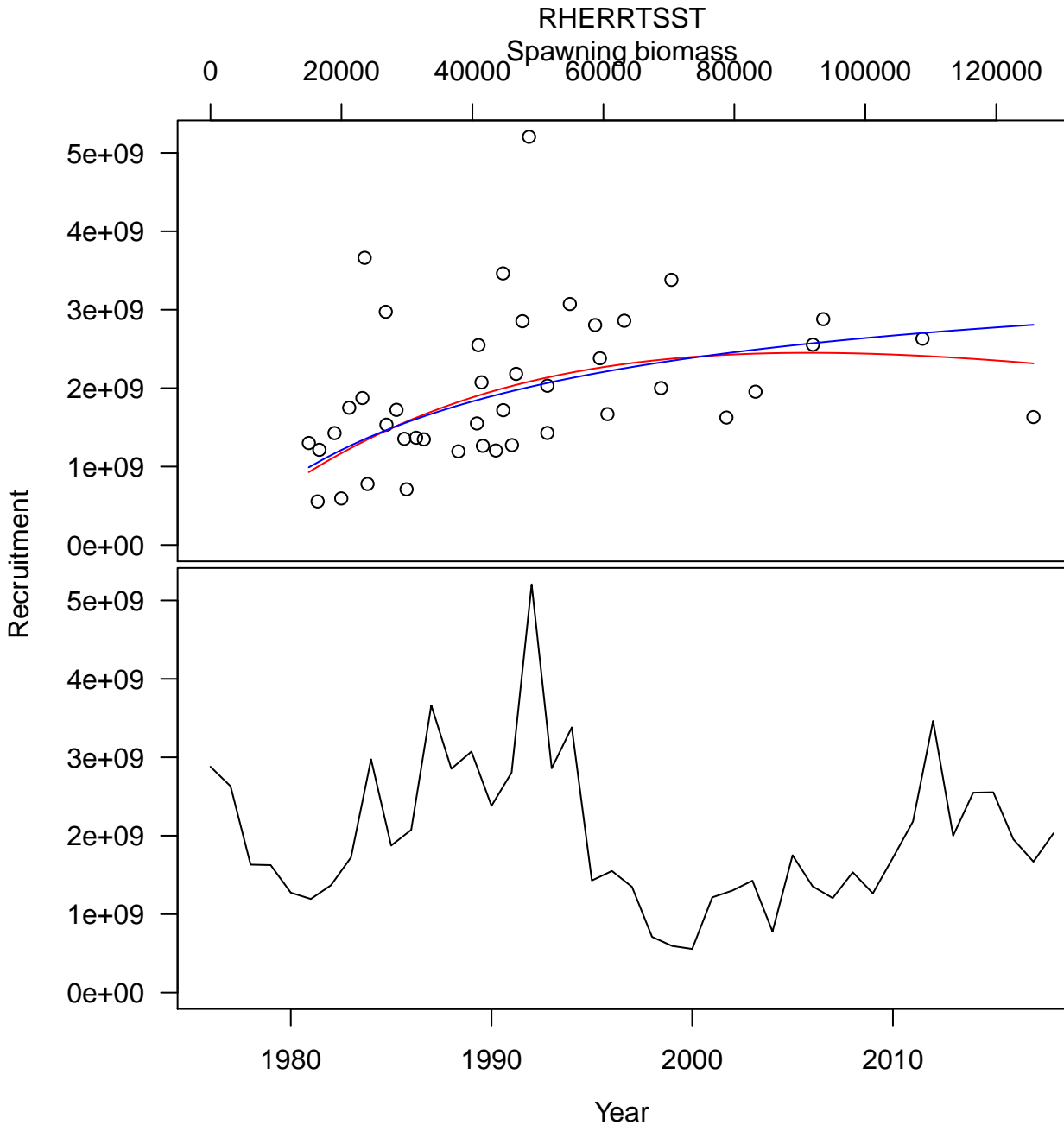


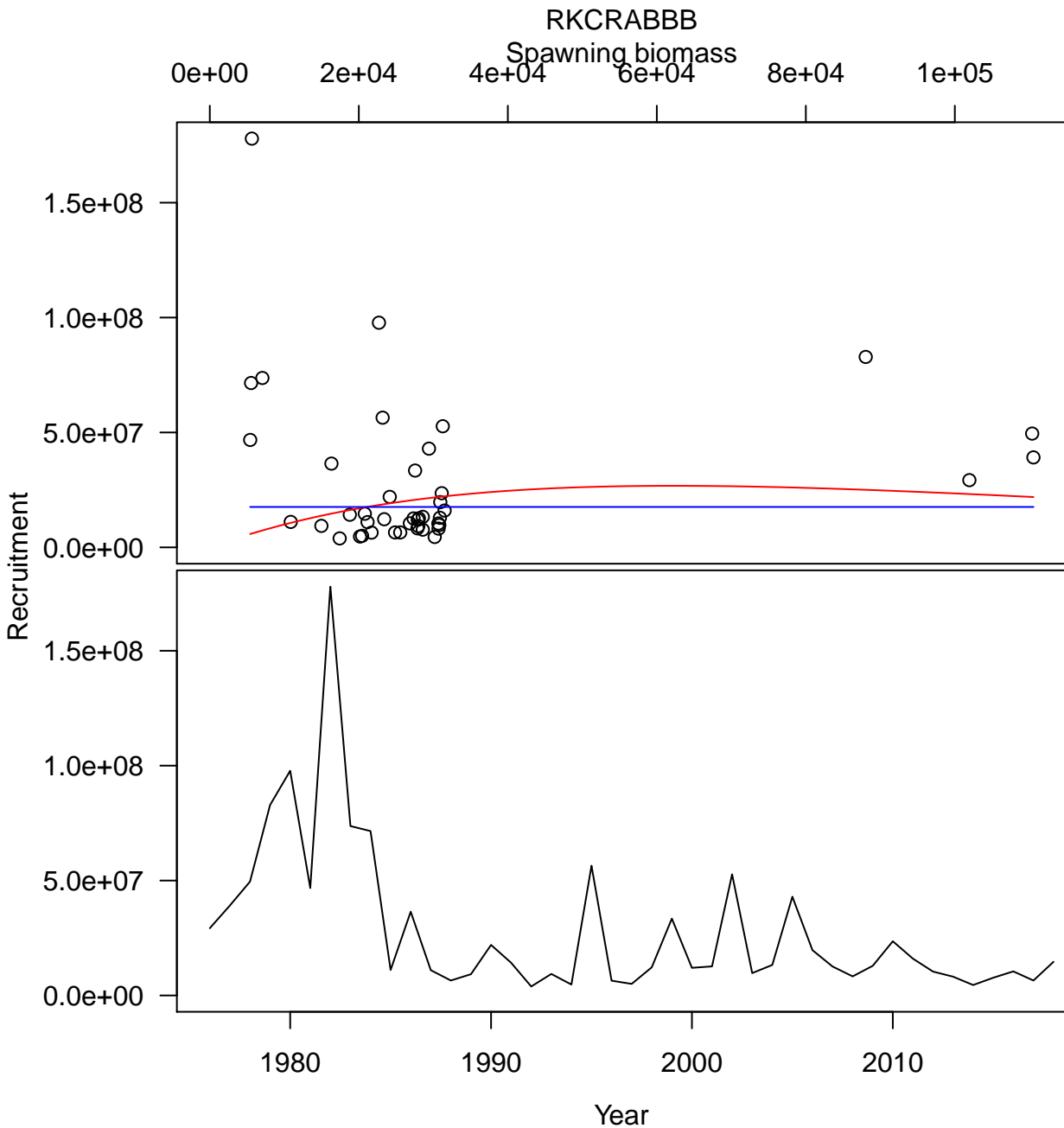
RGROUPSATL

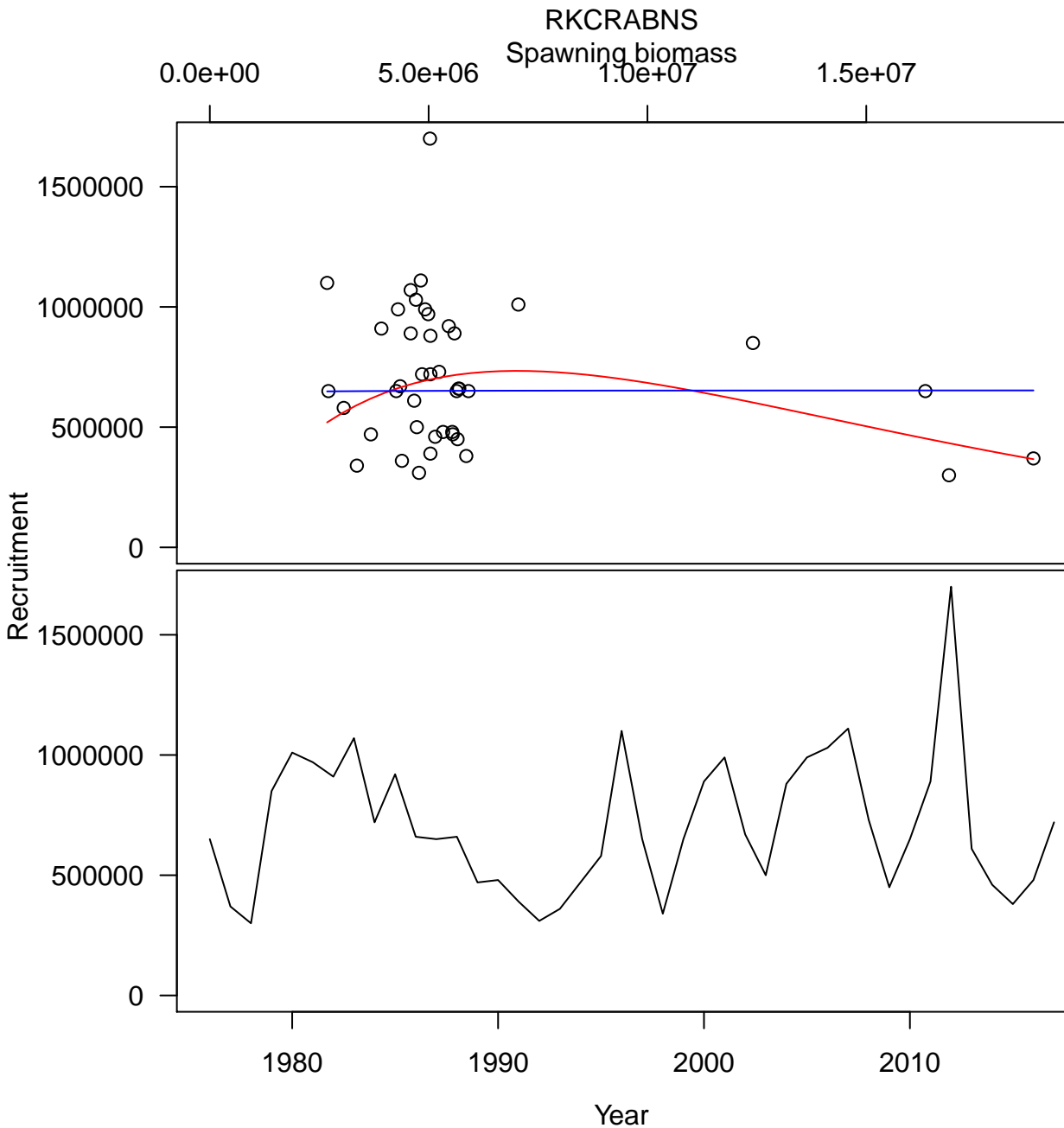
Spawning biomass

0 500000 1000000 1500000 2000000 2500000 3000000









RMULLMEDGSA29

Spawning biomass

0

2000

4000

6000

8000

1.2e+09

1.0e+09

8.0e+08

6.0e+08

4.0e+08

2.0e+08

0.0e+00

Recruitment

1.2e+09

1.0e+09

8.0e+08

6.0e+08

4.0e+08

2.0e+08

0.0e+00

1990

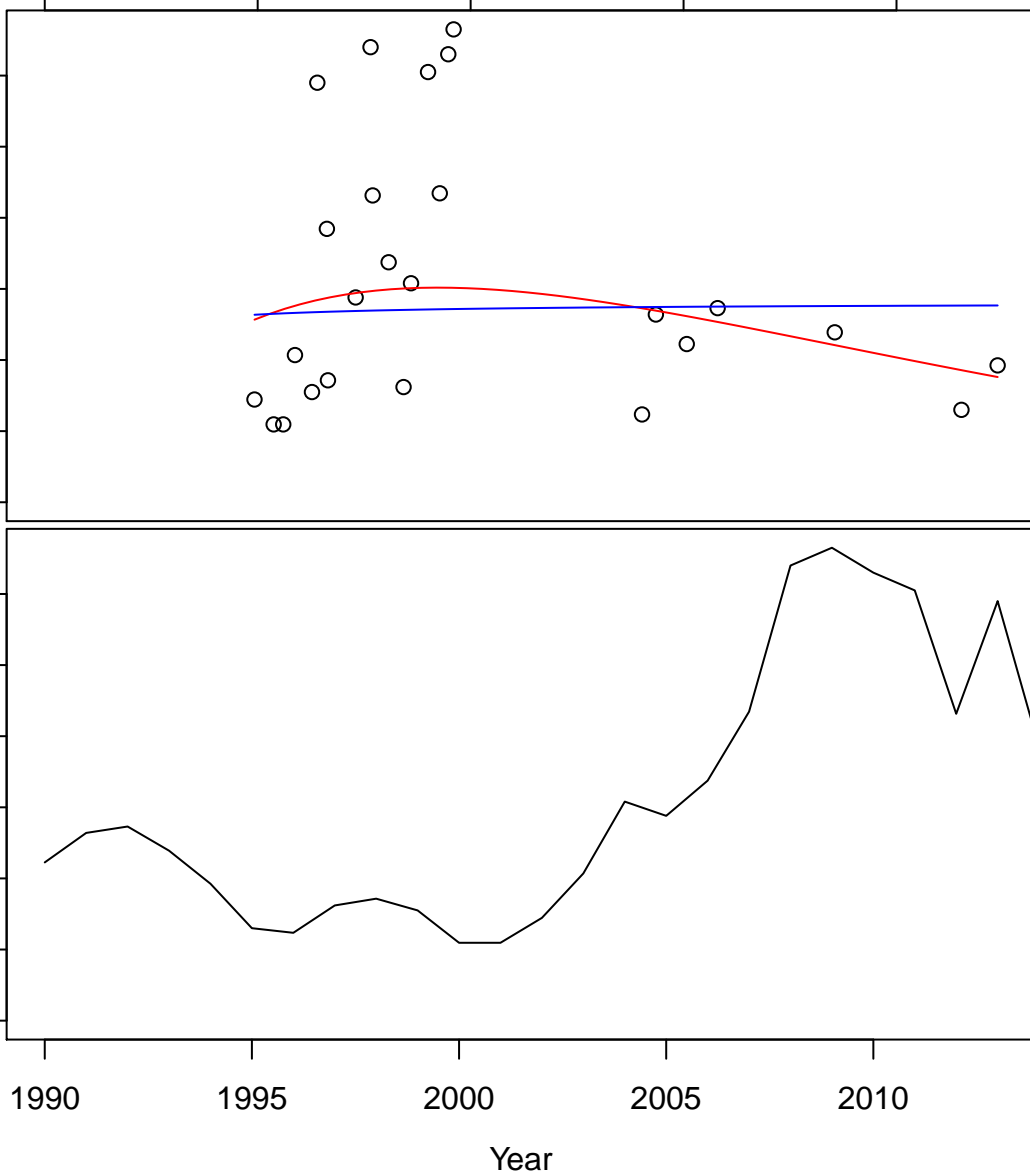
1995

2000

2005

2010

Year



ROCKLOBSTERSAUSNZ

Spawning biomass

0e+00 1e+11 2e+11 3e+11 4e+11 5e+11 6e+11

Recruitment

1500000
1000000
500000
0

1500000
1000000
500000
0

1970

1975

1980

1985

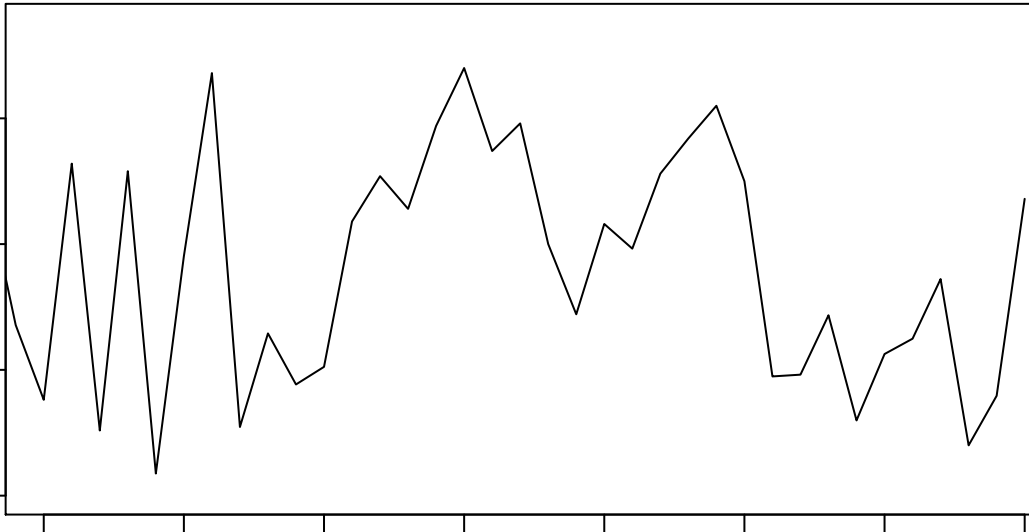
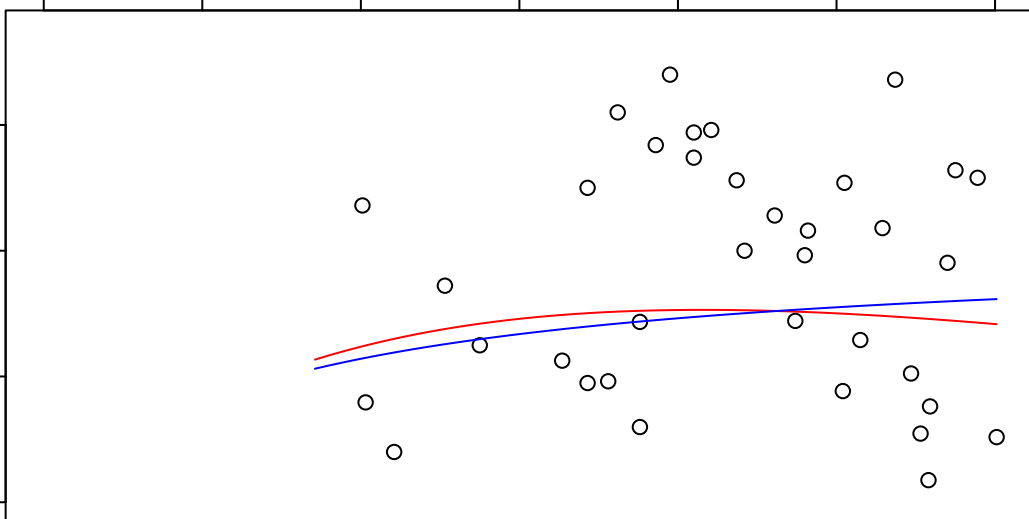
1990

1995

2000

2005

Year



RROCKLOBSTERSAUSSZ

Spawning biomass

0e+00 1e+11 2e+11 3e+11 4e+11 5e+11 6e+11

4e+06

3e+06

2e+06

1e+06

0e+00

Recruitment

4e+06

3e+06

2e+06

1e+06

0e+00

1970

1975

1980

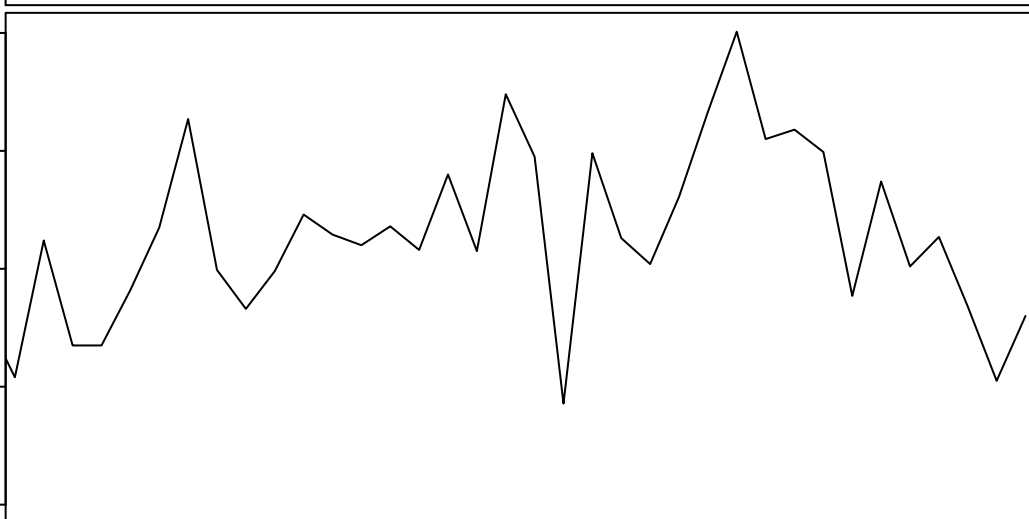
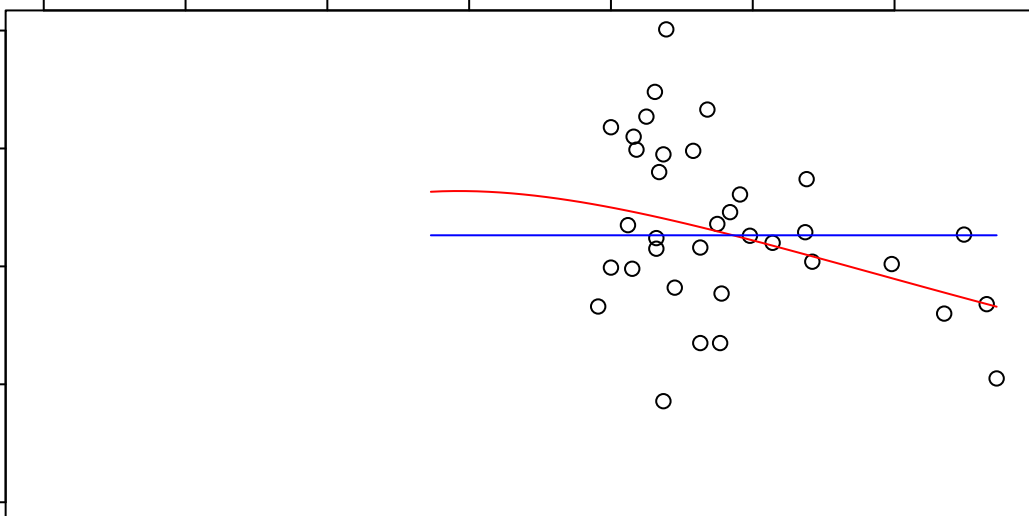
1985

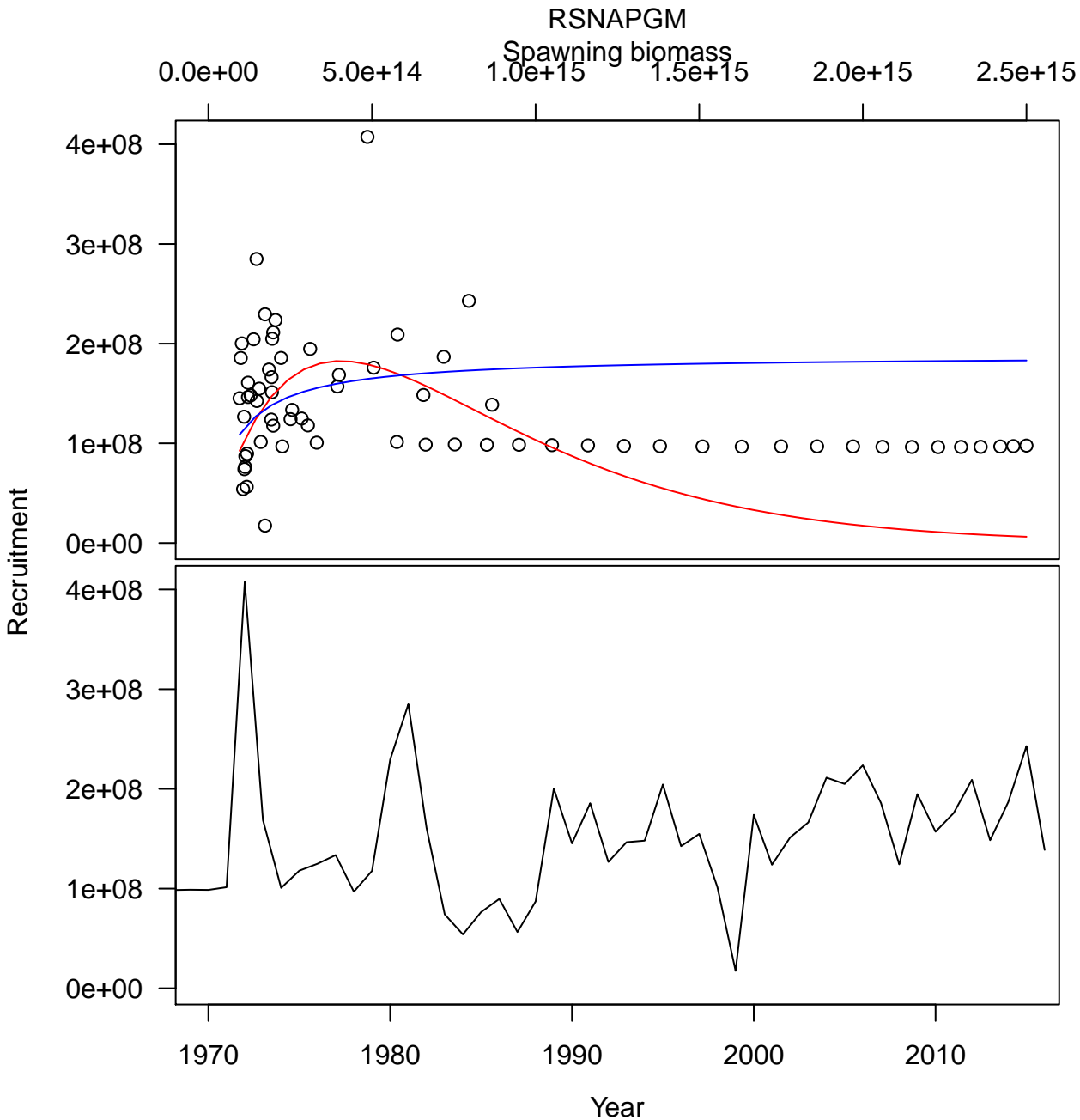
1990

1995

2000

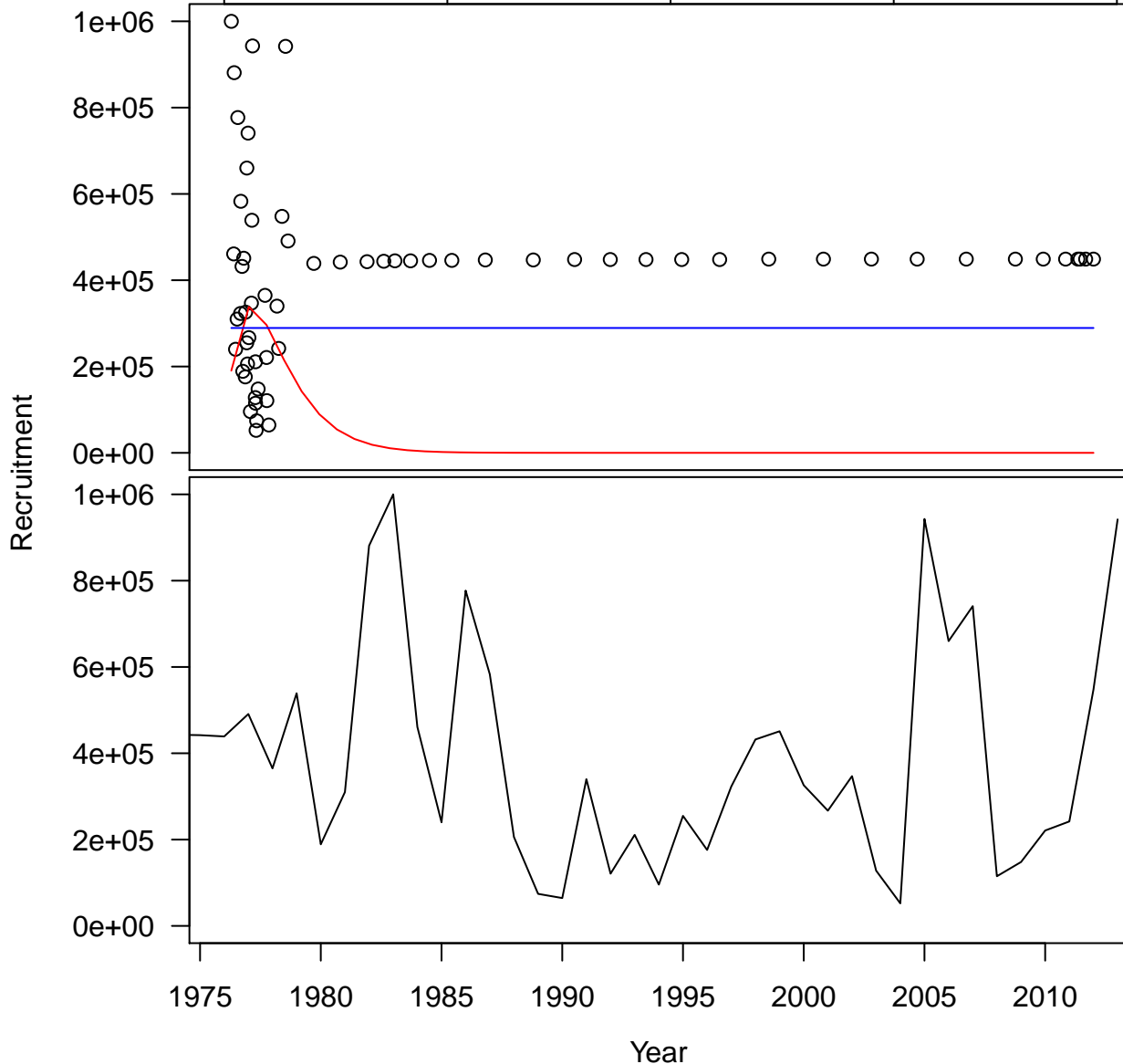
Year

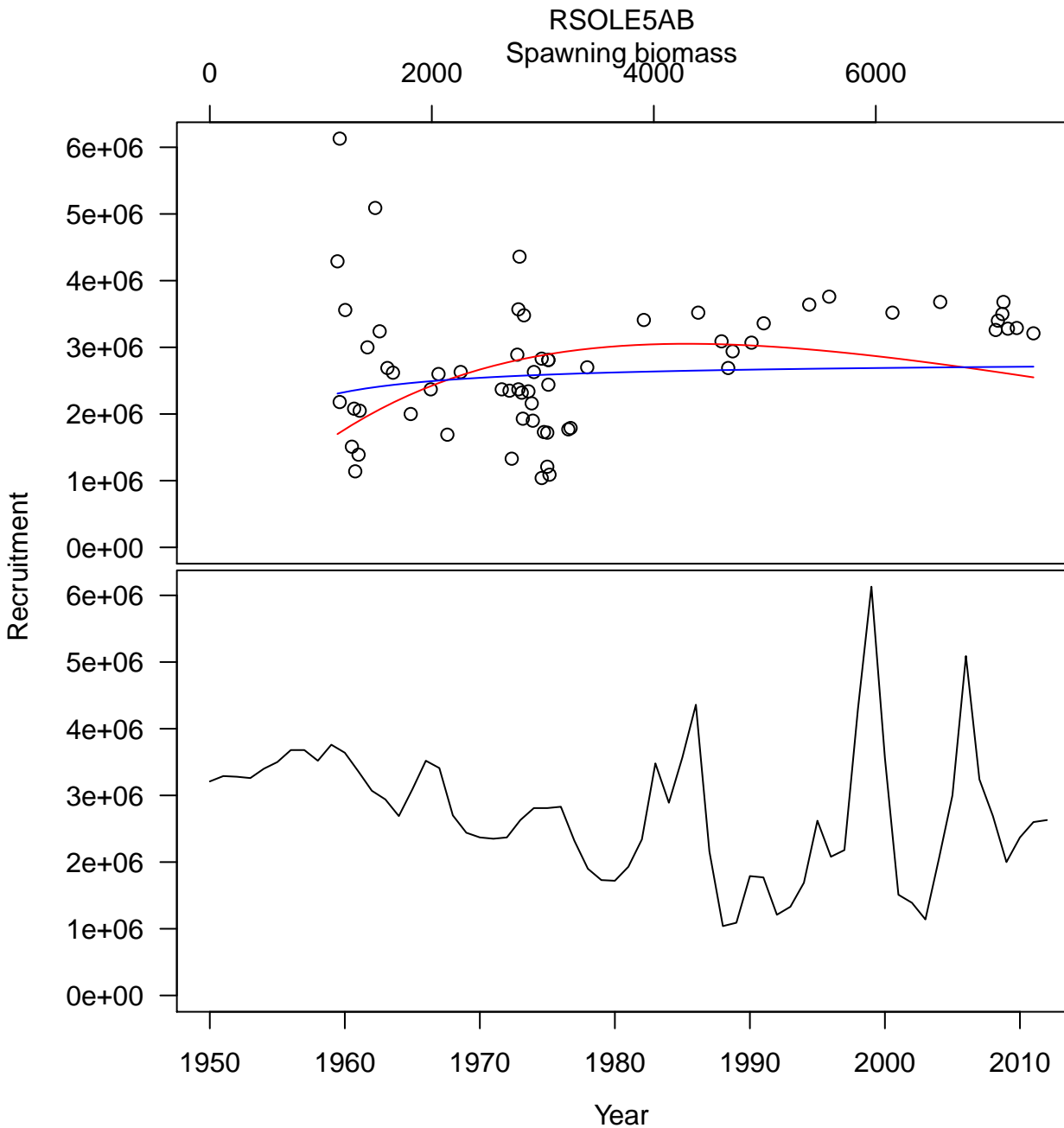




RSNAPSATLC
Spawning biomass

0e+00 2e+13 4e+13 6e+13 8e+13





RSOLEGA

Spawning biomass

0e+00 2e+04 4e+04 6e+04 8e+04 1e+05

4e+08

3e+08

2e+08

1e+08

0e+00

Recruitment

4e+08

3e+08

2e+08

1e+08

0e+00

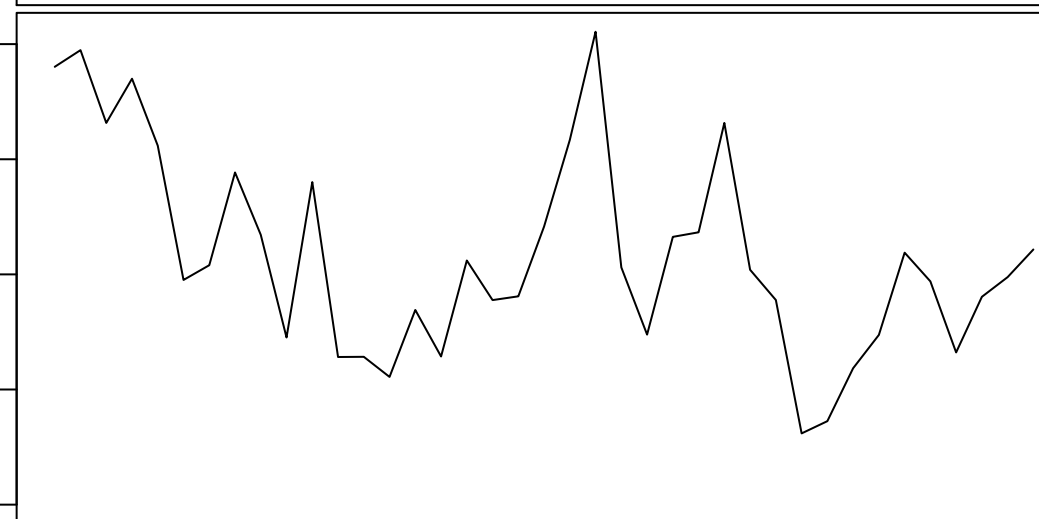
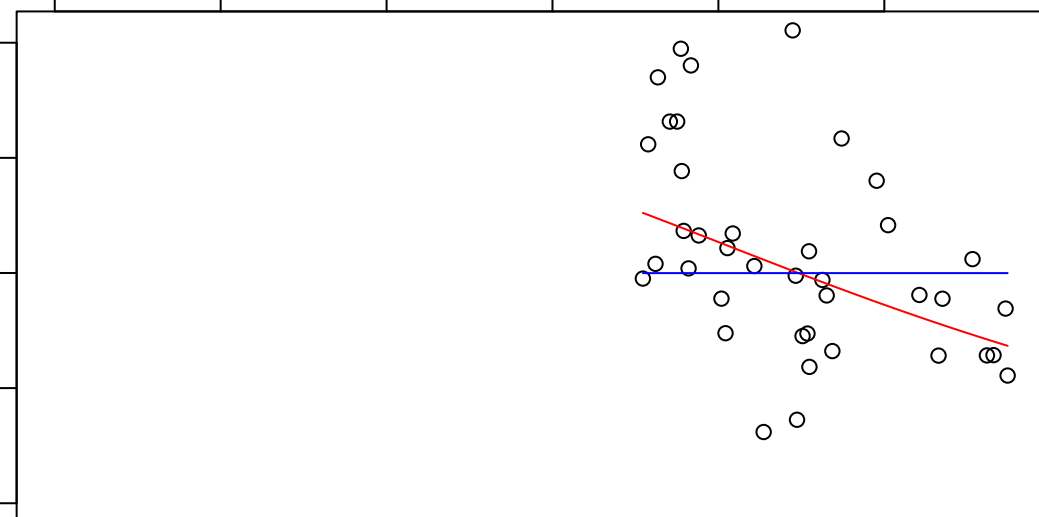
1980

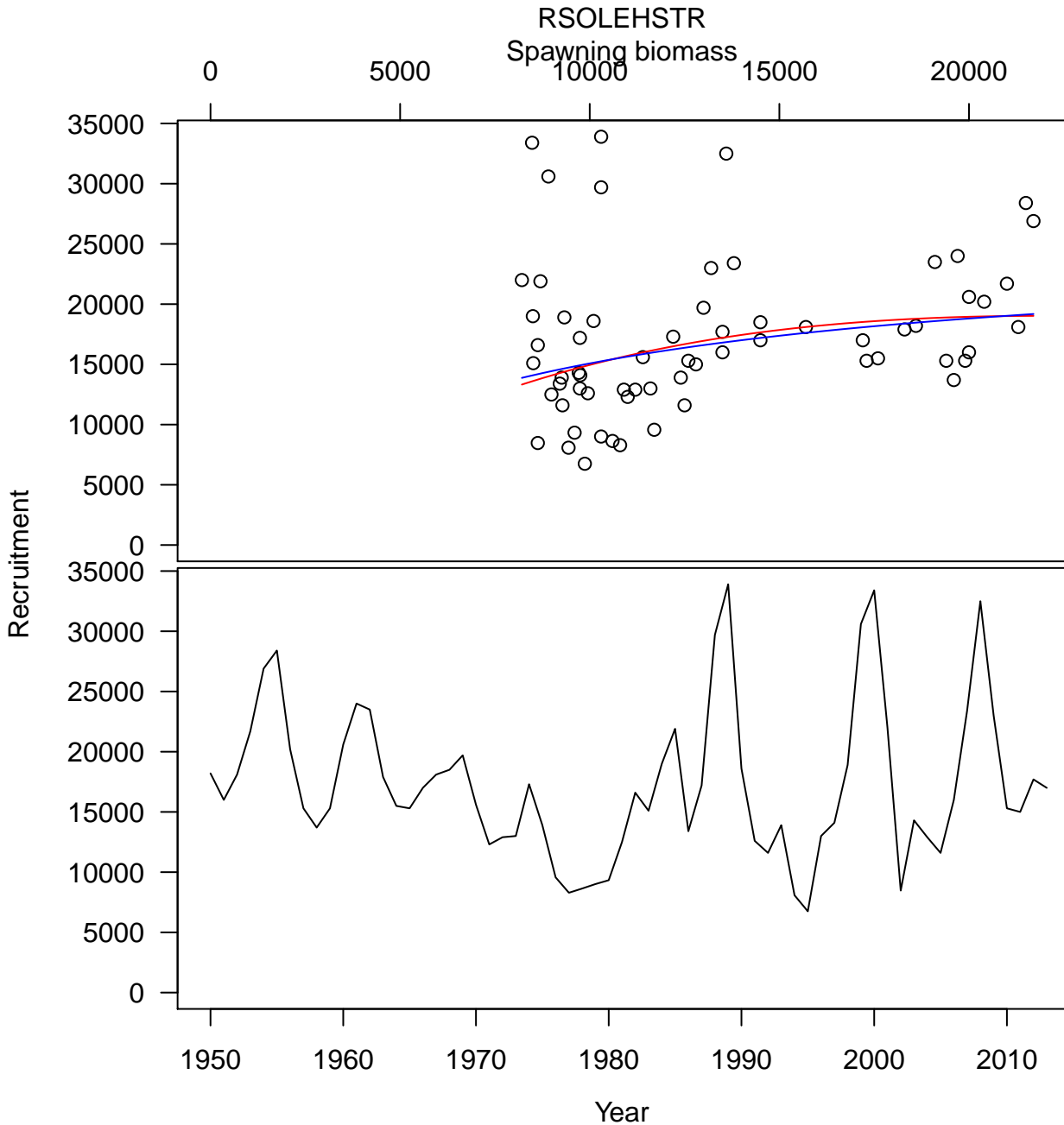
1990

2000

2010

Year





RSQLOBSTERCSCH

Spawning biomass

0e+00

2e+04

4e+04

6e+04

8e+04

1e+05

6e+09

5e+09

4e+09

3e+09

2e+09

1e+09

0e+00

Recruitment

6e+09

5e+09

4e+09

3e+09

2e+09

1e+09

0e+00

1970

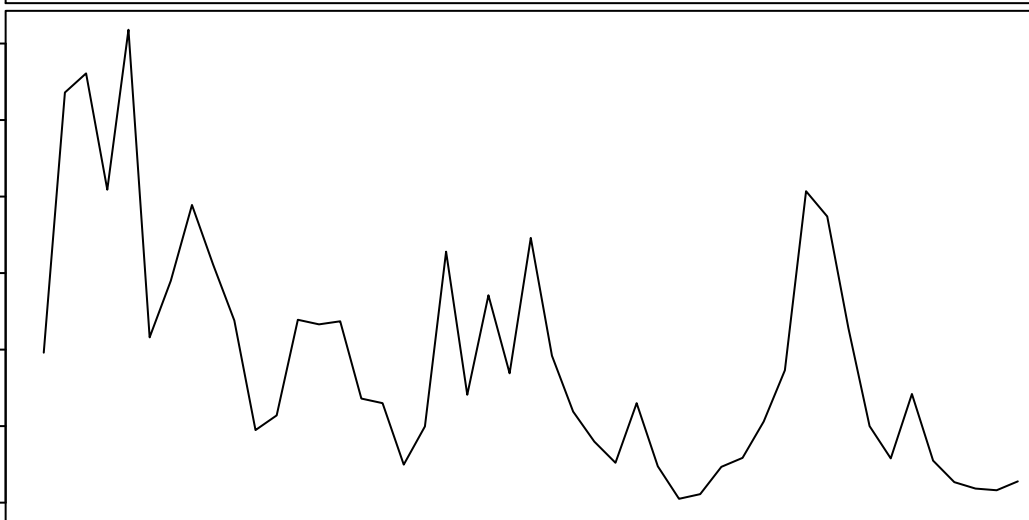
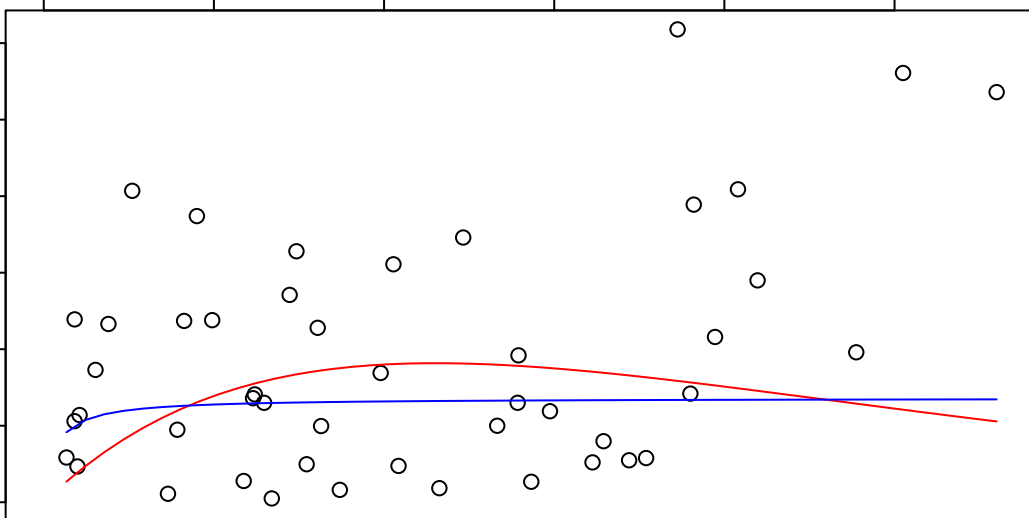
1980

