

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

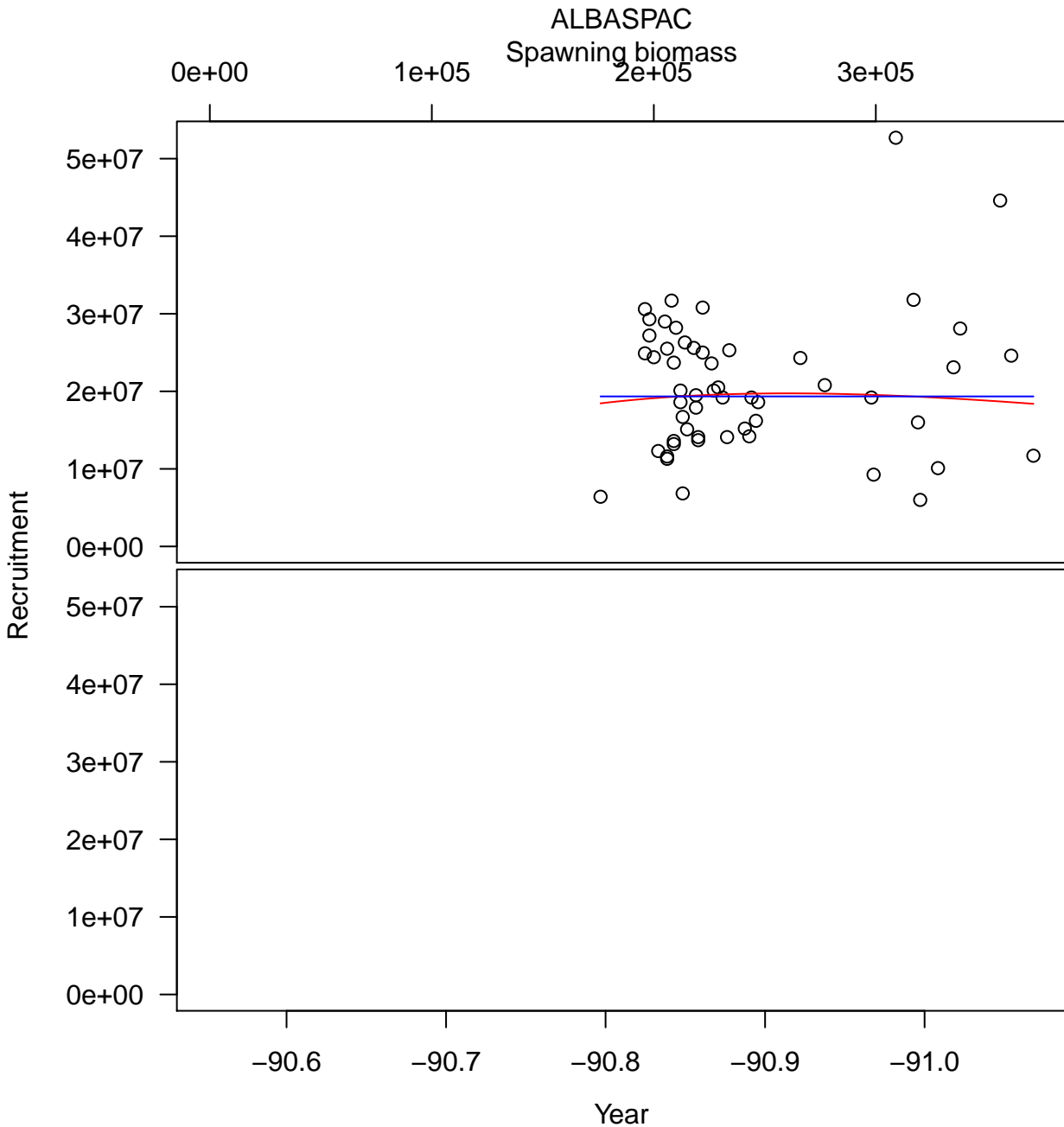
Year

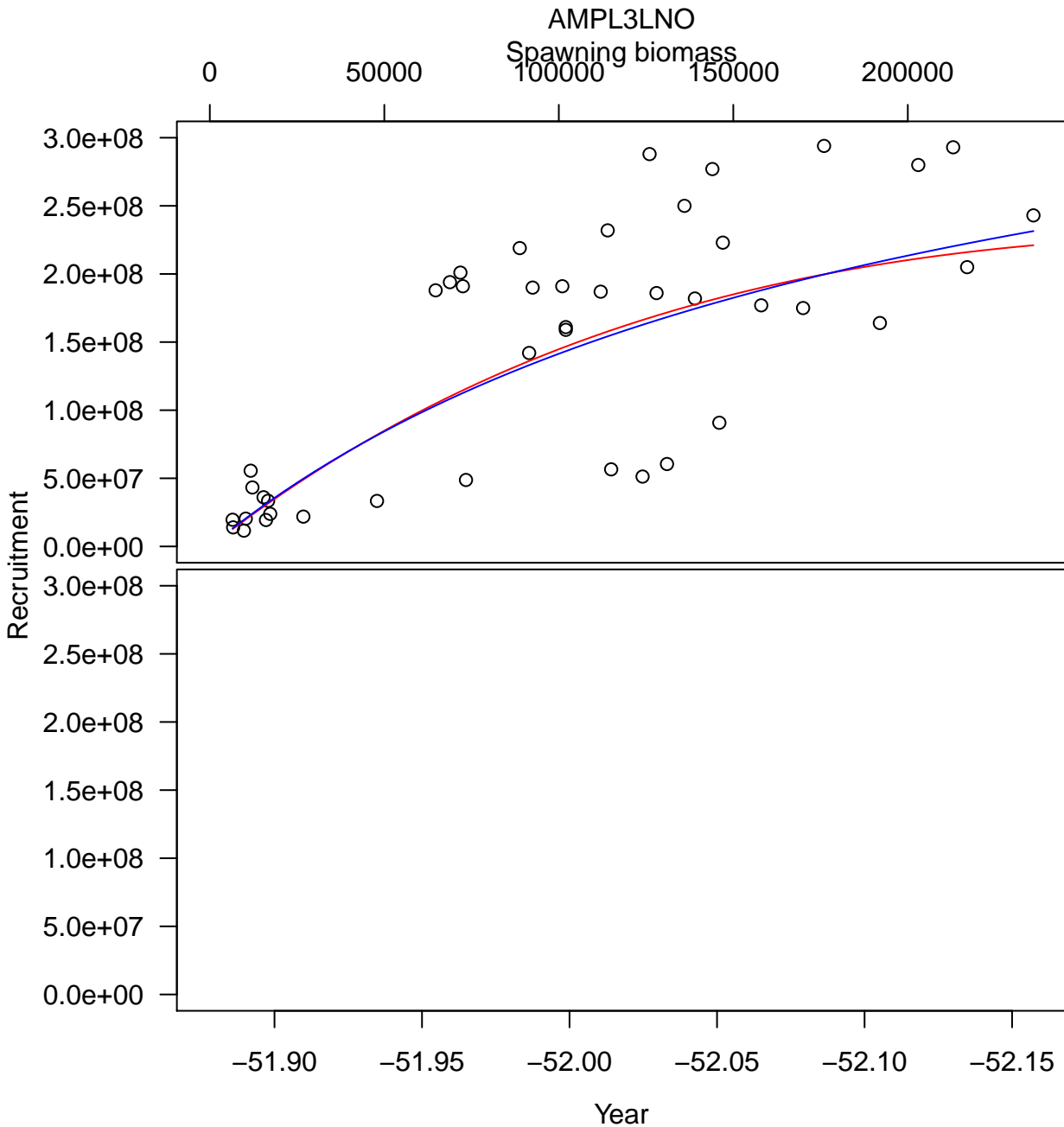
52

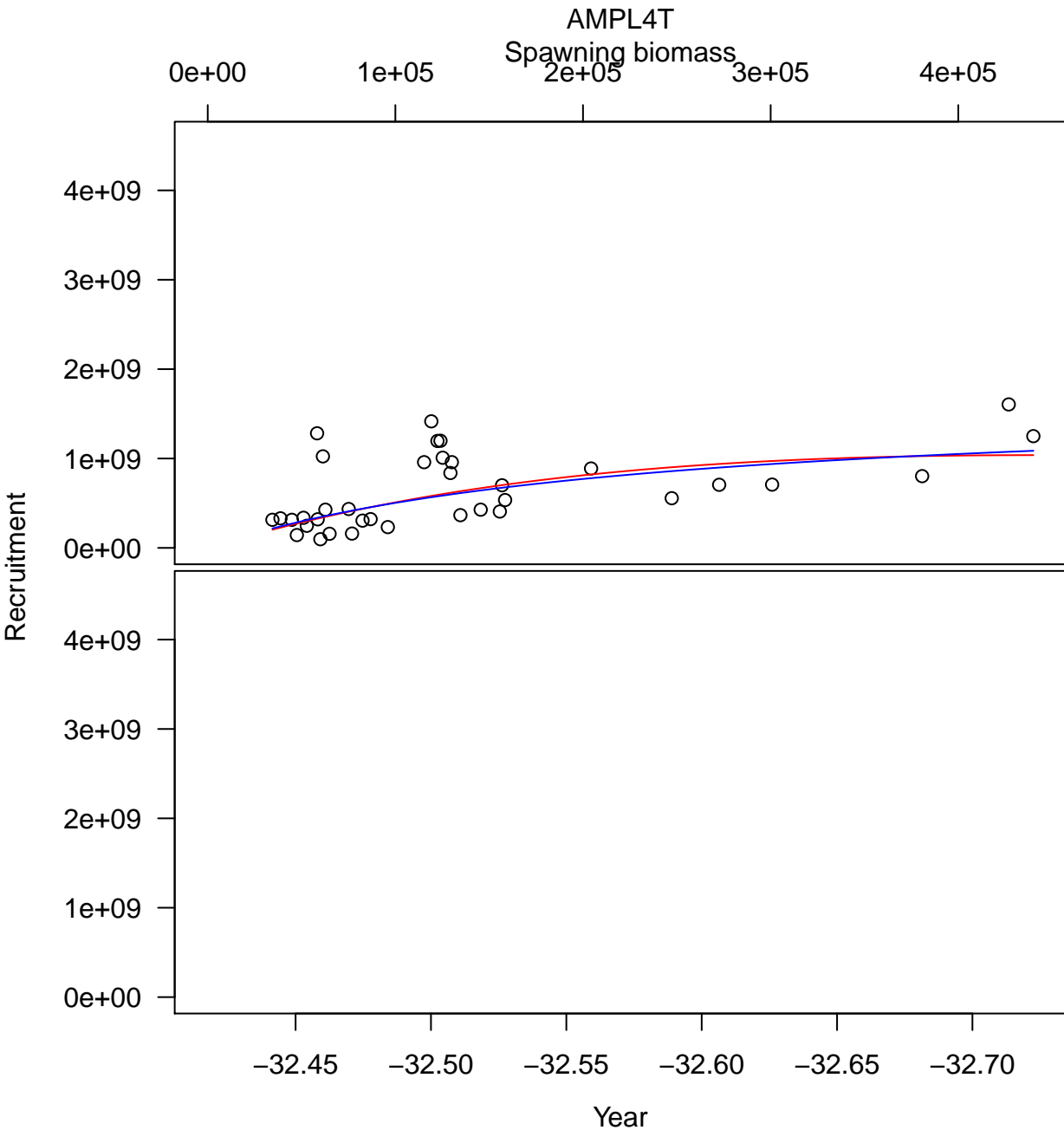
51

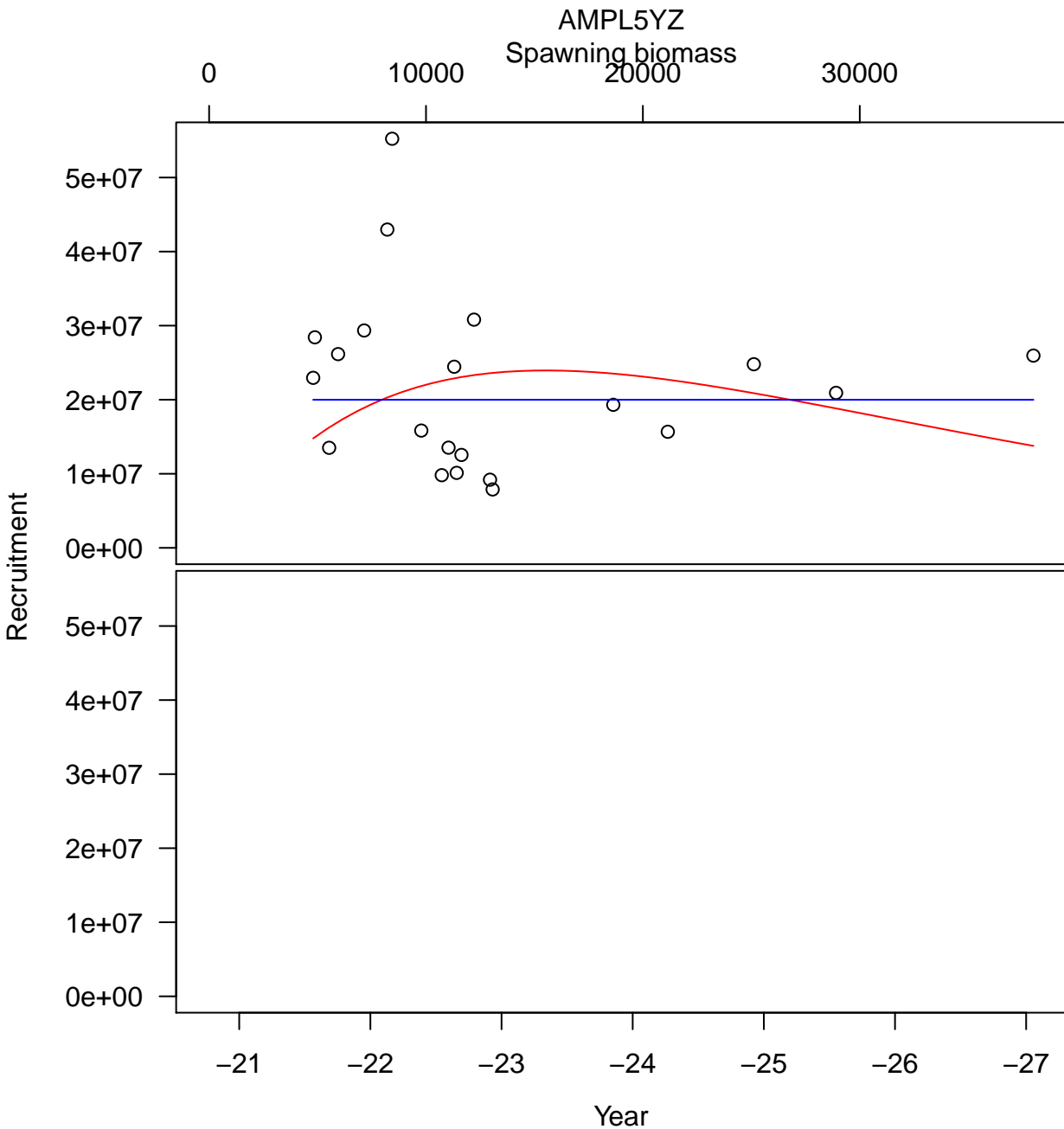
50

49









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

-43

-44

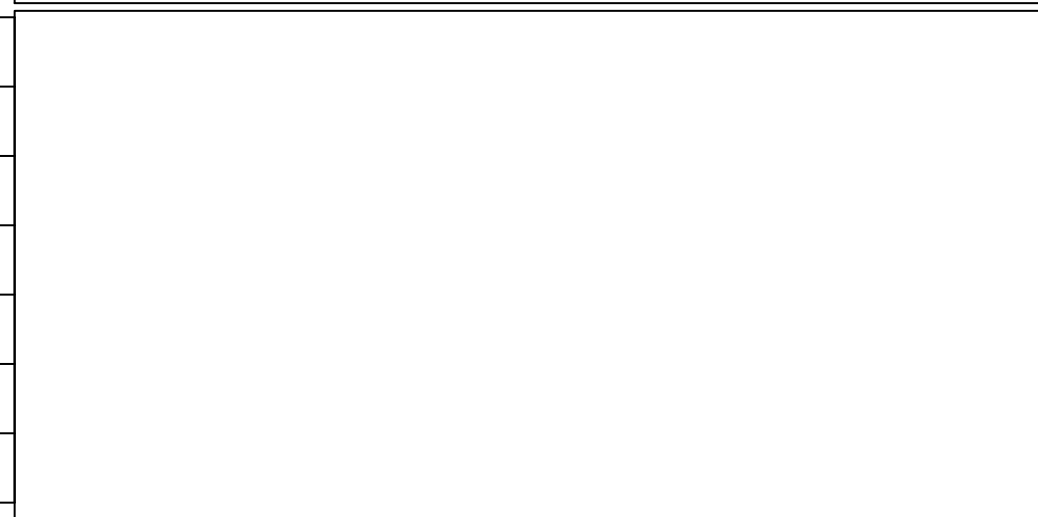
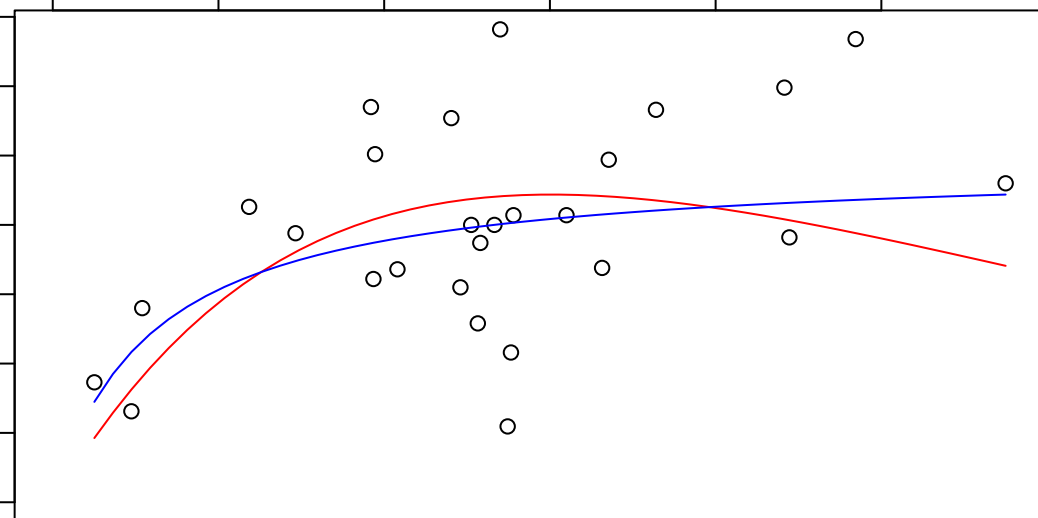
-45

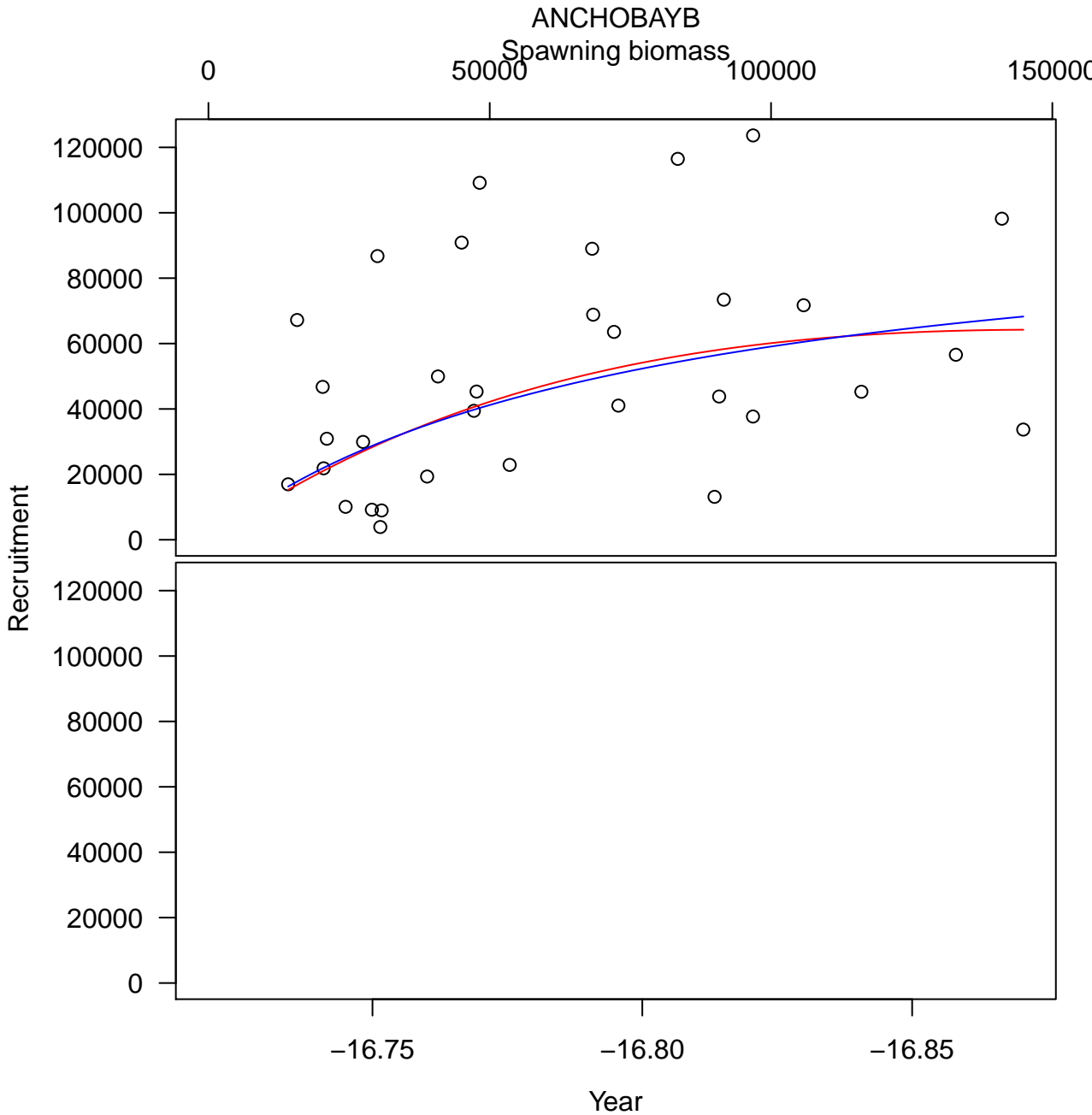
-46

-47

-48

Year





ANCHOSA

Spawning biomass

0e+00

1e+06

2e+06

3e+06

4e+06

5e+06

1.5e+12

1.0e+12

5.0e+11

0.0e+00

Recruitment

1.5e+12

1.0e+12

5.0e+11

0.0e+00

-28.6

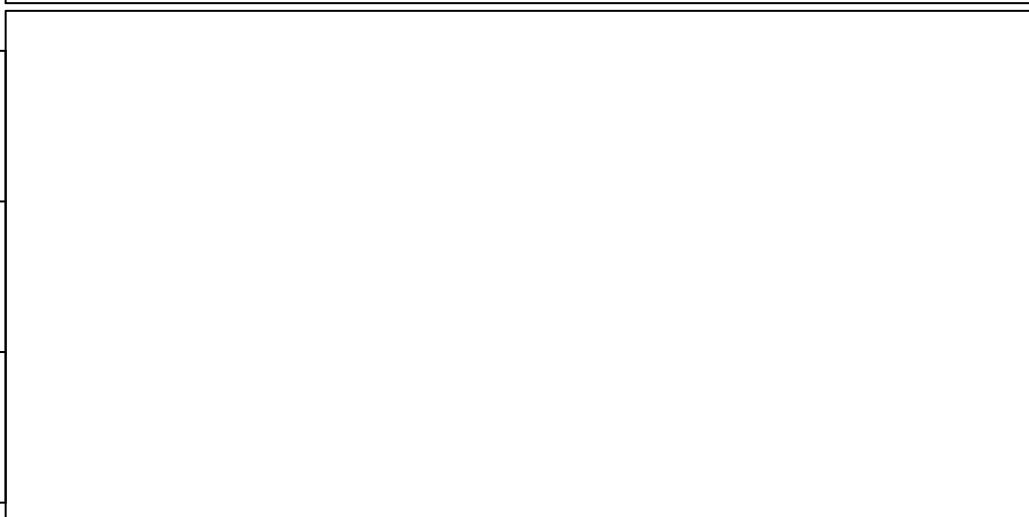
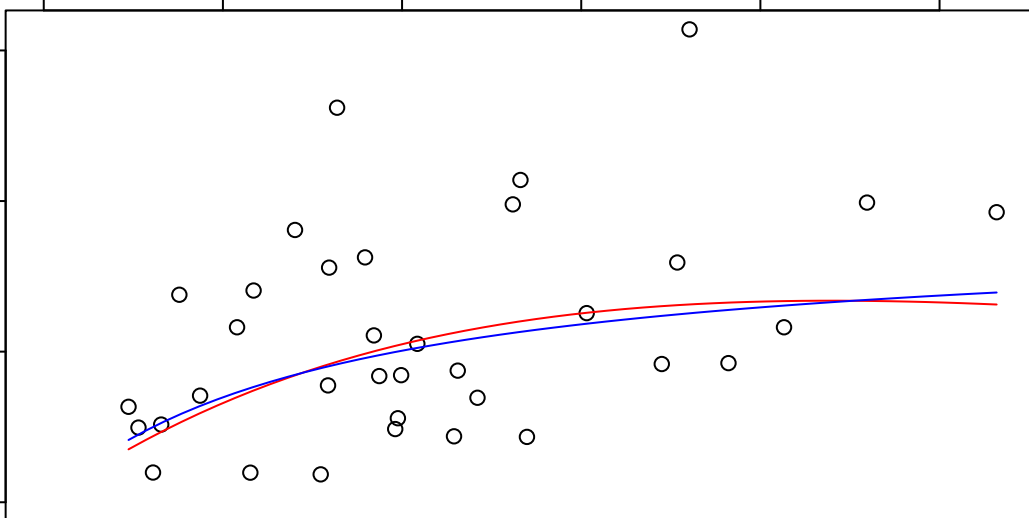
-28.8

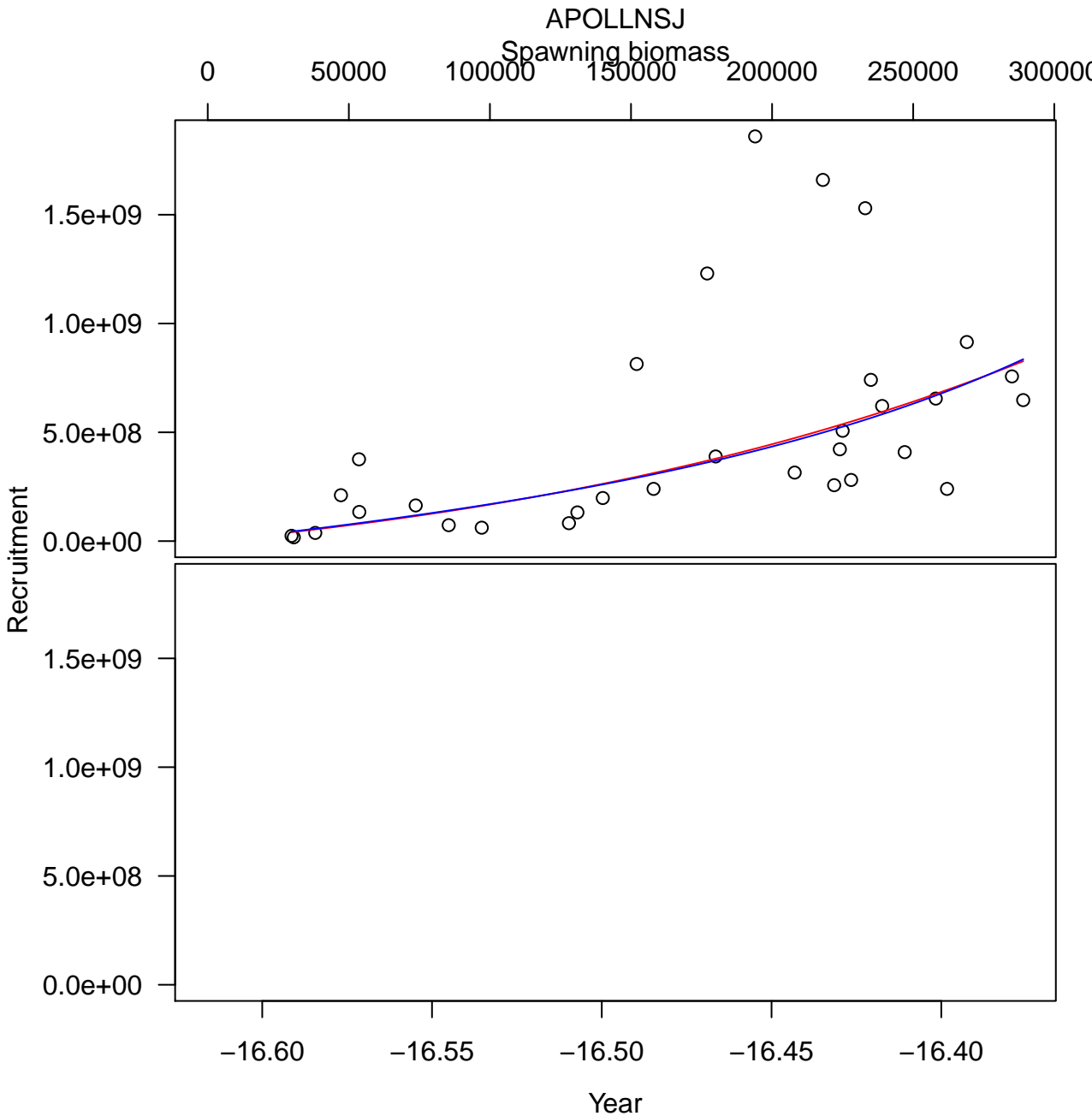
-29.0

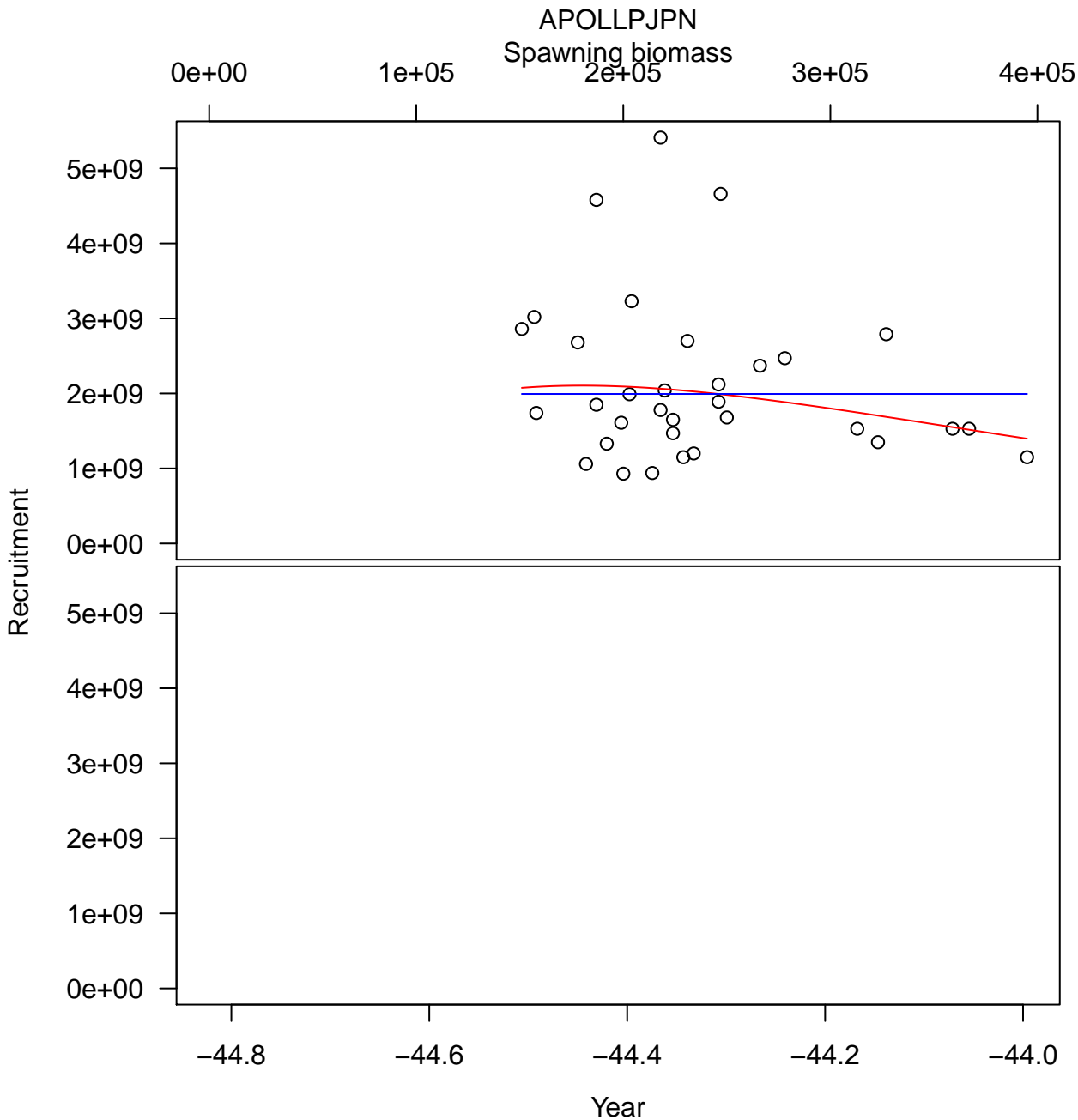
-29.2

-29.4

Year







ARFLOUNDBSAI

Spawning biomass

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

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

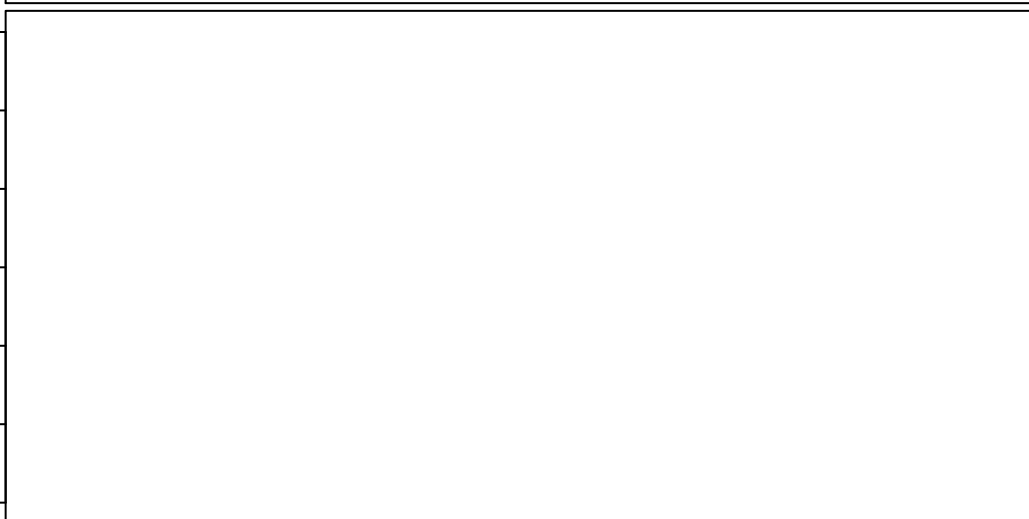
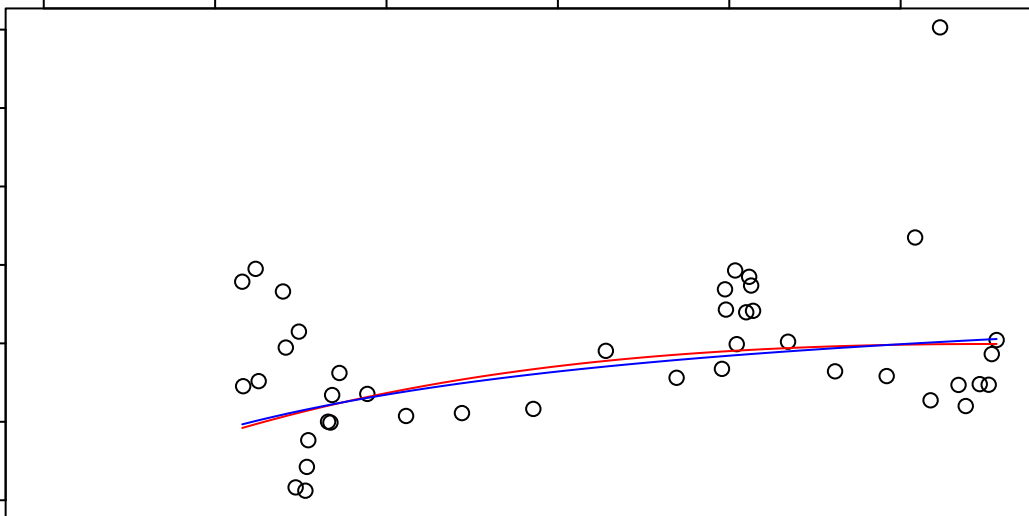
0.0e+00

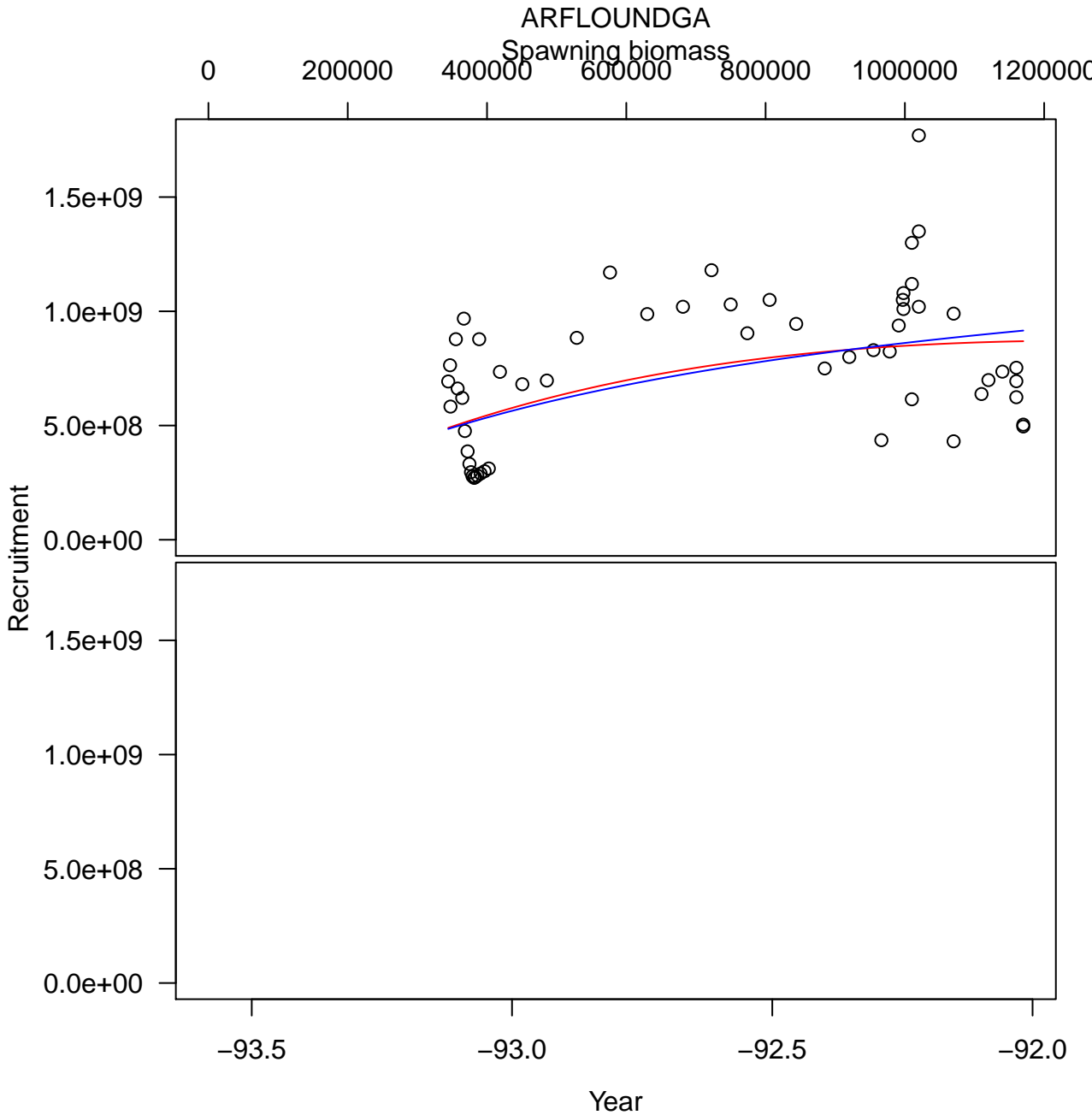
-32.50

-32.55

-32.60

Year





ARFLOUNDCOAST

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

-19.6

-19.5

-19.4

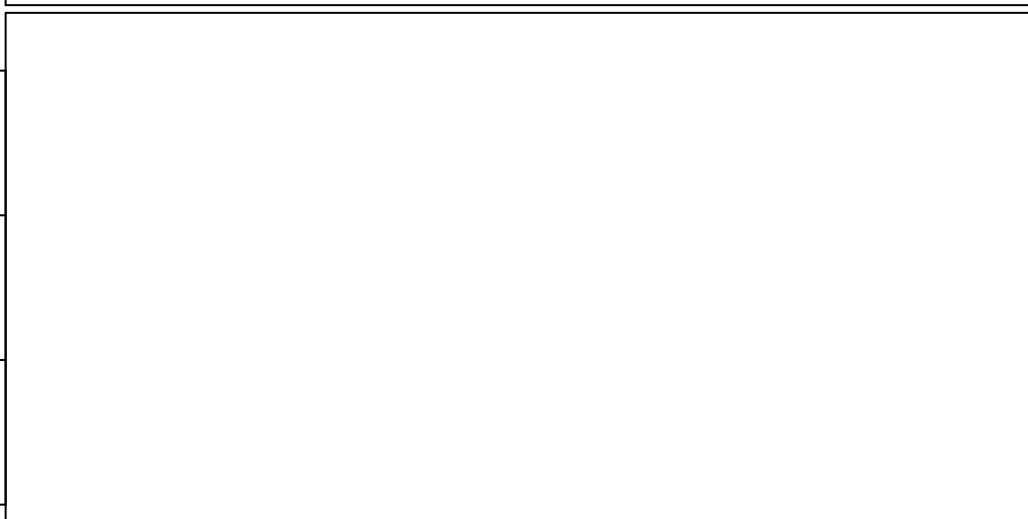
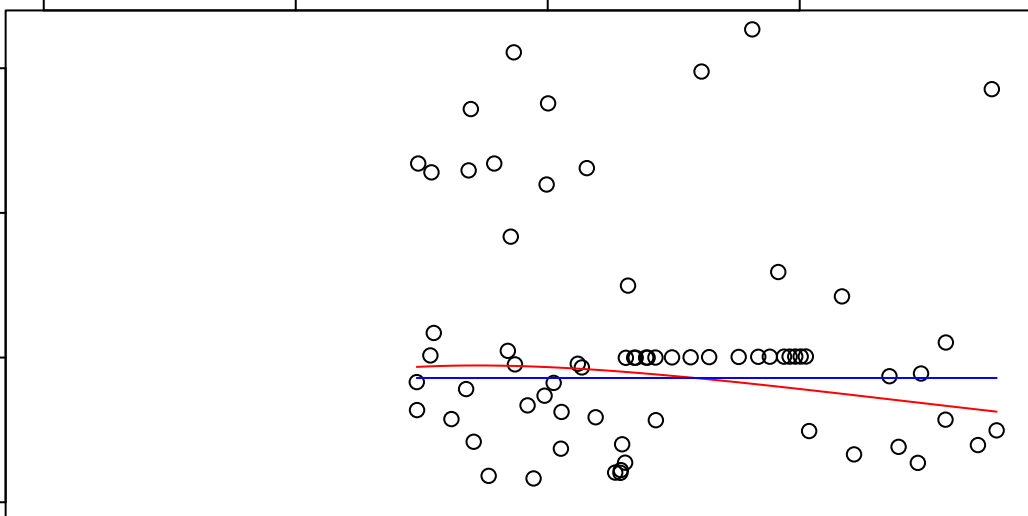
-19.3

-19.2

-19.1

-19.0

Year



ARGANCHONARG

Spawning biomass

0 500000 1000000 1500000 2000000 2500000

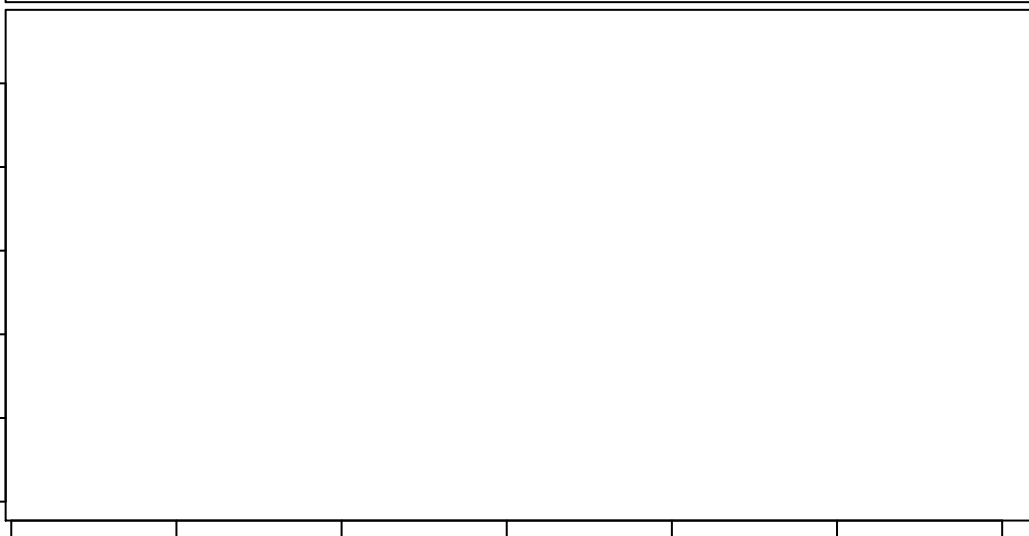
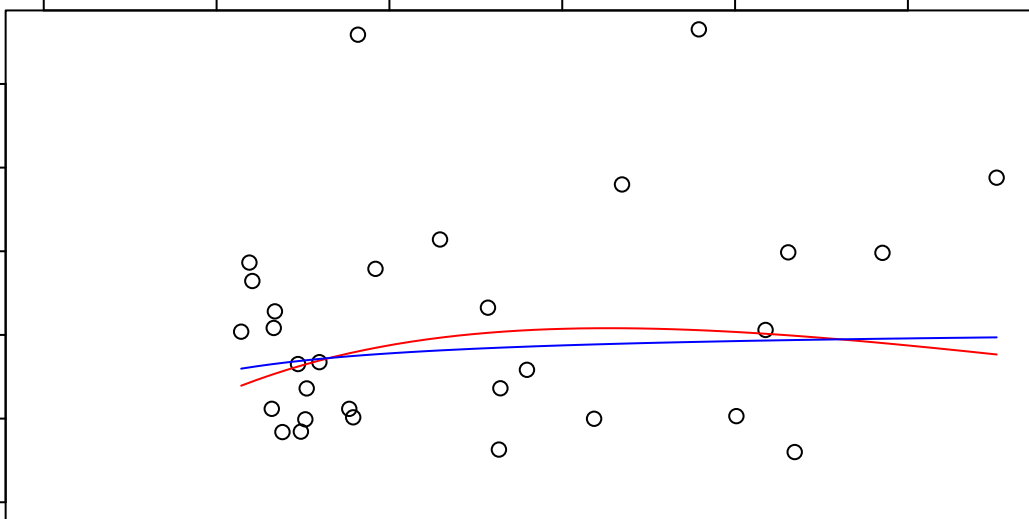
Recruitment

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

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

-23.8 -24.0 -24.2 -24.4 -24.6 -24.8 -25.0

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

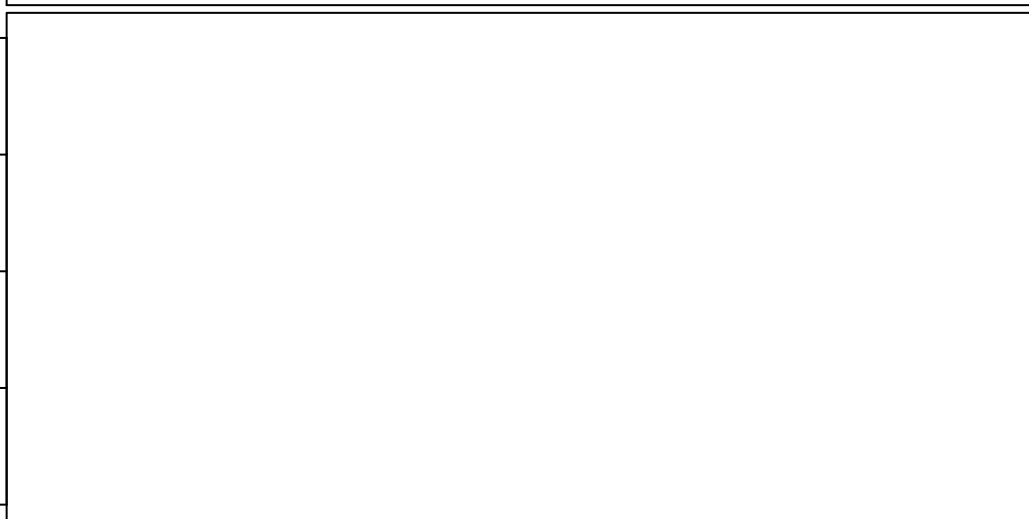
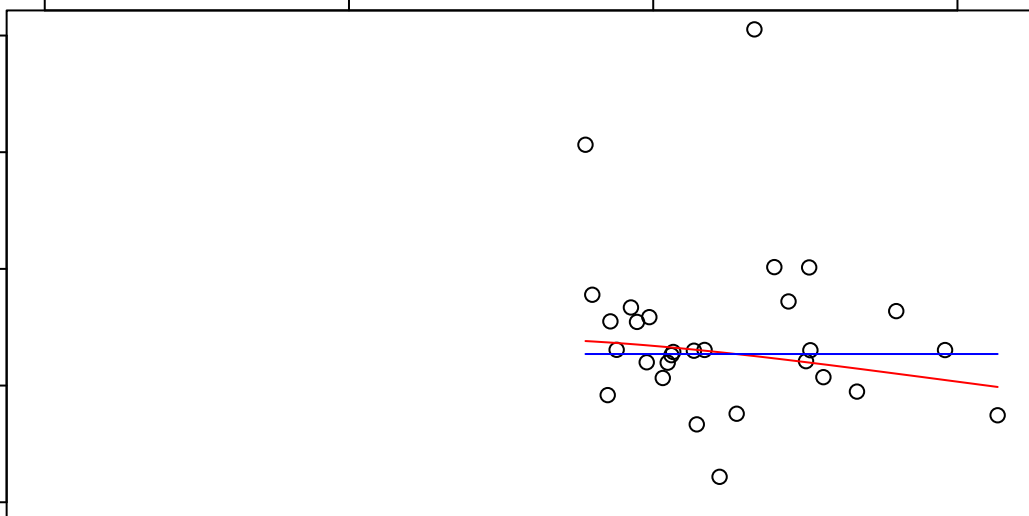
-27.7

-27.6

-27.5

-27.4

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

-61.62

-61.64

-61.66

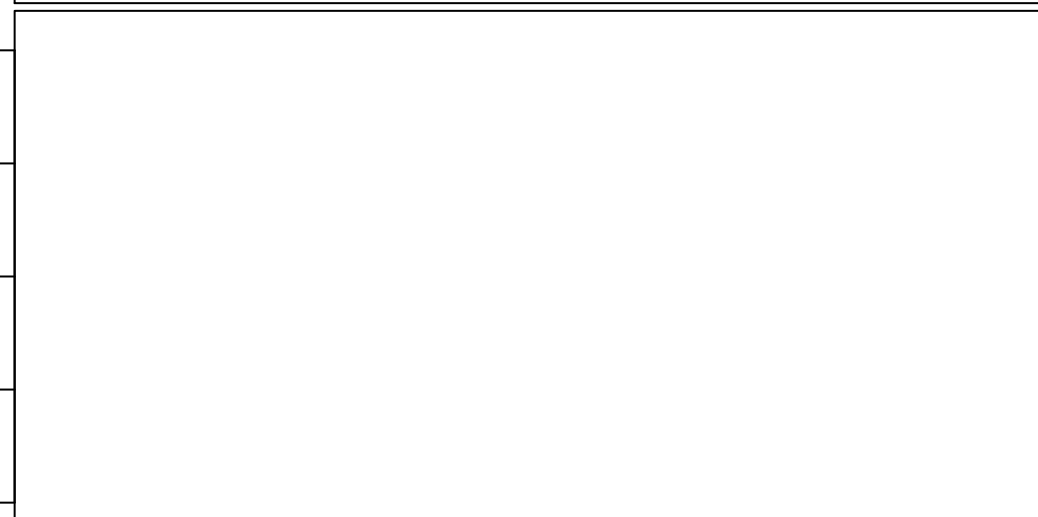
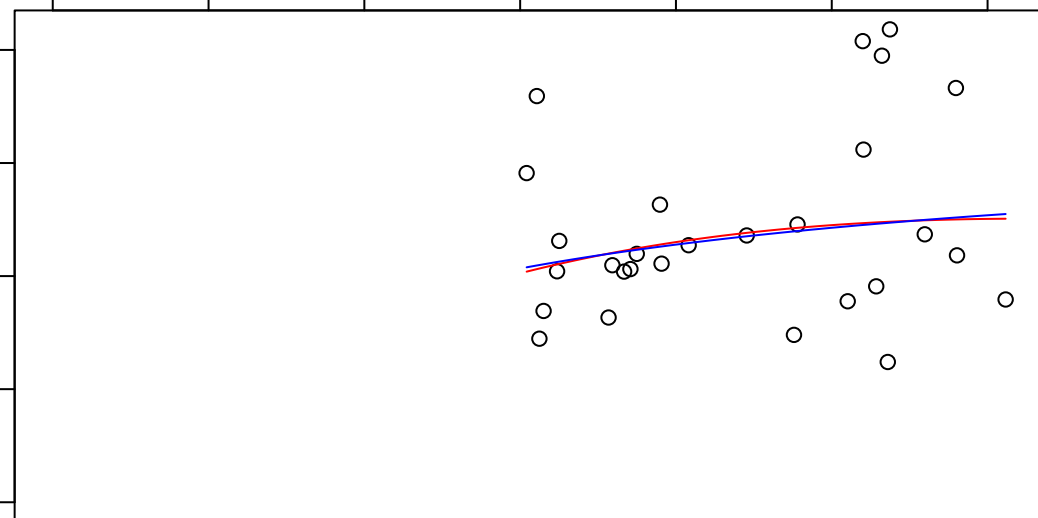
-61.68

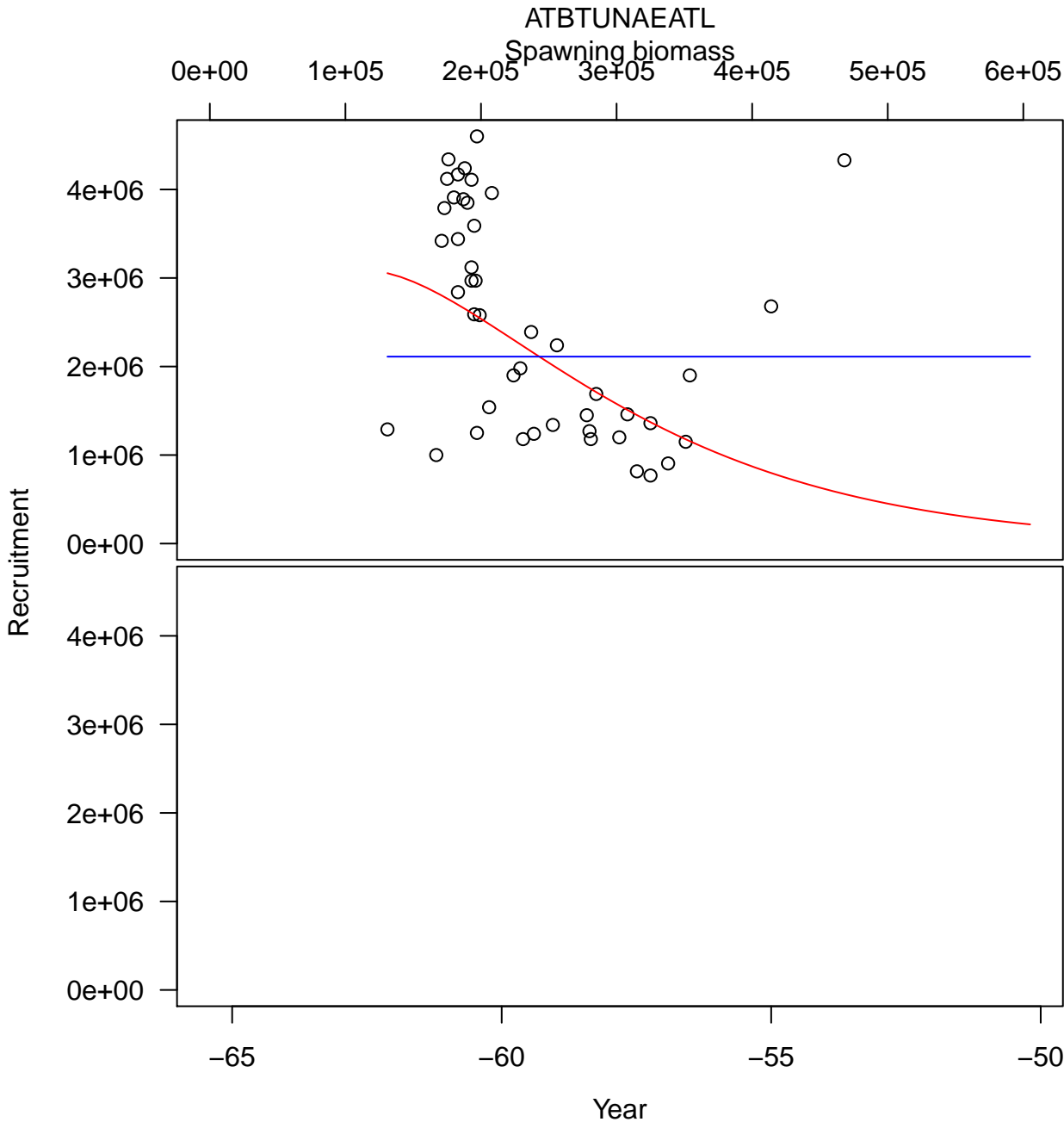
-61.70

-61.72

-61.74

Year





ATHAL3NOPs4VWX5Zc

Spawning biomass

0 1000 2000 3000 4000 5000 6000

2000000

1500000

1000000

500000

0

Recruitment

2000000

1500000

1000000

500000

0

-20

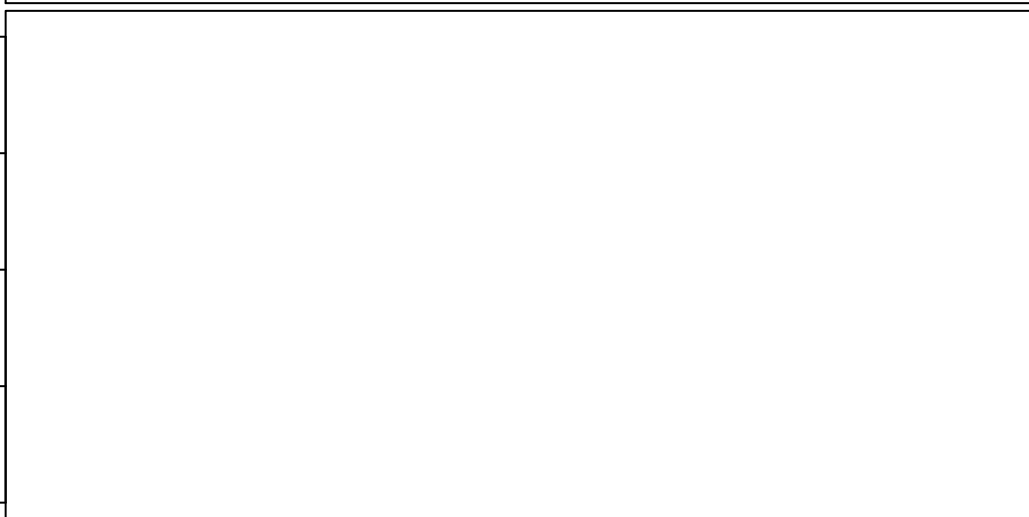
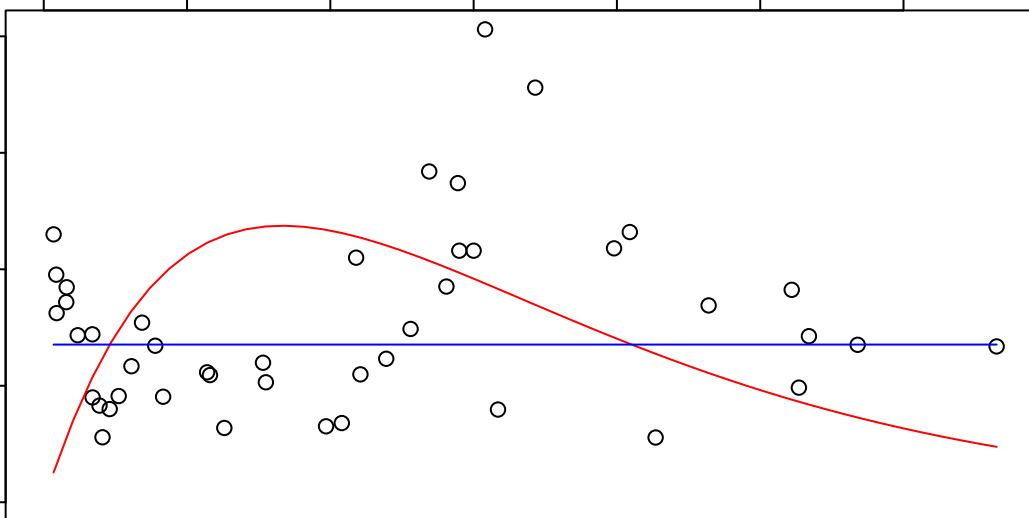
-30

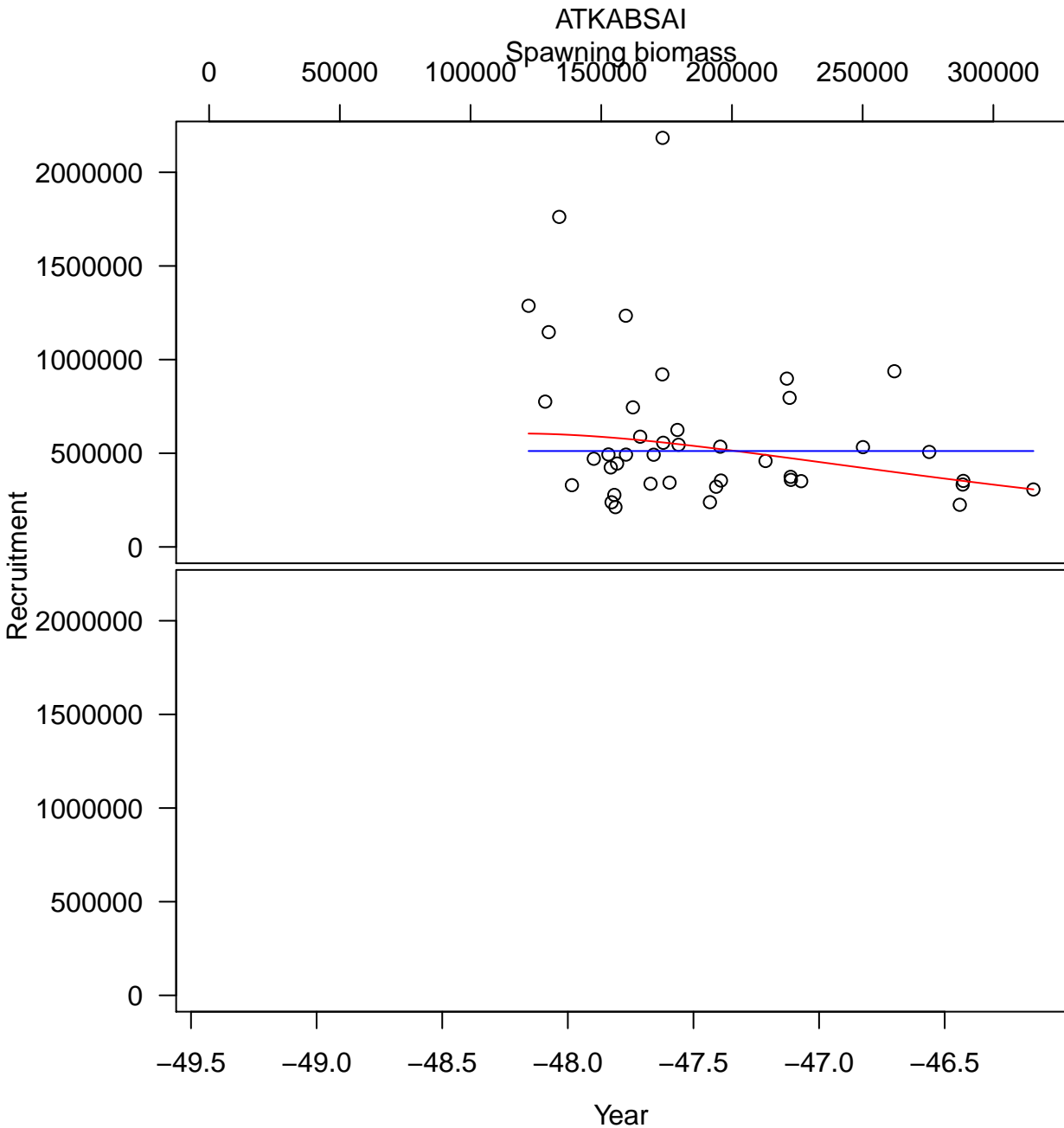
-40

-50

-60

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

-7.0

-7.2

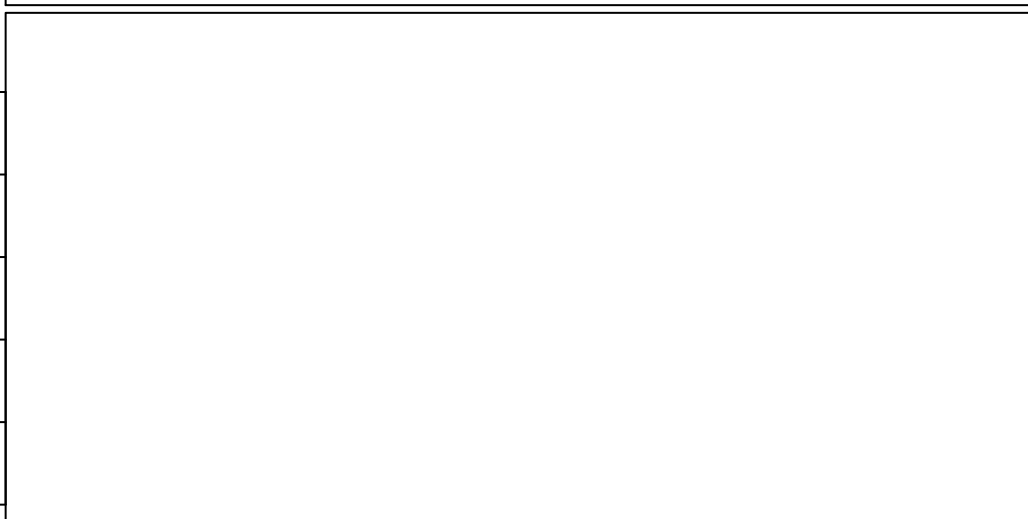
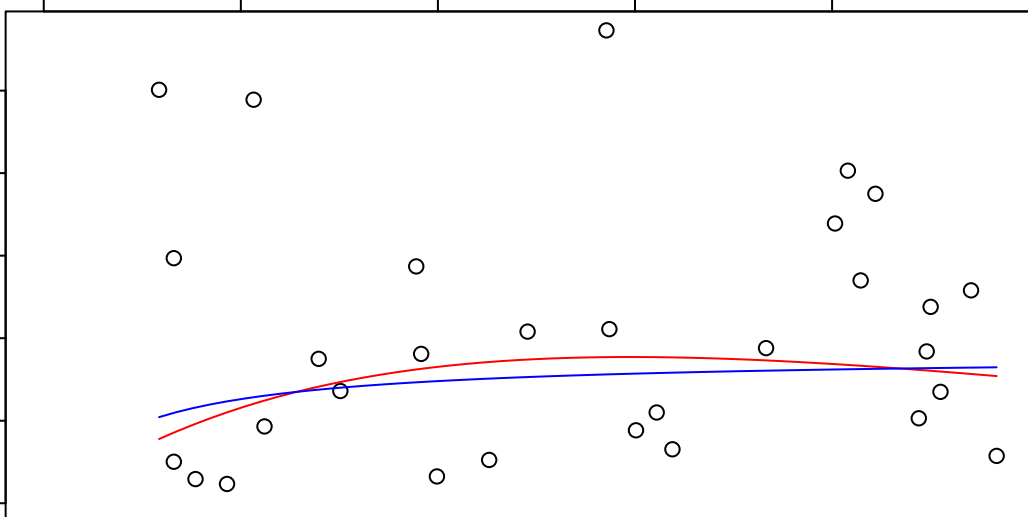
-7.4

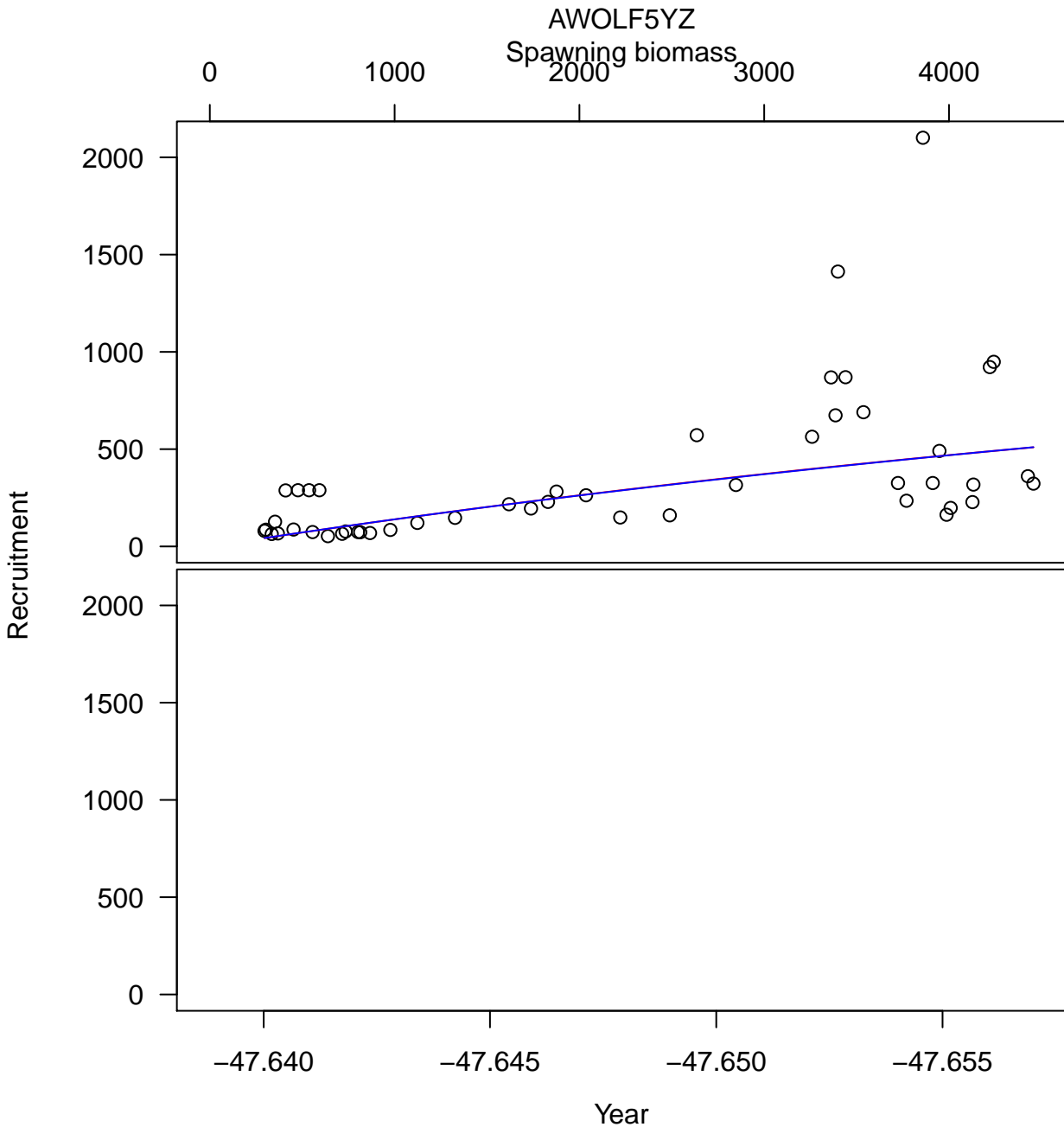
-7.6

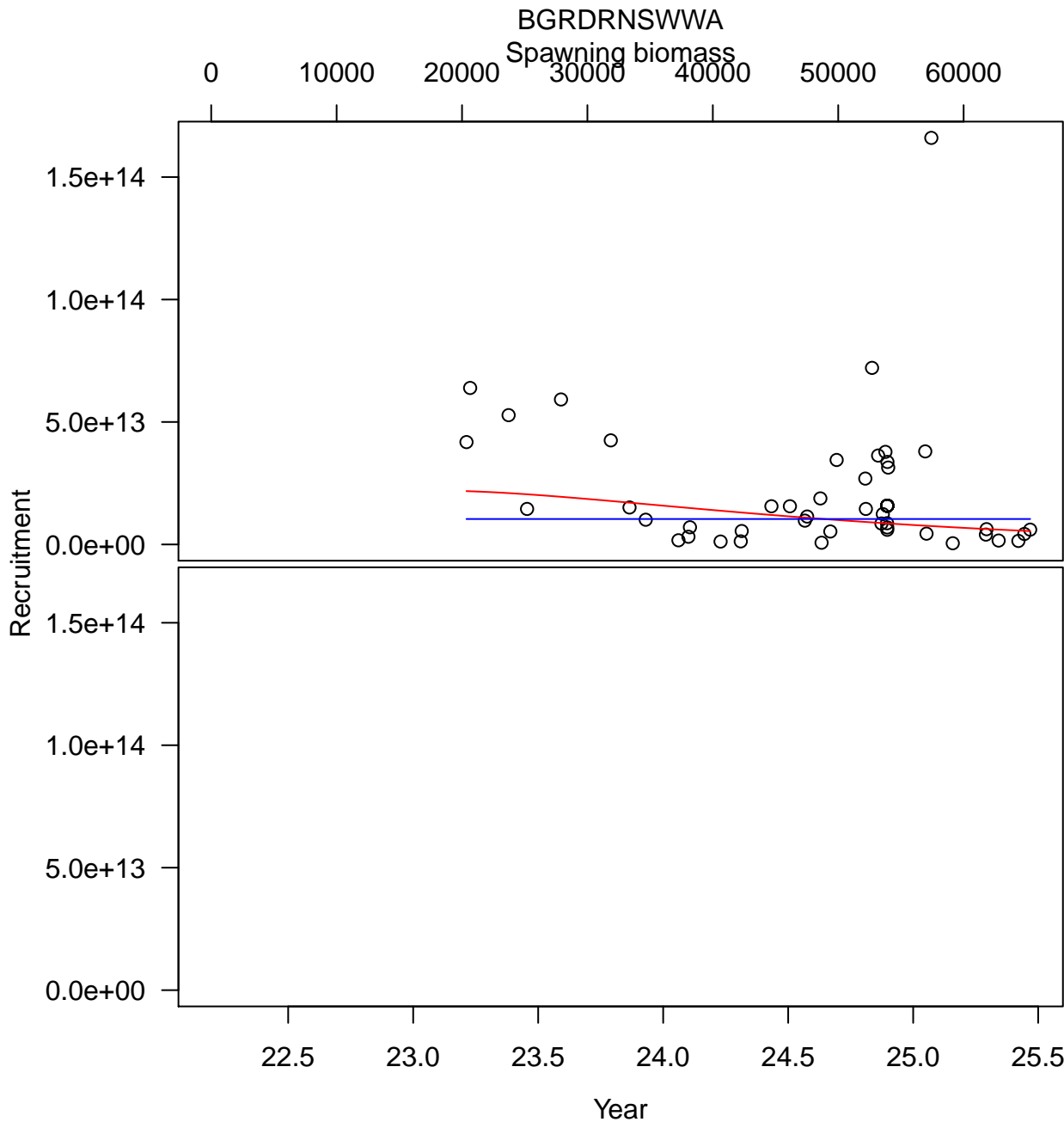
-7.8

-8.0

Year



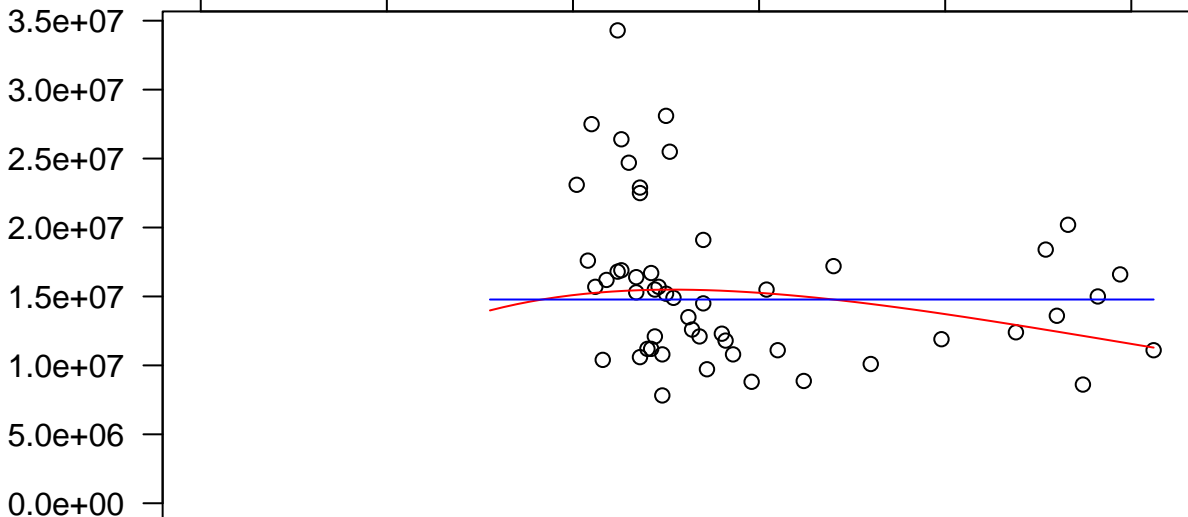




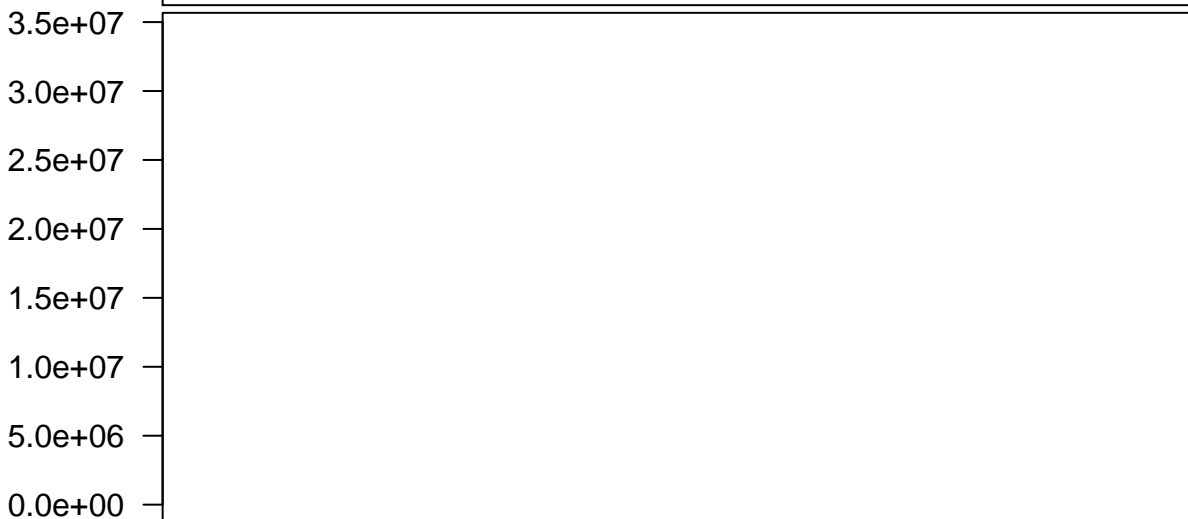
BIGEYECWPAC

Spawning biomass

0 500000 1000000 1500000 2000000 2500000



Recruitment



-109.1 -109.2 -109.3 -109.4 -109.5 -109.6

Year

BLACKROCKCAL
Spawning biomass

0 100 200 300 400 500 600 700

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

-106

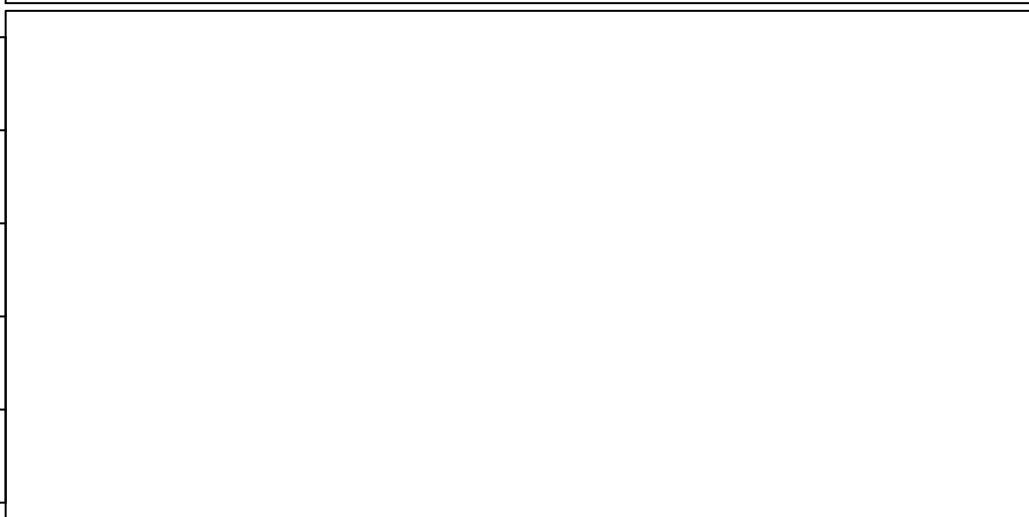
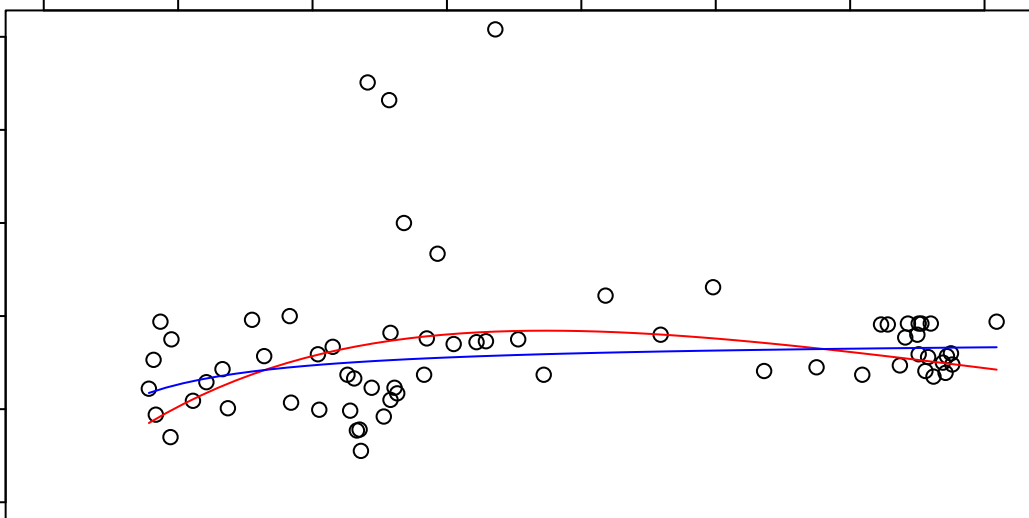
-107

-108

-109

-110

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

-119.0

-118.5

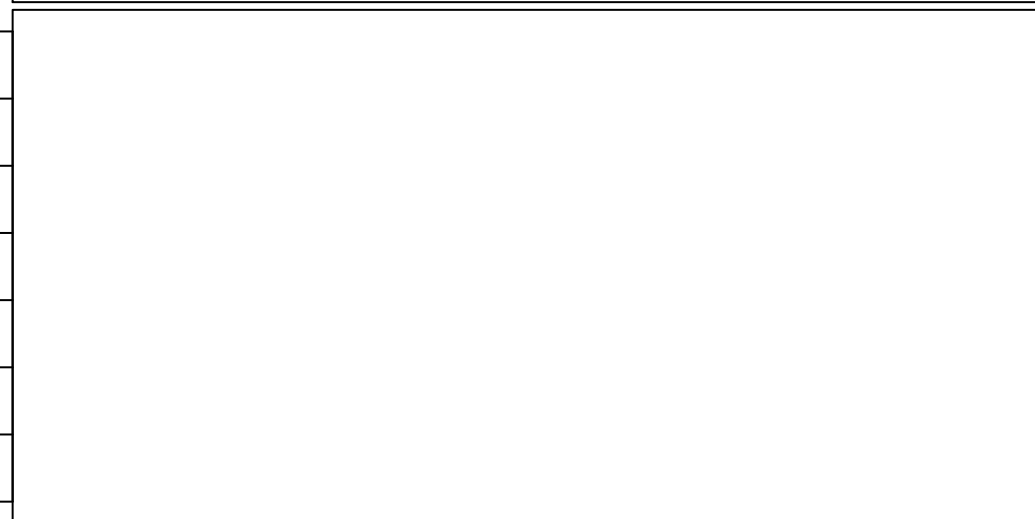
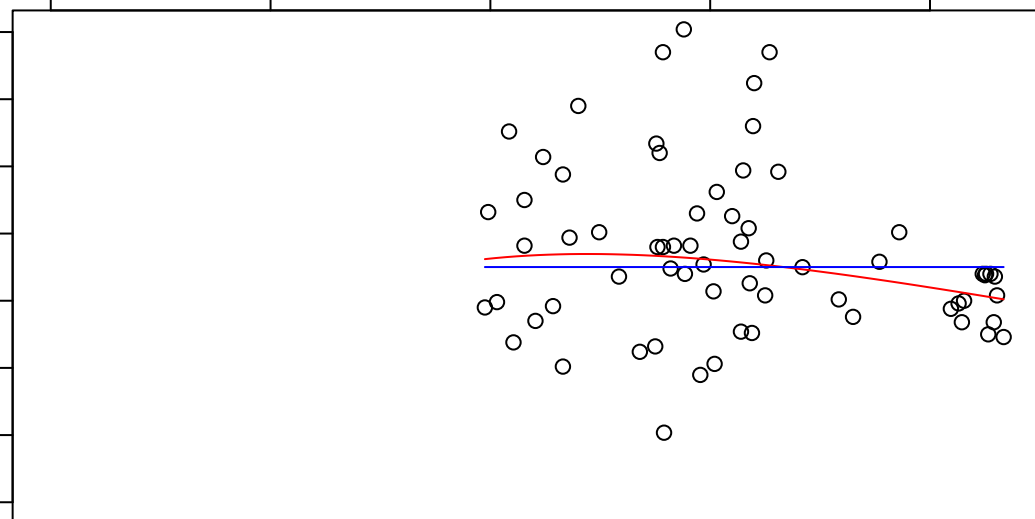
-118.0

-117.5

-117.0

-116.5

Year



BLUEROCKCAL
Spawning biomass

0.0e+00

5.0e+08

1.0e+09

1.5e+09

2.0e+09

8e+06

6e+06

4e+06

2e+06

0e+00

Recruitment

8e+06

6e+06

4e+06

2e+06

0e+00

-28

-30

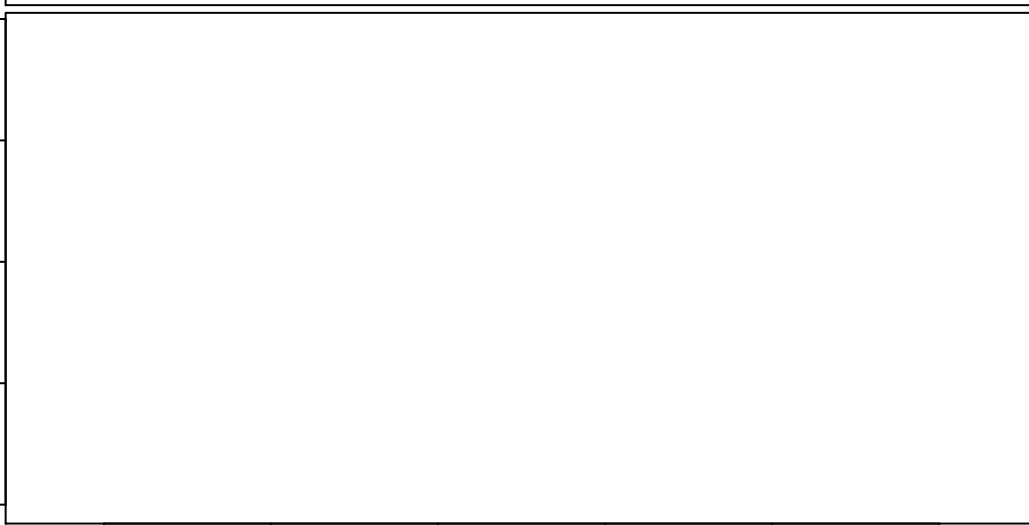
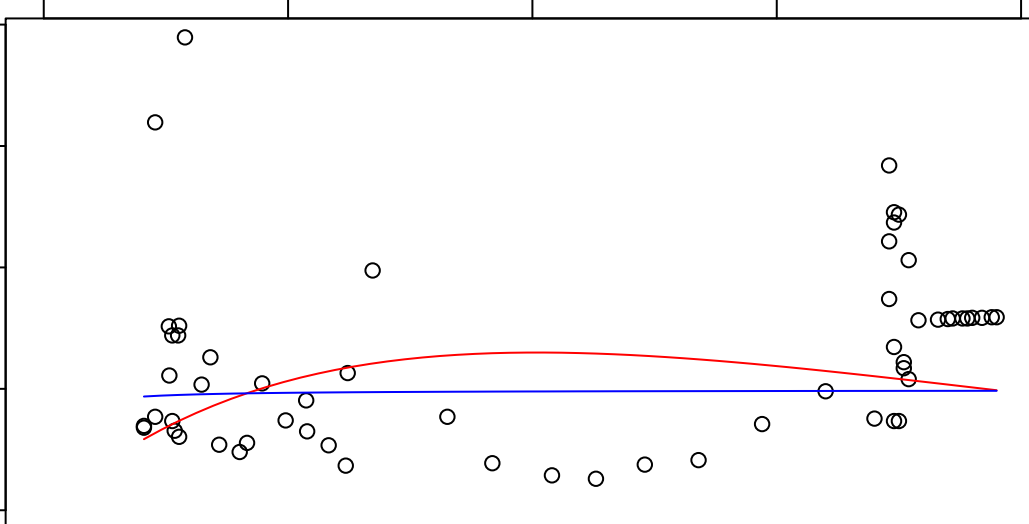
-32

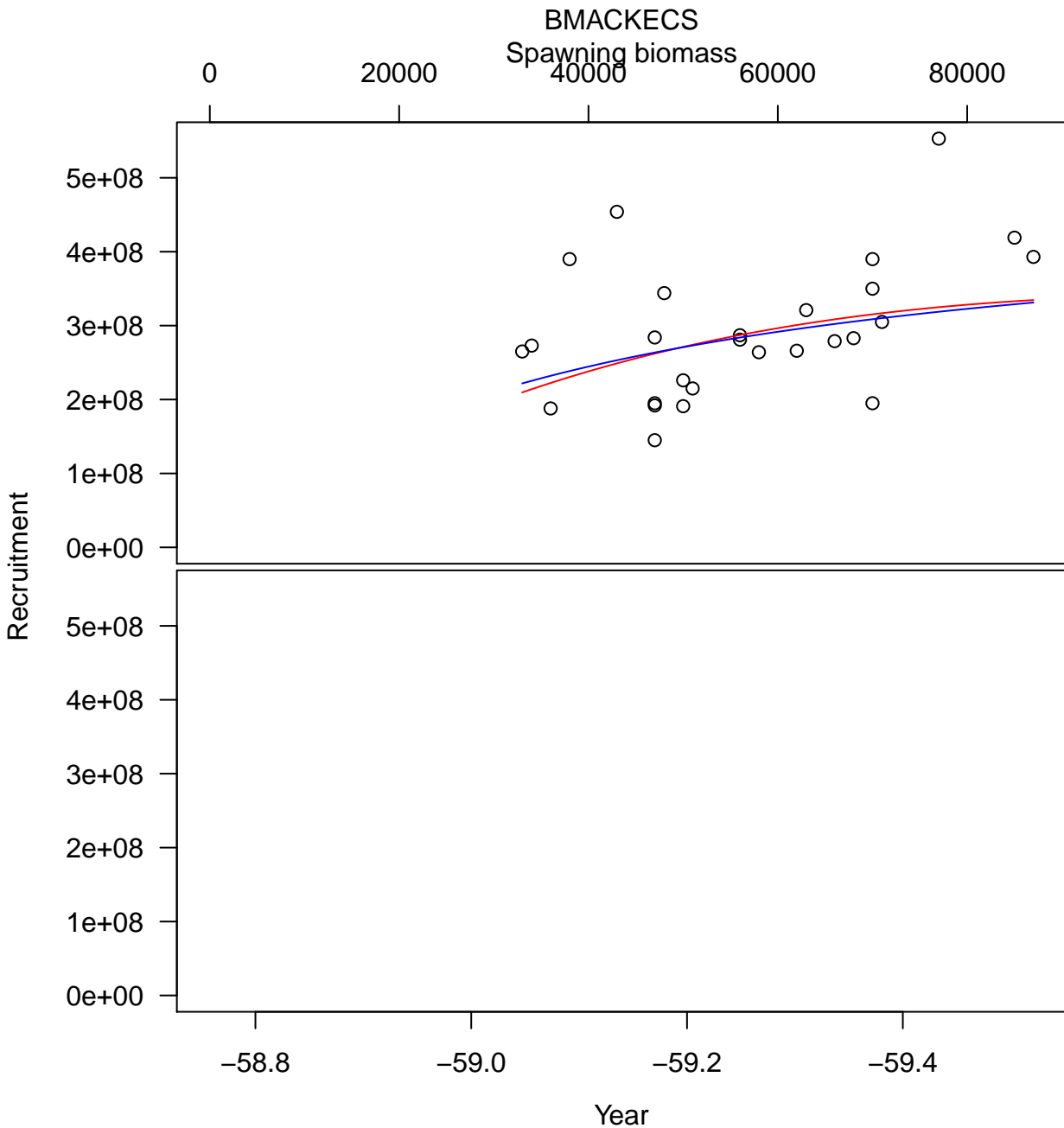
-34

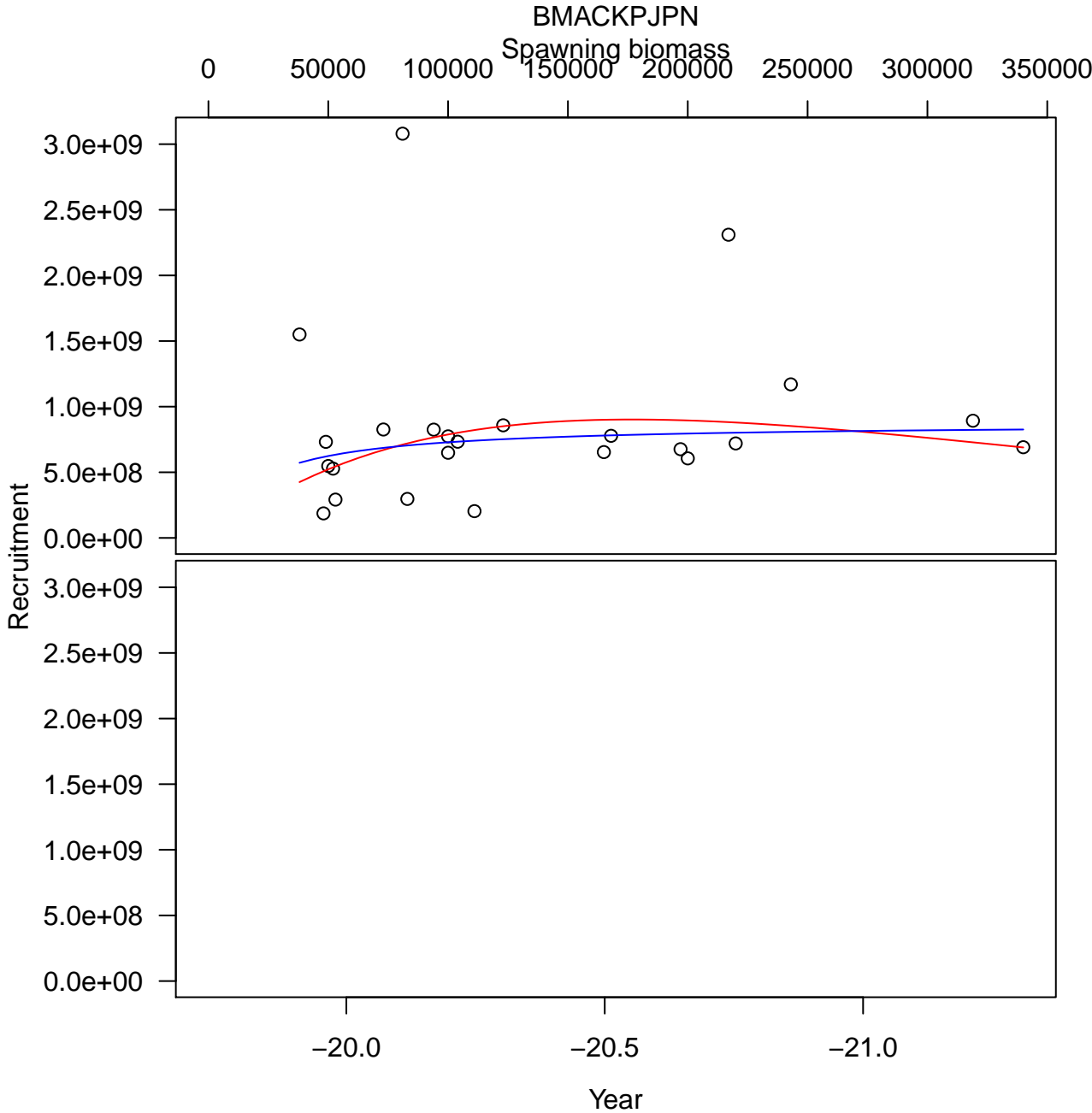
-36

-38

Year







BOCACCSPCOAST

Spawning biomass

0e+00

2e+09

4e+09

6e+09

8e+09

1e+10

5e+07

4e+07

3e+07

2e+07

1e+07

0e+00

Recruitment

5e+07

4e+07

3e+07

2e+07

1e+07

0e+00

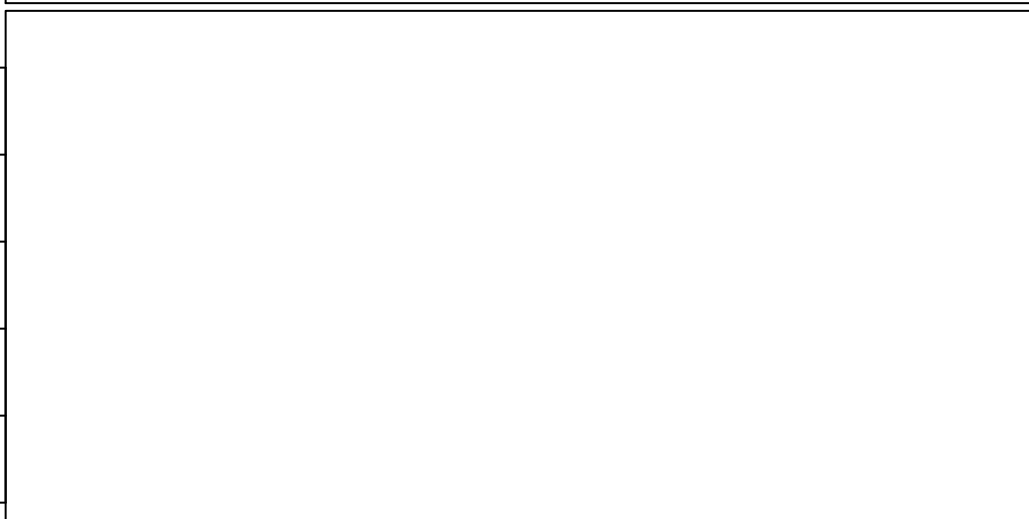
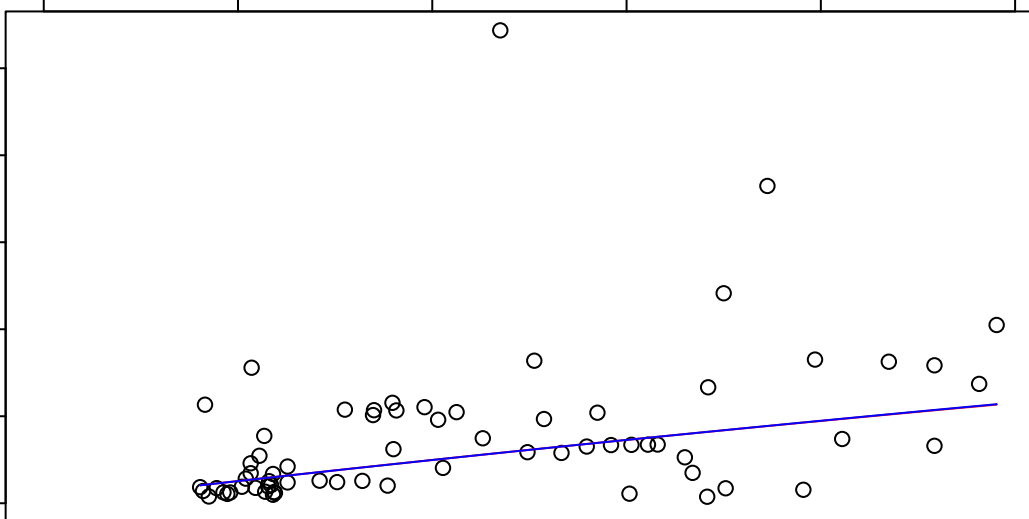
-16.8480