1990

2000

2010

Year



RSROCKBCWN
Spawning biomass

0

2000

4000

6000

Recruitment

2.5×10^7

2.0×10^7

1.5×10^7

1.0×10^7

5.0×10^6

0.0×10^0

2.5×10^7

2.0×10^7

1.5×10^7

1.0×10^7

5.0×10^6

0.0×10^0

1950

1960

1970

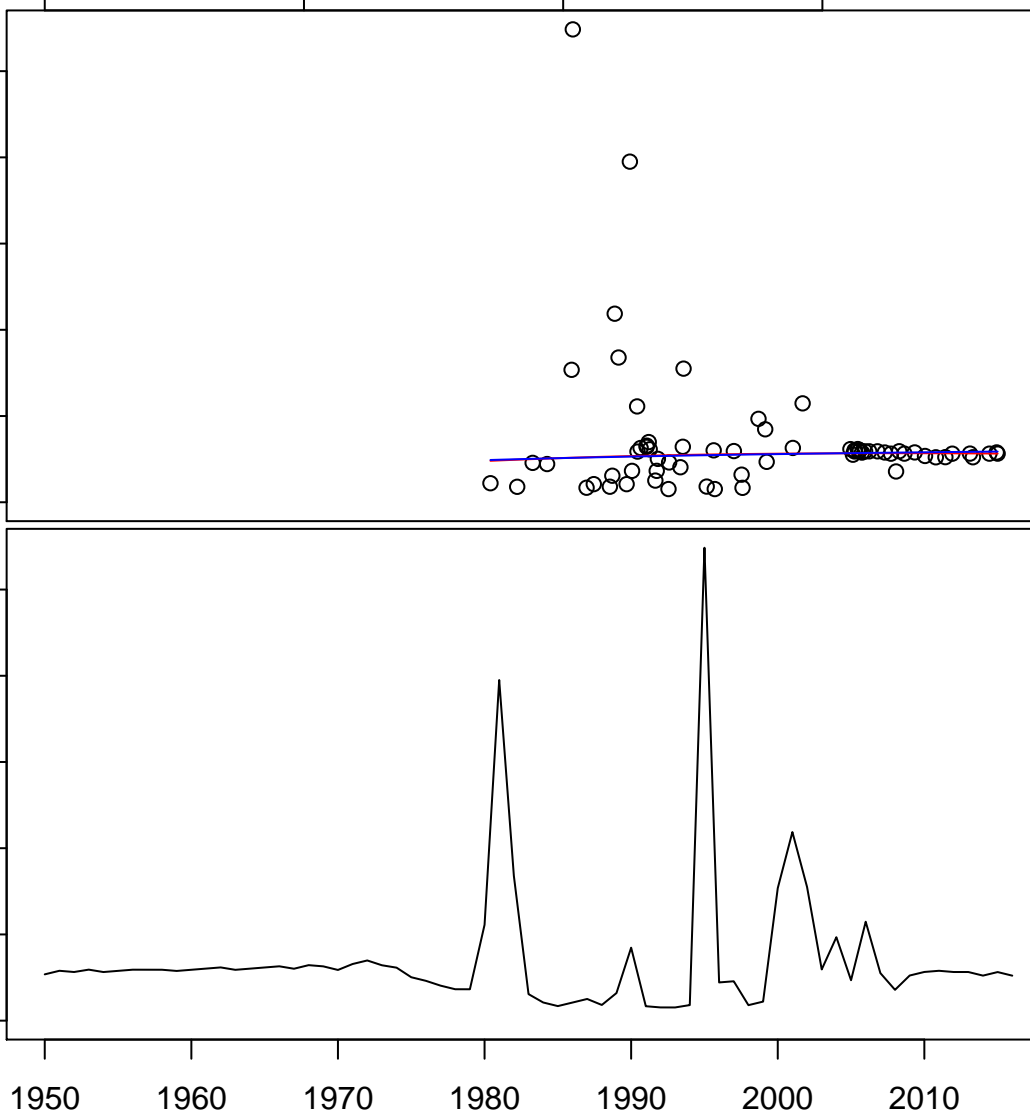
1980

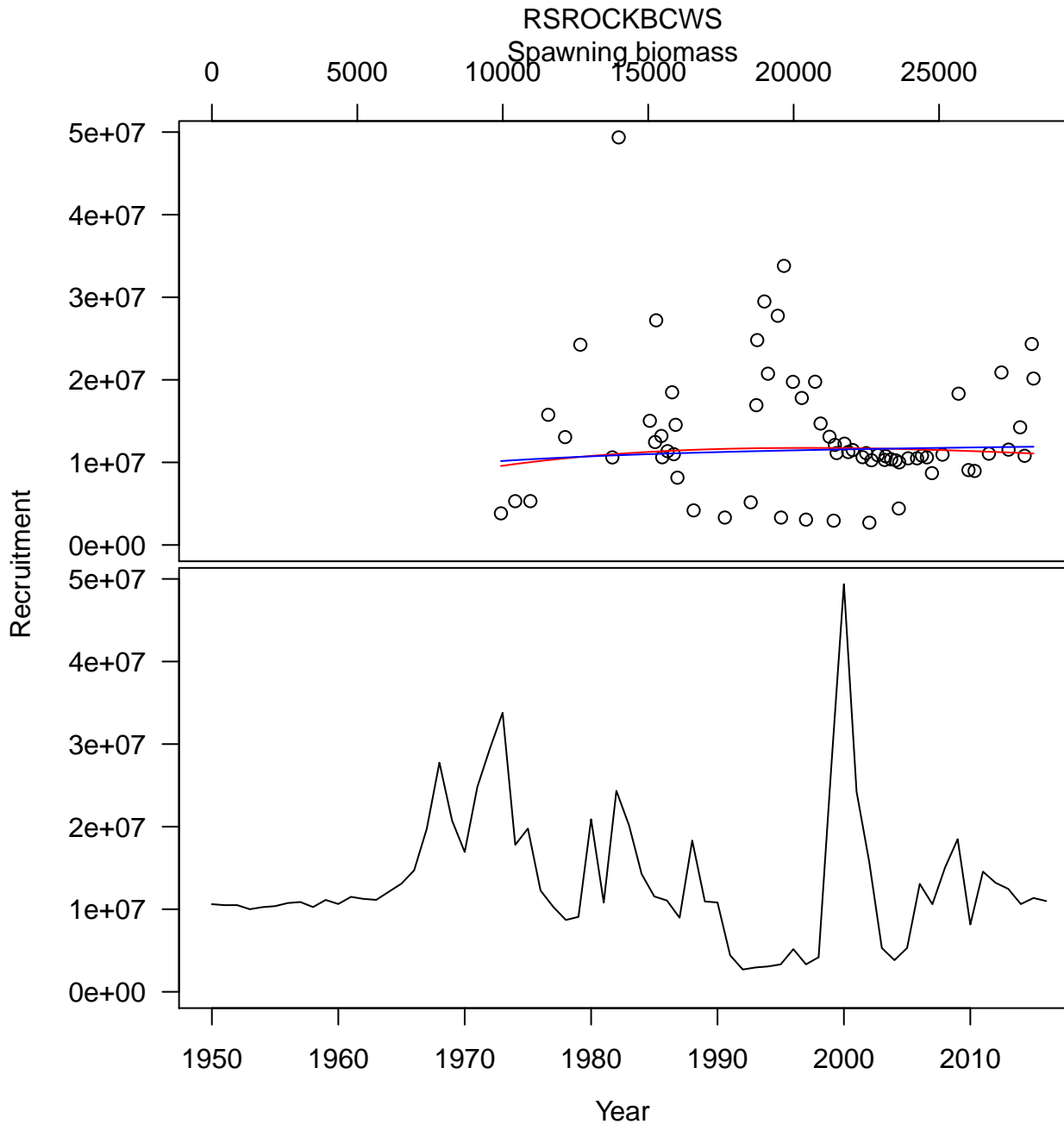
1990

2000

2010

Year





SABLEFEBSAIGA

Spawning biomass

0

50000

100000

150000

200000

250000

1.5e+08

1.0e+08

5.0e+07

0.0e+00

Recruitment

1.5e+08

1.0e+08

5.0e+07

0.0e+00

1960

1970

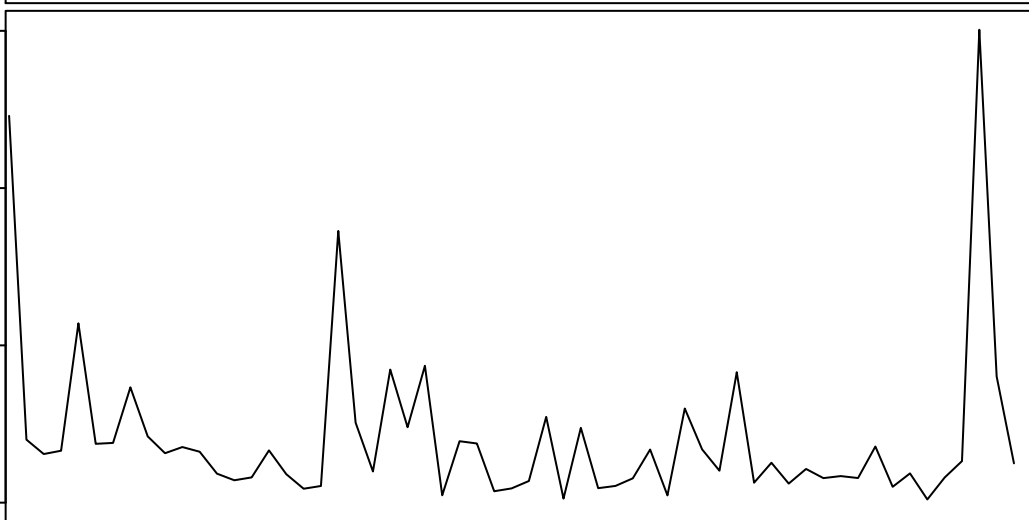
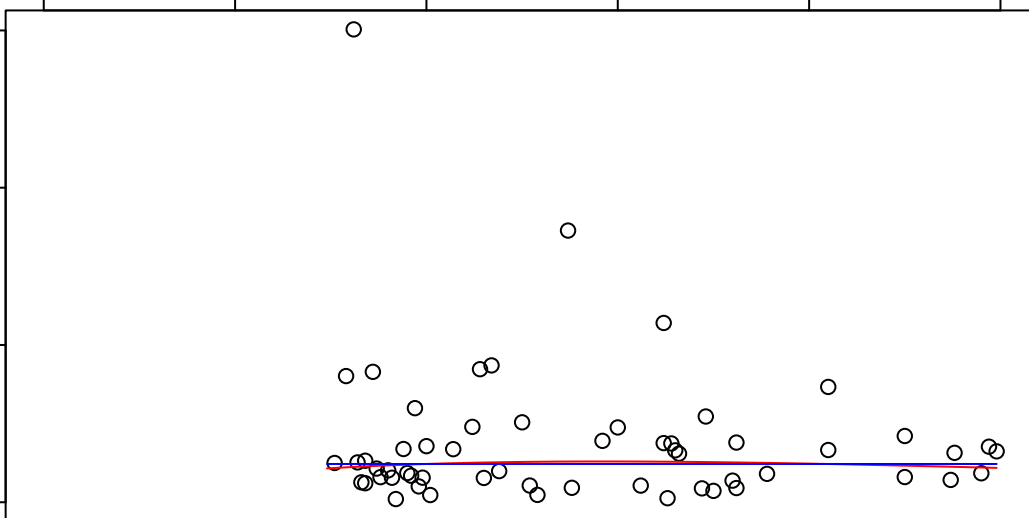
1980

1990

2000

2010

Year



SABLEFPCAN

Spawning biomass

0e+00

2e+04

4e+04

6e+04

8e+04

1e+05

4e+06

3e+06

2e+06

1e+06

0e+00

Recruitment

4e+06

3e+06

2e+06

1e+06

0e+00

1970

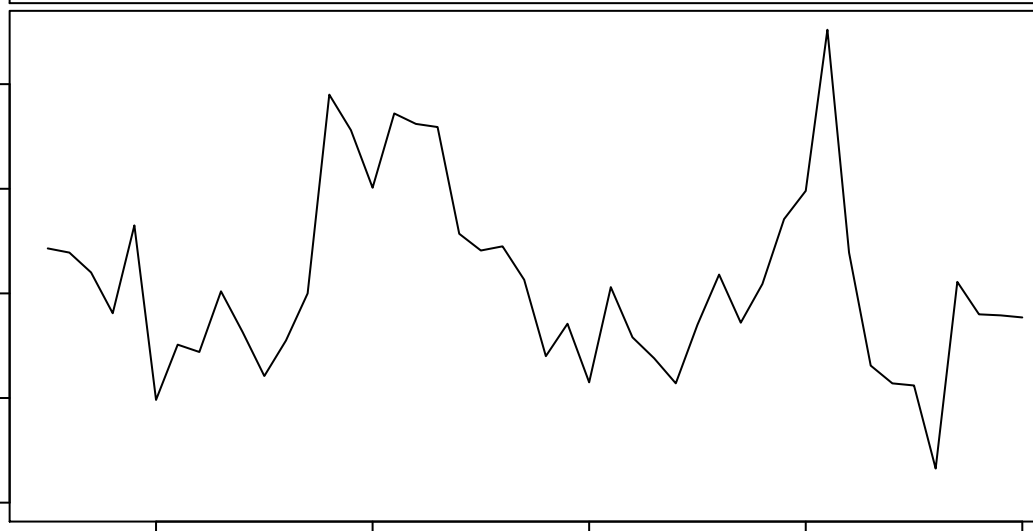
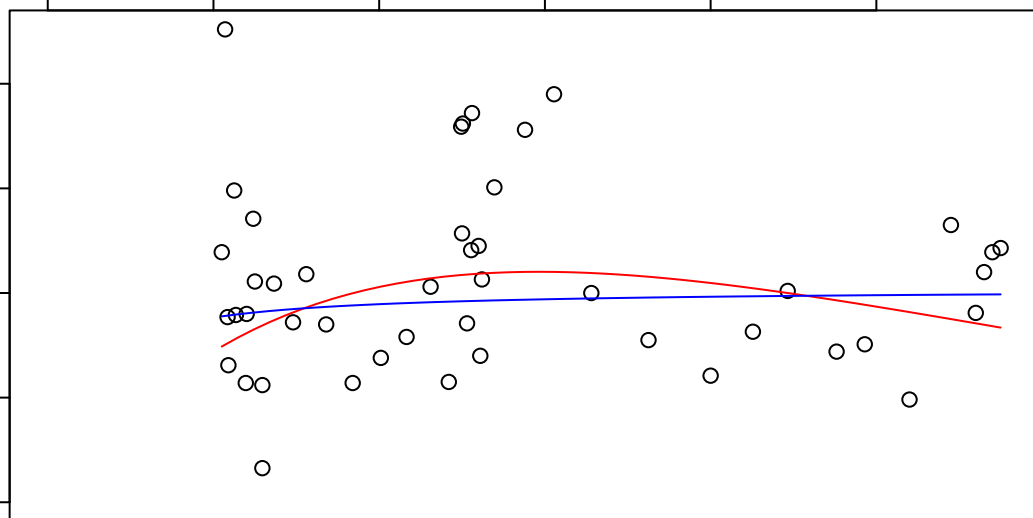
1980

1990

2000

2010

Year



SABLEFPCOAST
Spawning biomass

0 20000 40000 60000 80000 100000 120000 140000

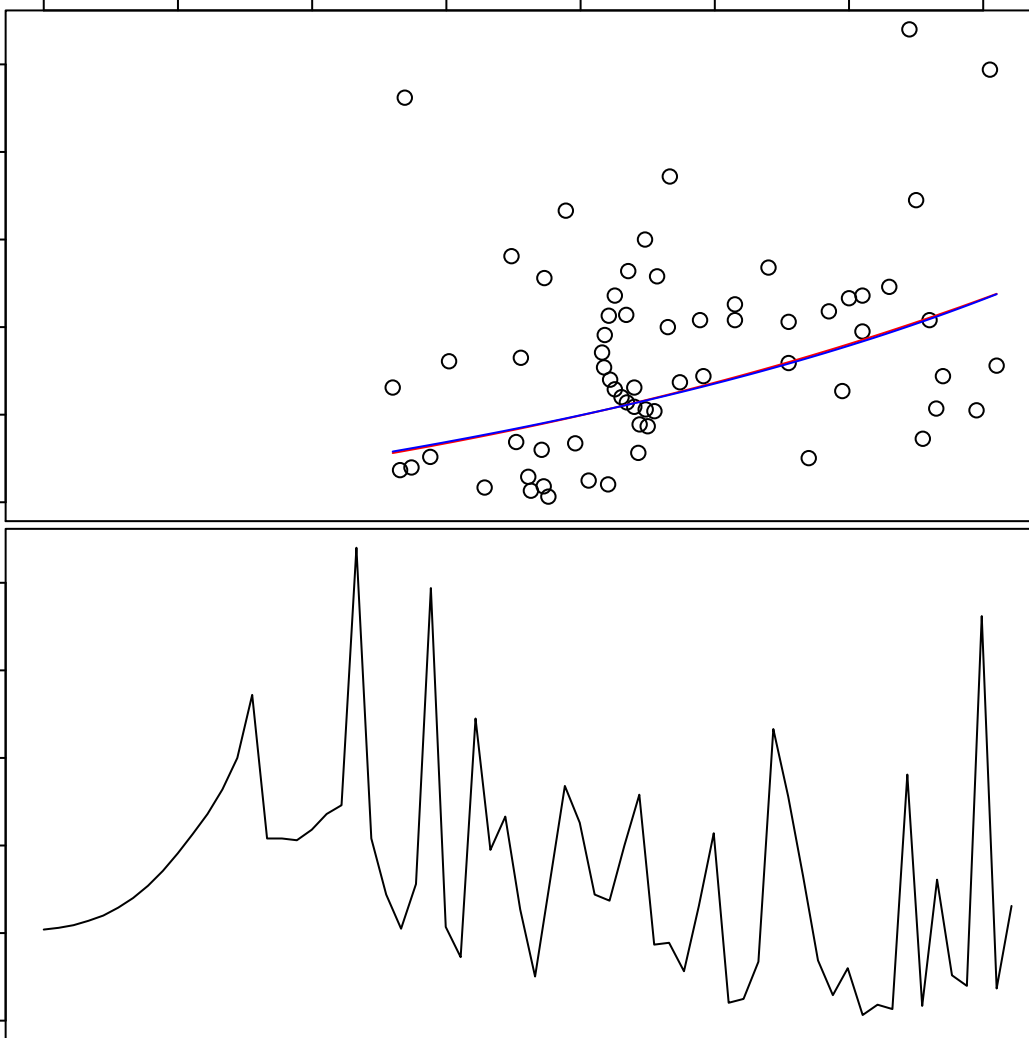
Recruitment

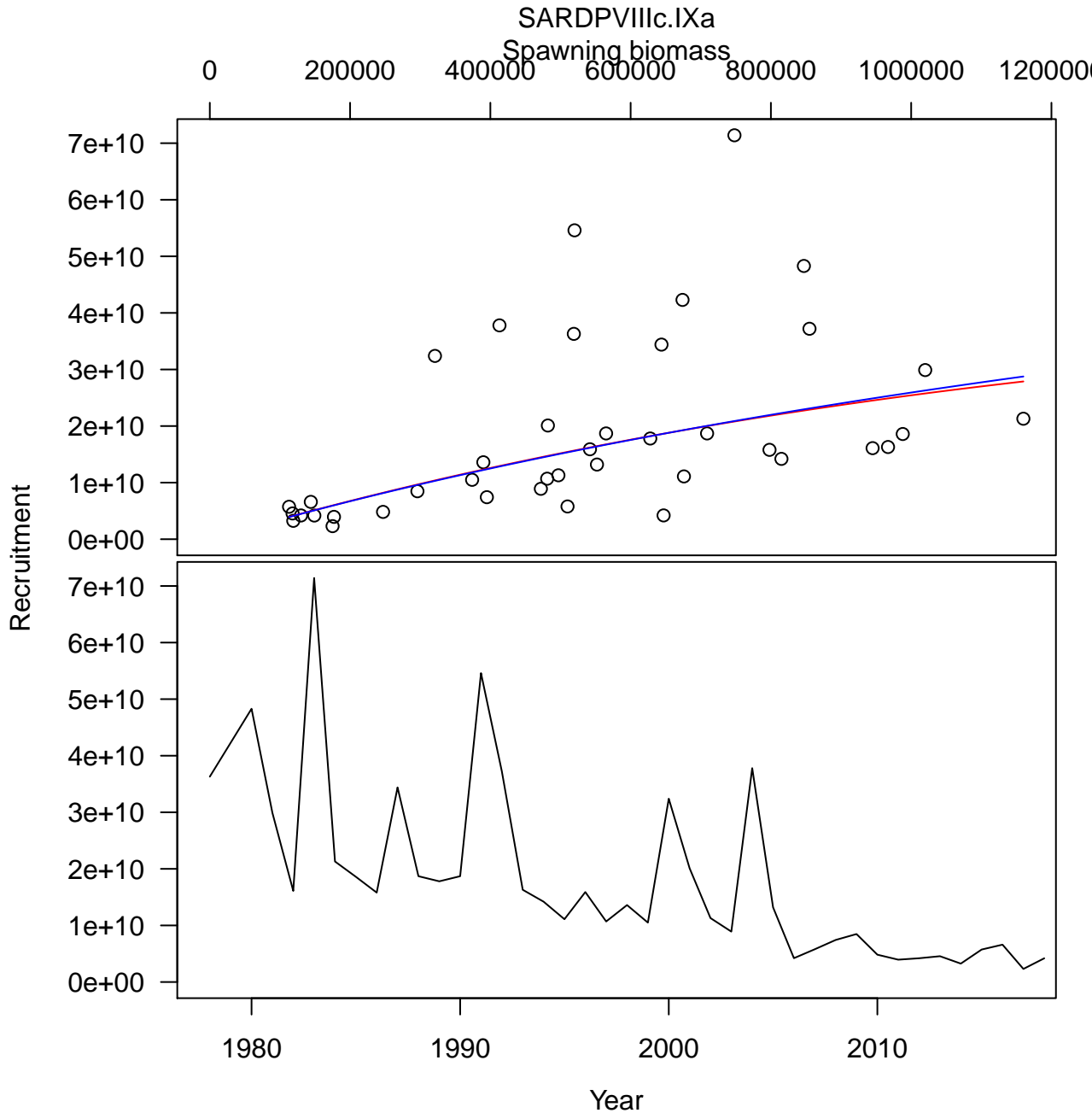
5e+07
4e+07
3e+07
2e+07
1e+07
0e+00

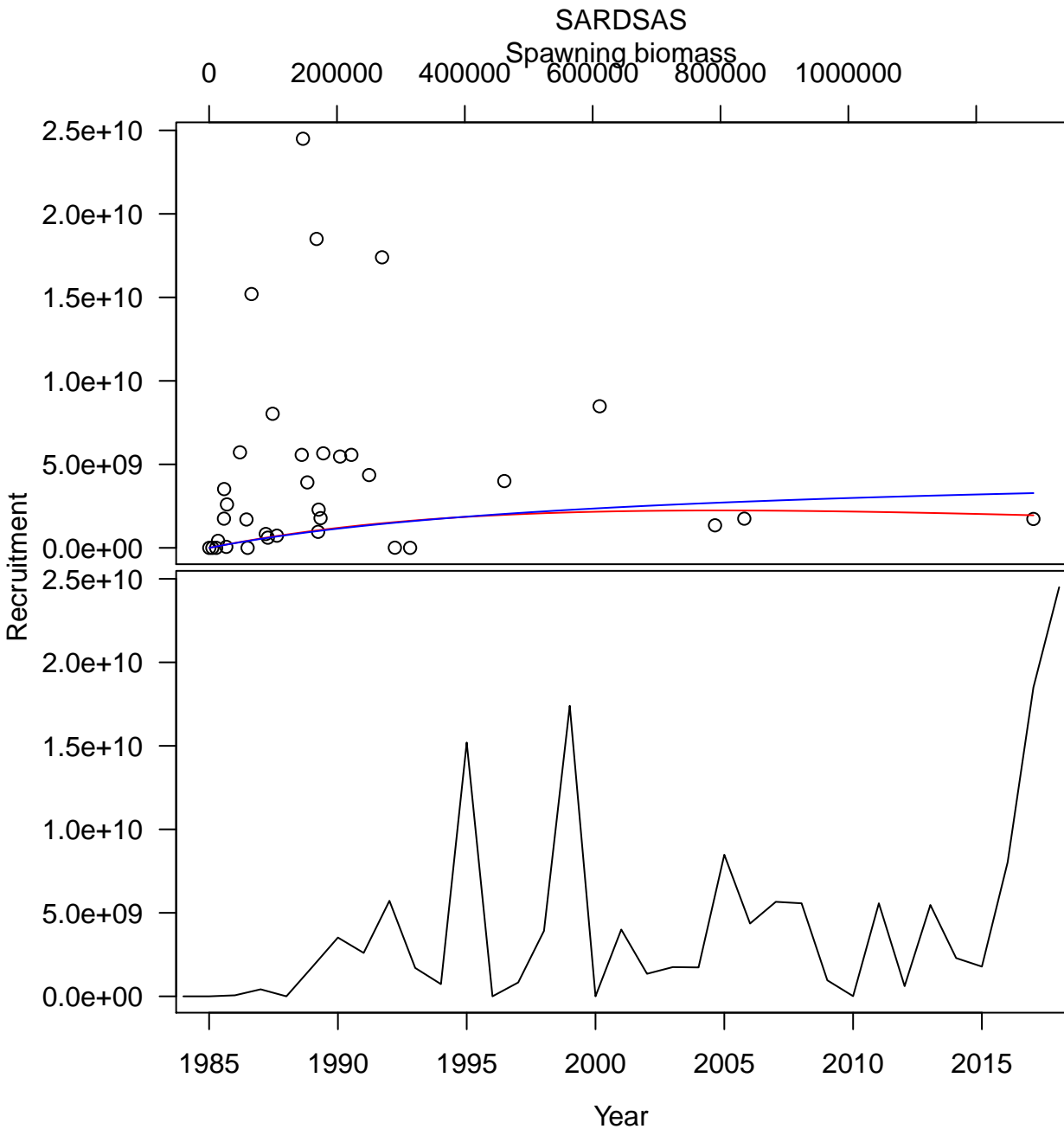
5e+07
4e+07
3e+07
2e+07
1e+07
0e+00

1950 1960 1970 1980 1990 2000 2010

Year







SARSAW

Spawning biomass

0e+00 2e+04 4e+04 6e+04 8e+04 1e+05

1.5e+11

1.0e+11

5.0e+10

0.0e+00

Recruitment

1.5e+11

1.0e+11

5.0e+10

0.0e+00

1985

1990

1995

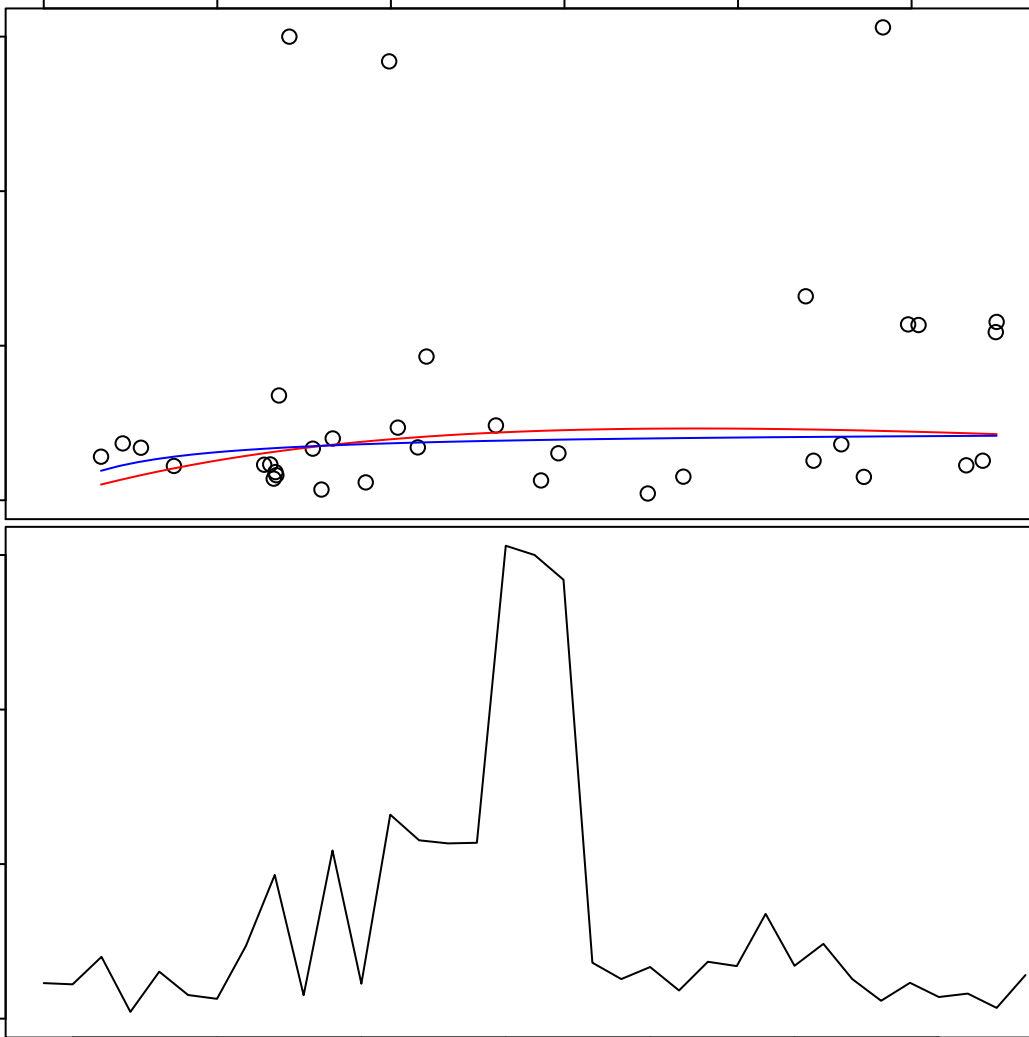
2000

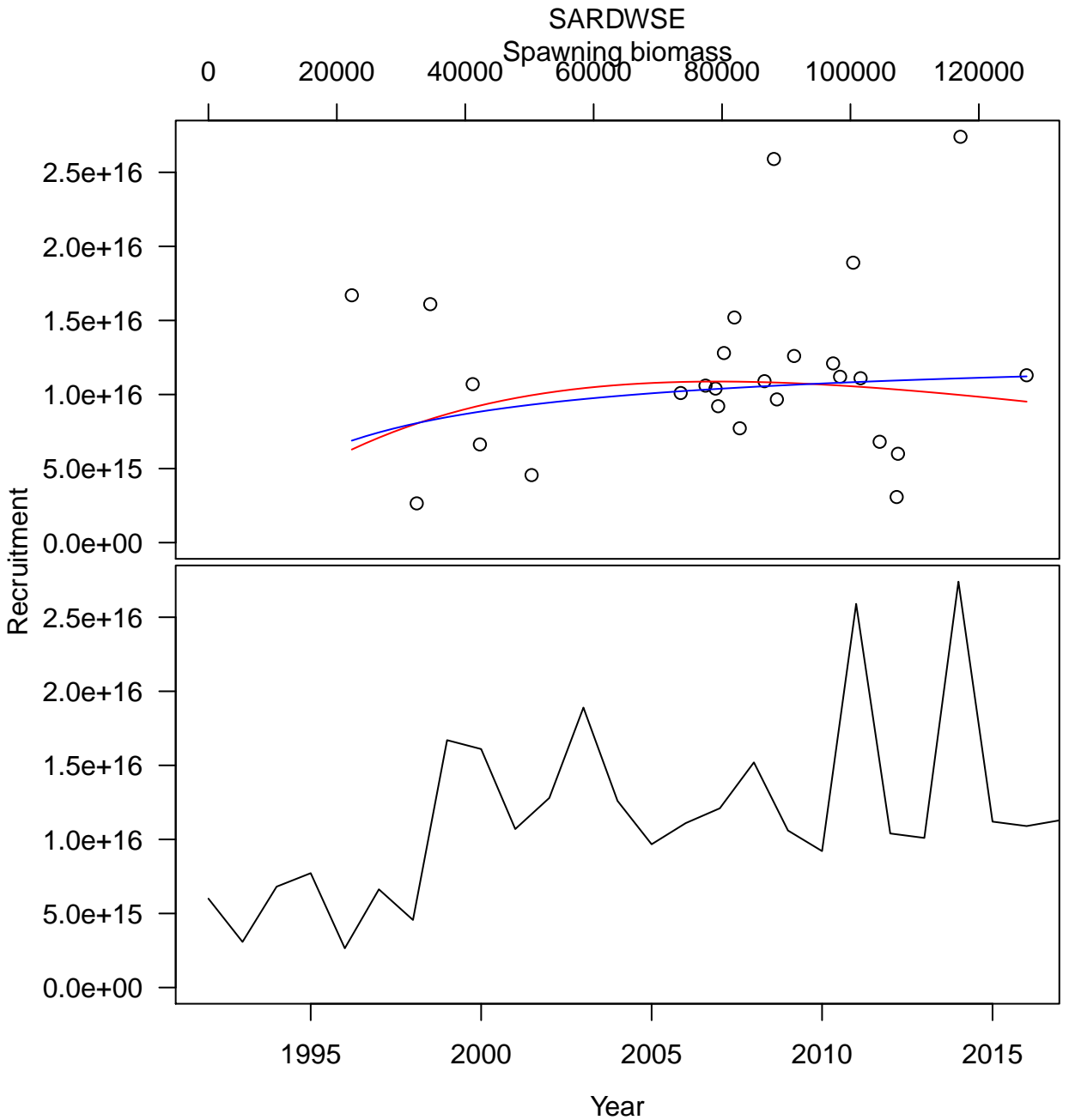
2005

2010

2015

Year





SBELLYROCKPCOAST

Spawning biomass

0

50000

100000

150000

200000

2500000

2000000

1500000

1000000

500000

0

Recruitment

2500000

2000000

1500000

1000000

500000

0

1960

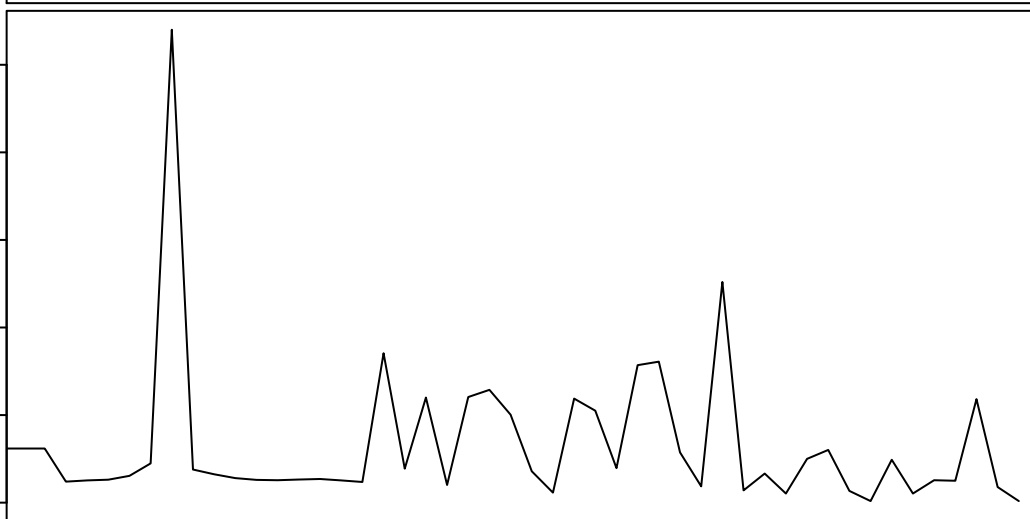
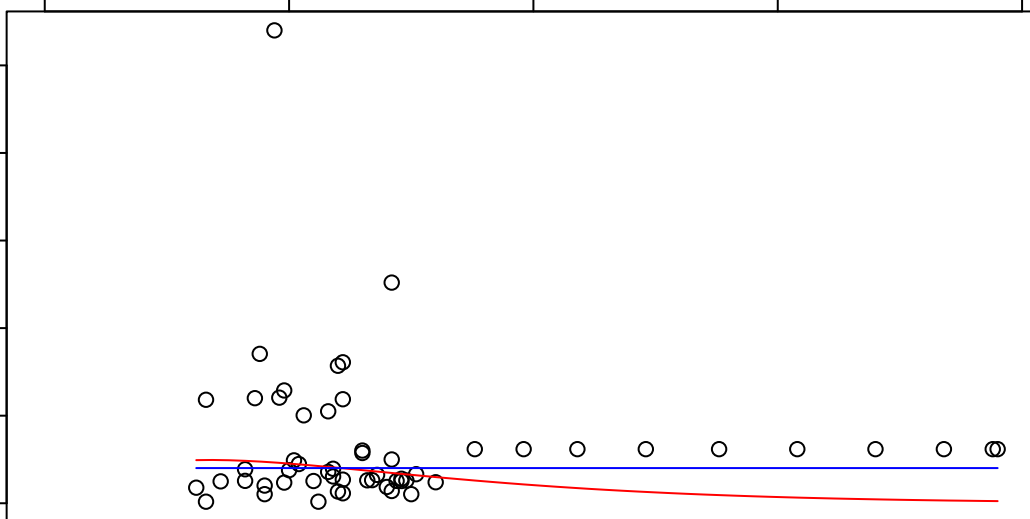
1970

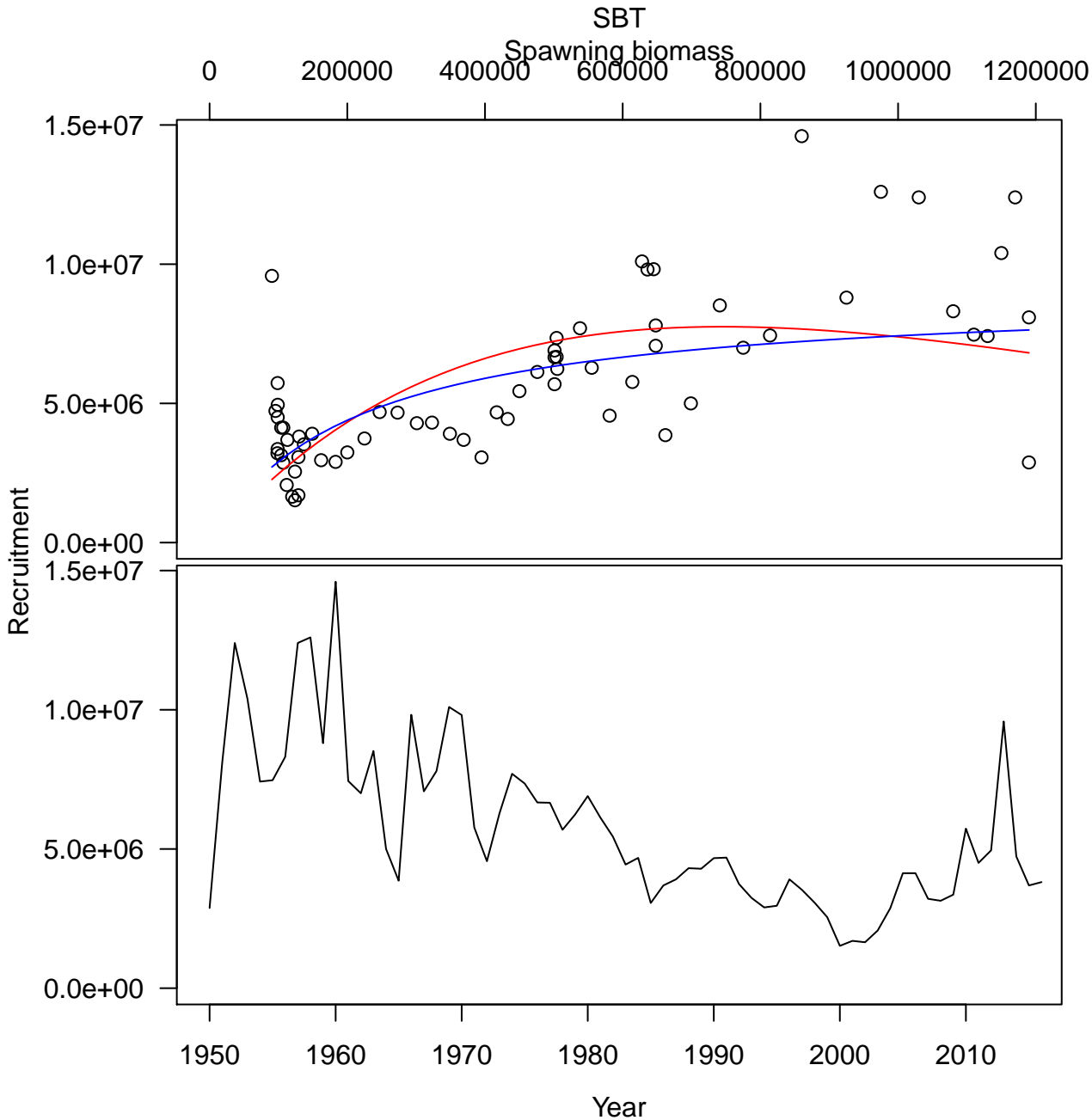
1980

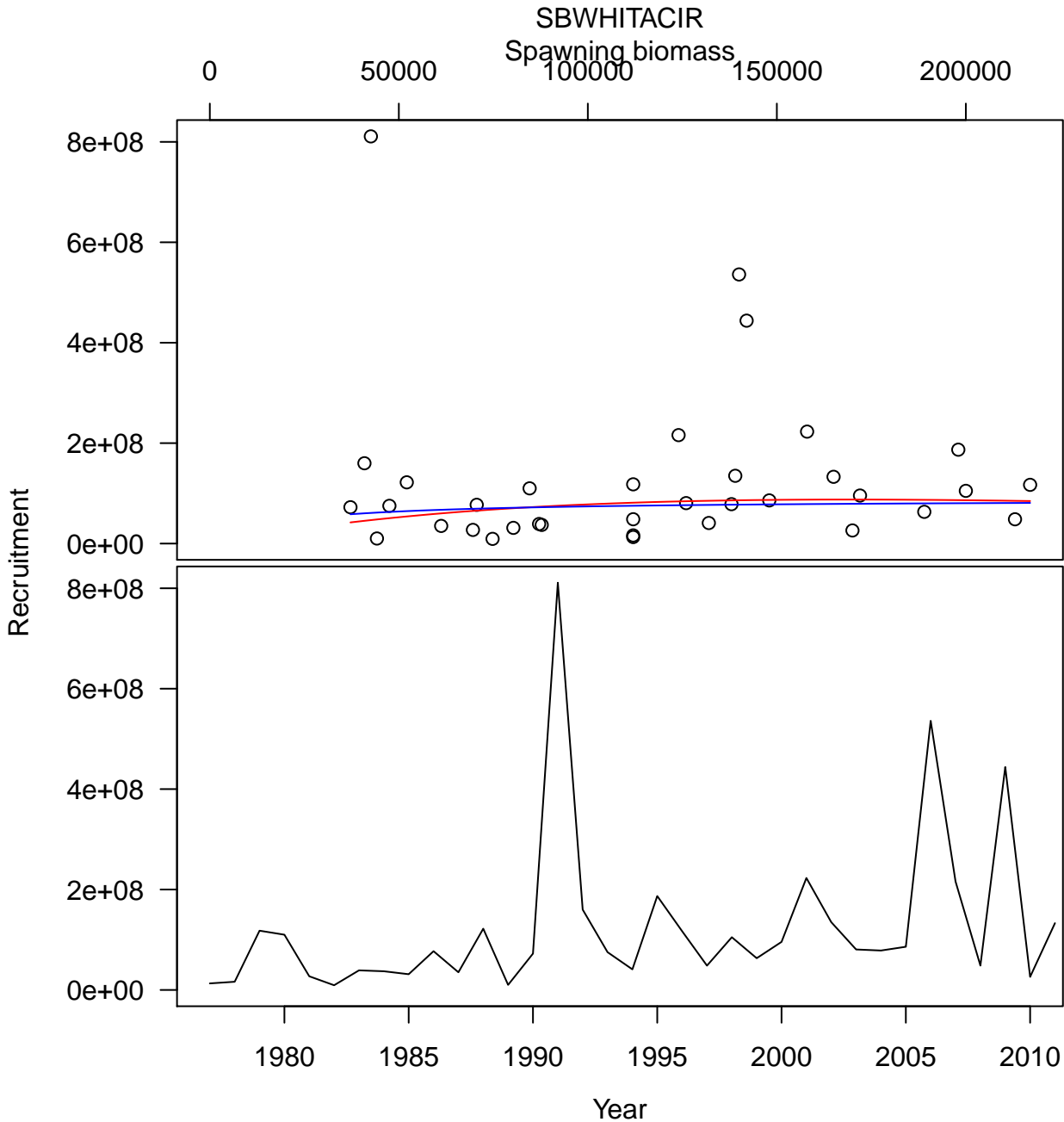
1990

2000

Year







SBWHITARGS

Spawning biomass

0e+00 2e+05 4e+05 6e+05 8e+05 1e+06

Recruitment

8e+08

6e+08

4e+08

2e+08

0e+00

8e+08

6e+08

4e+08

2e+08

0e+00

1990

1995

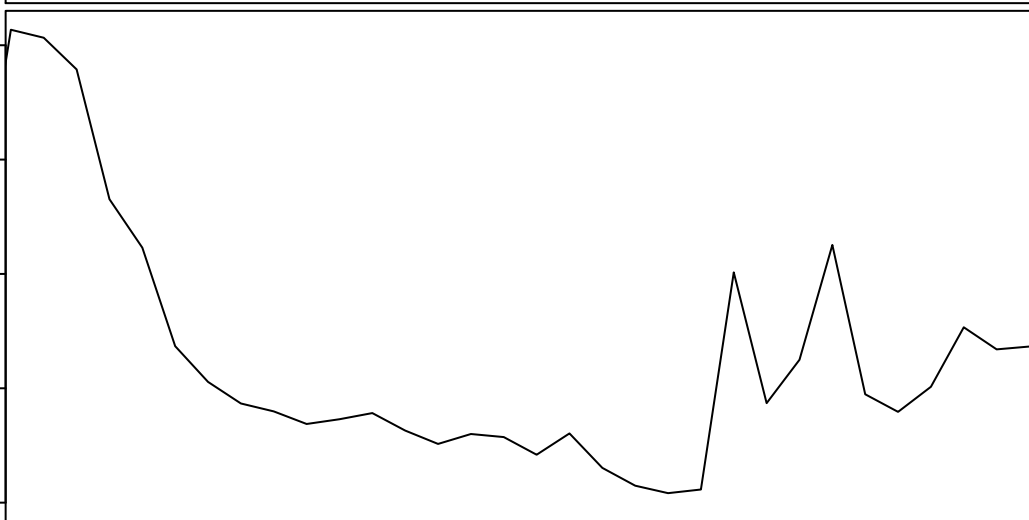
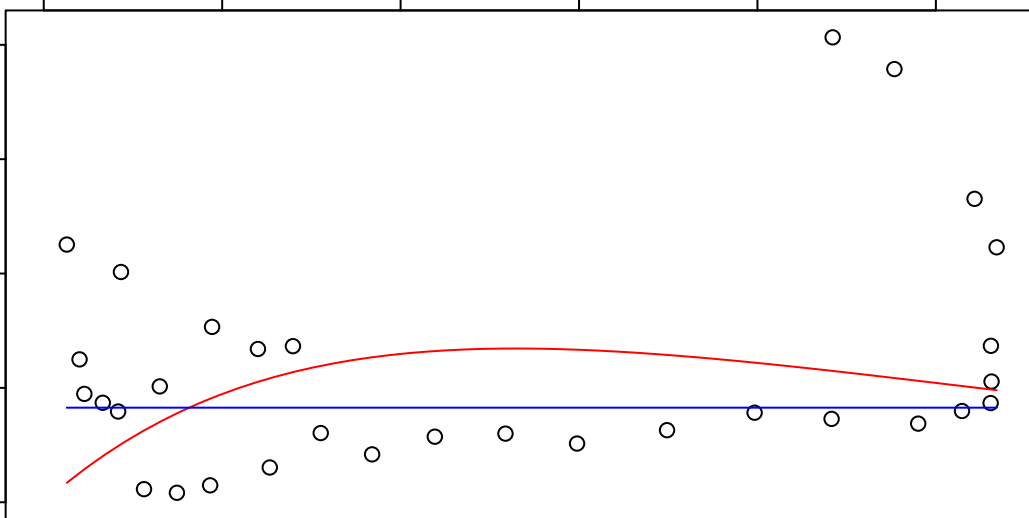
2000