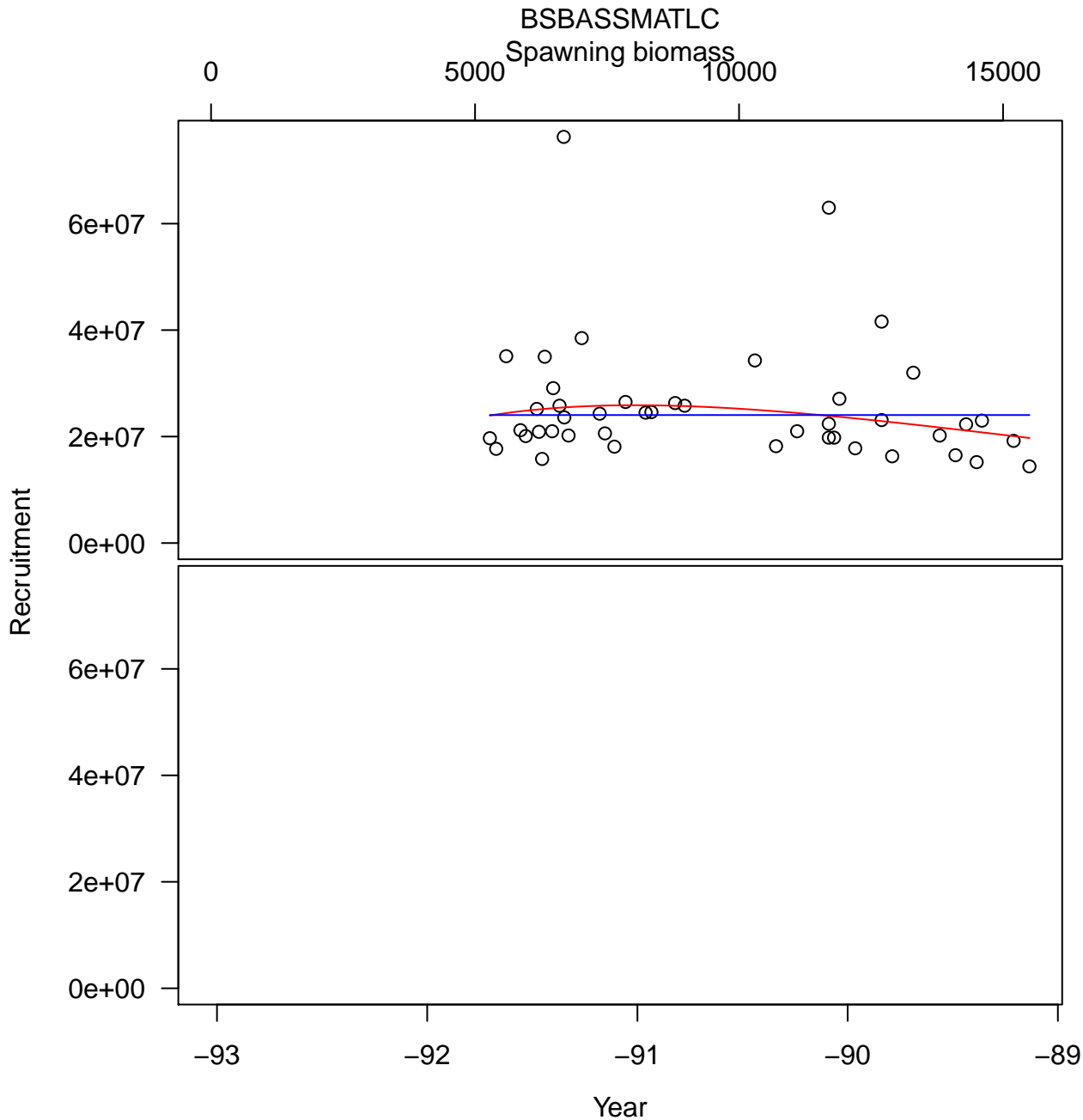
-16.8470

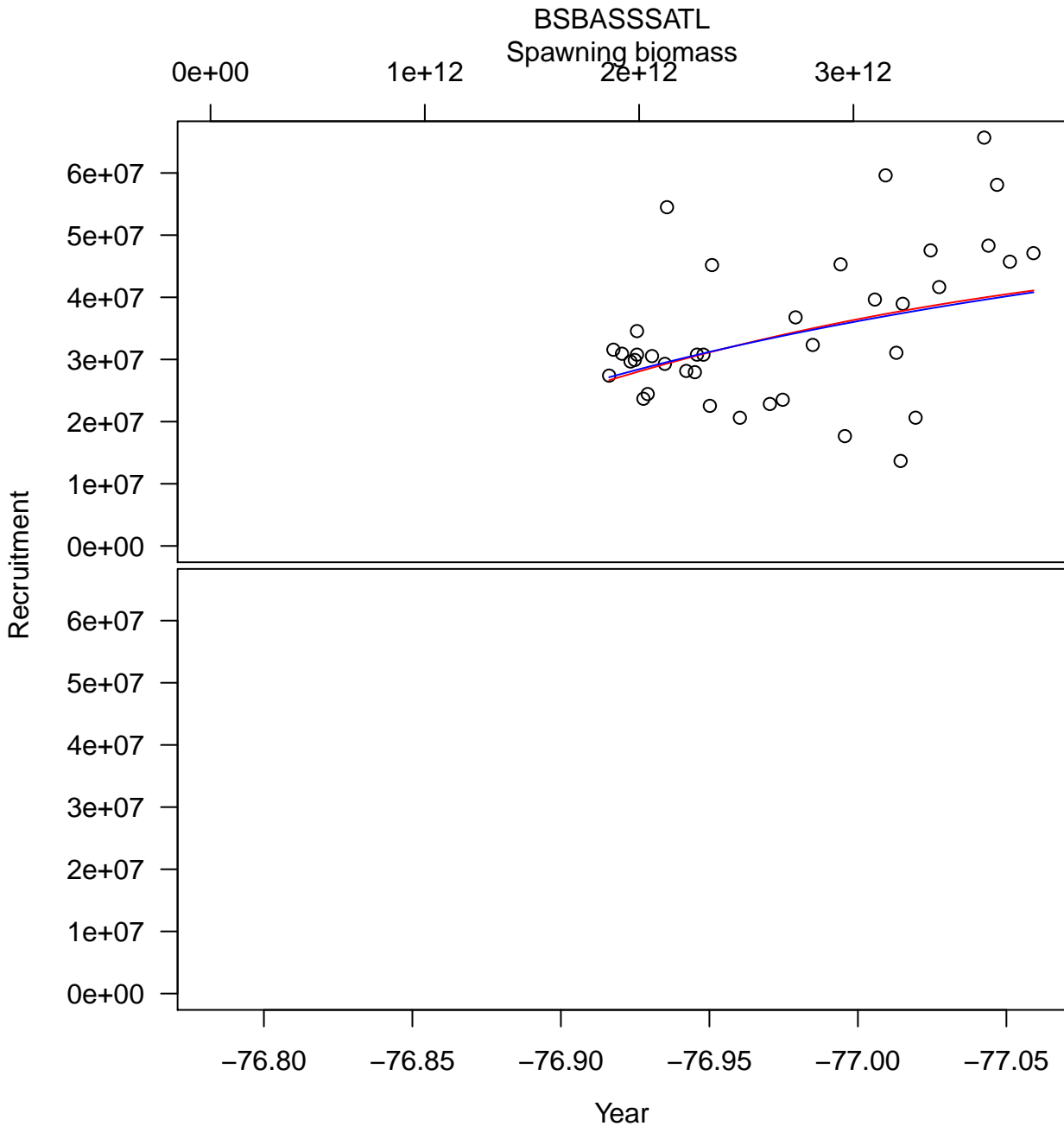
-16.8460

-16.8450

Year







BSQLOBSTERCSCH

Spawning biomass

0

5000

10000

15000

Recruitment

1.2e+09

1.0e+09

8.0e+08

6.0e+08

4.0e+08

2.0e+08

0.0e+00

1.2e+09

1.0e+09

8.0e+08

6.0e+08

4.0e+08

2.0e+08

0.0e+00

-34

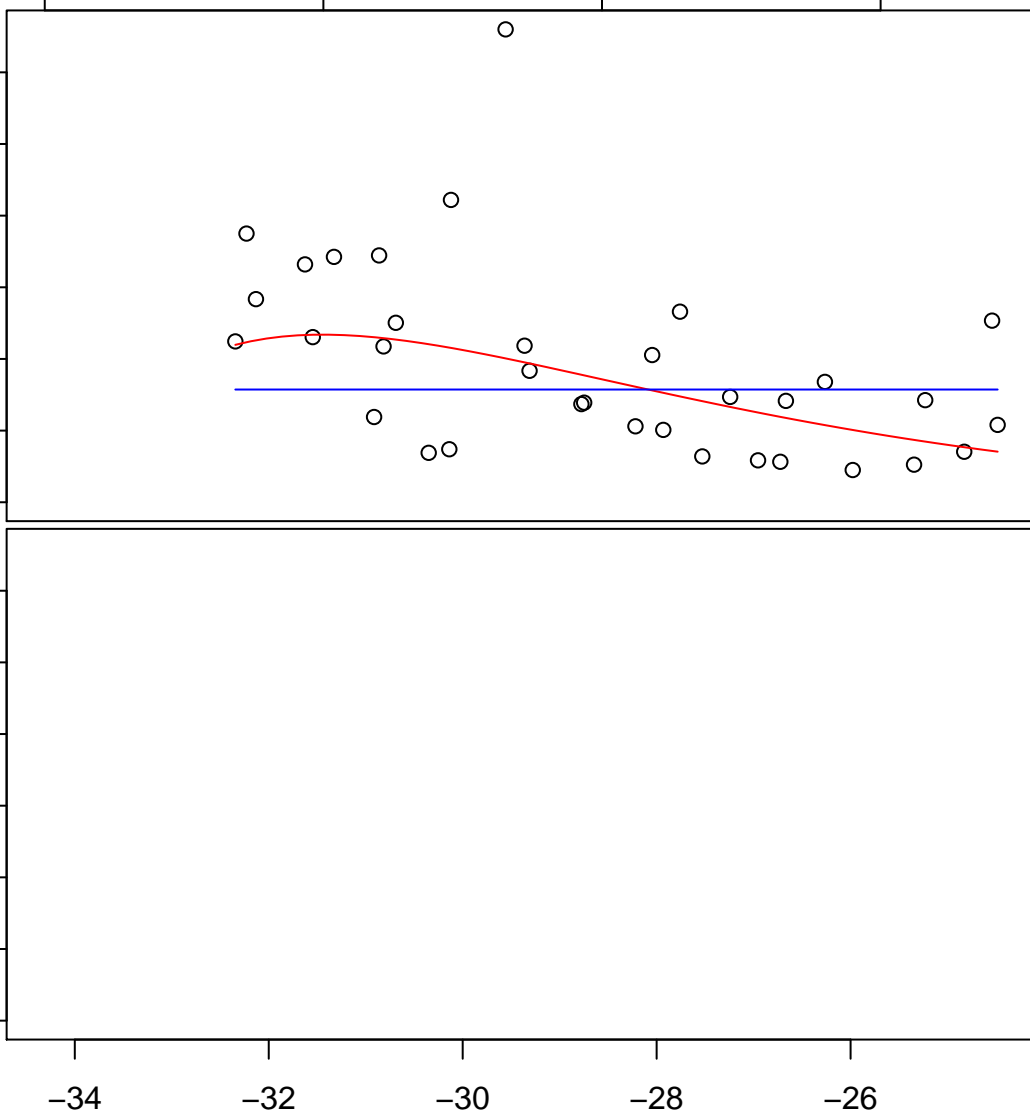
-32

-30

-28

-26

Year



BSQLOBSTERNCH

Spawning biomass

0 1000 2000 3000 4000

Recruitment

3e+08

2e+08

1e+08

0e+00

3e+08

2e+08

1e+08

0e+00

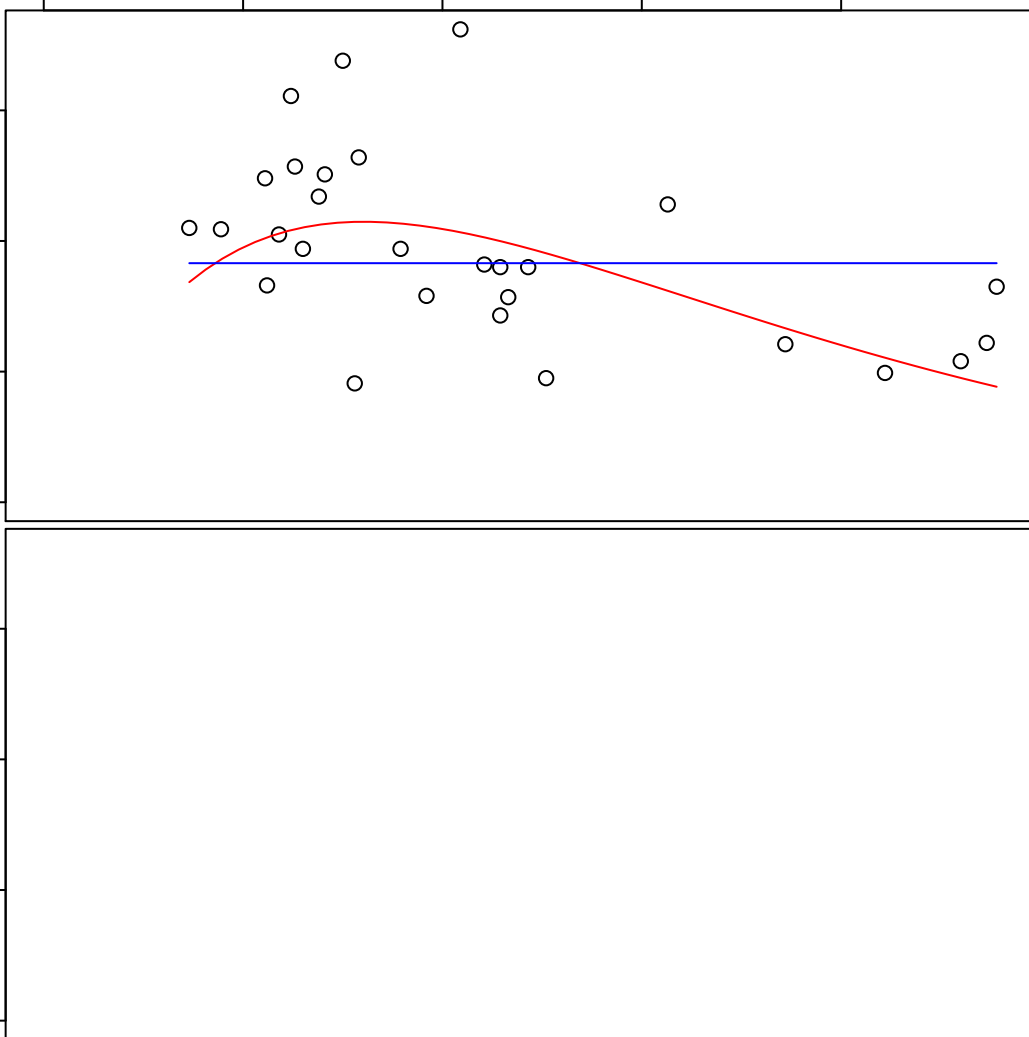
-54

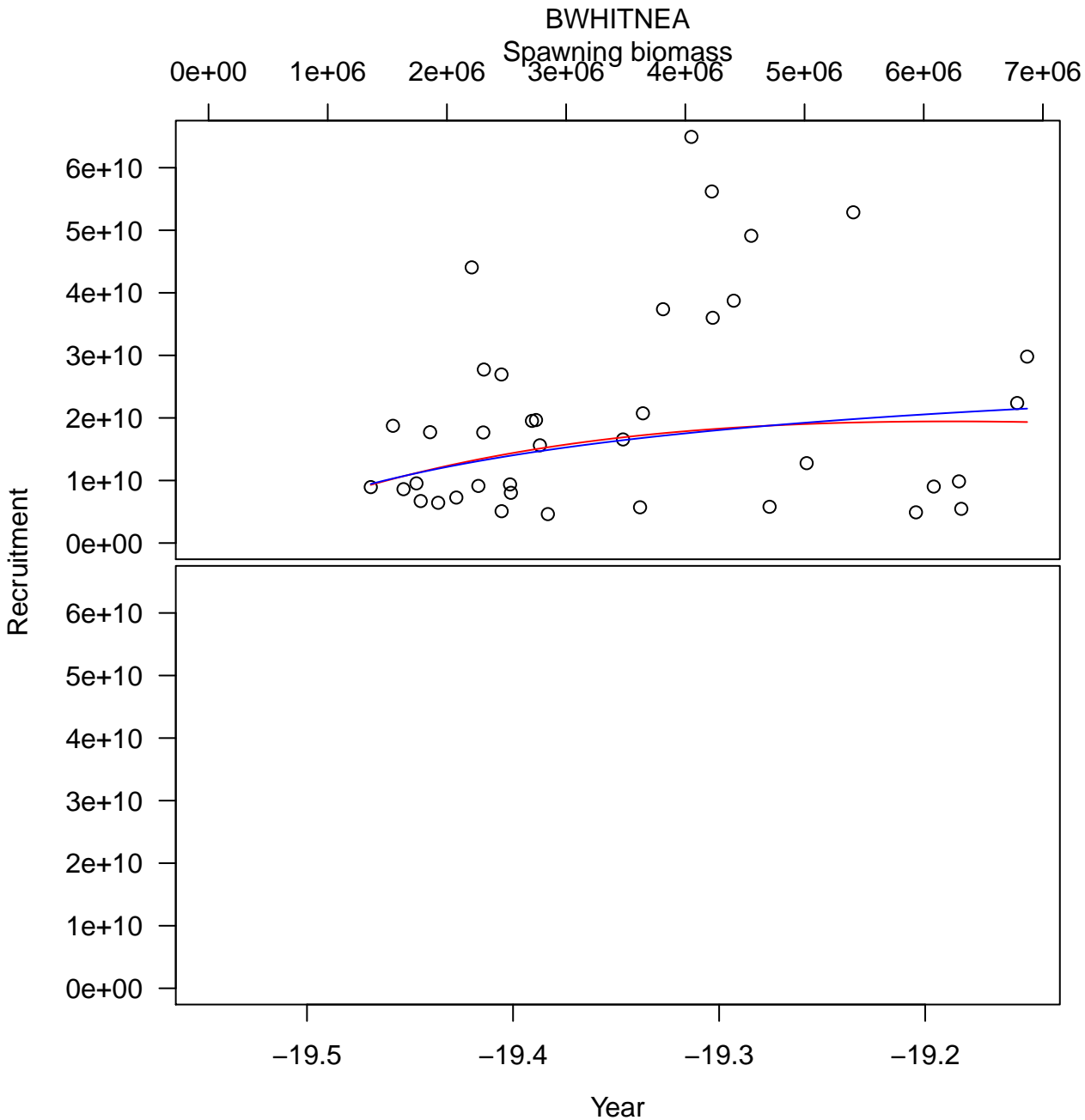
-52

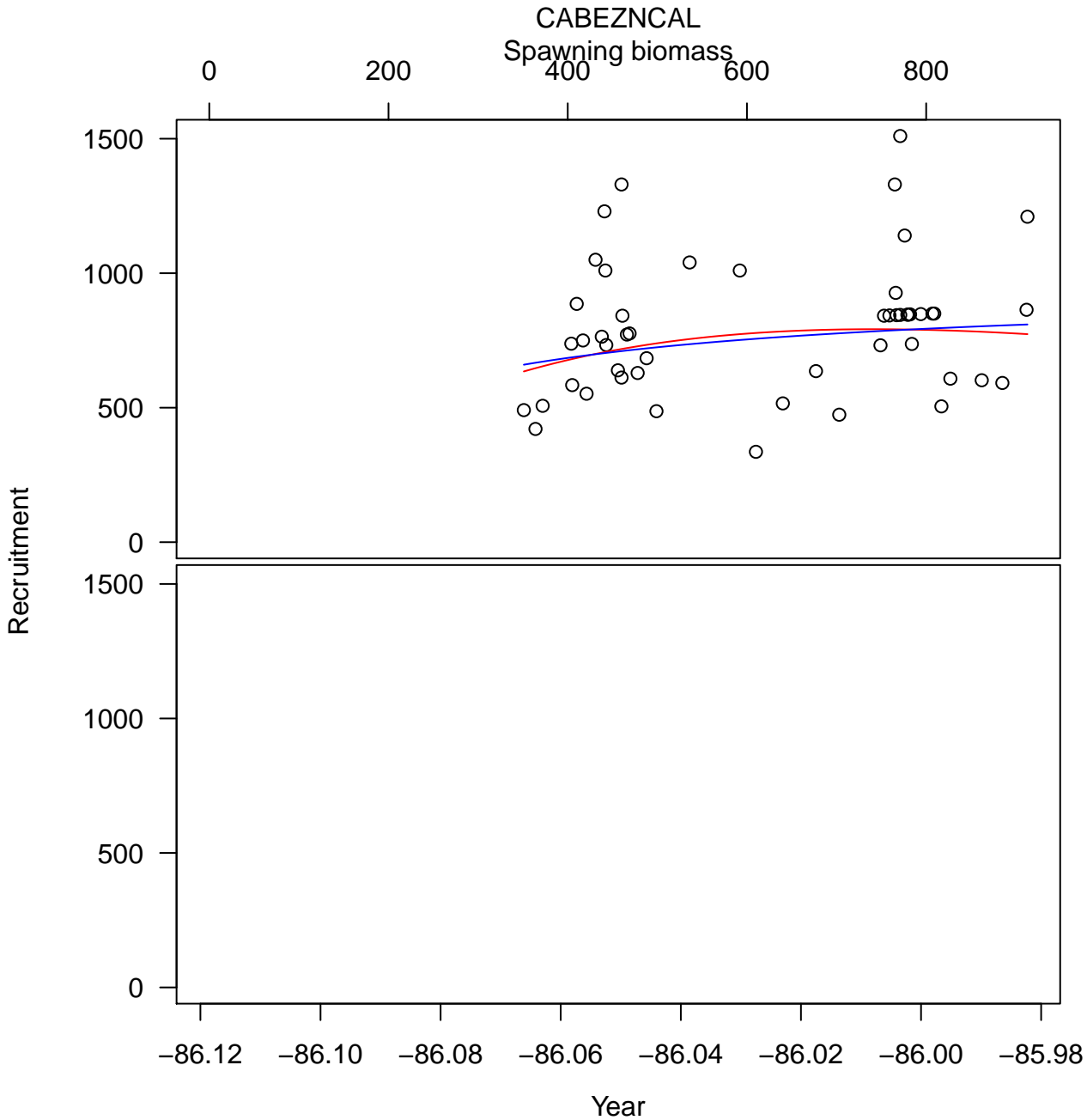
-50

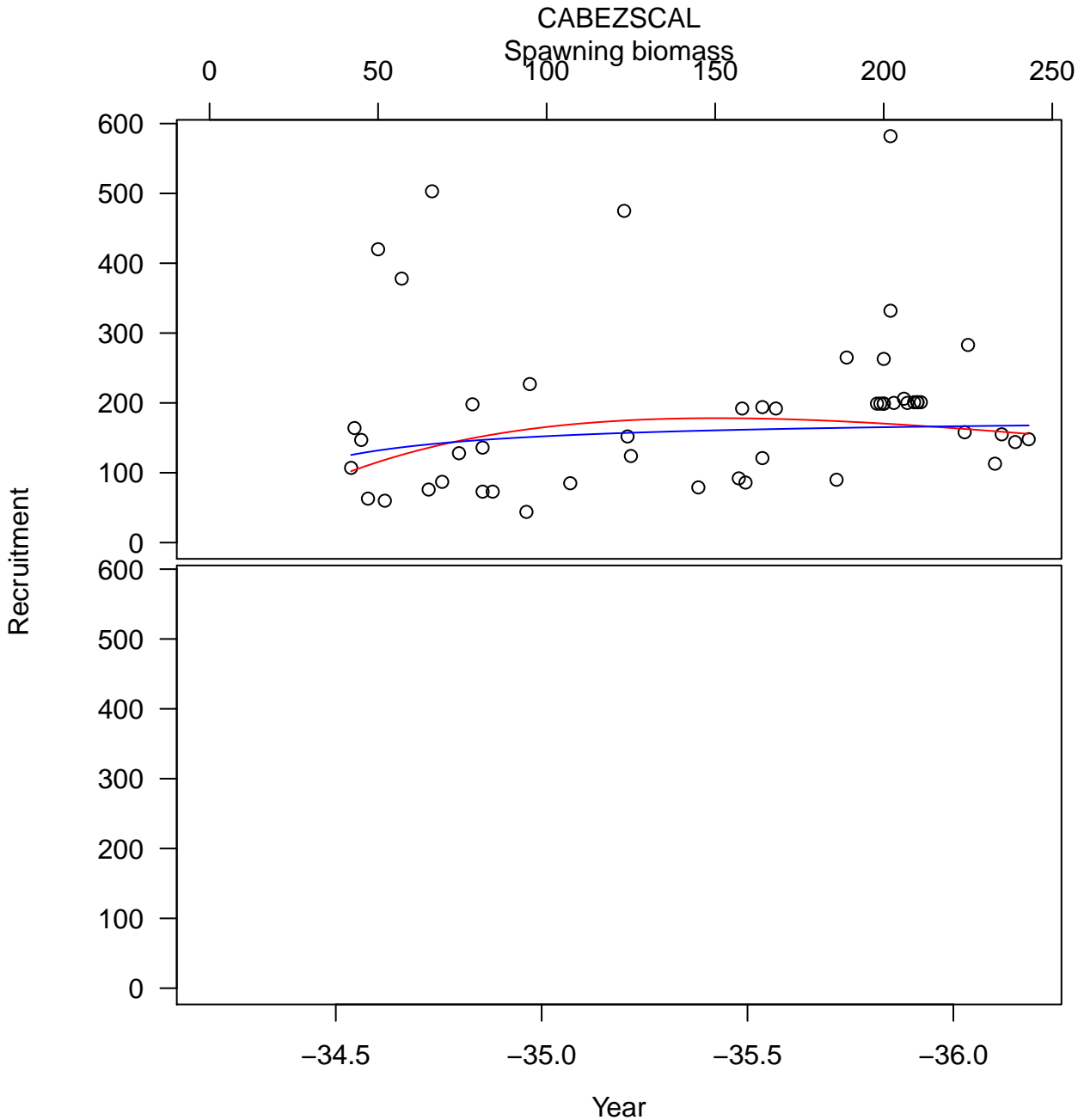
-48

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

-62.0

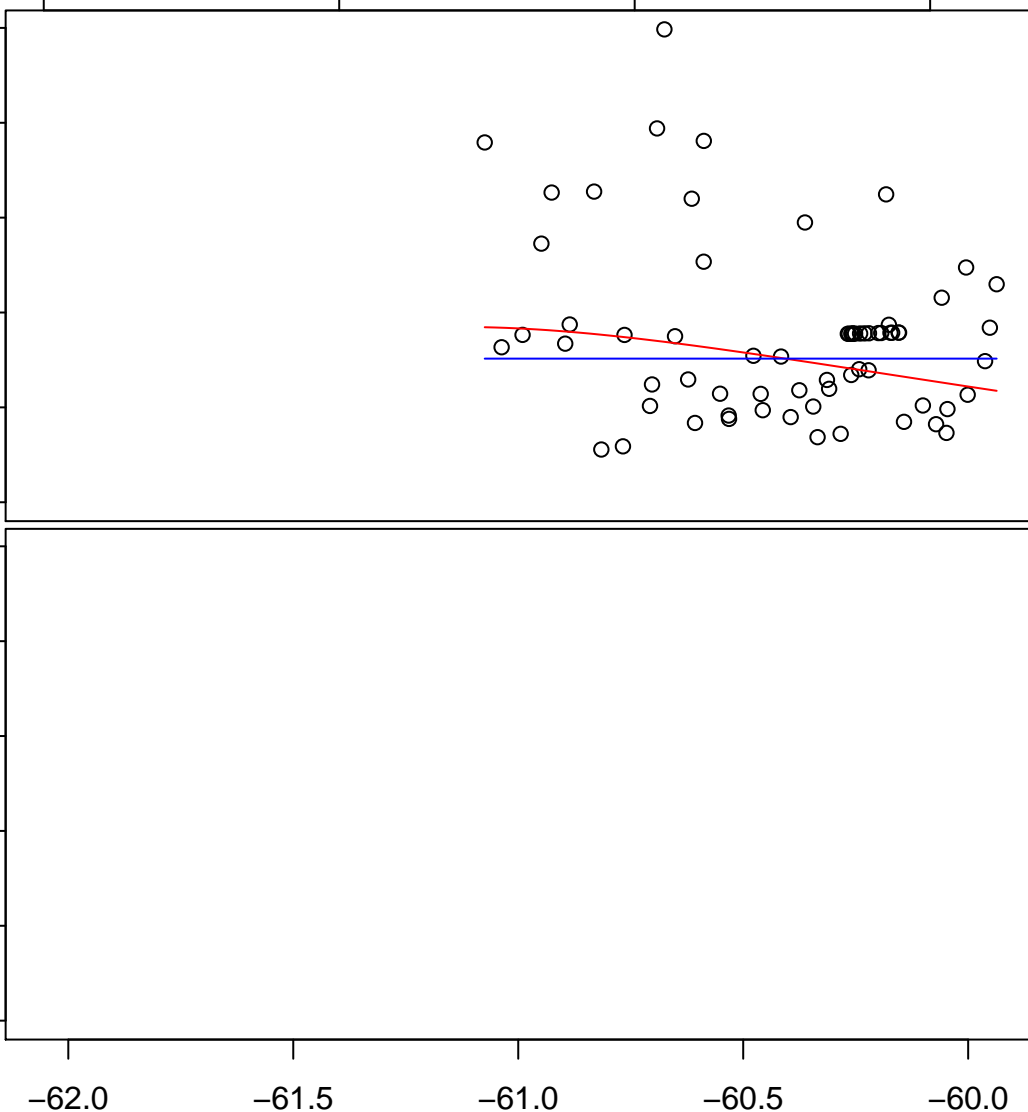
-61.5

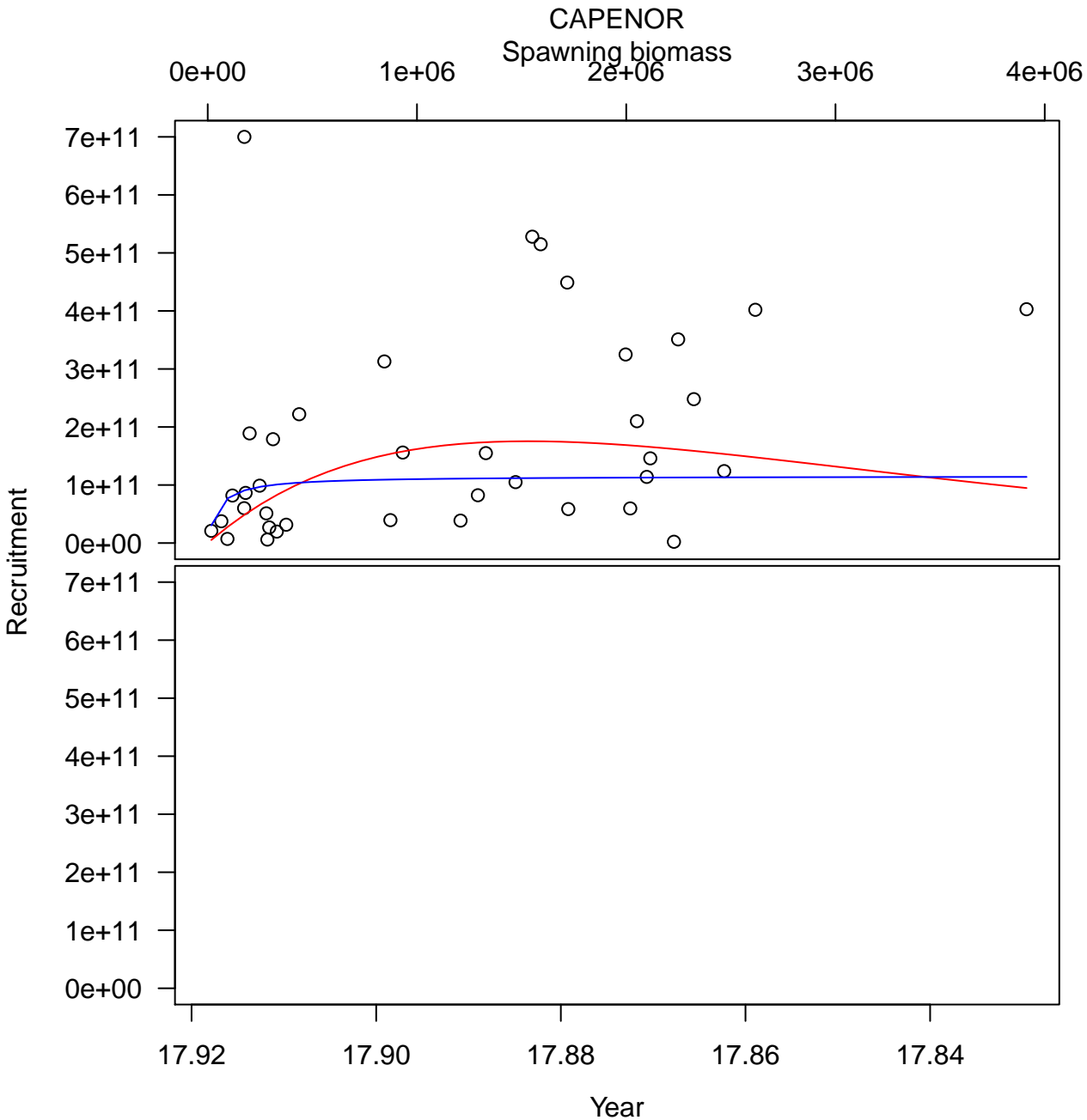
-61.0

-60.5

-60.0

Year





CHERRCHVX
Spawning biomass

0 500000 1000000 1500000

Recruitment

8e+10
6e+10
4e+10
2e+10
0e+00

8e+10
6e+10
4e+10
2e+10
0e+00

-5

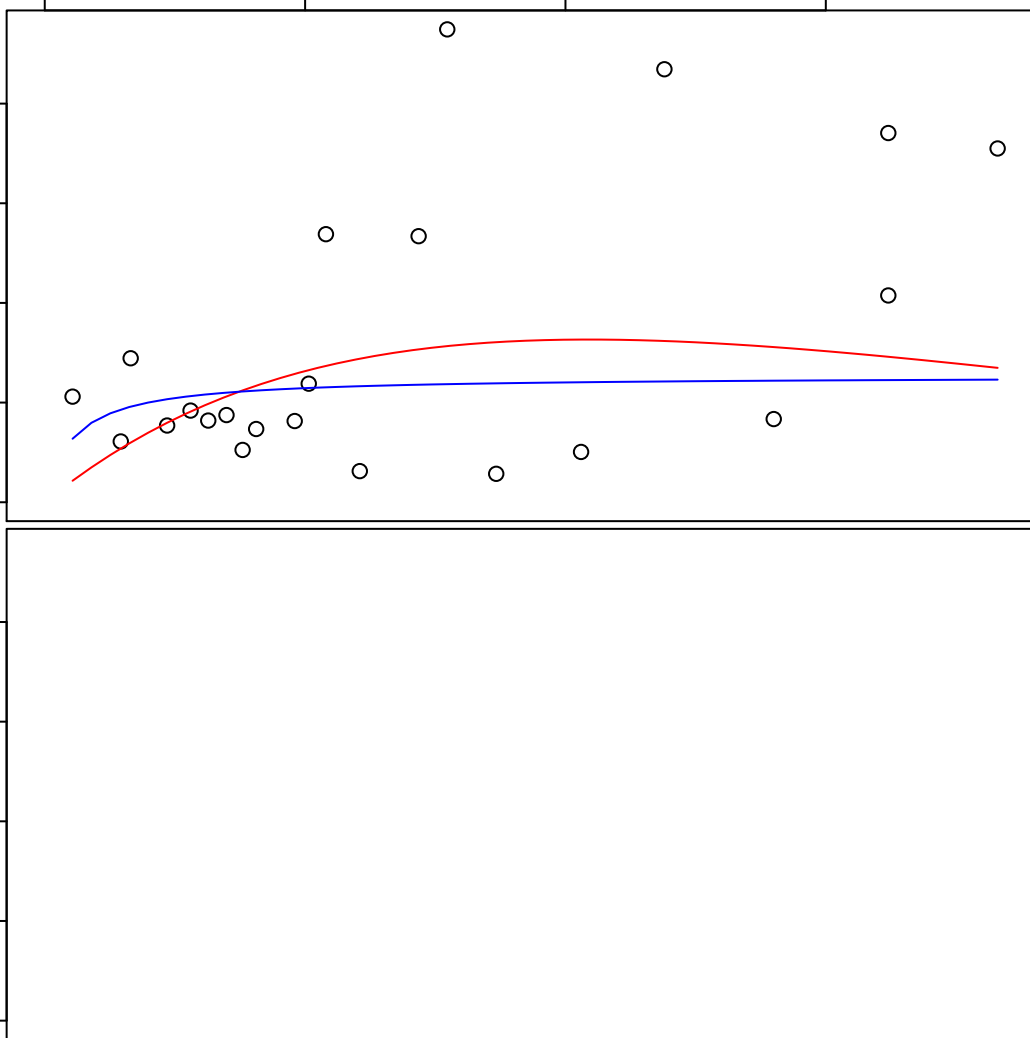
-6

-7

-8

-9

Year



CHILISPCOAST

Spawning biomass

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

2.0e+08

1.5e+08

1.0e+08

5.0e+07

0.0e+00

Recruitment

2.0e+08

1.5e+08

1.0e+08

5.0e+07

0.0e+00

-2.0

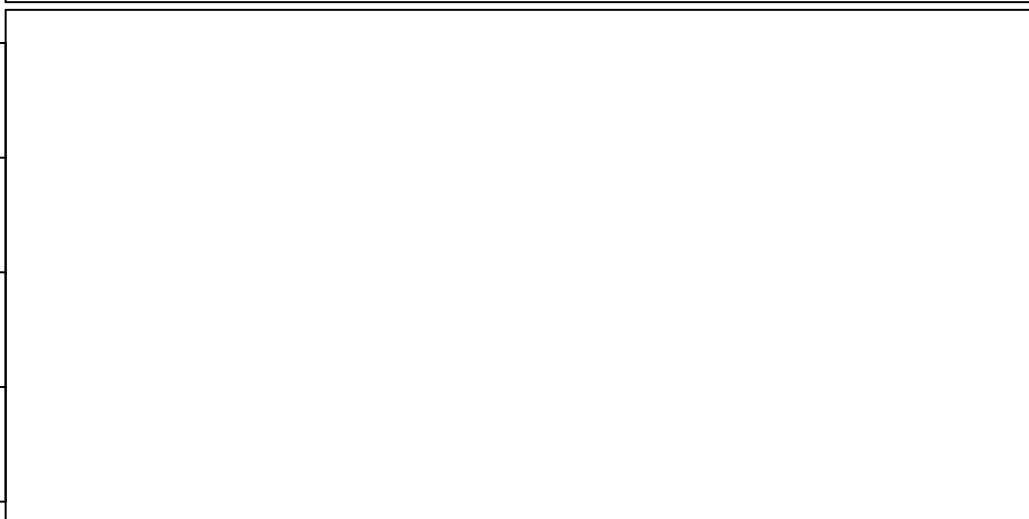
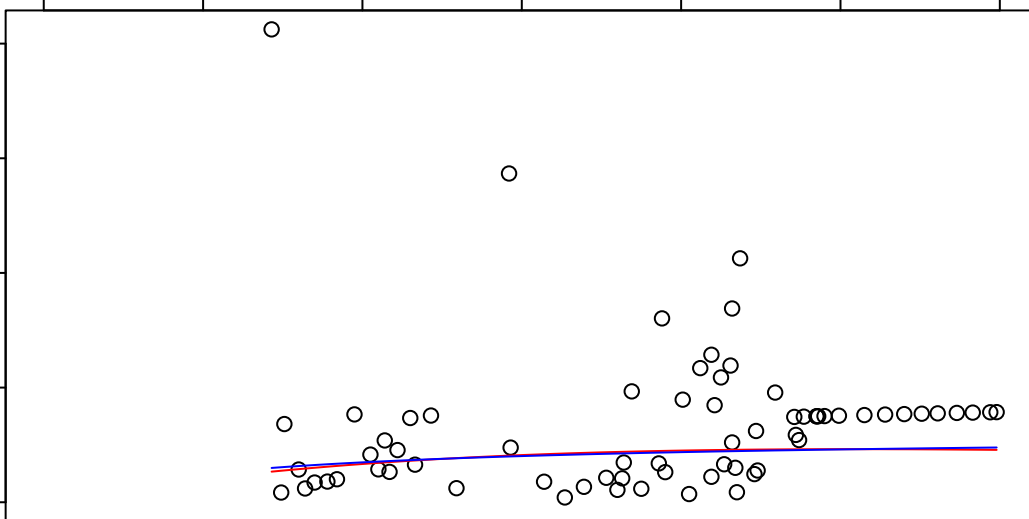
-2.1

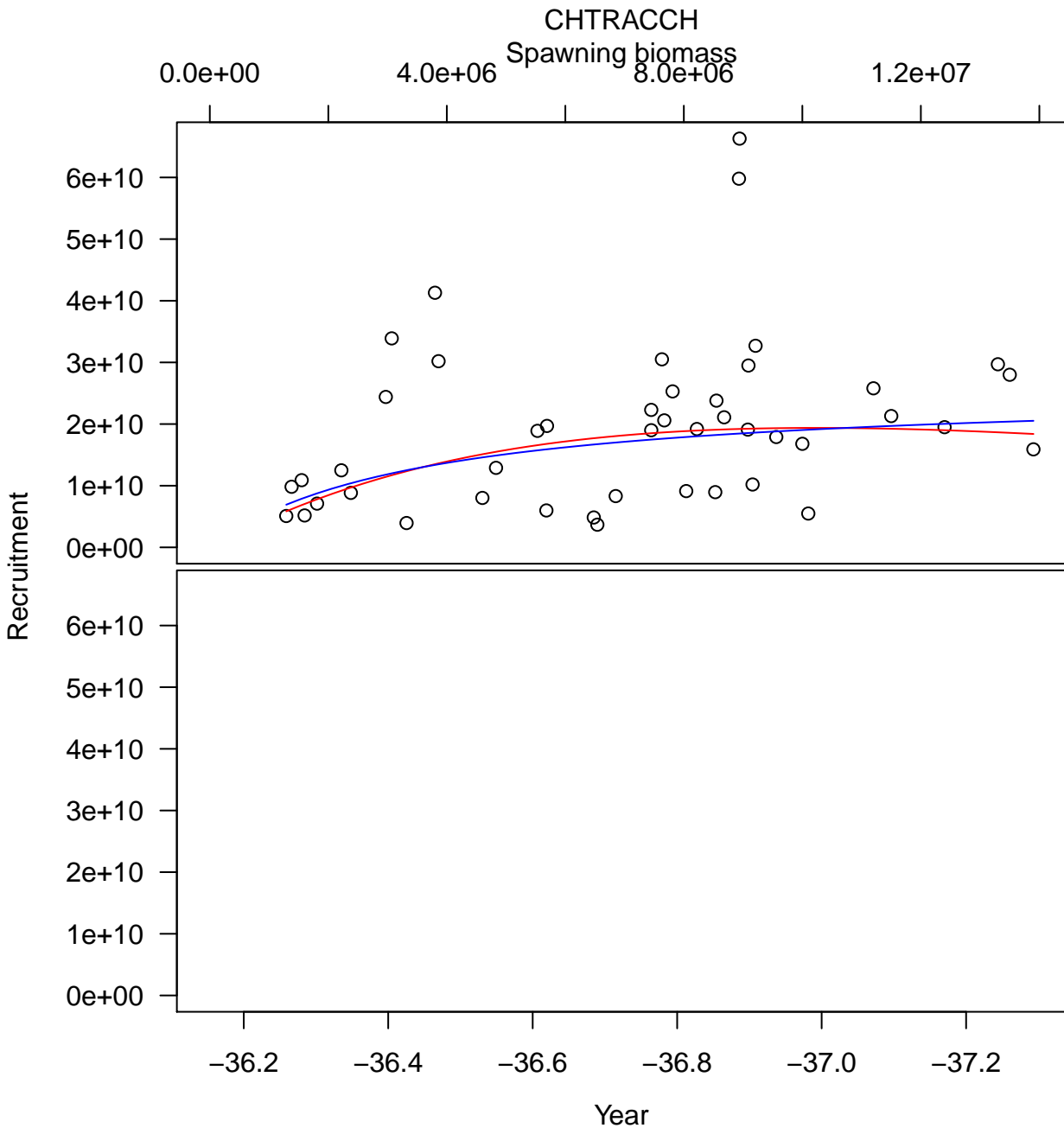
-2.2

-2.3

-2.4

Year

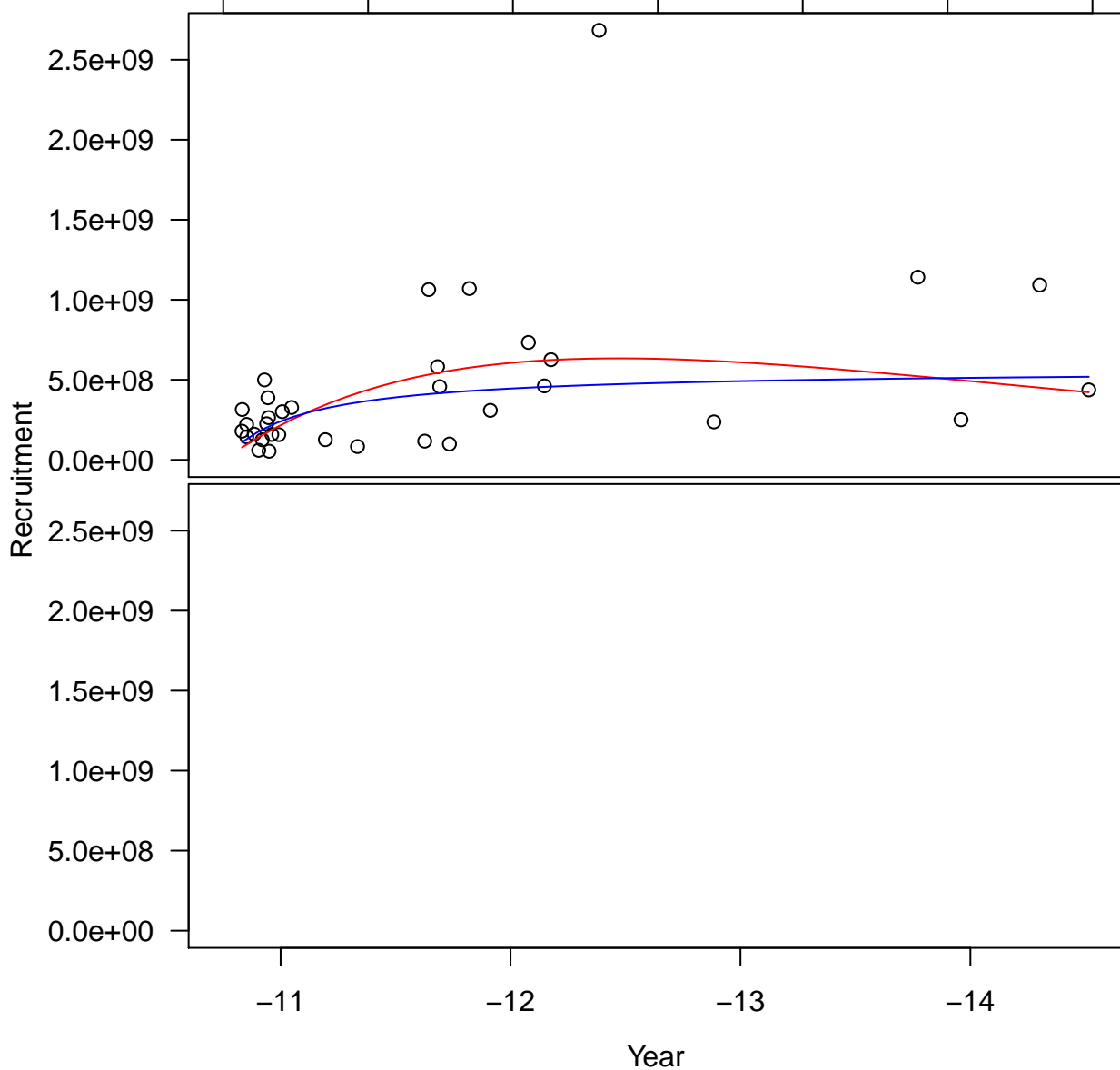


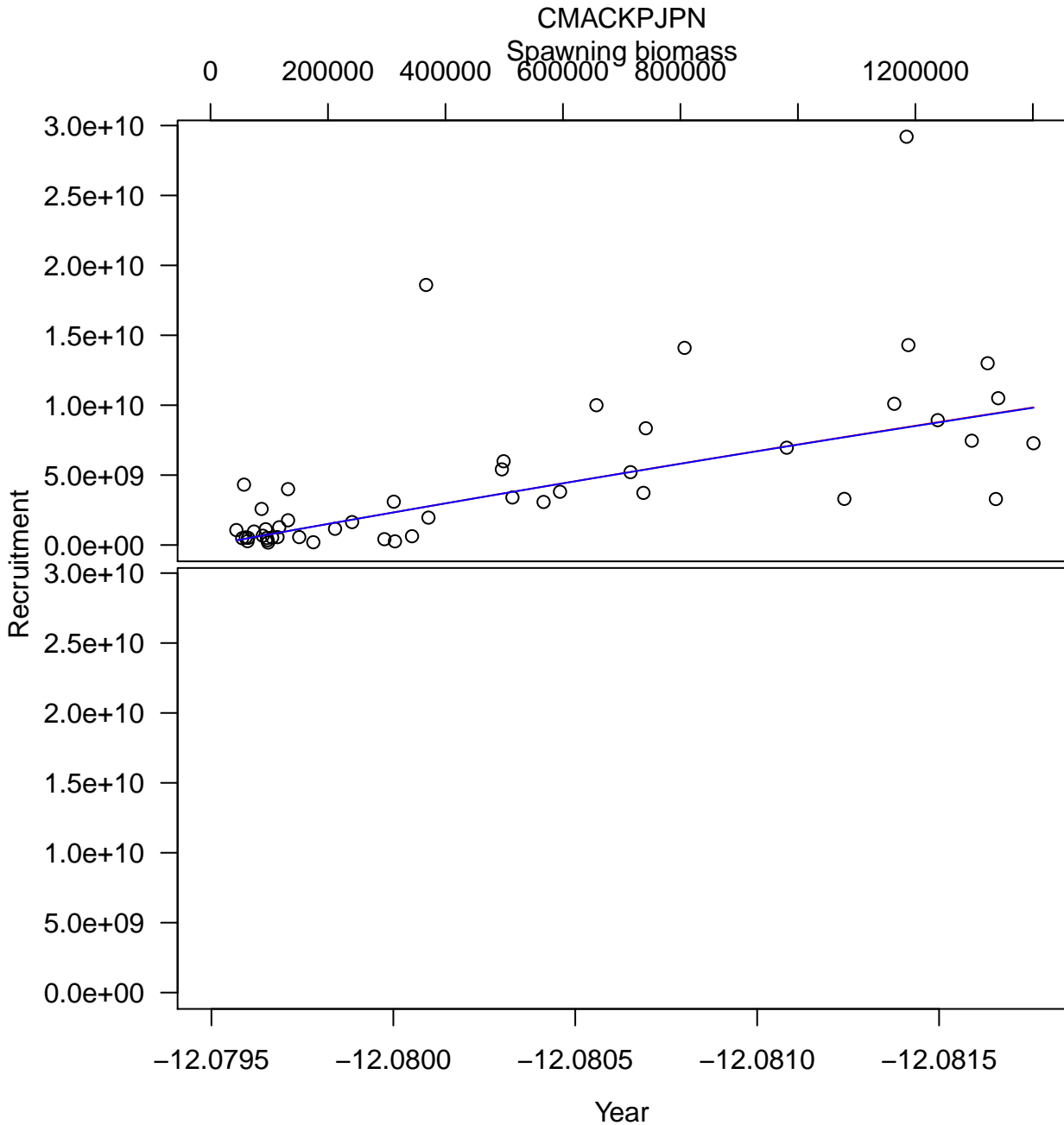


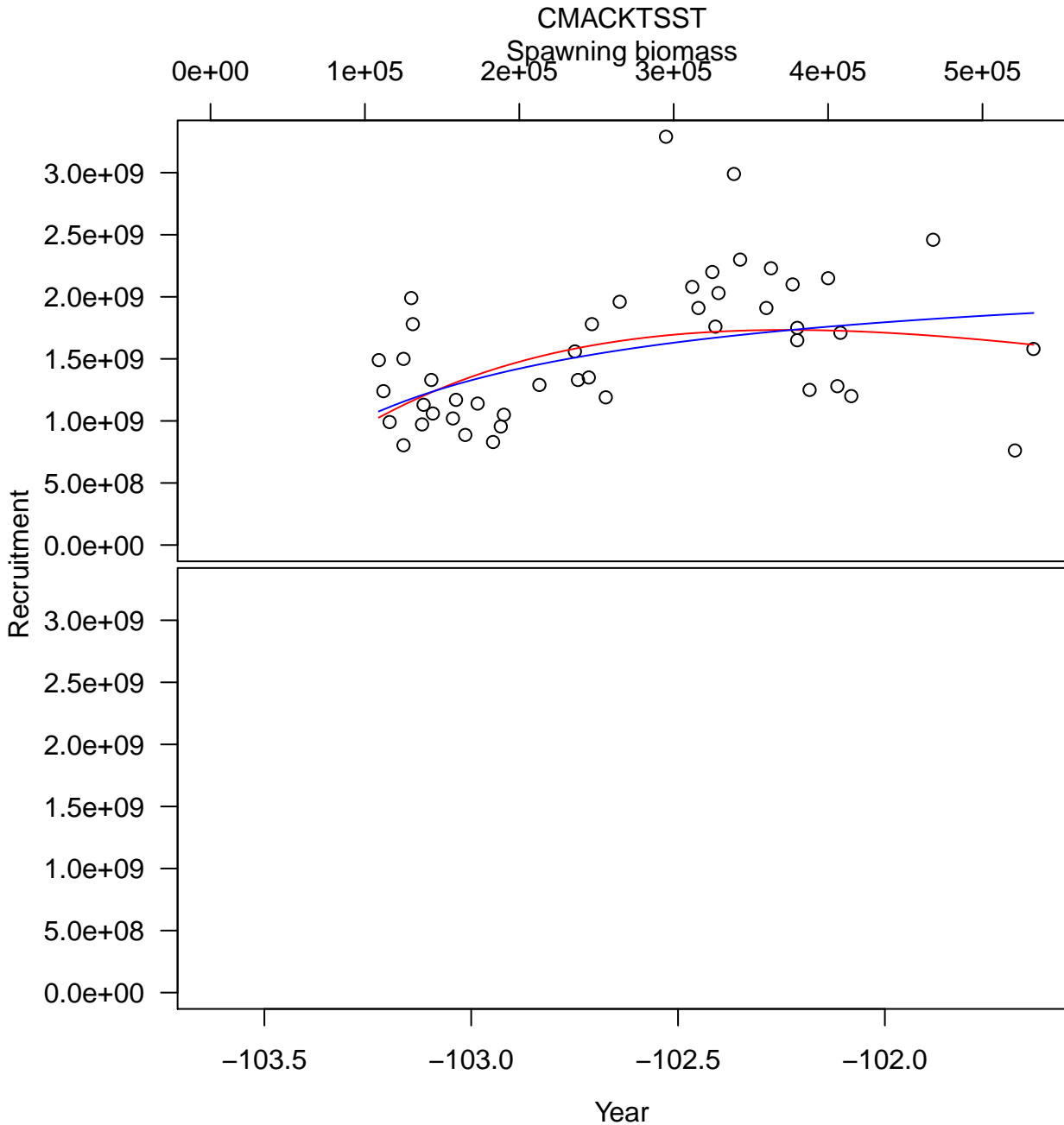
CMACKPCOAST

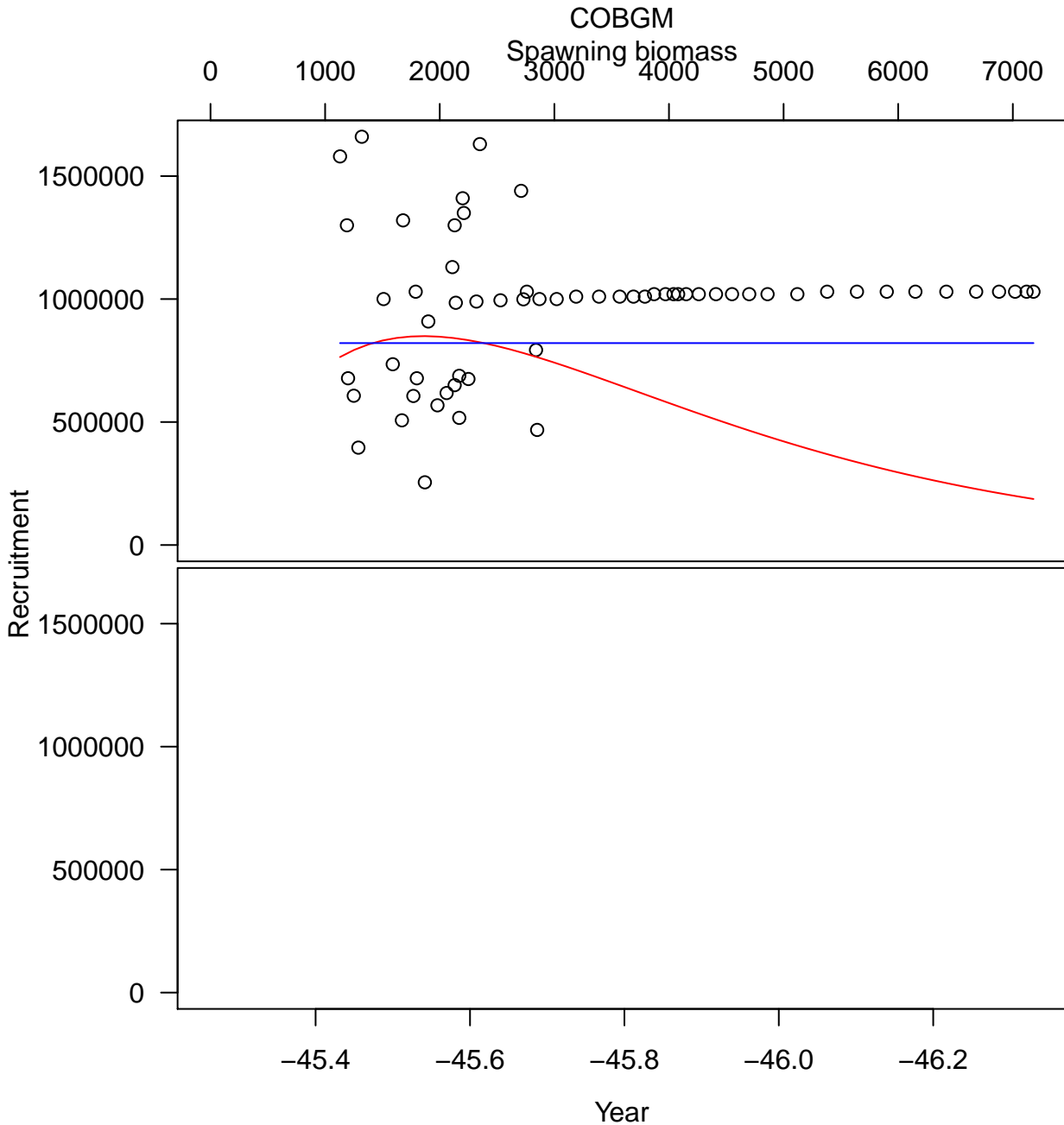
Spawning biomass

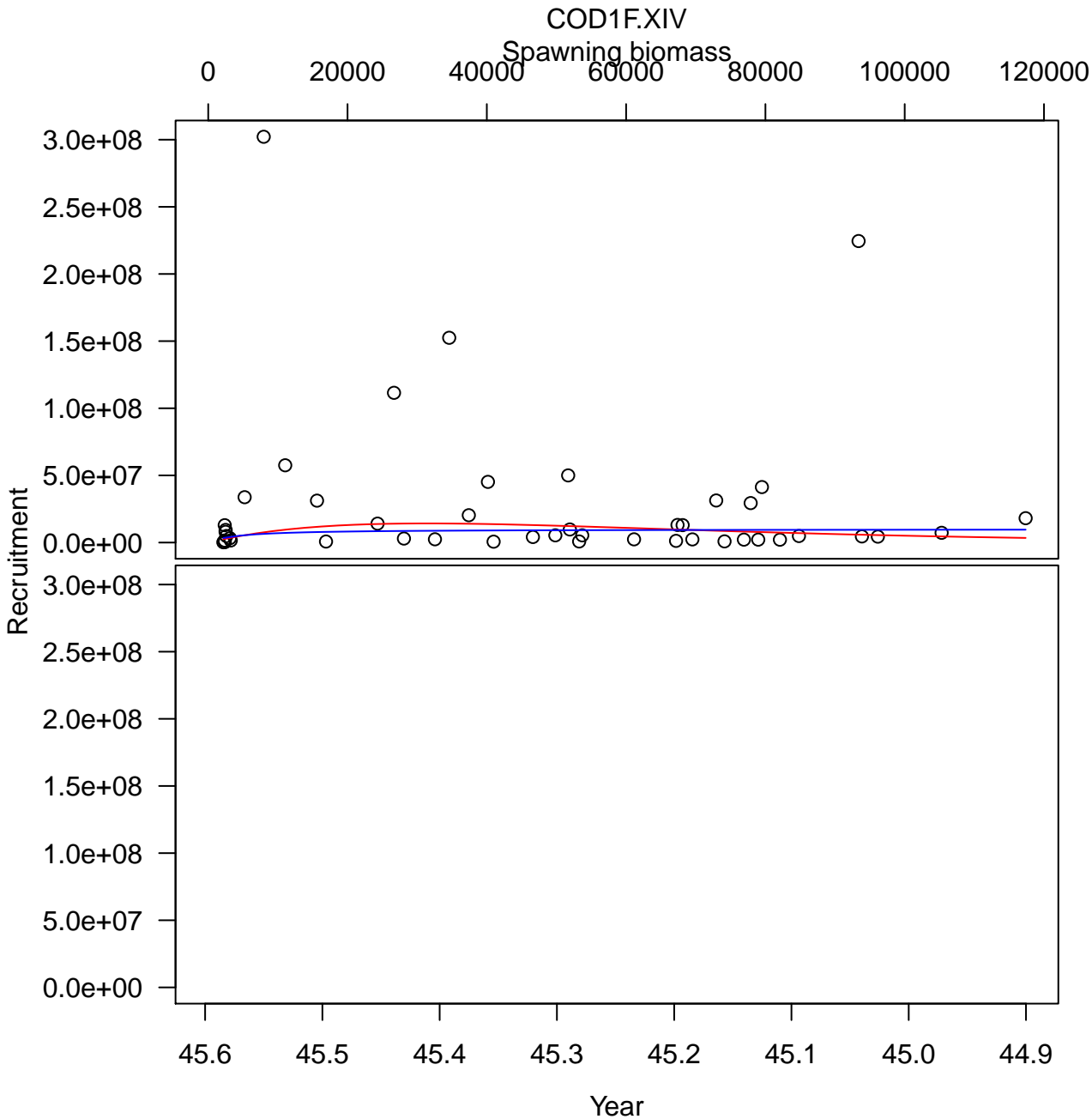
0e+00 1e+05 2e+05 3e+05 4e+05 5e+05 6e+05

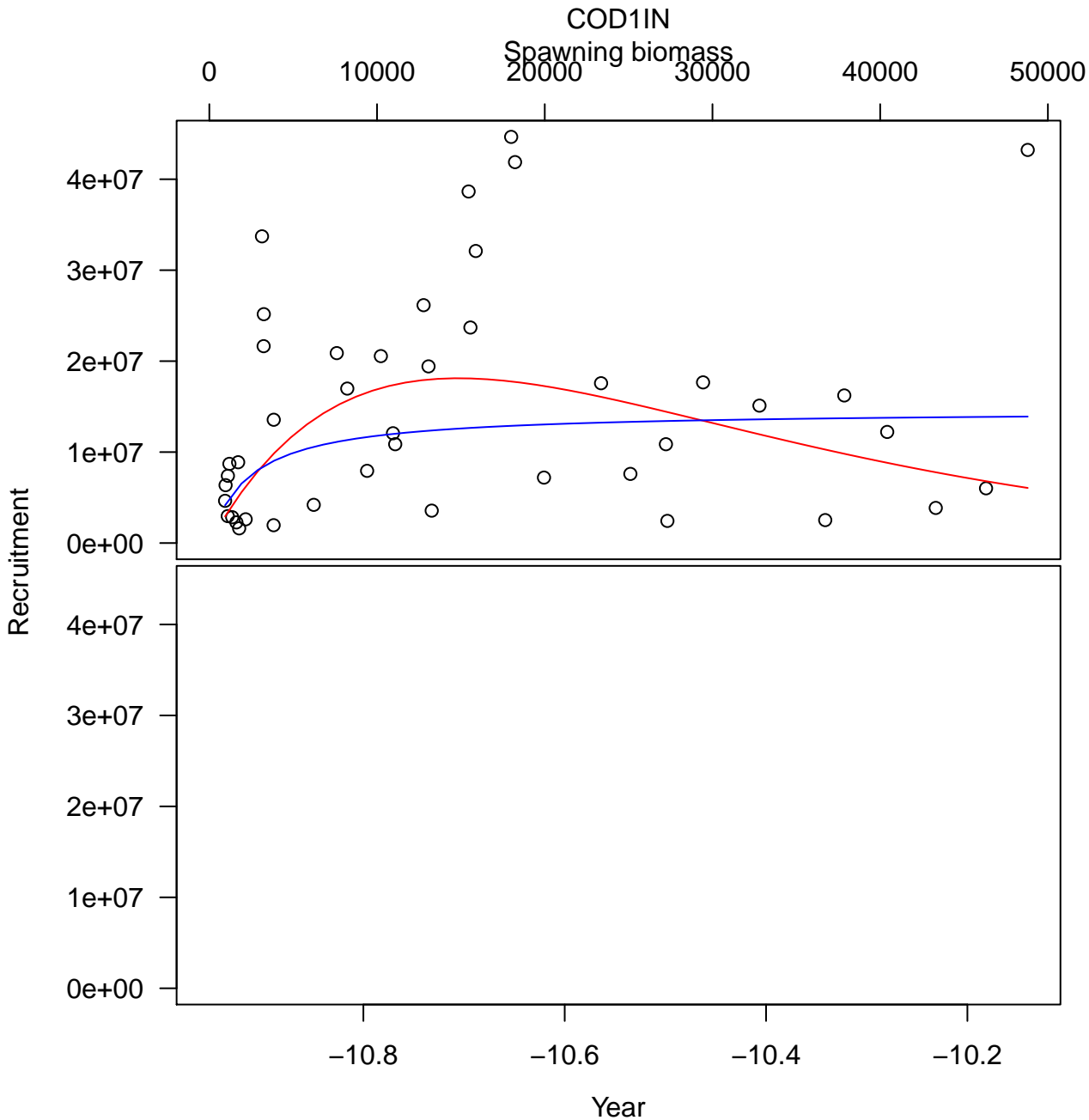


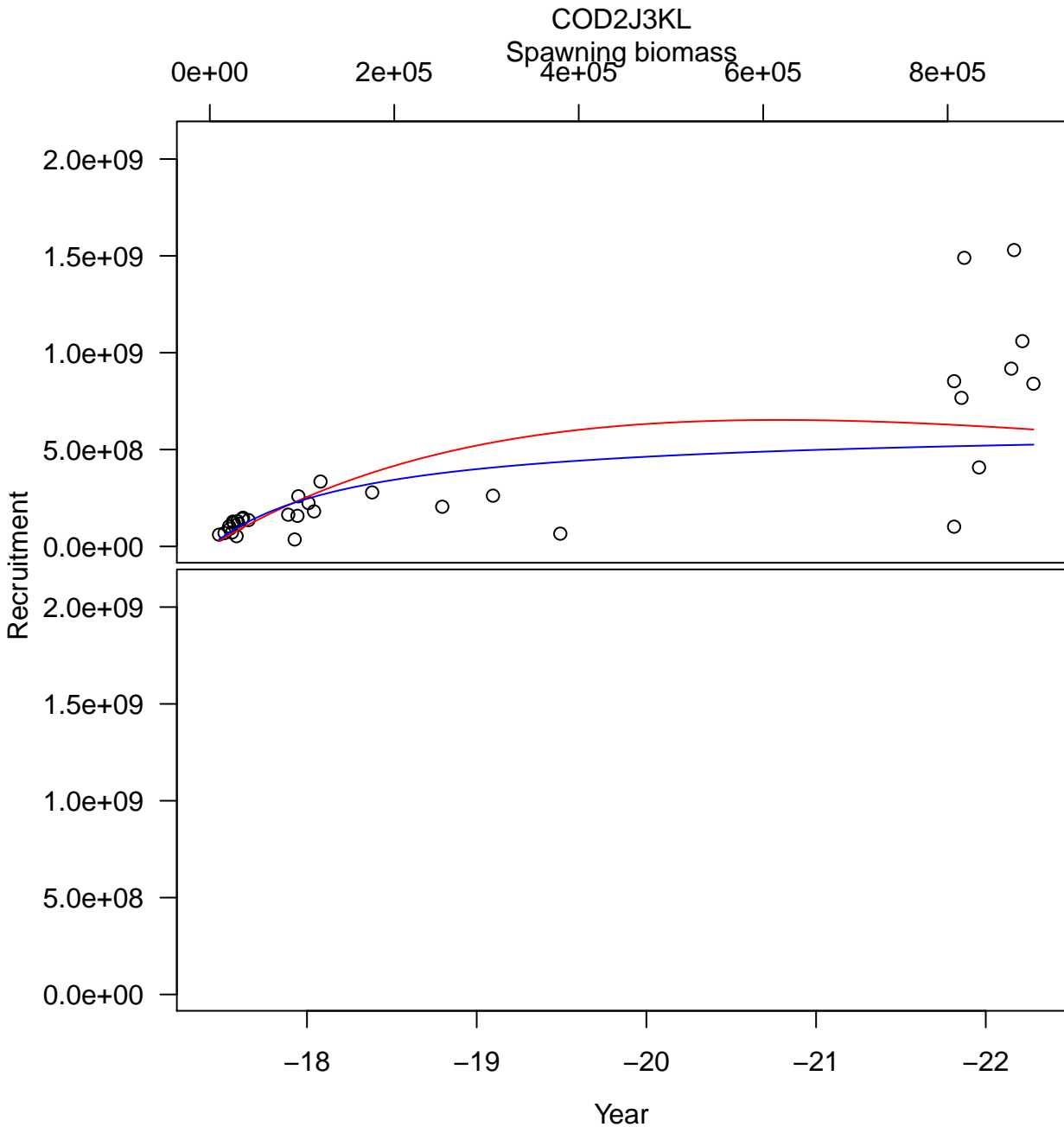


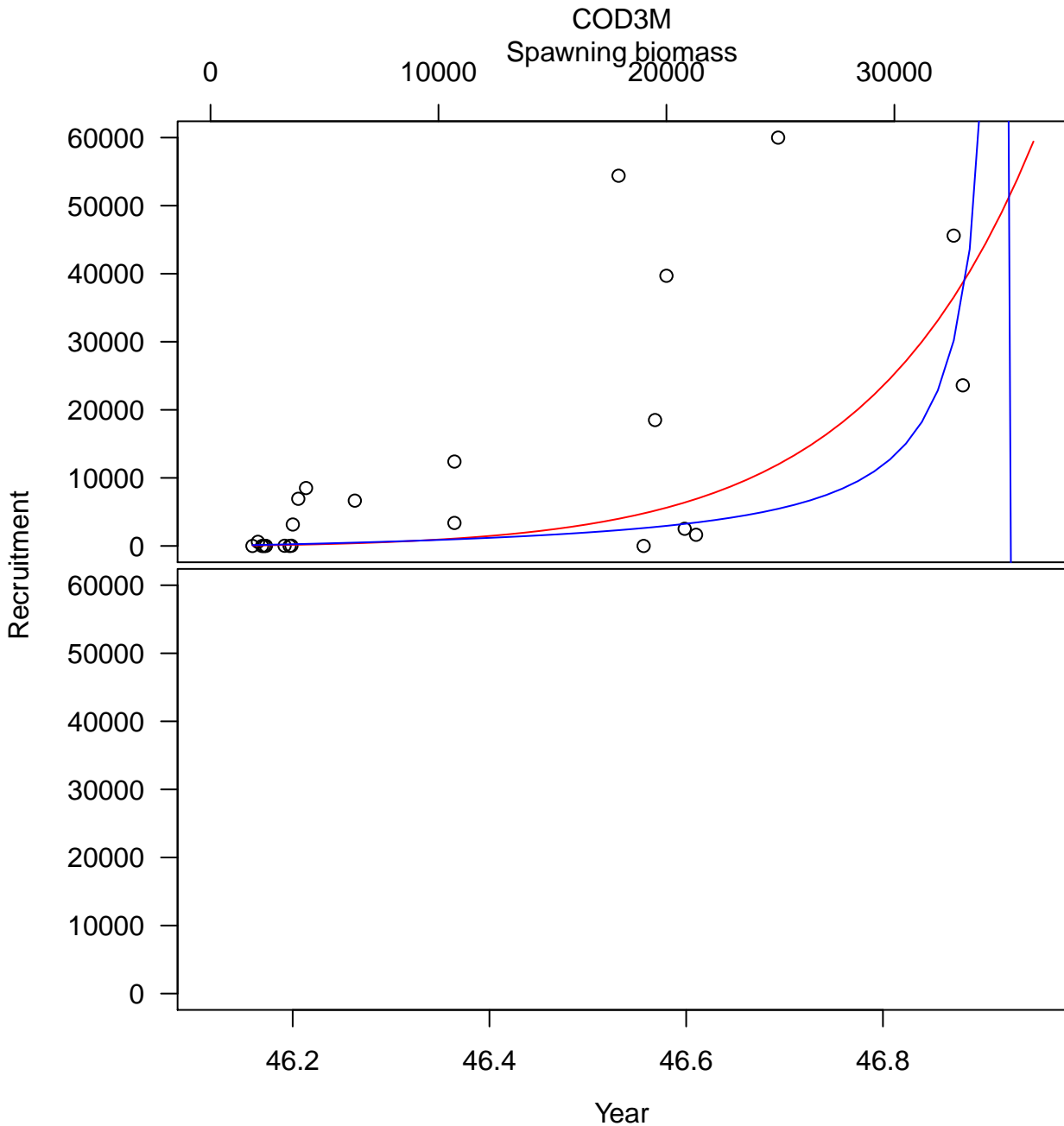


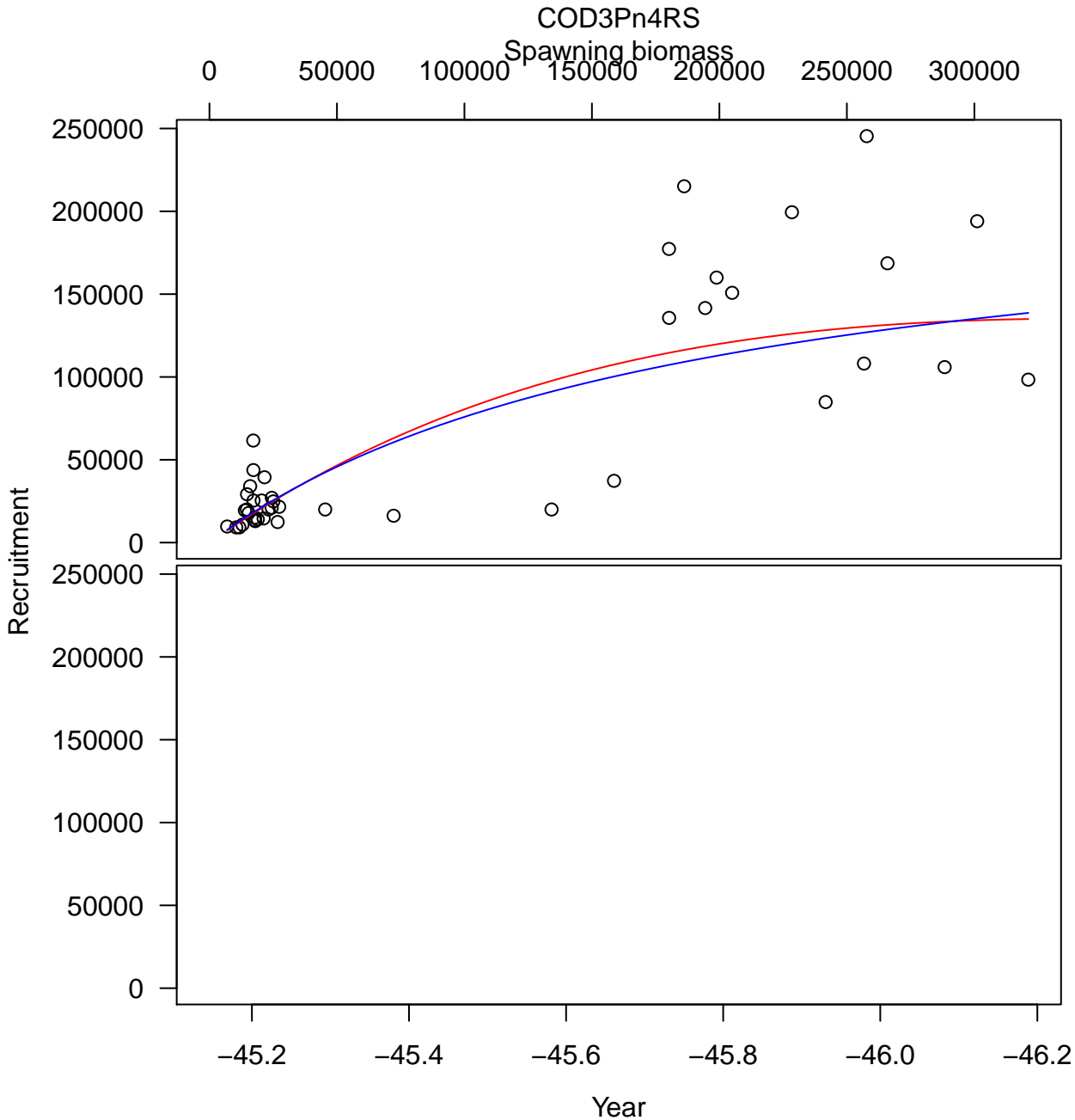


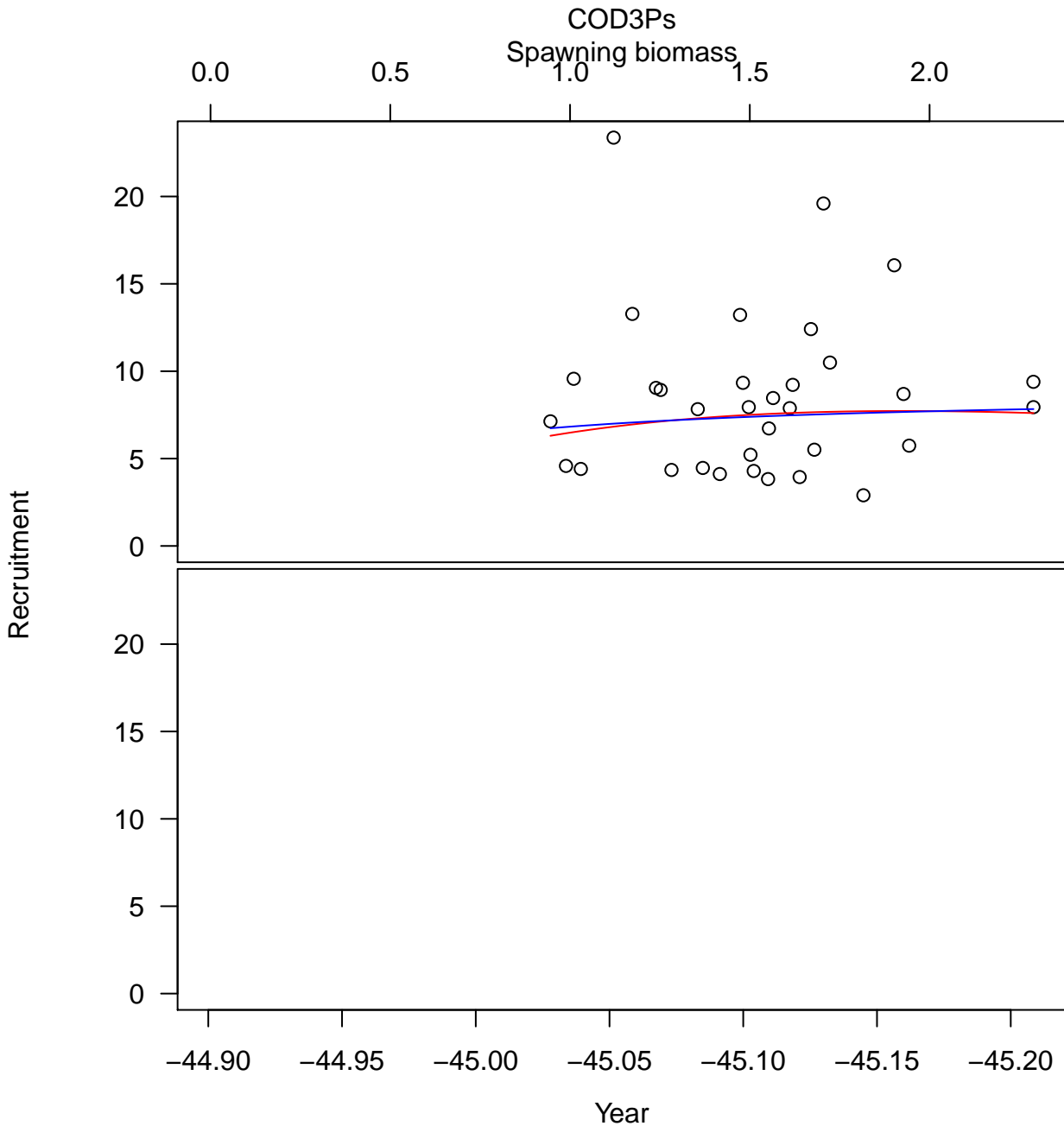


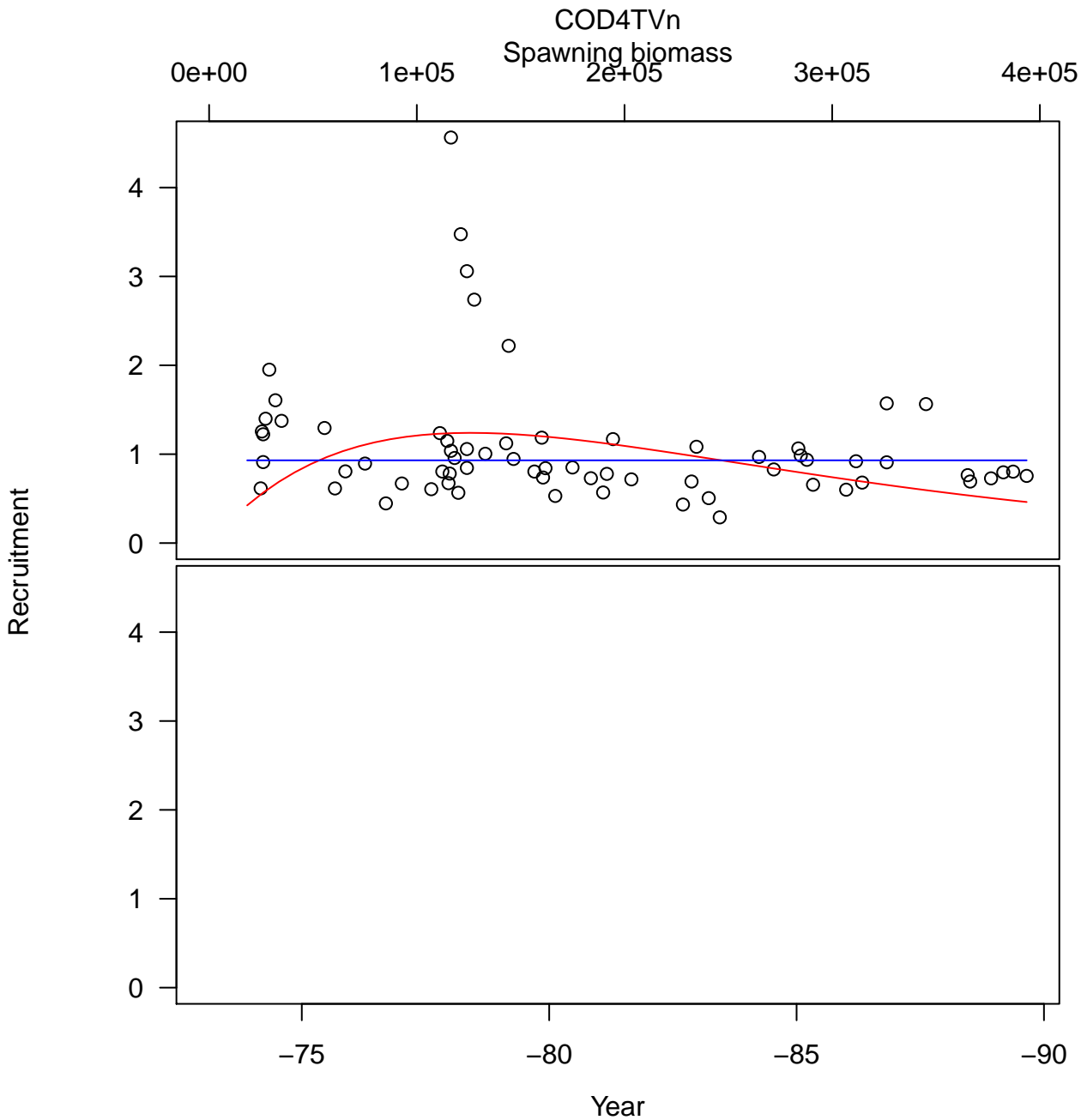


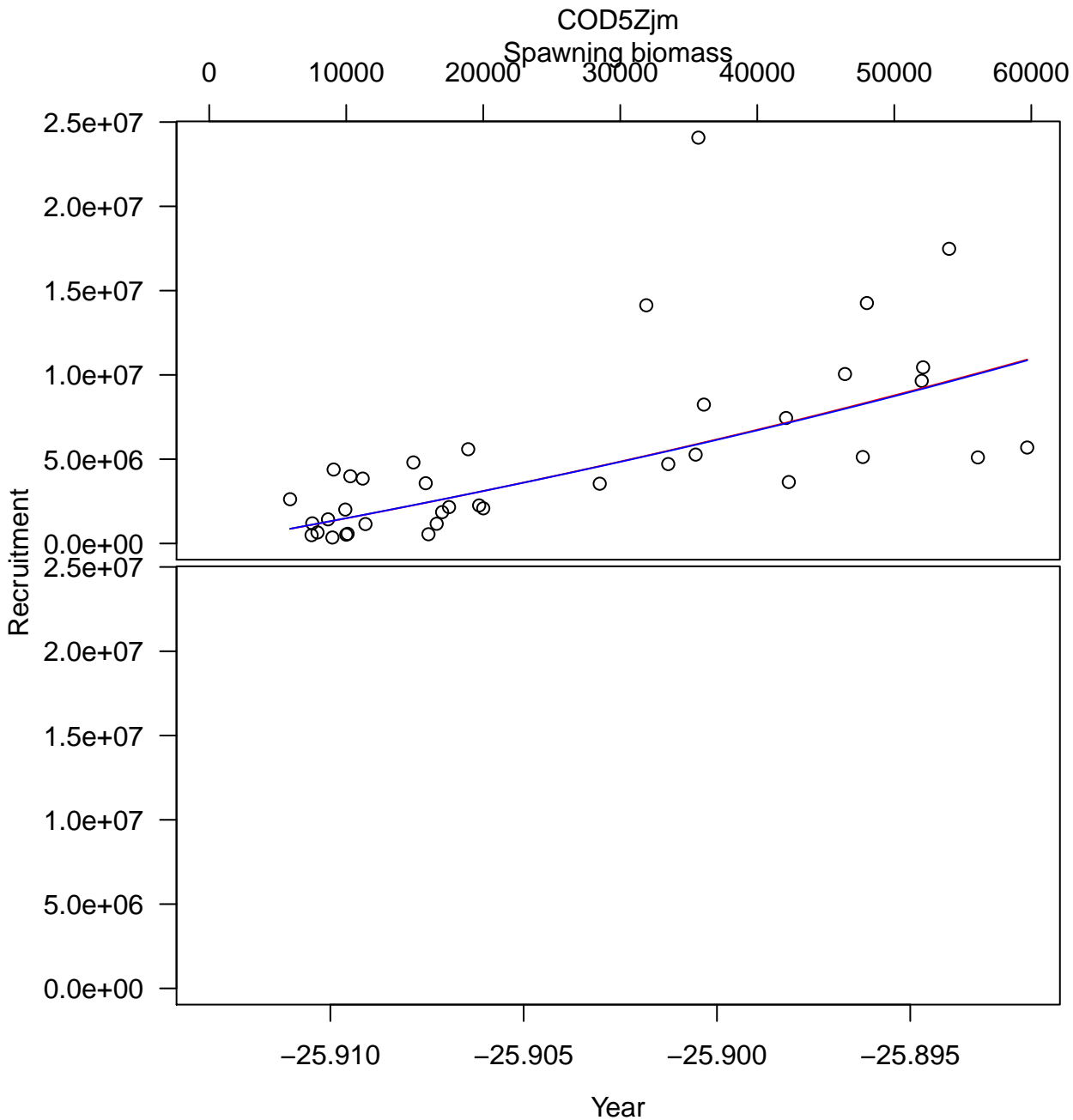


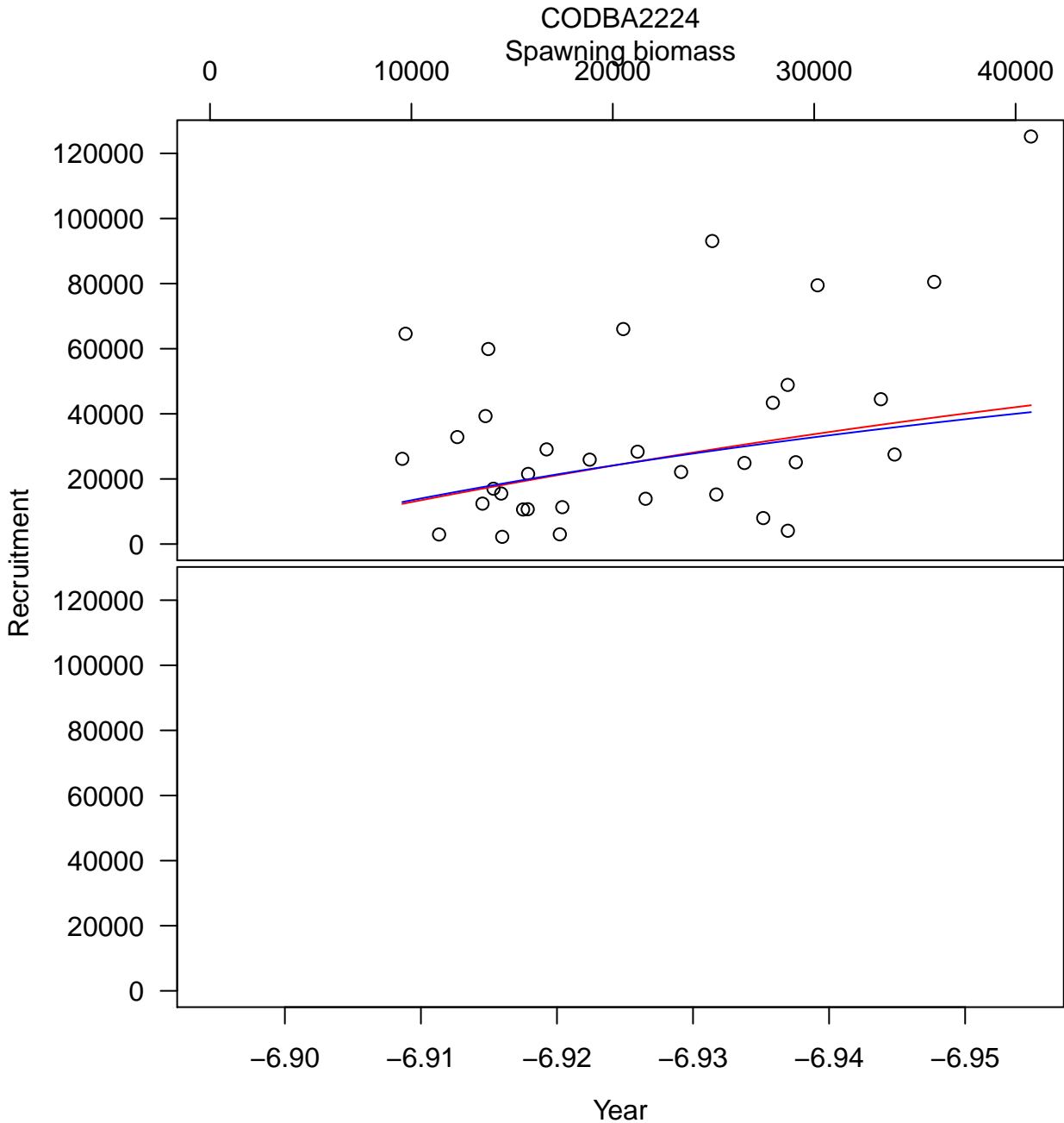


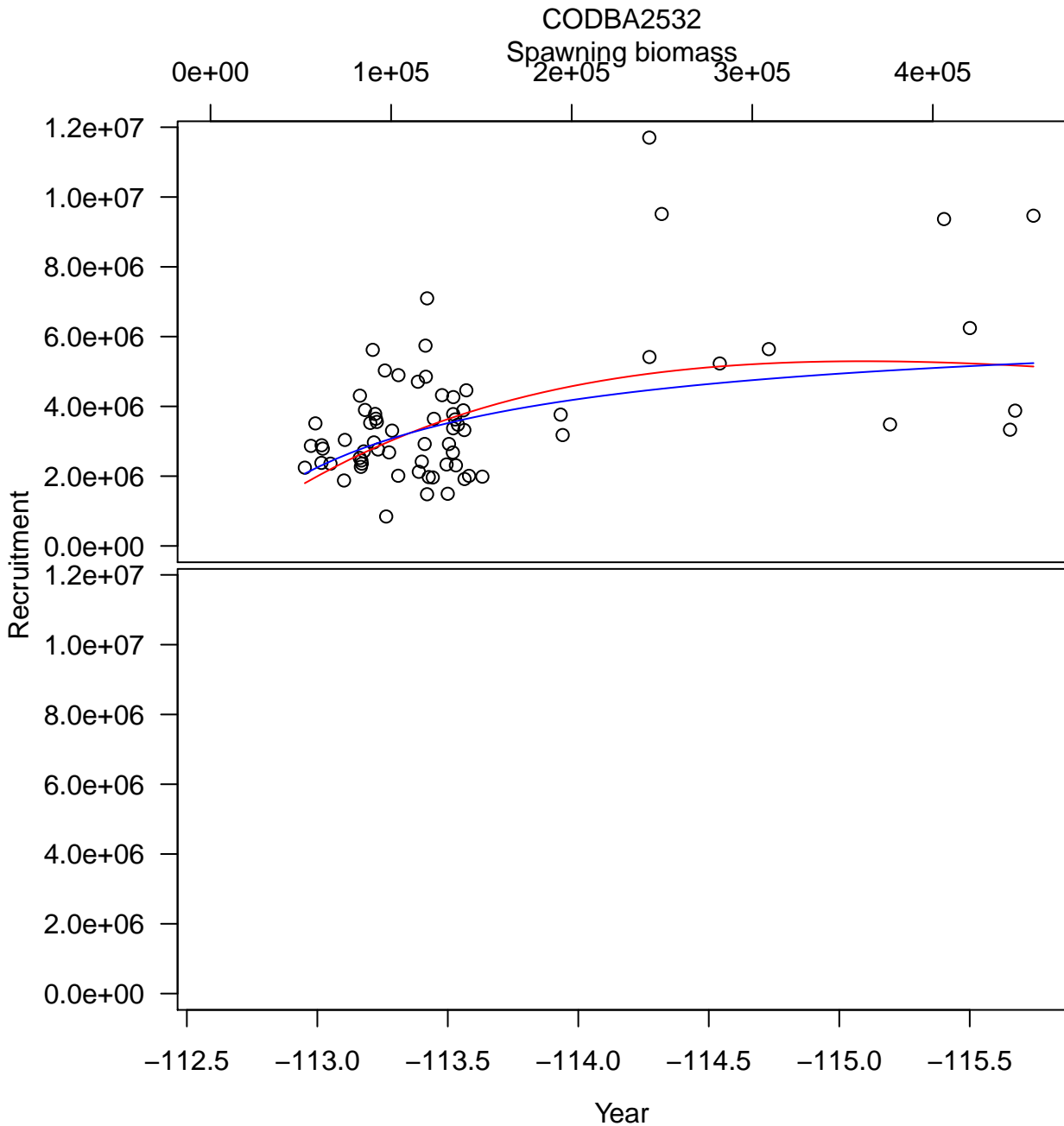


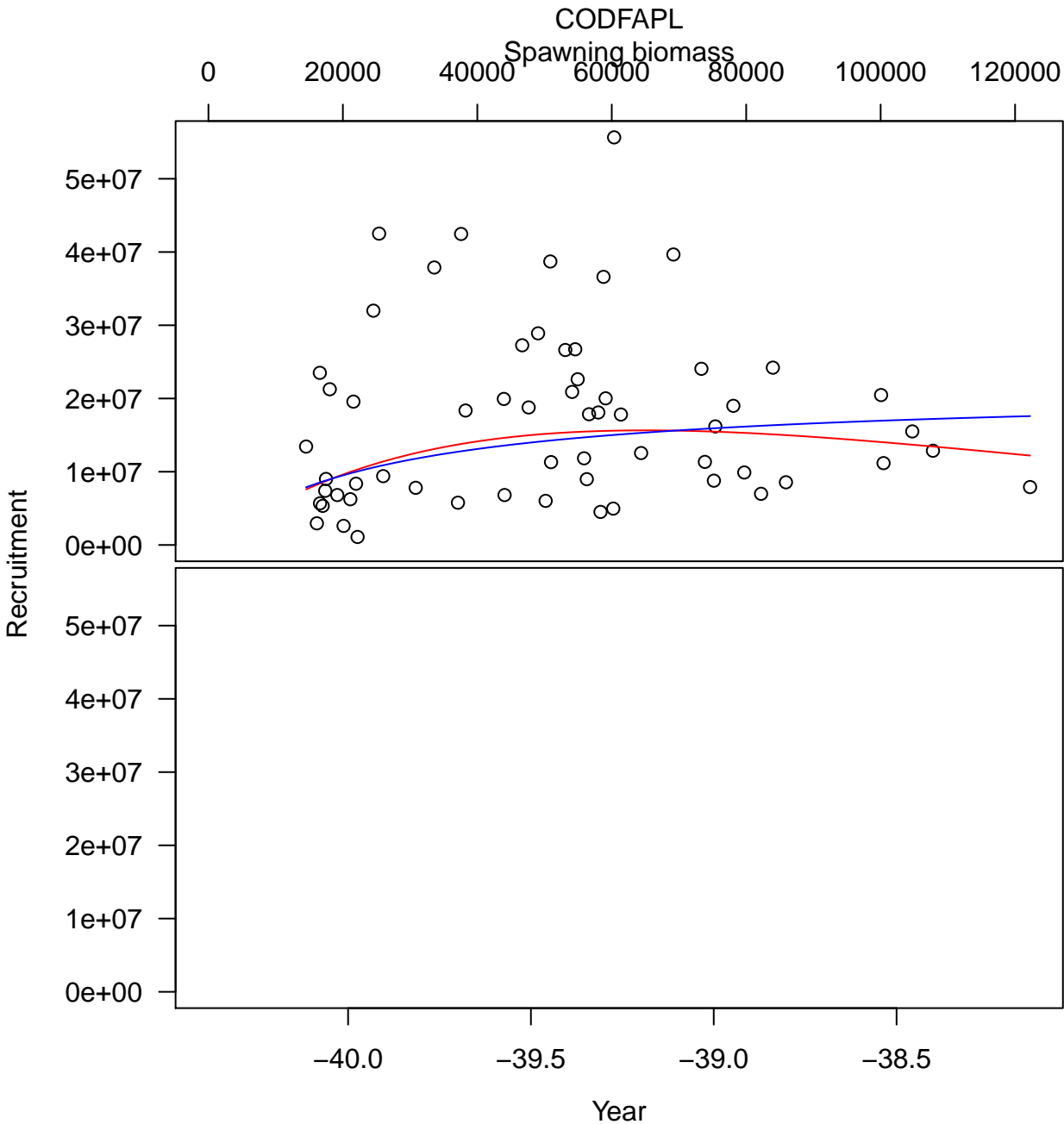


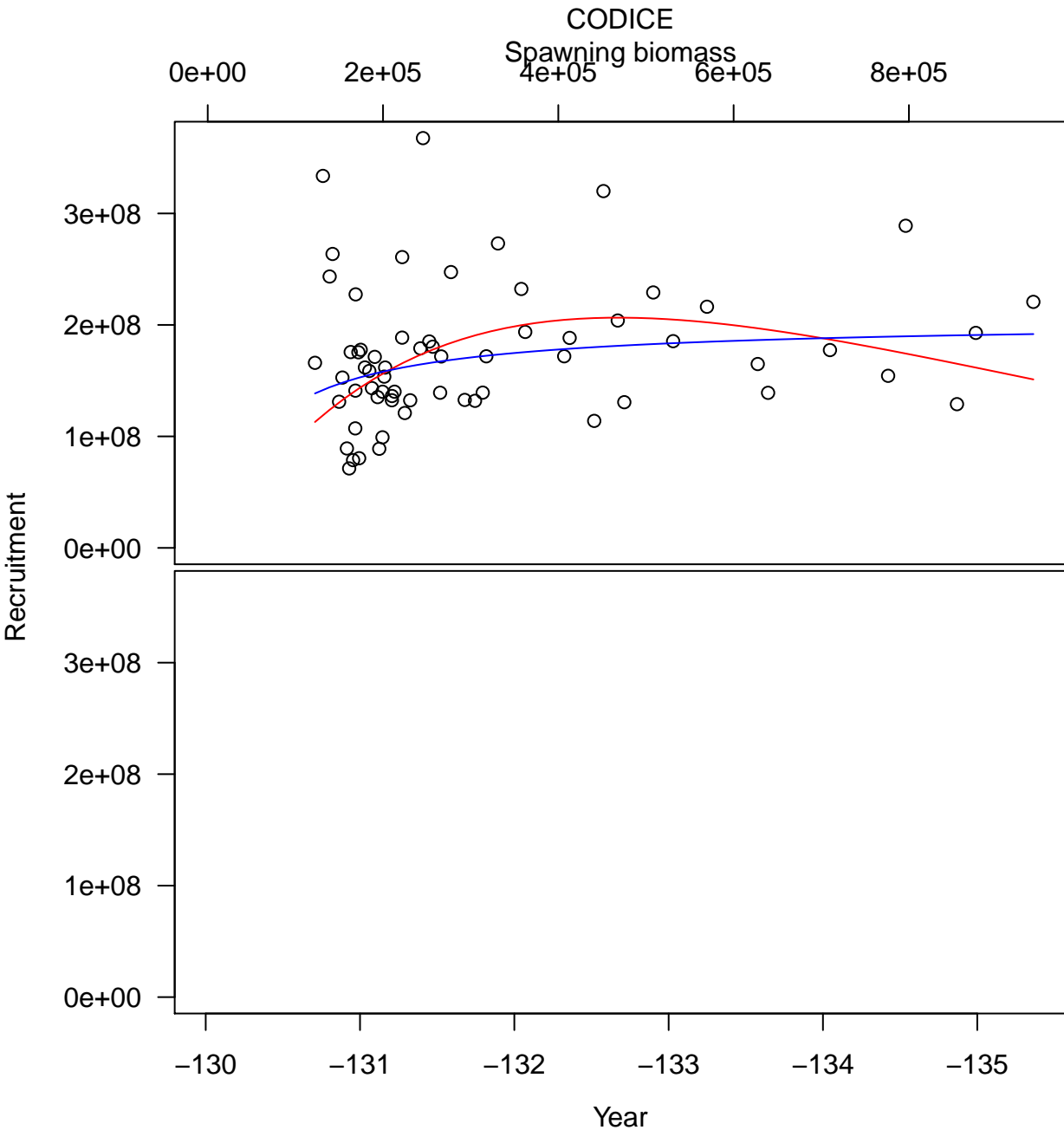






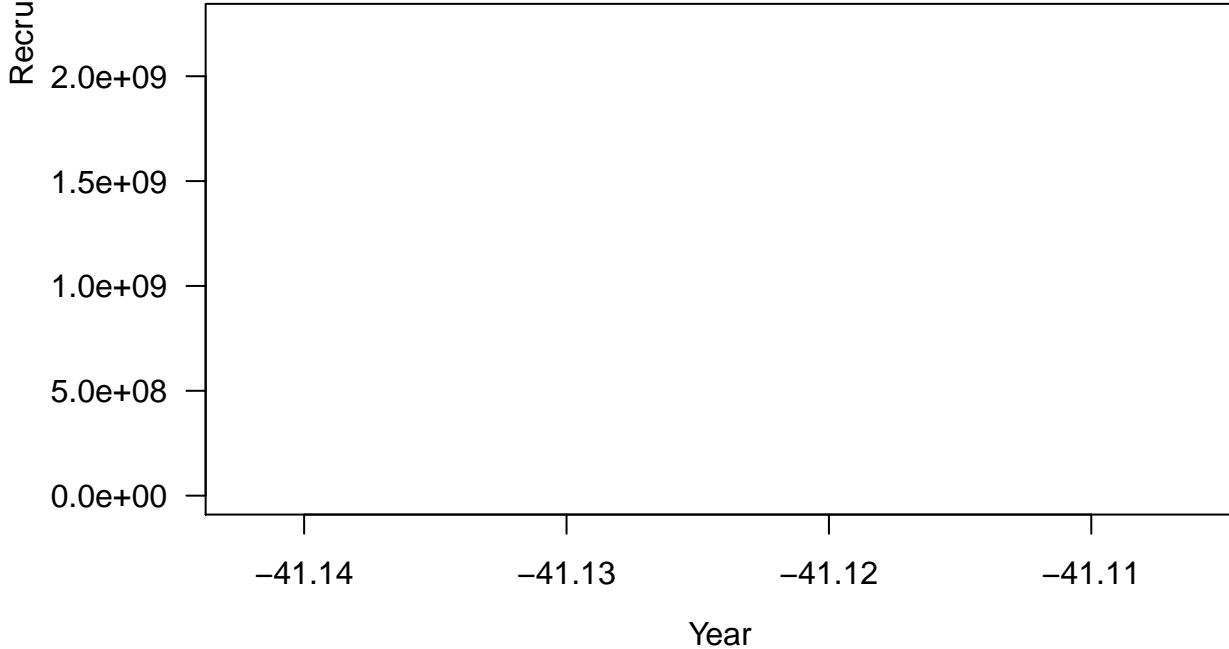
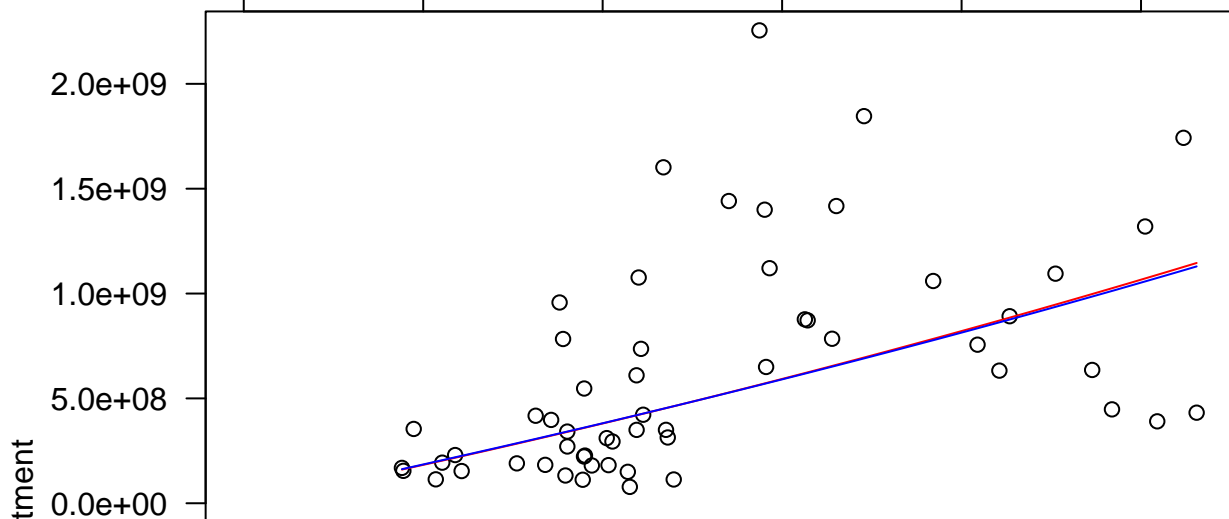


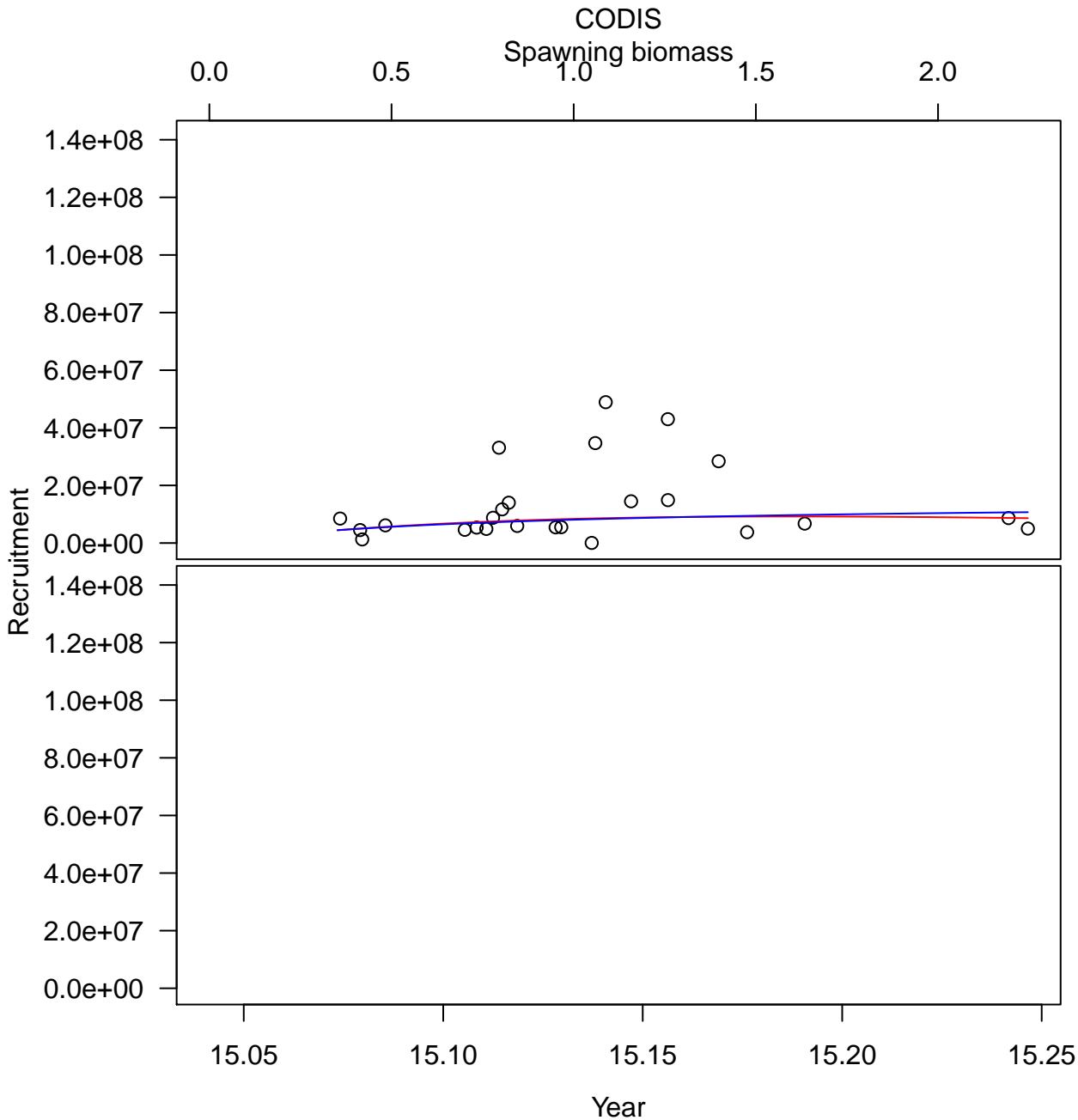


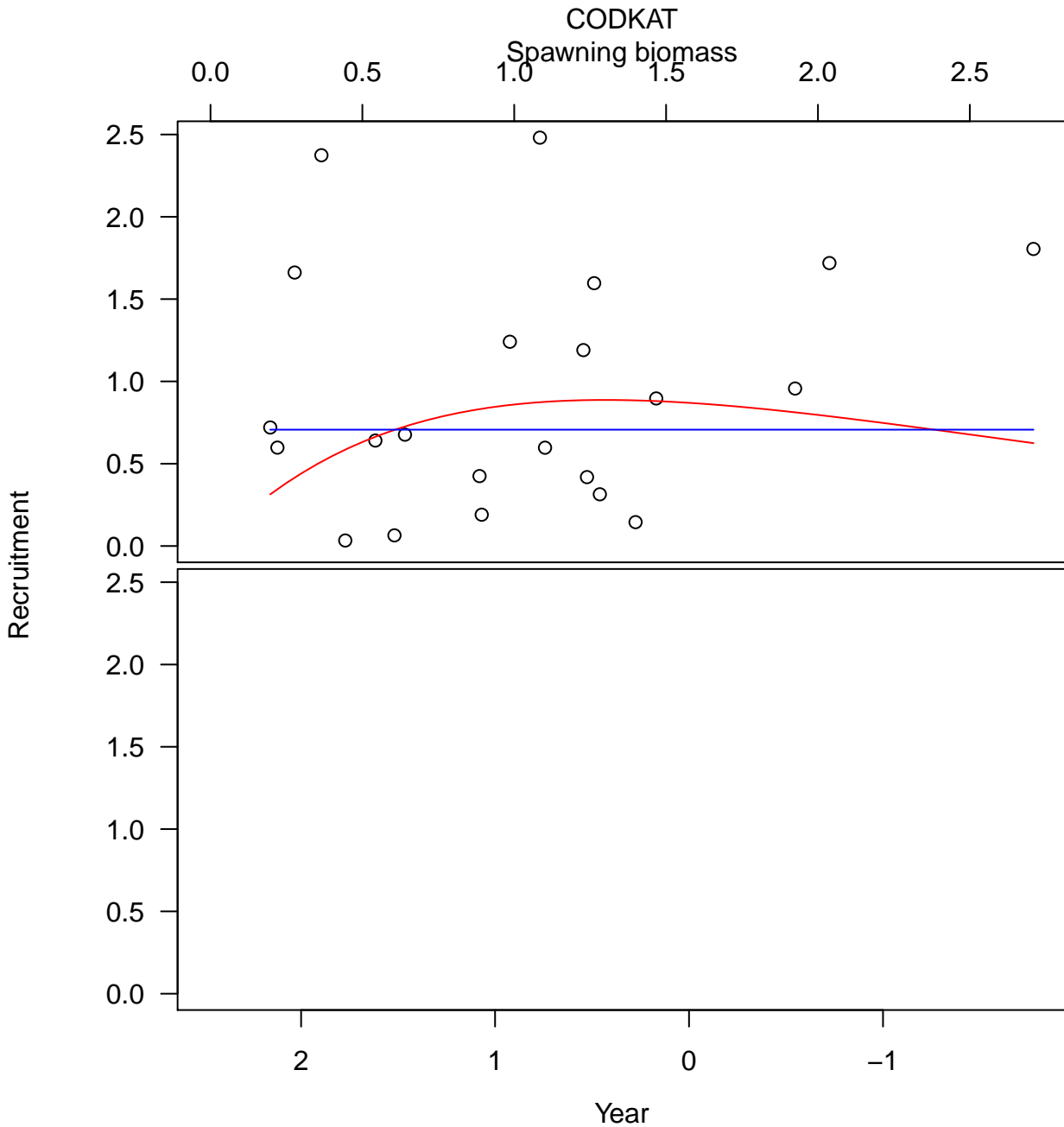


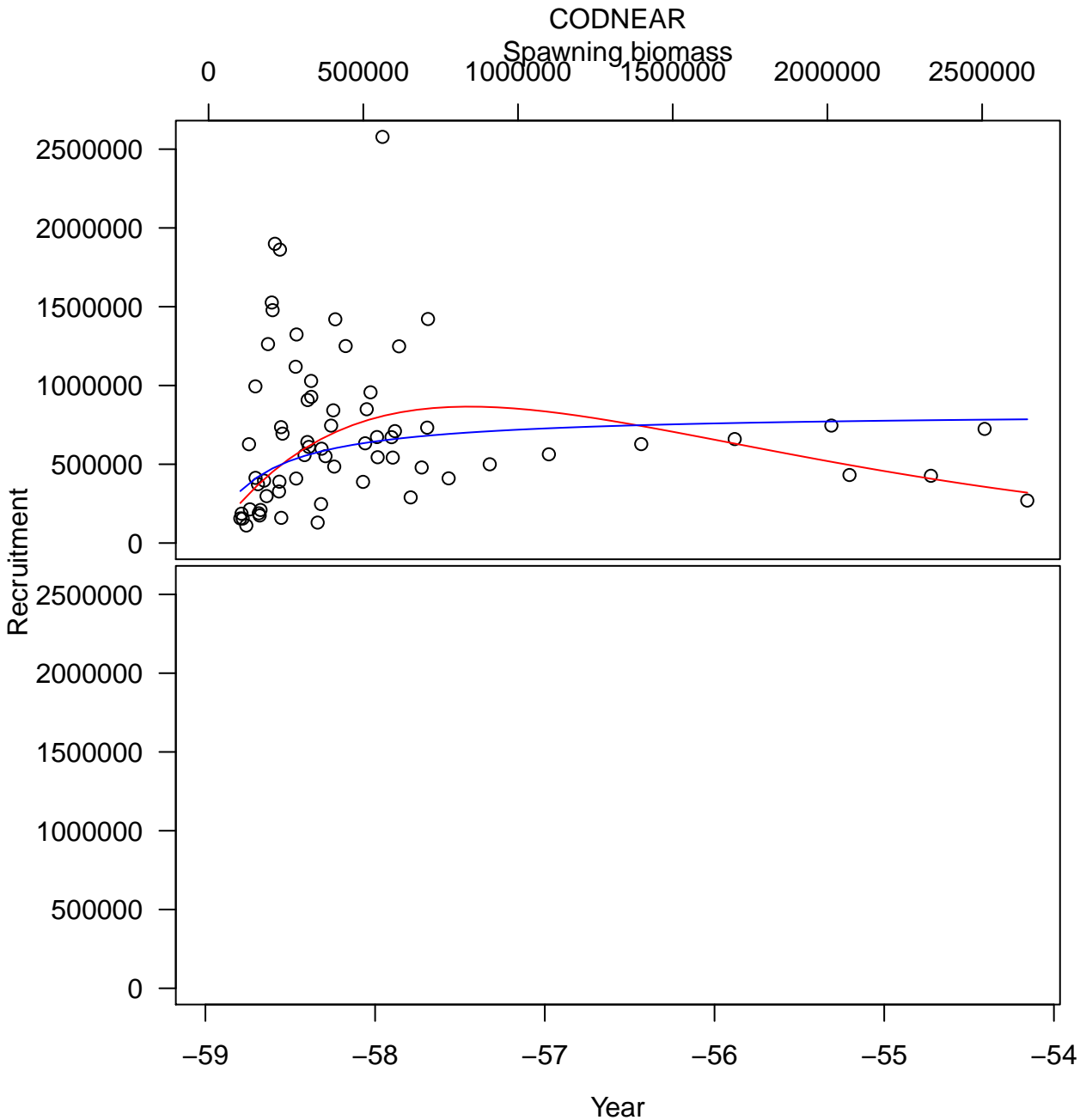
CODIIIaW.IV.VIId
Spawning biomass

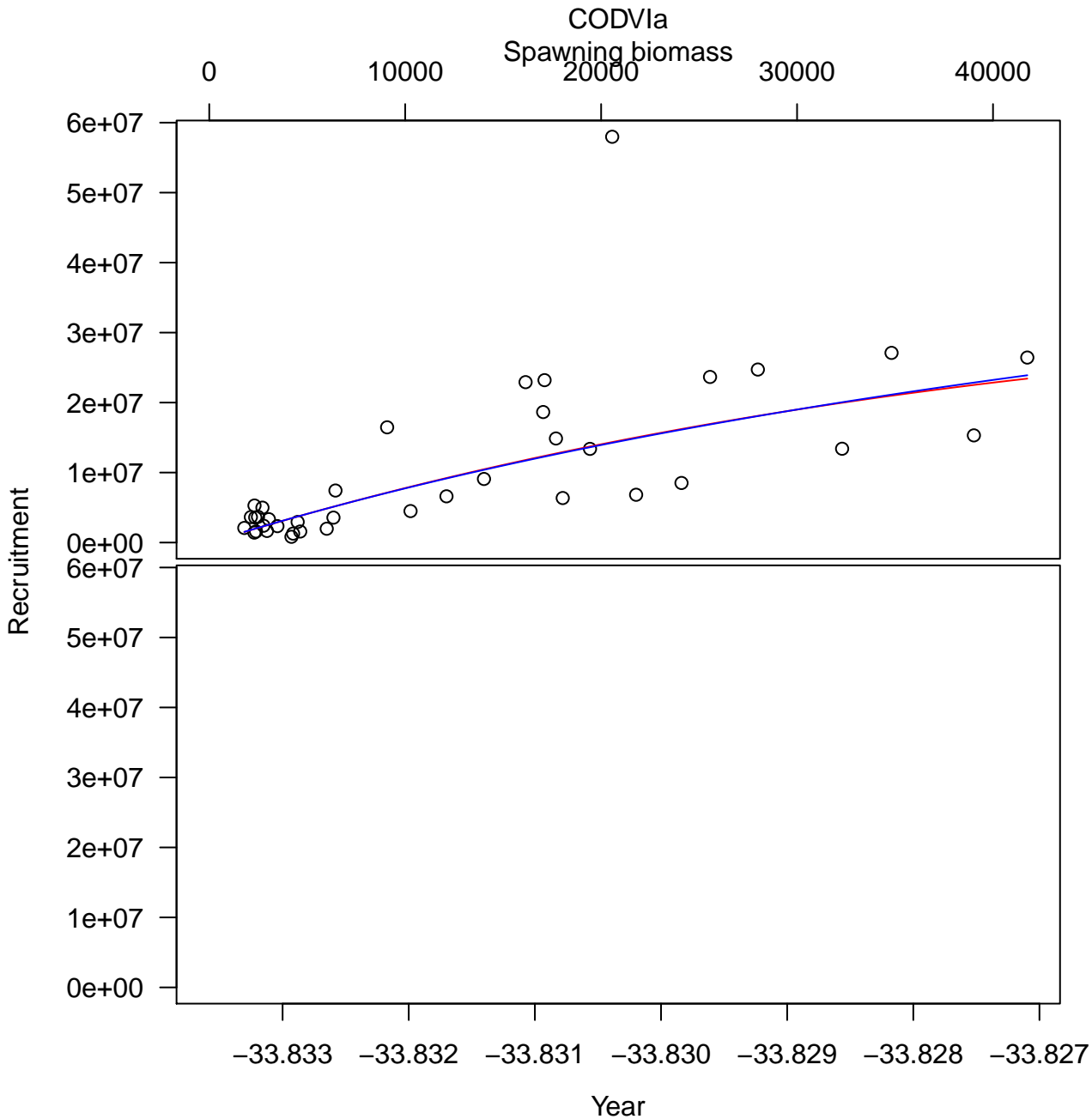
0 50000 100000 150000 200000 250000

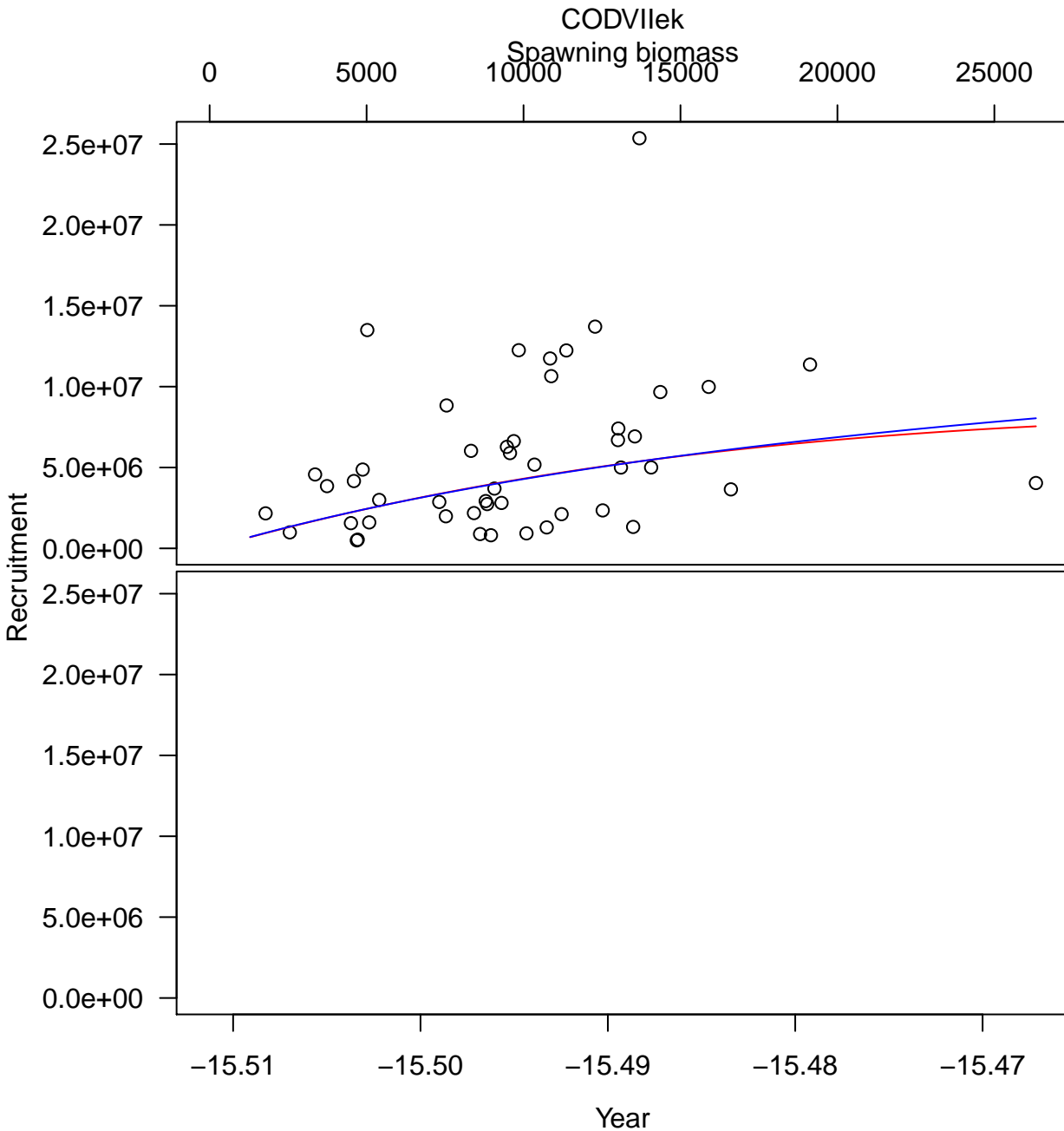












CROCKPCOAST

Spawning biomass

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

6e+06

5e+06

4e+06

3e+06

2e+06

1e+06

0e+00

Recruitment

6e+06

5e+06

4e+06

3e+06

2e+06

1e+06

0e+00

-107.5

-108.0

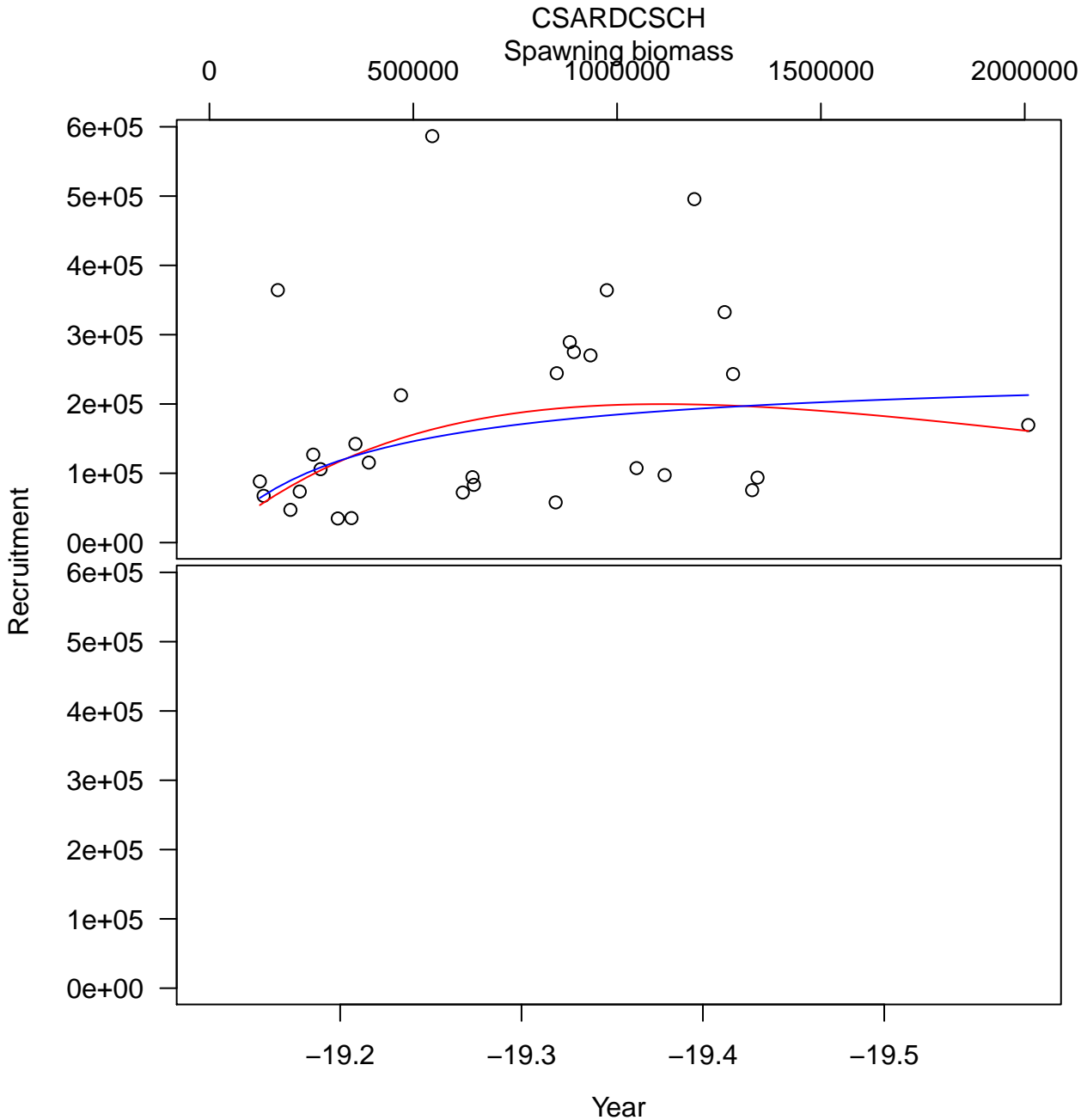
-108.5

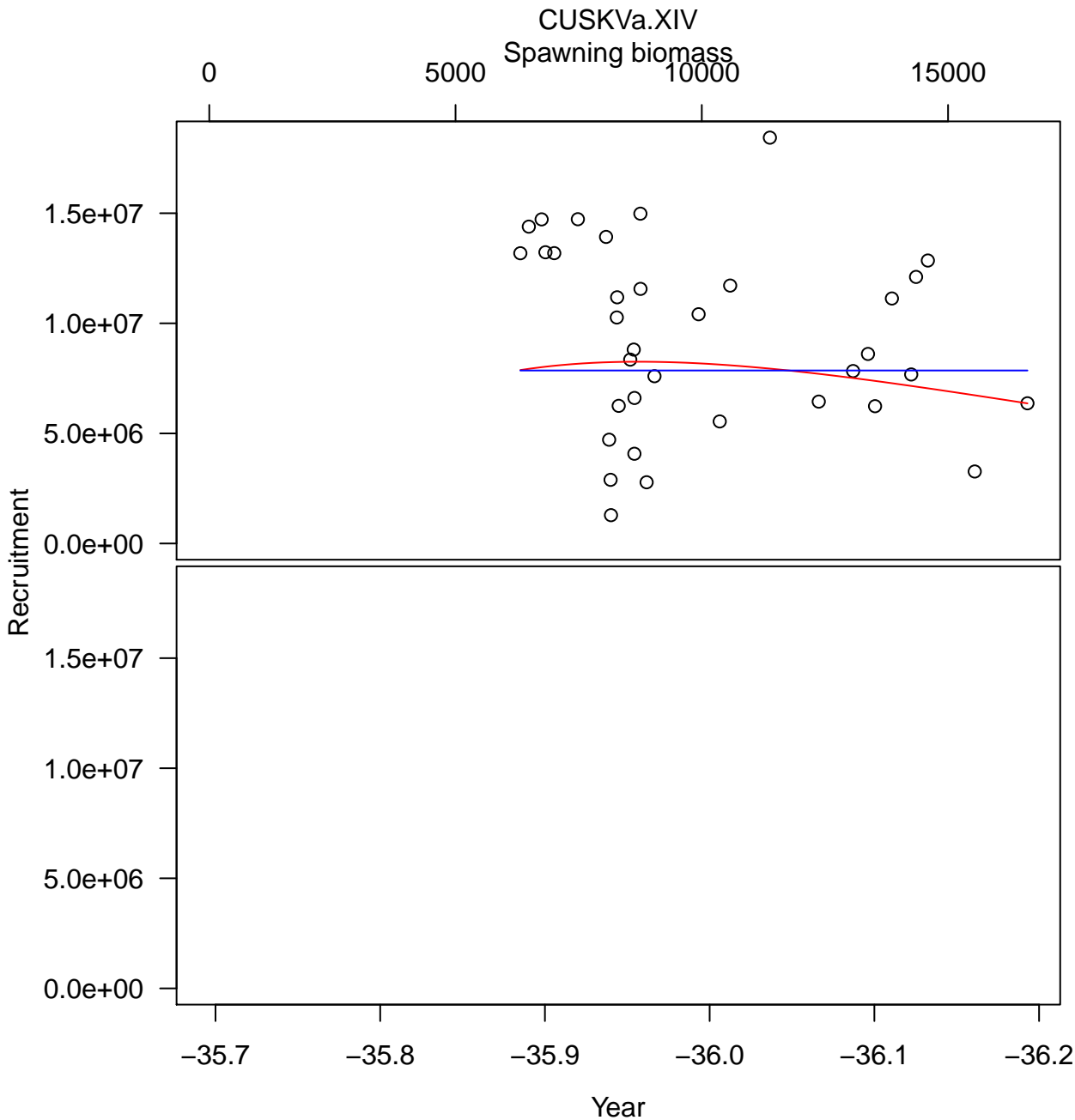
-109.0

-109.5

-110.0

Year

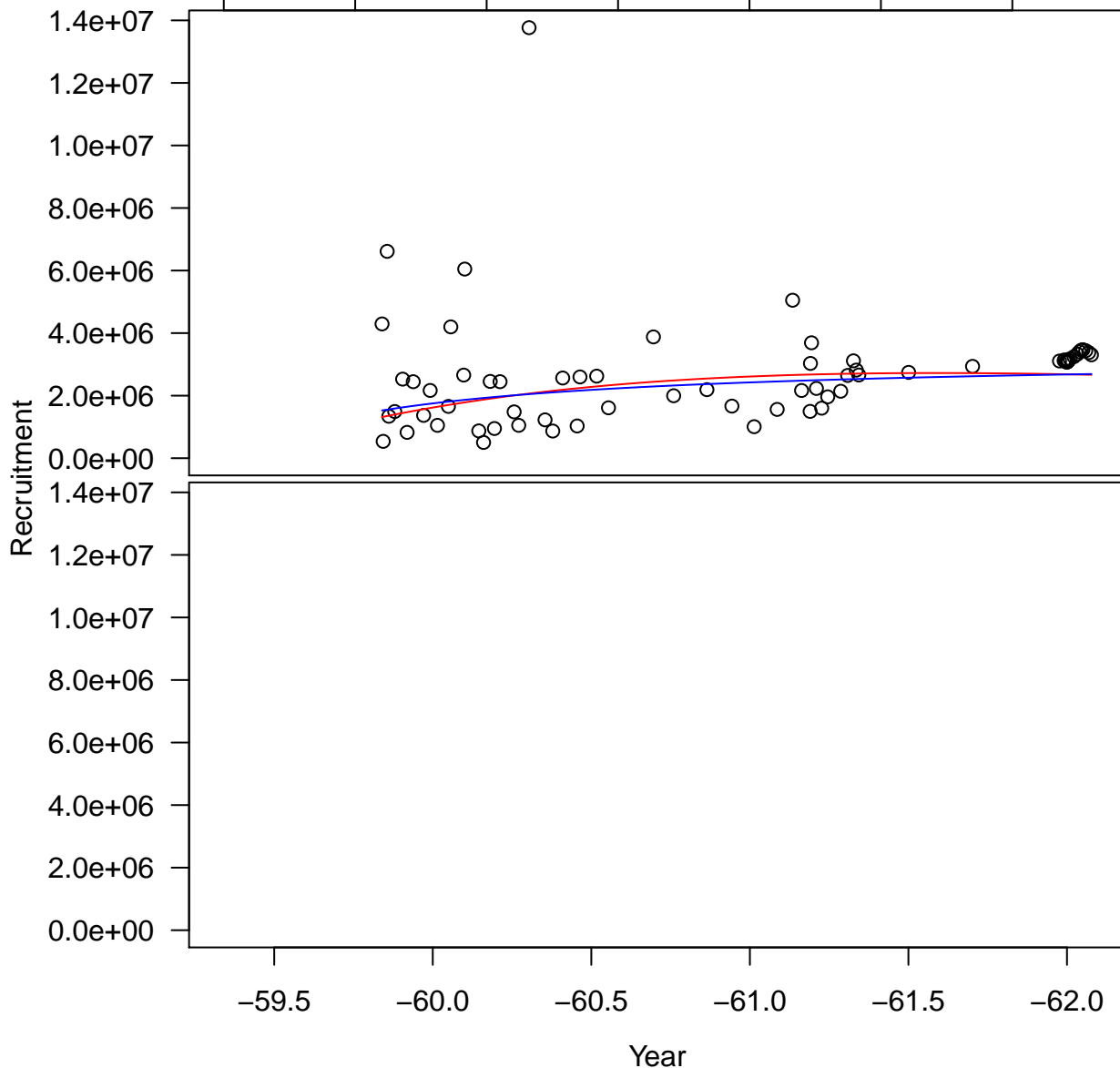


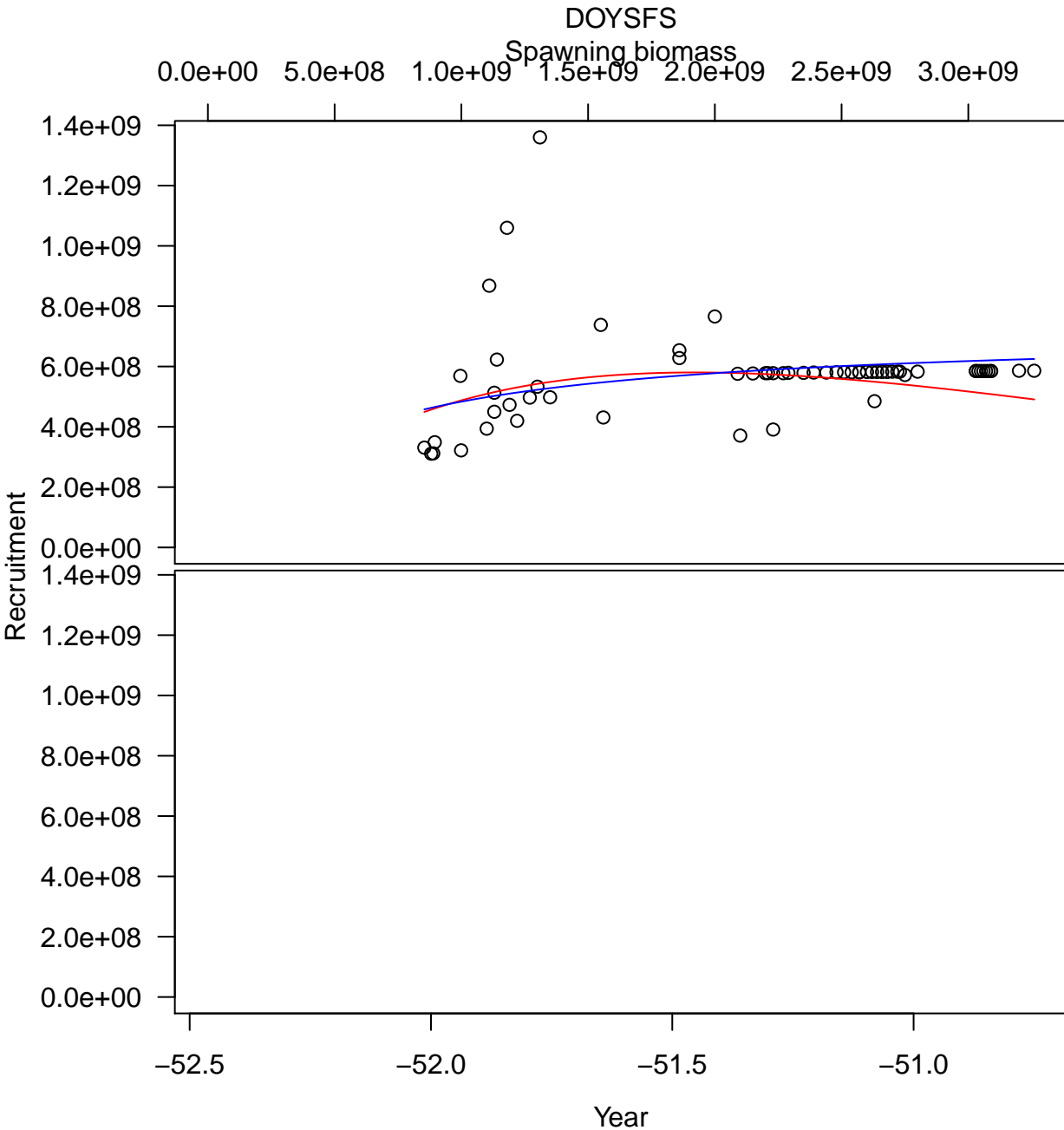


DKROCKPCOAST

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

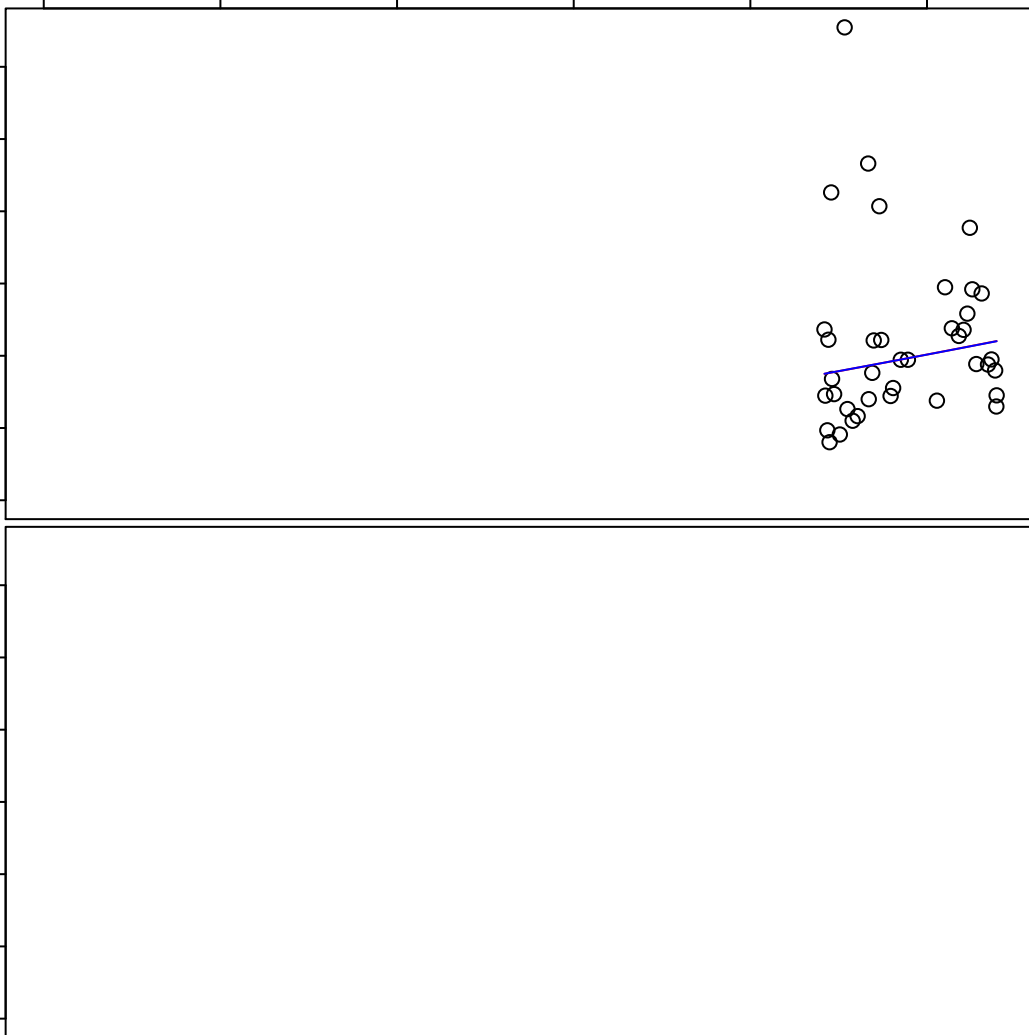
0 10000 20000 30000 40000 50000

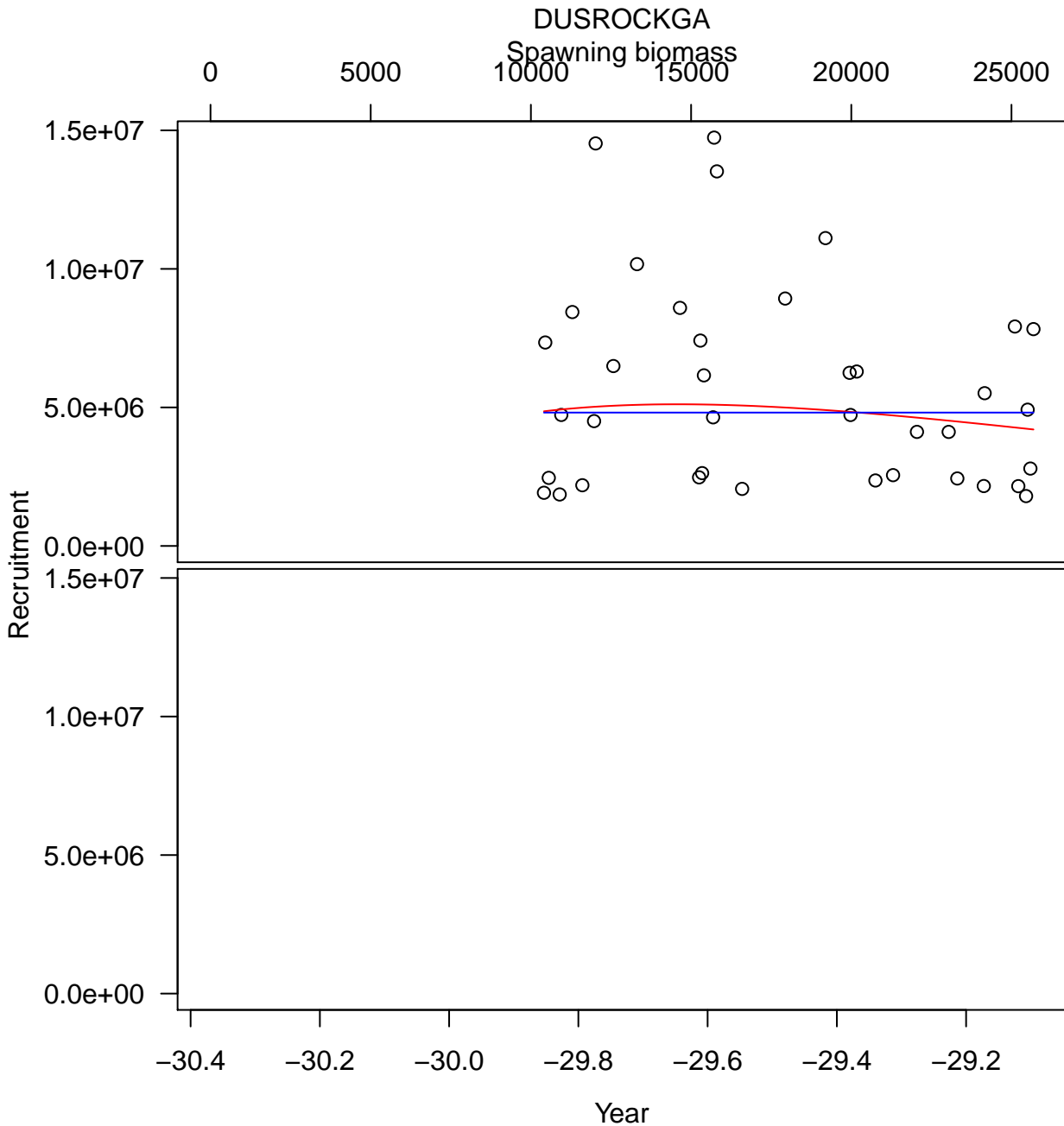
Recruitment

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

-51.9810 -51.9808 -51.9806 -51.9804 -51.9802 -51.9800

Year





EBASSIVbc.VII

Spawning biomass

0

5000

10000

15000

20000

25000

8e+07

6e+07

4e+07

2e+07

0e+00

Recruitment

8e+07

6e+07

4e+07

2e+07

0e+00

1.2

1.4

1.6

1.8

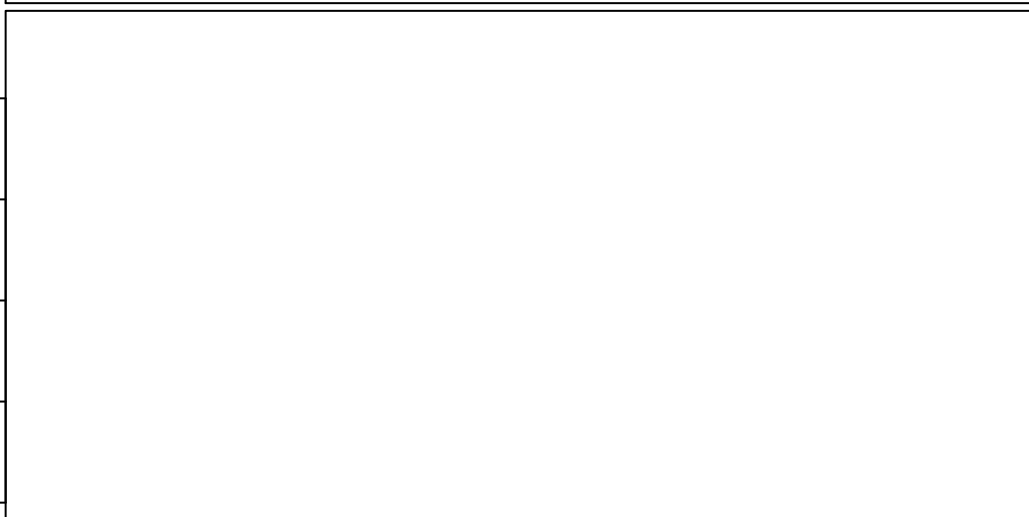
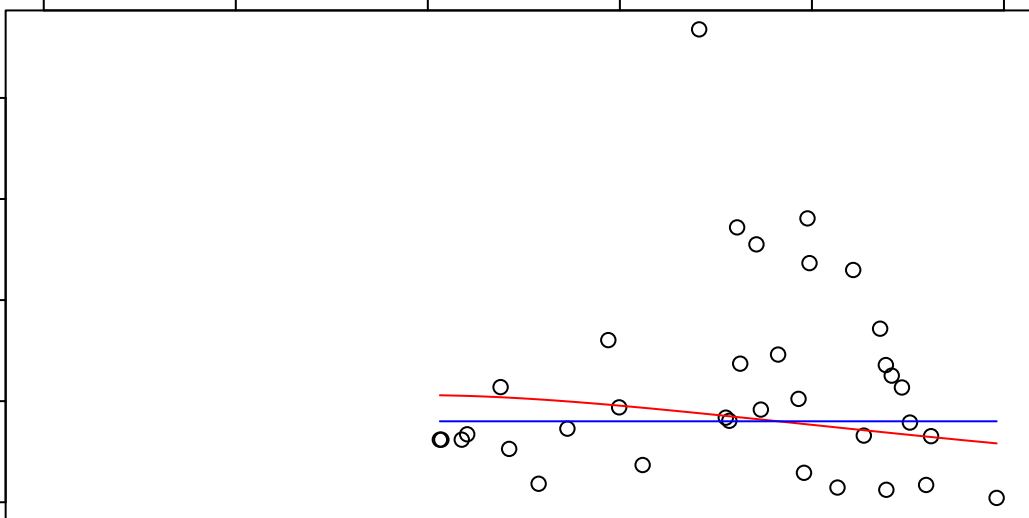
2.0