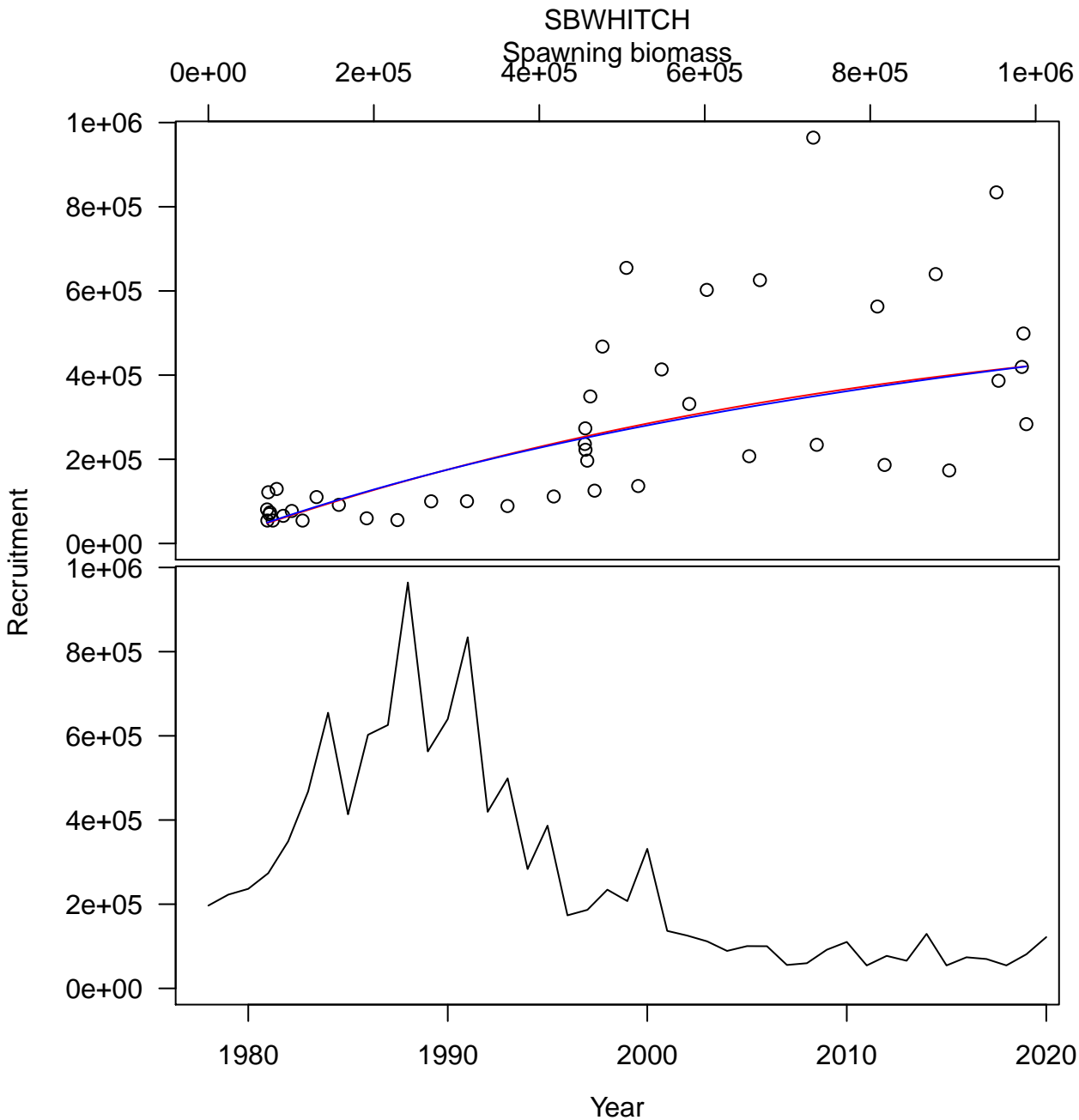
2005

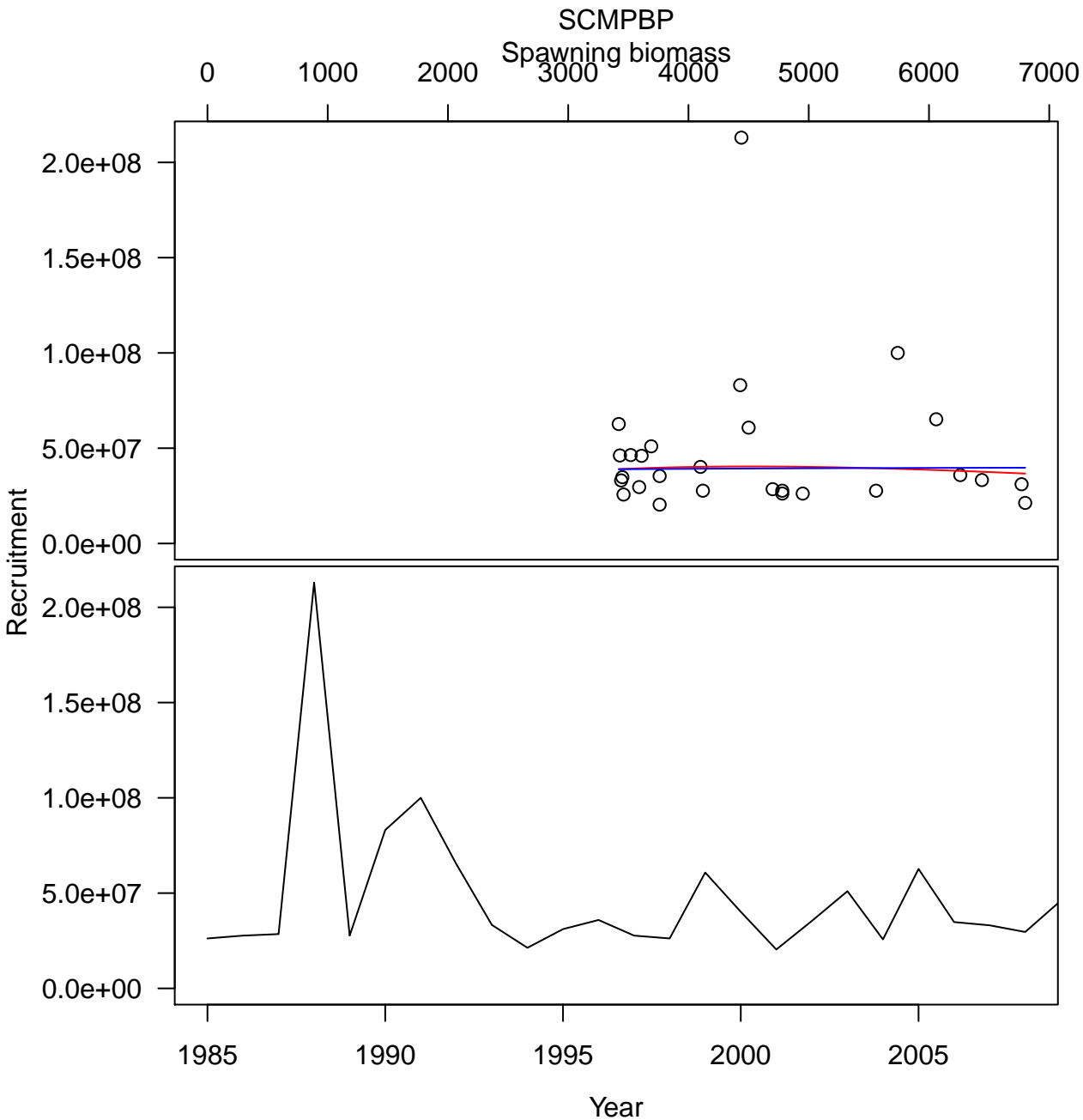
2010

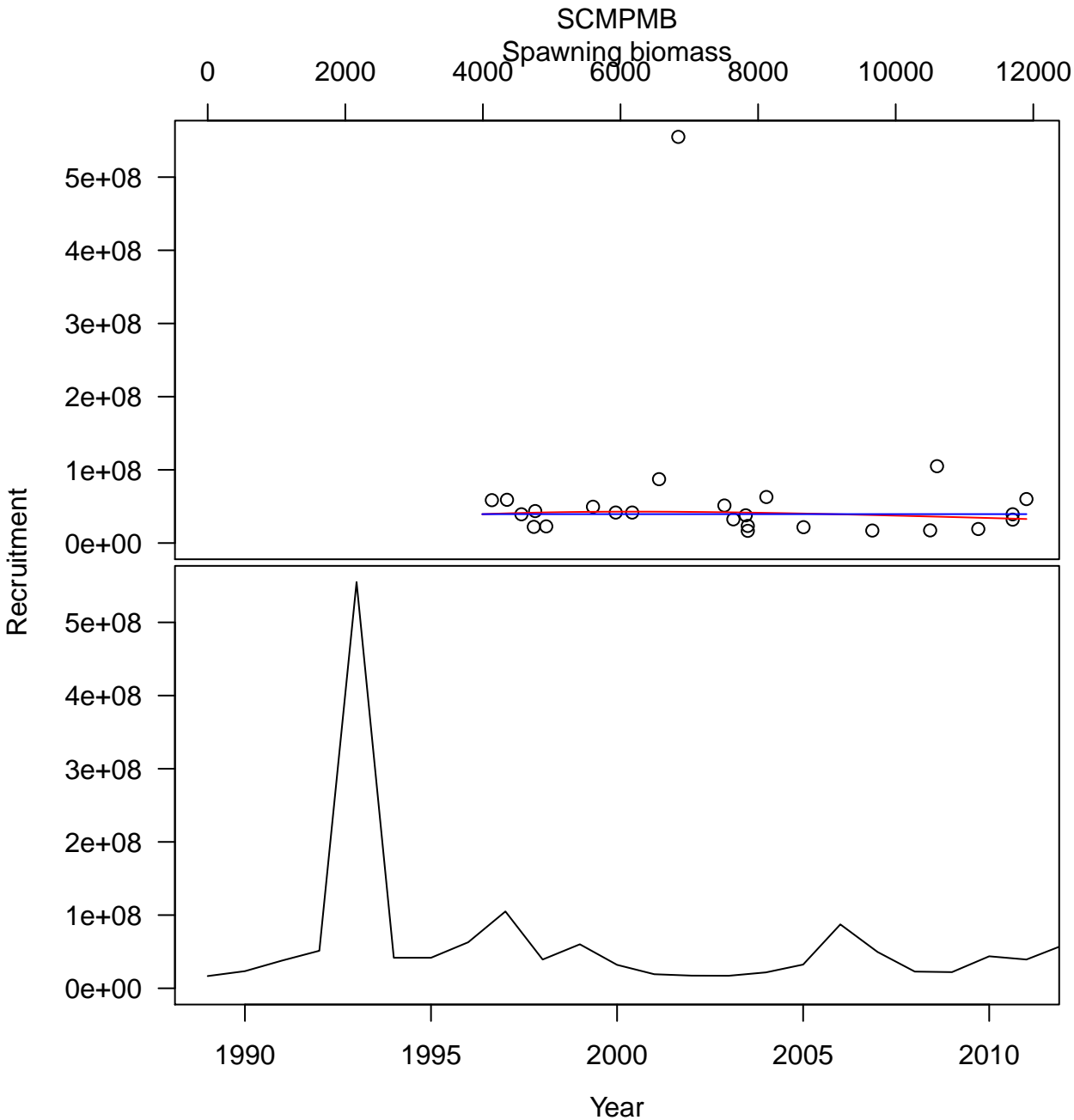
2015

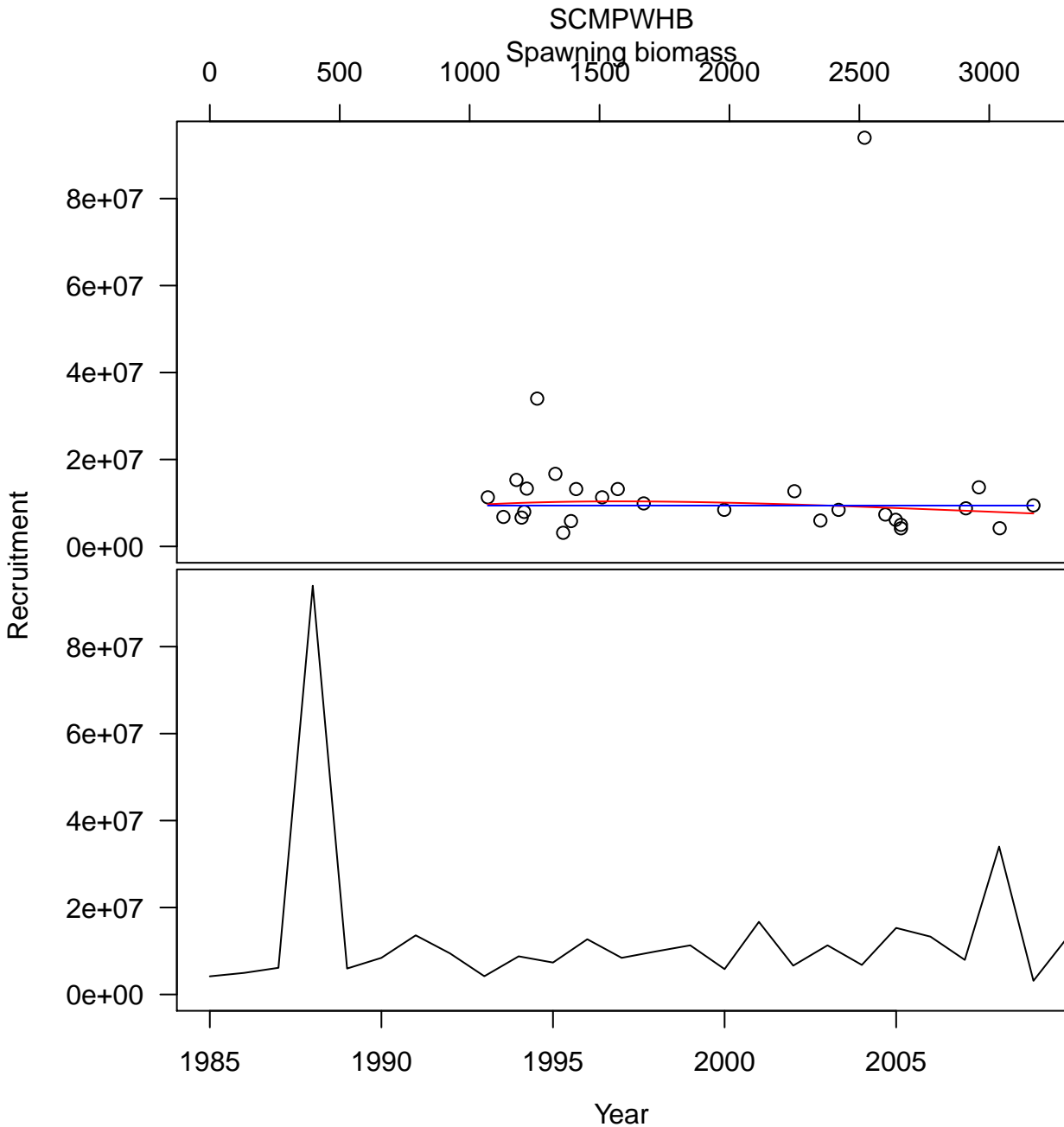
Year

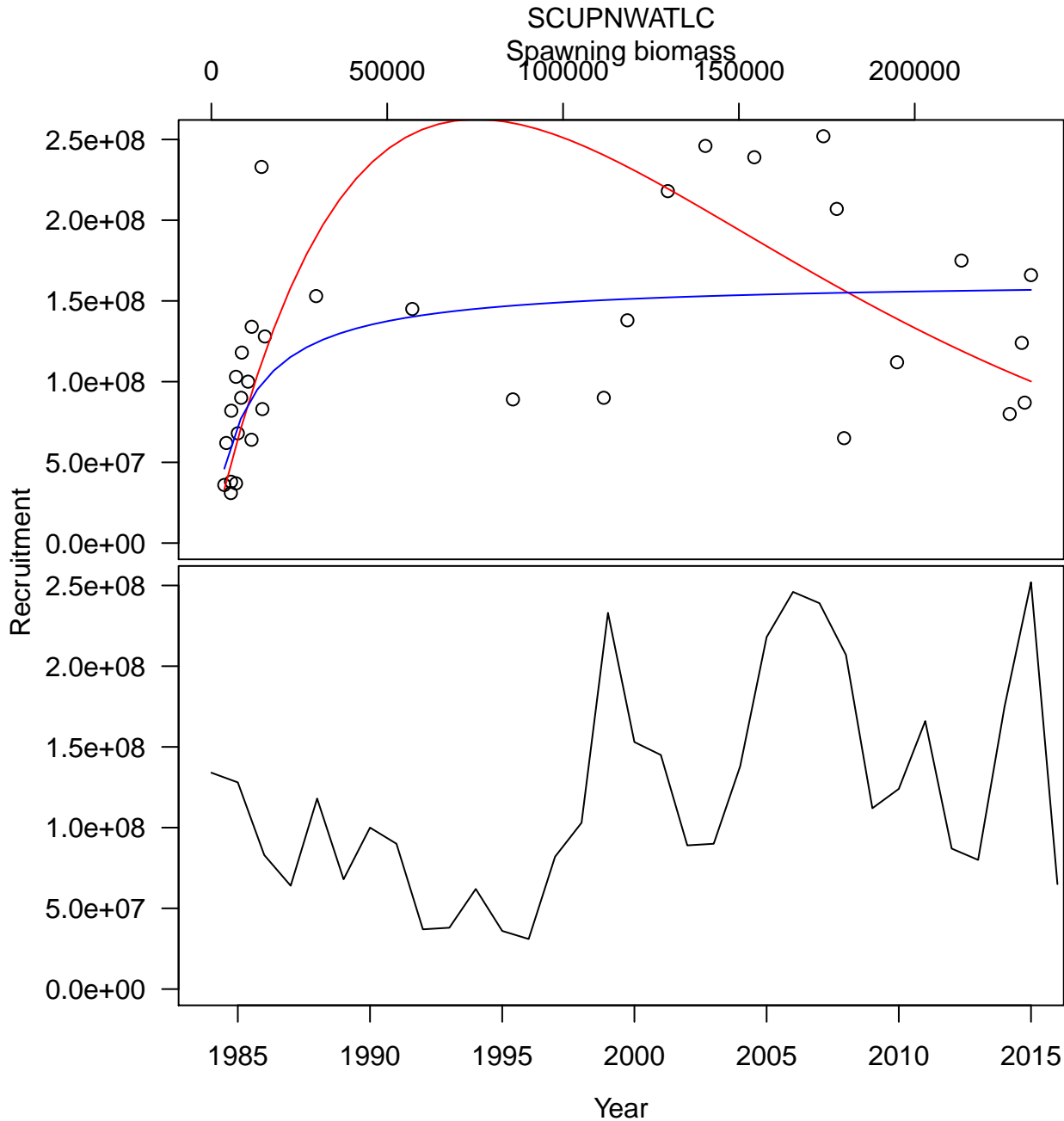


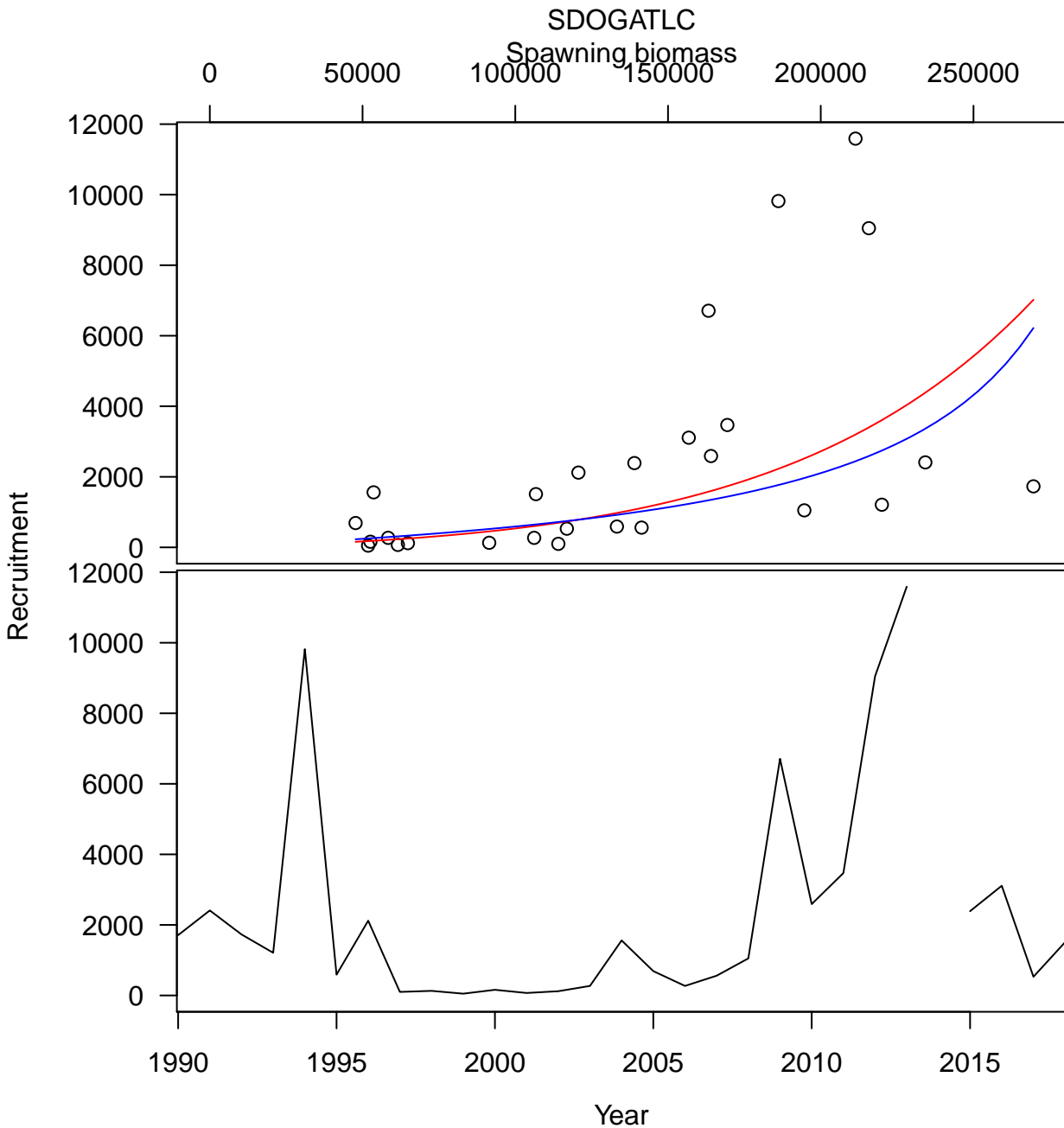












SDOGBLKGS29

Spawning biomass

0

5000

10000

15000

20000

$8e+05$

$6e+05$

$4e+05$

$2e+05$

$0e+00$

Recruitment

$8e+05$

$6e+05$

$4e+05$

$2e+05$

$0e+00$

1990

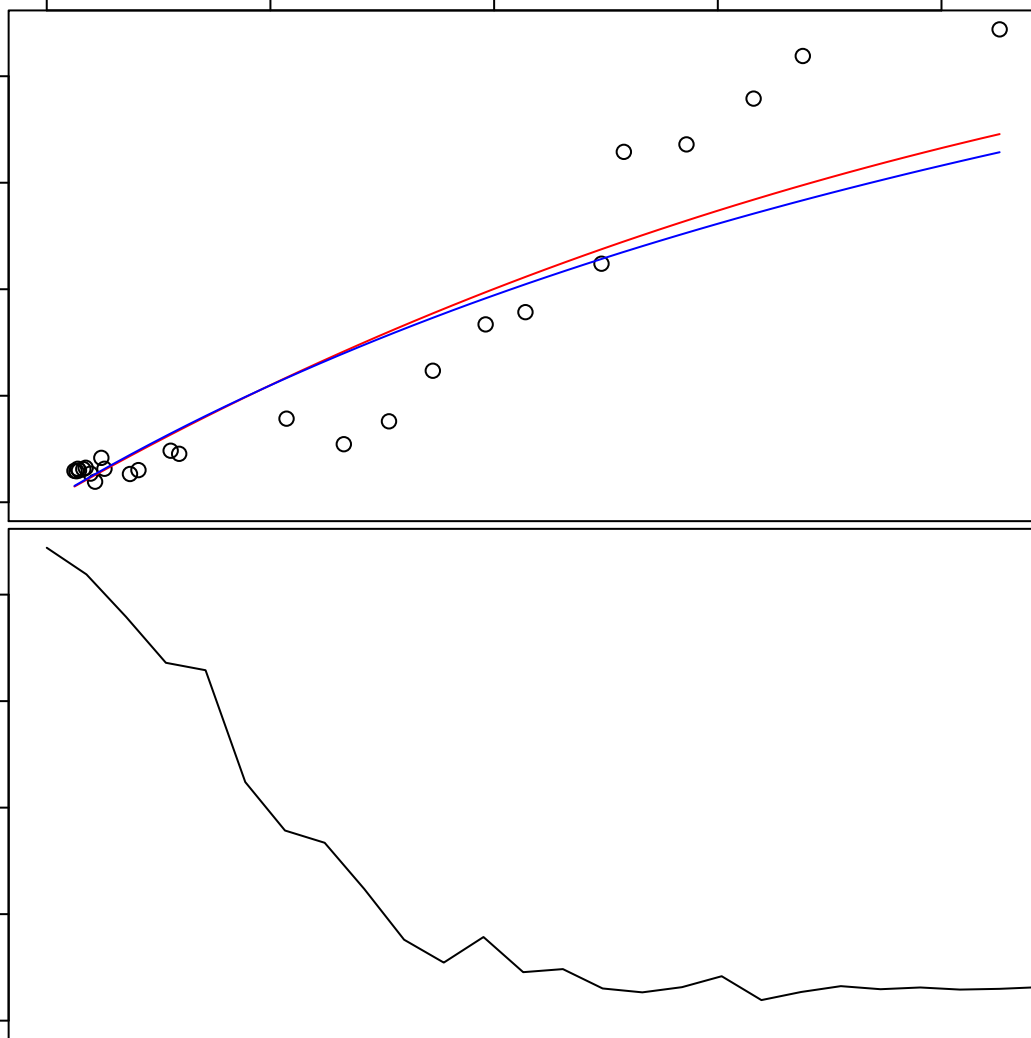
1995

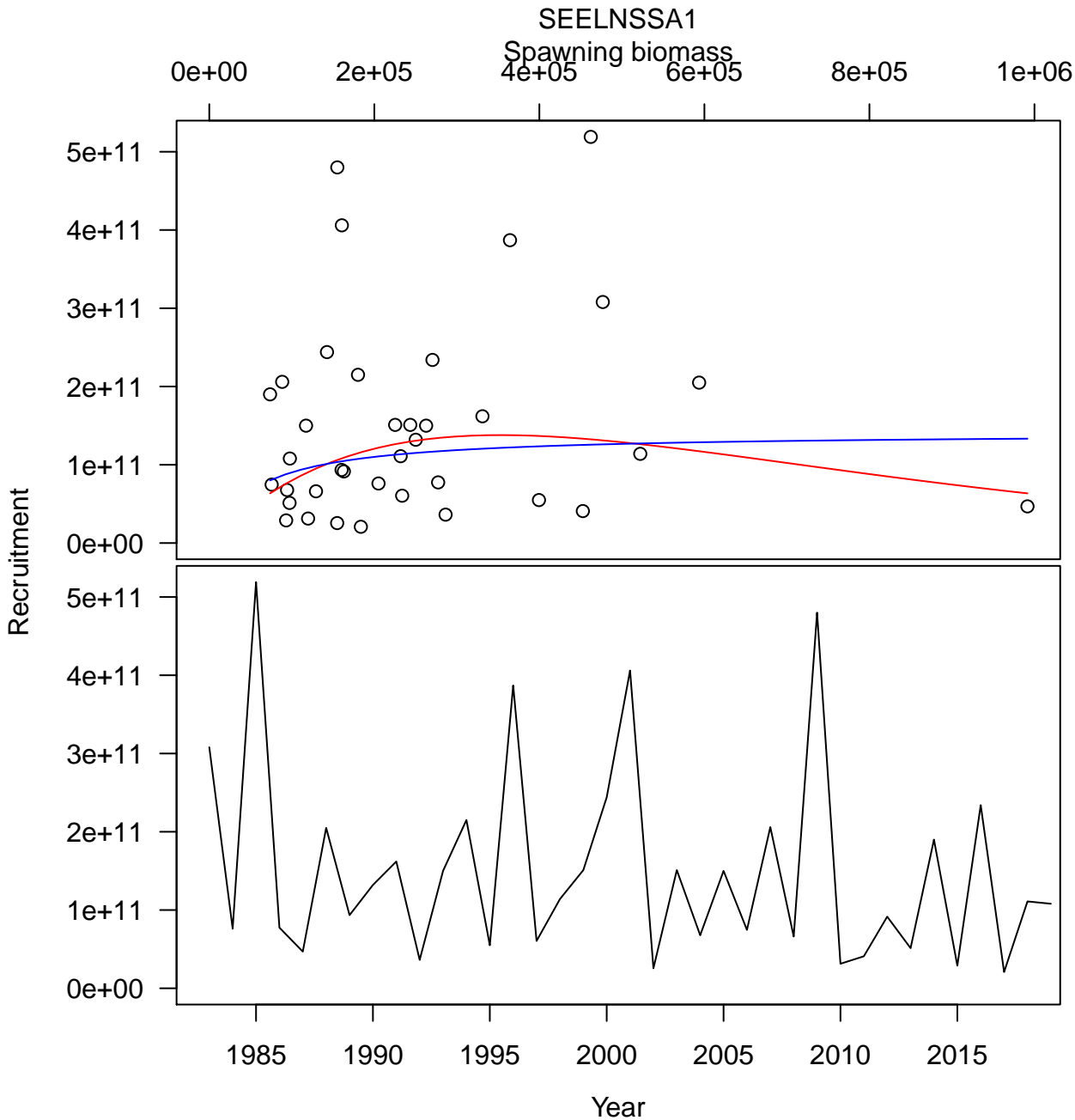
2000

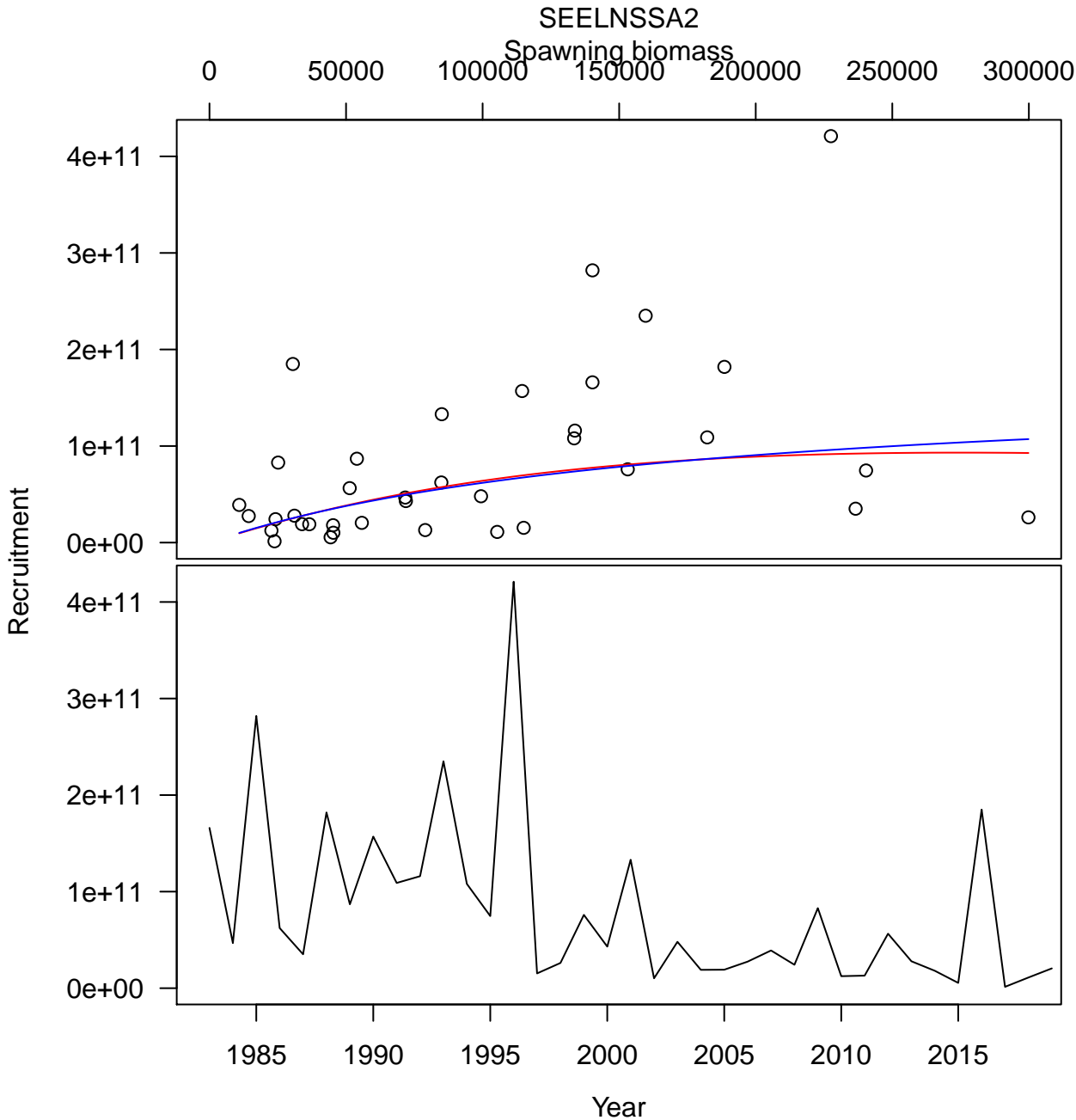
2005

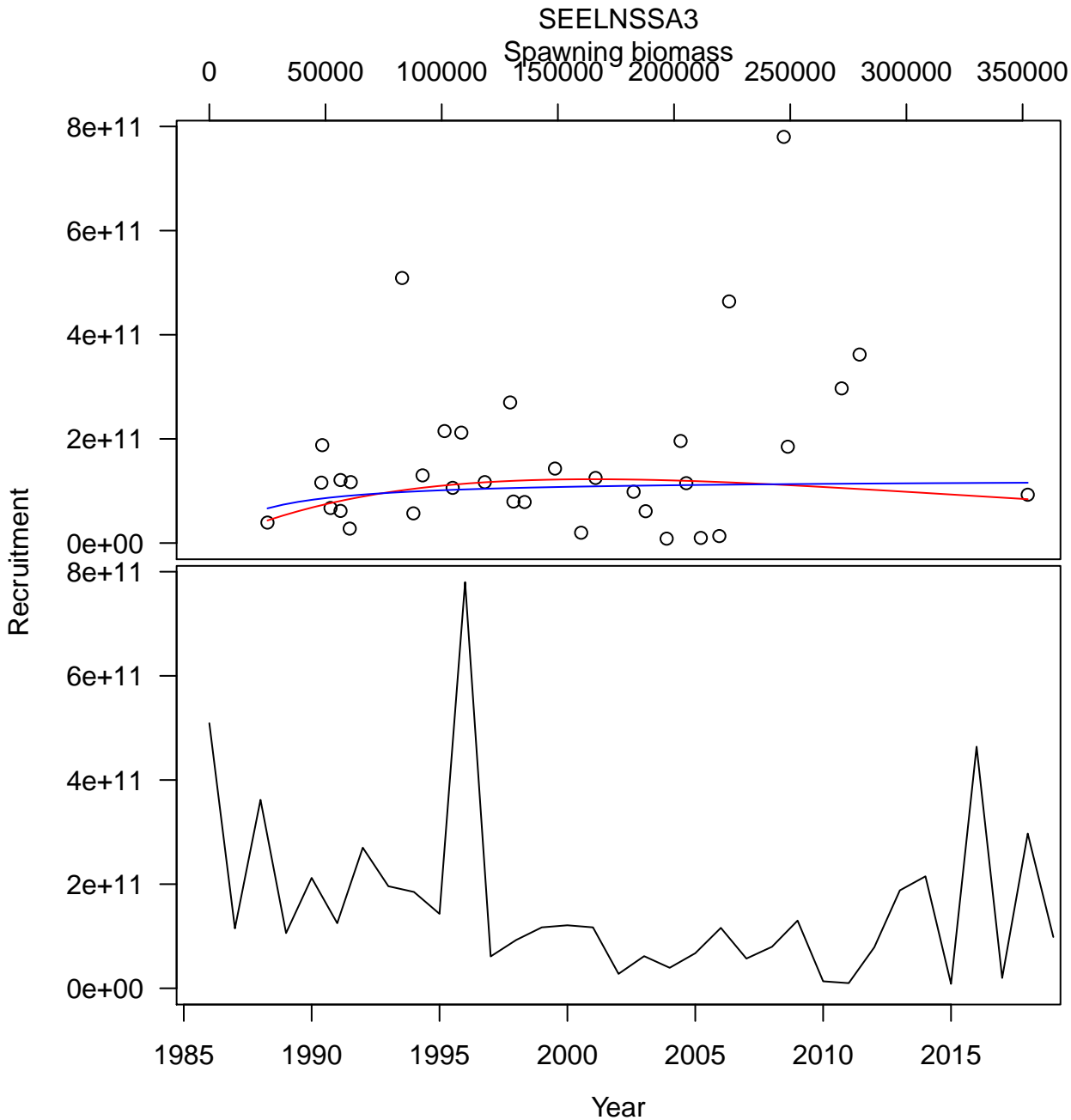
2010

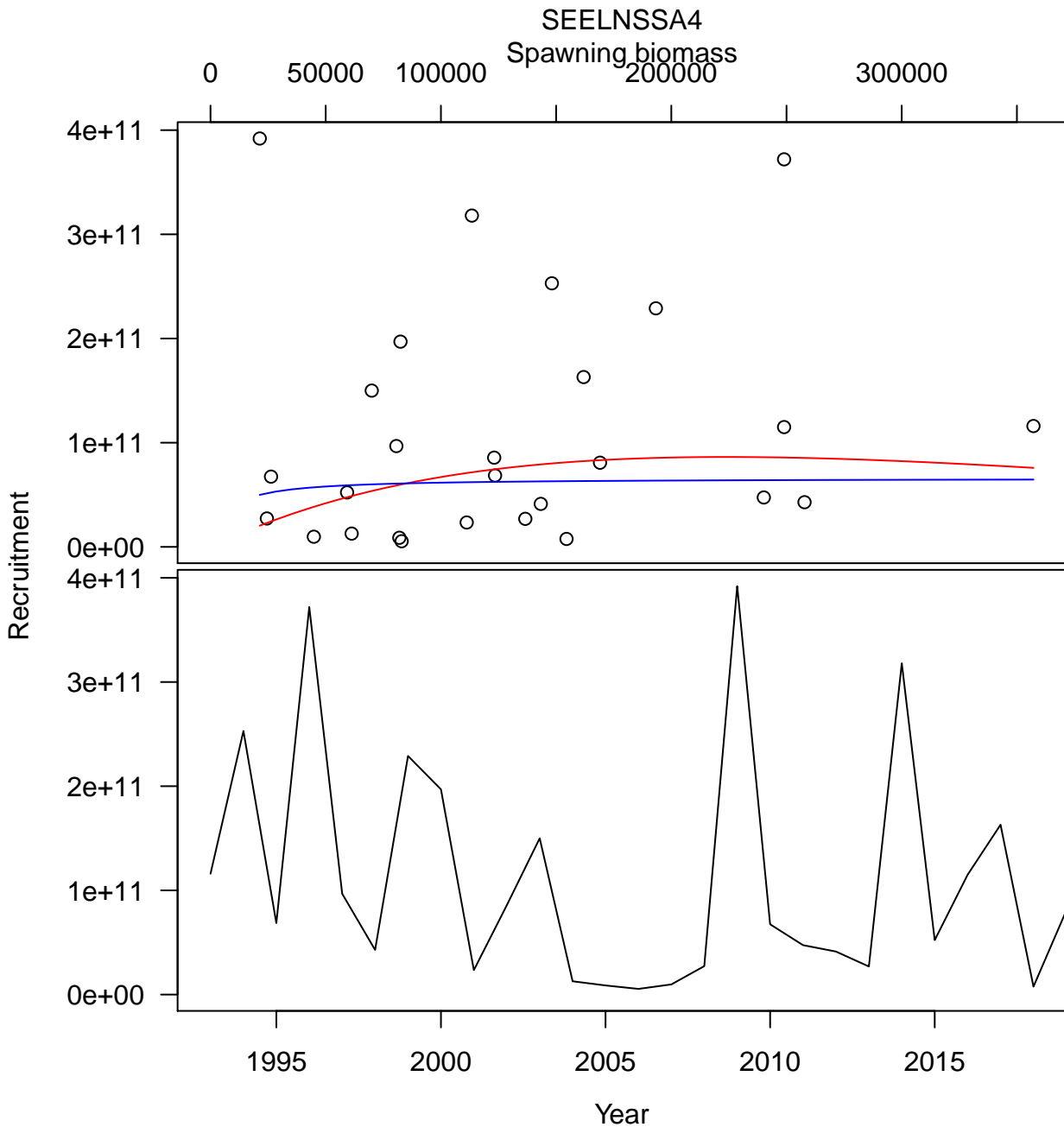
Year

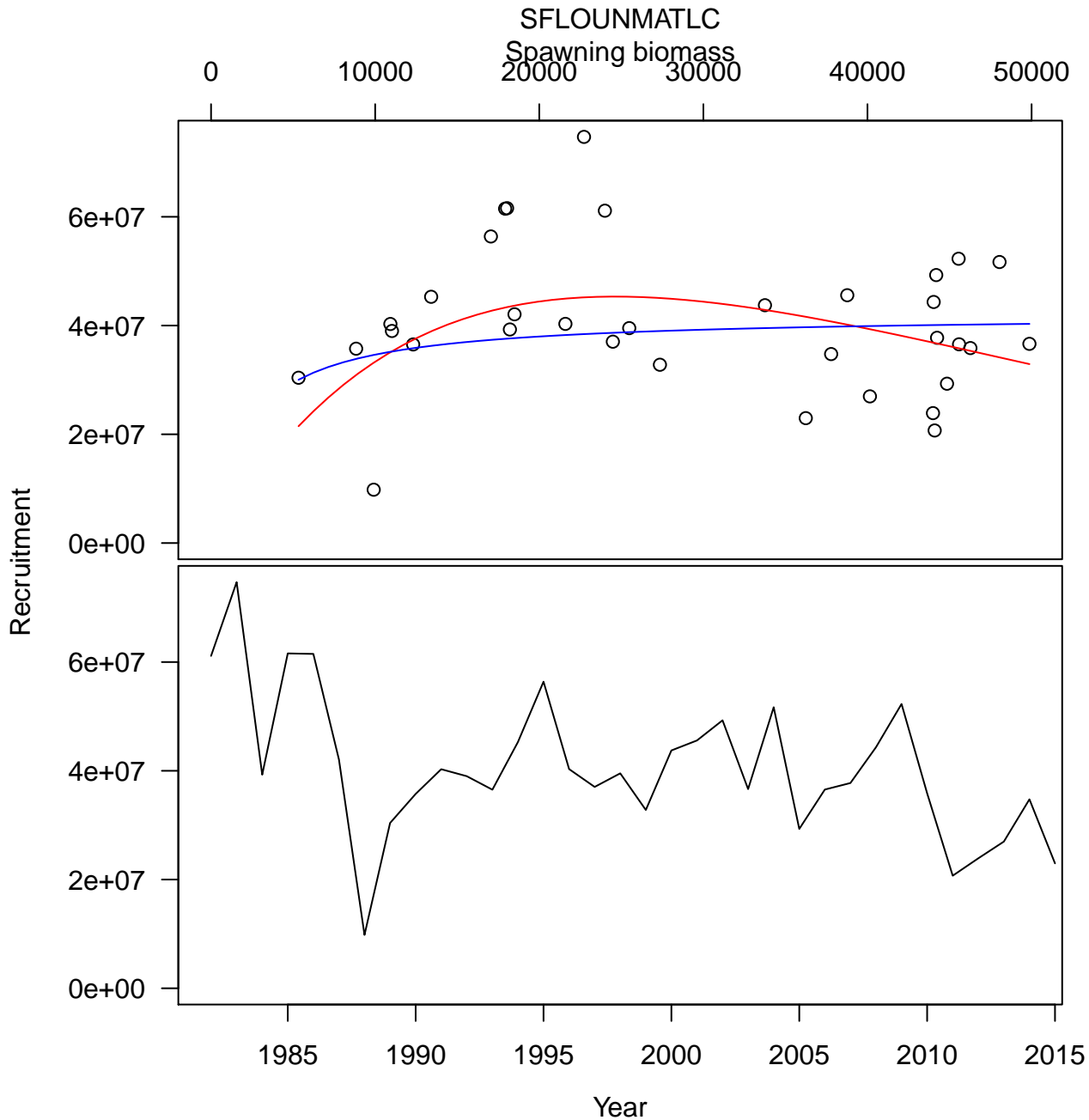






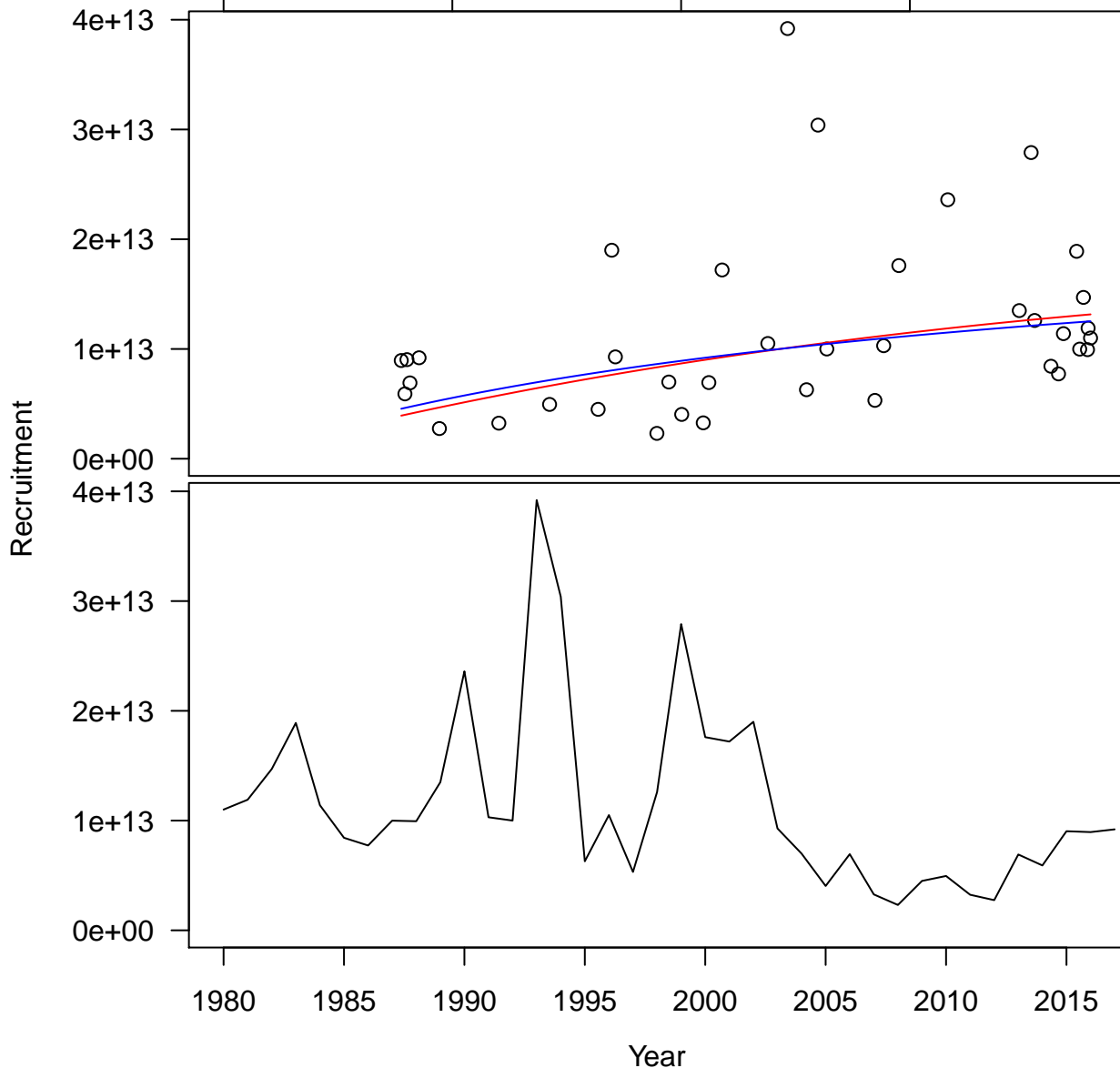






SILVERFISHSE
Spawning biomass

0 5000 10000 15000



SMOOTHOREOCR

Spawning biomass

0

20000

40000

60000

80000

100000

120000

Recruitment

1.2×10^8

1.0×10^8

8.0×10^7

6.0×10^7

4.0×10^7

2.0×10^7

0.0×10^0

1.2×10^8

1.0×10^8

8.0×10^7

6.0×10^7

4.0×10^7

2.0×10^7

0.0×10^0

1960

1970

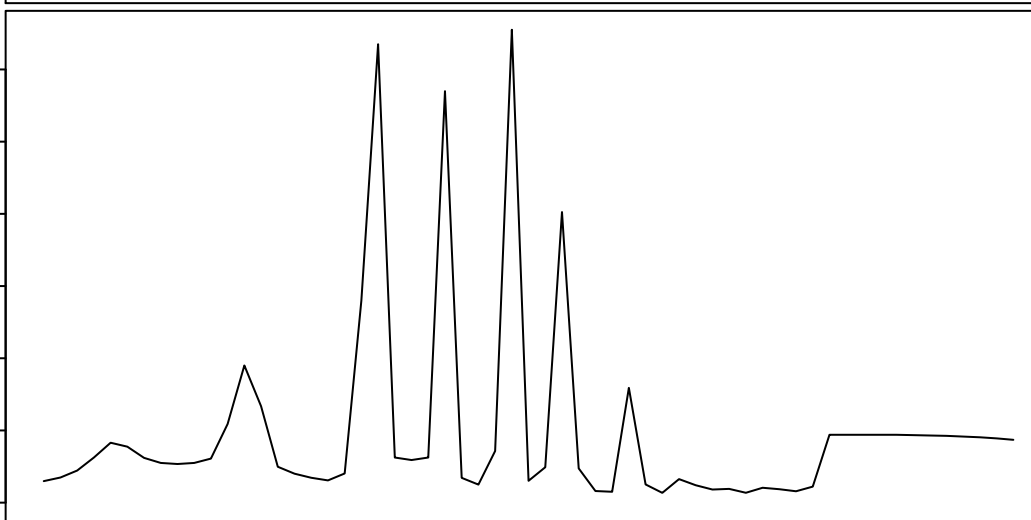