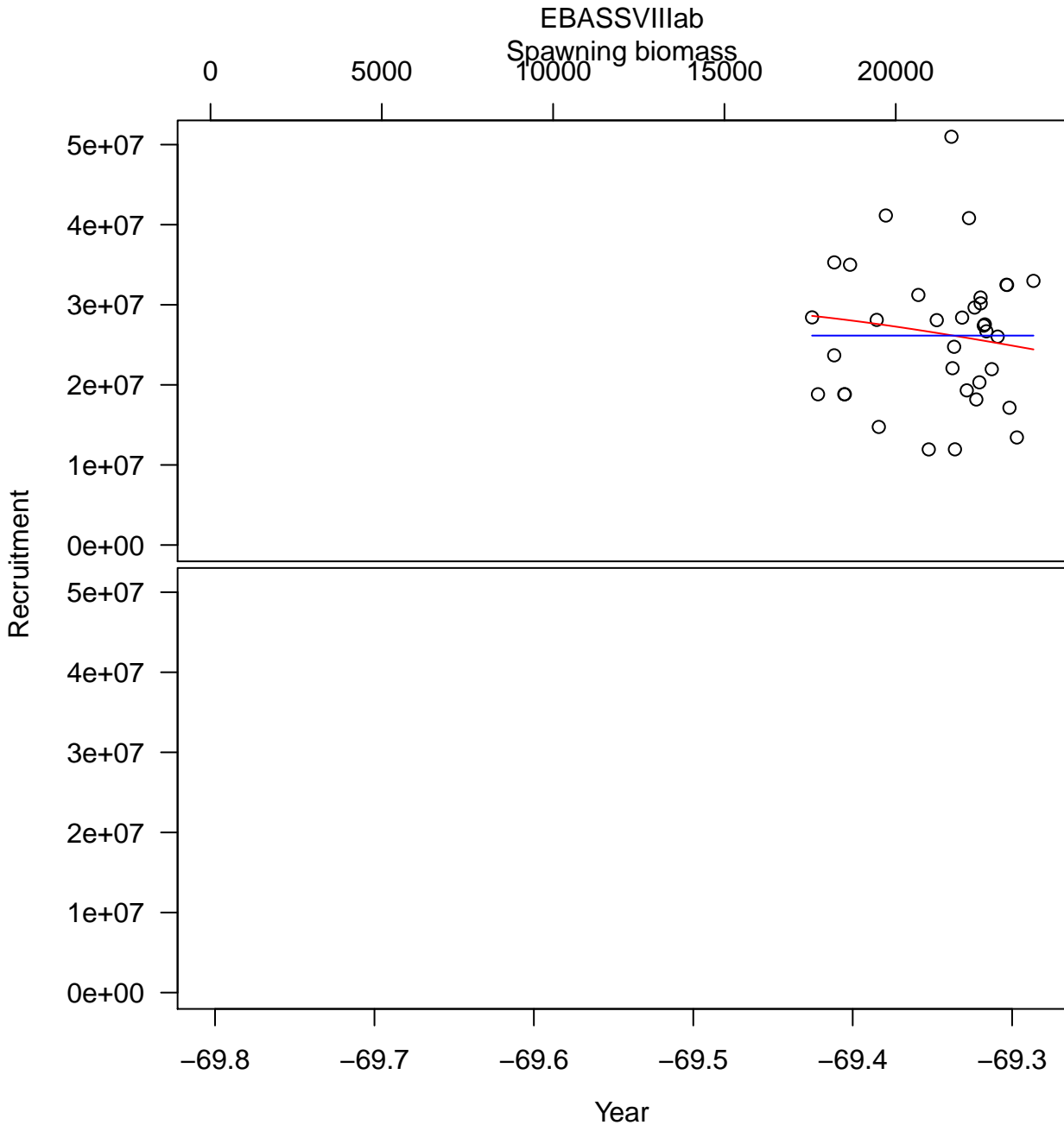
2.2

2.4

2.6

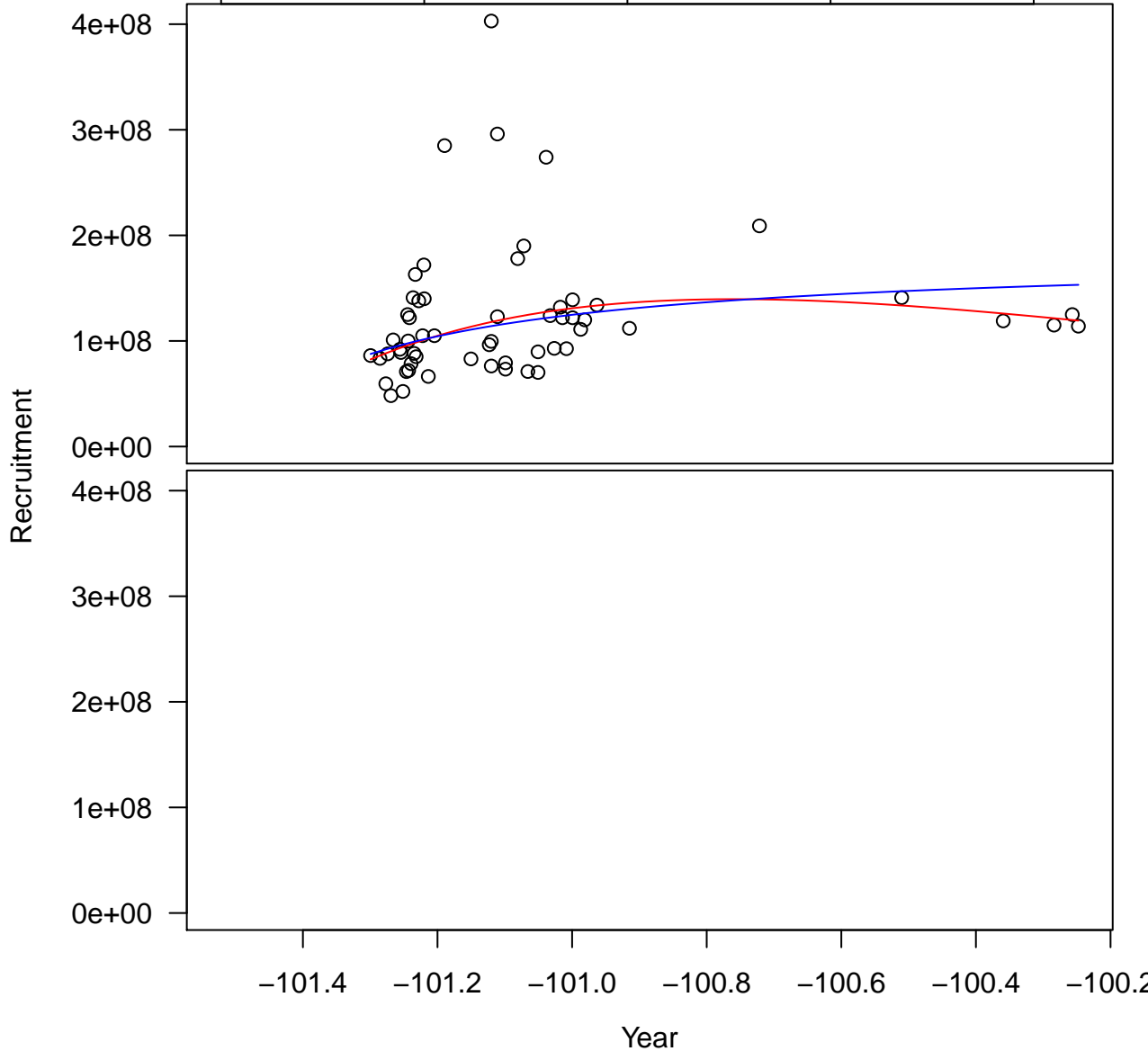
Year

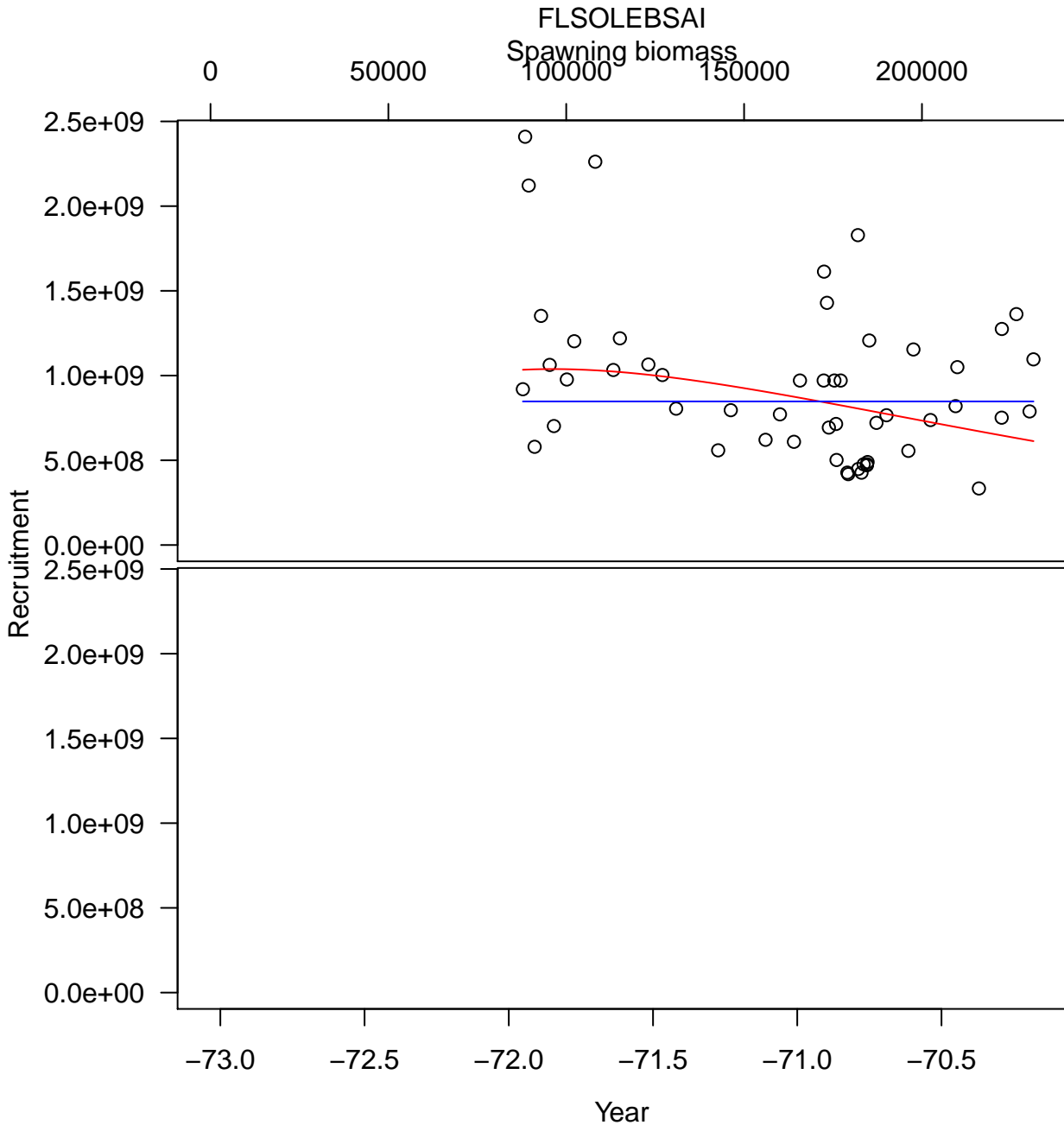


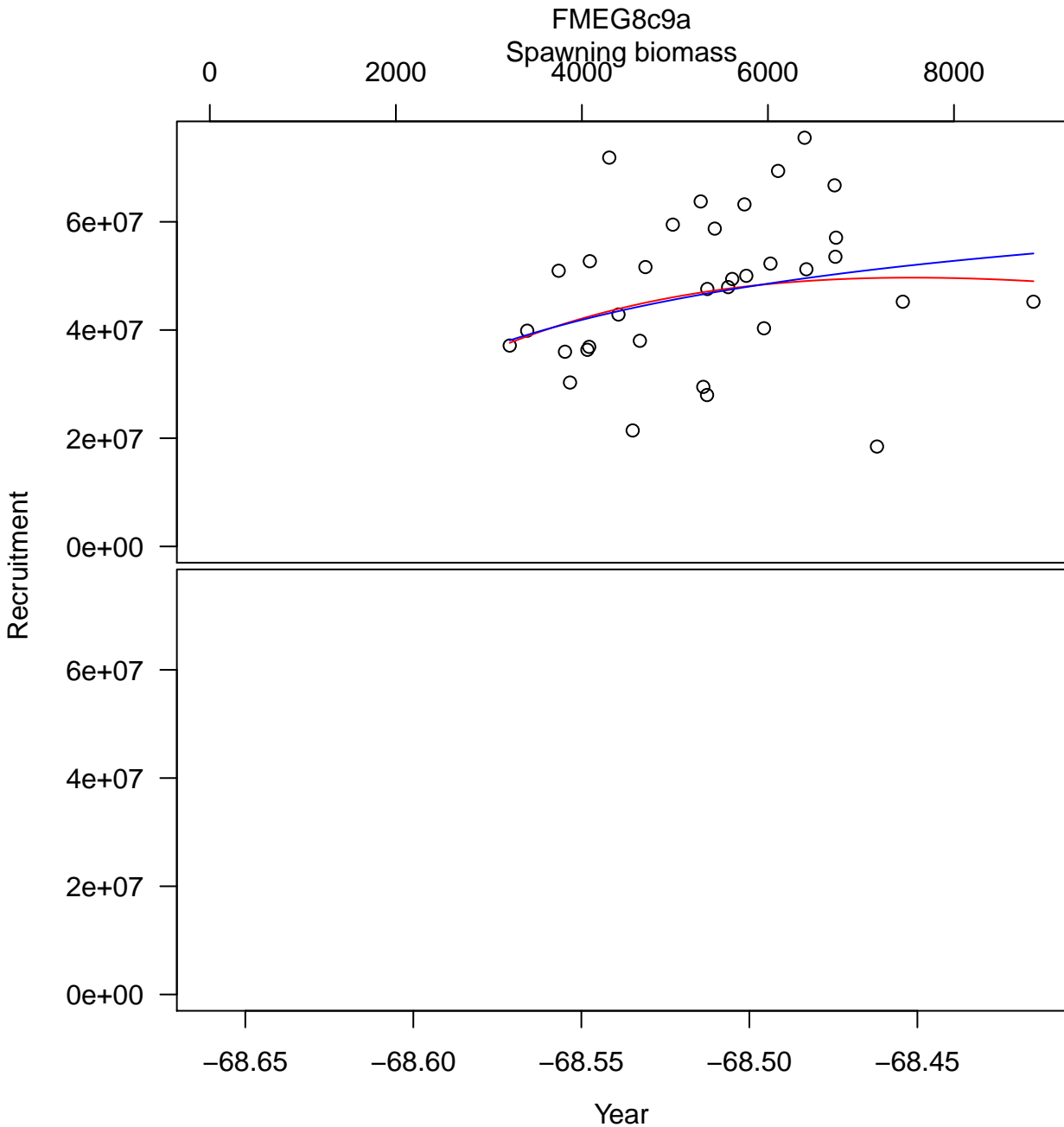


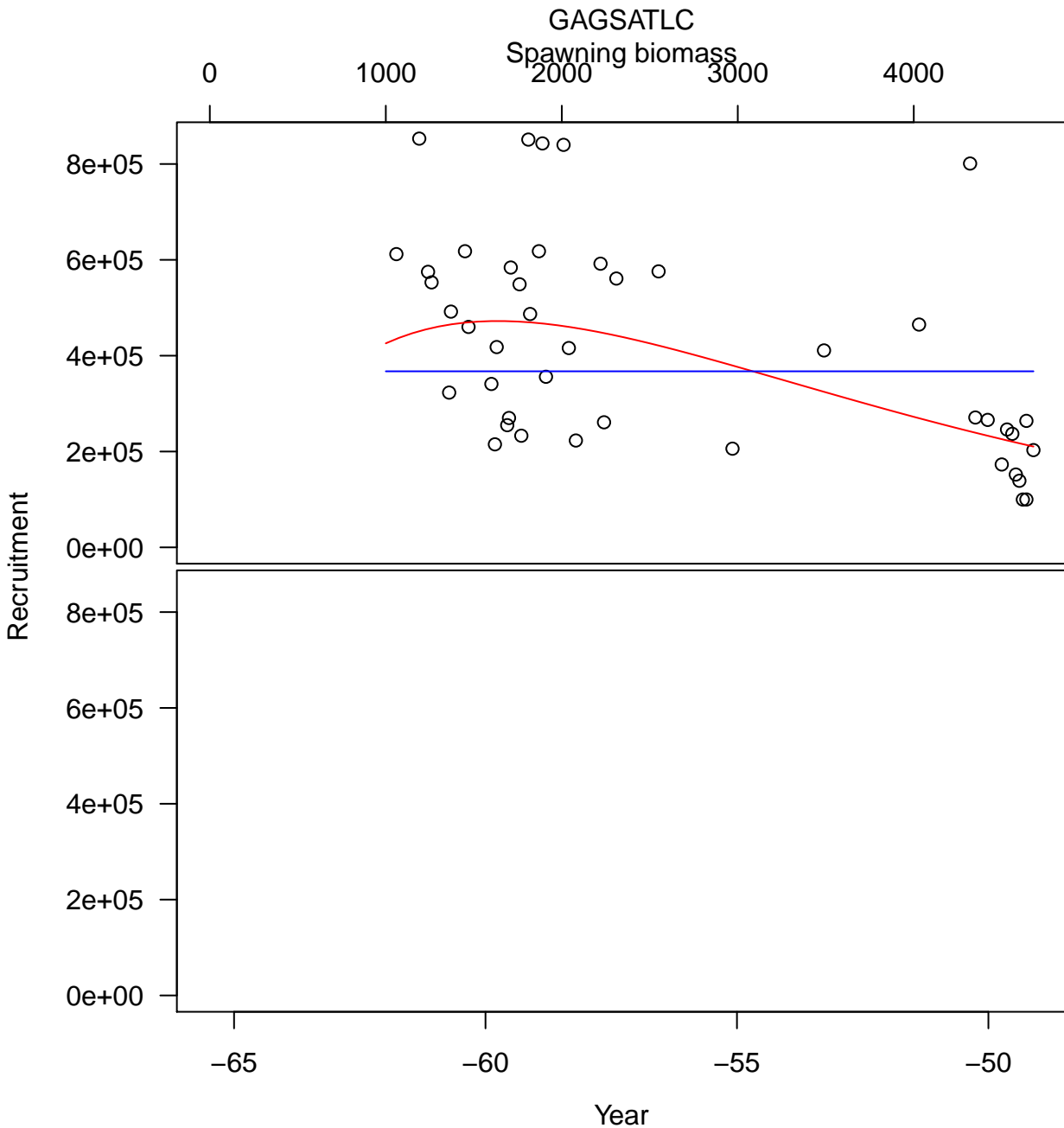
ESOLEPCOAST
Spawning biomass

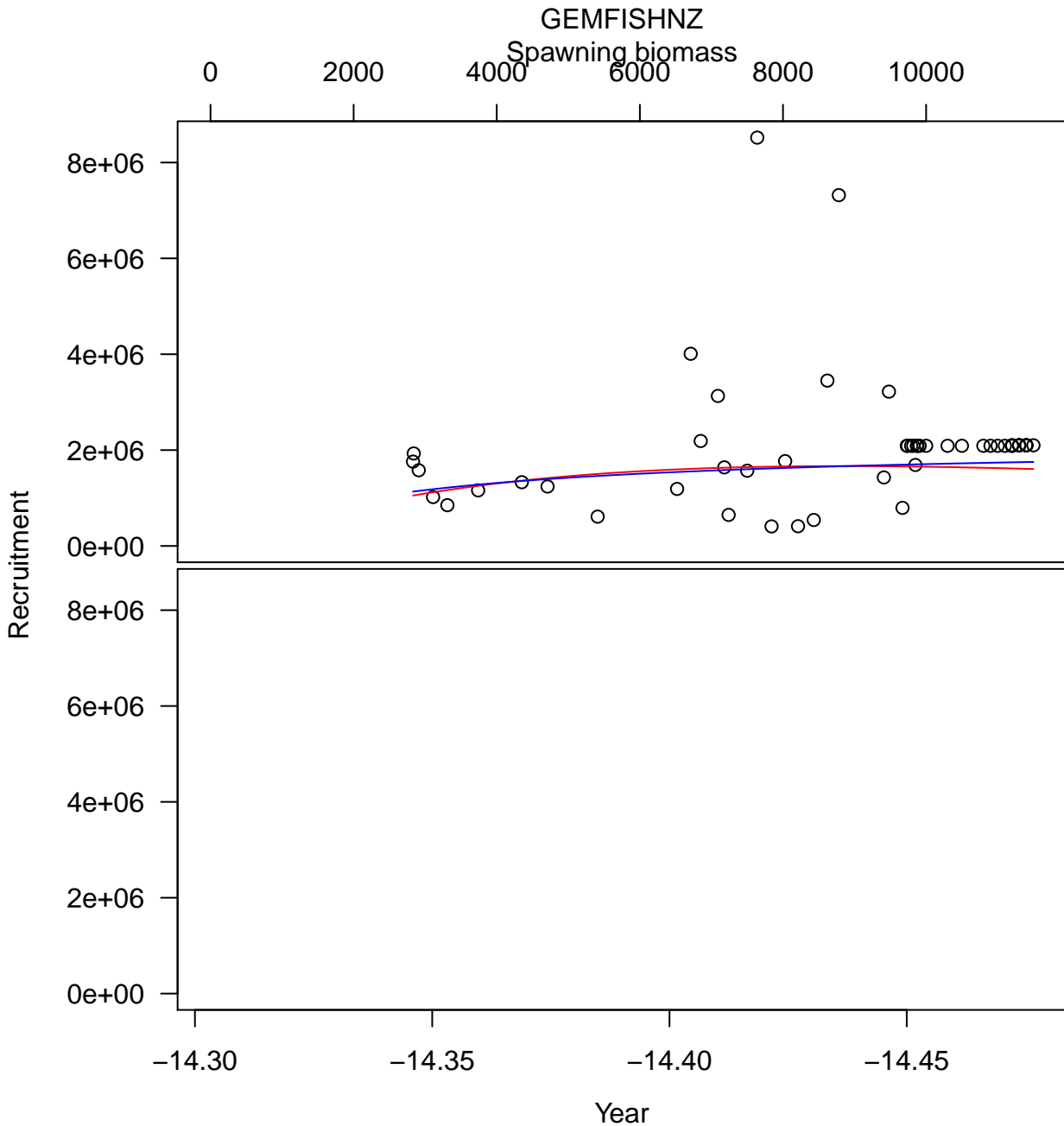
0 10000 20000 30000 40000

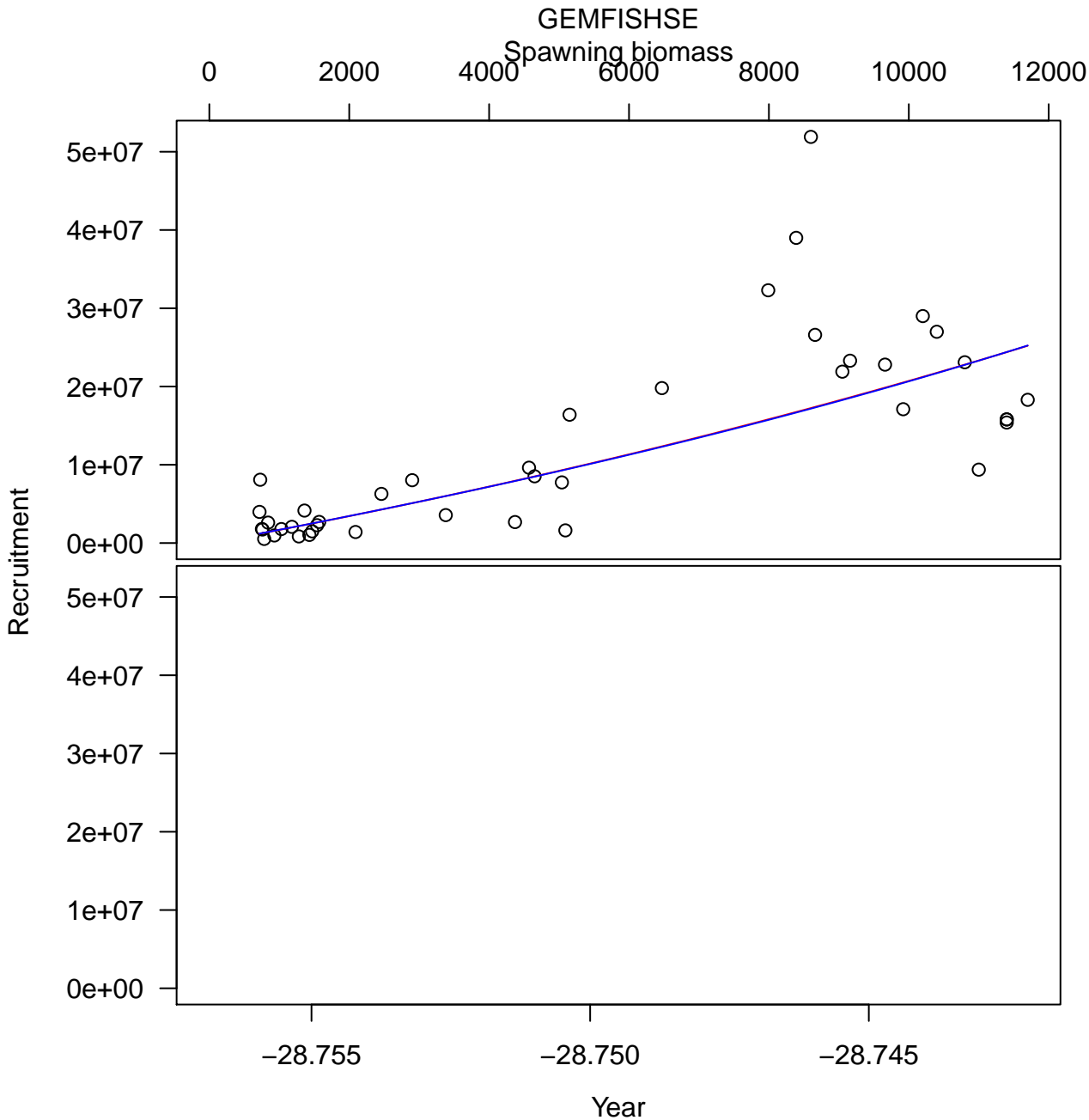








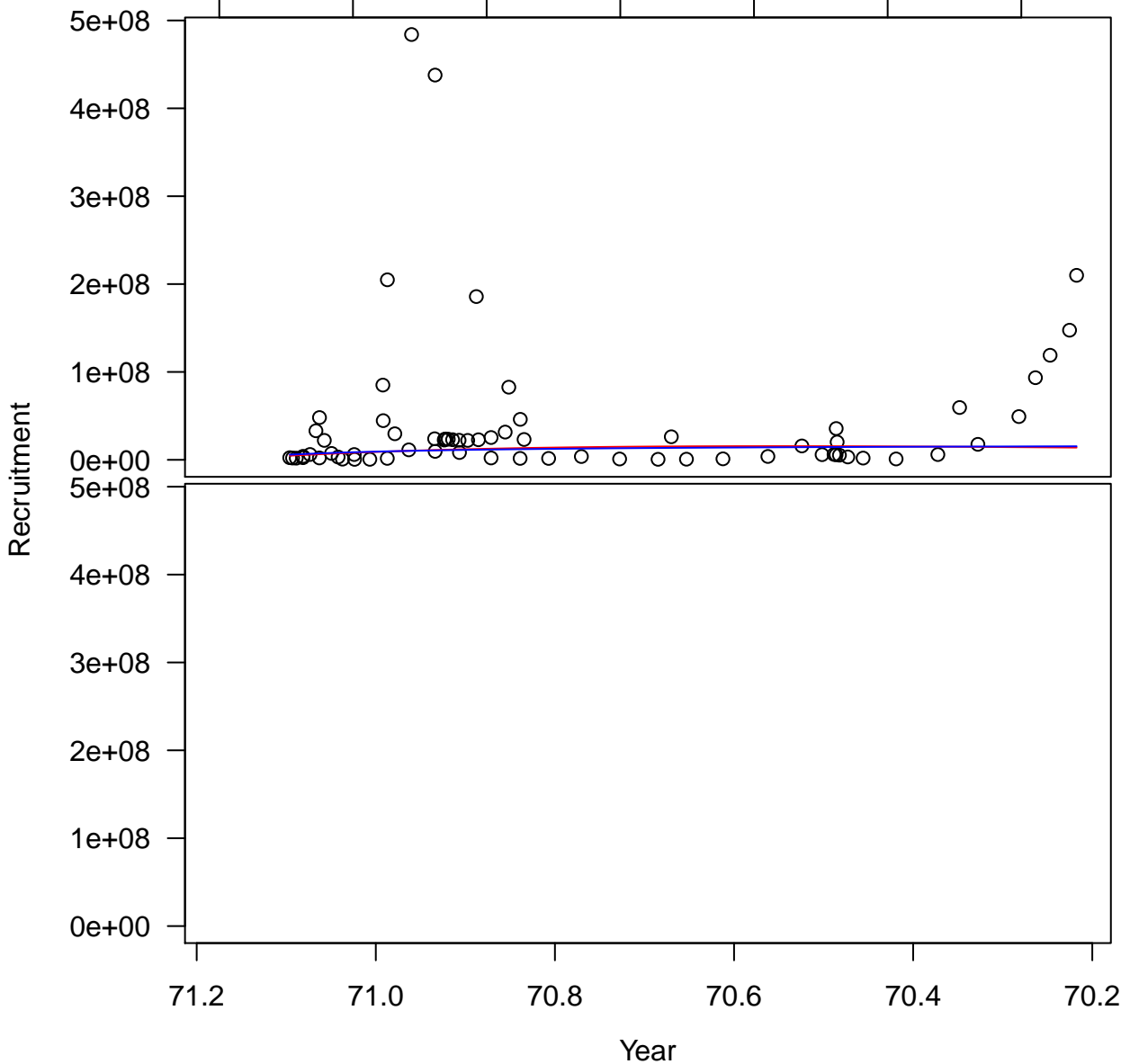


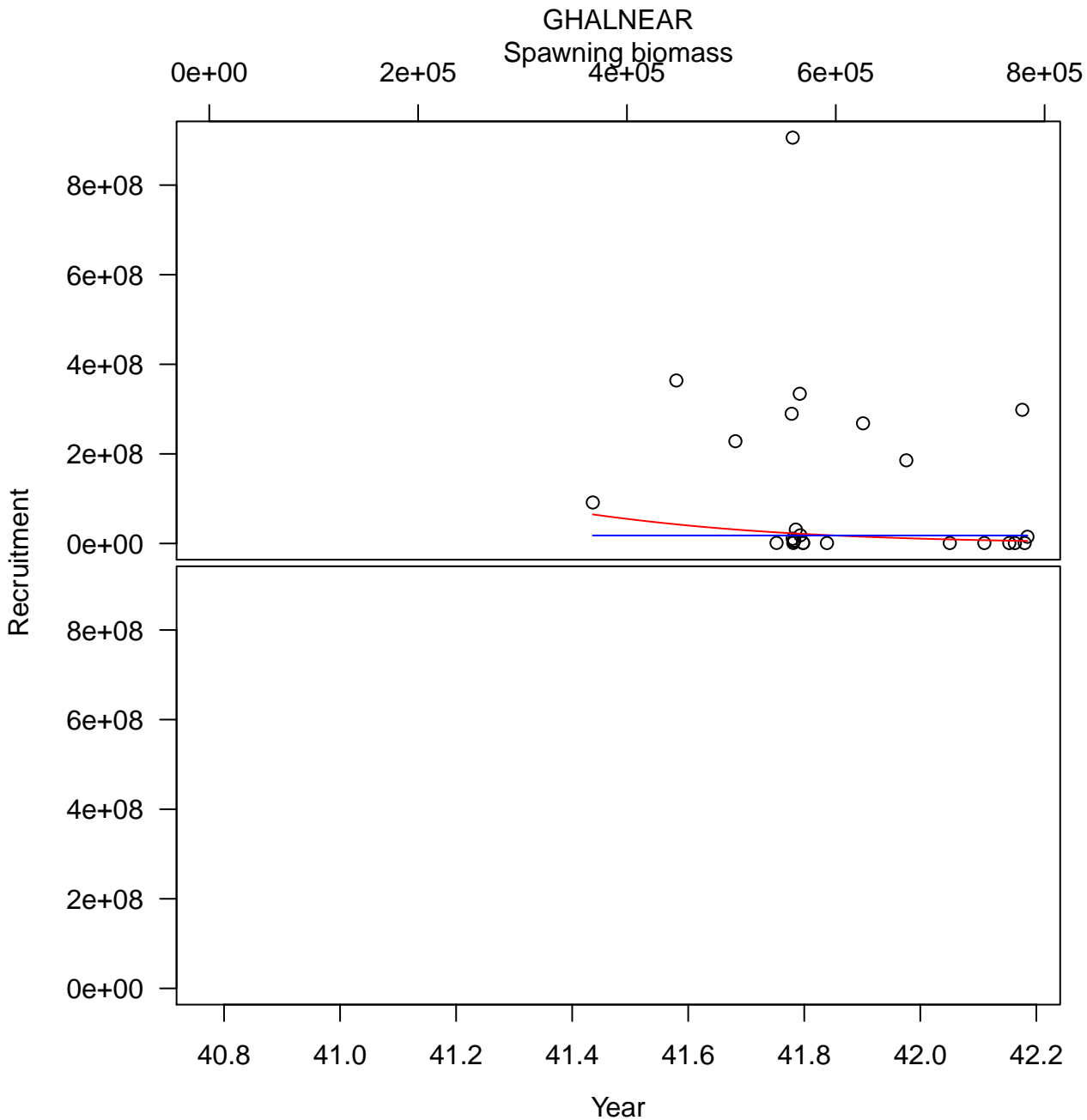


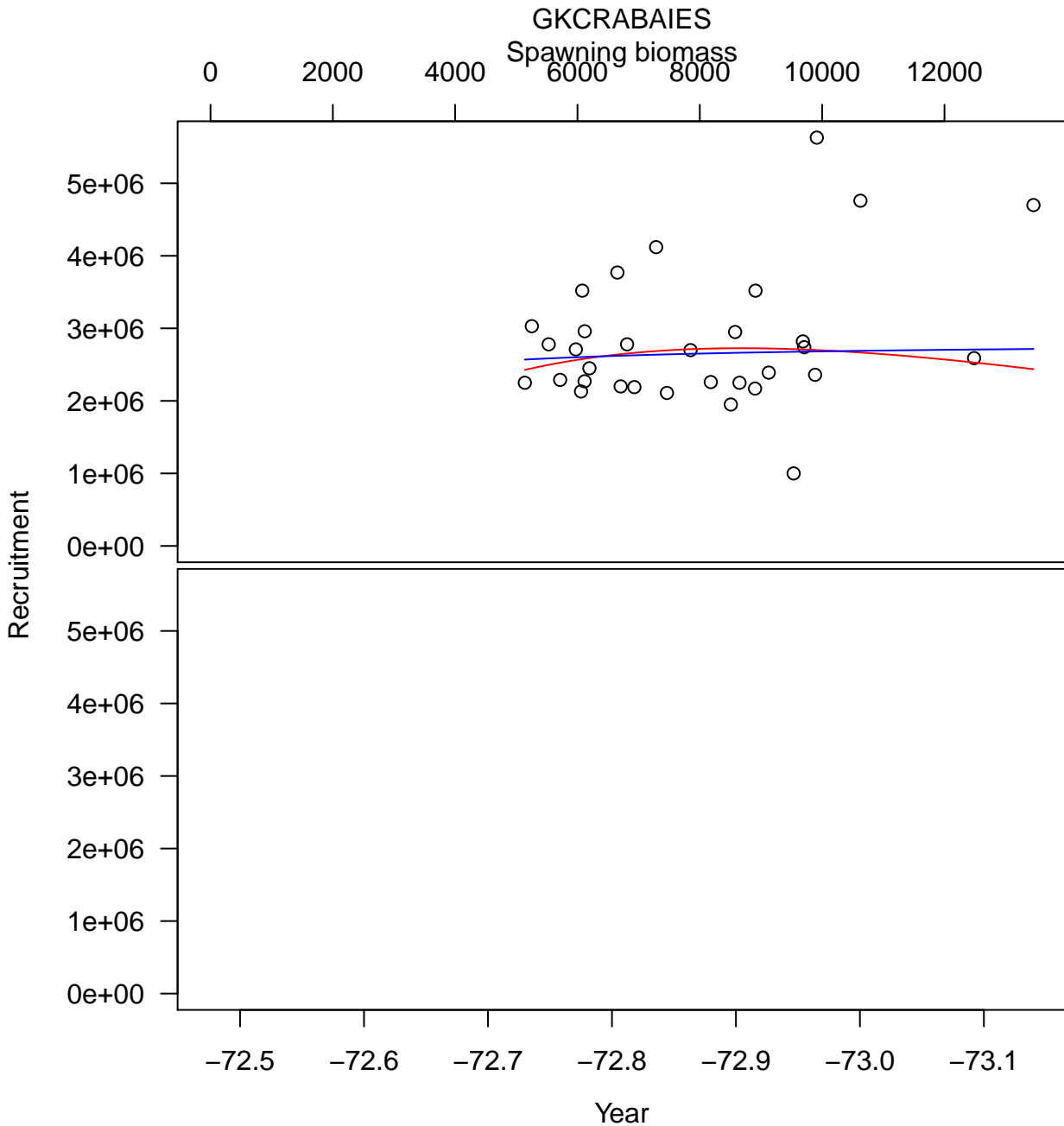
GHALBSAI

Spawning biomass

0 50000 100000 150000 200000 250000 300000







GOLDREDNEAR

Spawning biomass

0 10000 20000 30000 40000 50000 60000

2000000

1500000

1000000

500000

0

Recruitment

2000000

1500000

1000000

500000

0

-3.01115

-3.01110

-3.01105

-3.01100

-3.01095

-3.01090

Year

GOLDREDV.VI.XII.XIV

Spawning biomass

0e+00

1e+05

2e+05

3e+05

4e+05

Recruitment

4e+08

3e+08

2e+08

1e+08

0e+00

4e+08

3e+08

2e+08

1e+08

0e+00

-39.2

-39.3

-39.4

-39.5

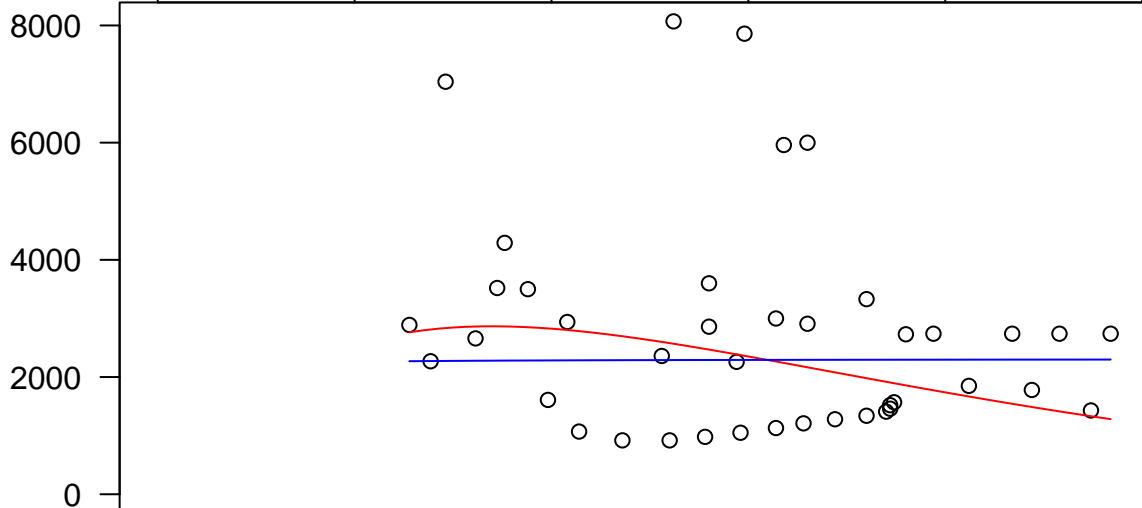
-39.6

Year

GOPHERSPCOAST

Spawning biomass

0 500 1000 1500 2000 2500



Recruitment



-35.0 -34.5 -34.0 -33.5 -33.0 -32.5 -32.0

Year

GRAMBERGM

Spawning biomass

0

5000

10000

15000

3e+06

2e+06

1e+06

0e+00

Recruitment

3e+06

2e+06

1e+06

0e+00

-76

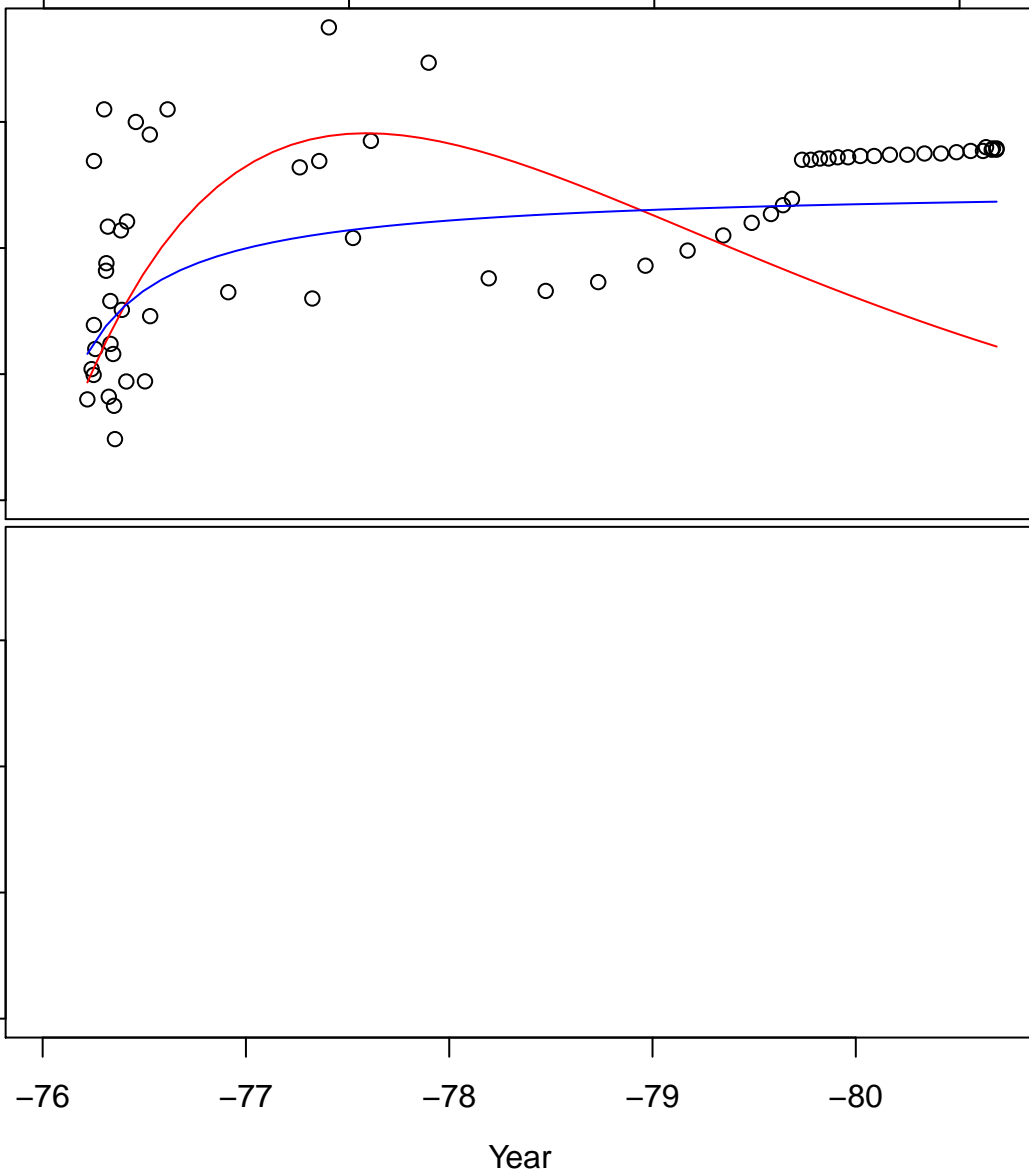
-77

-78

-79

-80

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

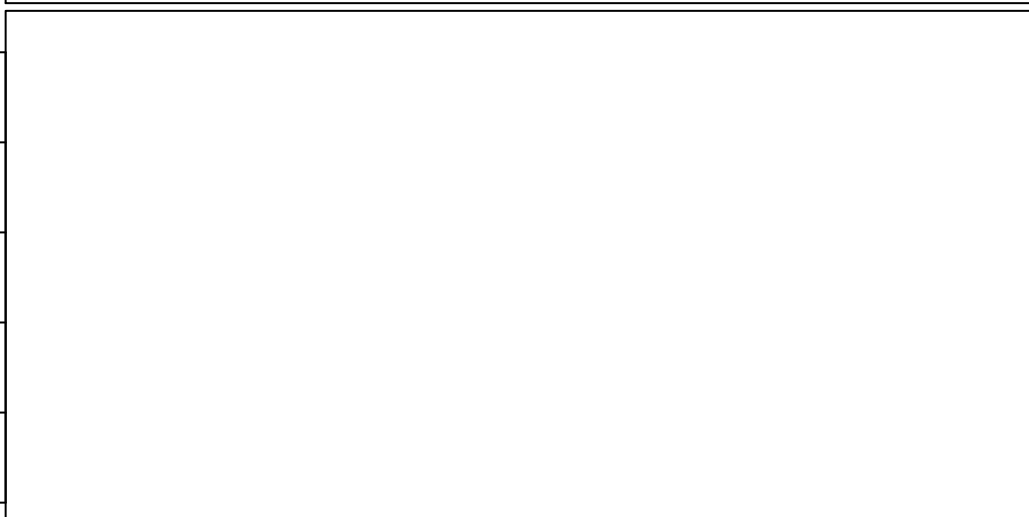
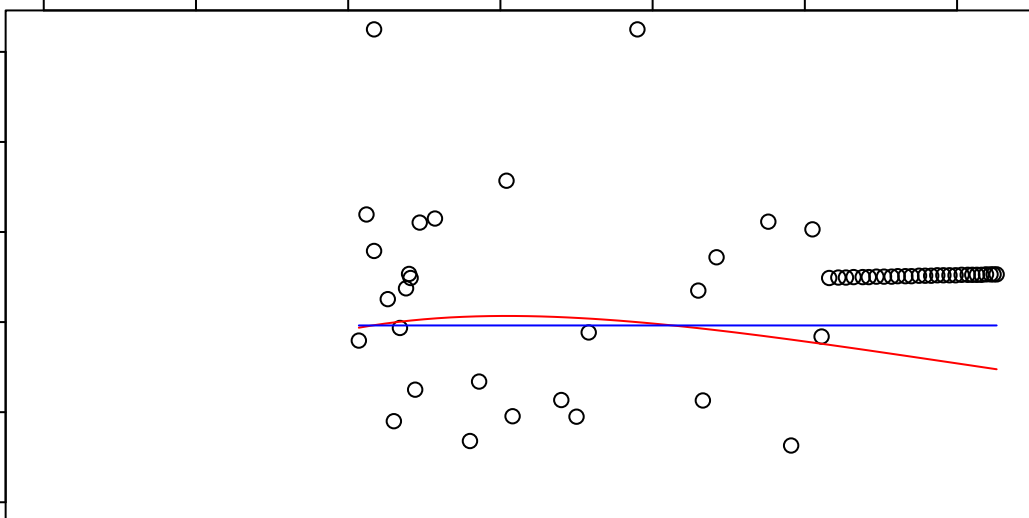
-30.6

-30.8

-31.0

-31.2

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

-26.86

-26.87

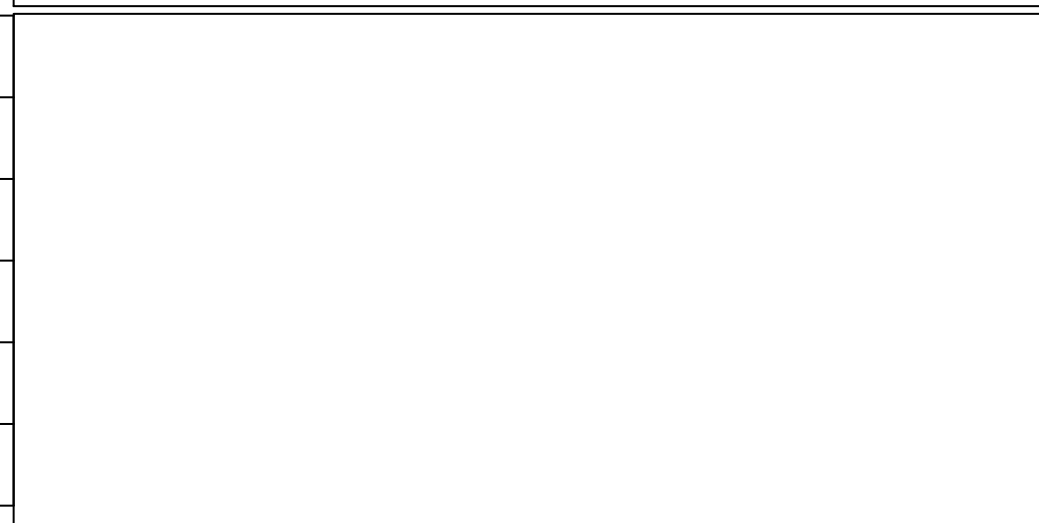
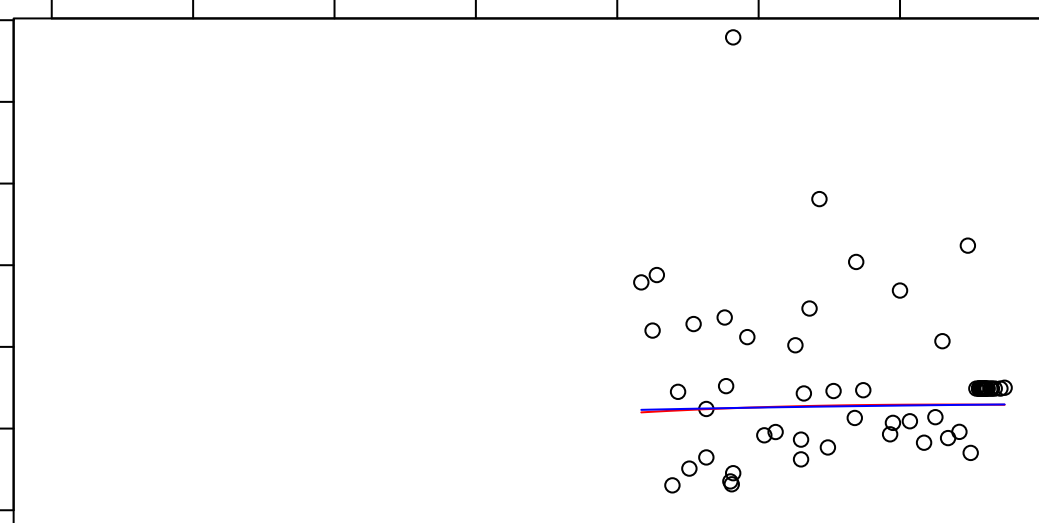
-26.88