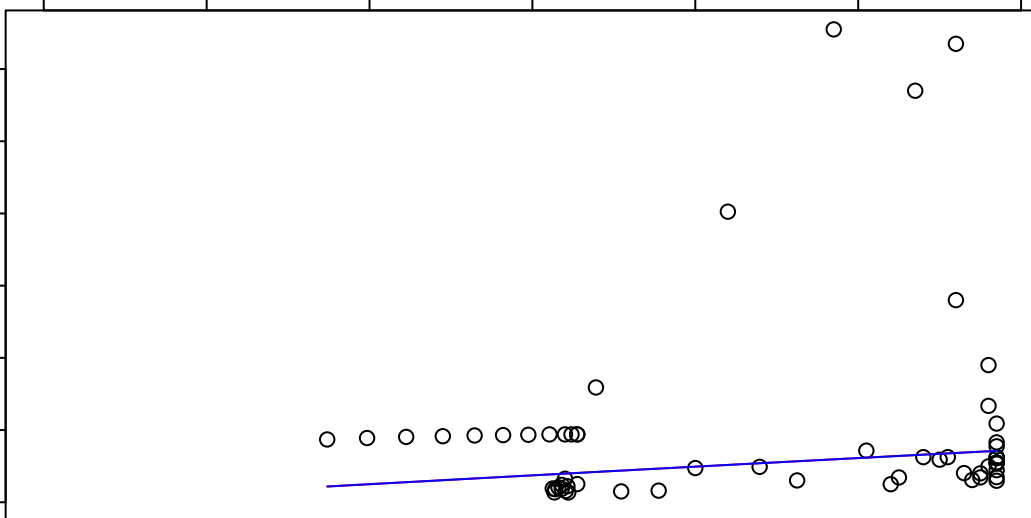
1980

1990

2000

2010

Year



SNAPSAUSNSG
Spawning biomass

0.00

0.05

0.10

0.15

0.20

0.25

8e+05

6e+05

4e+05

2e+05

0e+00

Recruitment

8e+05

6e+05

4e+05

2e+05

0e+00

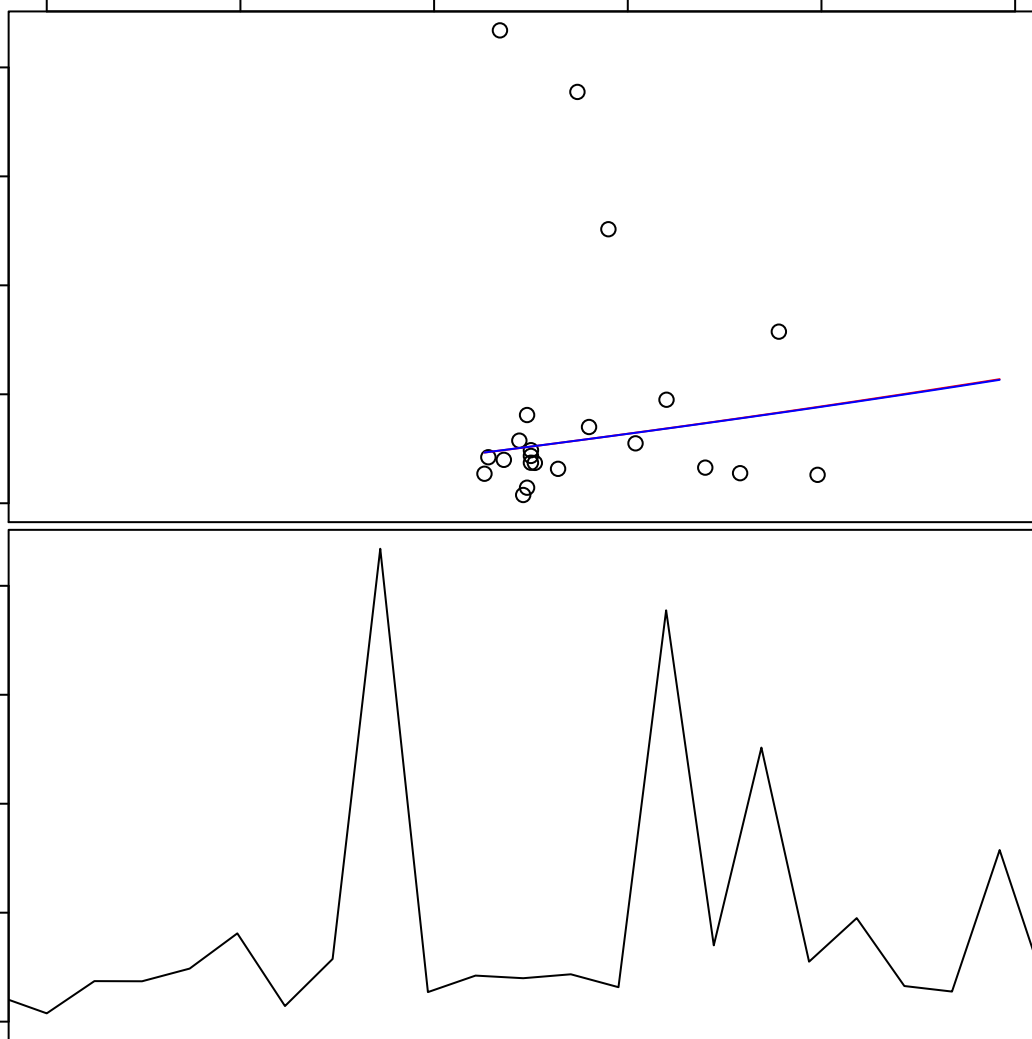
1985

1990

1995

2000

Year



SNAPSAUSSGSV

Spawning biomass

0.00

0.05

0.10

0.15

0.20

0.25

5e+05

4e+05

3e+05

2e+05

1e+05

0e+00

Recruitment

5e+05

4e+05

3e+05

2e+05

1e+05

0e+00

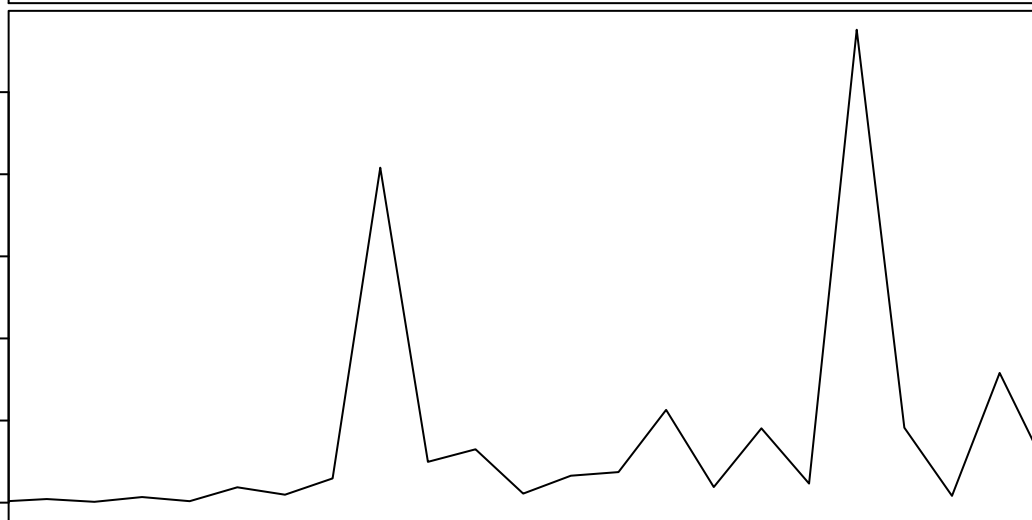
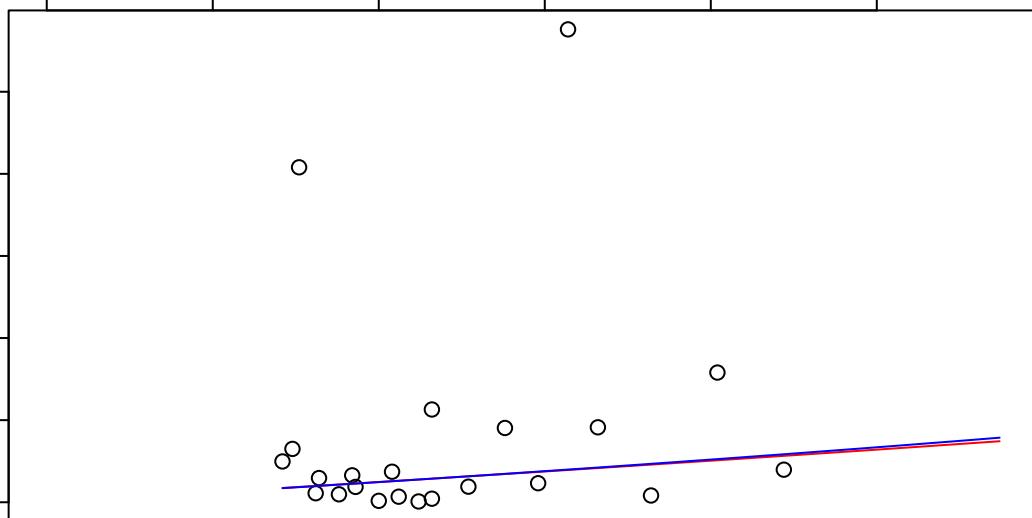
1985

1990

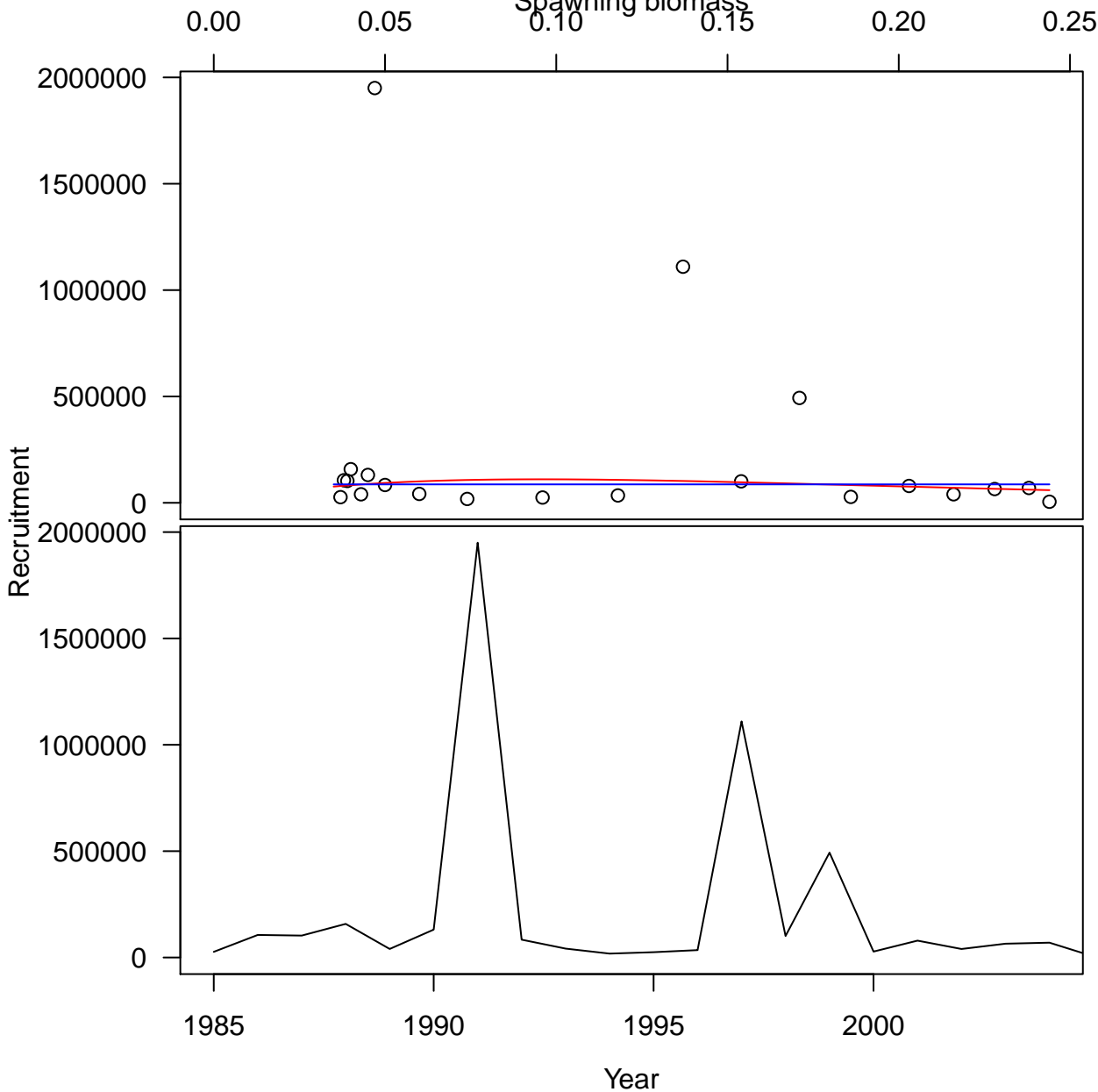
1995

2000

Year



SNAPSAUSSSG Spawning biomass



SNOWCRABBS

Spawning biomass

0 50000 100000 150000 200000 250000

Recruitment

4e+09
3e+09
2e+09
1e+09
0e+00

4e+09
3e+09
2e+09
1e+09
0e+00

1985

1990

1995

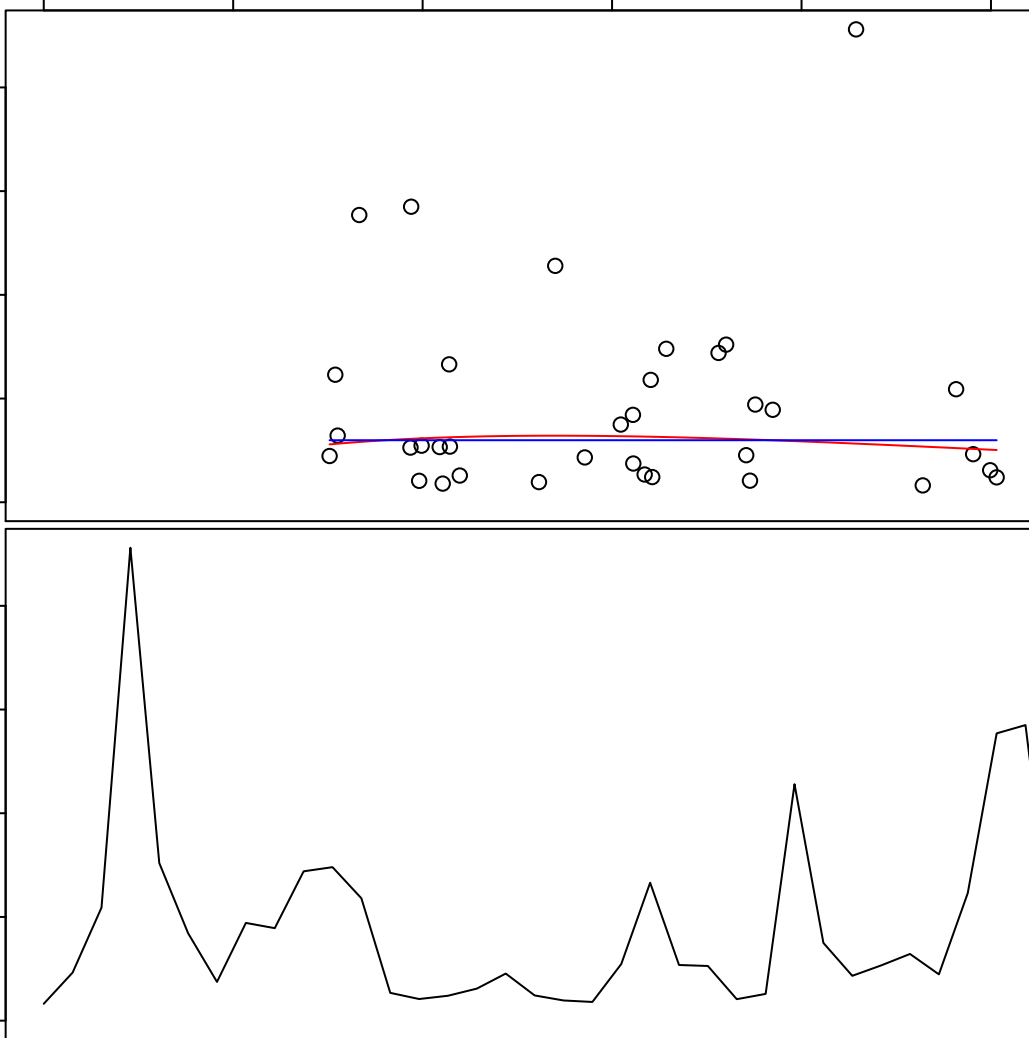
2000

2005

2010

2015

Year



SNROCKPCOAST

Spawning biomass

0.0e+00 2.0e+09 4.0e+09 6.0e+09 8.0e+09 1.0e+10 1.2e+10

Recruitment

8e+07

6e+07

4e+07

2e+07

0e+00

8e+07

6e+07

4e+07

2e+07

0e+00

1960

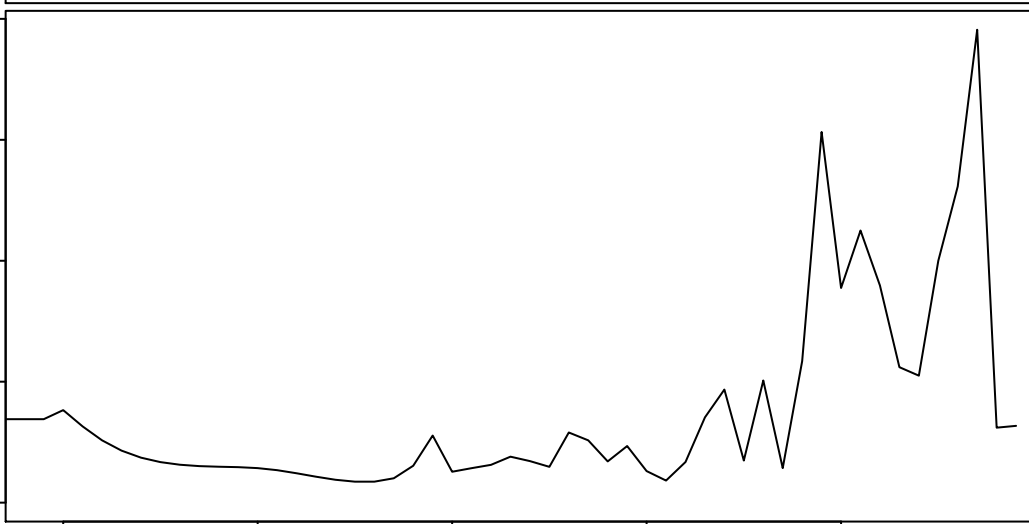
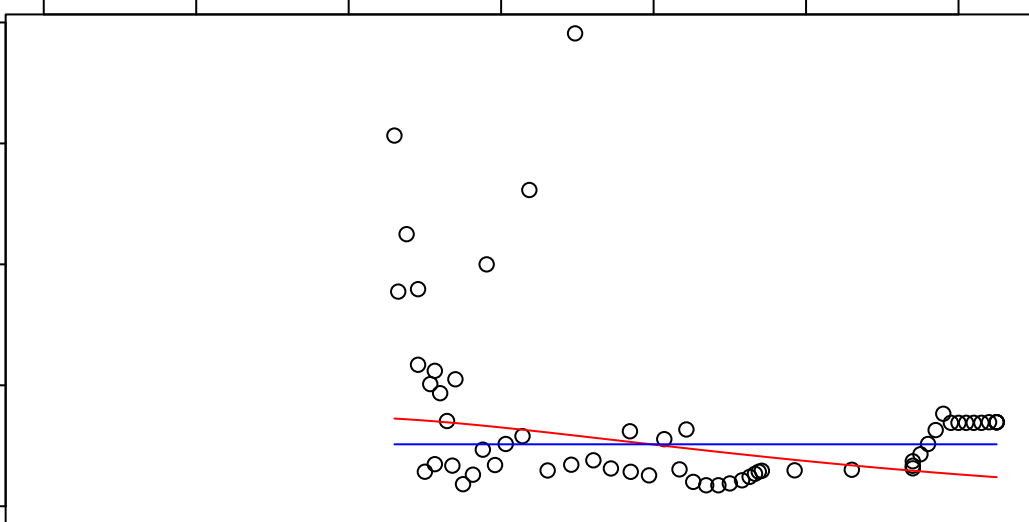
1970