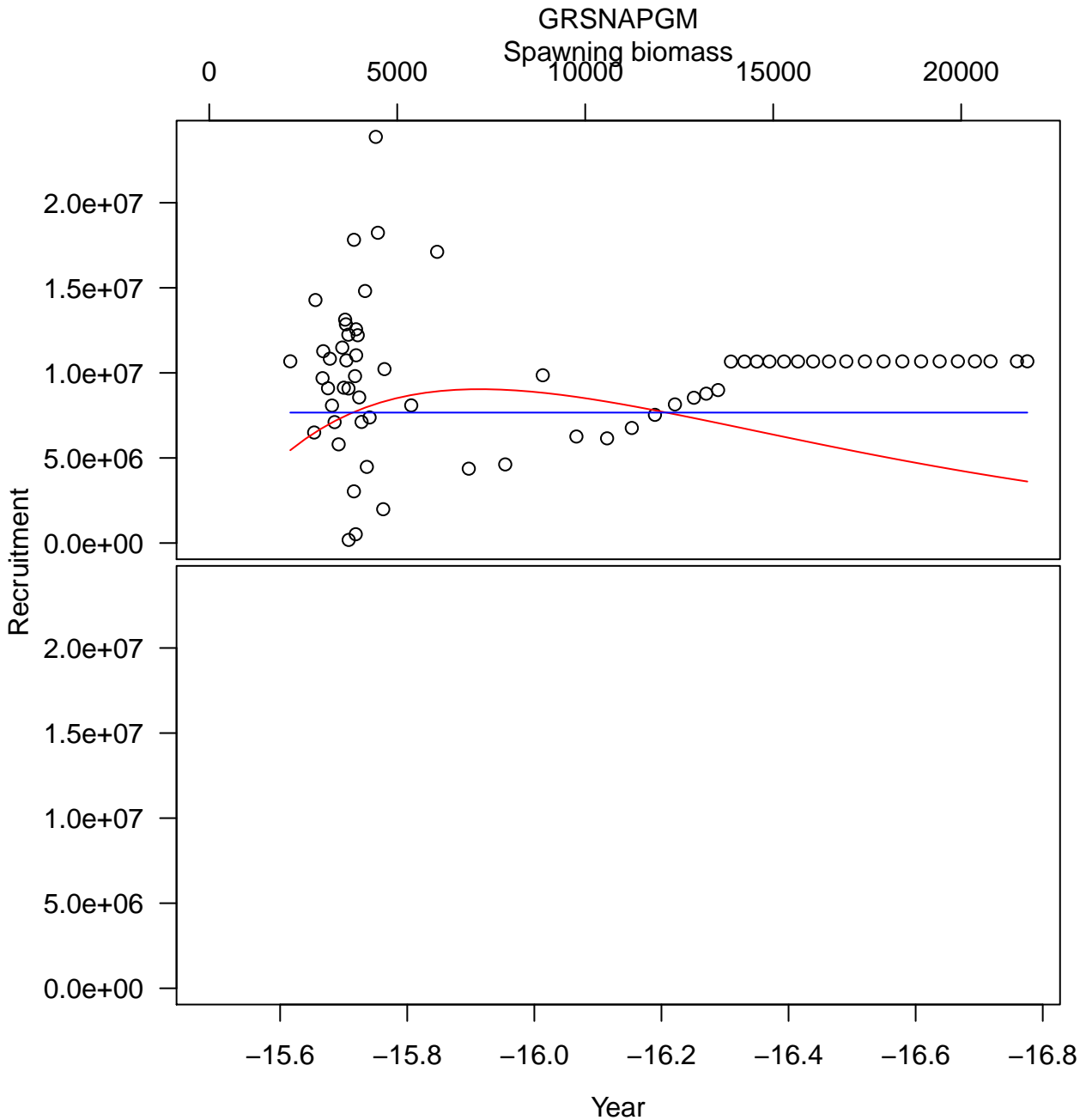
-26.89

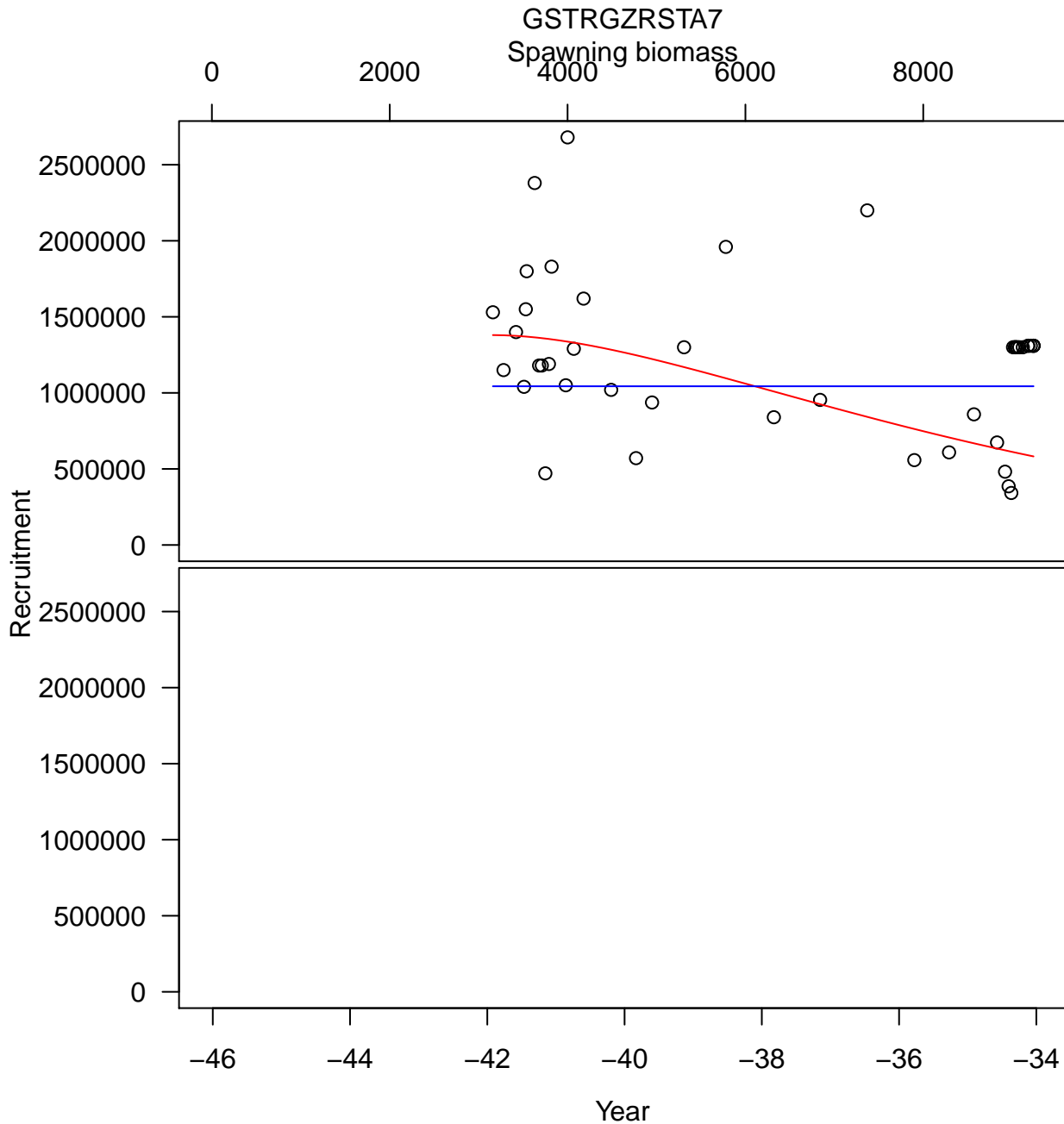
-26.90

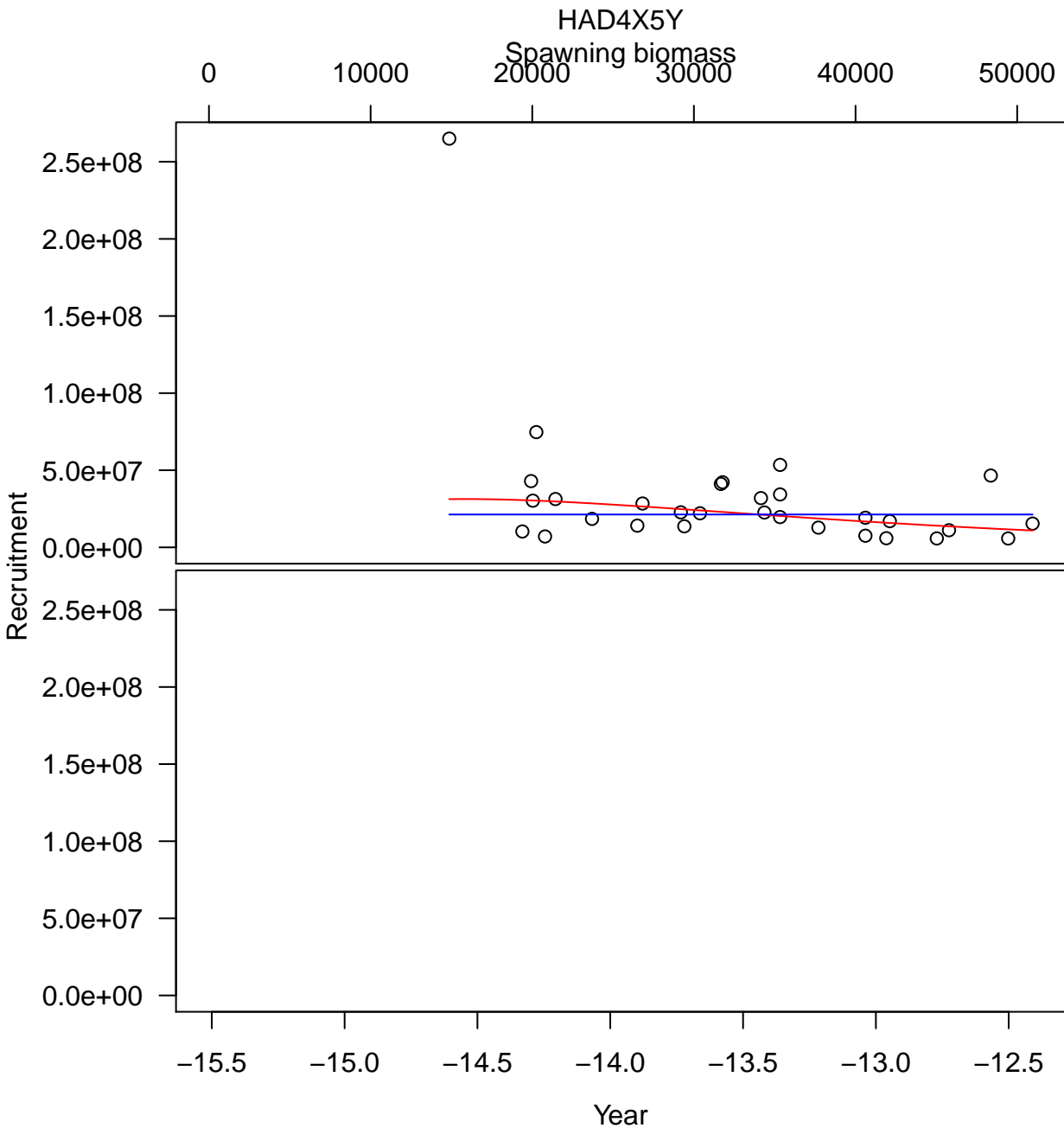
-26.91

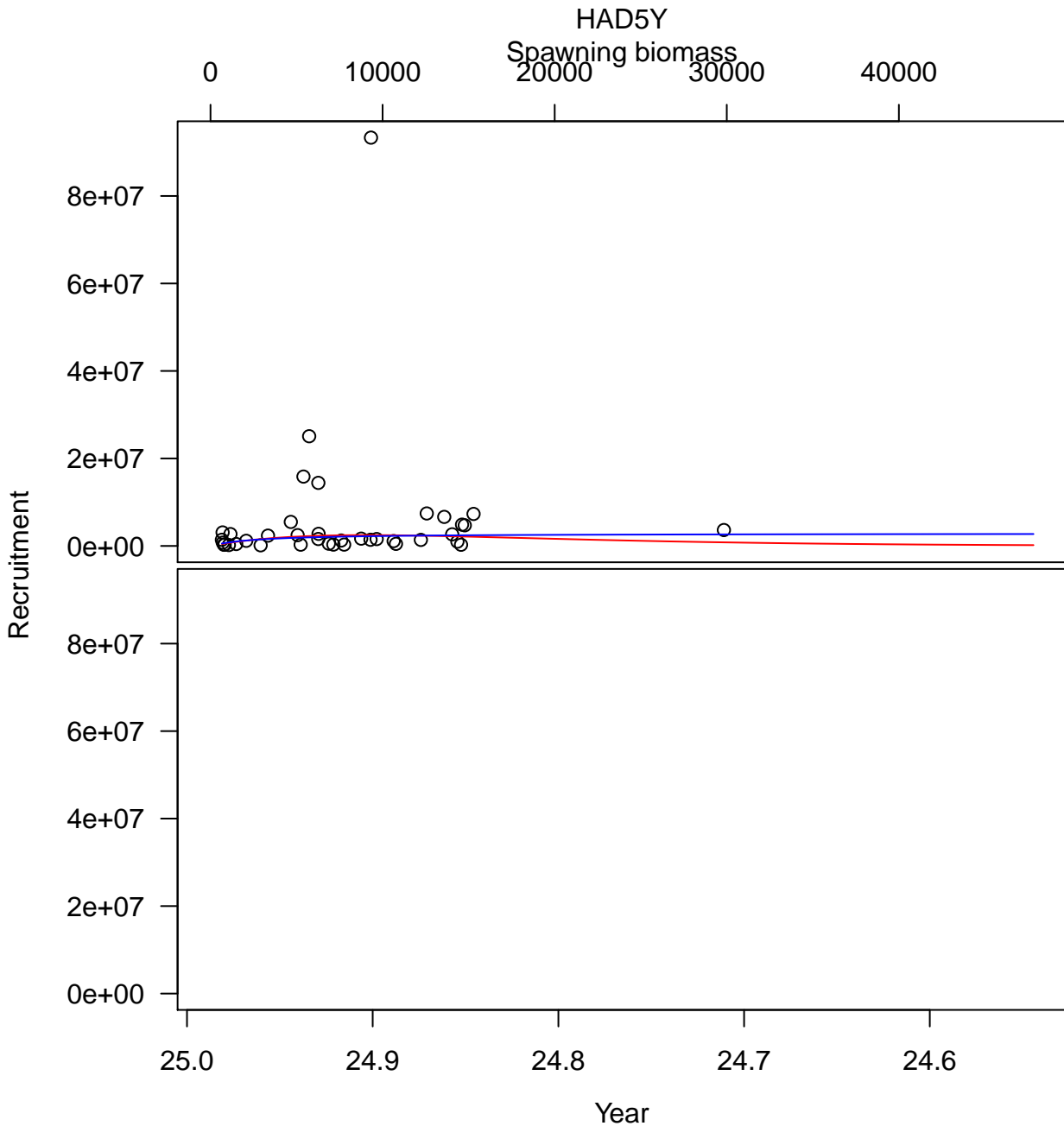
Year

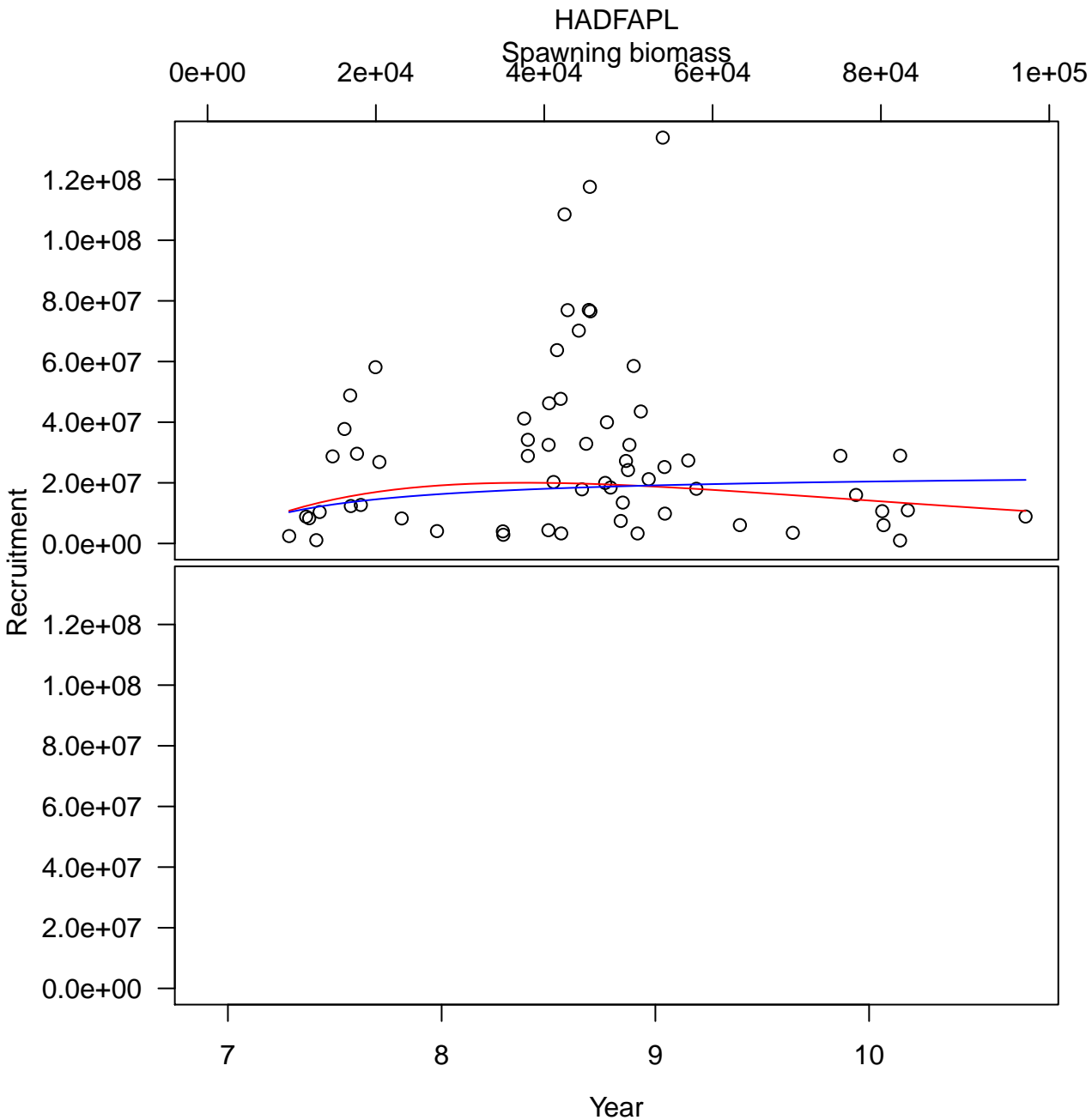


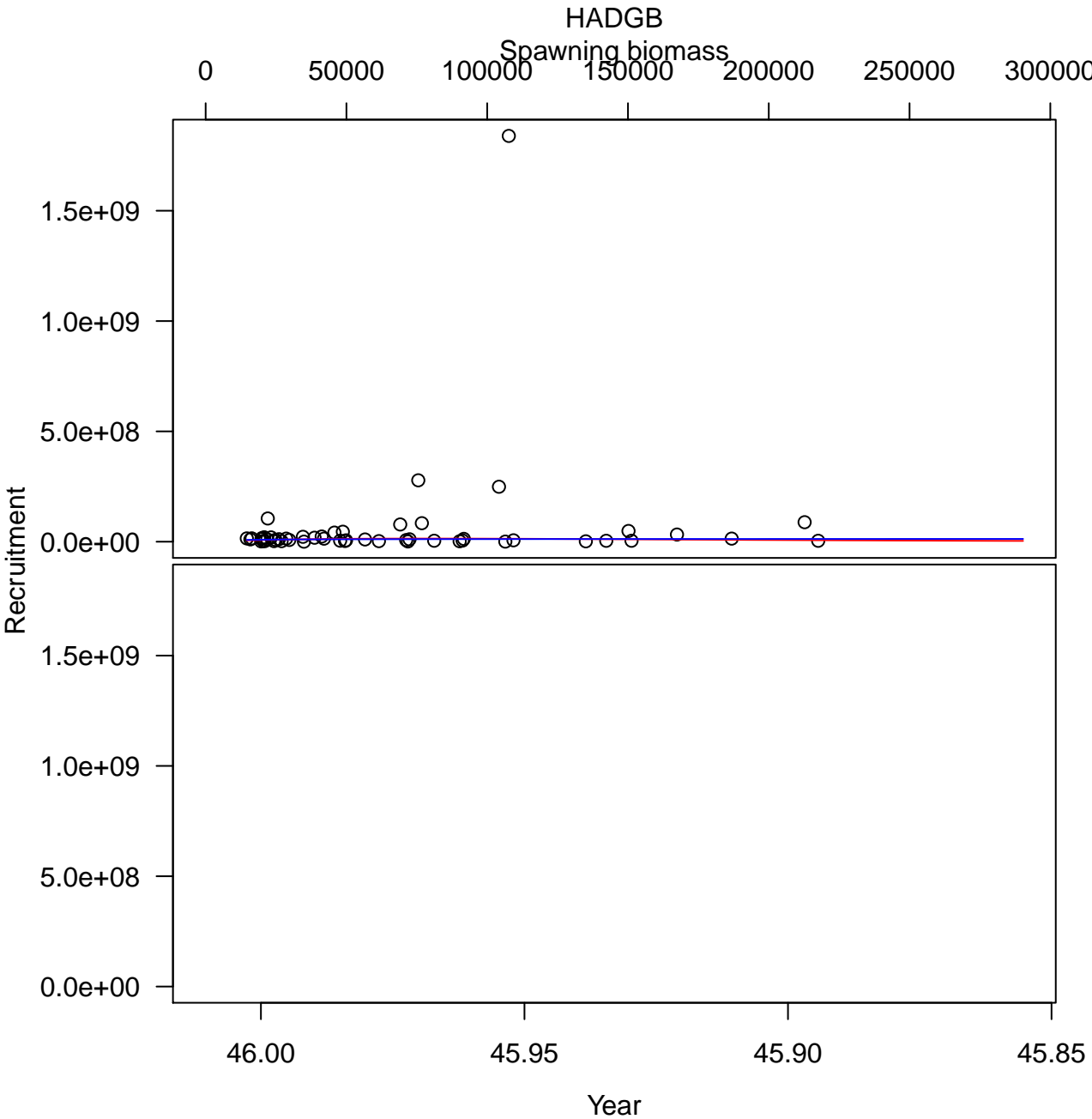


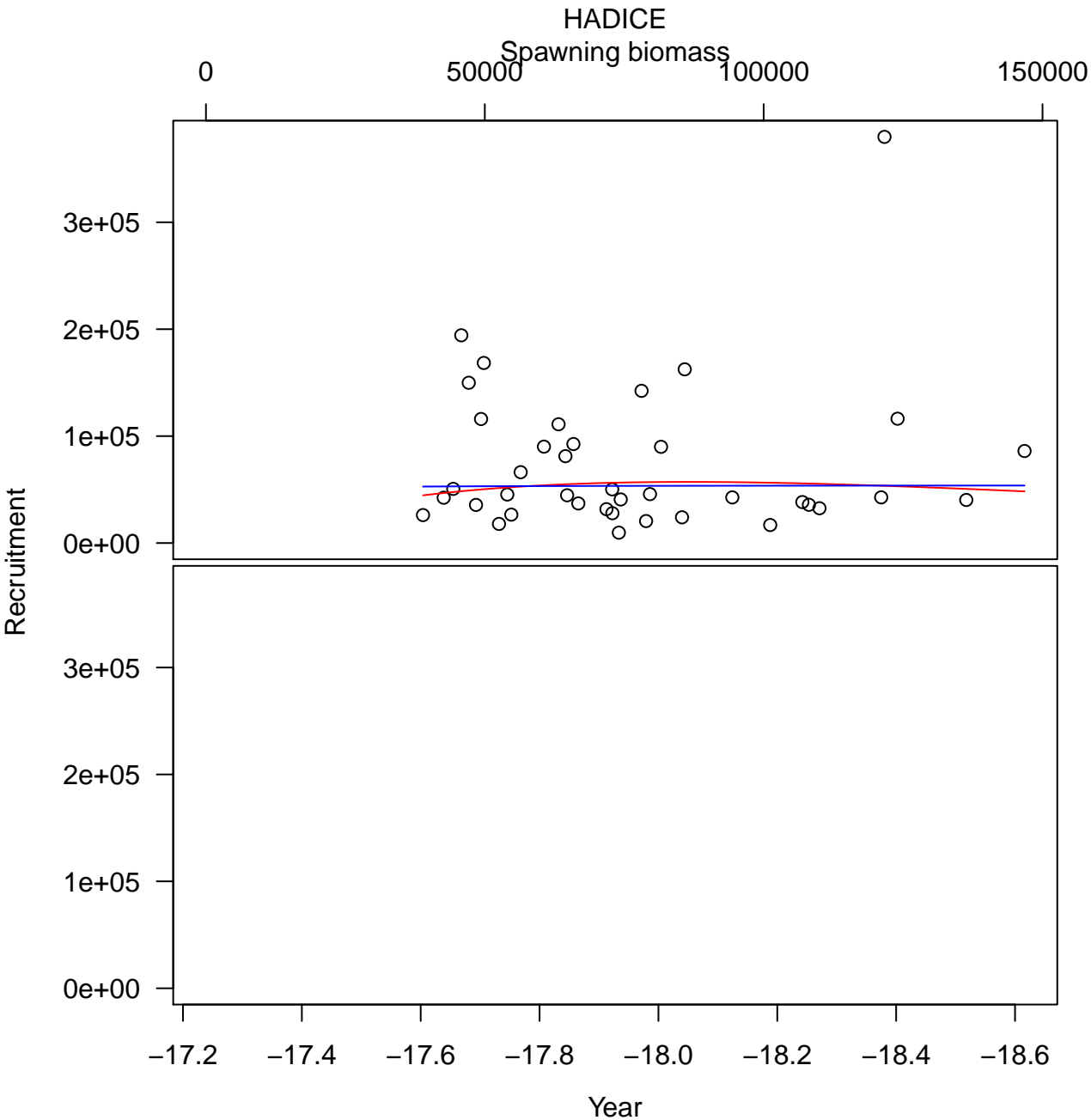


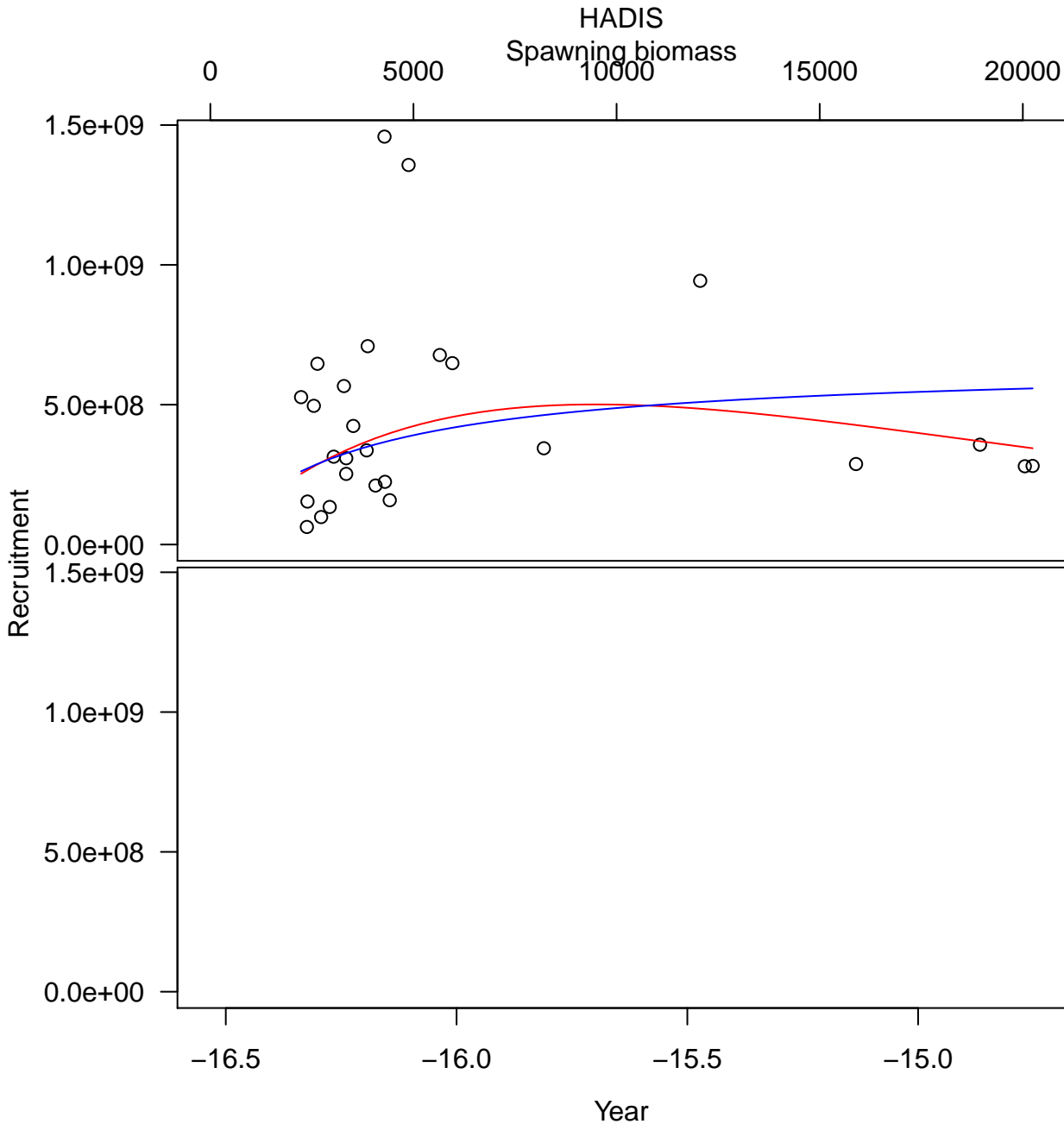


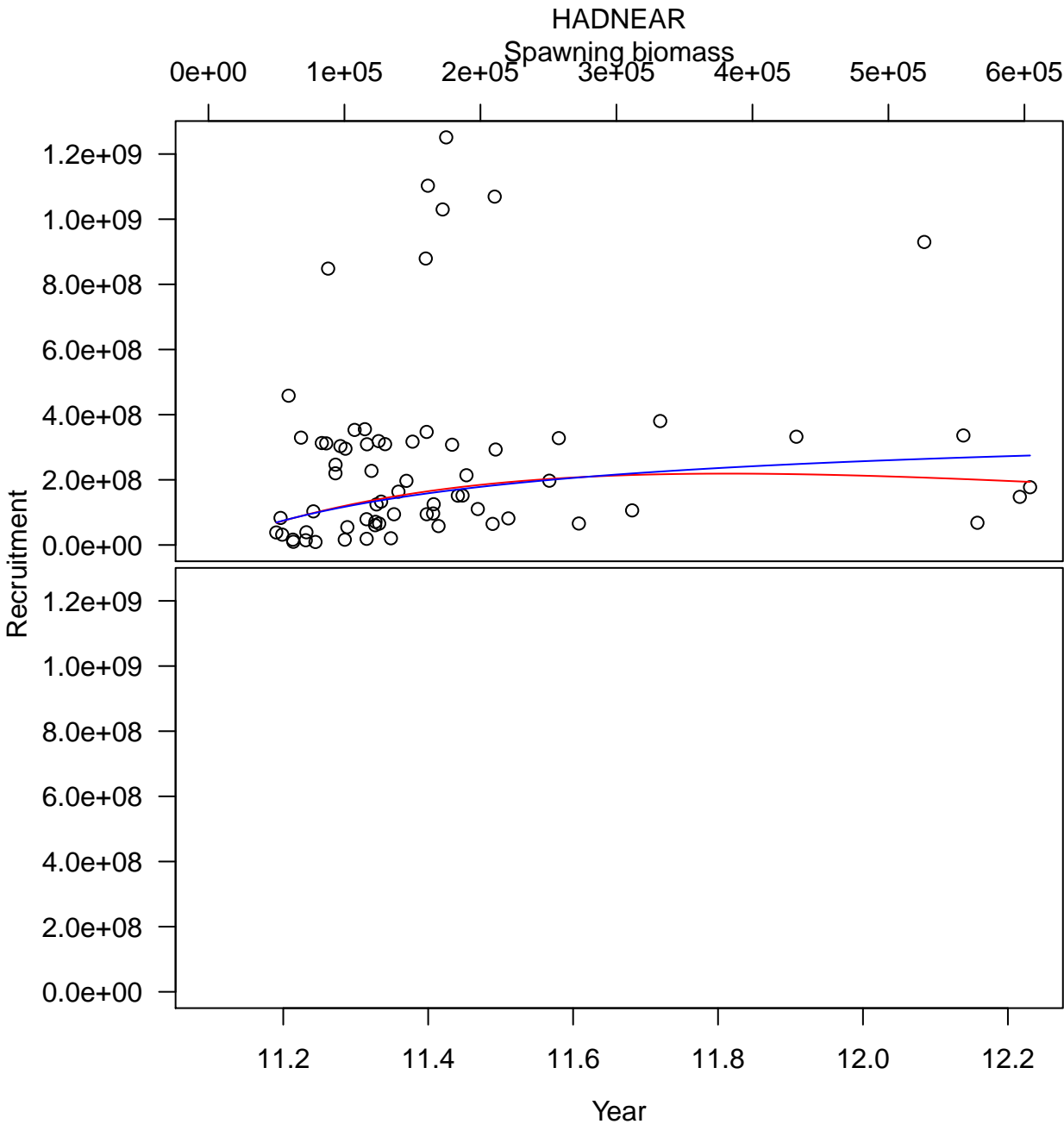












HADNS.IIIa.VIa

Spawning biomass

0e+00

1e+05

2e+05

3e+05

4e+05

5e+05

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

32.4

32.2

32.0

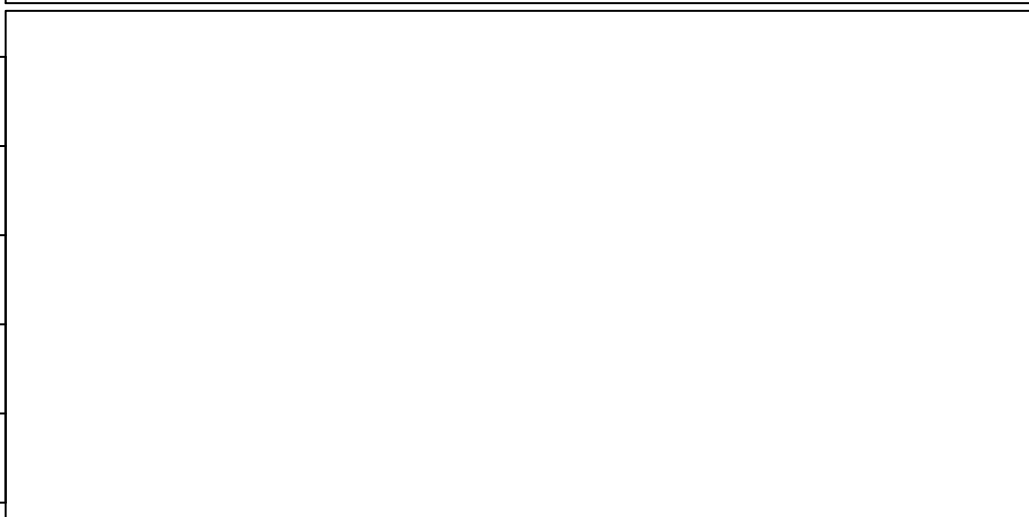
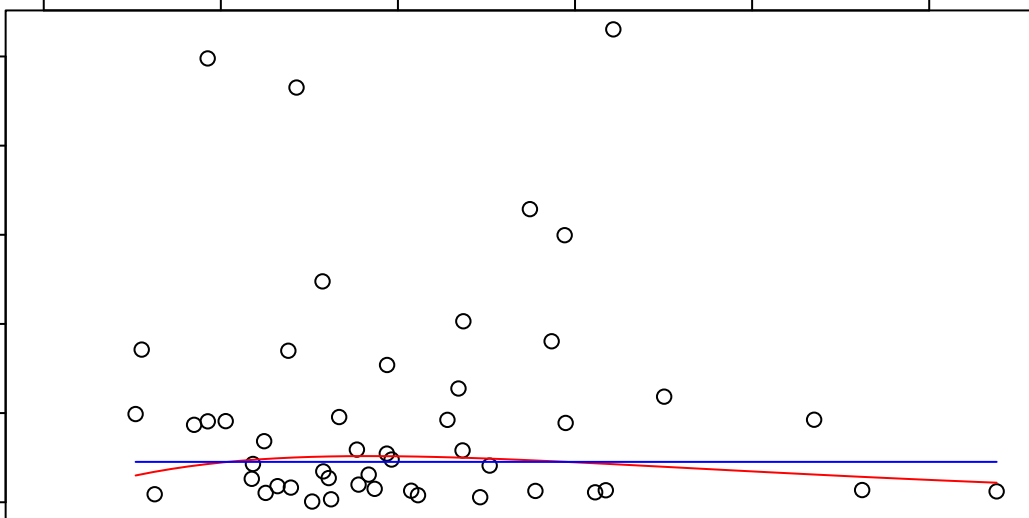
31.8

31.6

31.4

31.2

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

24.8

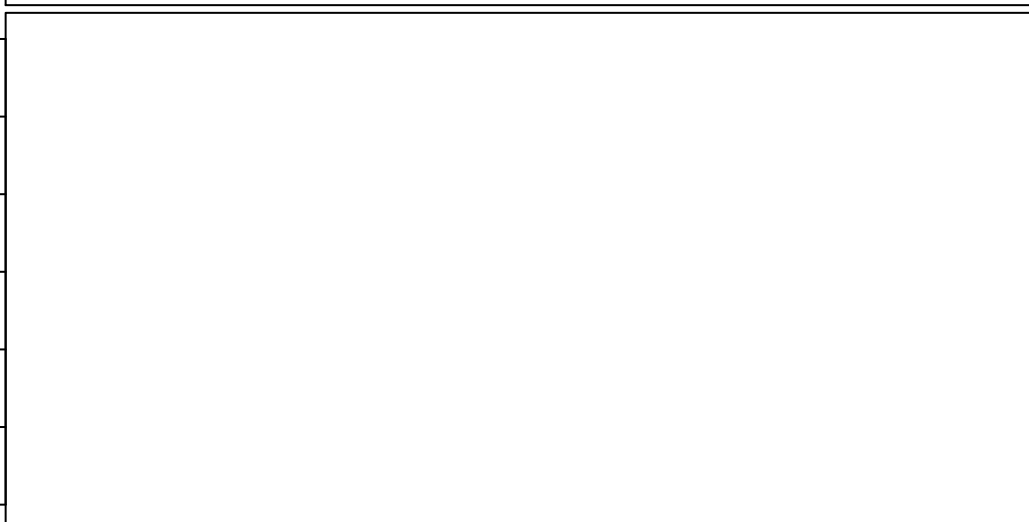
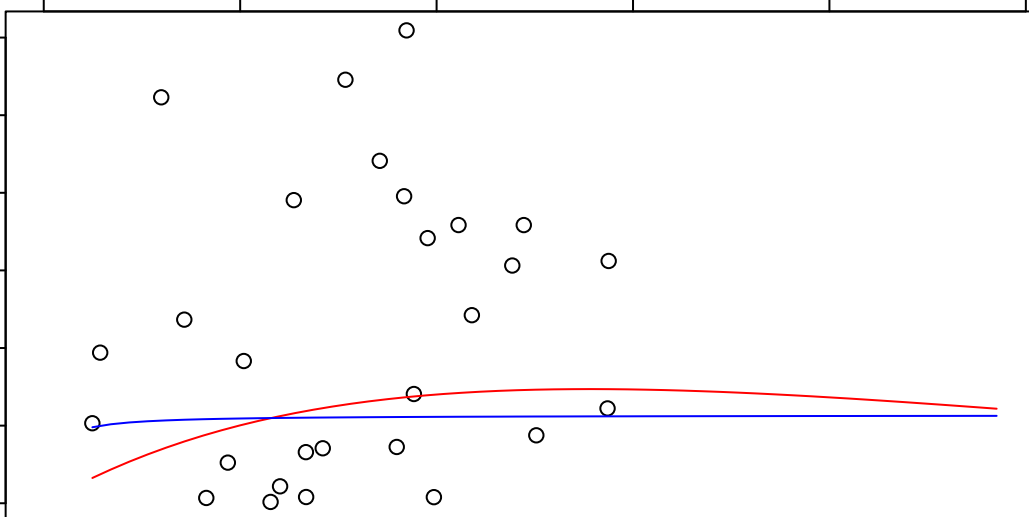
24.6