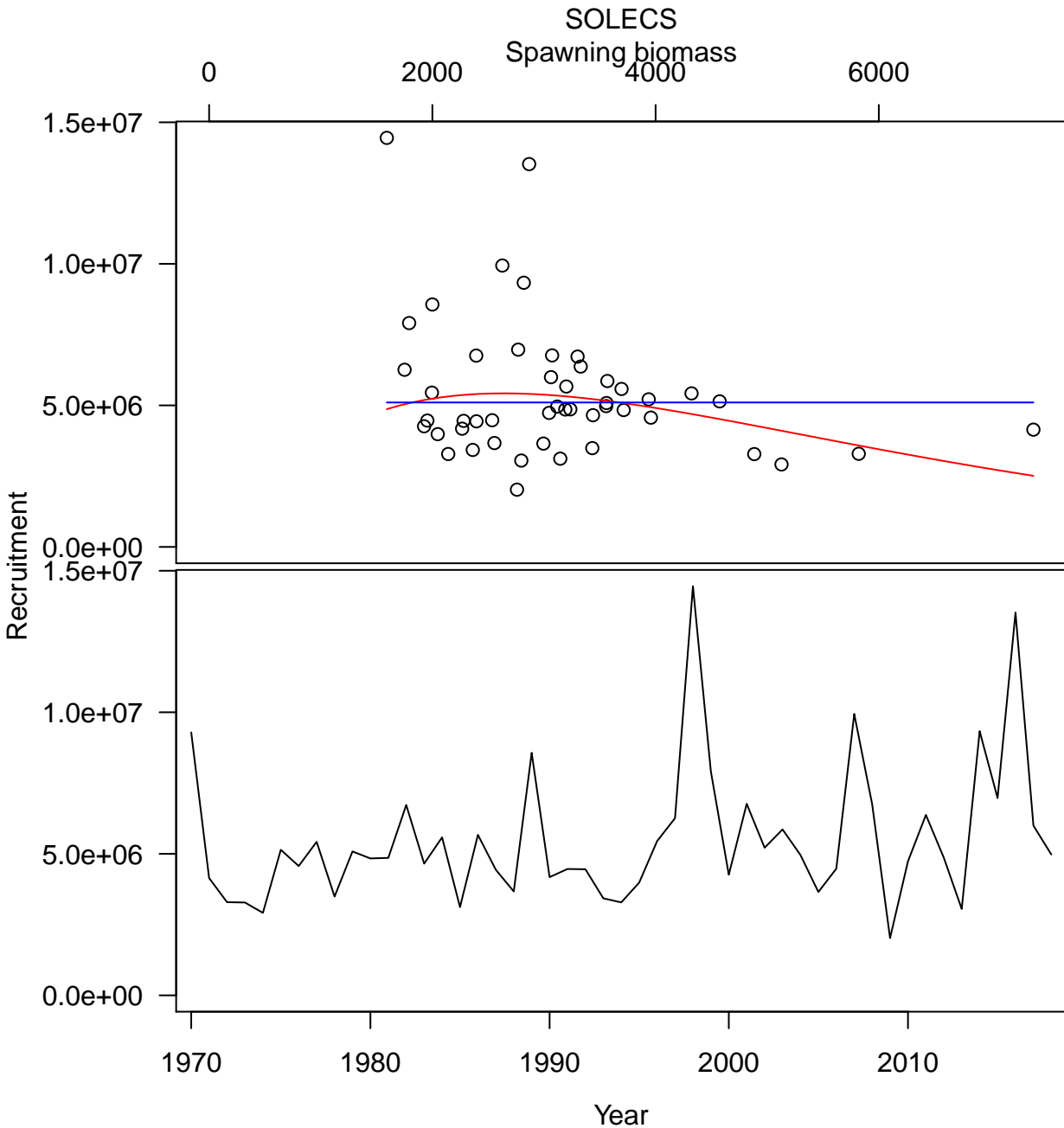
1980

1990

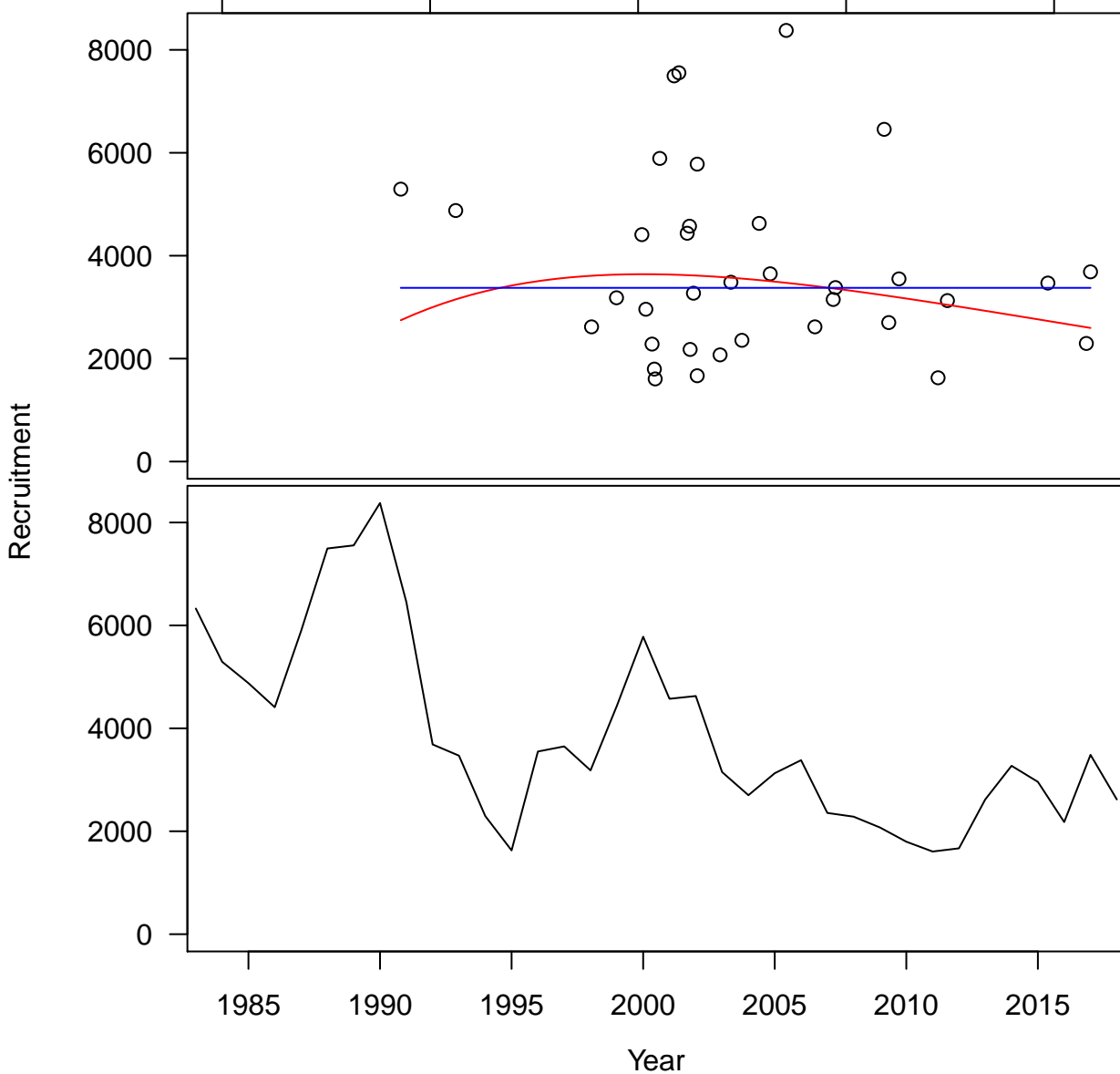
2000

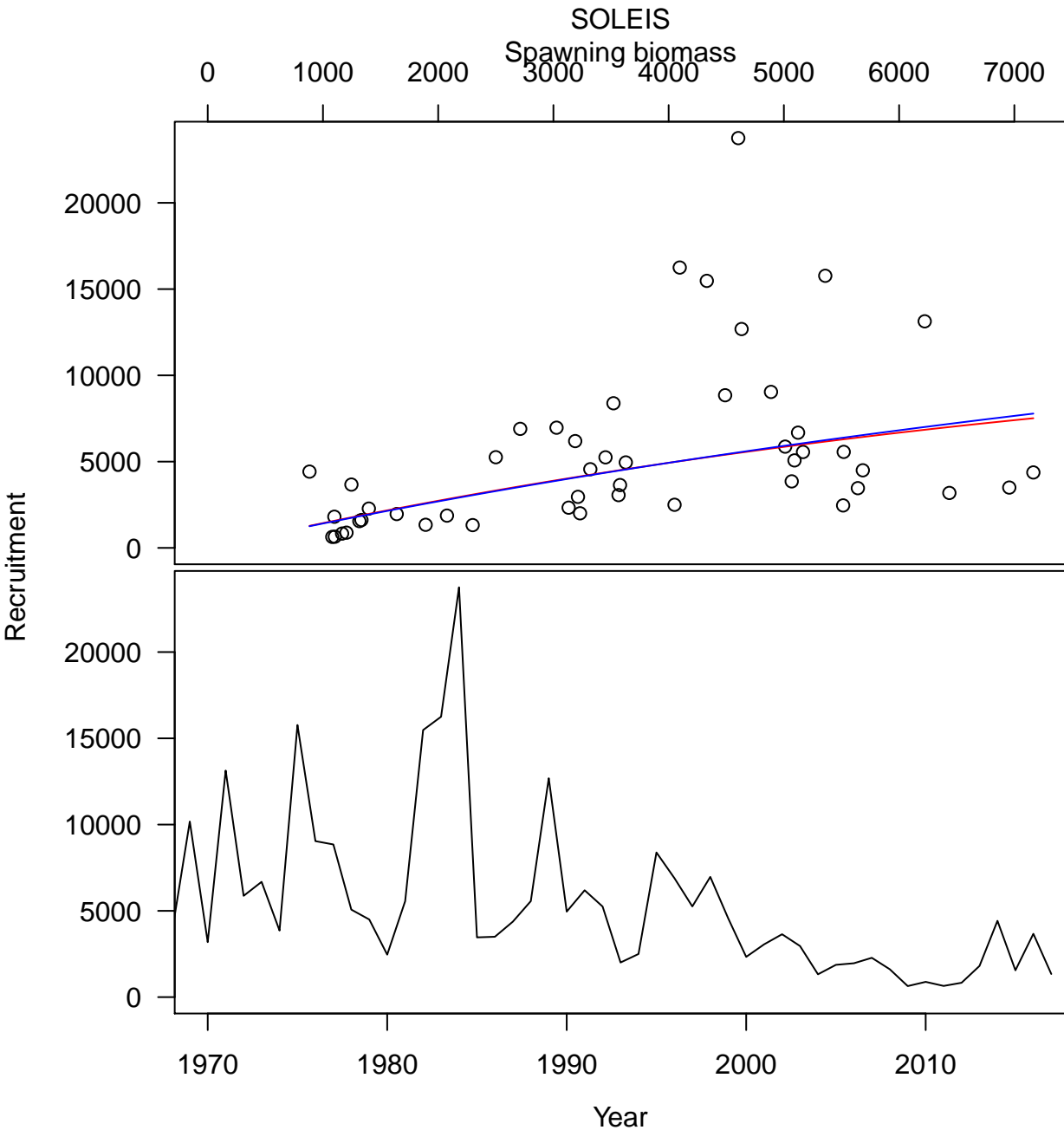
Year

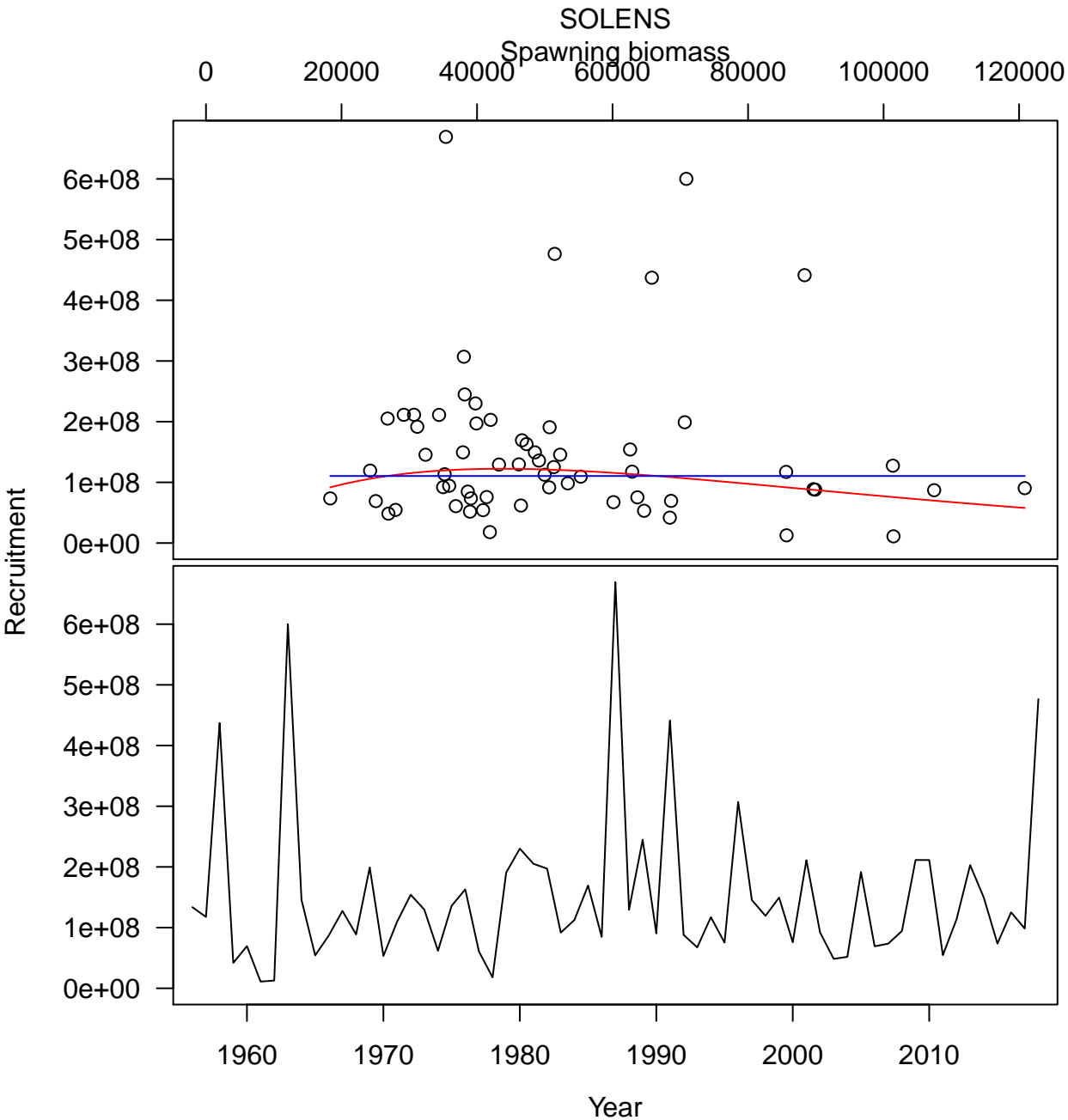


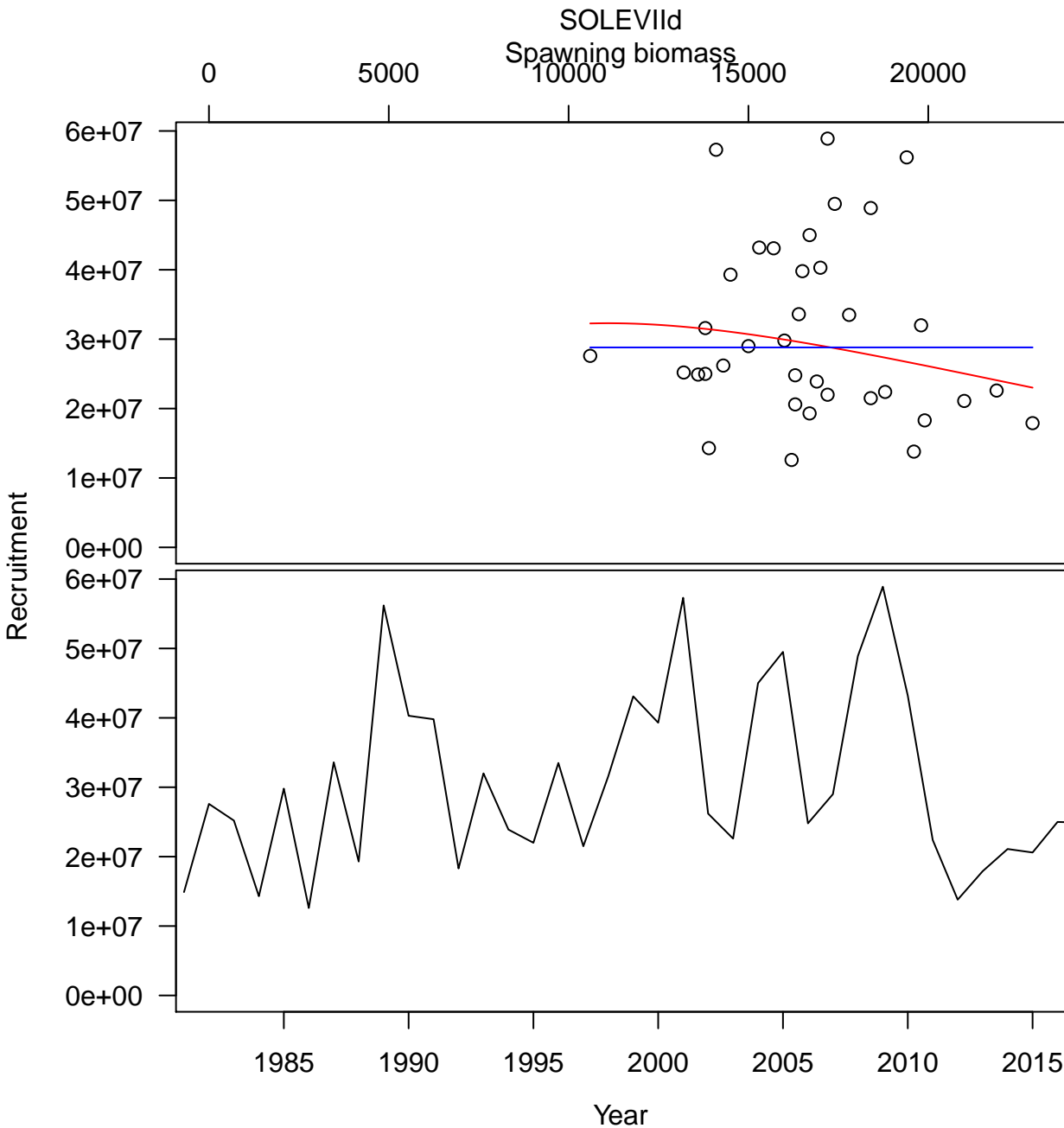


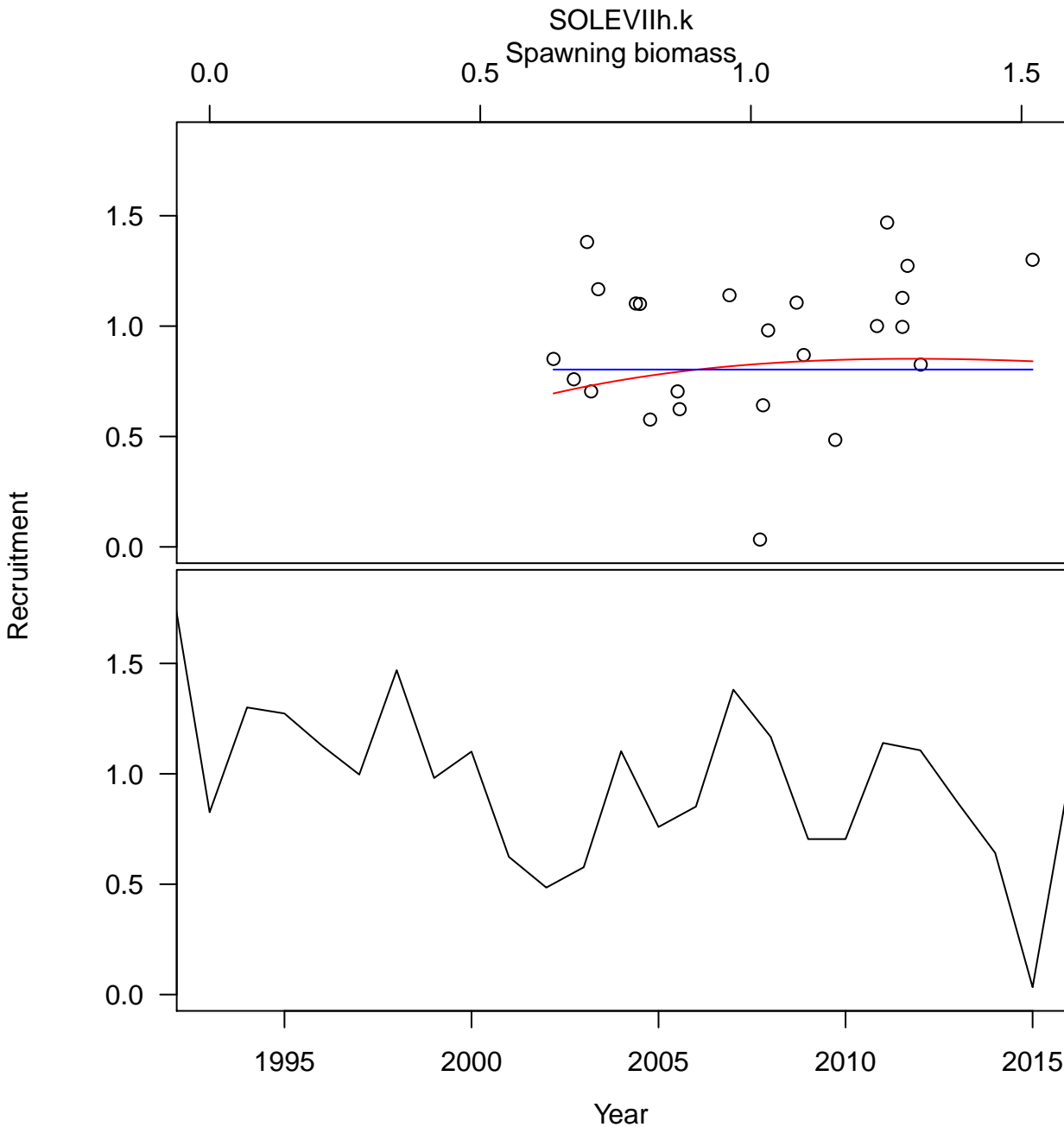
SOLElla.2224
Spawning biomass











SOUTHHAKECR

Spawning biomass

0 10000 20000 30000 40000 50000 60000 70000

6e+06

4e+06

2e+06

0e+00

Recruitment

6e+06

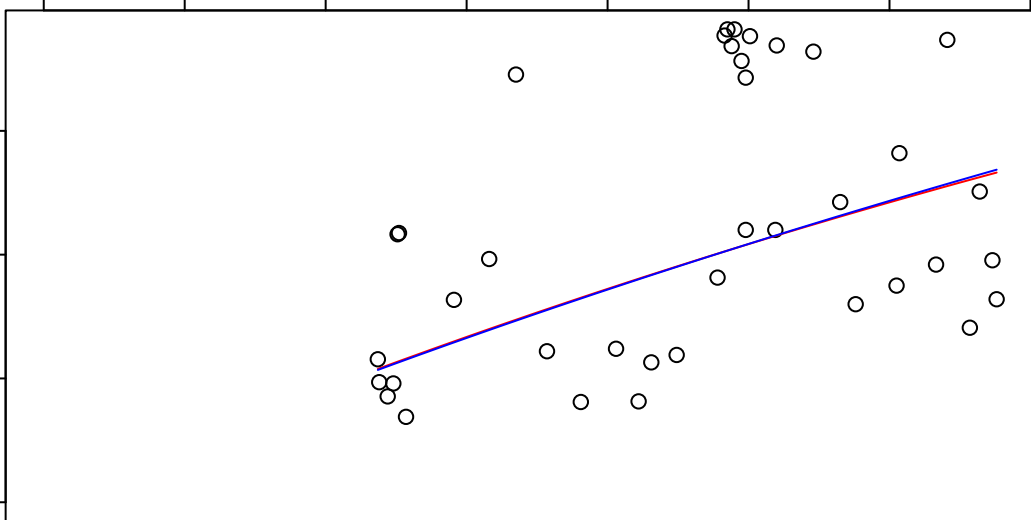
4e+06

2e+06

0e+00

1975 1980 1985 1990 1995 2000 2005 2010

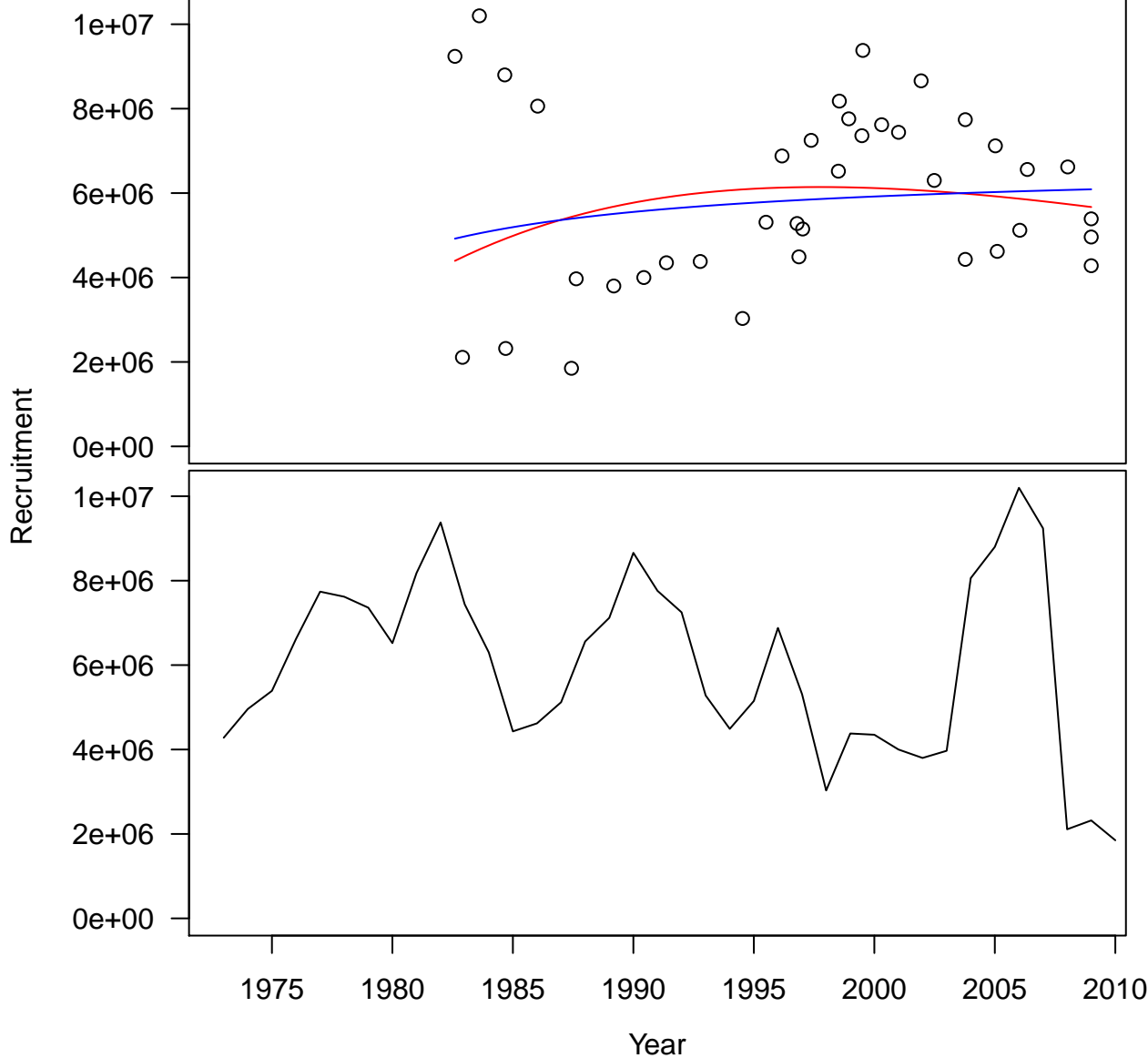
Year



SOUTHHAKEWCSI

Spawning biomass

0 20000 40000 60000 80000



SPANMACKSETO

Spawning biomass

0 2000 4000 6000 8000 10000

Recruitment

5e+06
4e+06
3e+06
2e+06
1e+06
0e+00

5e+06
4e+06
3e+06
2e+06
1e+06
0e+00

1990

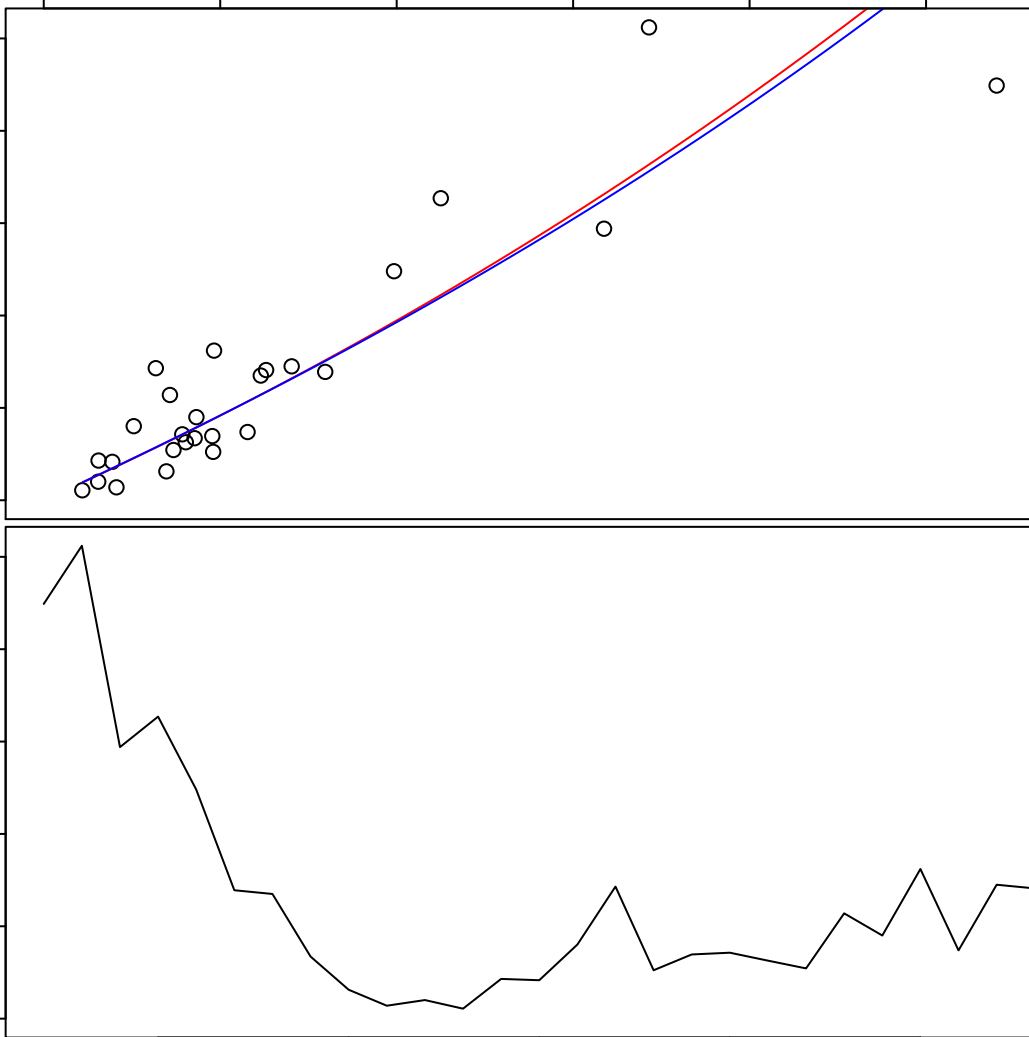
1995

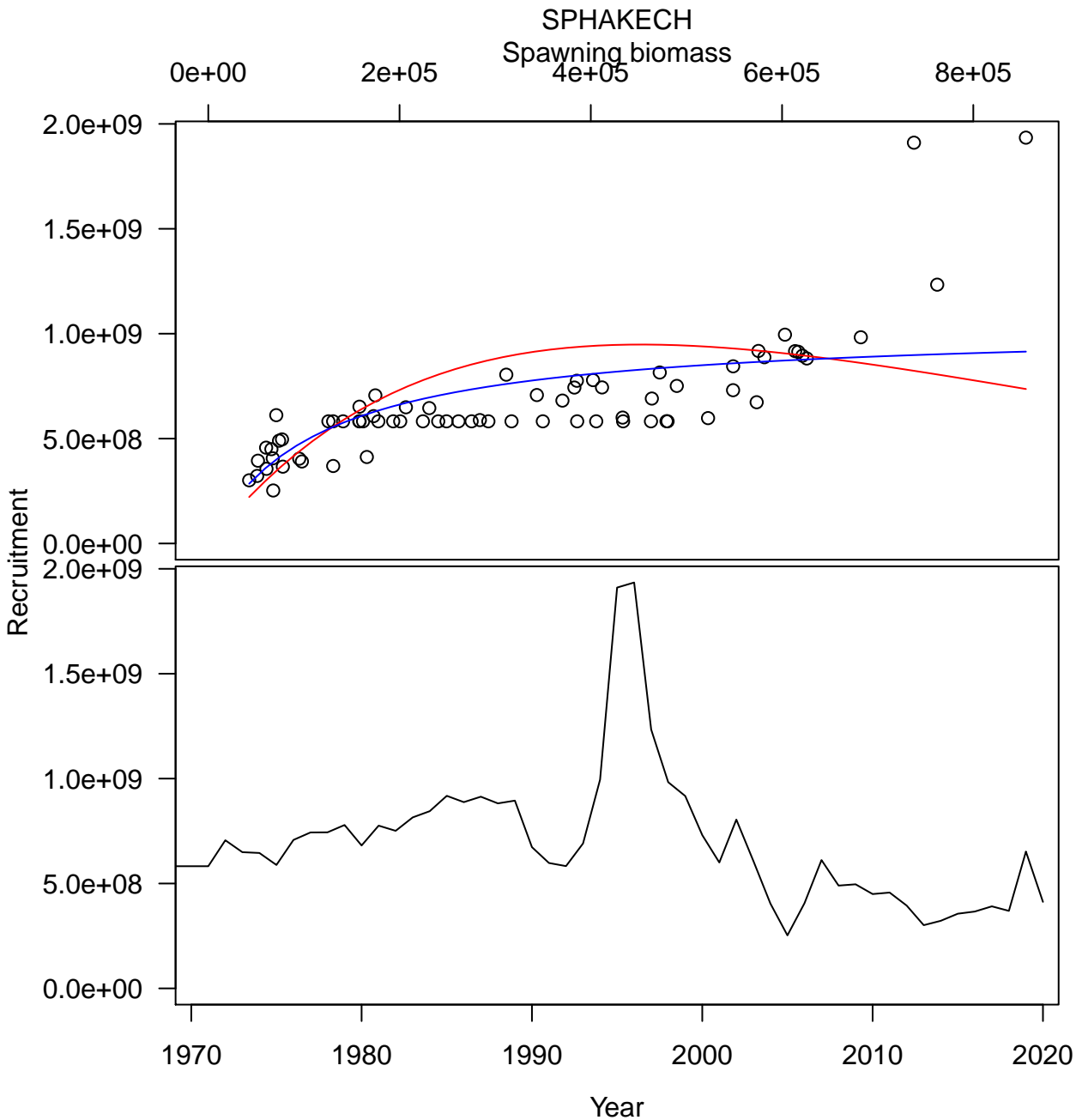
2000

2005

2010

Year





SPRAT22.32

Spawning biomass

0

500000

1000000

1500000

2.5e+08

2.0e+08

1.5e+08

1.0e+08

5.0e+07

0.0e+00

Recruitment

2.5e+08

2.0e+08

1.5e+08

1.0e+08

5.0e+07

0.0e+00

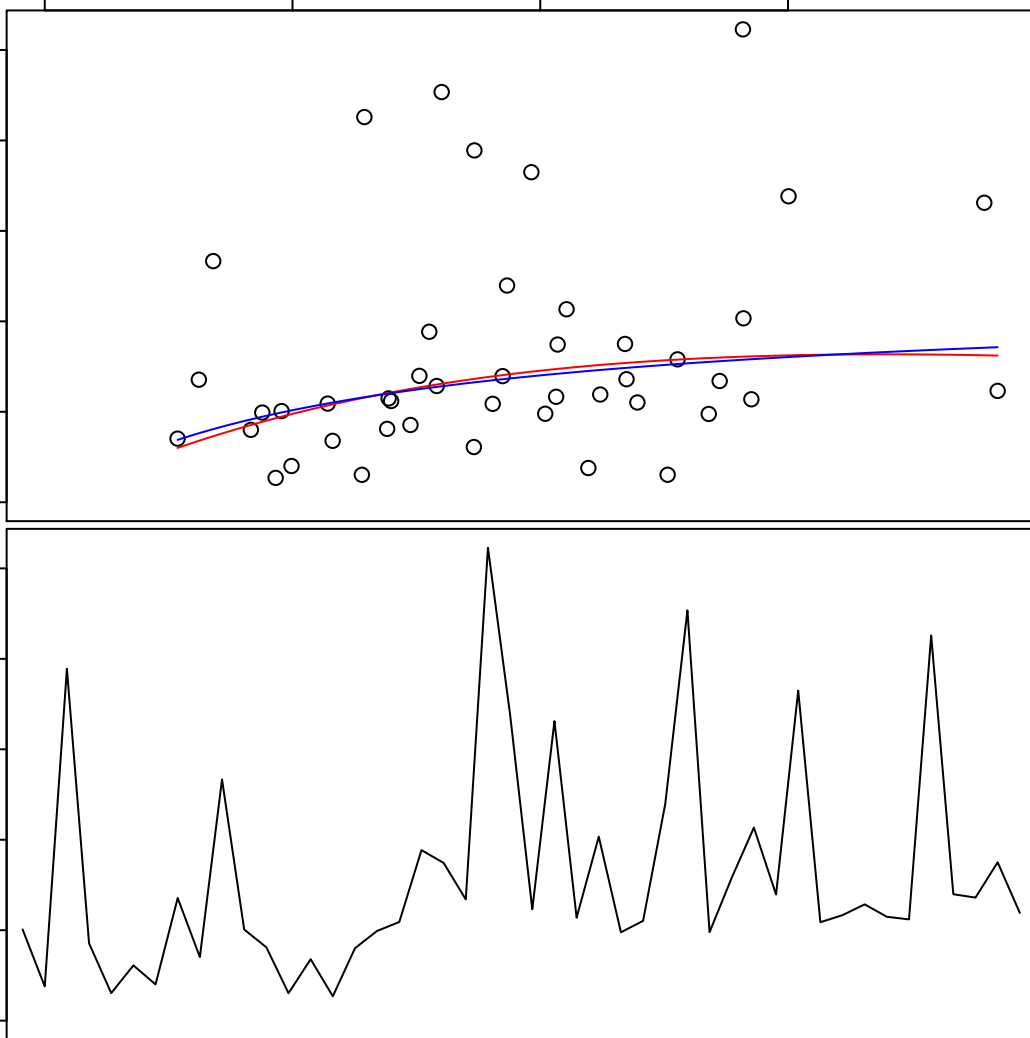
1980

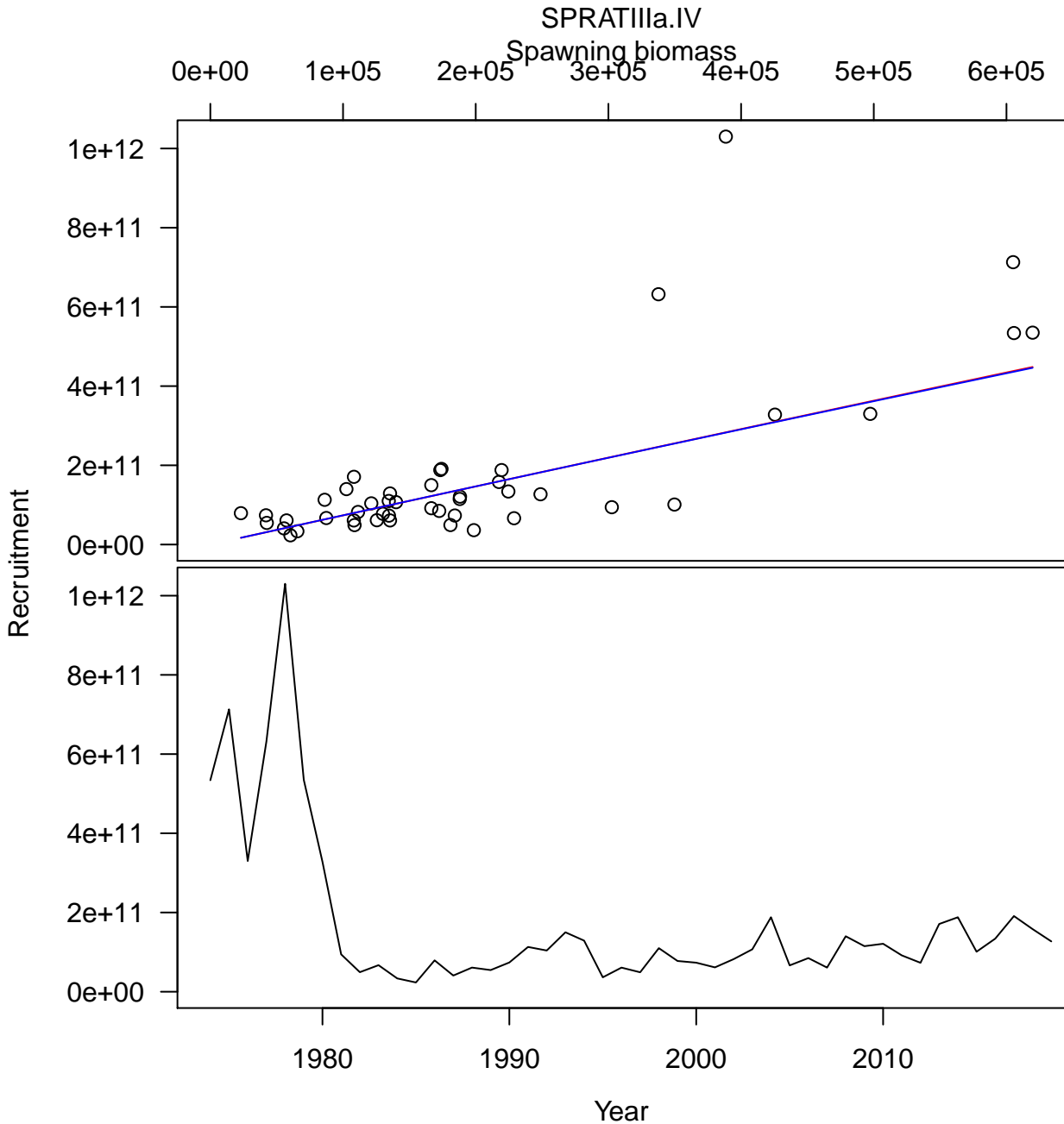
1990

2000

2010

Year





SSLOBSTERSASC

Spawning biomass

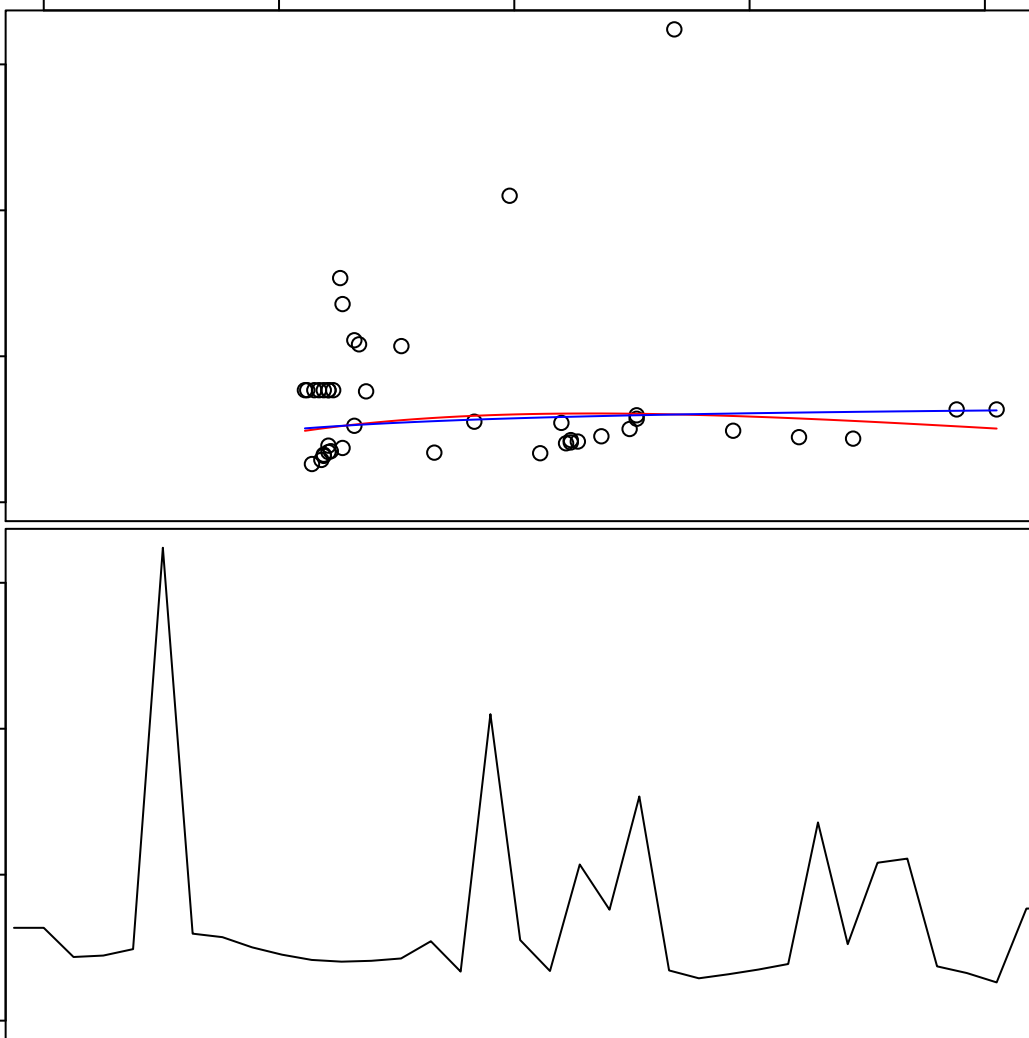
0 1000 2000 3000 4000

Recruitment

1.5e+07
1.0e+07
5.0e+06
0.0e+00
1.5e+07
1.0e+07
5.0e+06
0.0e+00

1975 1980 1985 1990 1995 2000 2005

Year



STFLOUNNPCOAST

Spawning biomass

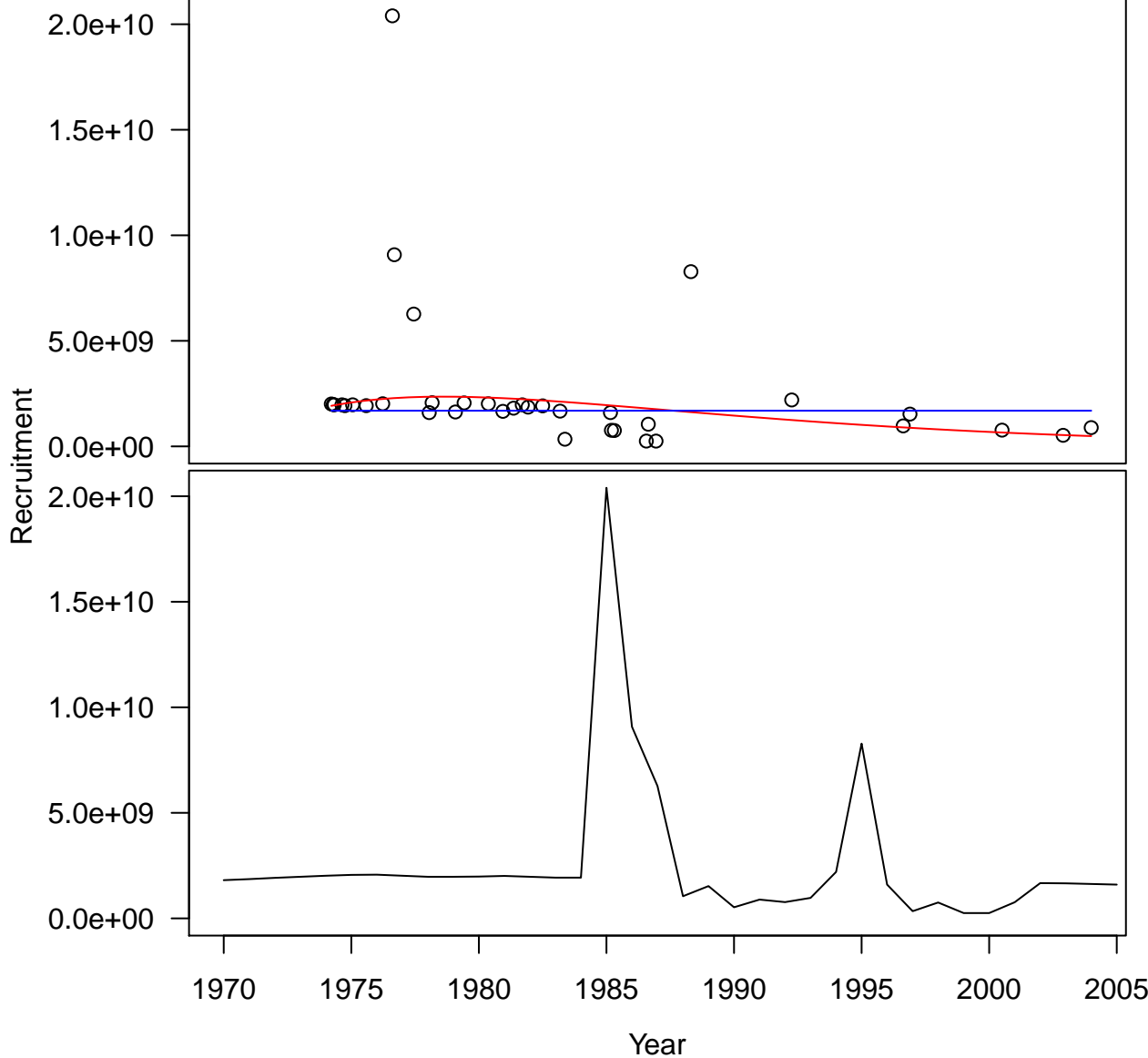
0

2000

4000

6000

8000



STFLOUNSPCOAST

Spawning biomass

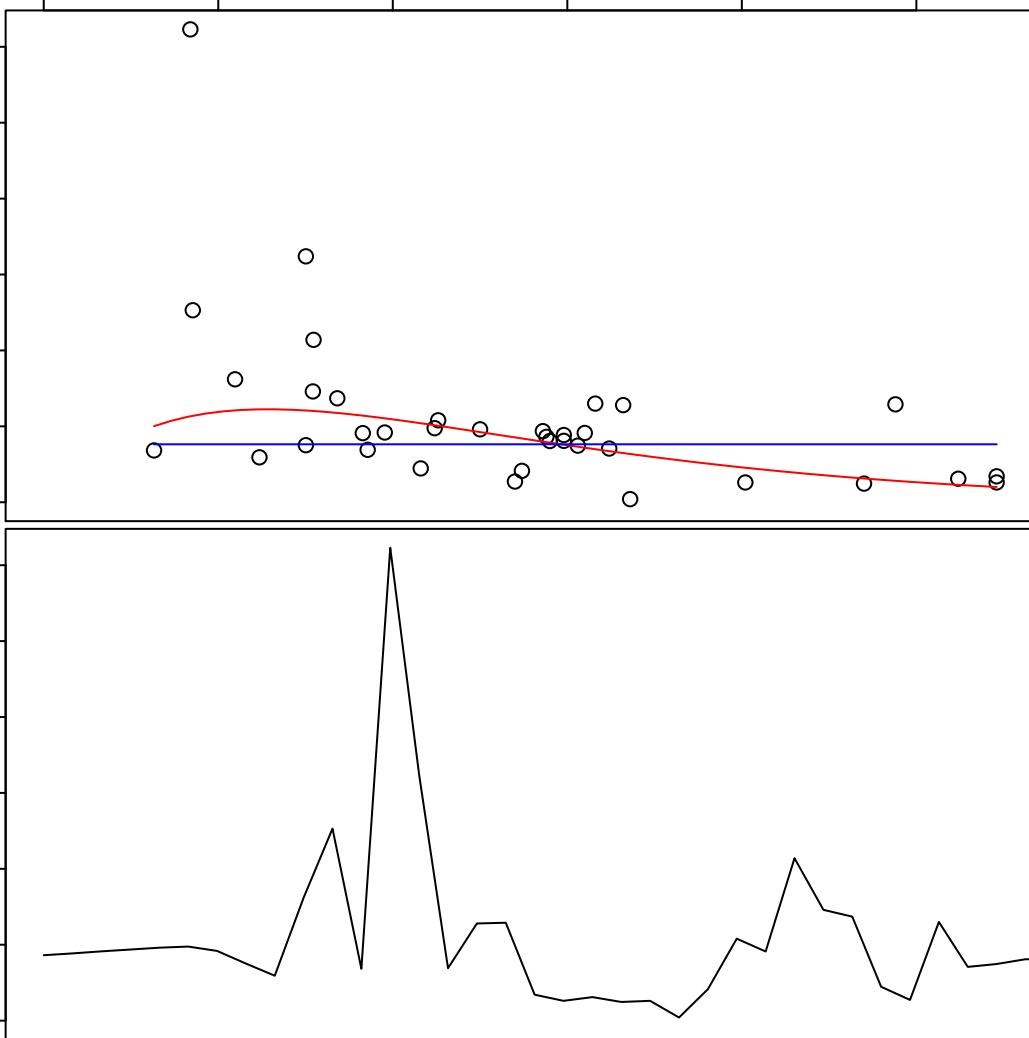
0 500 1000 1500 2000 2500

Recruitment

6e+09
5e+09
4e+09
3e+09
2e+09
1e+09
0e+006e+09
5e+09
4e+09
3e+09
2e+09
1e+09
0e+00

1970 1975 1980 1985 1990 1995 2000

Year



STMARLINNEPAC

Spawning biomass

0

1000

2000

3000

500

400

300

200

100

0

Recruitment

500

400

300

200

100

0

1975

1980

1985

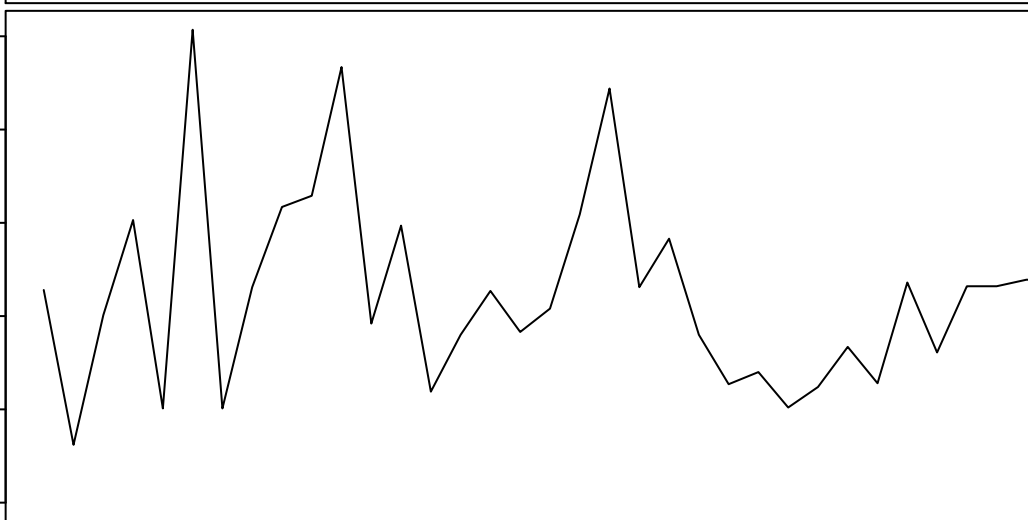
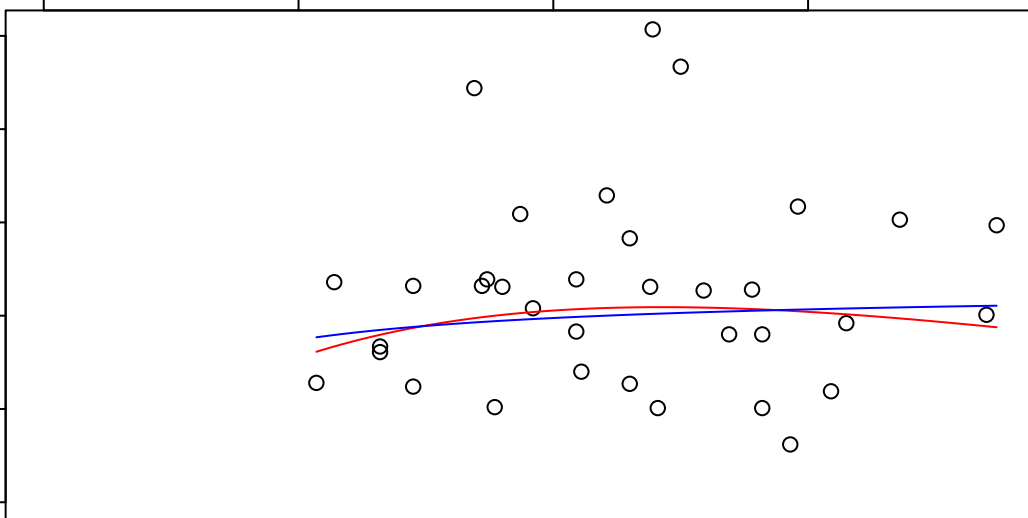
1990