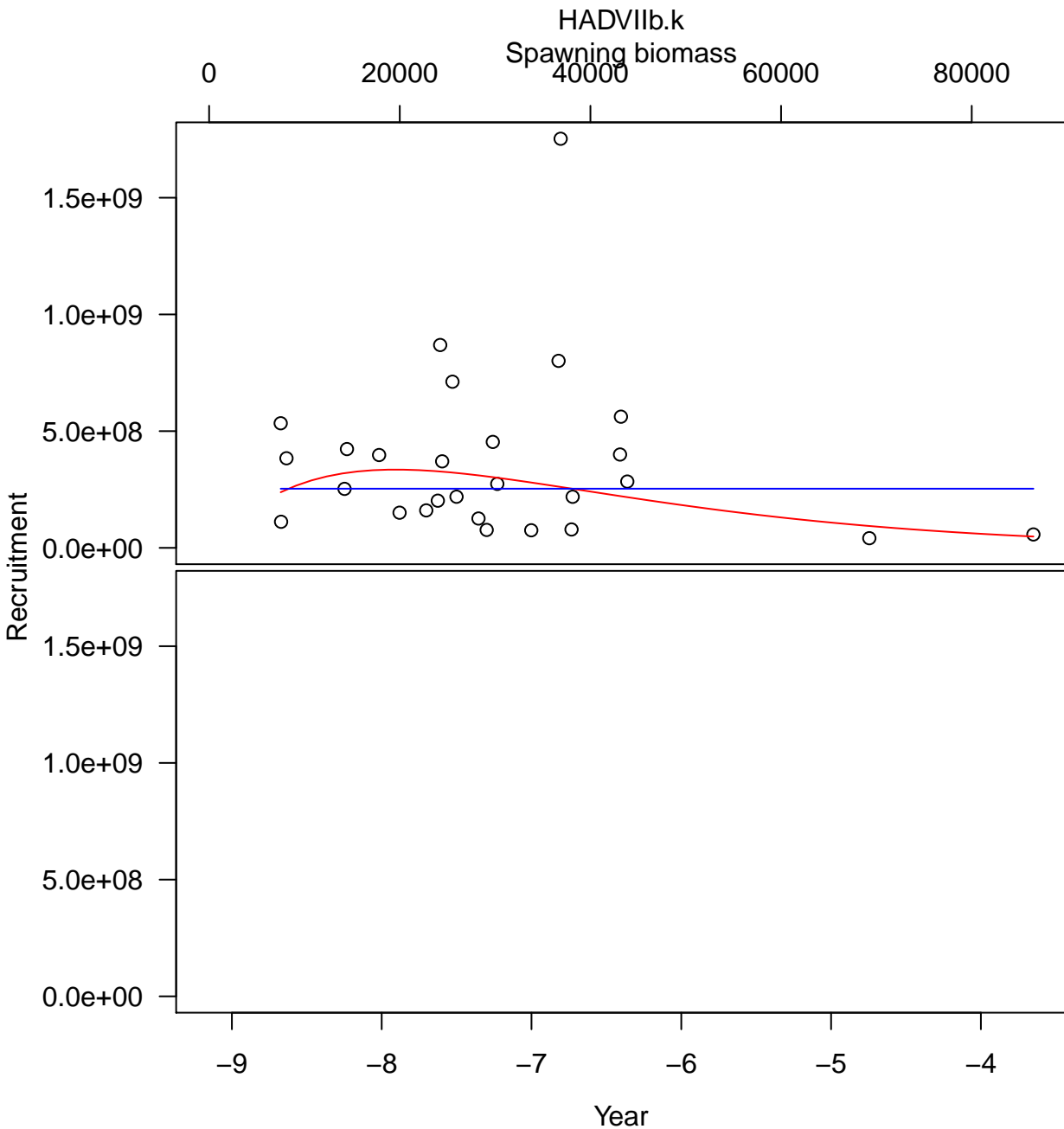
24.4

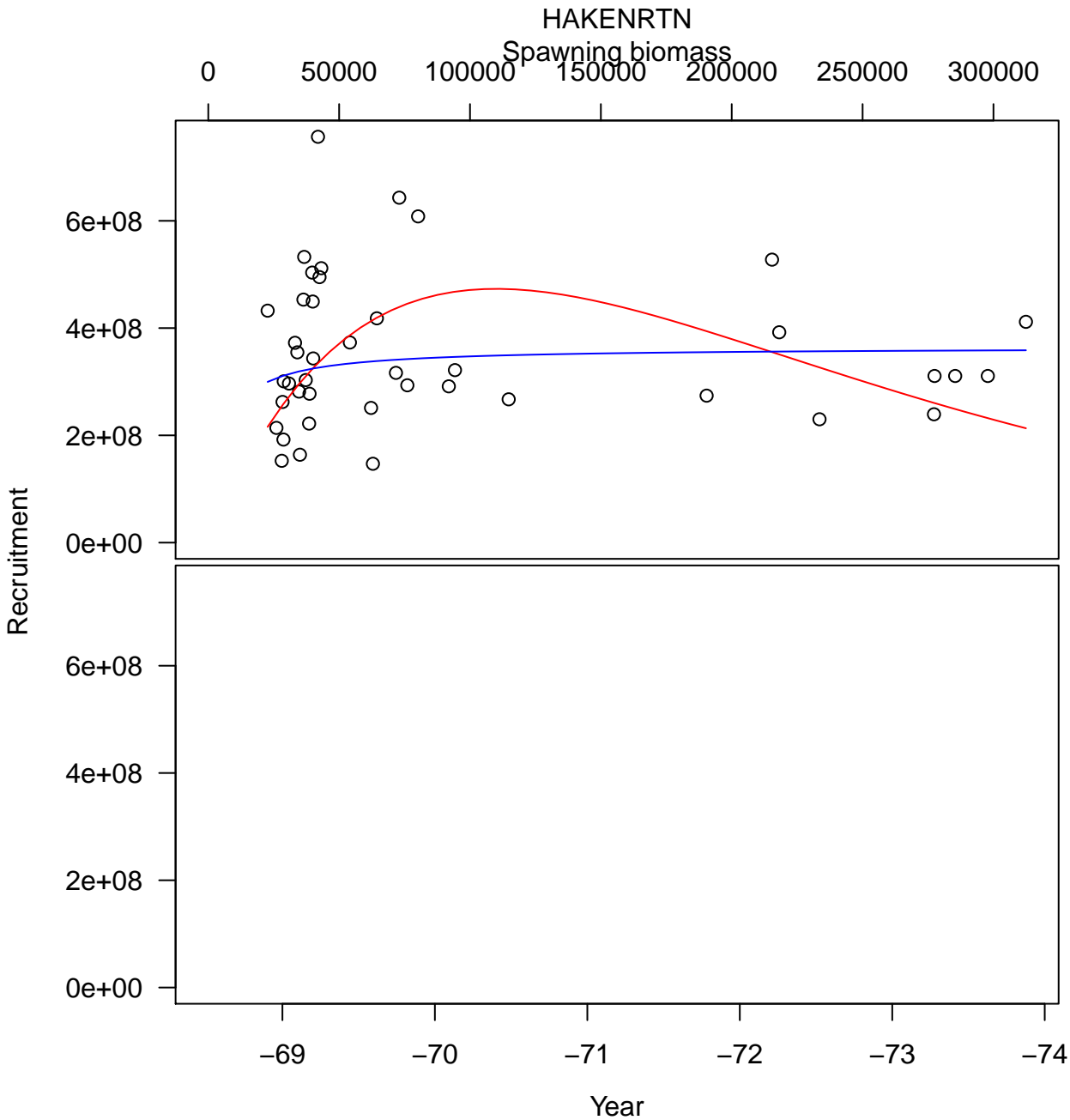
24.2

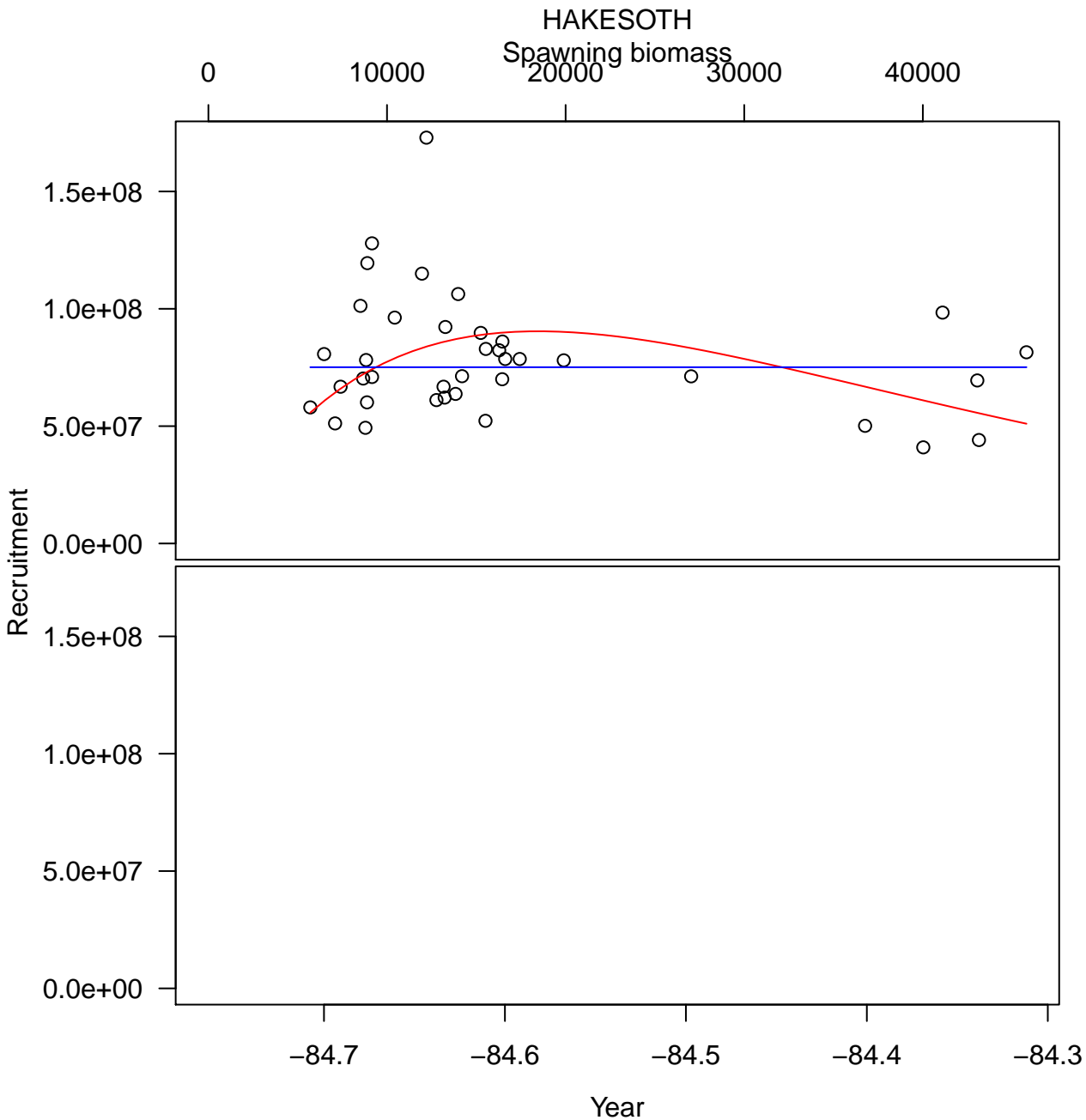
24.0

Year









HAKESPPSAF

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

-103.5

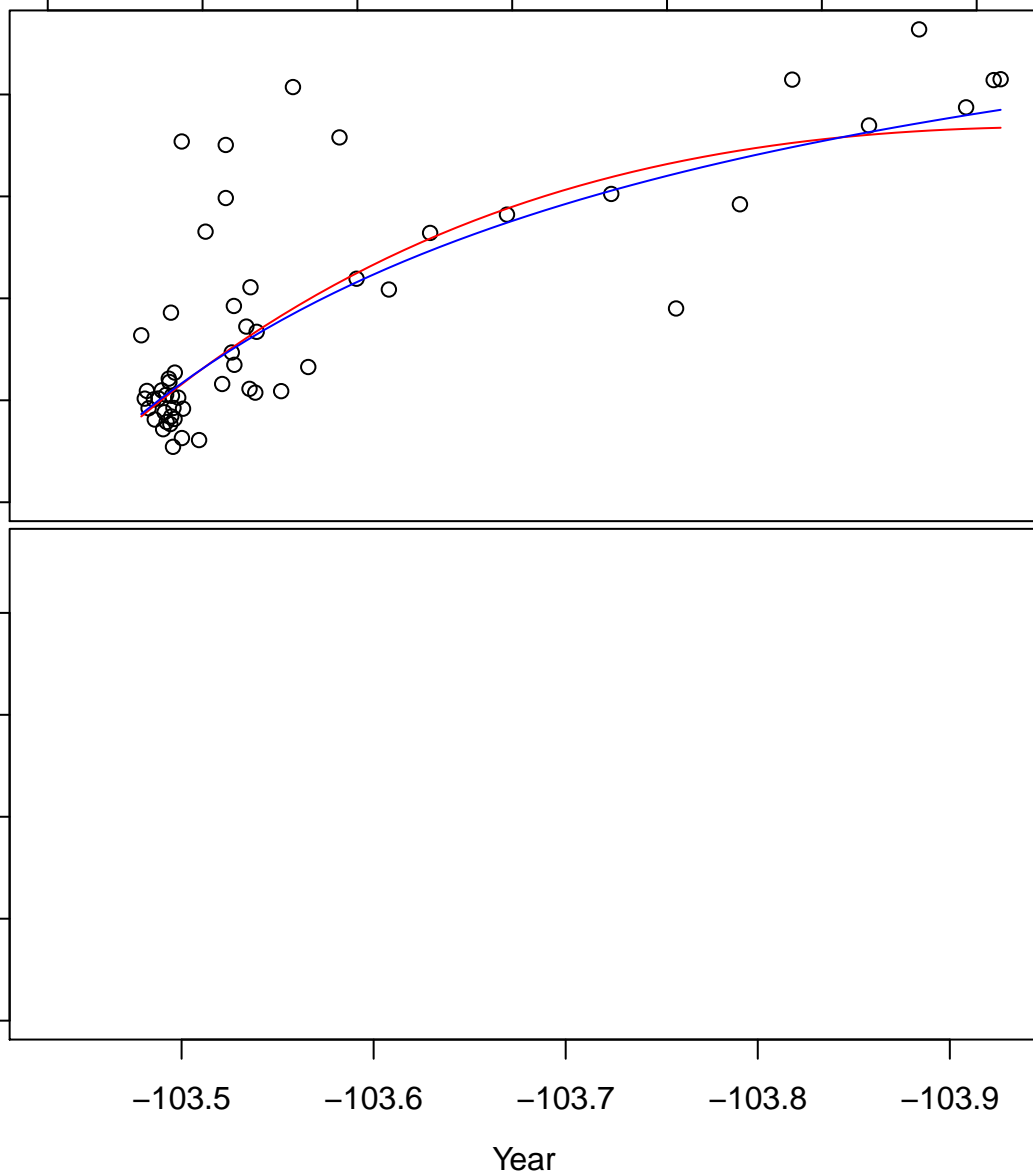
-103.6

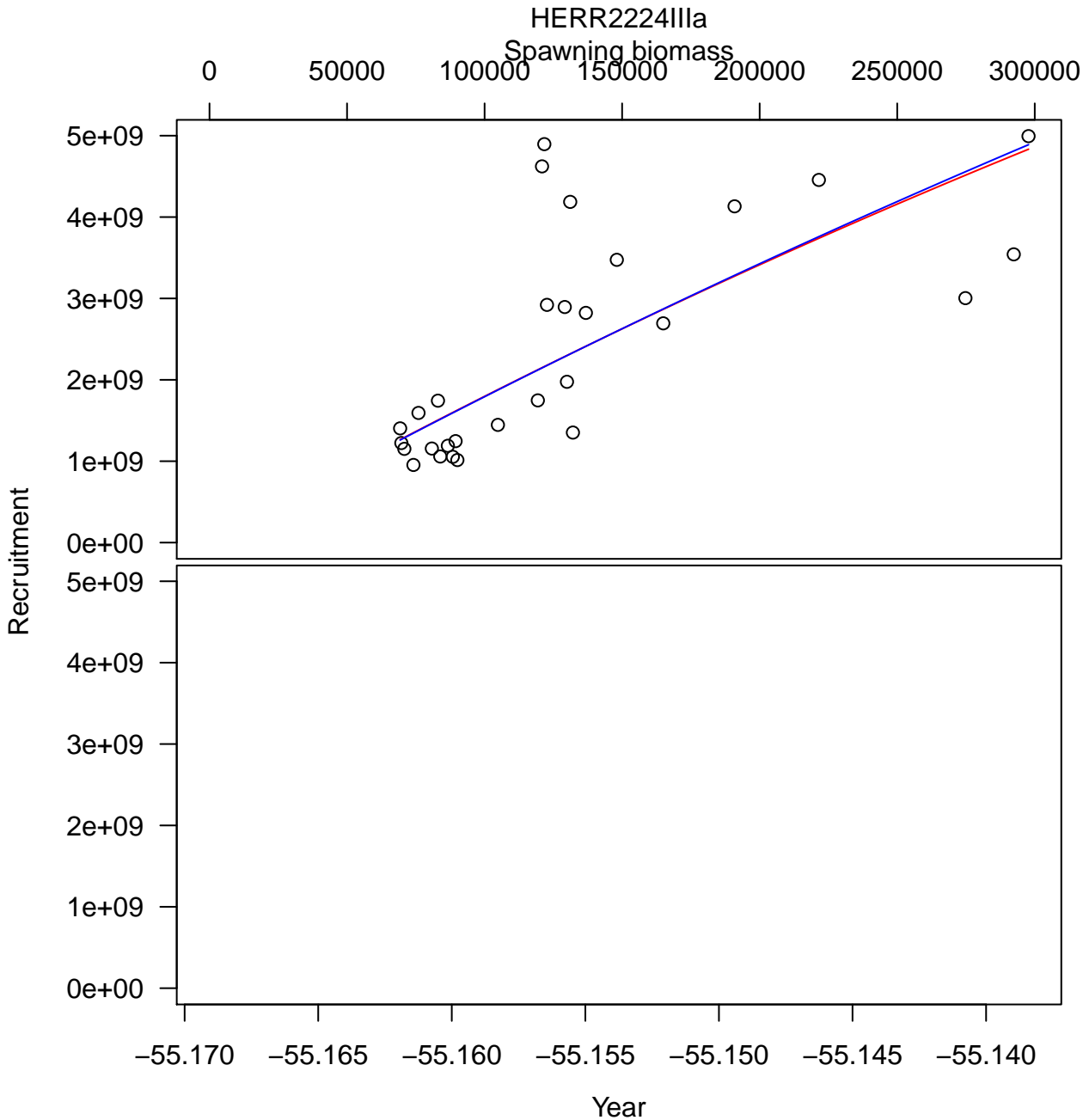
-103.7

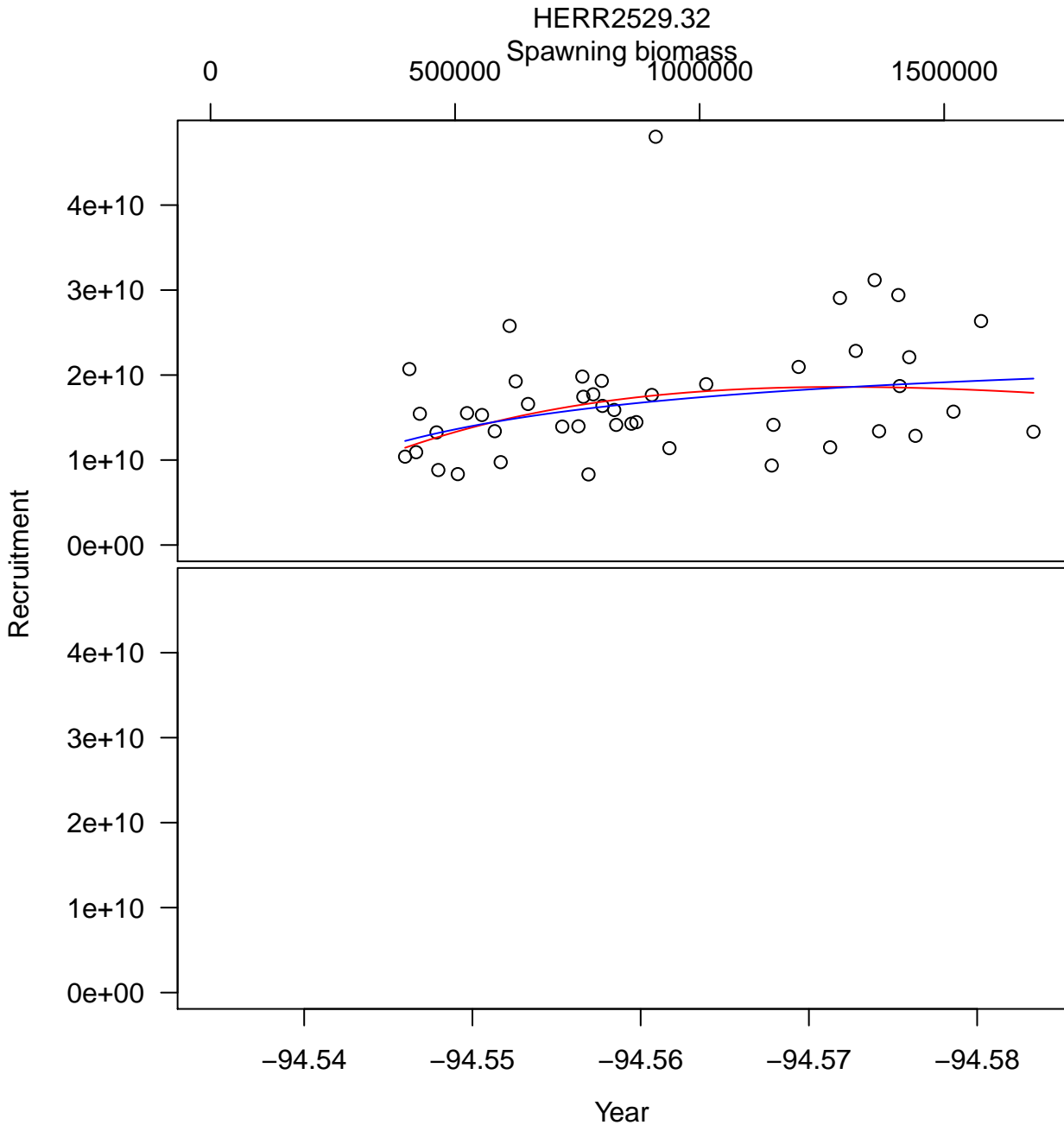
-103.8

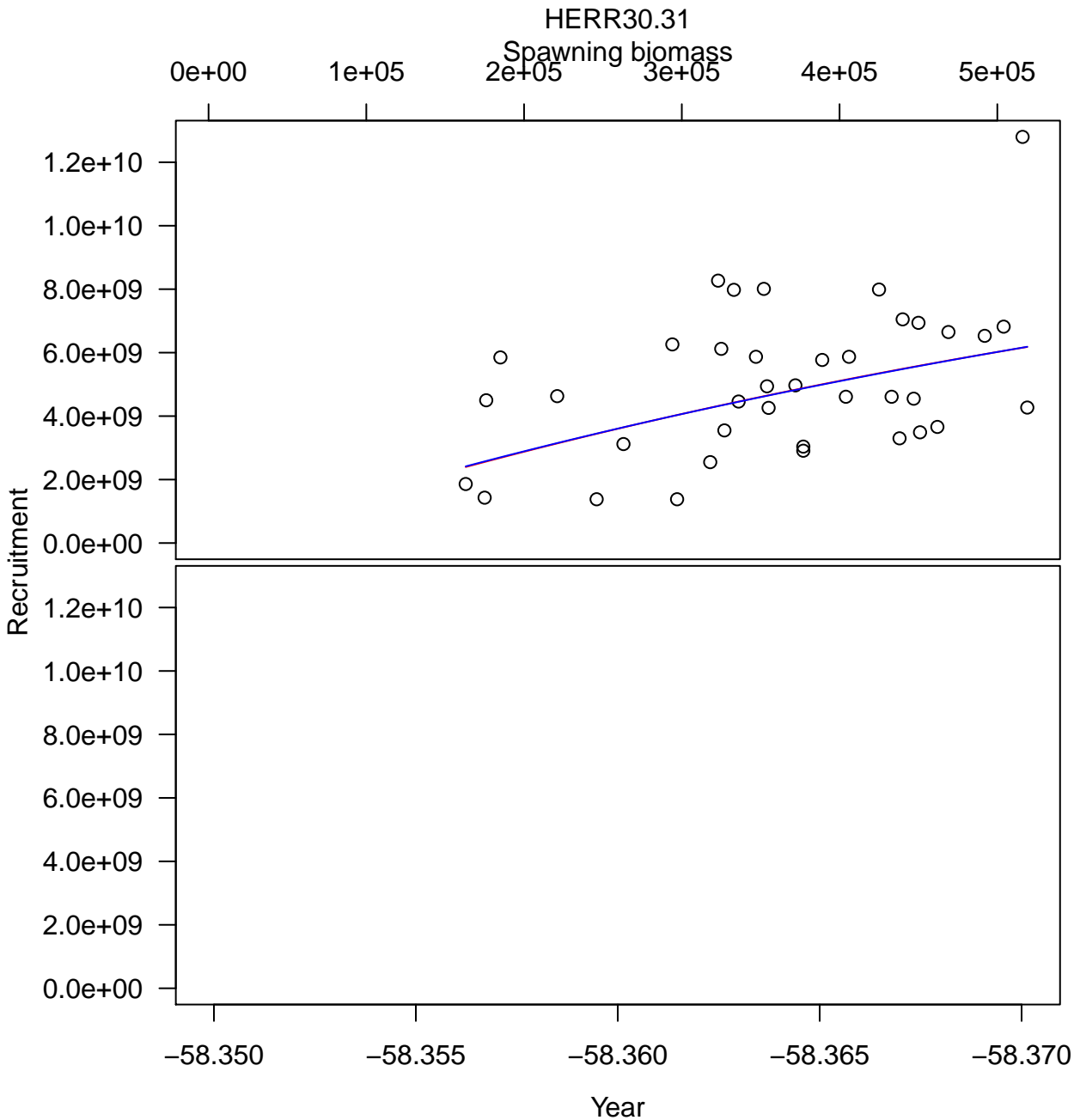
-103.9

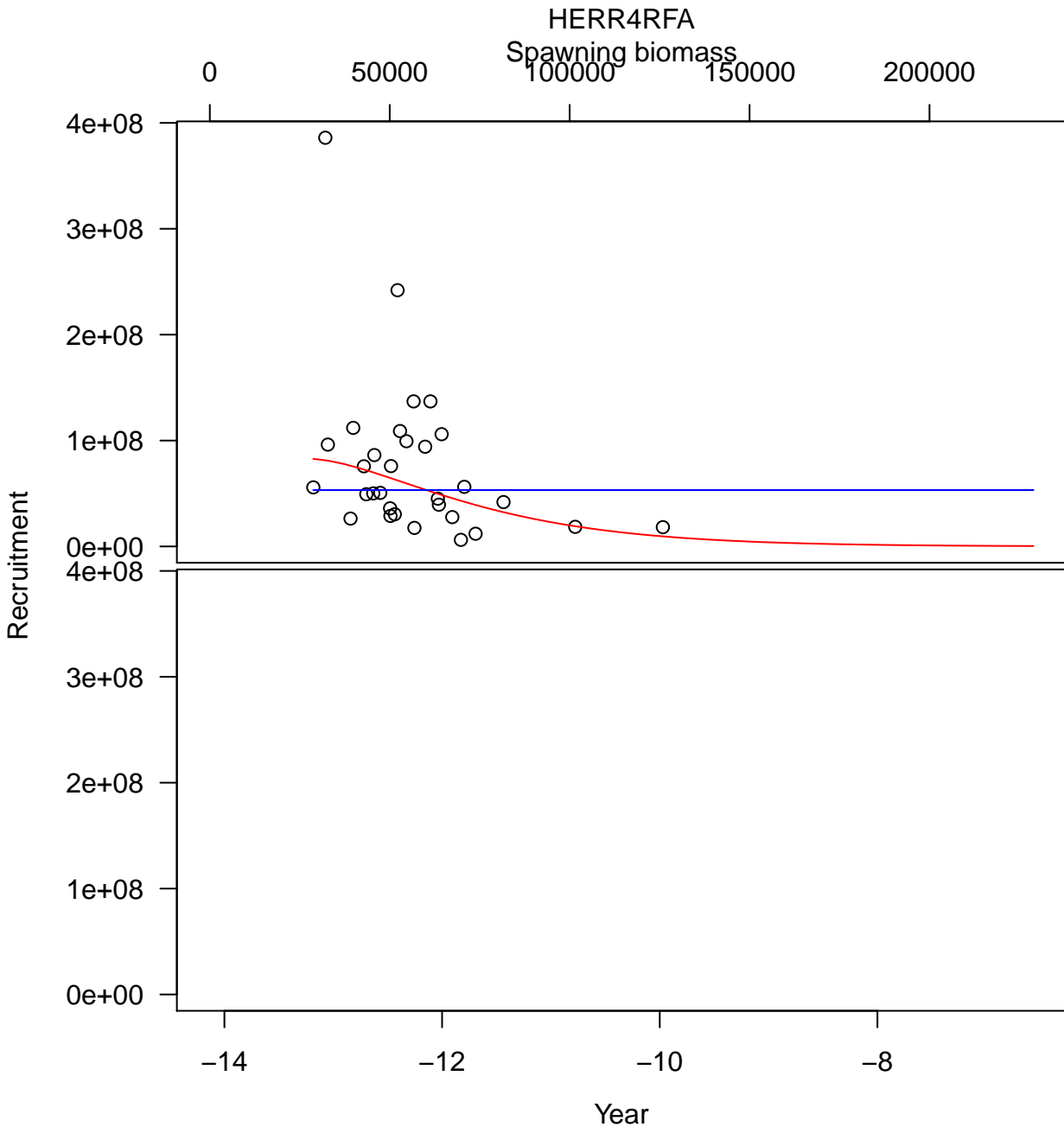
Year

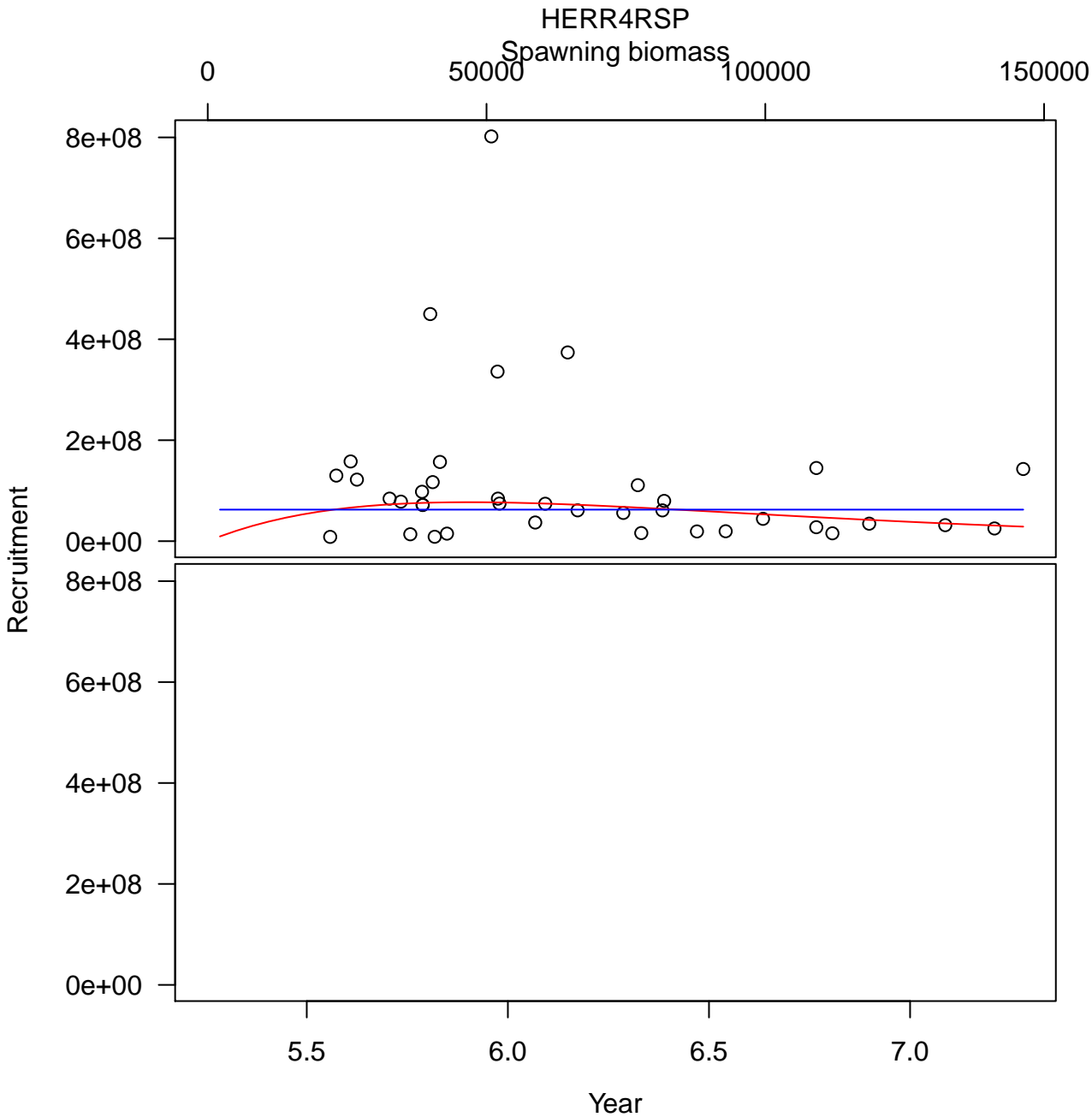


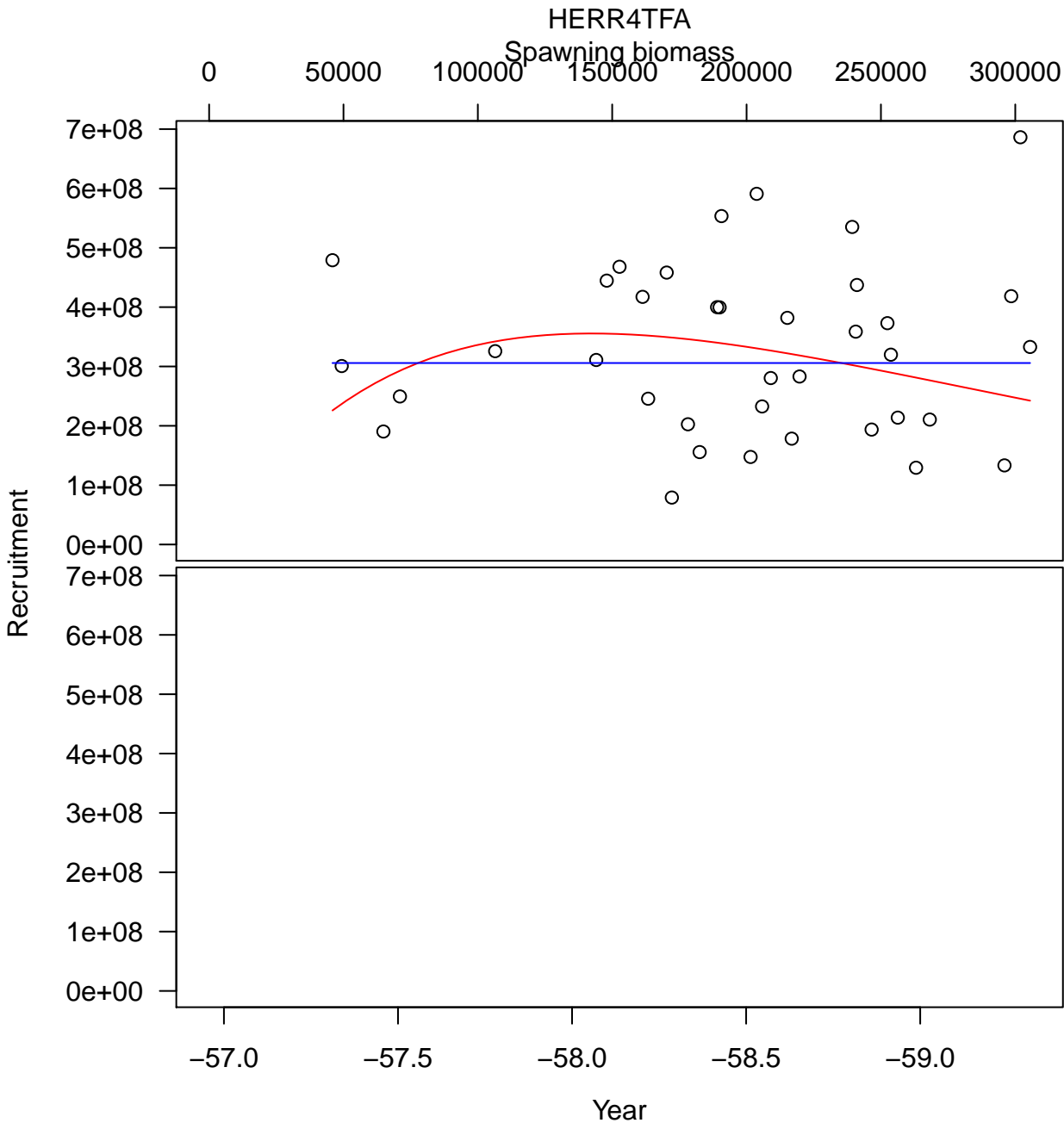


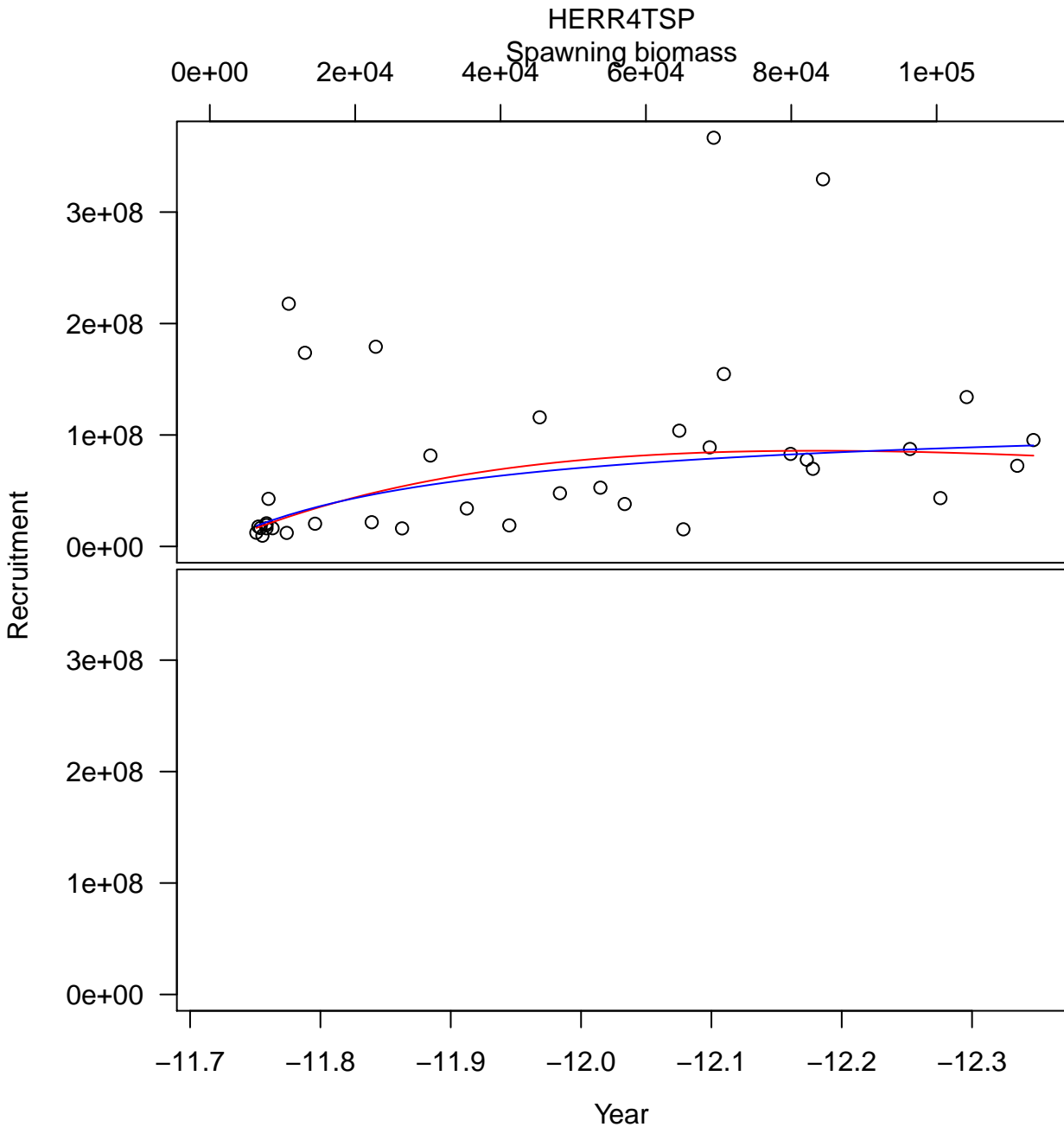


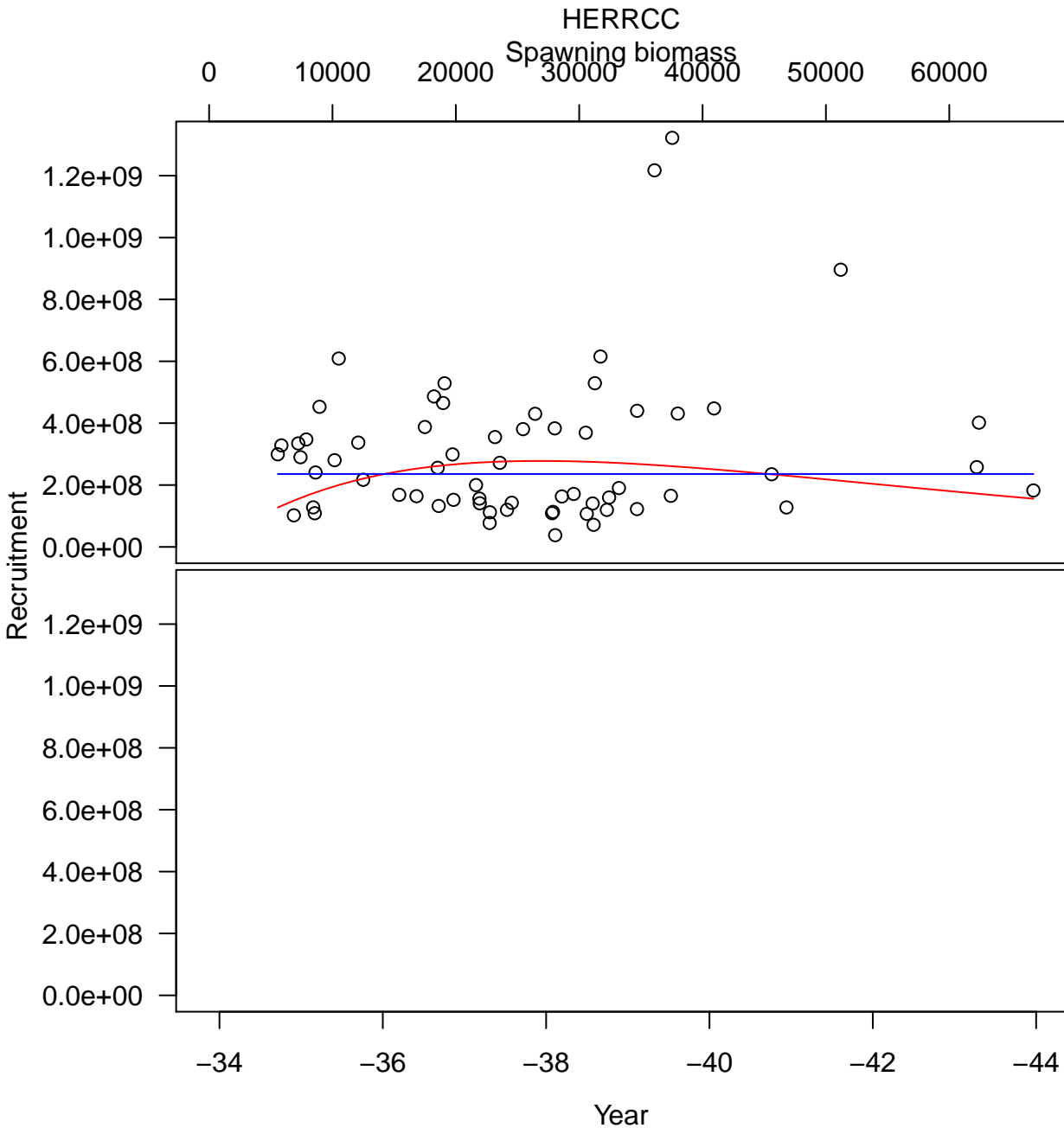


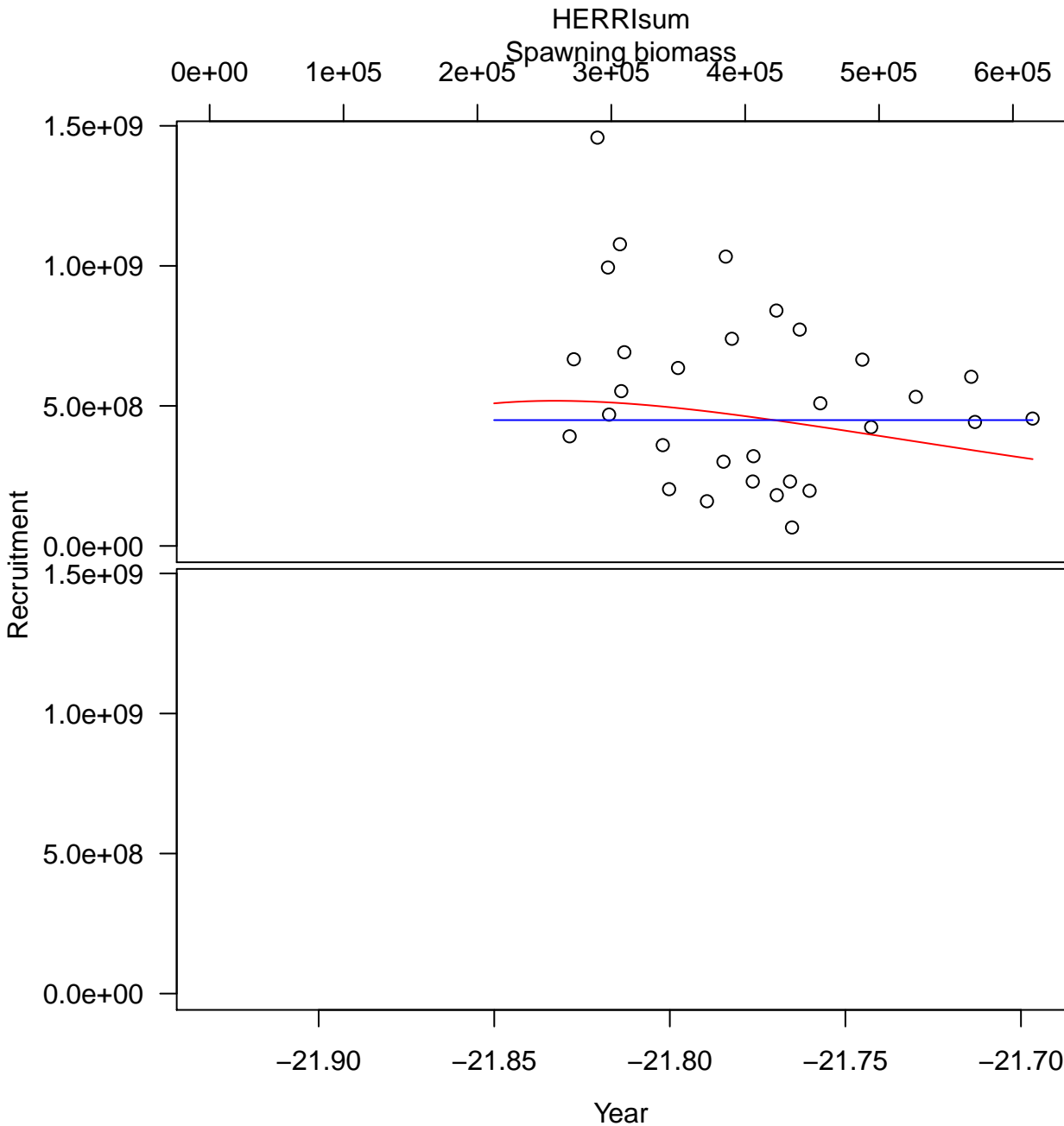


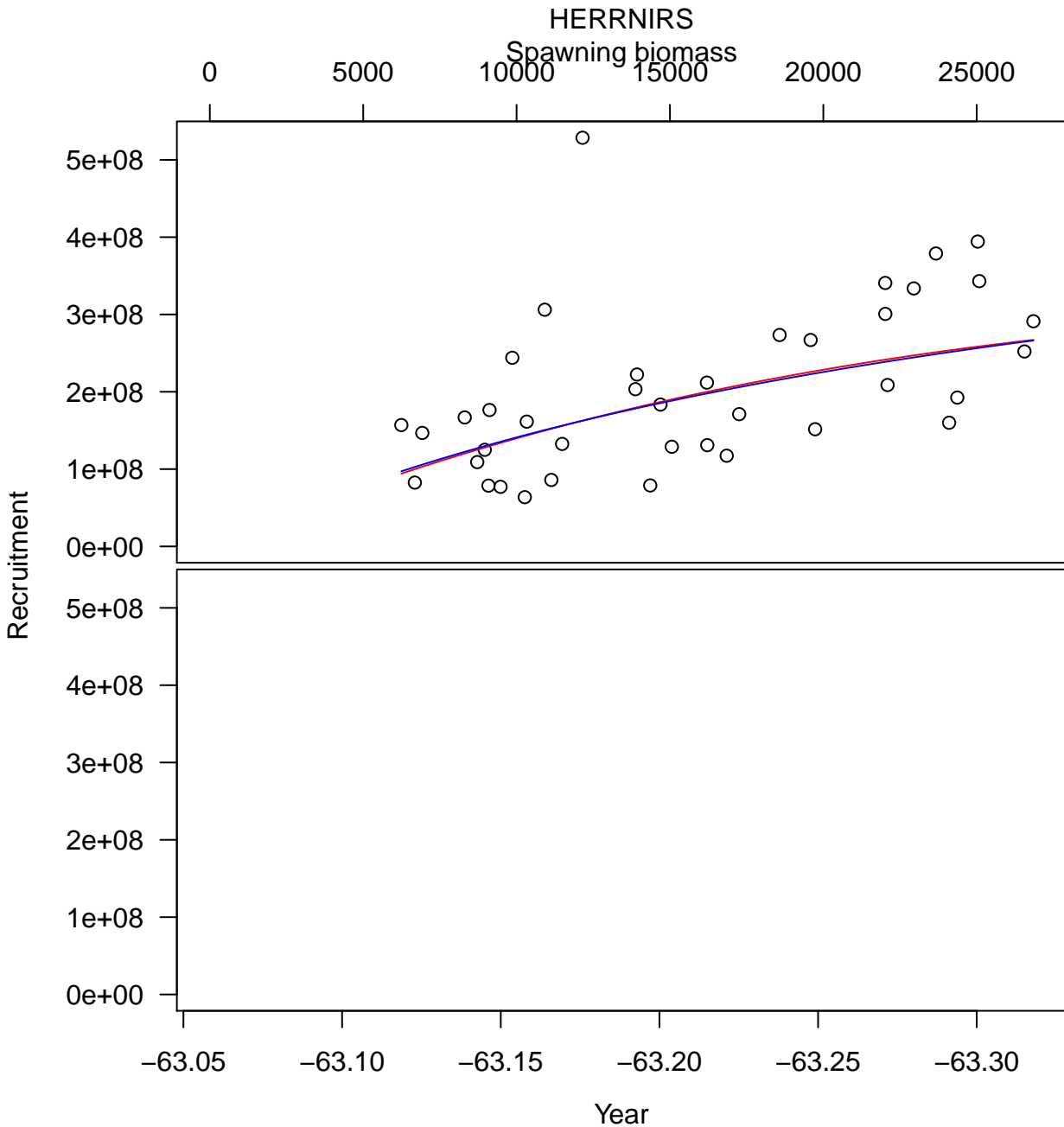


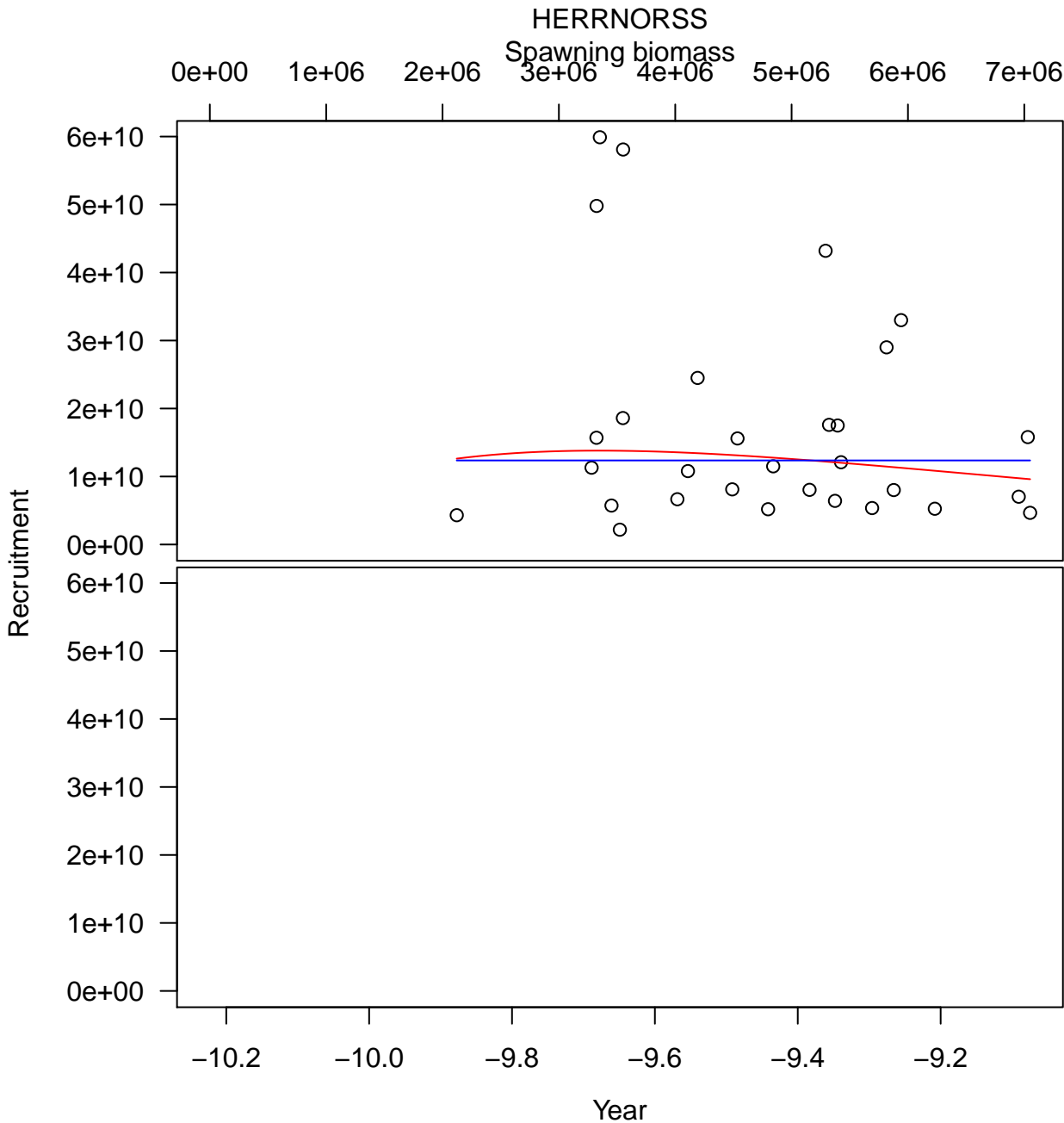






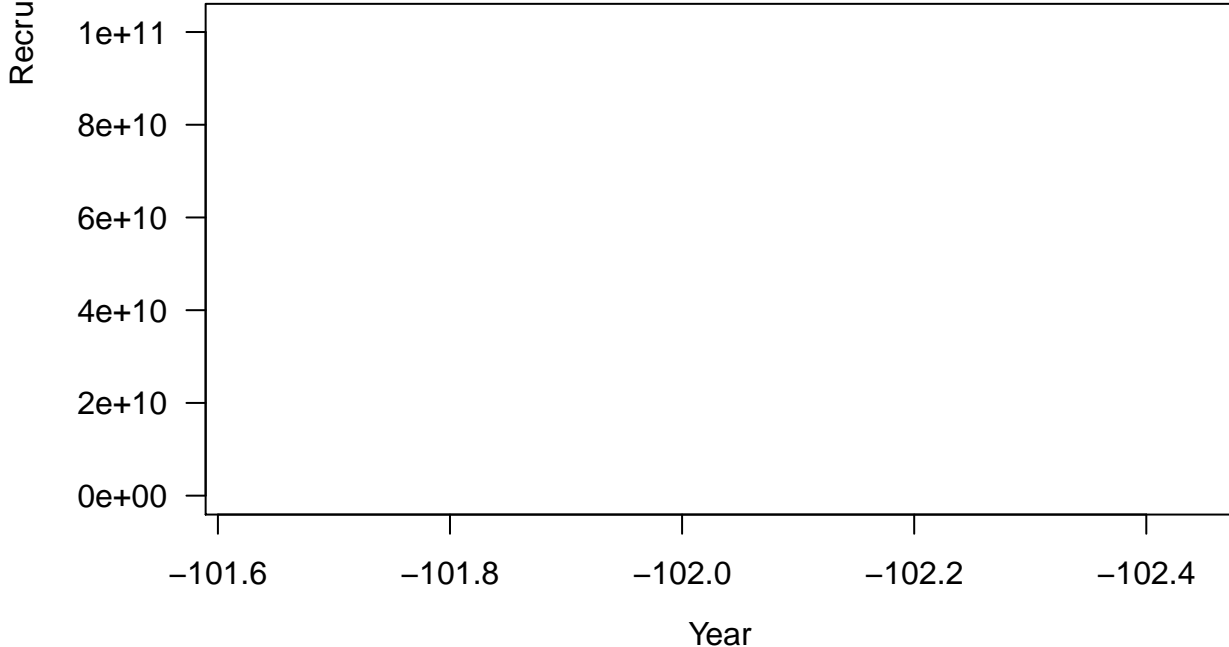
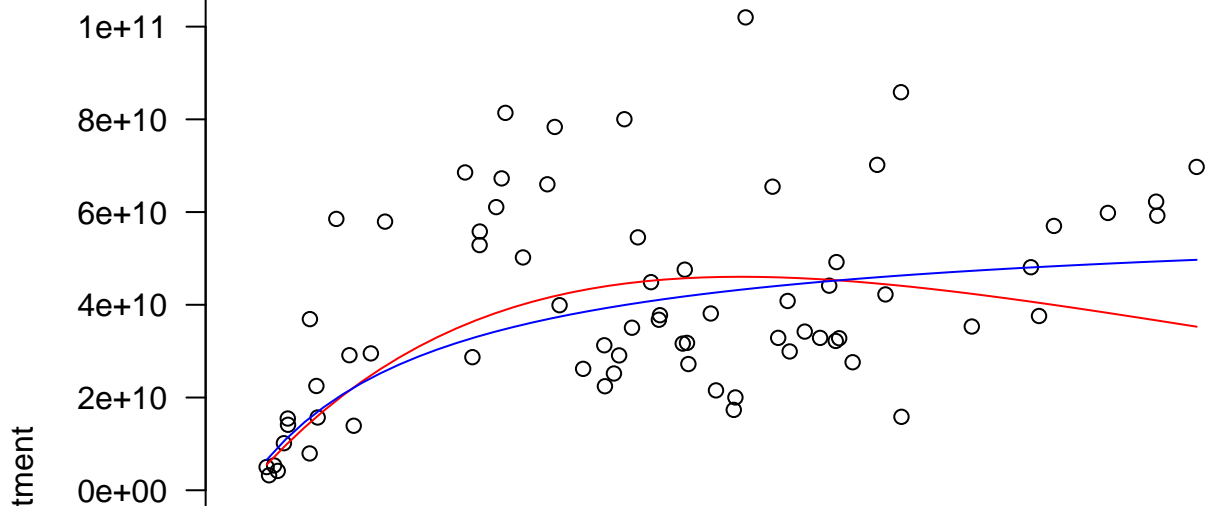


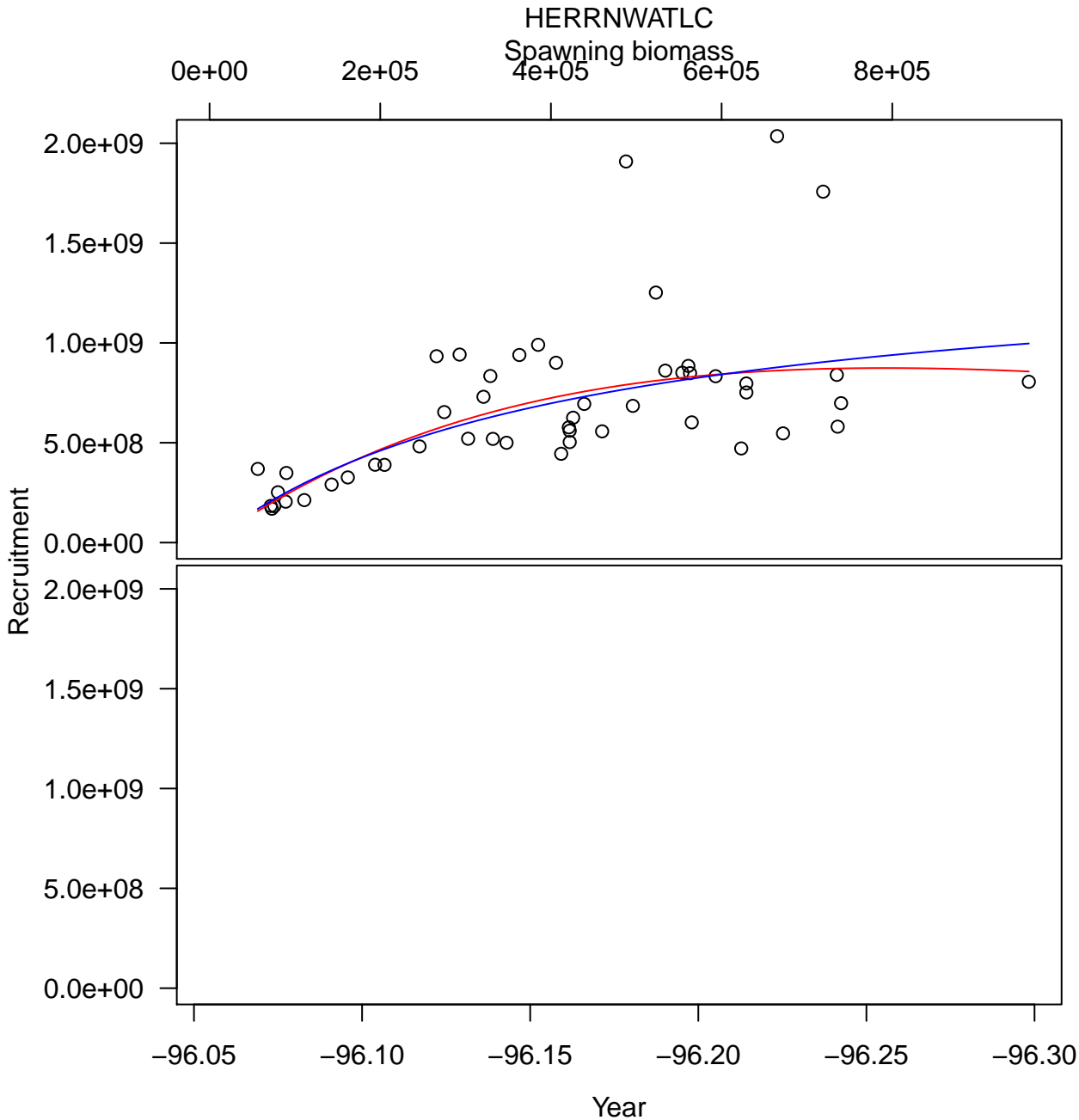


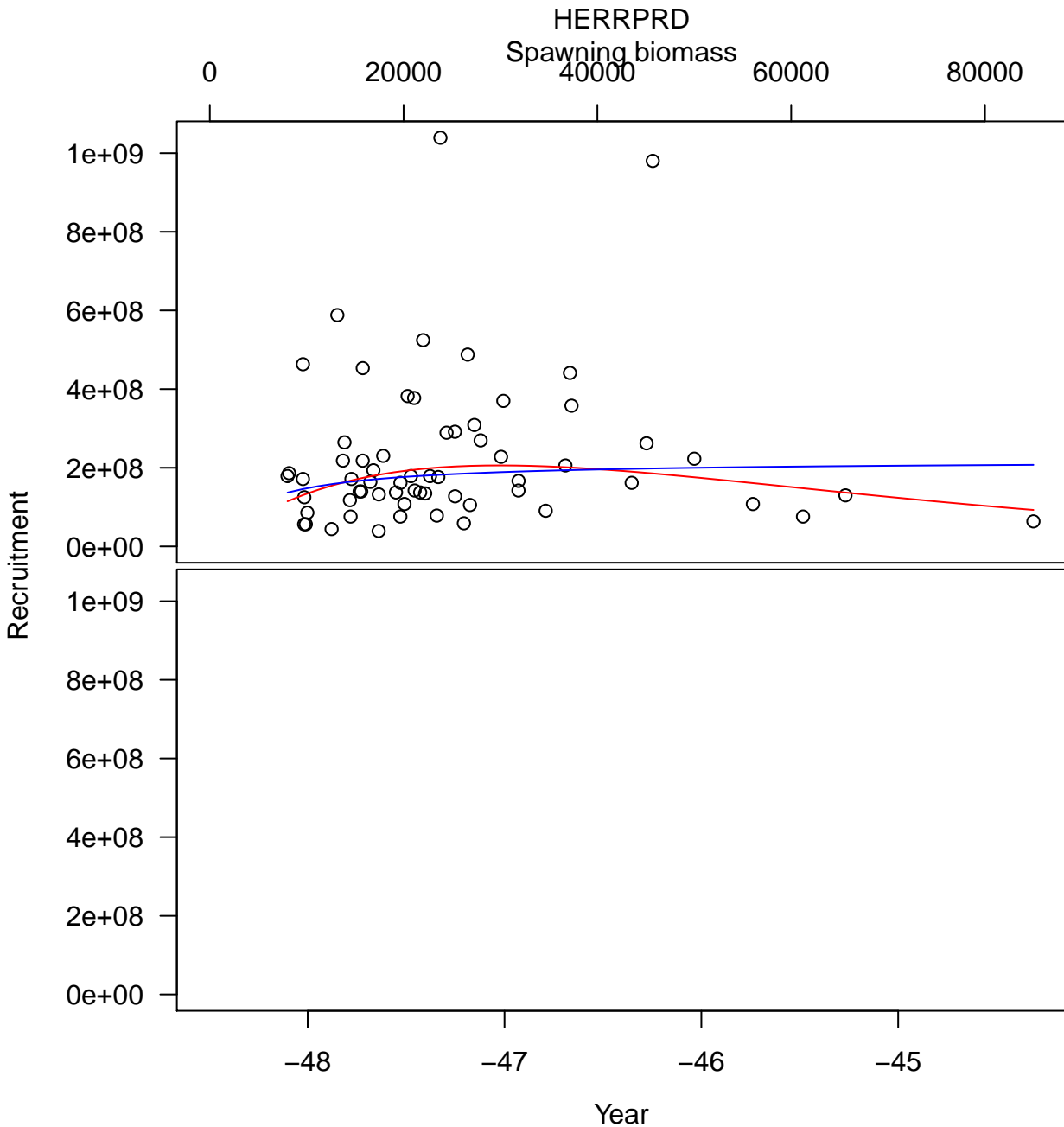


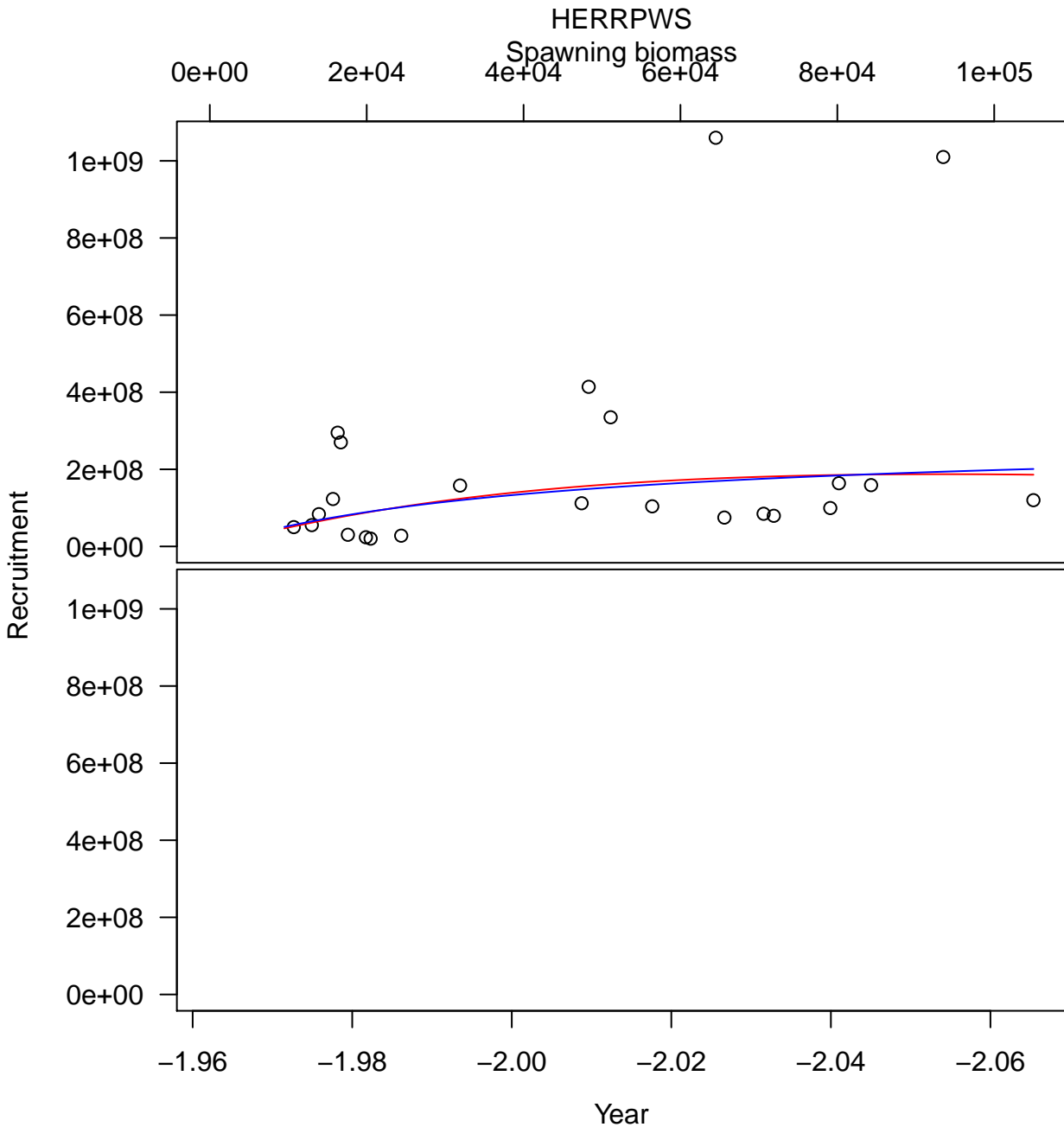
HERRNS.IIIa.VIId
Spawning biomass

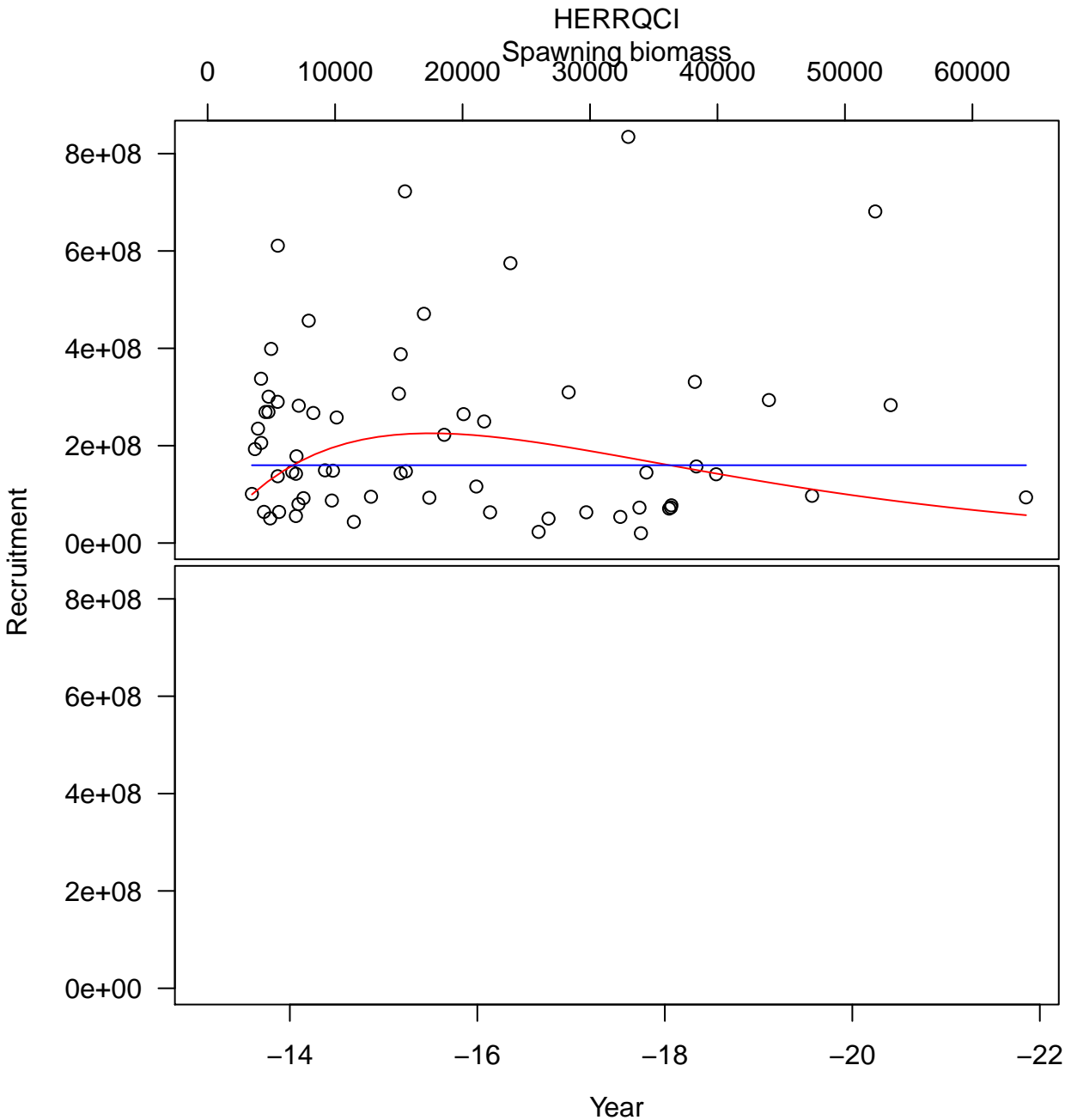
0e+00 1e+06 2e+06 3e+06 4e+06

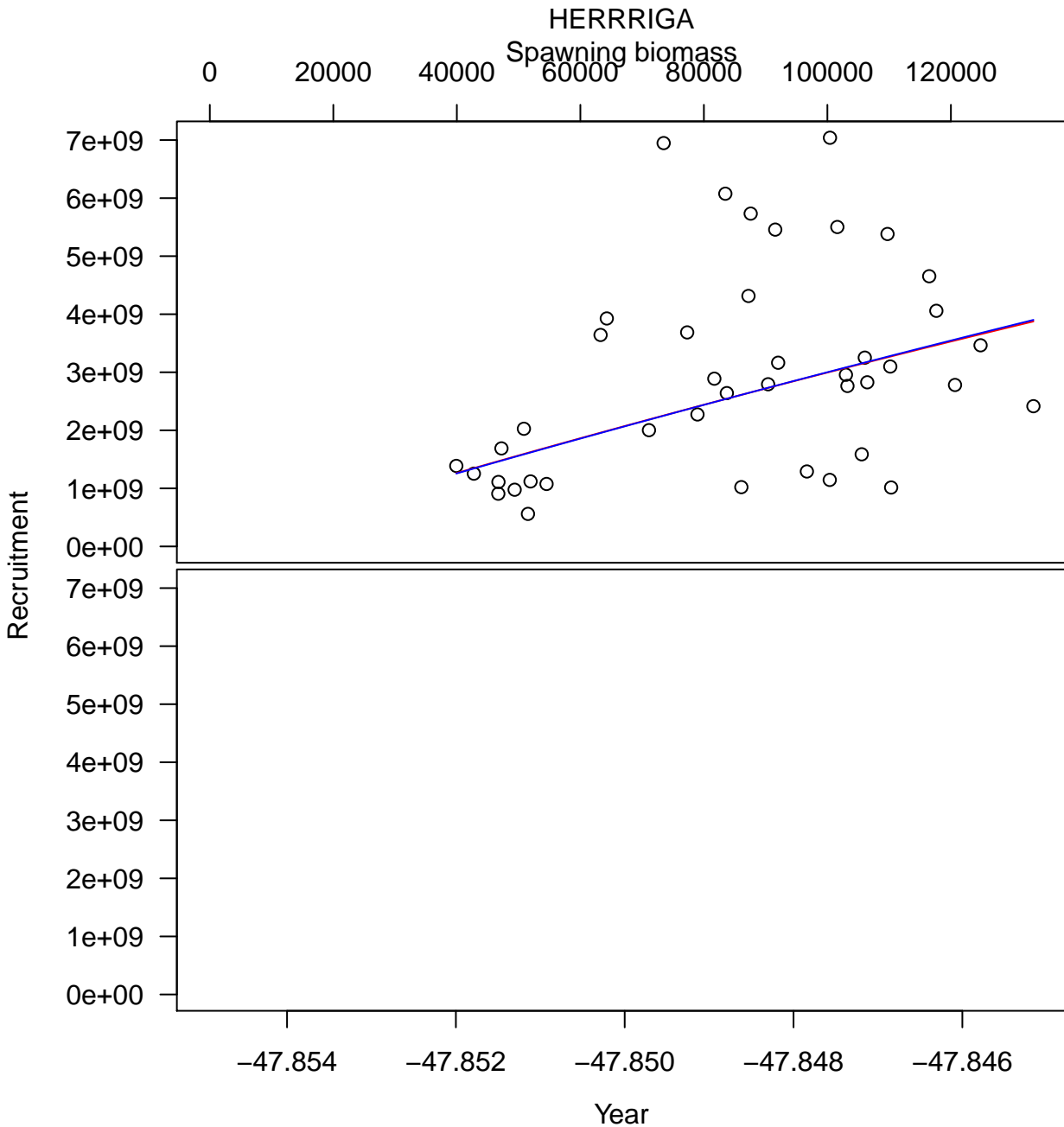


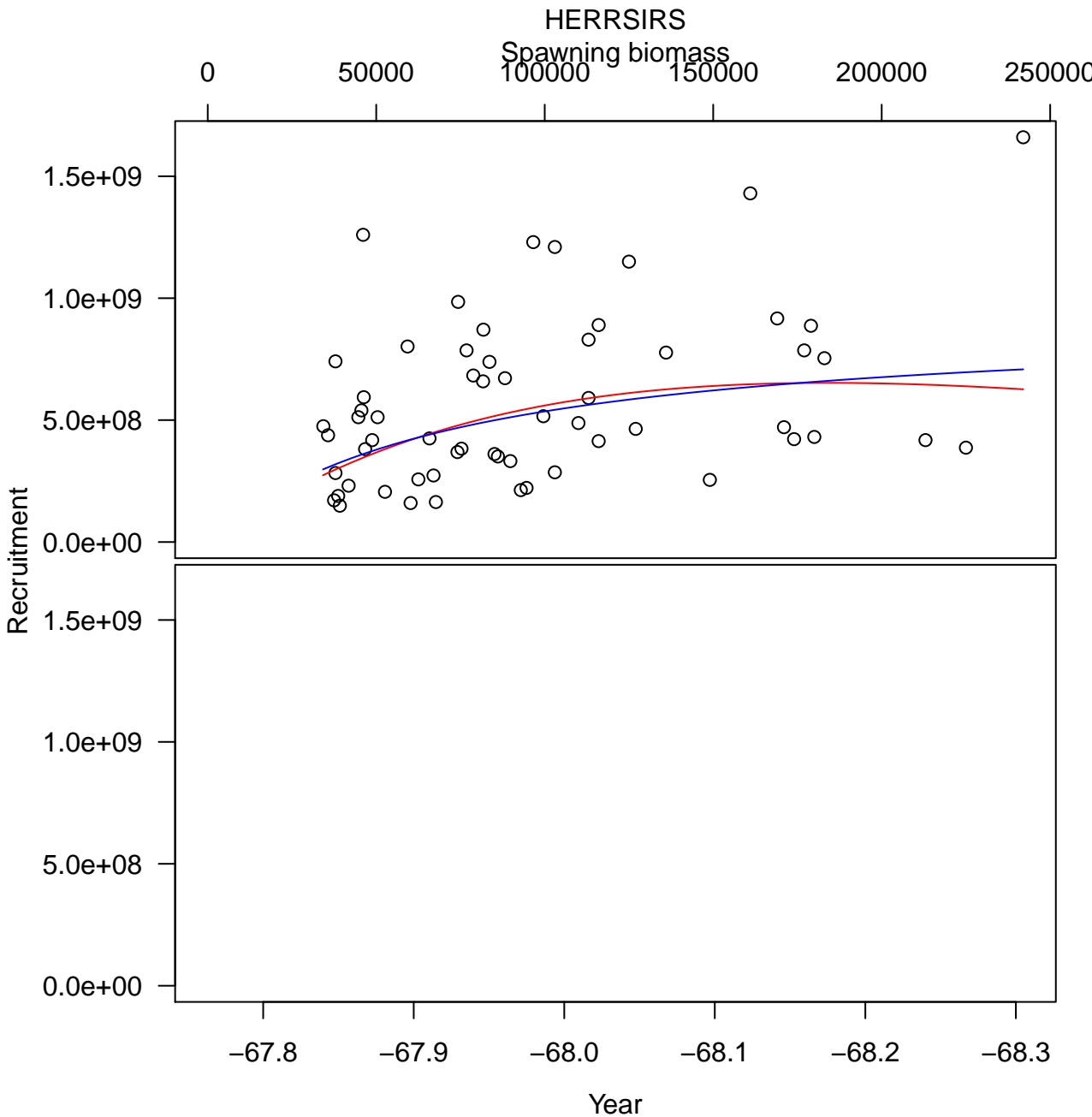


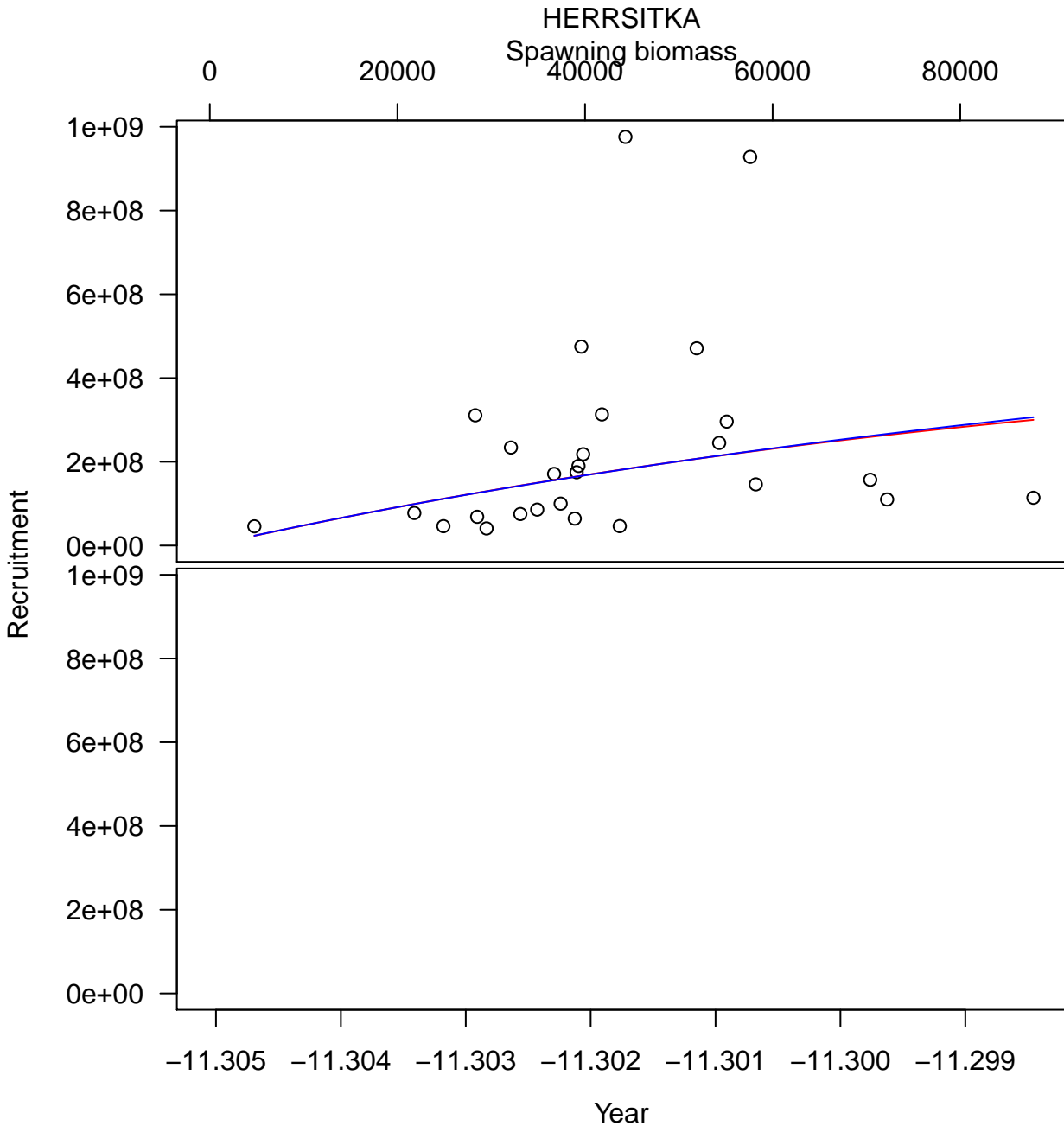


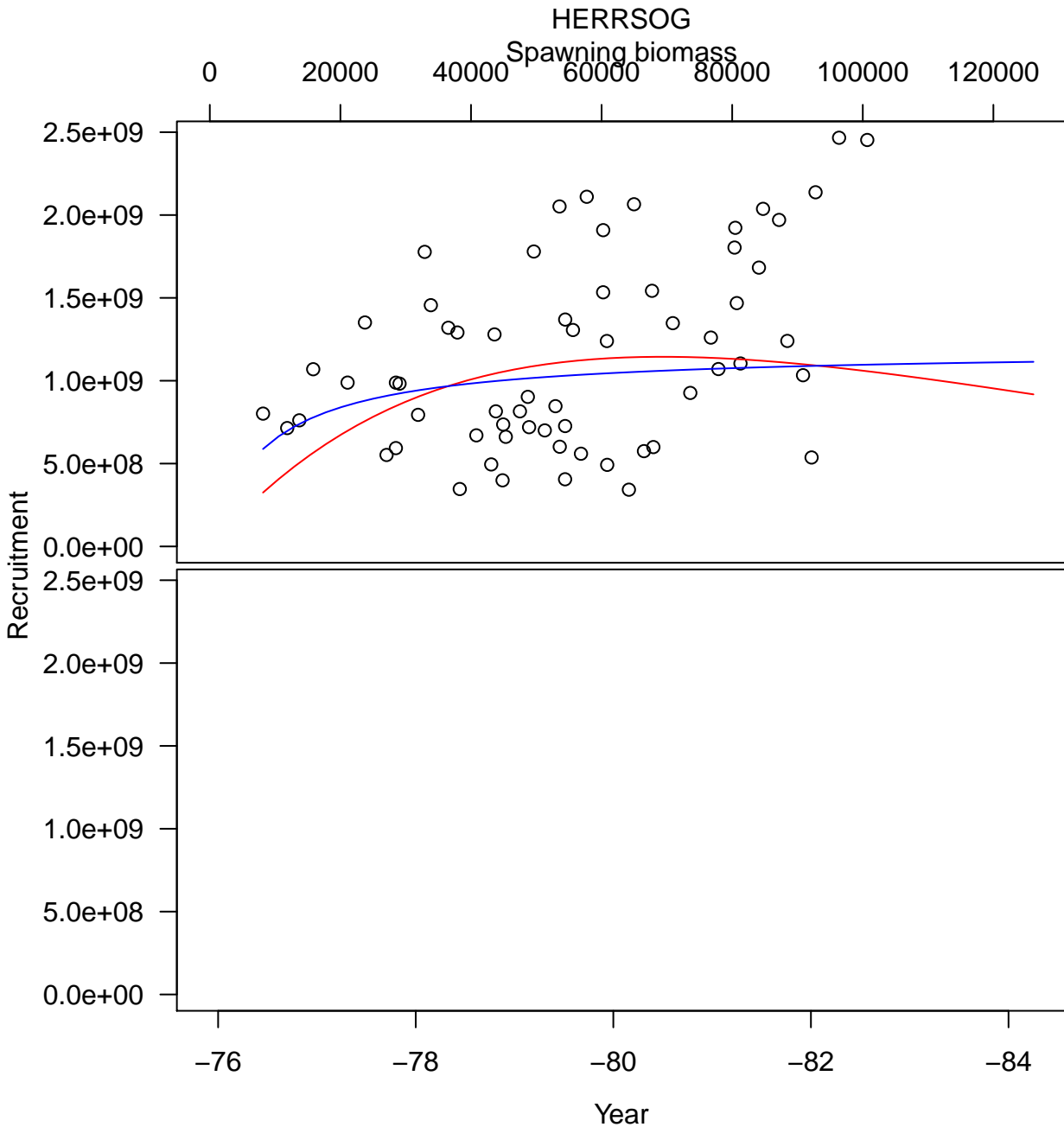


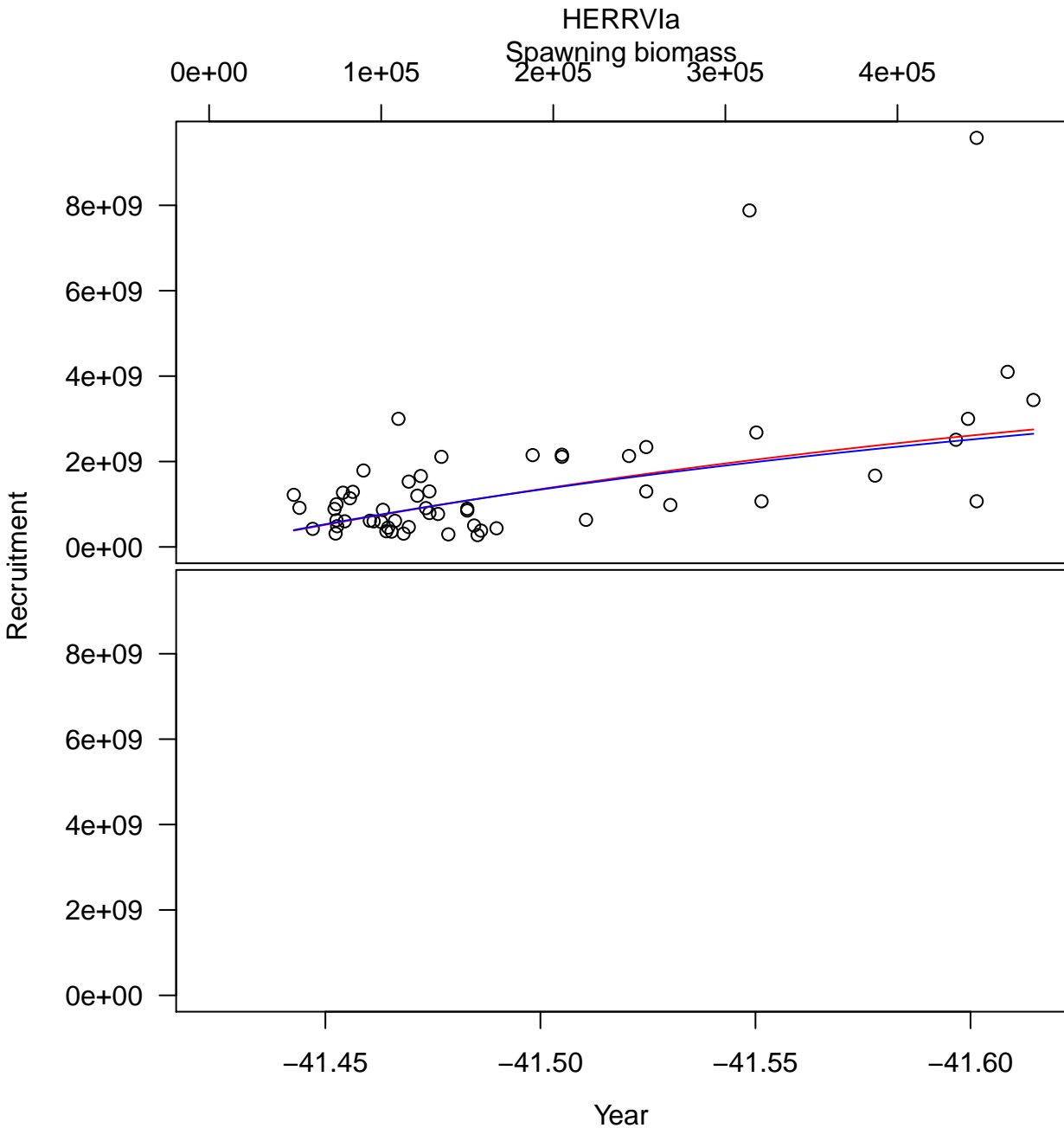


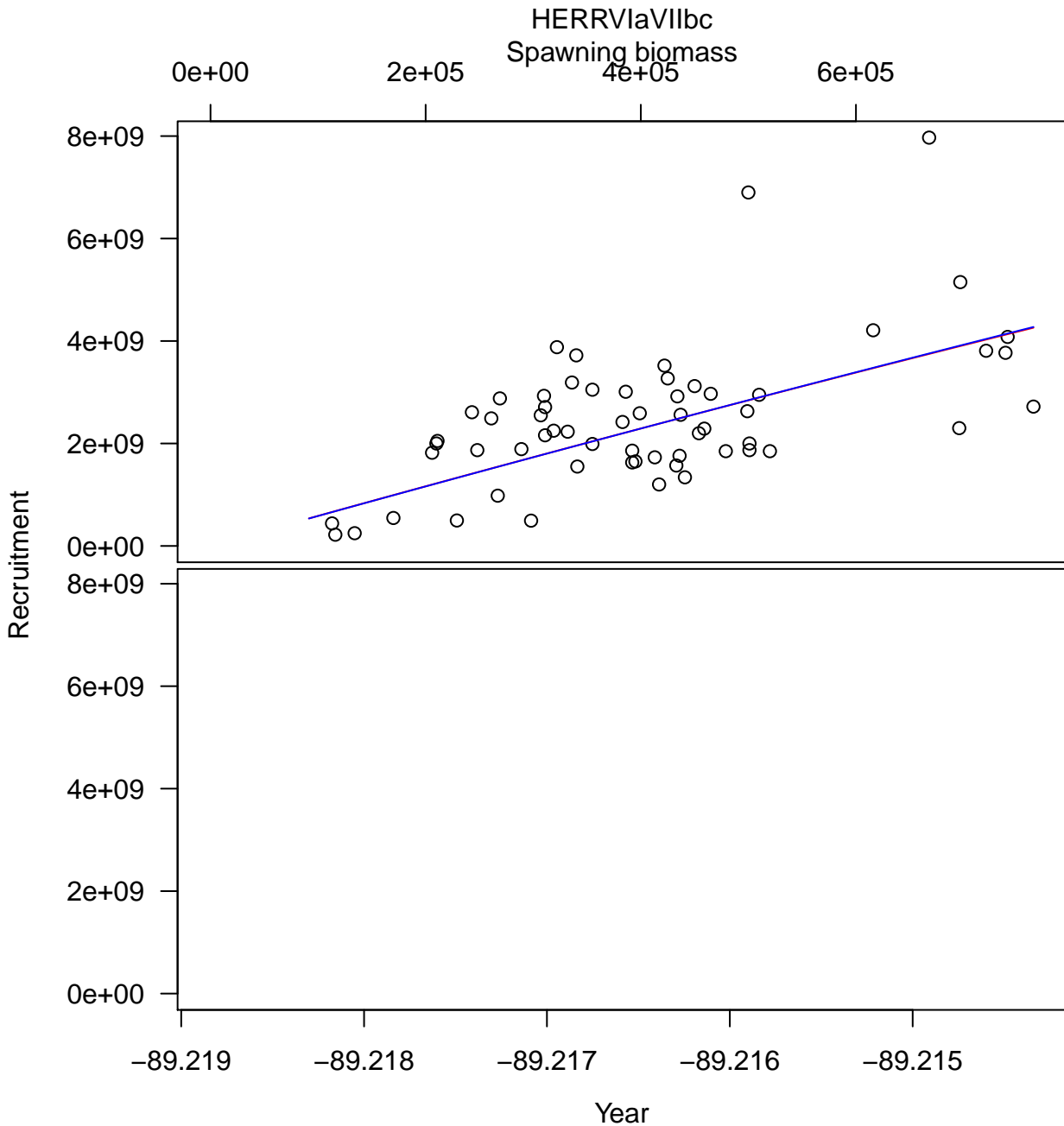


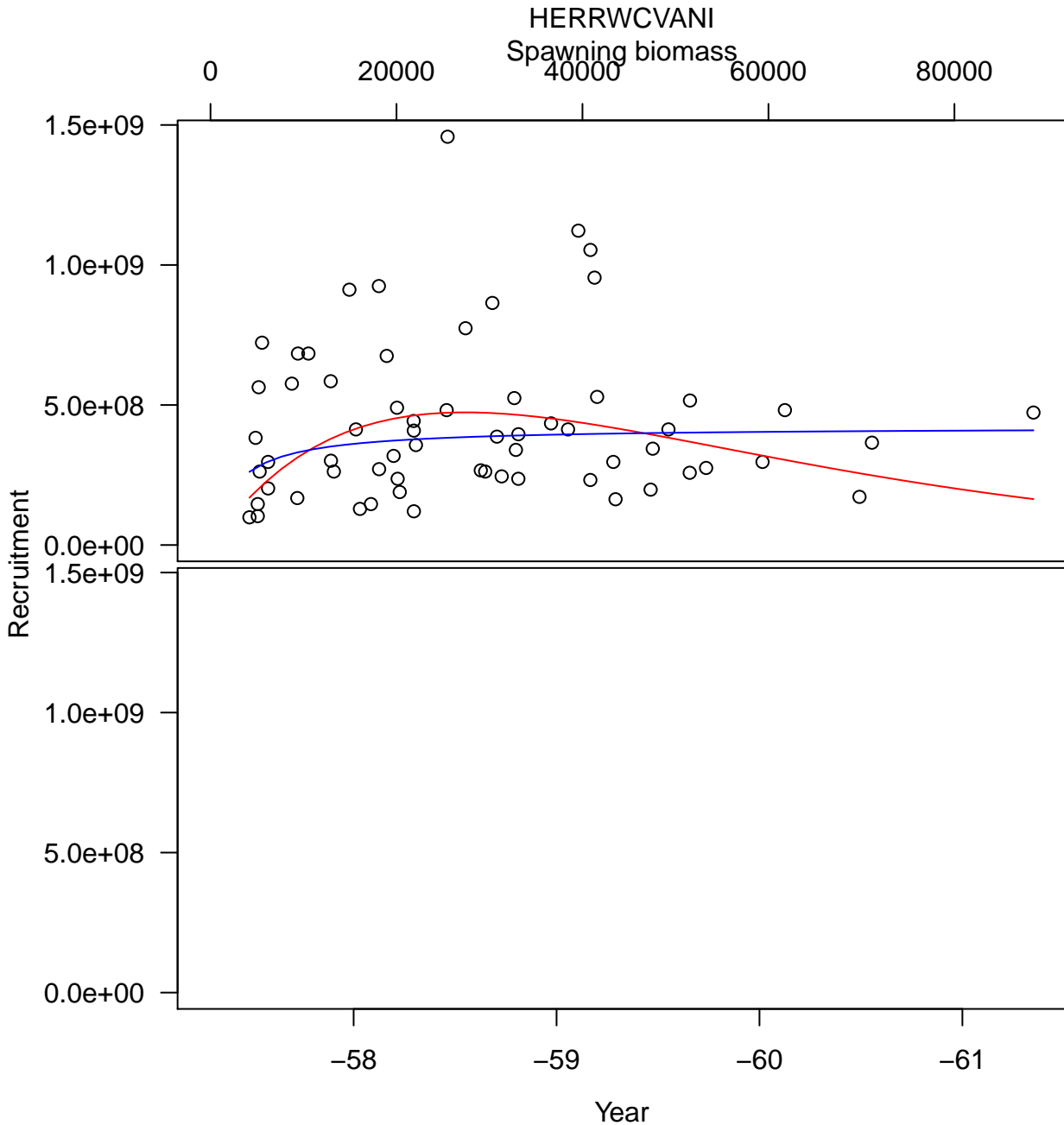












HMACKIIa.IVa.Vb.VIa.VII.VIII

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

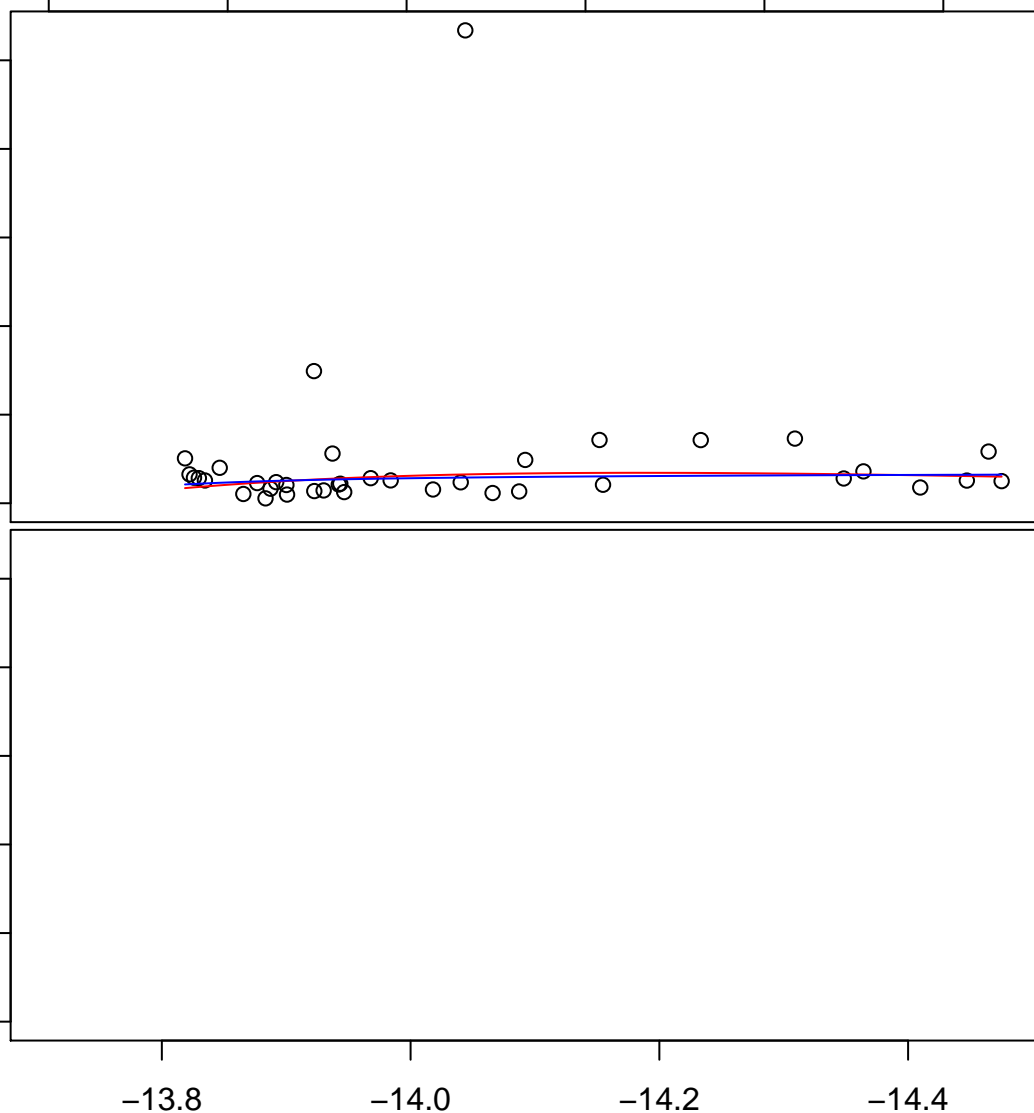
-13.8

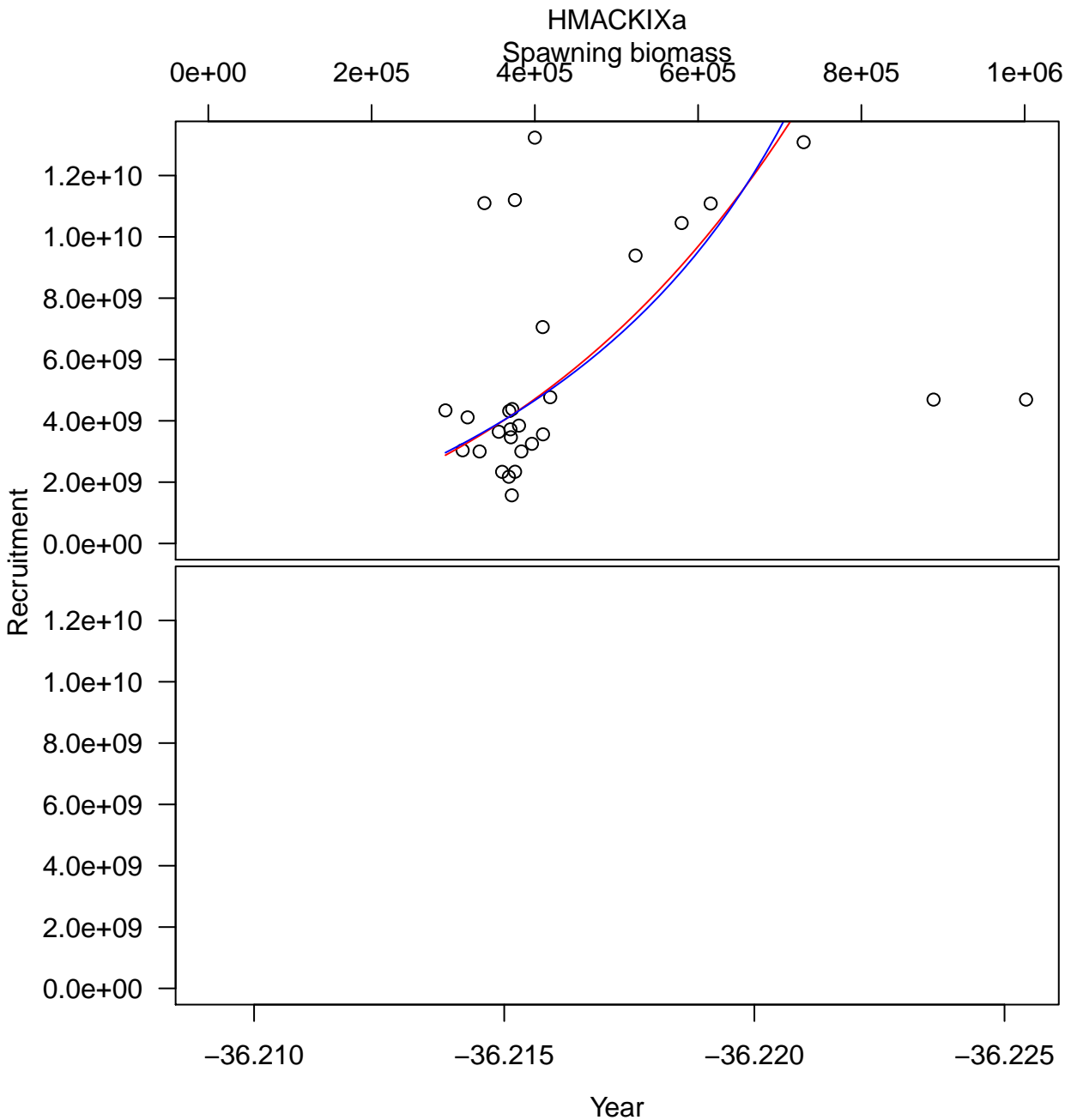
-14.0

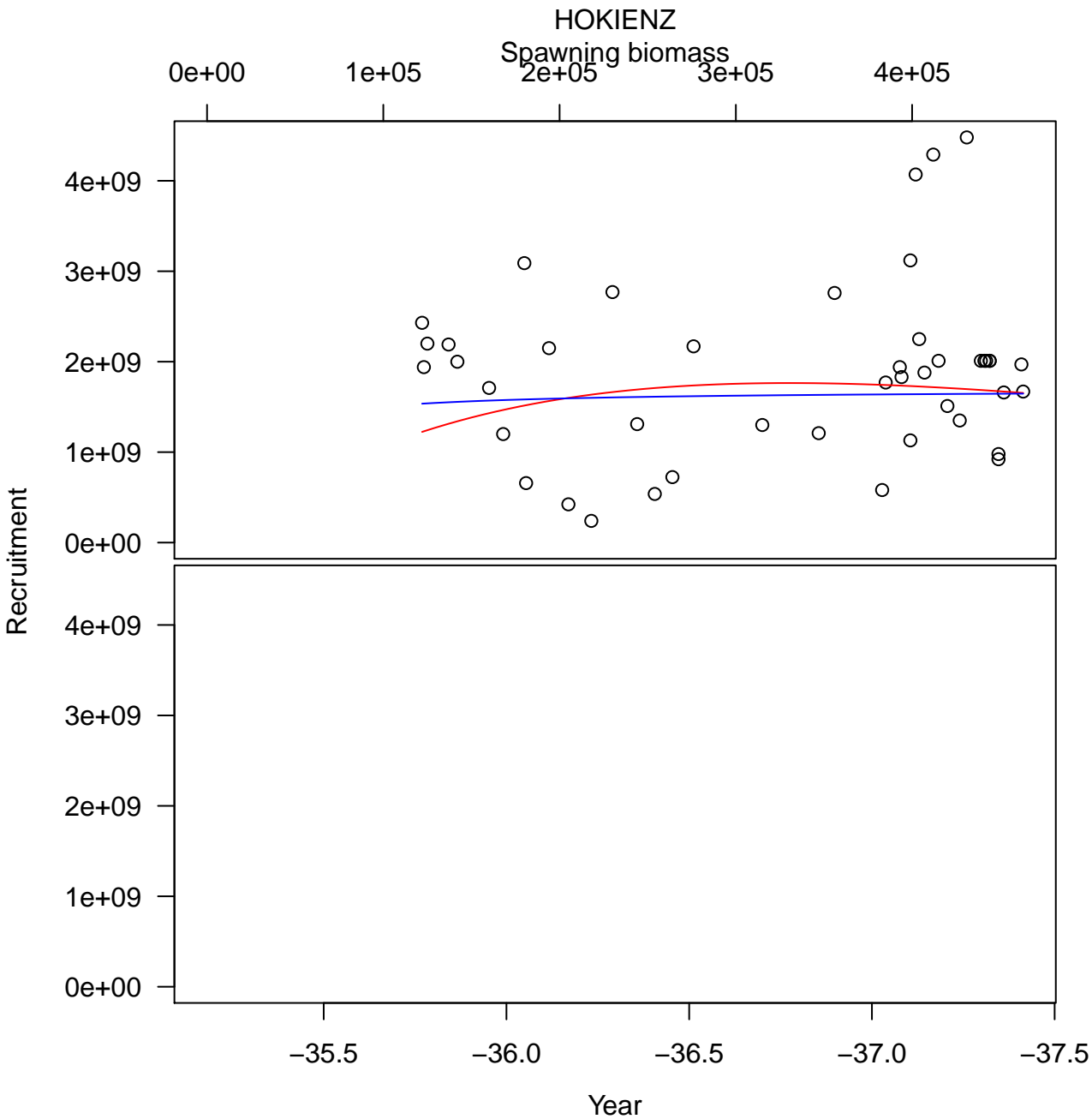
-14.2

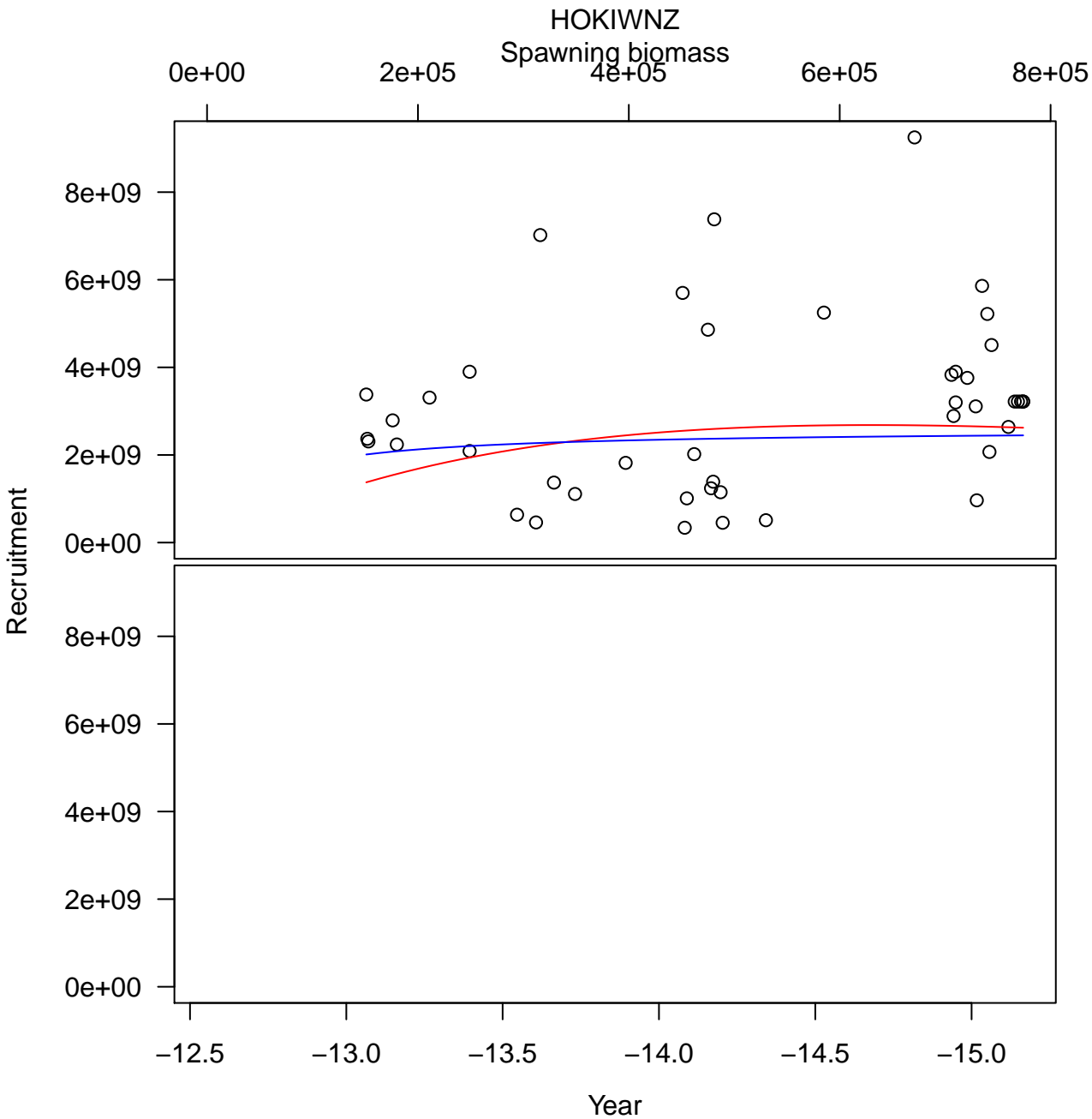
-14.4

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

-76.0

-76.5

-77.0

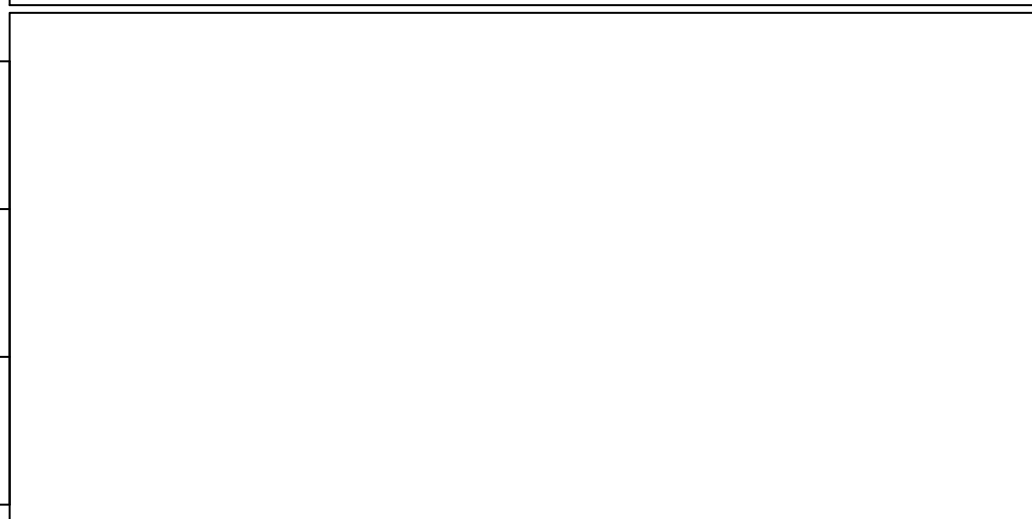
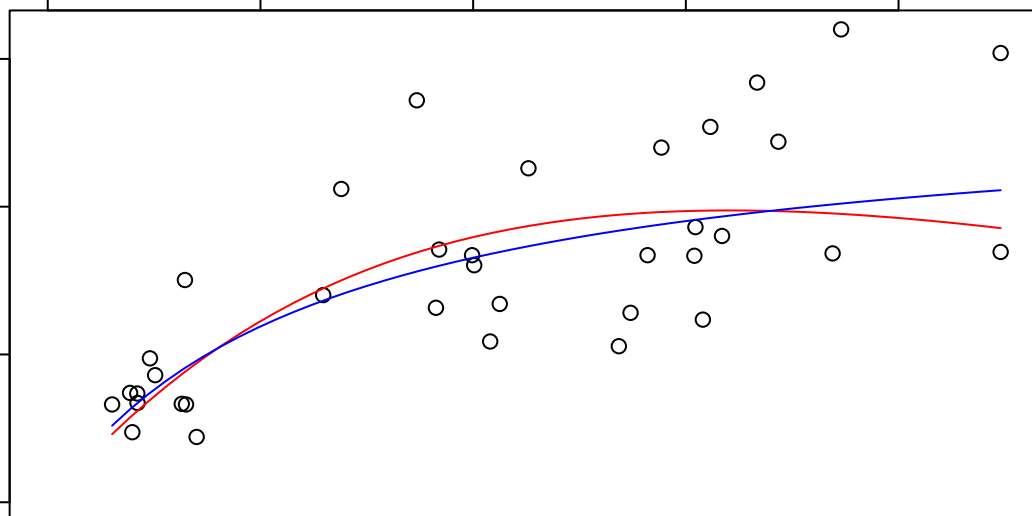
-77.5