1995

2000

2005

Year



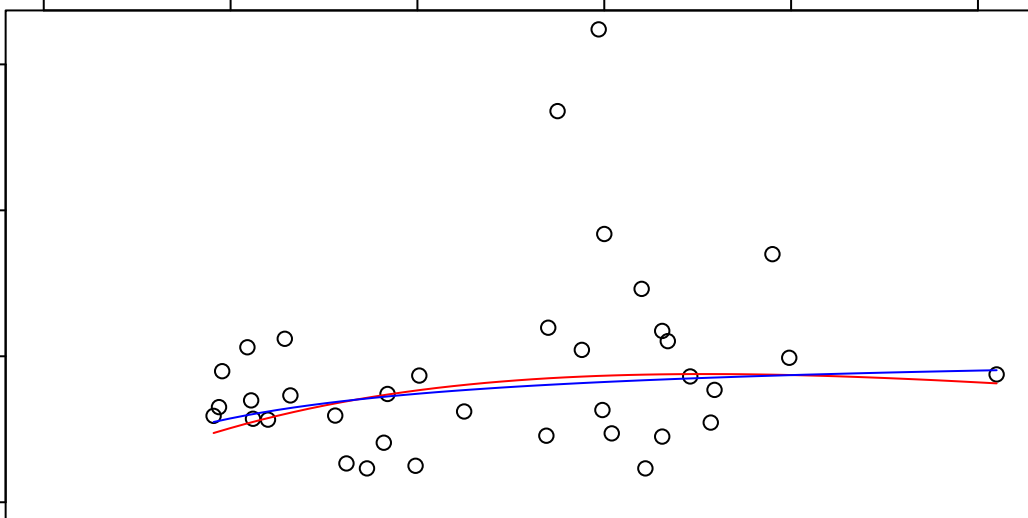
STMARLINWCNPAC

Spawning biomass

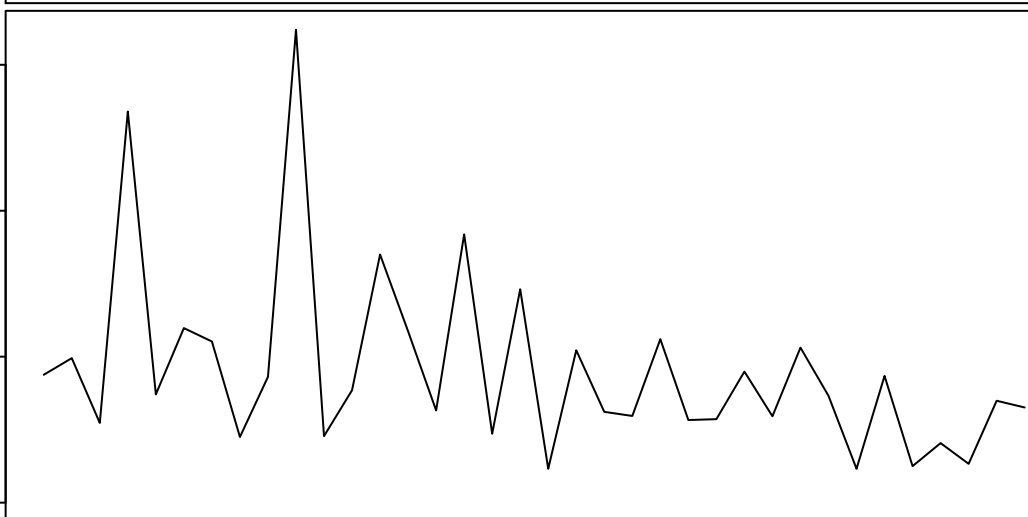
0 1000 2000 3000 4000 5000

Recruitment

1500000
1000000
500000
0



1500000
1000000
500000
0



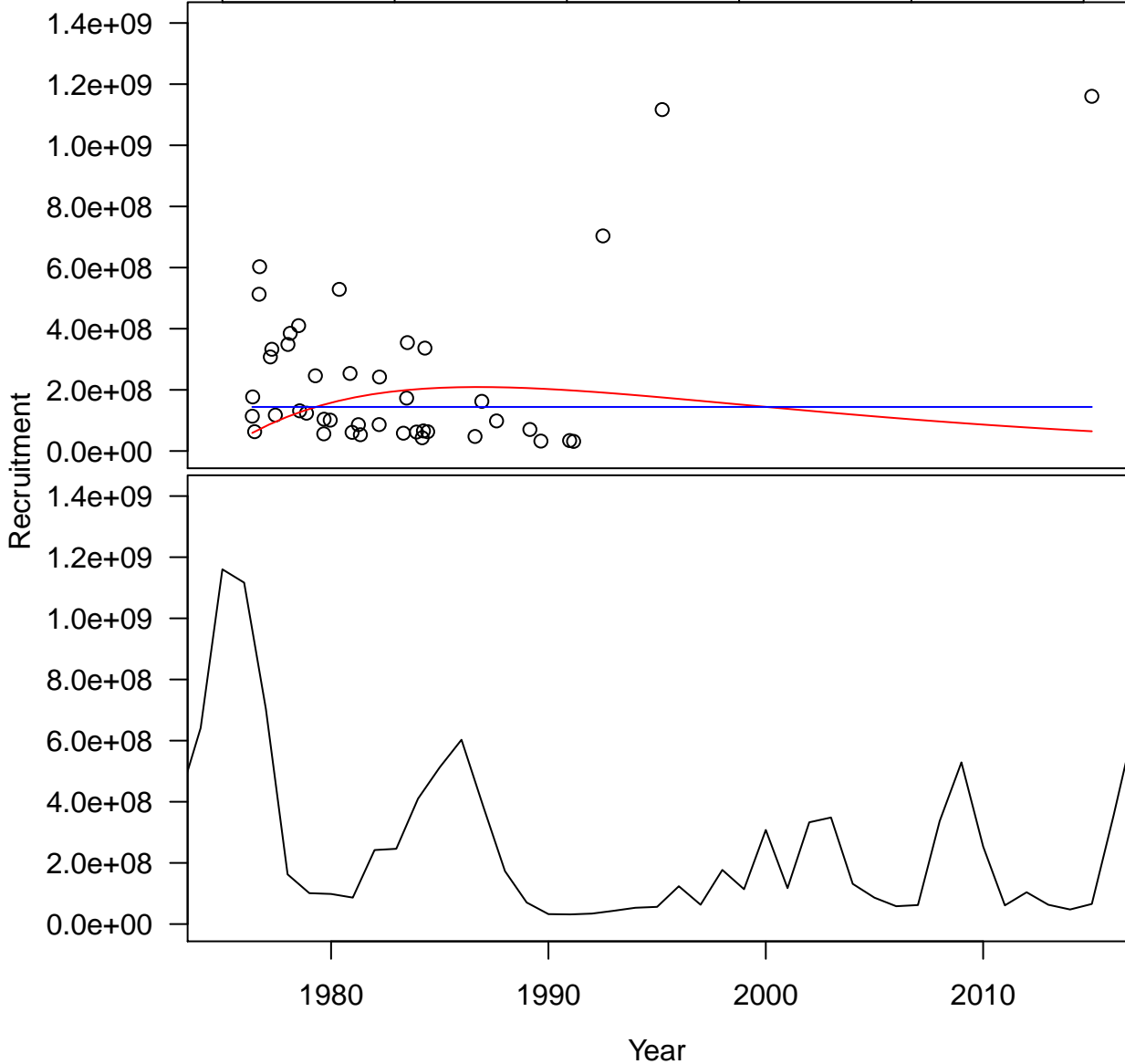
1975 1980 1985 1990 1995 2000 2005 2010

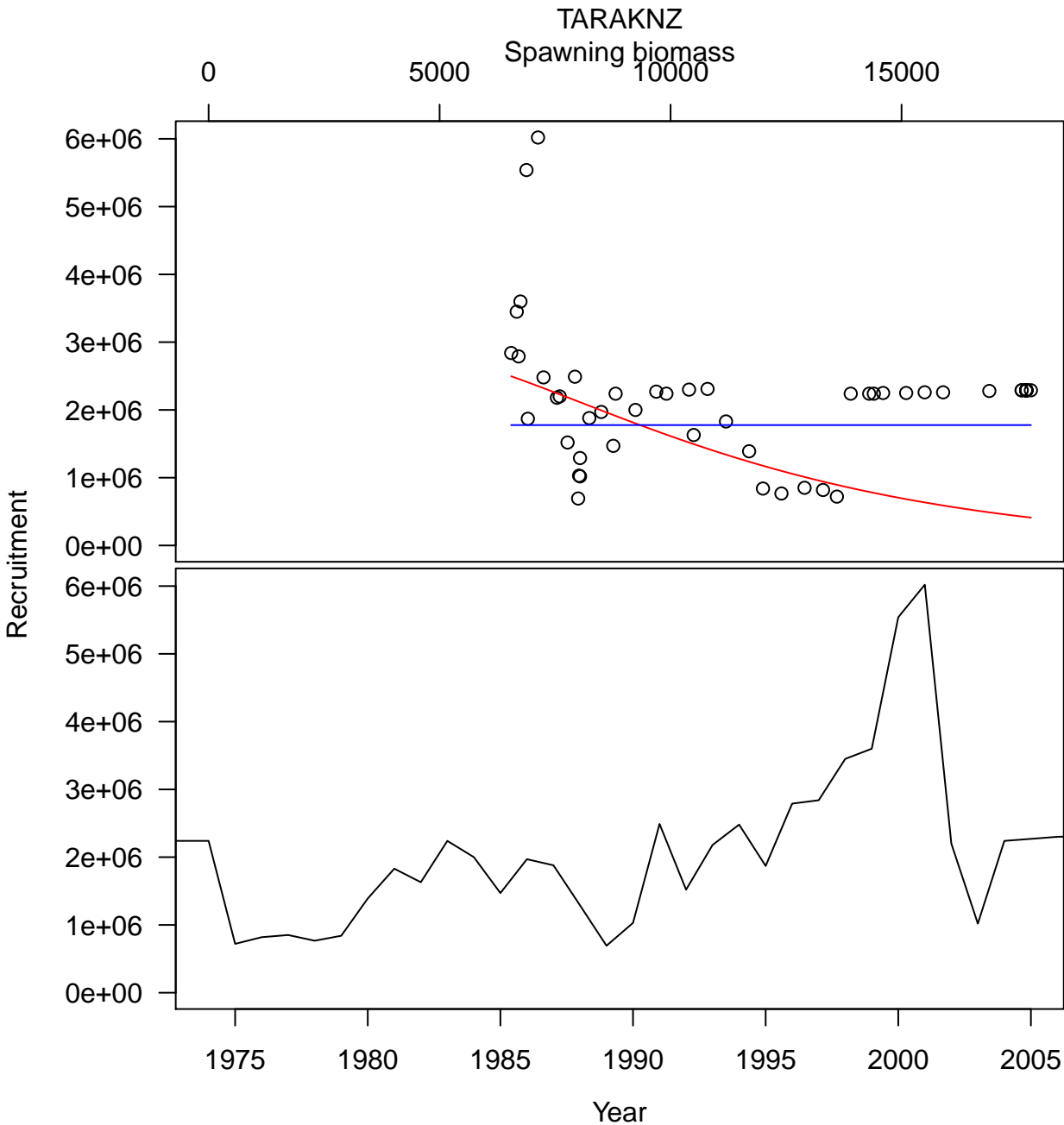
Year

TANNERCRABBSAI

Spawning biomass

0 50000 100000 150000 200000 250000

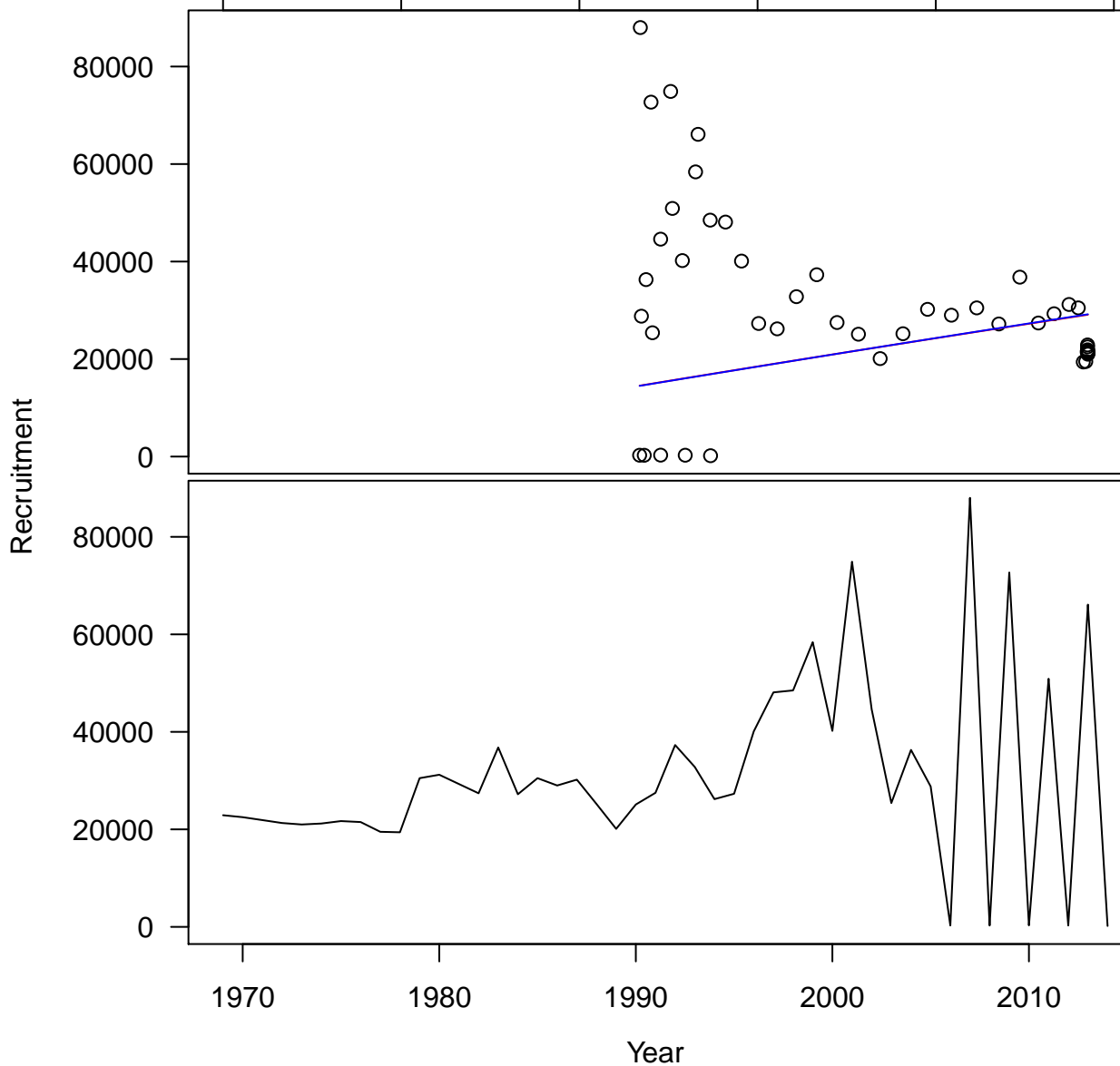


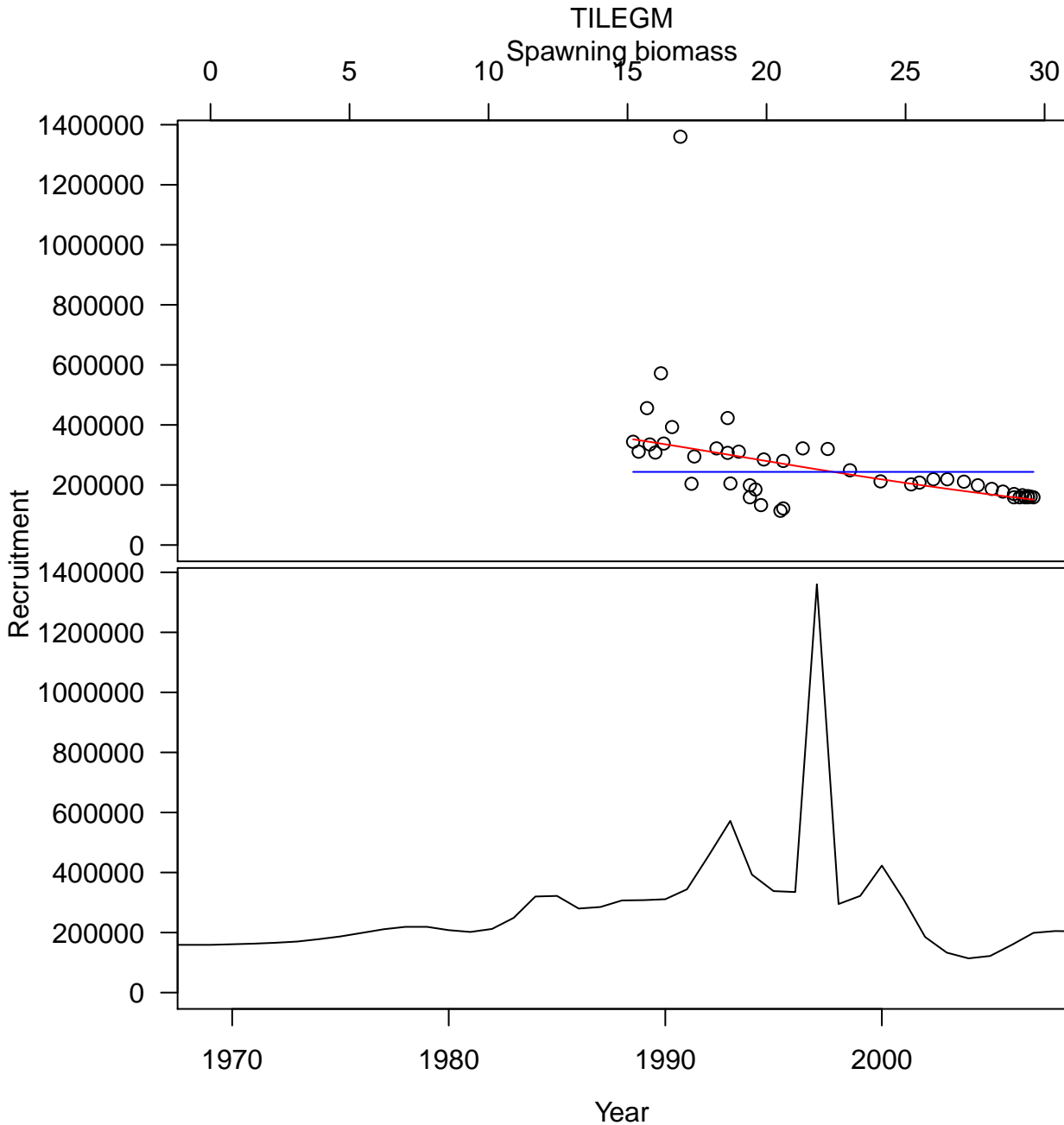


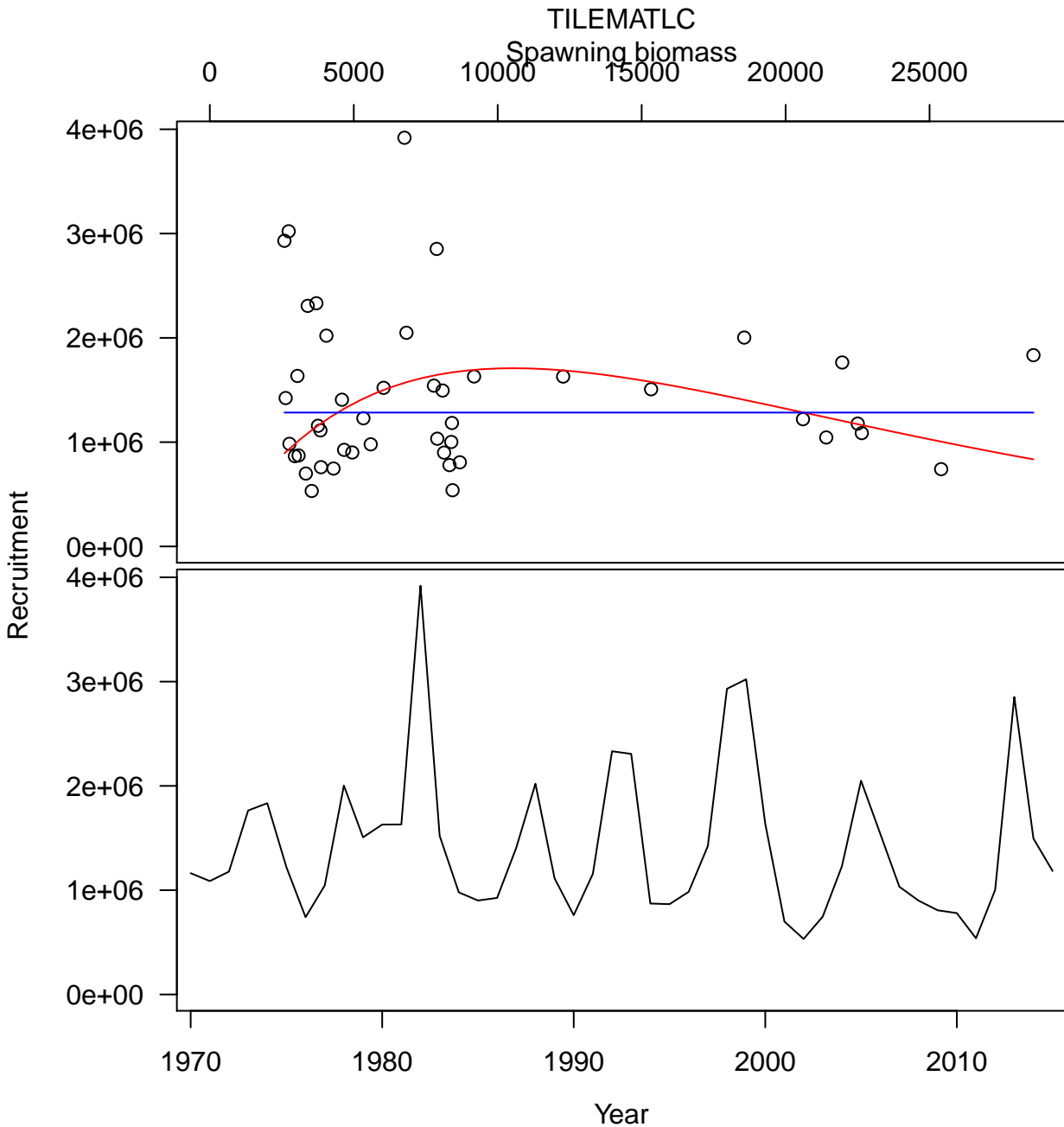
THRSHARNPAC

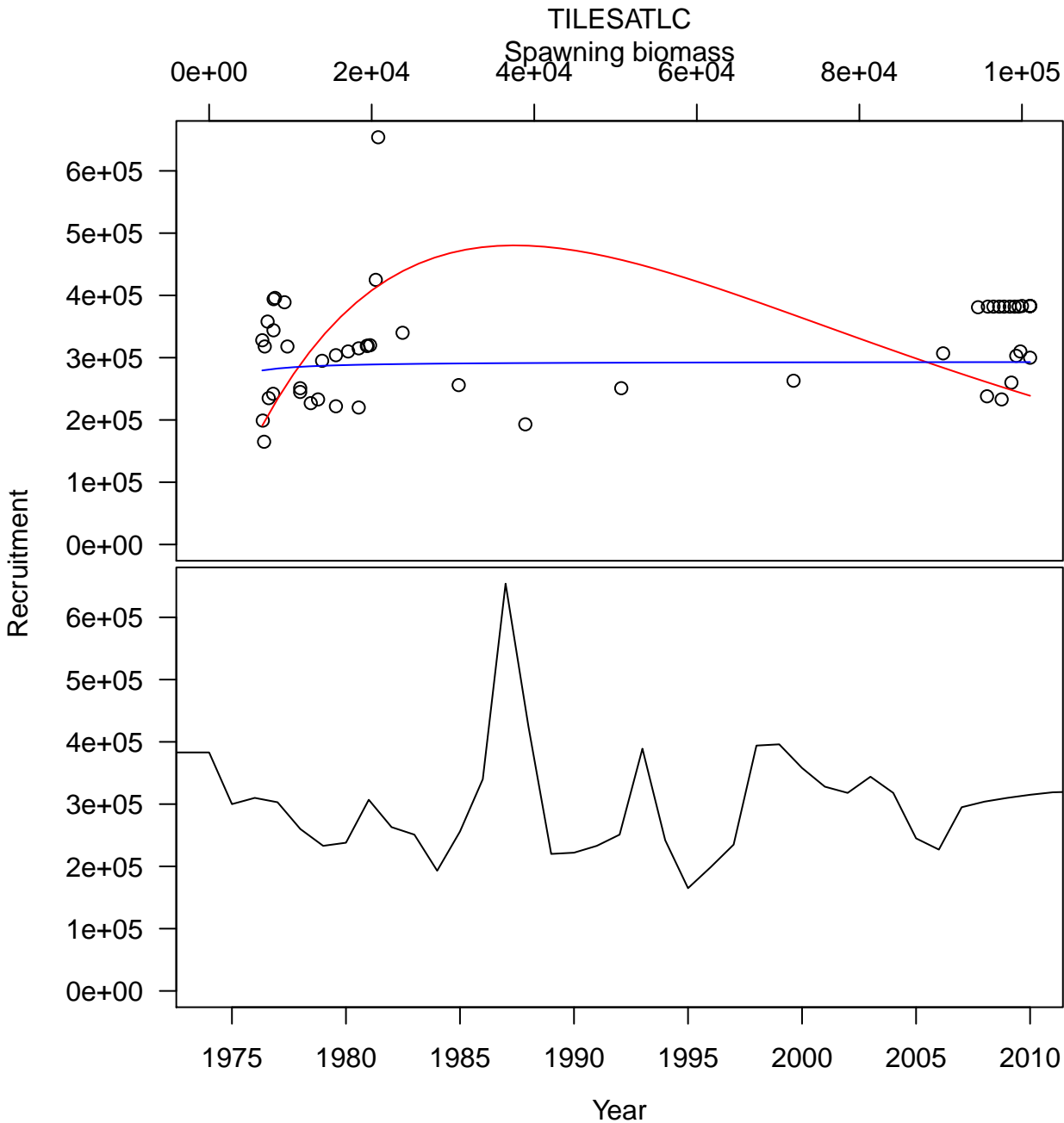
Spawning biomass

0 50000 100000 150000 200000 250000









TREVALLYTRE7

Spawning biomass

0

5000

10000

15000

20000

8e+06

6e+06

4e+06

2e+06

0e+00

Recruitment

8e+06

6e+06

4e+06

2e+06

0e+00

1970

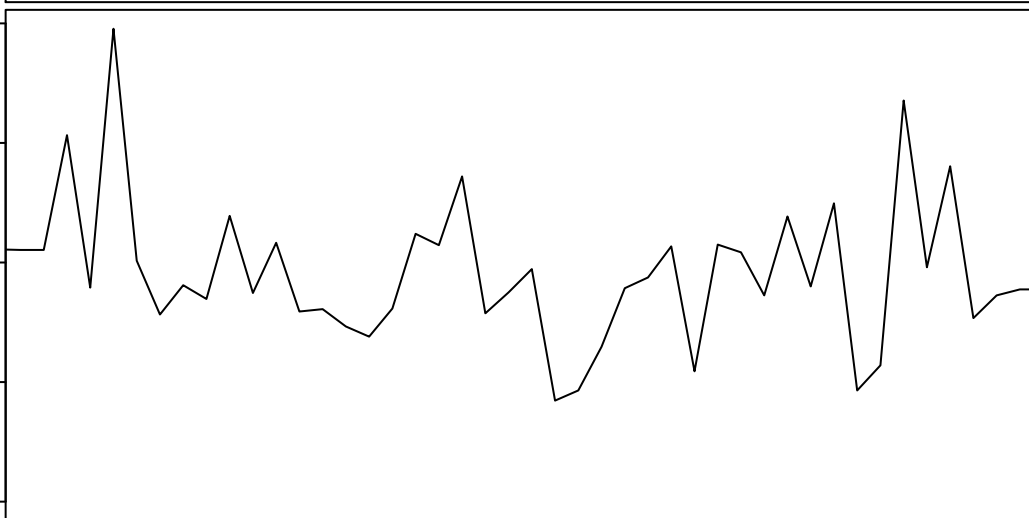
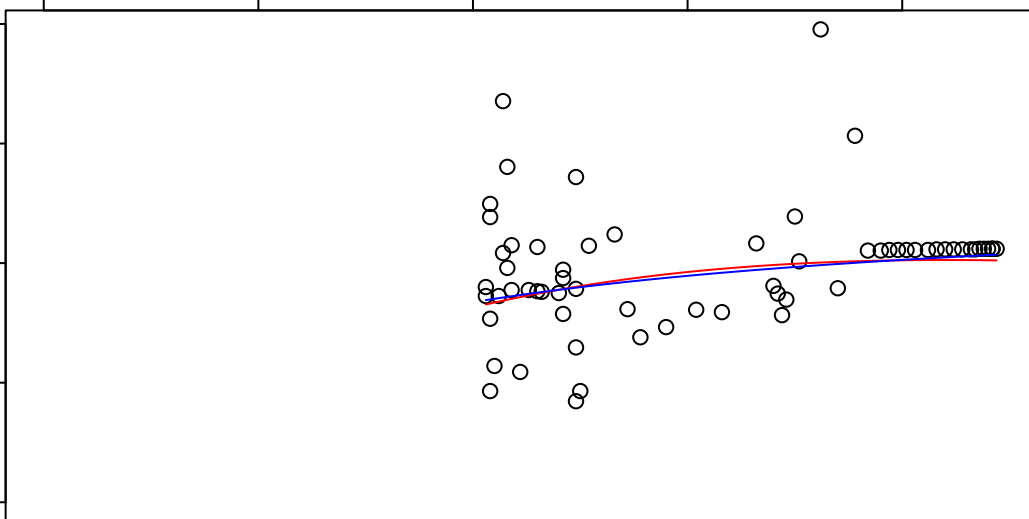
1980

1990

2000

2010

Year



TURBLKGSA29

Spawning biomass

0 2000 4000 6000 8000 10000

2000000

1500000

1000000

500000

0

Recruitment

2000000

1500000

1000000

500000

0

1950

1960

1970

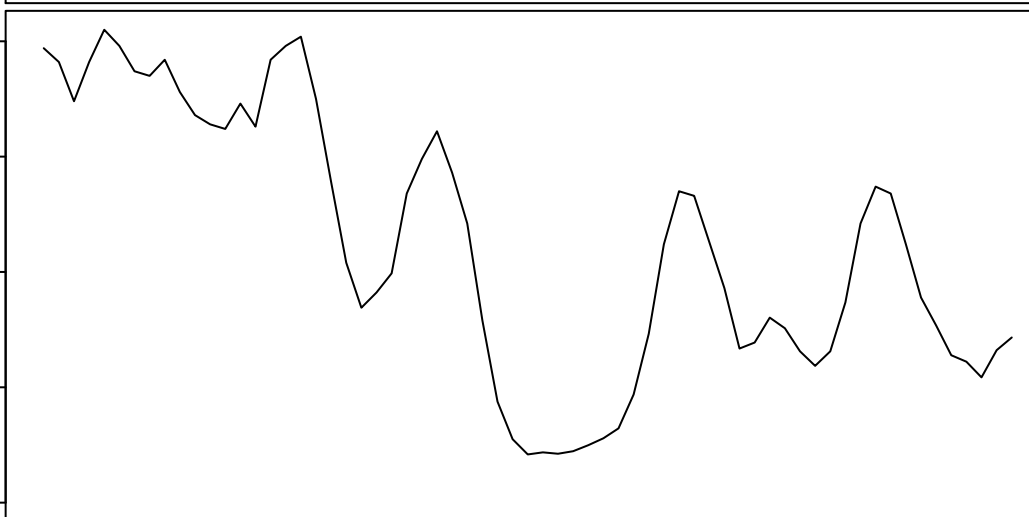
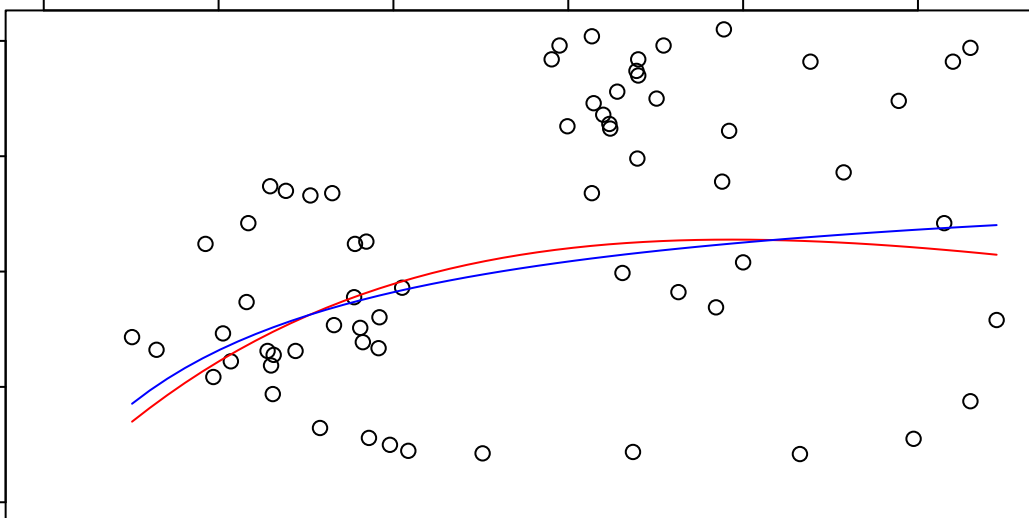
1980

1990

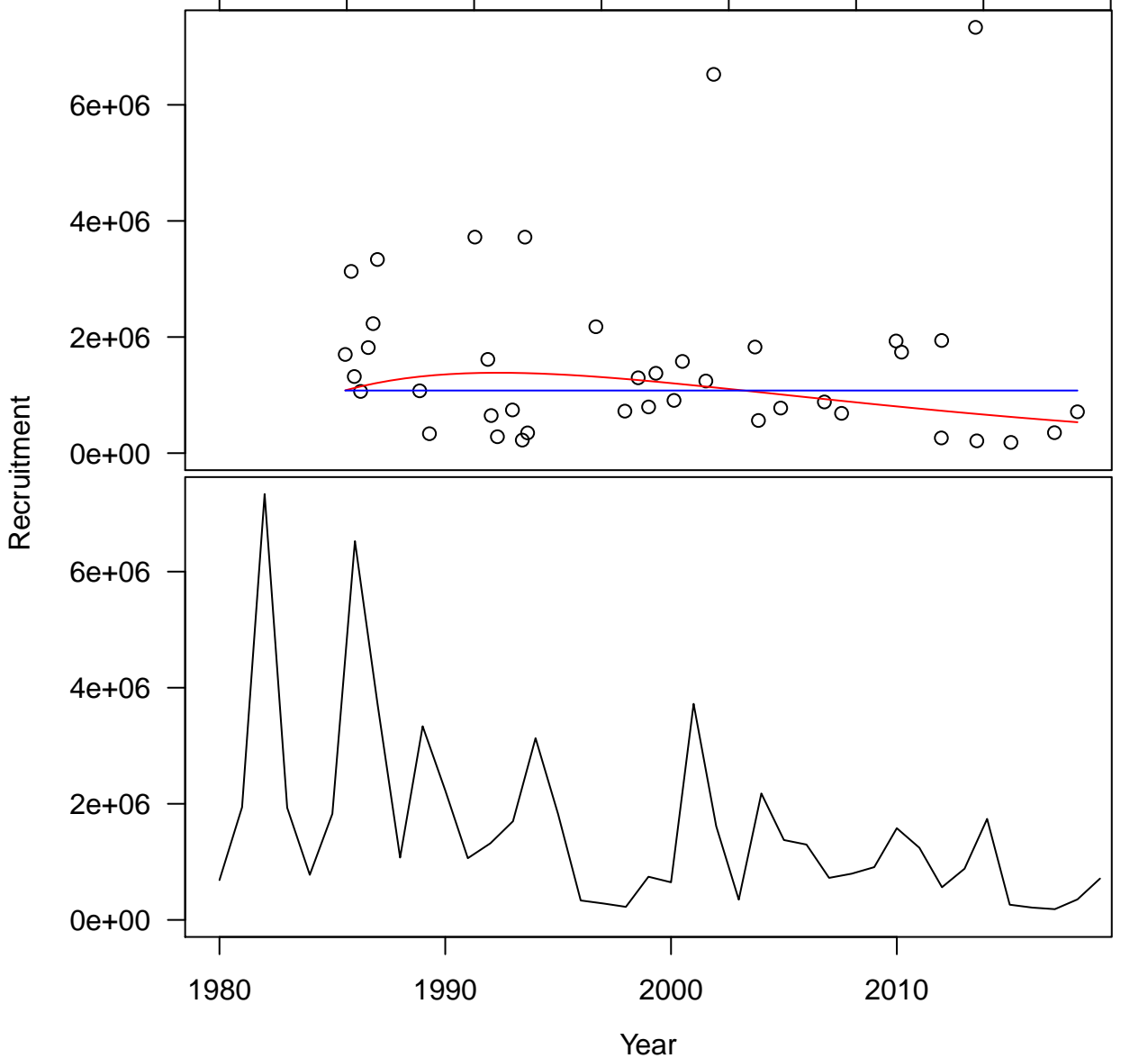
2000

2010

Year

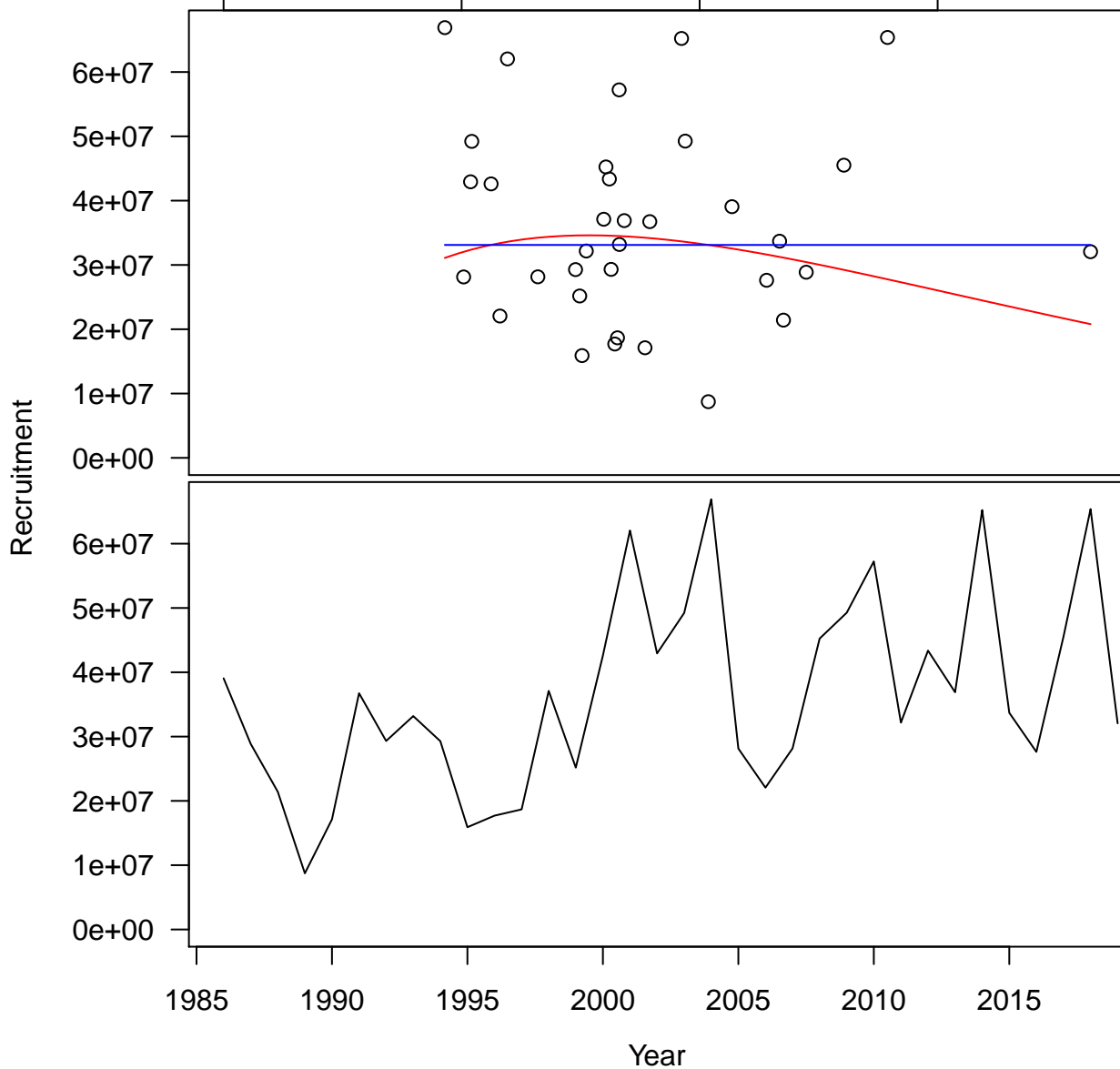


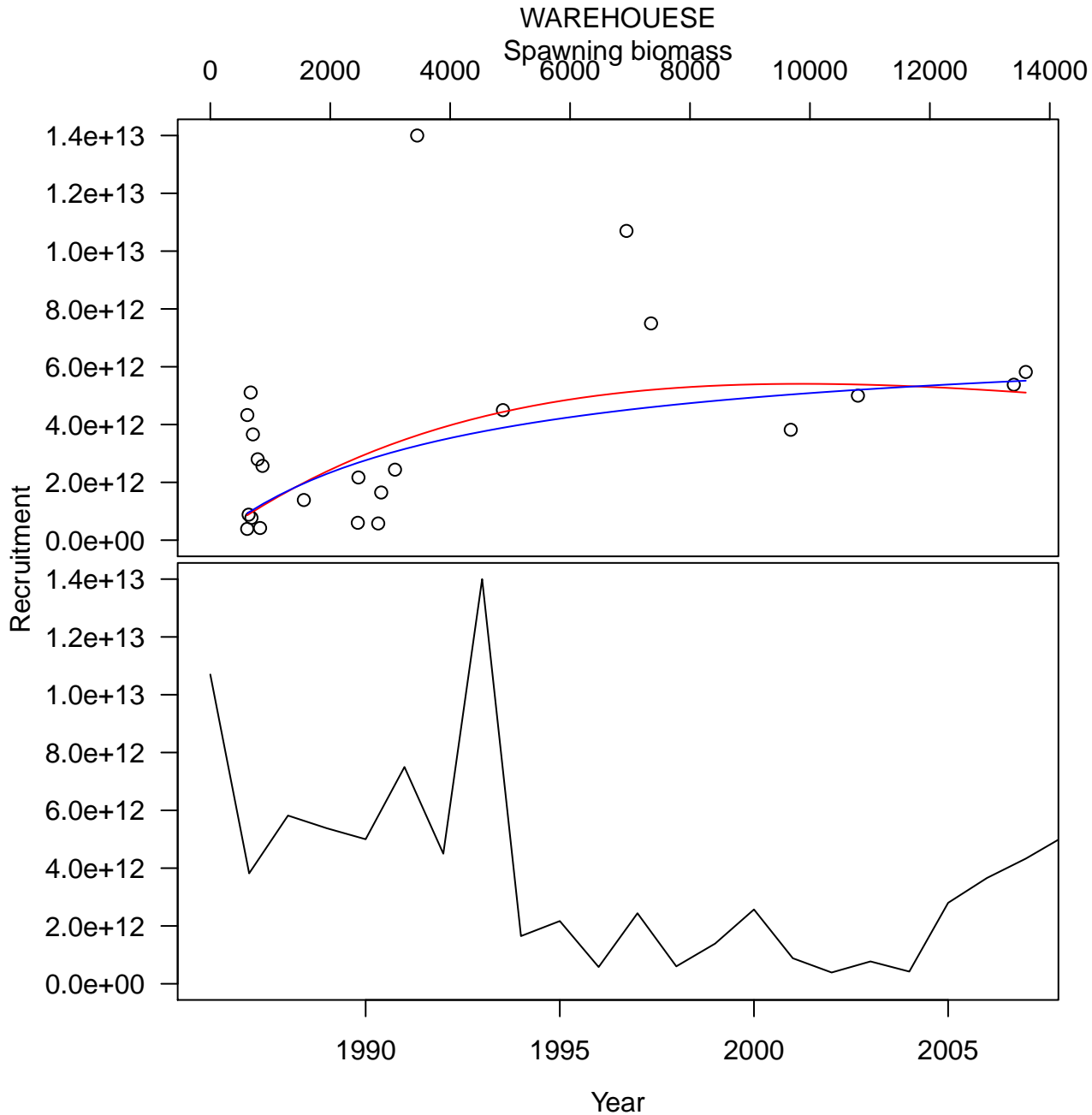
WANGLVIIIc.IXa
Spawning biomass



WANGLVII.VIIIabd
Spawning biomass

0 20000 40000 60000





WAREHOUSE
Spawning biomass

0 1000 2000 3000 4000

Recruitment

$6e+12$

$4e+12$

$2e+12$

$0e+00$

$6e+12$

$4e+12$

$2e+12$

$0e+00$

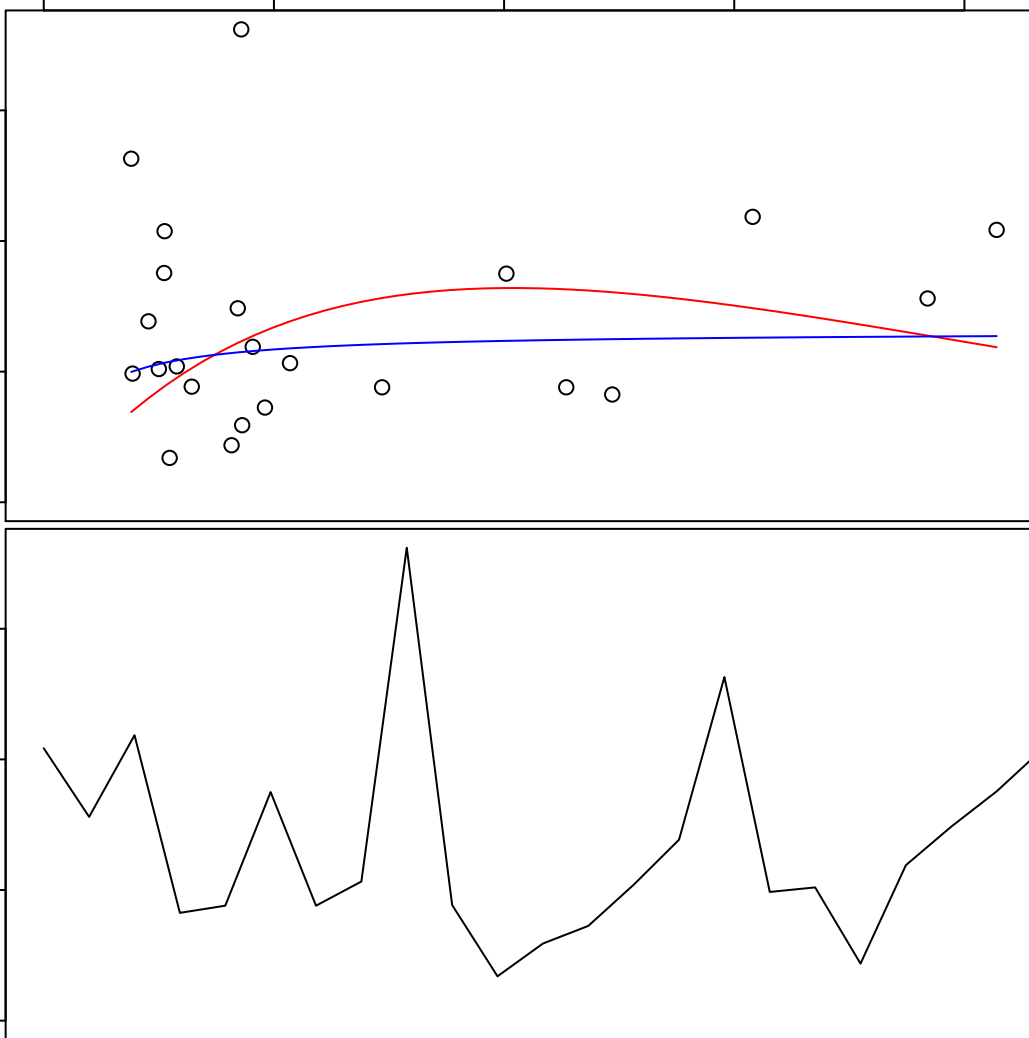
1990

1995

2000

2005

Year



WHAKE4T

Spawning biomass

0 10000 20000 30000 40000 50000 60000

1.2e+08

1.0e+08

8.0e+07

6.0e+07

4.0e+07

2.0e+07

0.0e+00

Recruitment

1.2e+08

1.0e+08

8.0e+07

6.0e+07

4.0e+07

2.0e+07

0.0e+00

1980

1985

1990

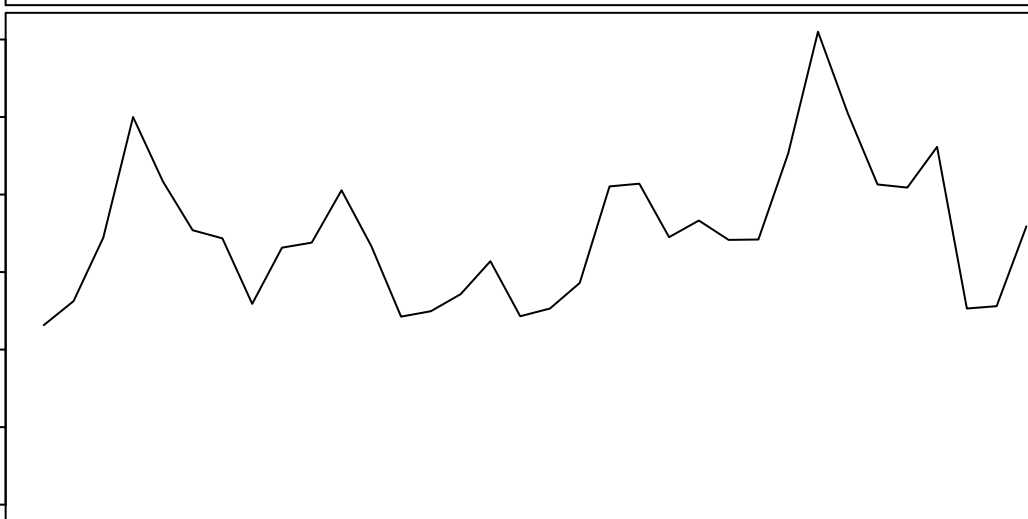
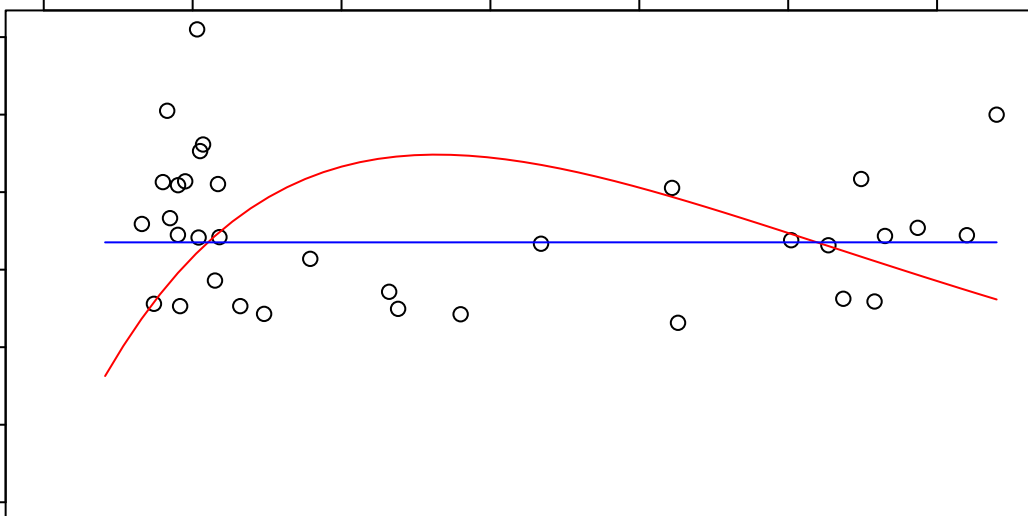
1995

2000

2005

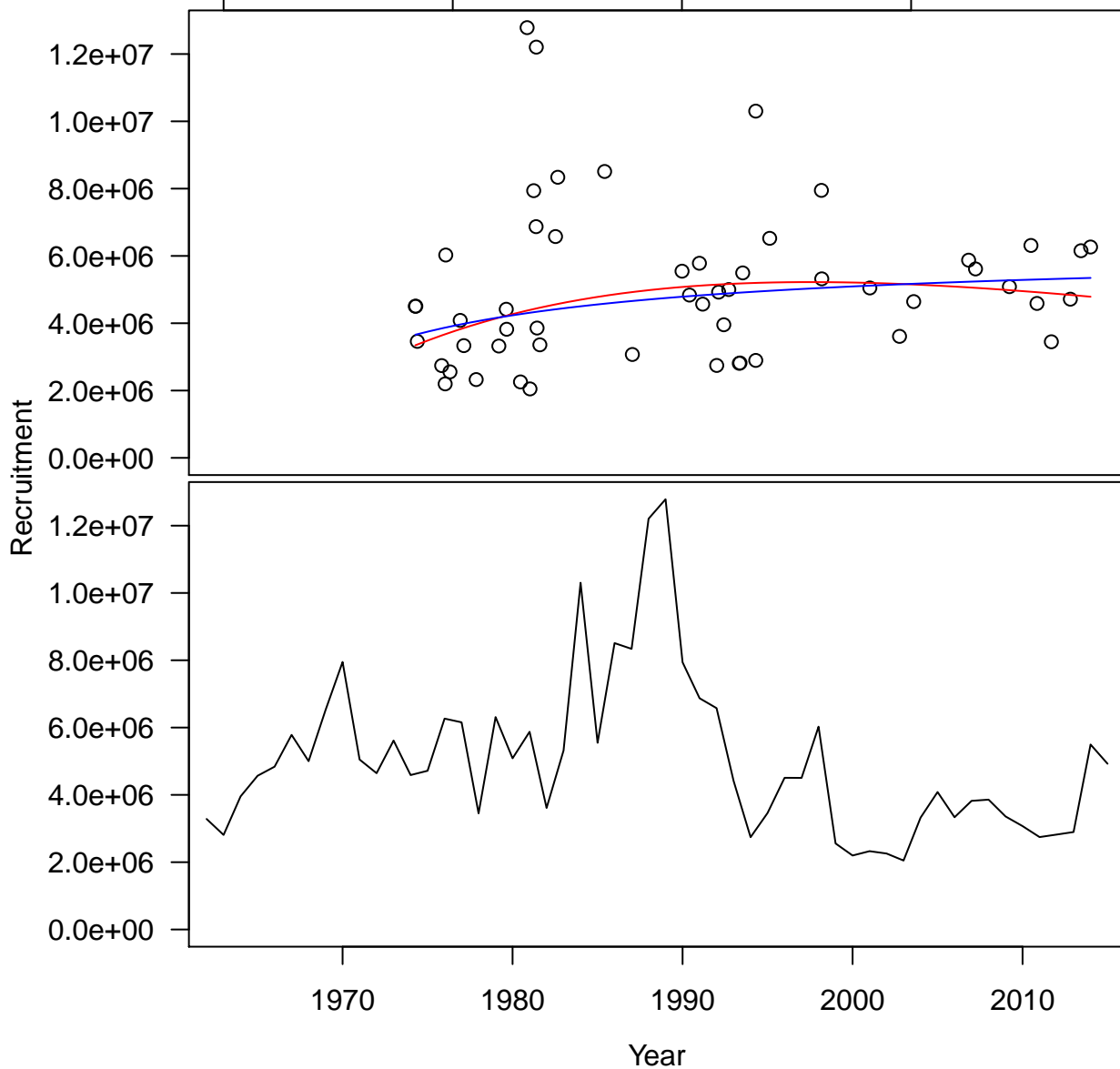
2010

Year



WHAKEGBGOM
Spawning biomass

0 10000 20000 30000



WHITMEDGSA29

Spawning biomass

0

5000

10000

15000

20000

1.4e+09

1.2e+09

1.0e+09

8.0e+08

6.0e+08

4.0e+08

2.0e+08

0.0e+00

Recruitment

1.4e+09

1.2e+09

1.0e+09

8.0e+08

6.0e+08

4.0e+08

2.0e+08

0.0e+00

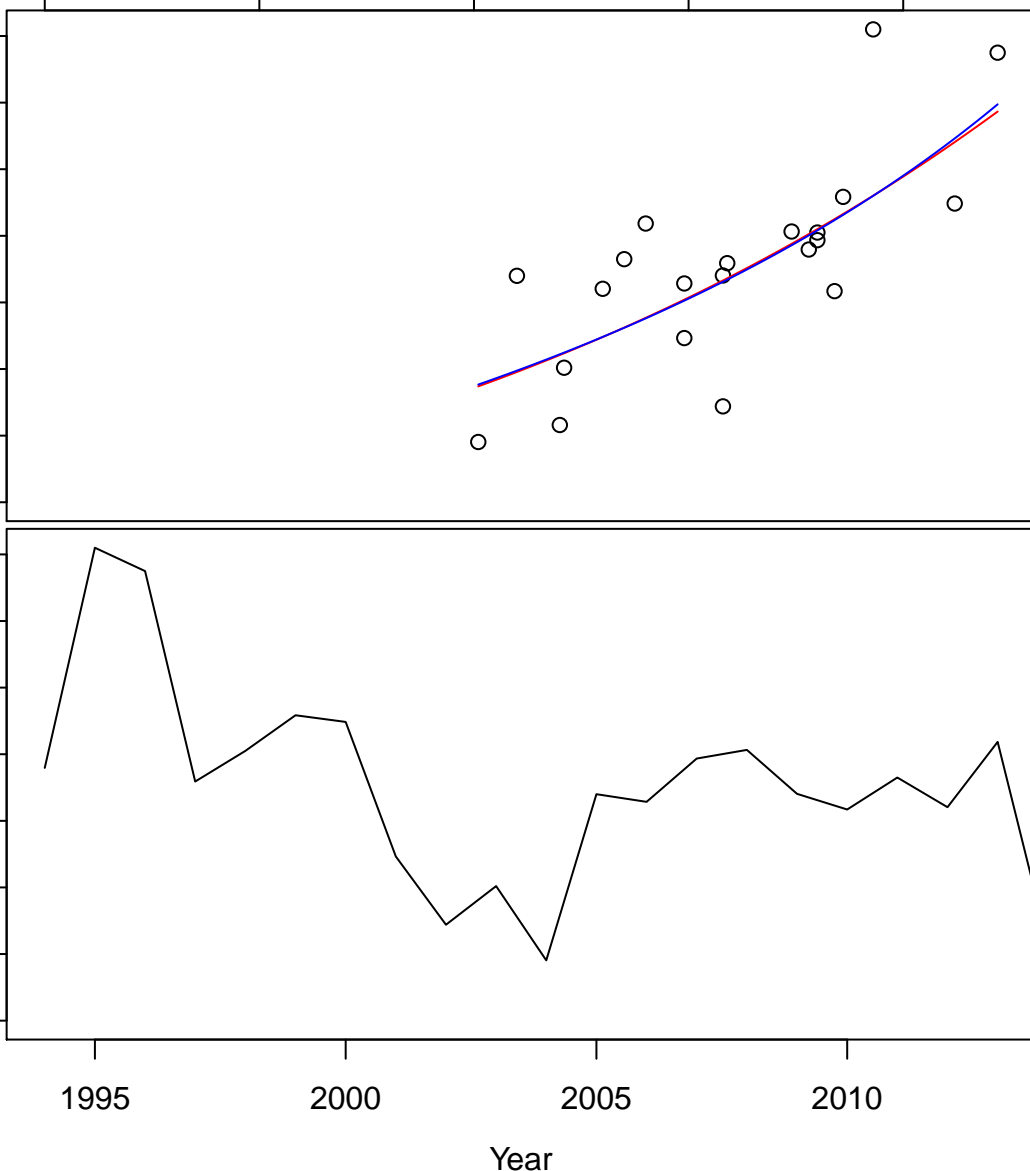
1995

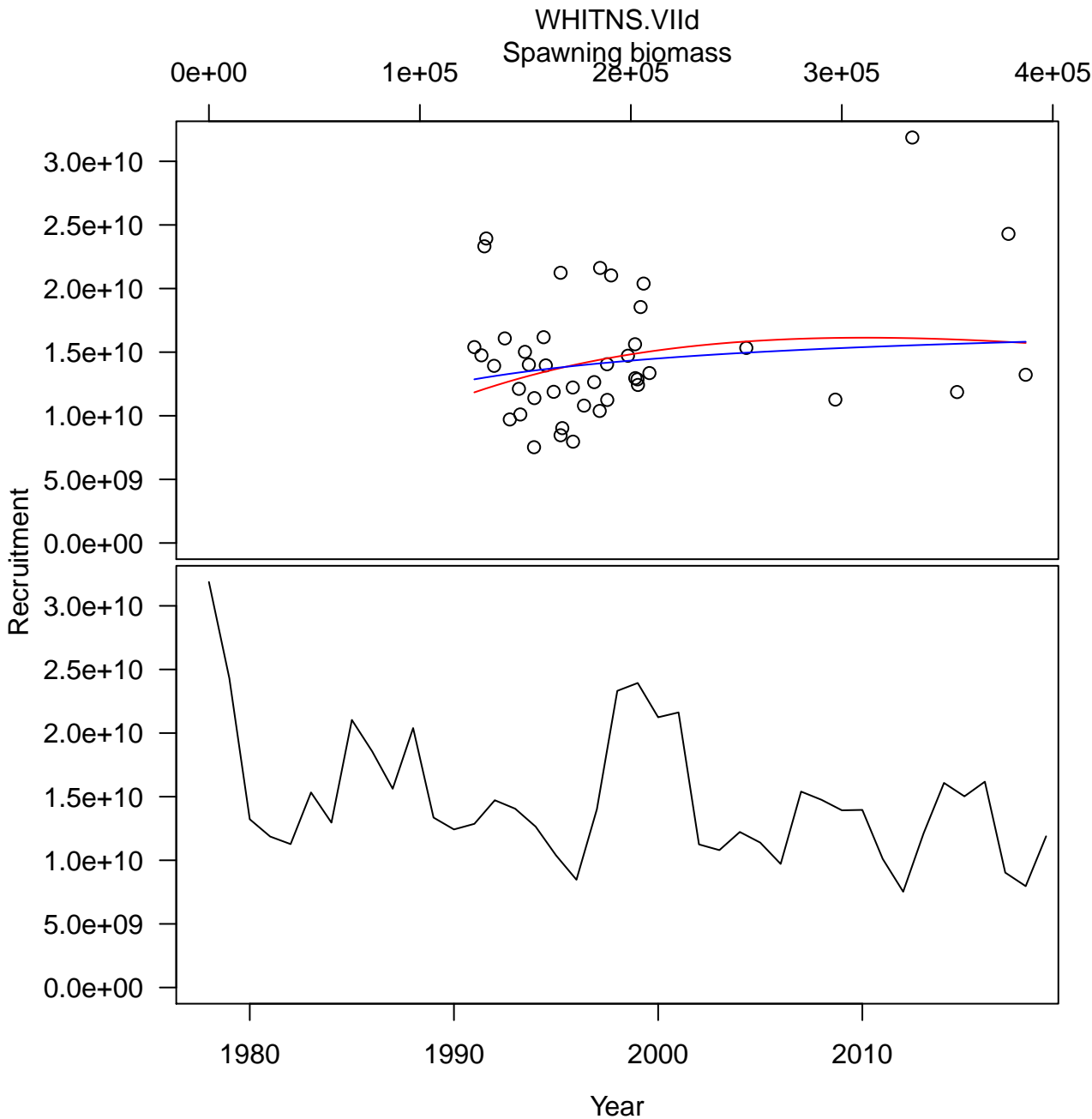
2000

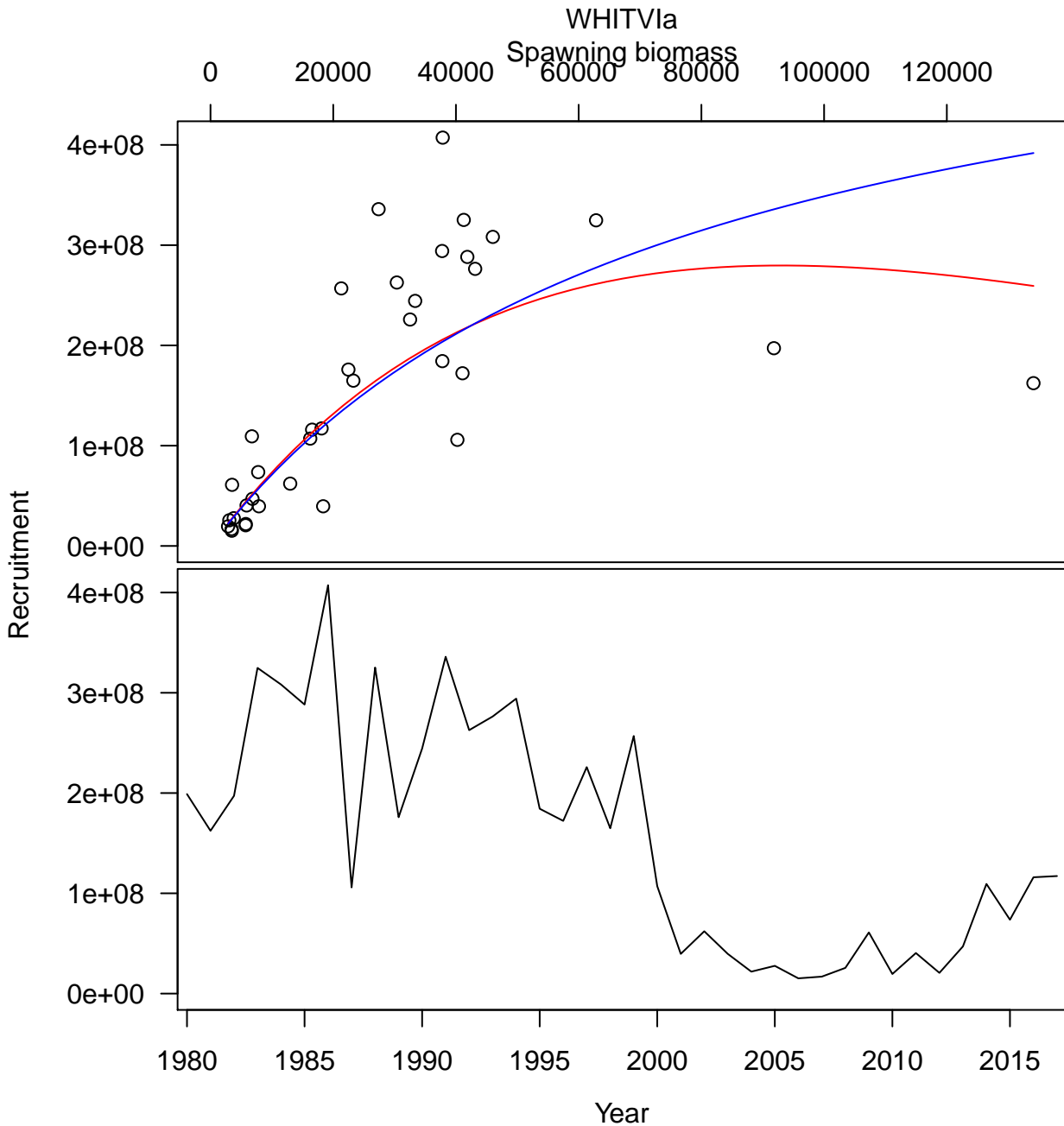
2005

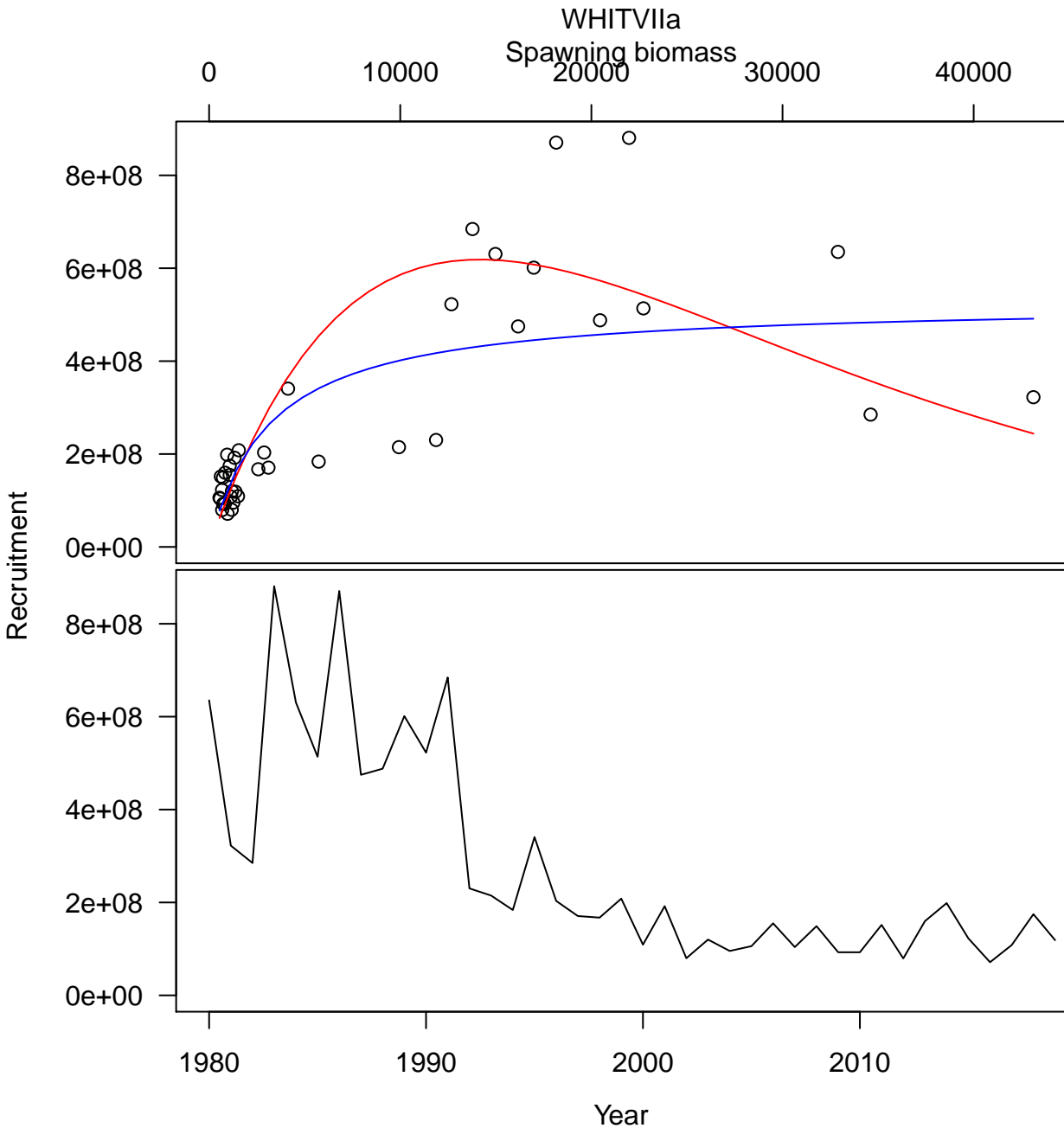
2010

Year









WINFLOUN4T

Spawning biomass

0e+00

1e+05

2e+05

3e+05

4e+05

5e+05

5e+06

4e+06

3e+06

2e+06

1e+06

0e+00

Recruitment

5e+06

4e+06

3e+06

2e+06

1e+06

0e+00

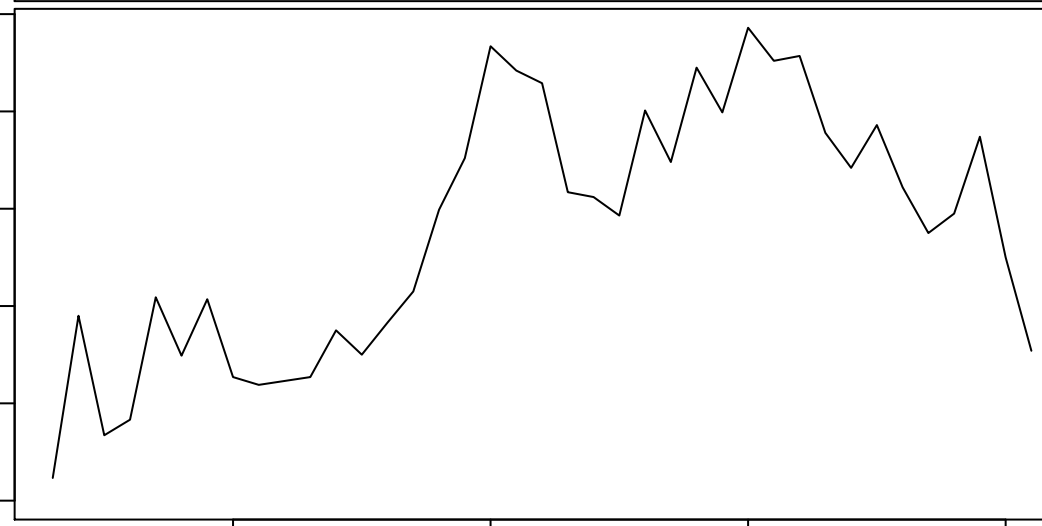
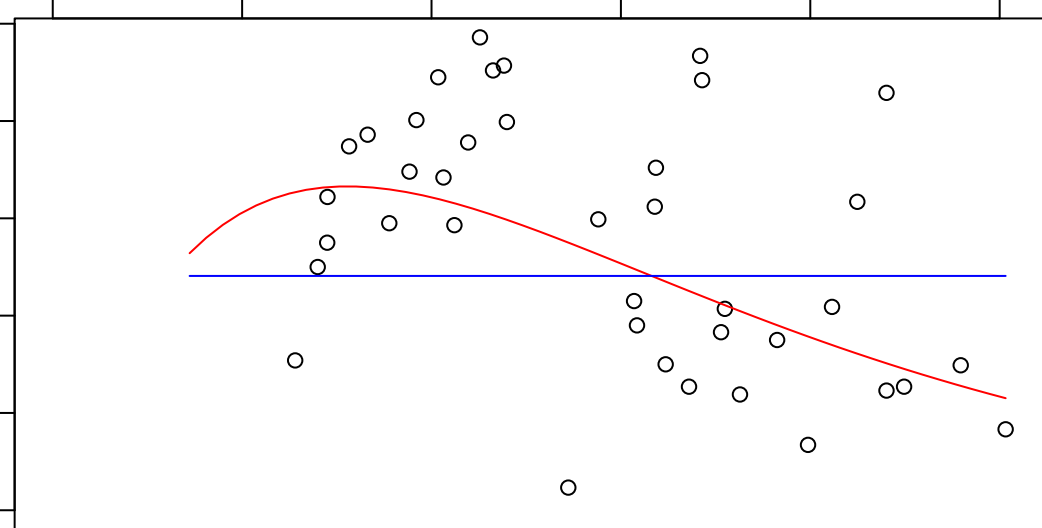
1980

1990

2000

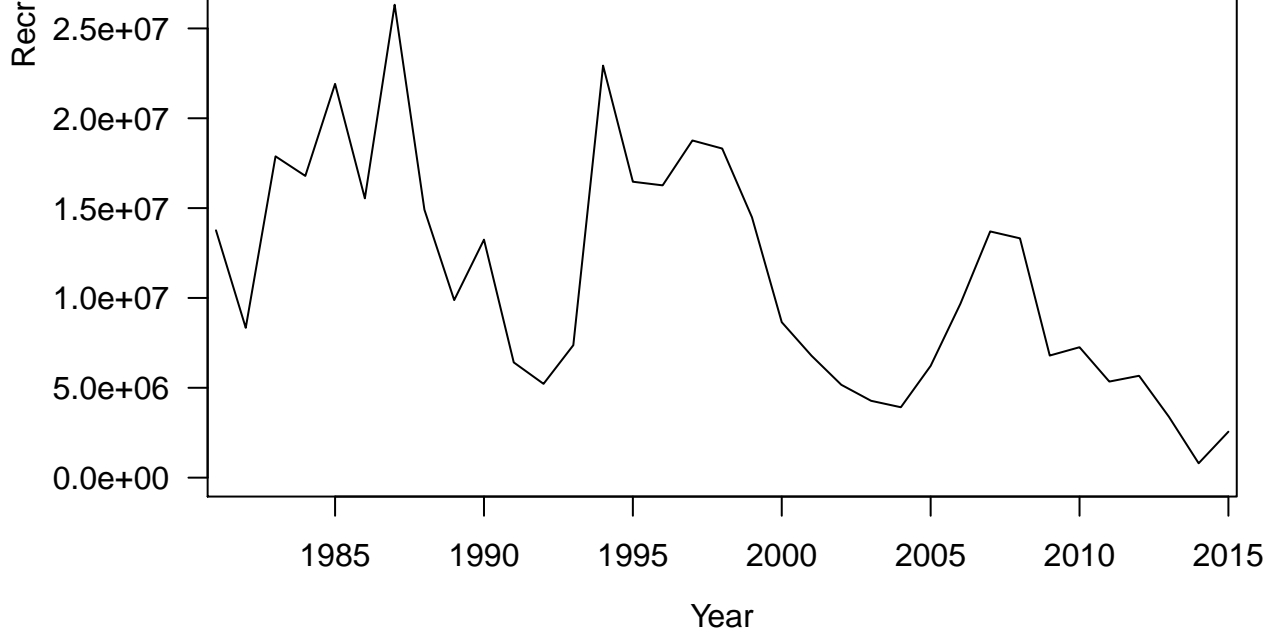
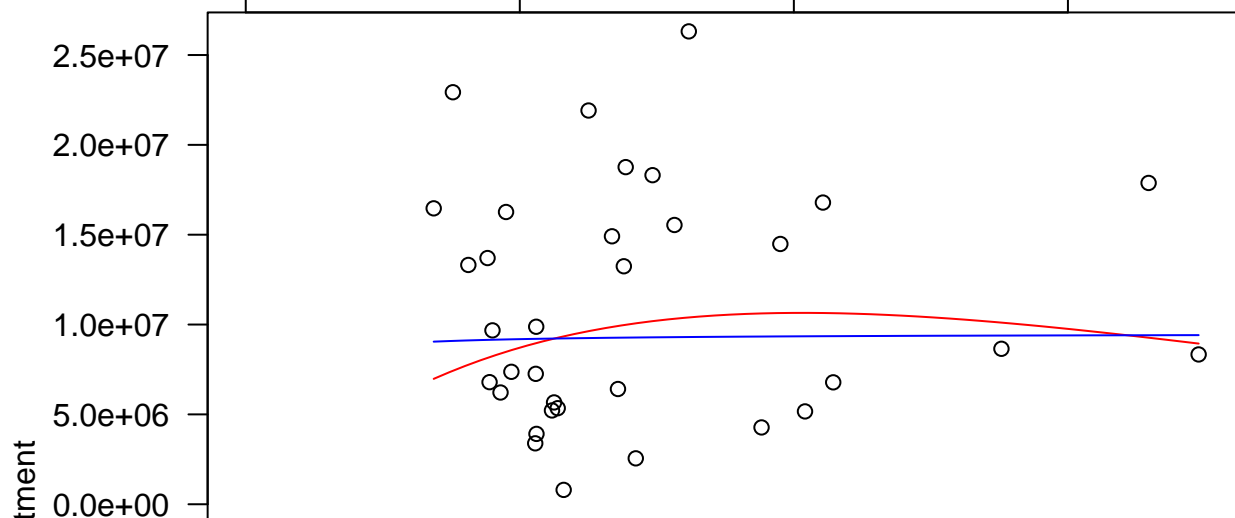
2010

Year



WINFLOUN5Z
Spawning biomass

0 5000 10000 15000



WINFLOUNSNEMATL

Spawning biomass

0

5000

10000

15000

20000

7e+07

6e+07

5e+07

4e+07

3e+07

2e+07

1e+07

0e+00

Recruitment

7e+07

6e+07

5e+07

4e+07

3e+07

2e+07

1e+07

0e+00

1980

1985

1990

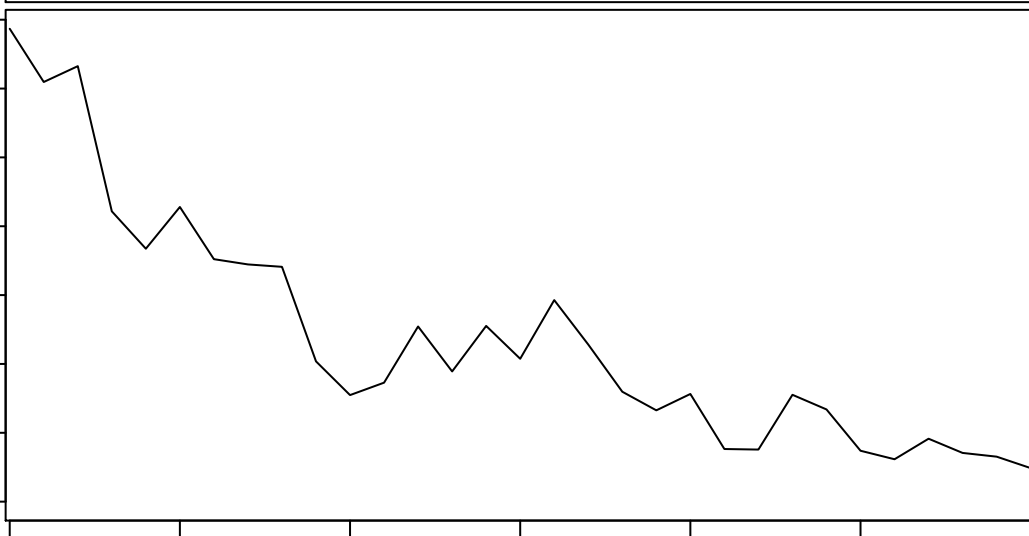
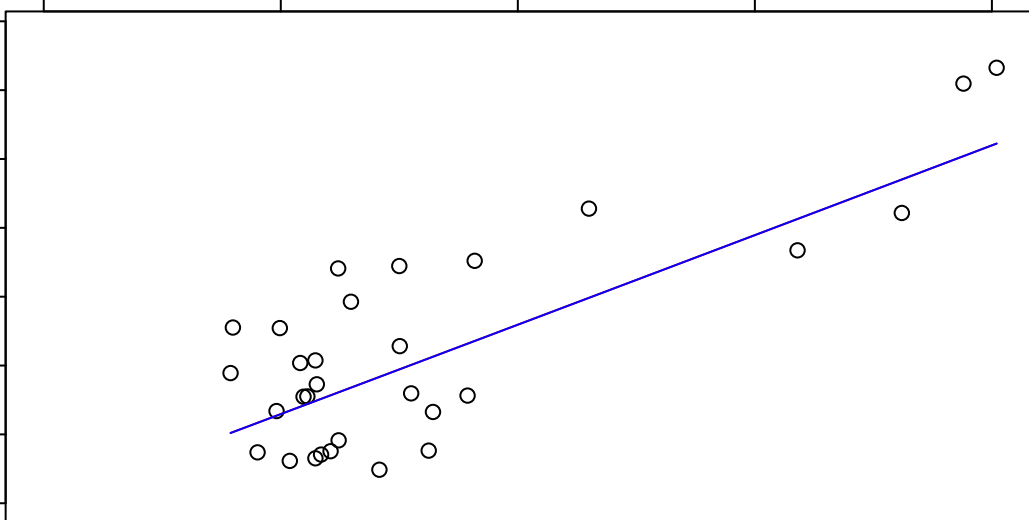
1995

2000

2005

2010

Year



WITFLOUN4RST

Spawning biomass

0 10000 20000 30000 40000 50000

Recruitment

40000

30000

20000

10000

0

40000

30000

20000

10000

0

1990

1995

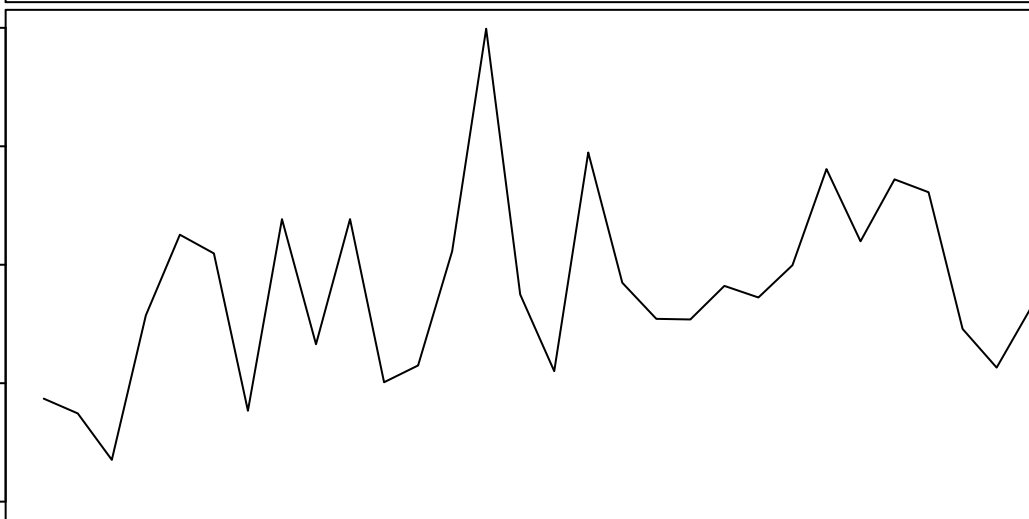
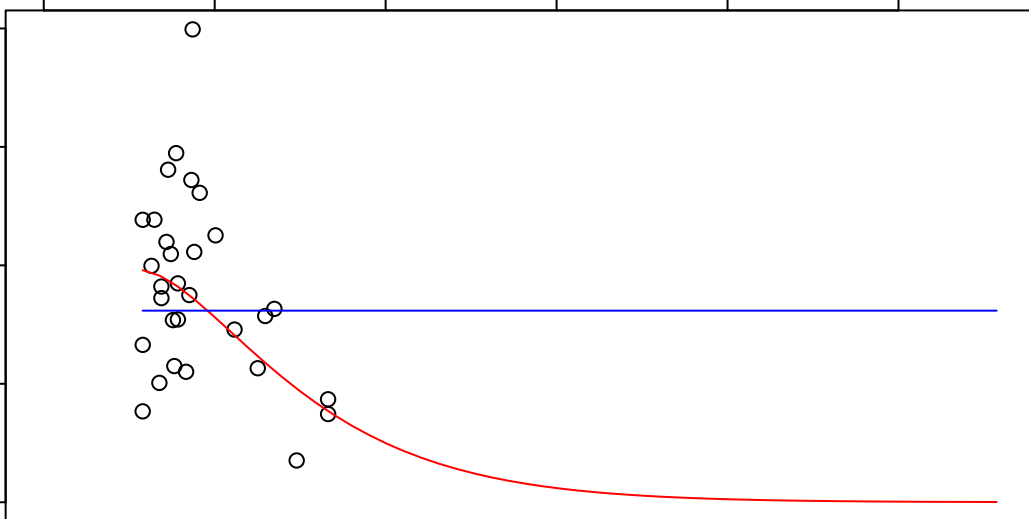
2000

2005

2010

2015

Year



WITFLOUN5Y
Spawning biomass

0

5000

10000

15000

Recruitment

1.5e+07

1.0e+07

5.0e+06

0.0e+00

1.5e+07

1.0e+07

5.0e+06

0.0e+00

1985

1990

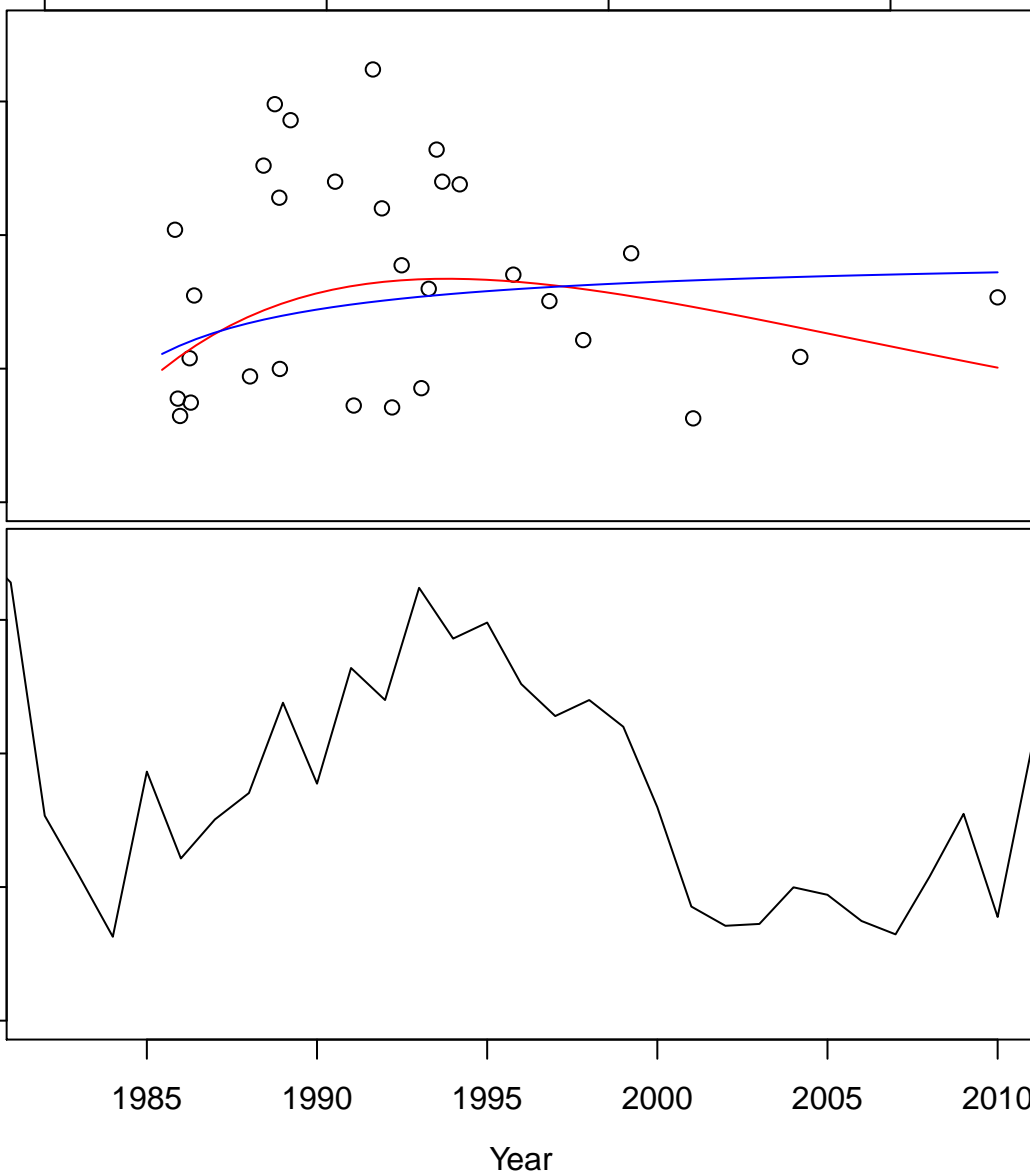
1995

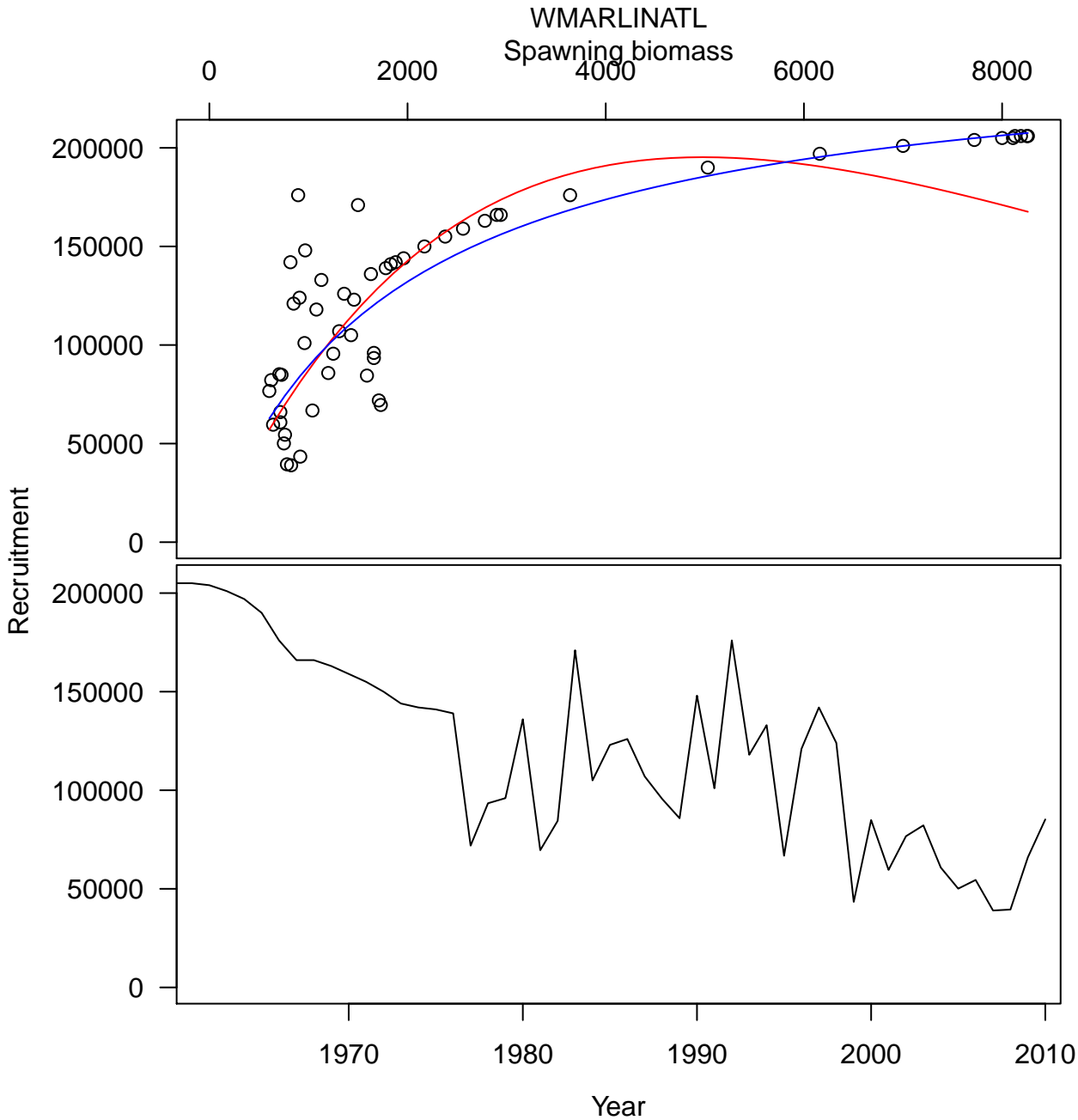
2000

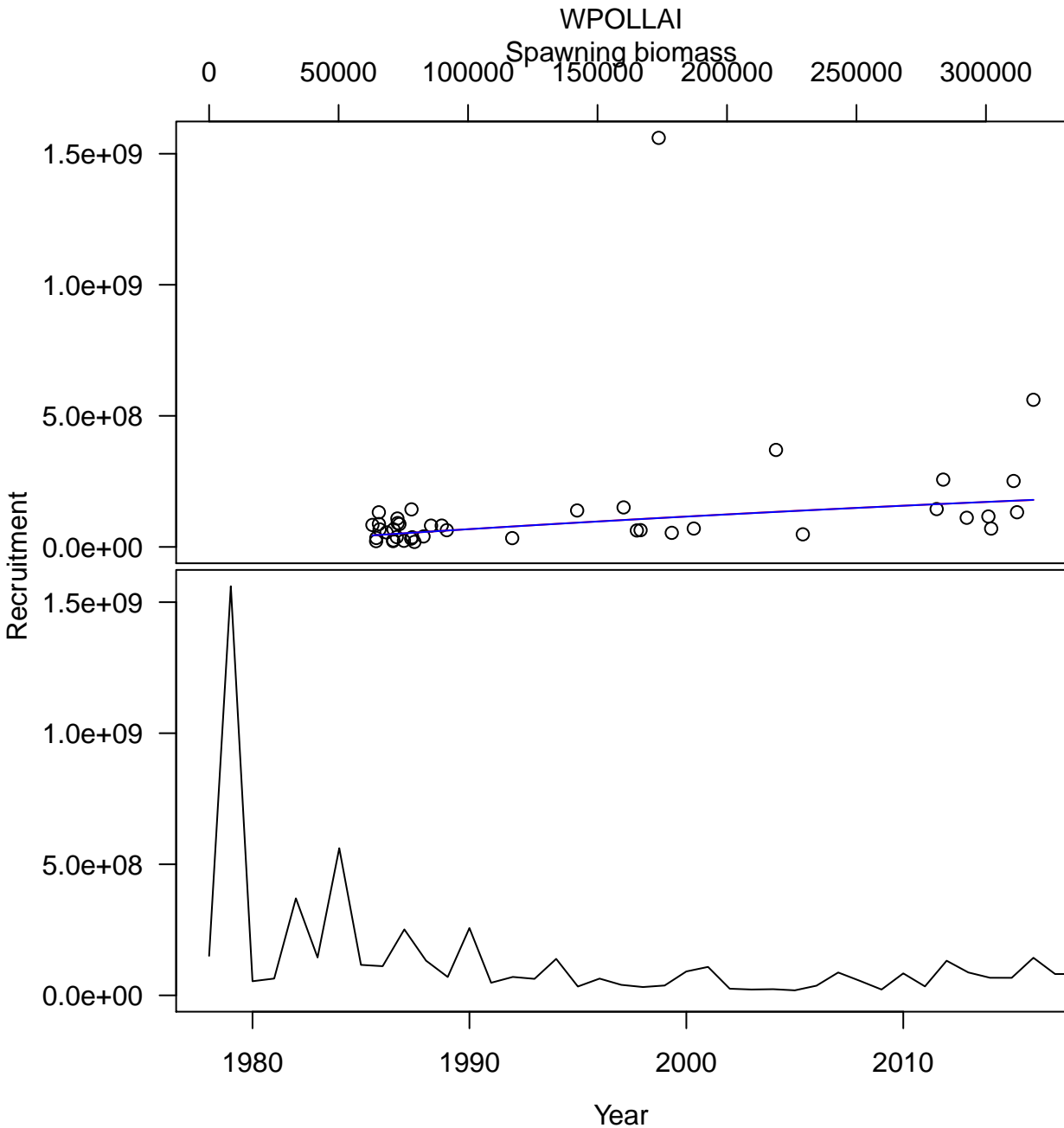
2005

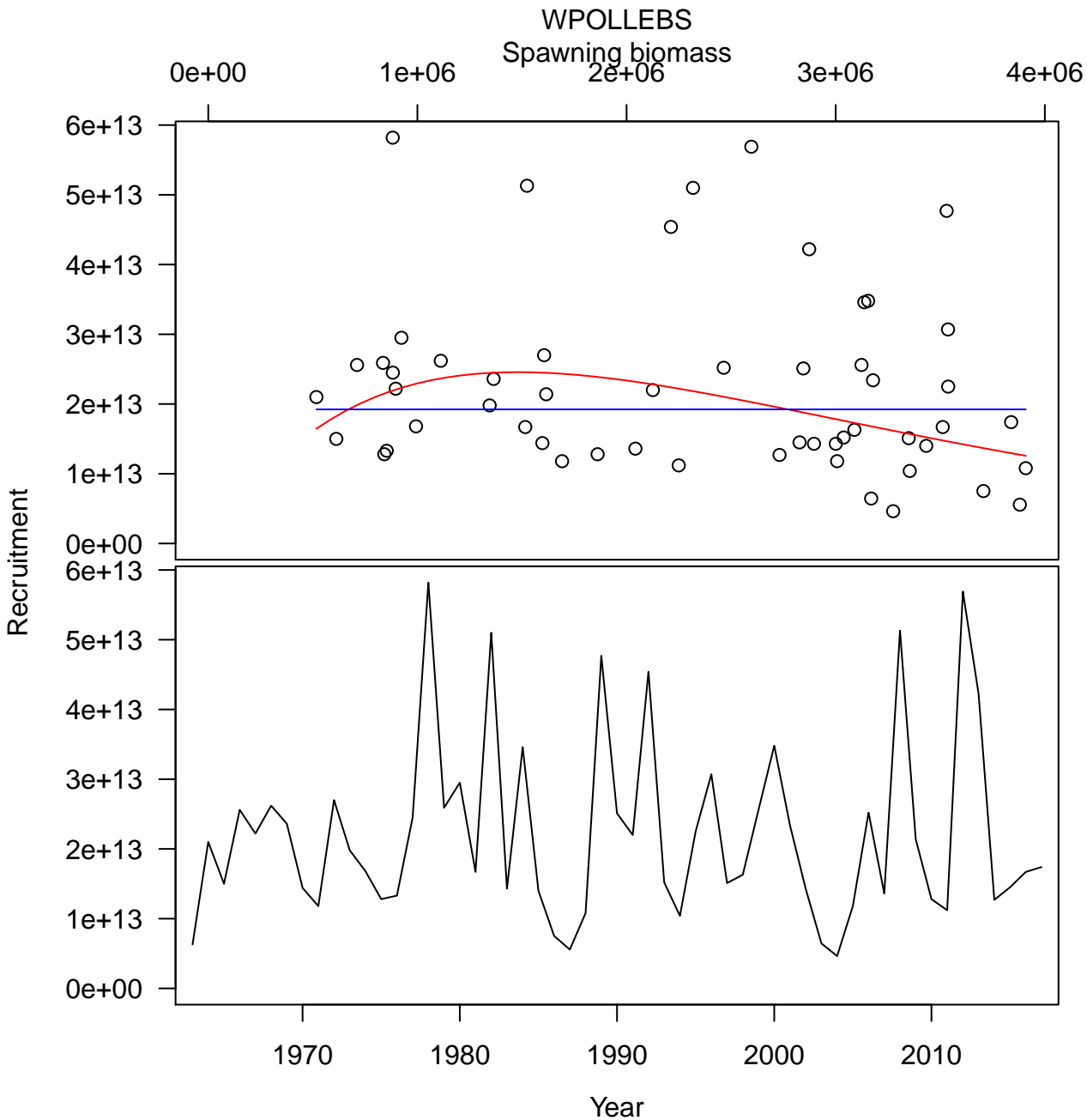
2010

Year









WPOLLGA

Spawning biomass

0e+00

1e+05

2e+05

3e+05

4e+05

5e+05

3e+10

2e+10

1e+10

0e+00

Recruitment

3e+10

2e+10

1e+10

0e+00

1970

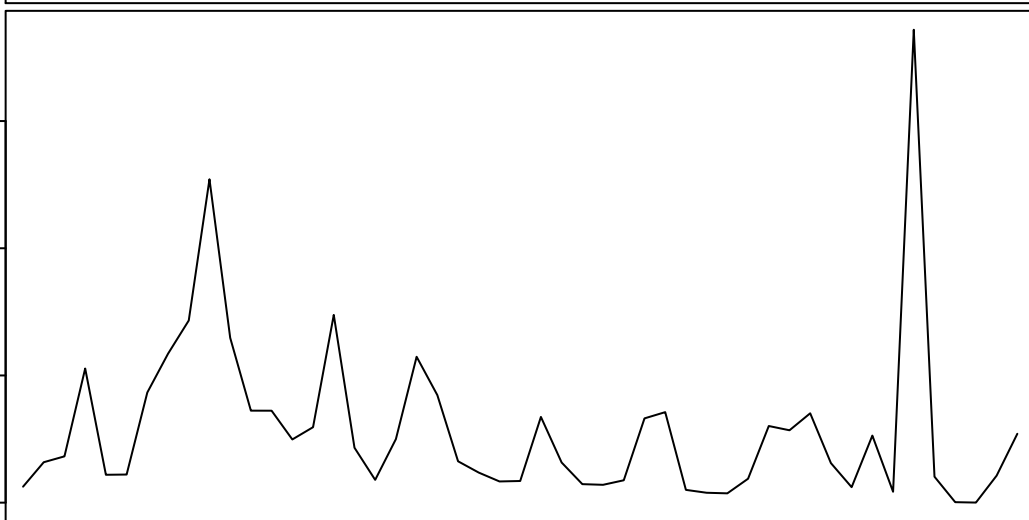
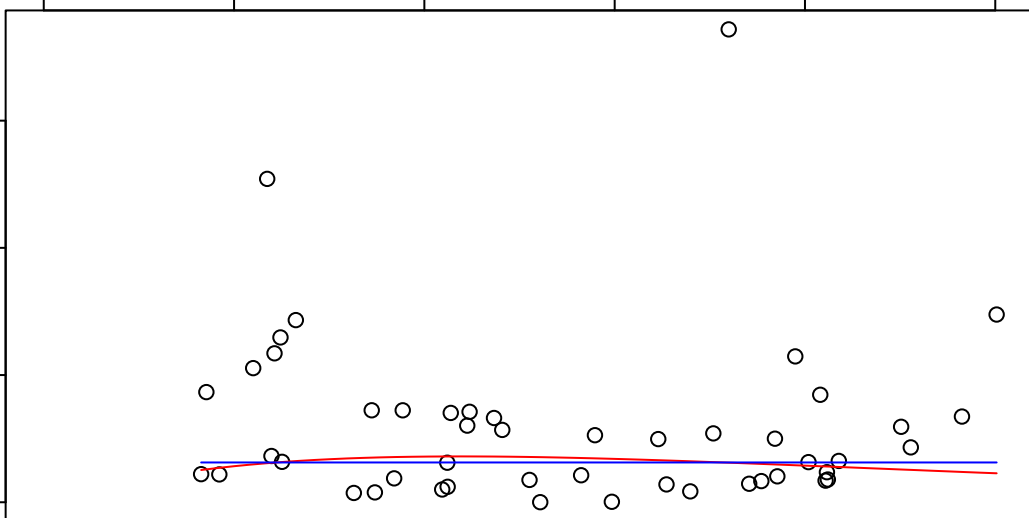
1980

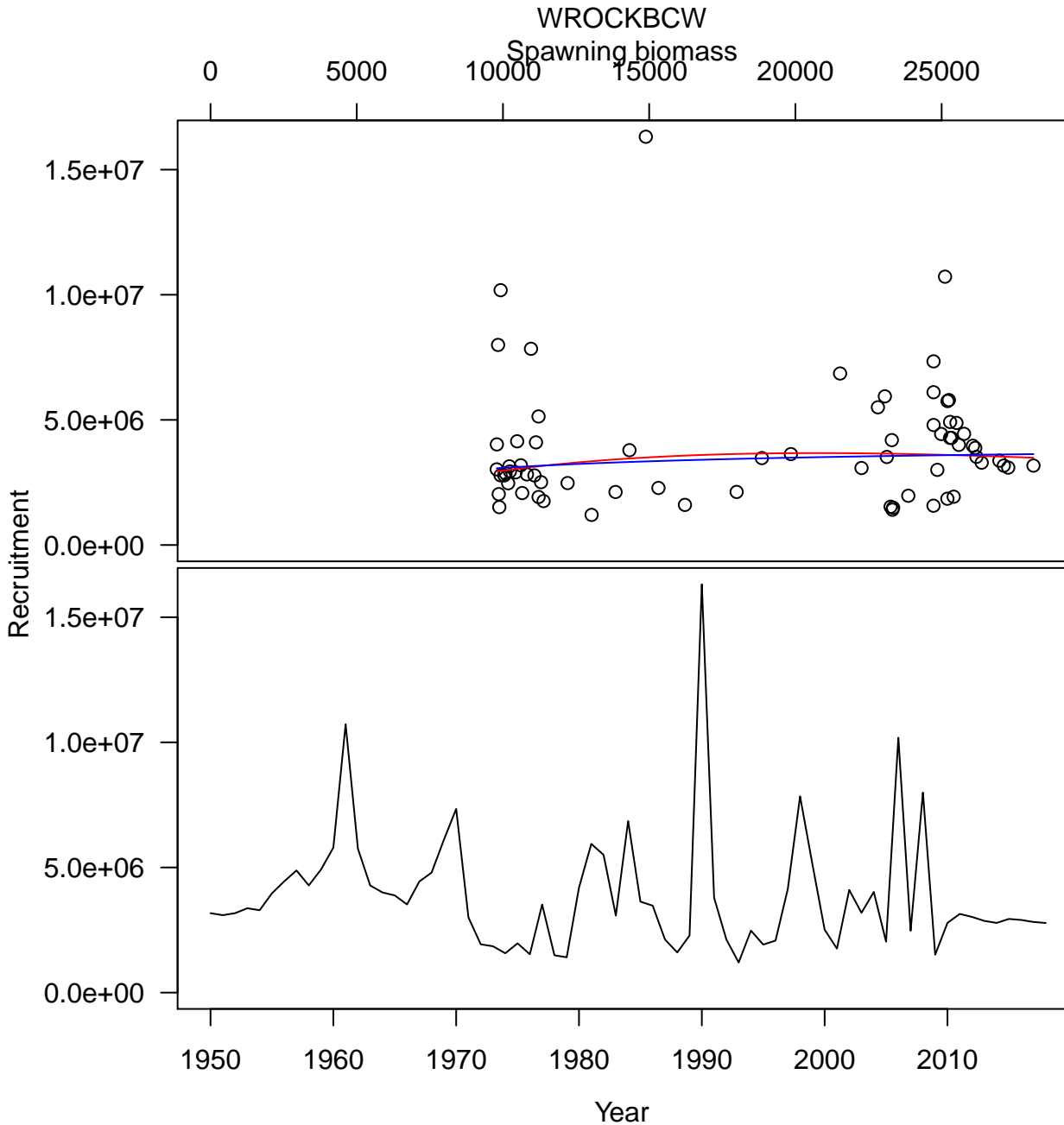
1990

2000

2010

Year





WROCKPCOAST

Spawning biomass

0

20000

40000

60000

80000

Recruitment

1.5e+08

1.0e+08

5.0e+07

0.0e+00

1.5e+08

1.0e+08

5.0e+07

0.0e+00

1960

1970

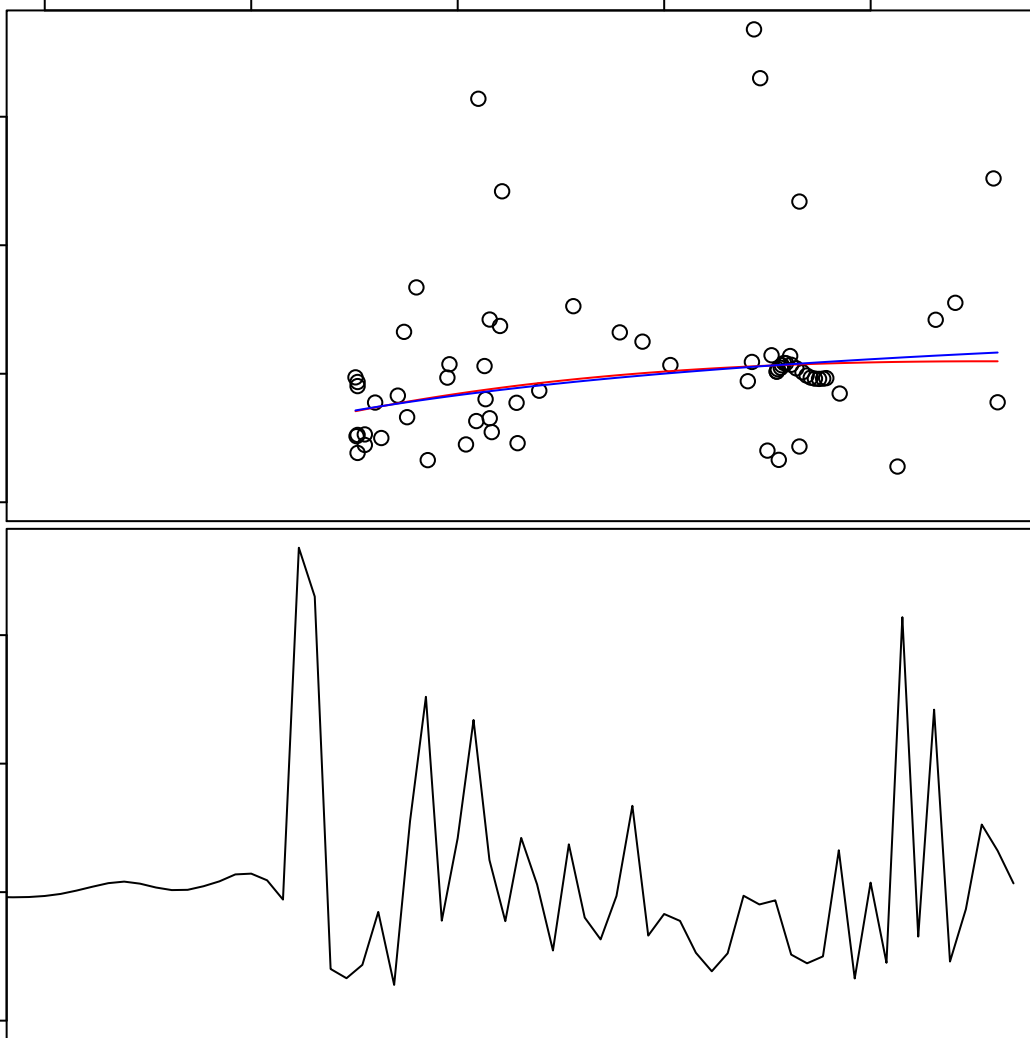
1980

1990

2000

2010

Year



YELLCCODGOM

Spawning biomass

0

500

1000

1500

2000

2500

2.0×10^7

1.5×10^7

1.0×10^7

5.0×10^6

0.0×10^0

Recruitment

2.0×10^7

1.5×10^7

1.0×10^7

5.0×10^6

0.0×10^0

1985

1990

1995

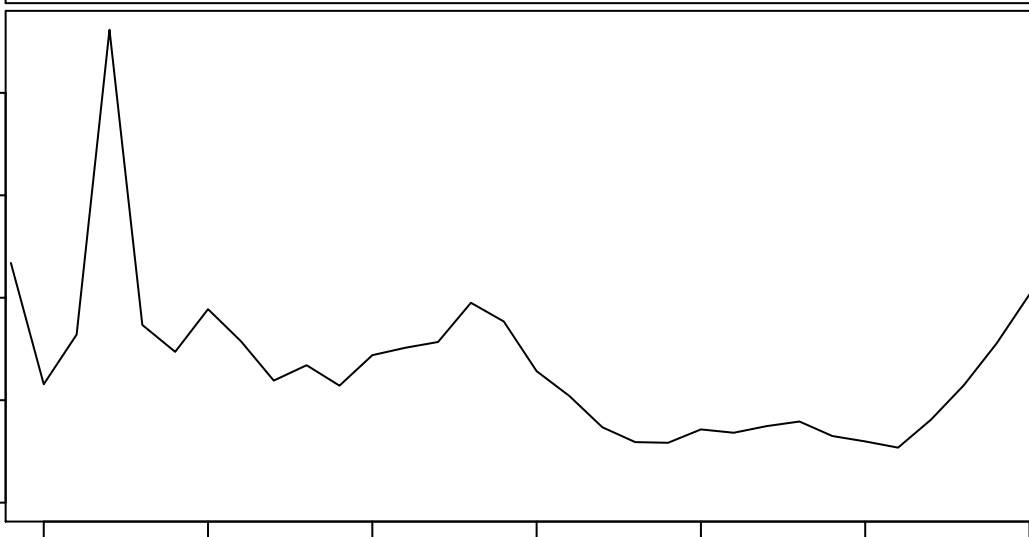
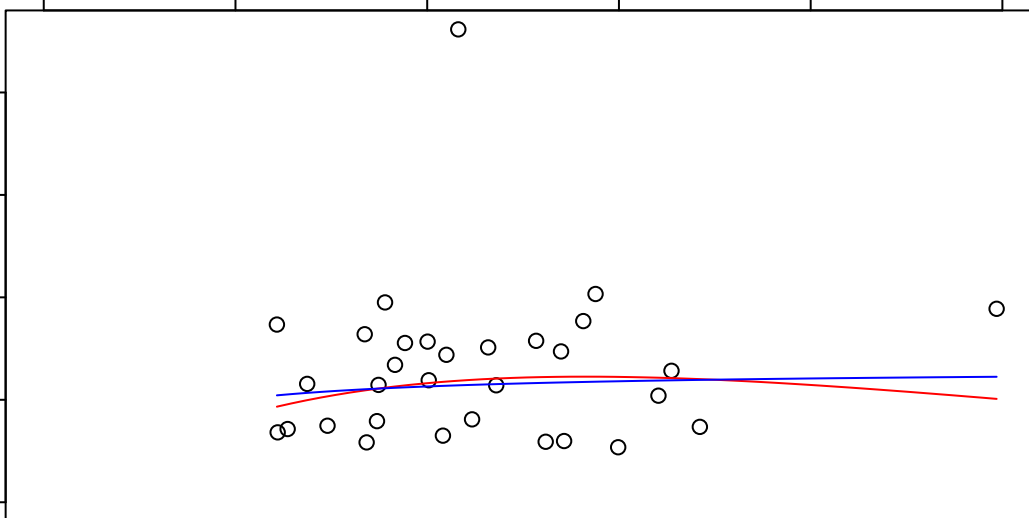
2000

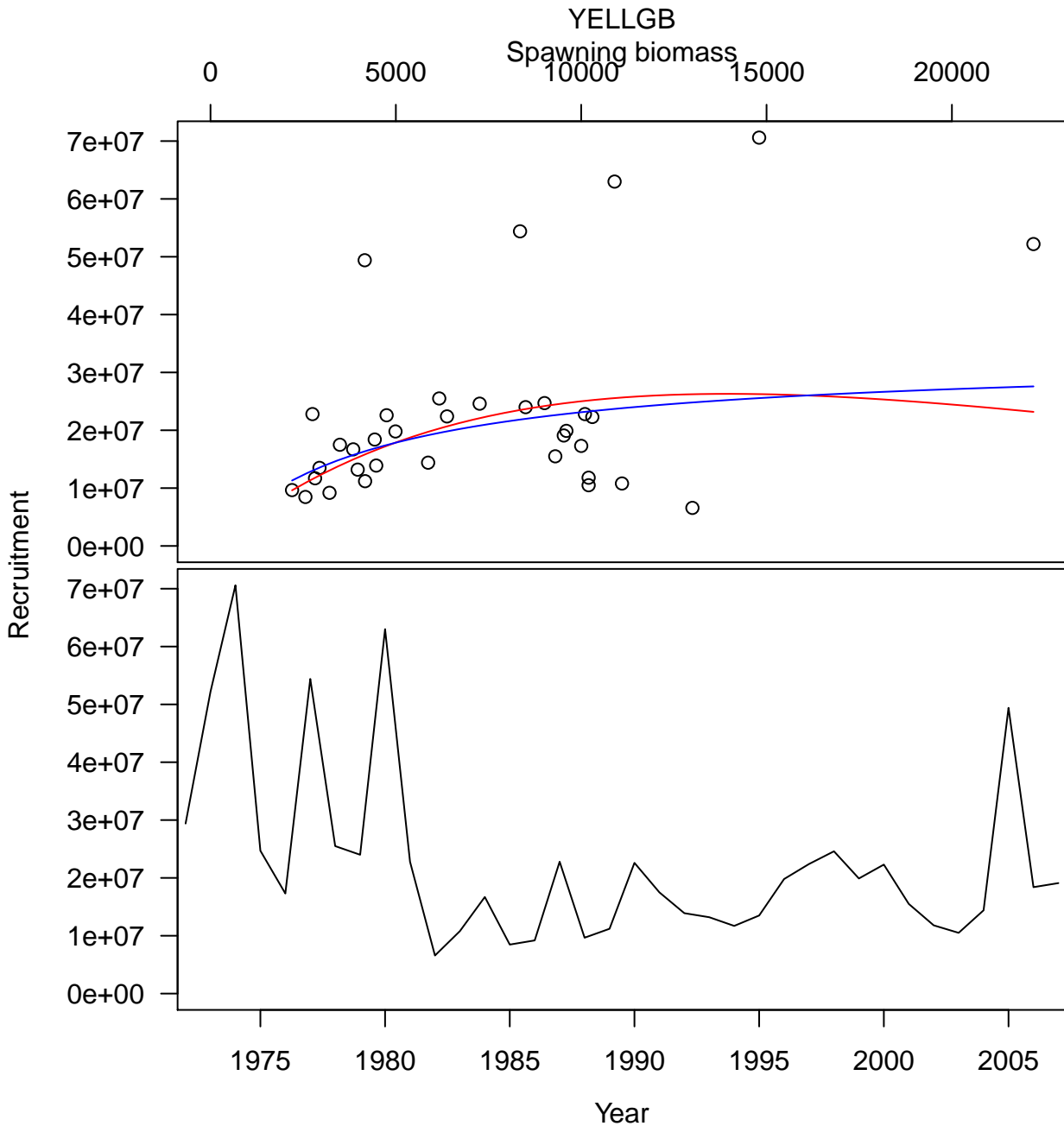
2005

2010

2015

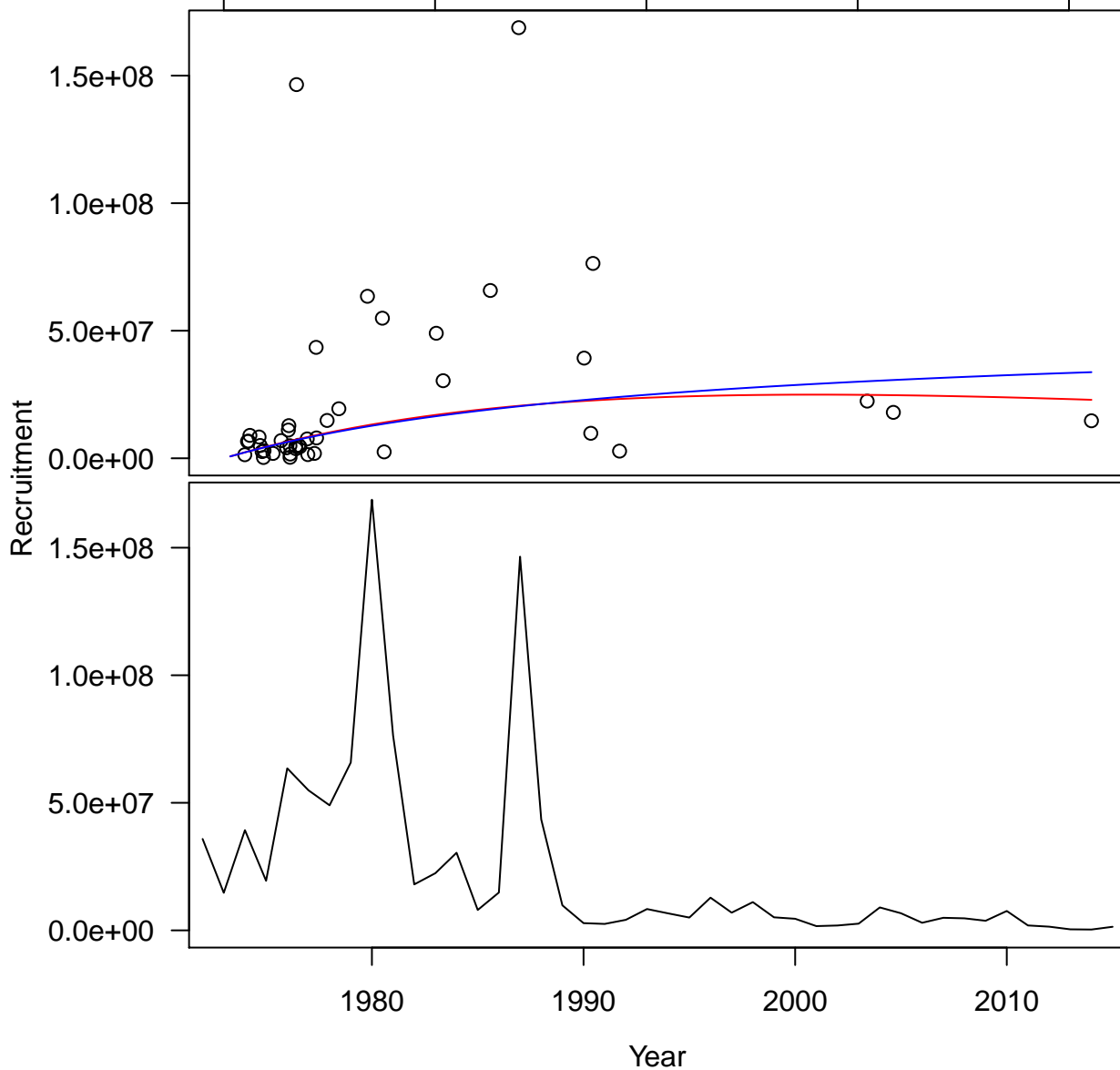
Year





YELLSNEMATL
Spawning biomass

0 5000 10000 15000 20000



YEYEROCKPCOAST

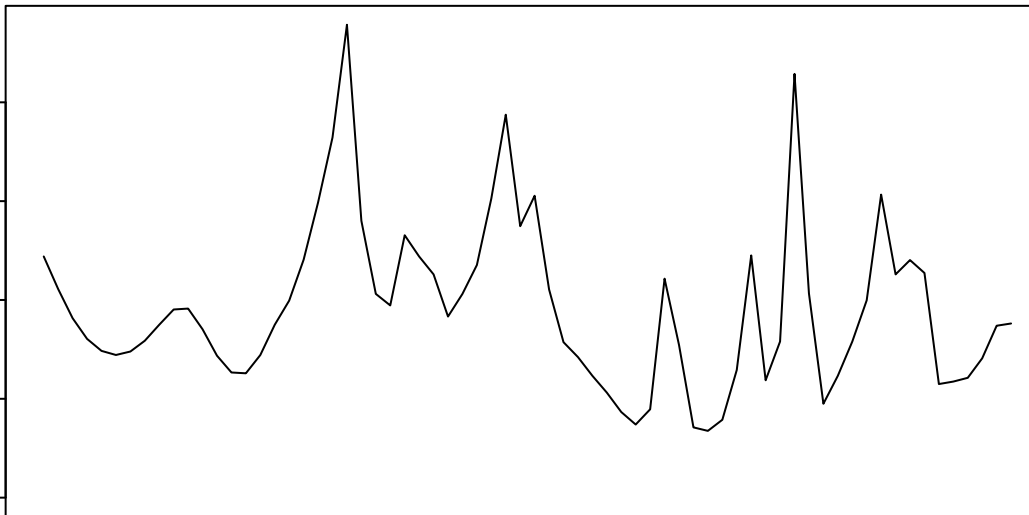
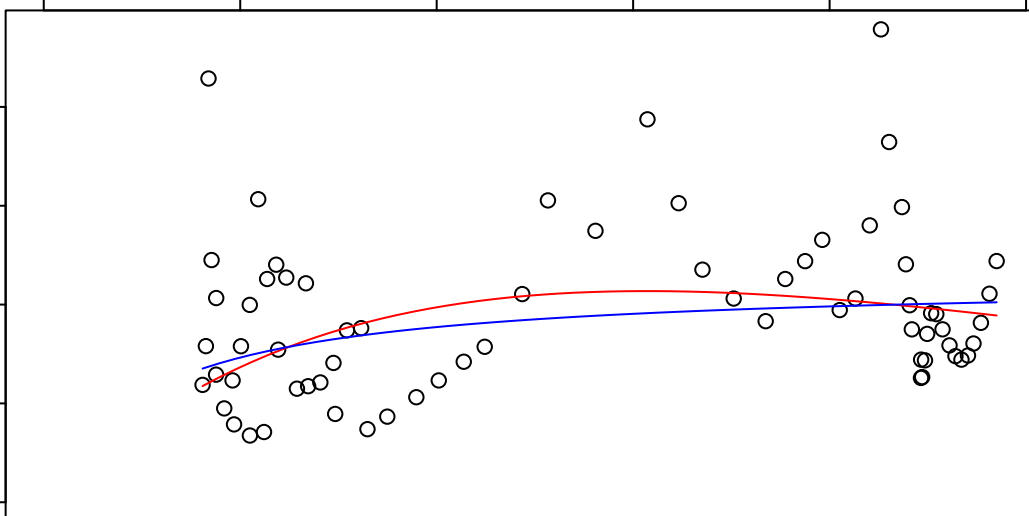
Spawning biomass

0e+00 2e+08 4e+08 6e+08 8e+08 1e+09

Recruitment

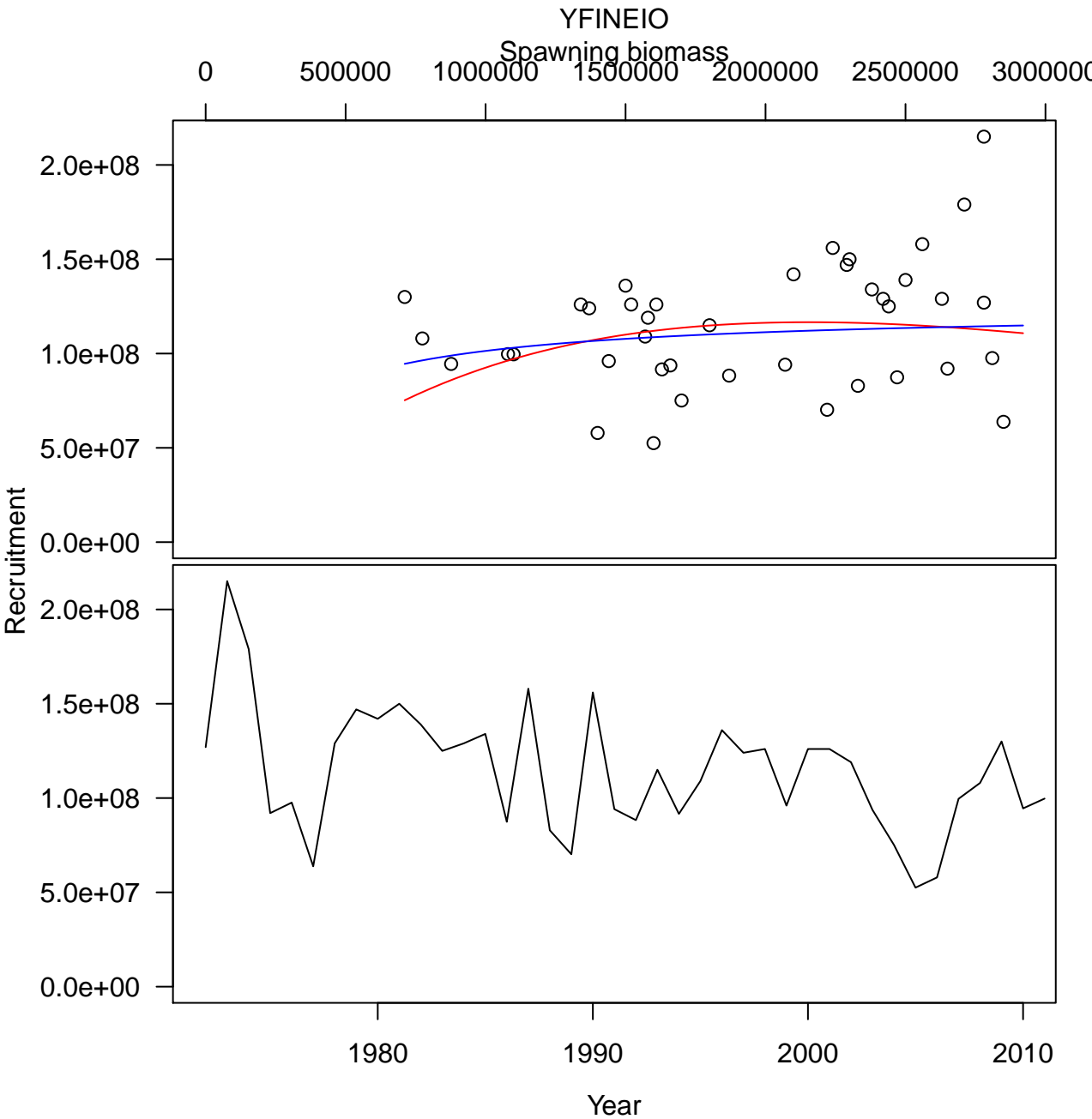
4e+05
3e+05
2e+05
1e+05
0e+00

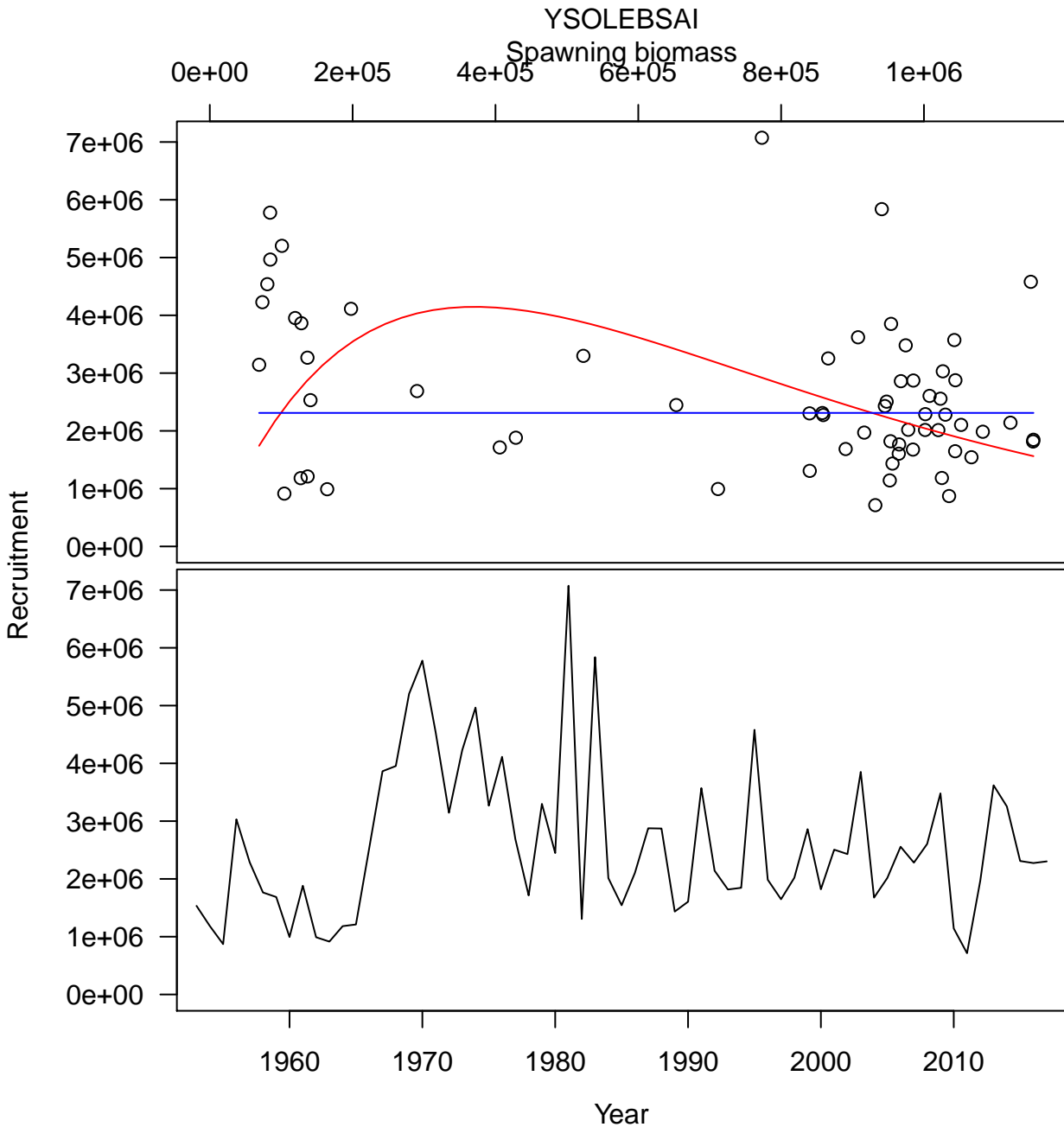
4e+05
3e+05
2e+05
1e+05
0e+00



Year

1950 1960 1970 1980 1990 2000 2010





YTROCKNPCOAST

Spawning biomass

0.0e+00

4.0e+12

8.0e+12

1.2e+13

Recruitment

8e+07

6e+07

4e+07

2e+07

0e+00

8e+07

6e+07

4e+07

2e+07

0e+00

1950

1960

1970

1980

1990

2000

2010

Year