-78.0

-78.5

-79.0

Year



JANCHOSETO

Spawning biomass

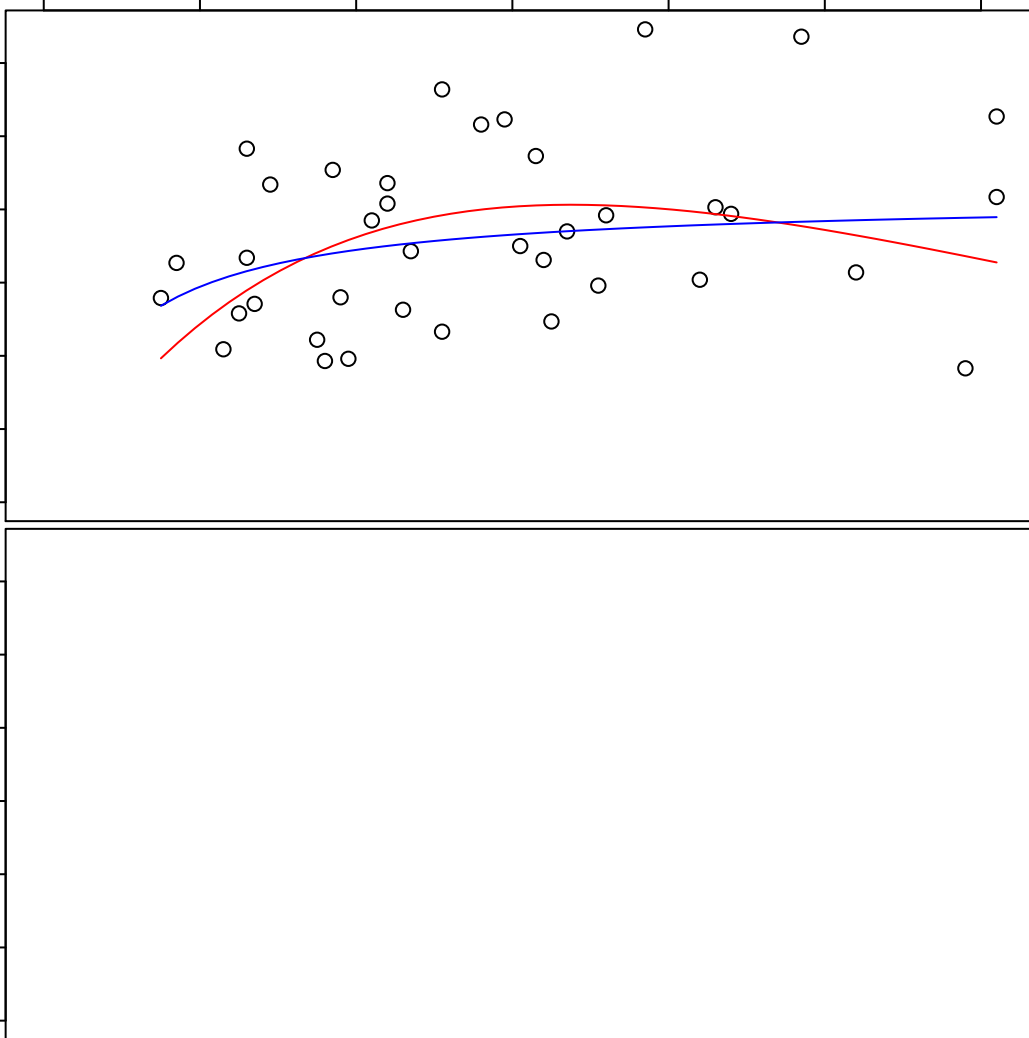
0 20000 40000 60000 80000 100000 120000

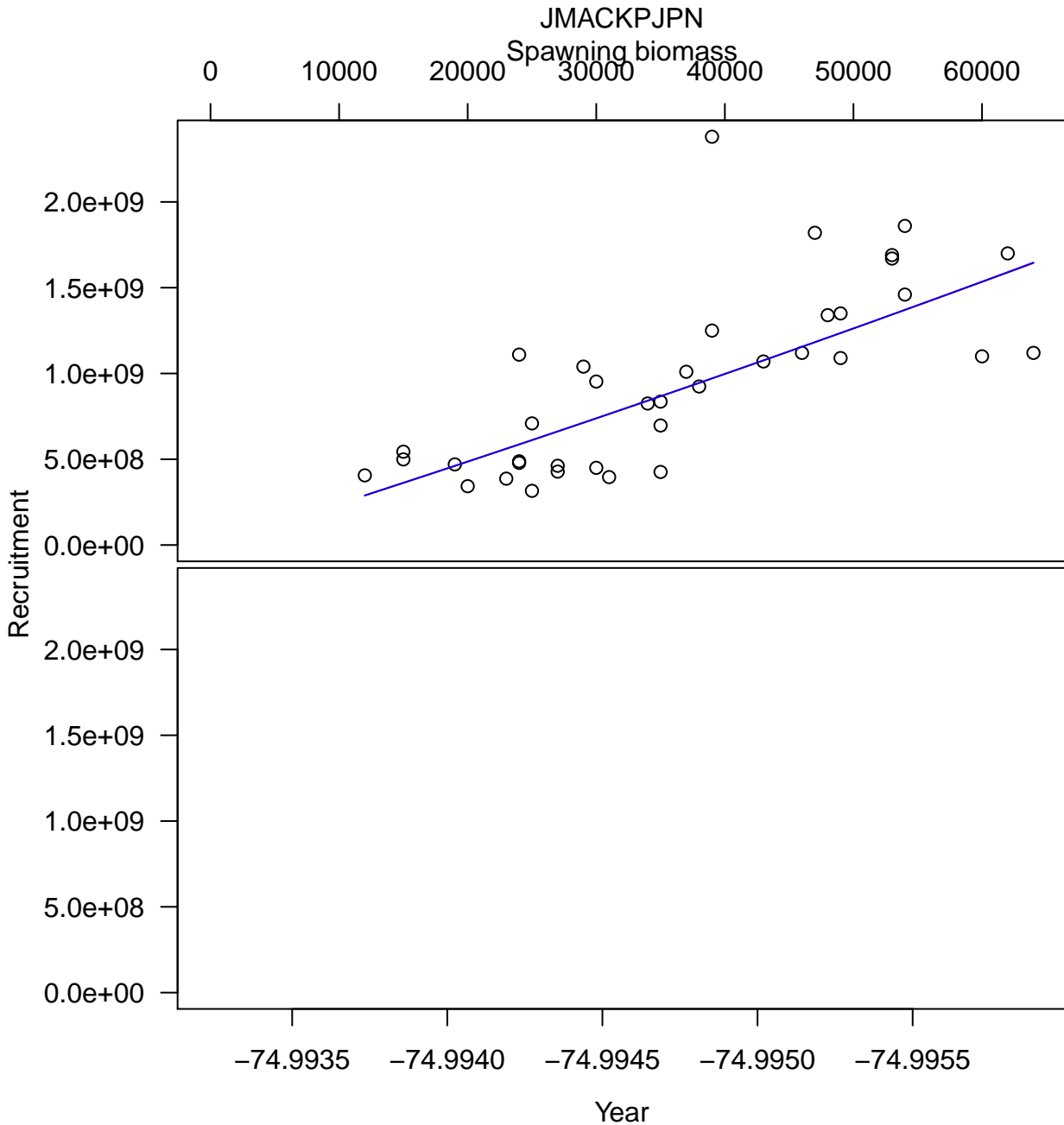
Recruitment

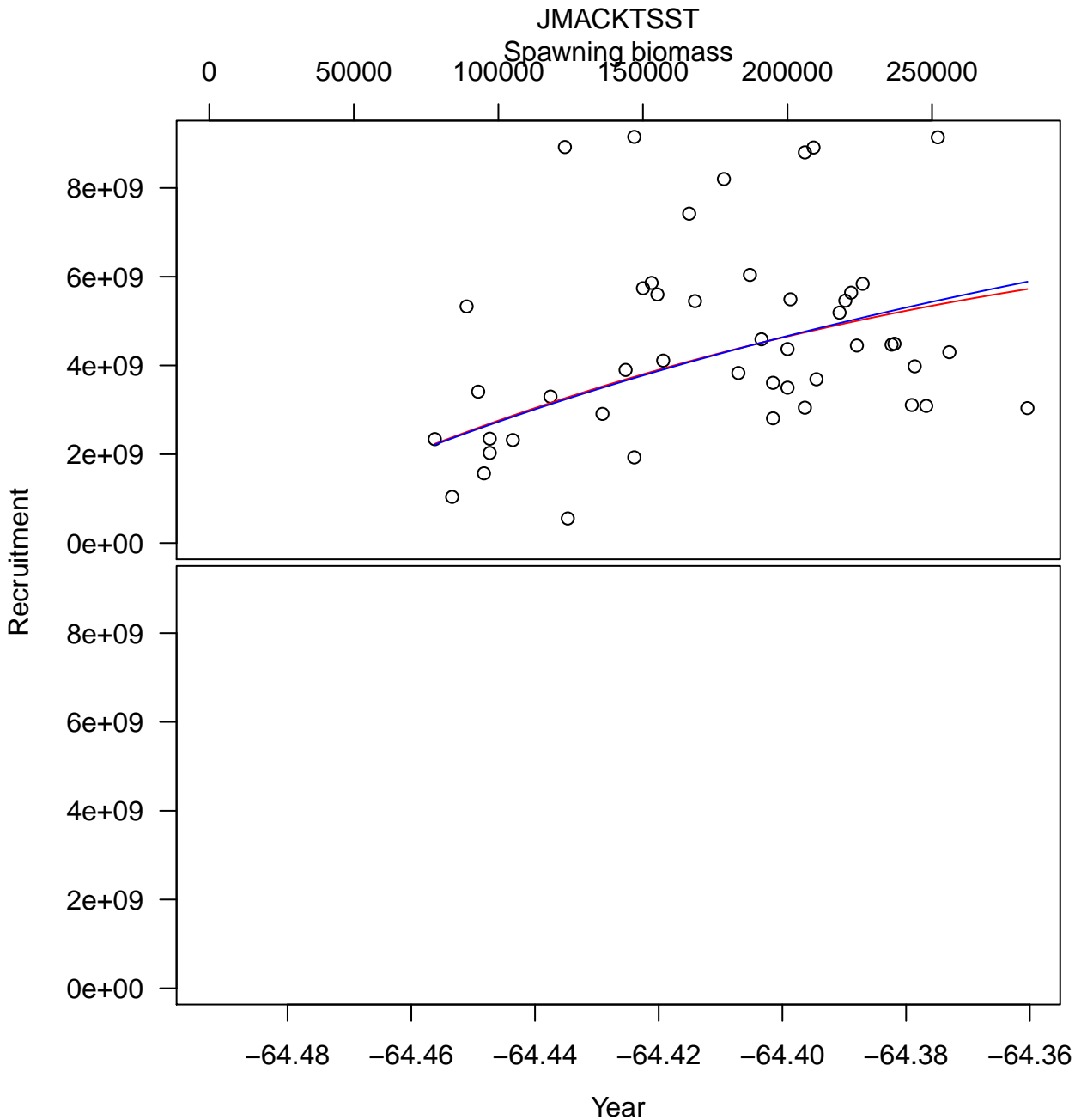
6e+11
5e+11
4e+11
3e+11
2e+11
1e+11
0e+00
6e+11
5e+11
4e+11
3e+11
2e+11
1e+11
0e+00

-82.5 -83.0 -83.5 -84.0 -84.5

Year







JPUFFIMKB
Spawning biomass

0 50 100 150

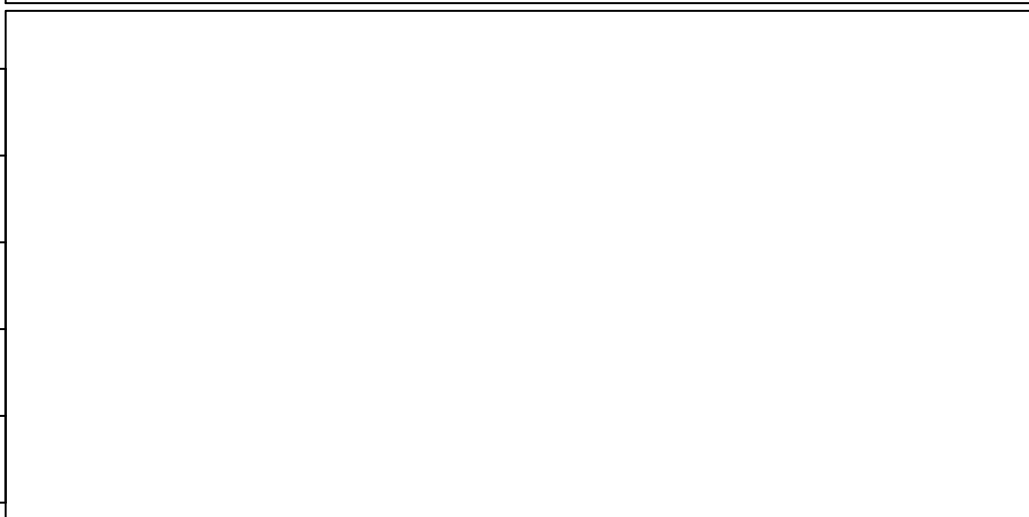
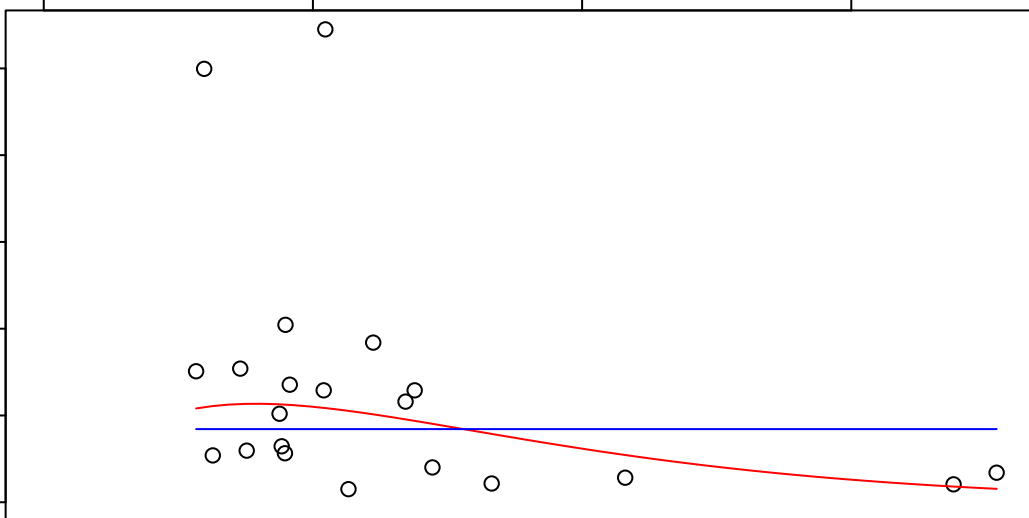
Recruitment

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

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

Year

-5 -4 -3 -2 -1 0



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

-51

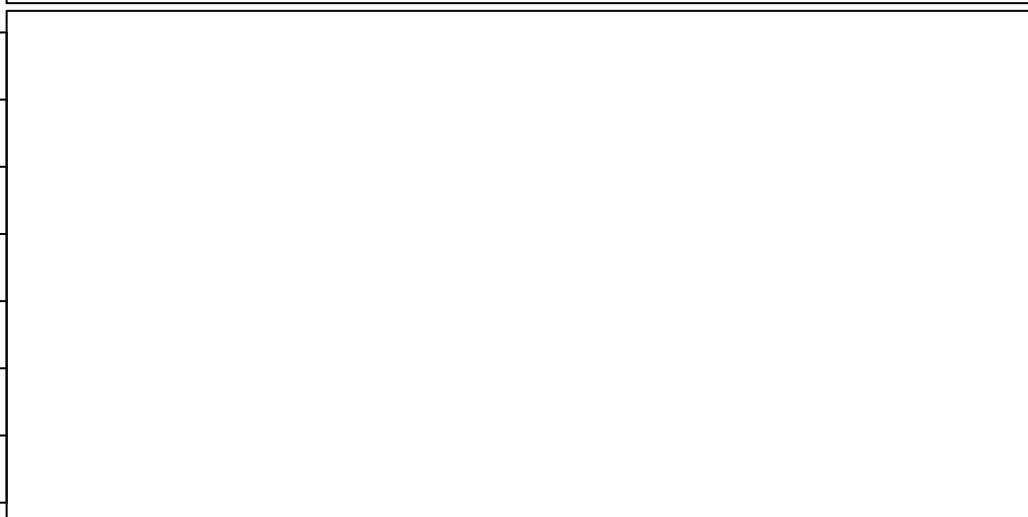
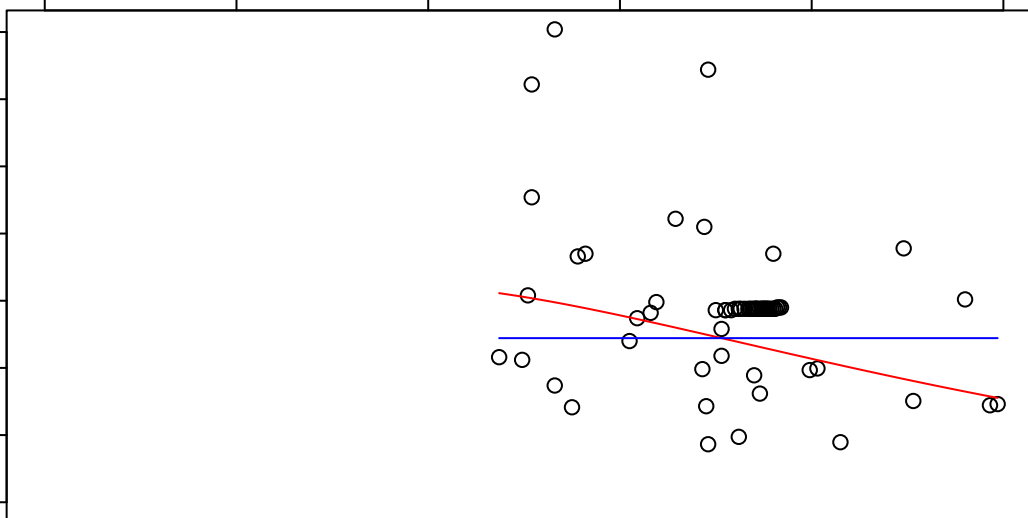
-50

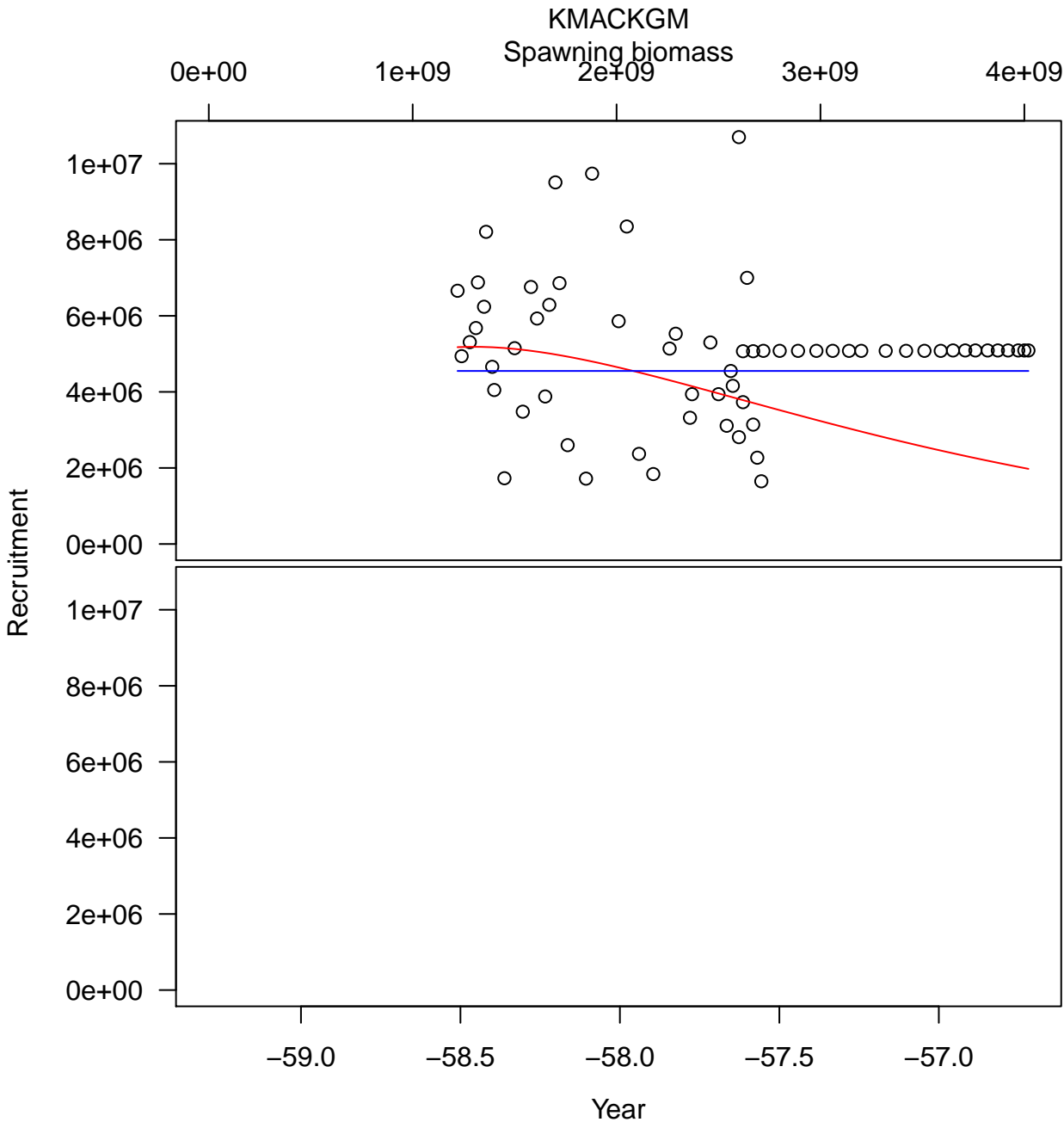
-49

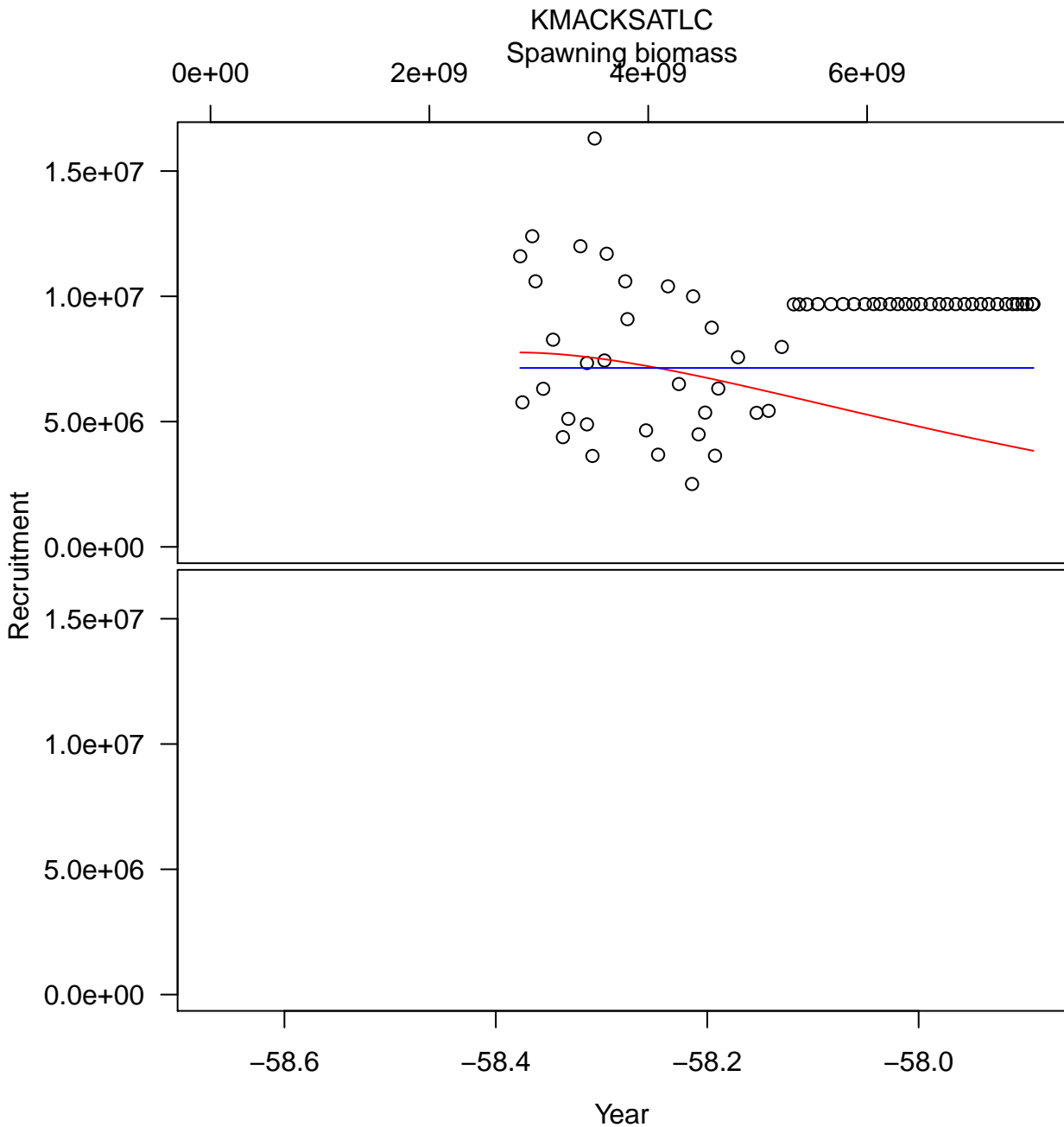
-48

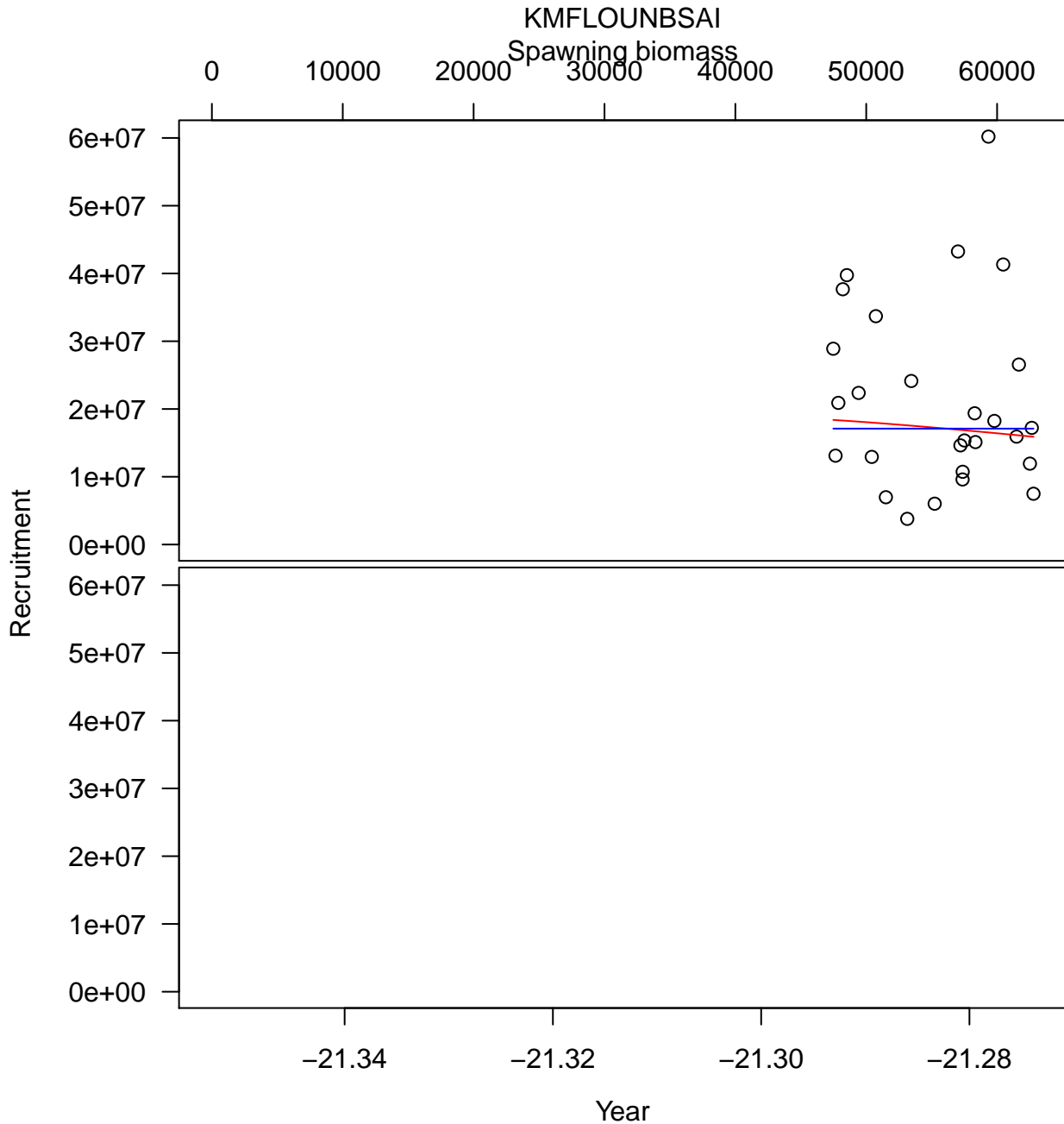
-47

Year









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

-88.9

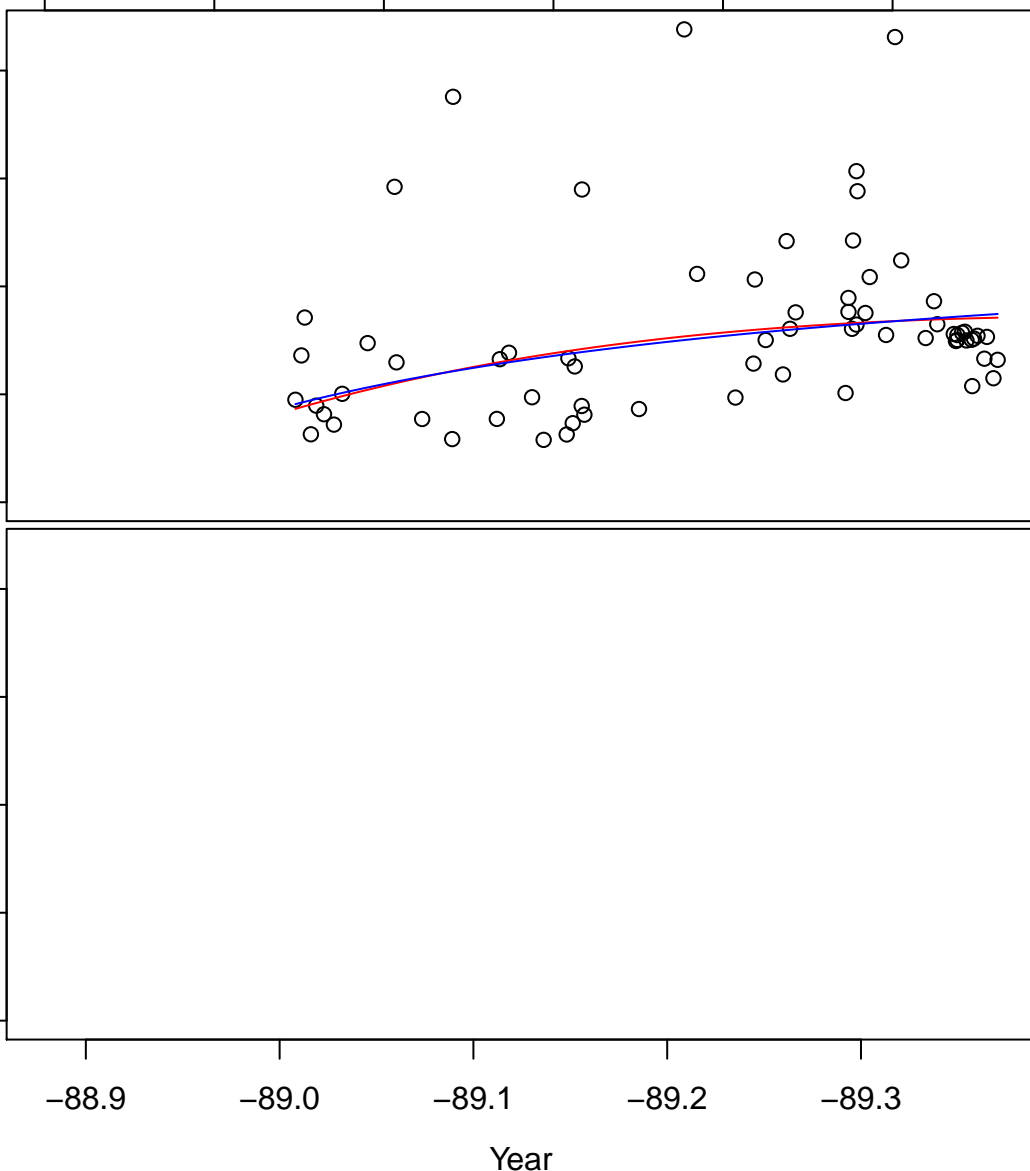
-89.0

-89.1

-89.2

-89.3

Year



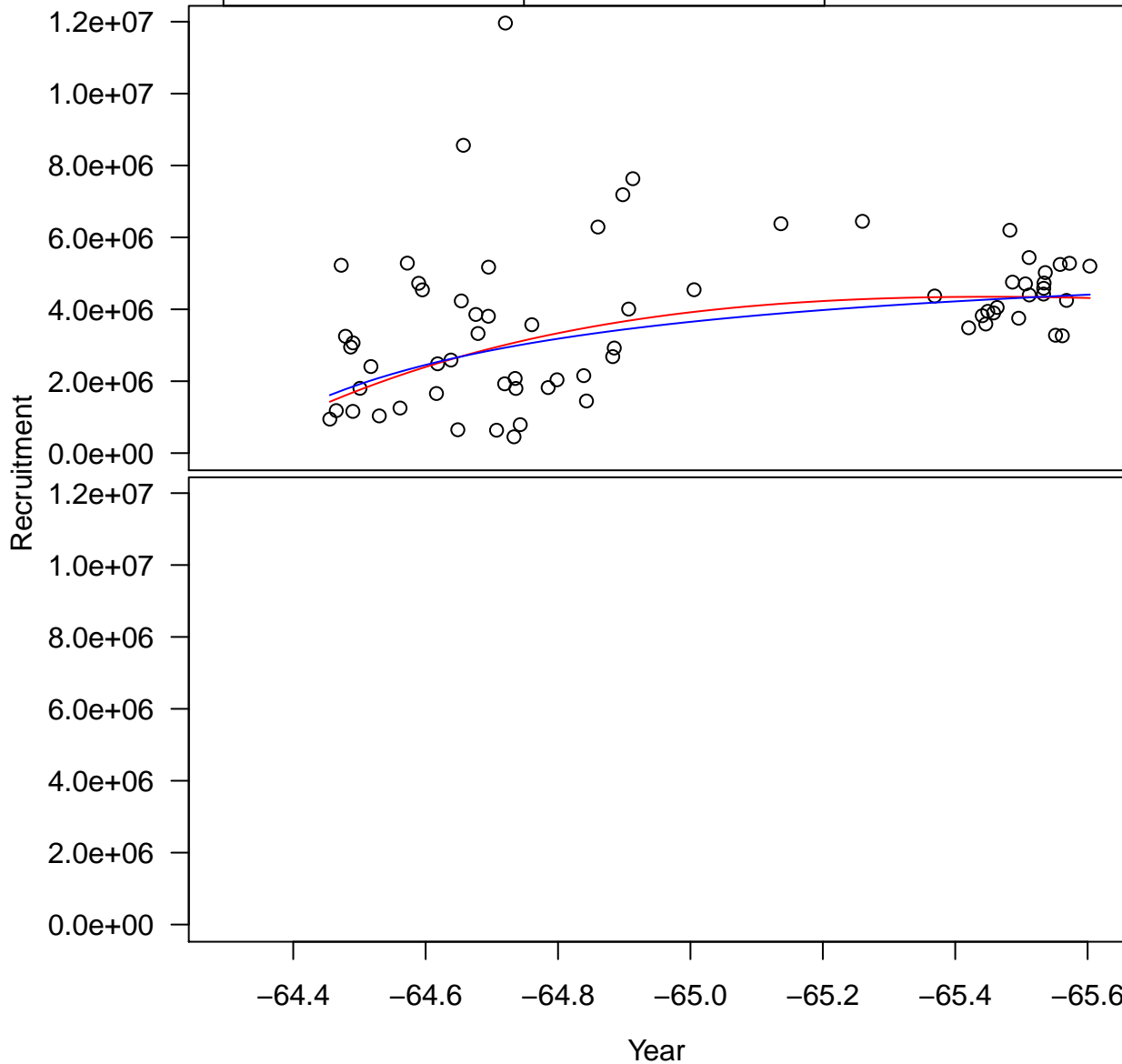
LINGCODSPCOAST

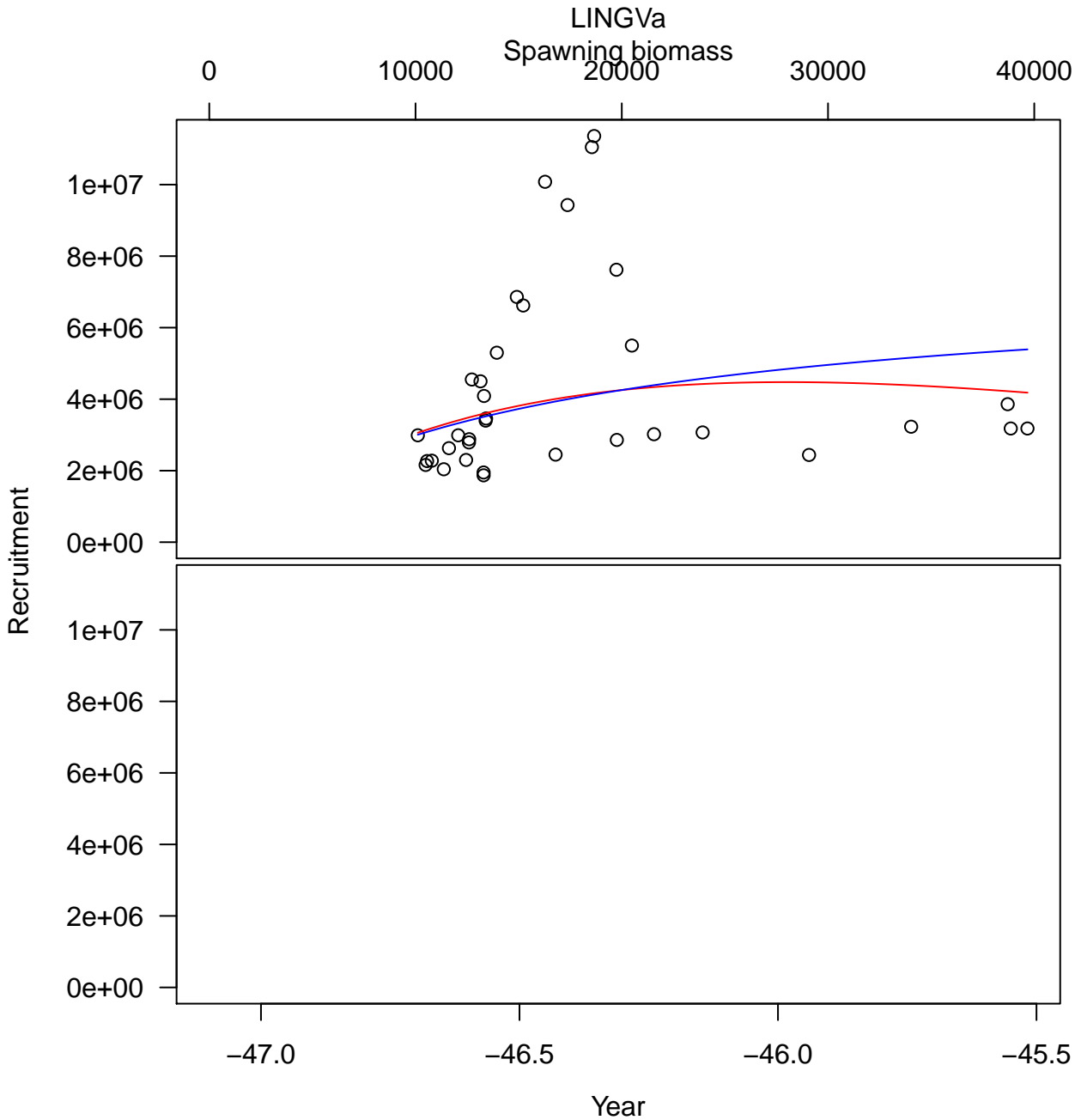
Spawning biomass

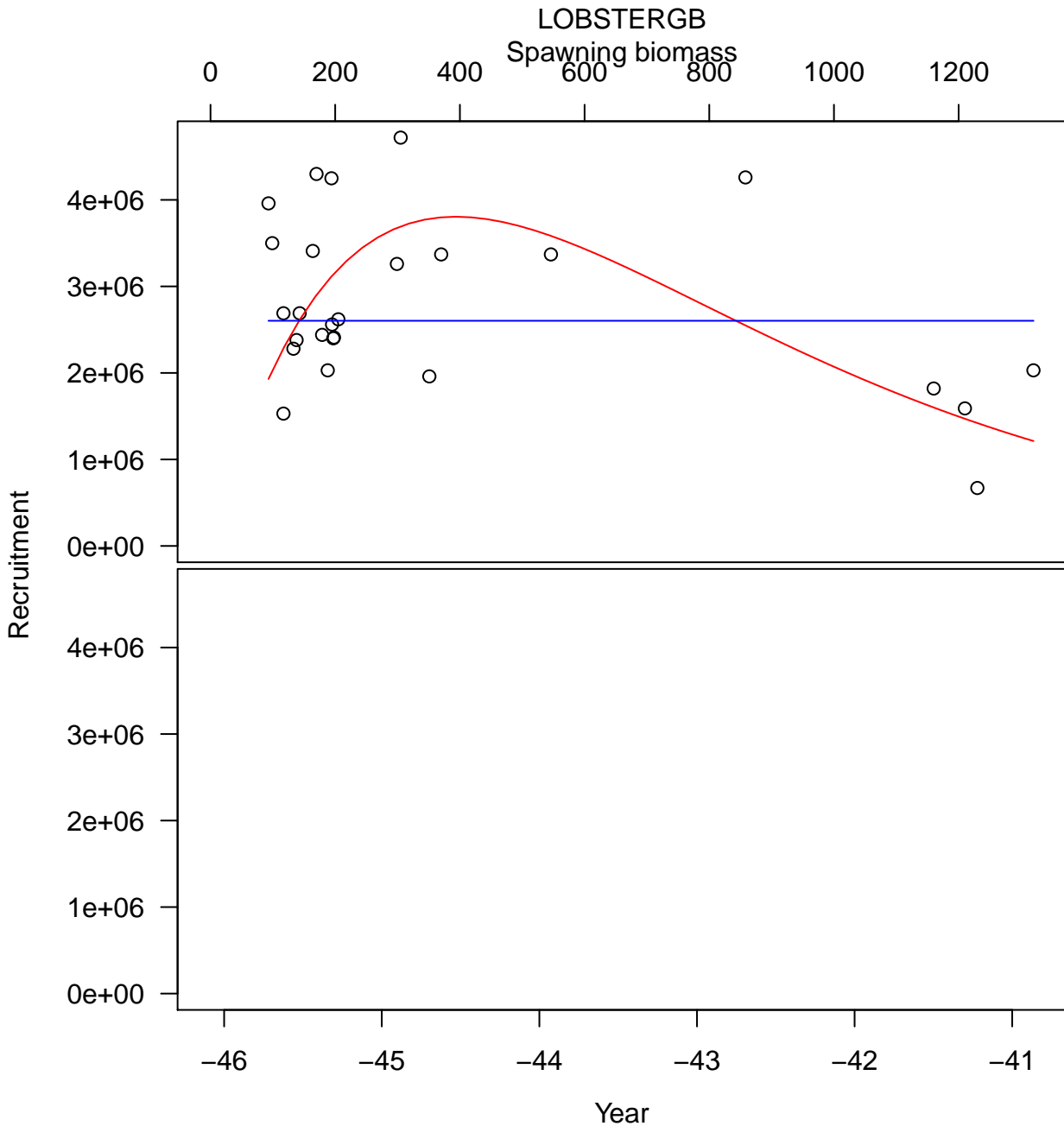
0

5000

10000



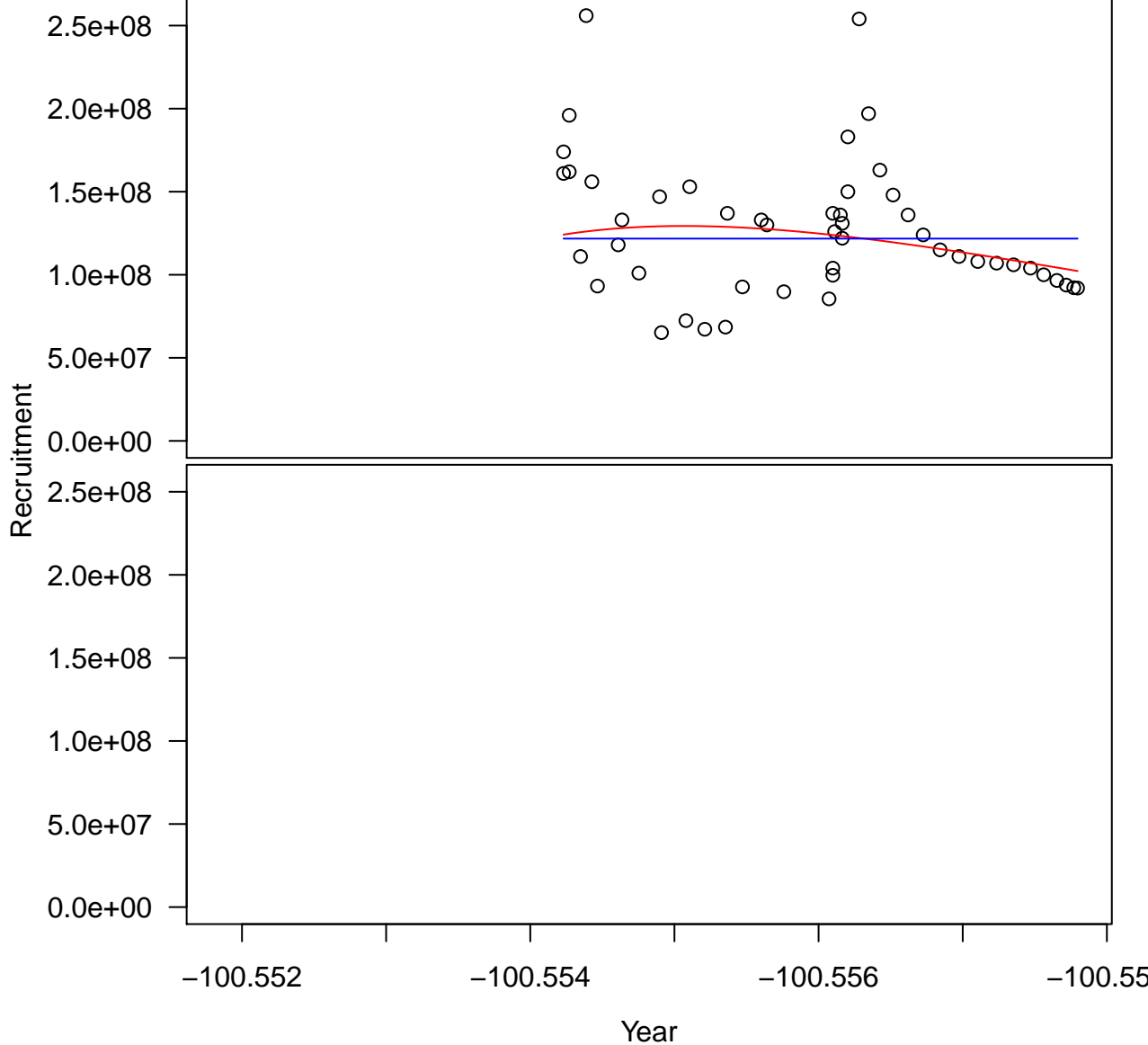


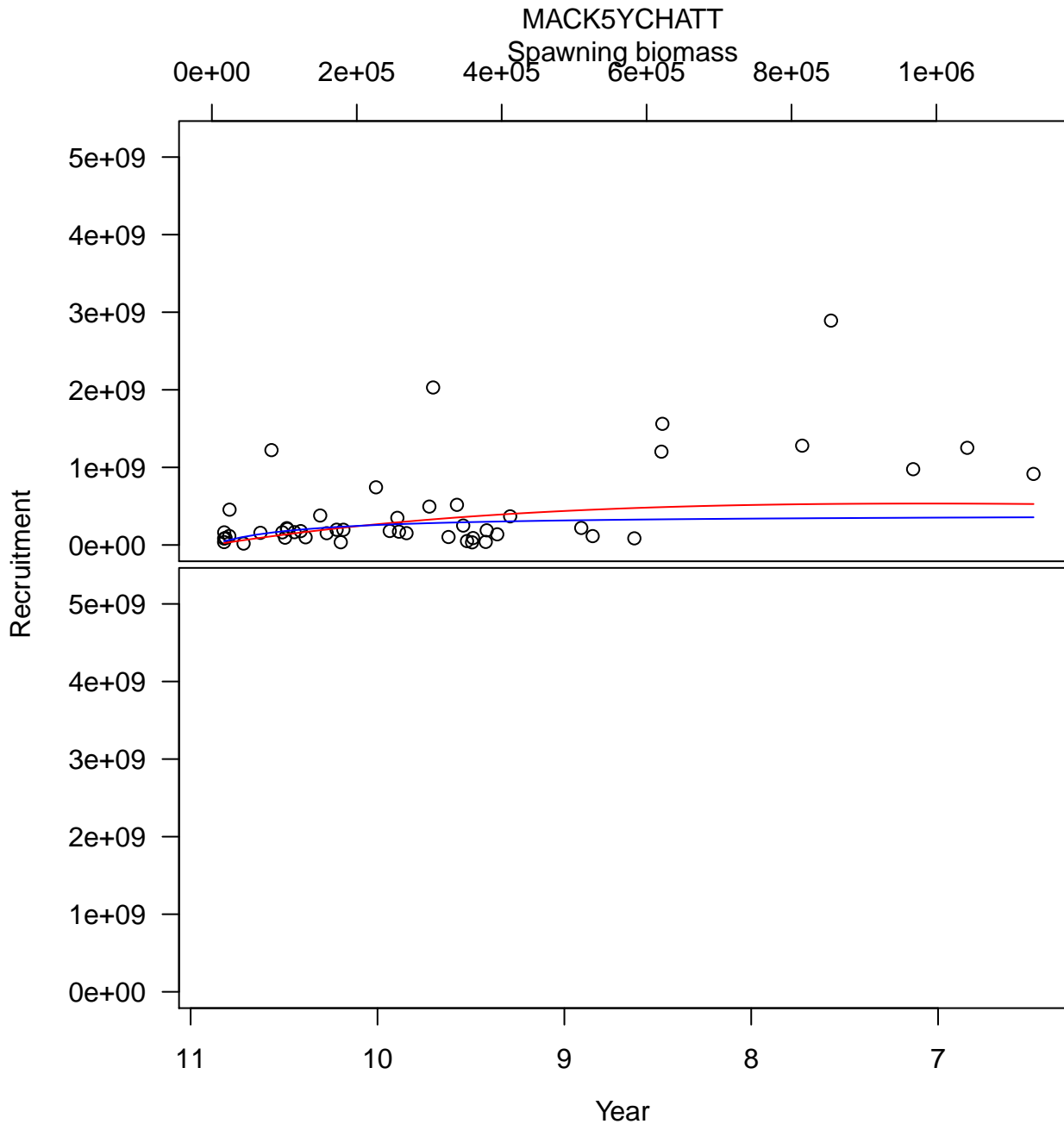


LSTHORNHPCOAST

Spawning biomass

0 10000 20000 30000 40000





MACKNWATLSA3.4

Spawning biomass

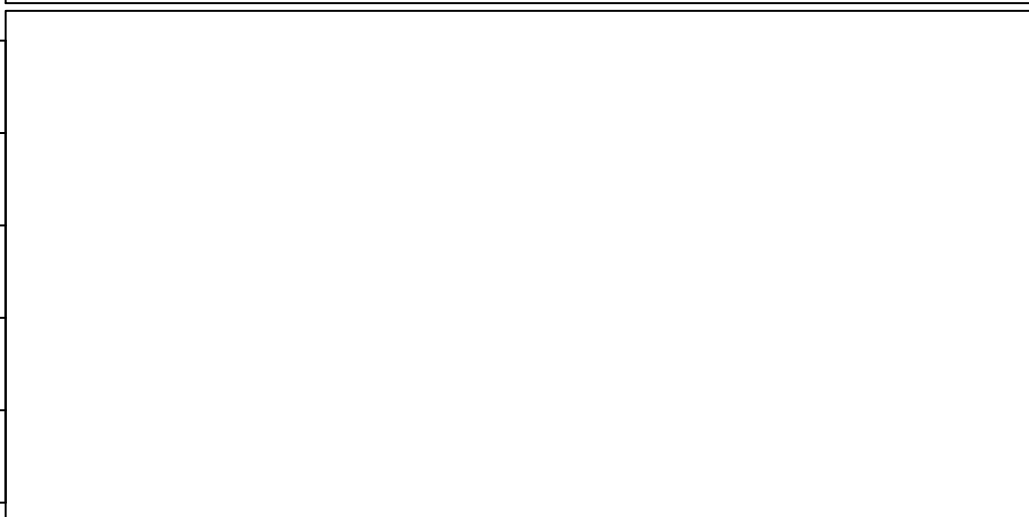
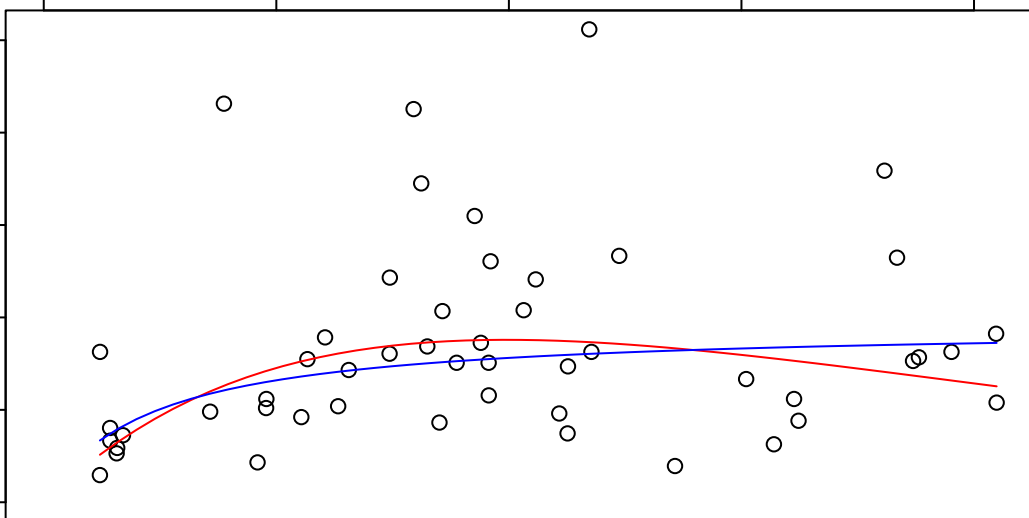
0e+00 1e+05 2e+05 3e+05 4e+05

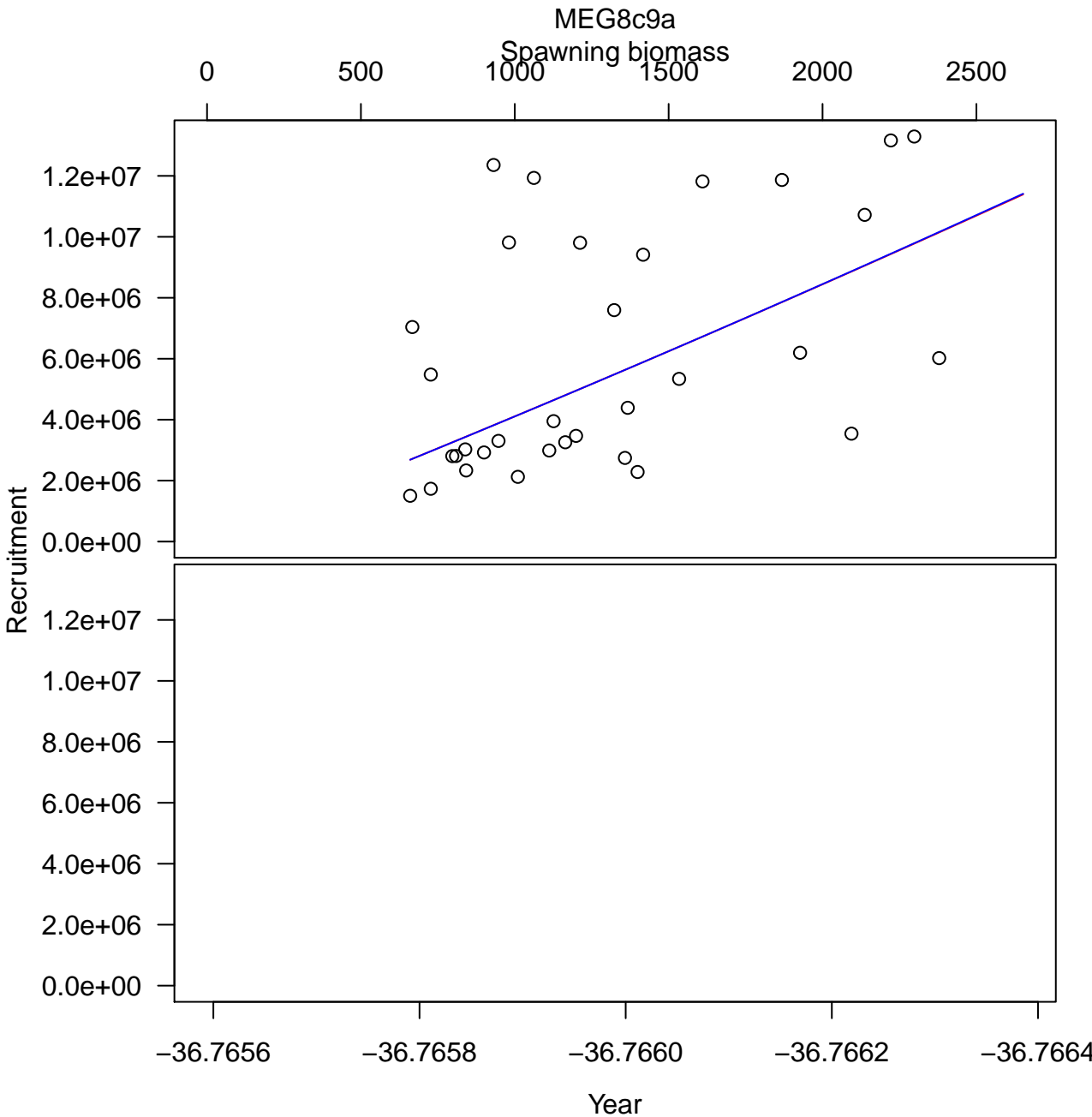
Recruitment

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

-55.90 -55.85 -55.80 -55.75 -55.70 -55.65

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

-79.6

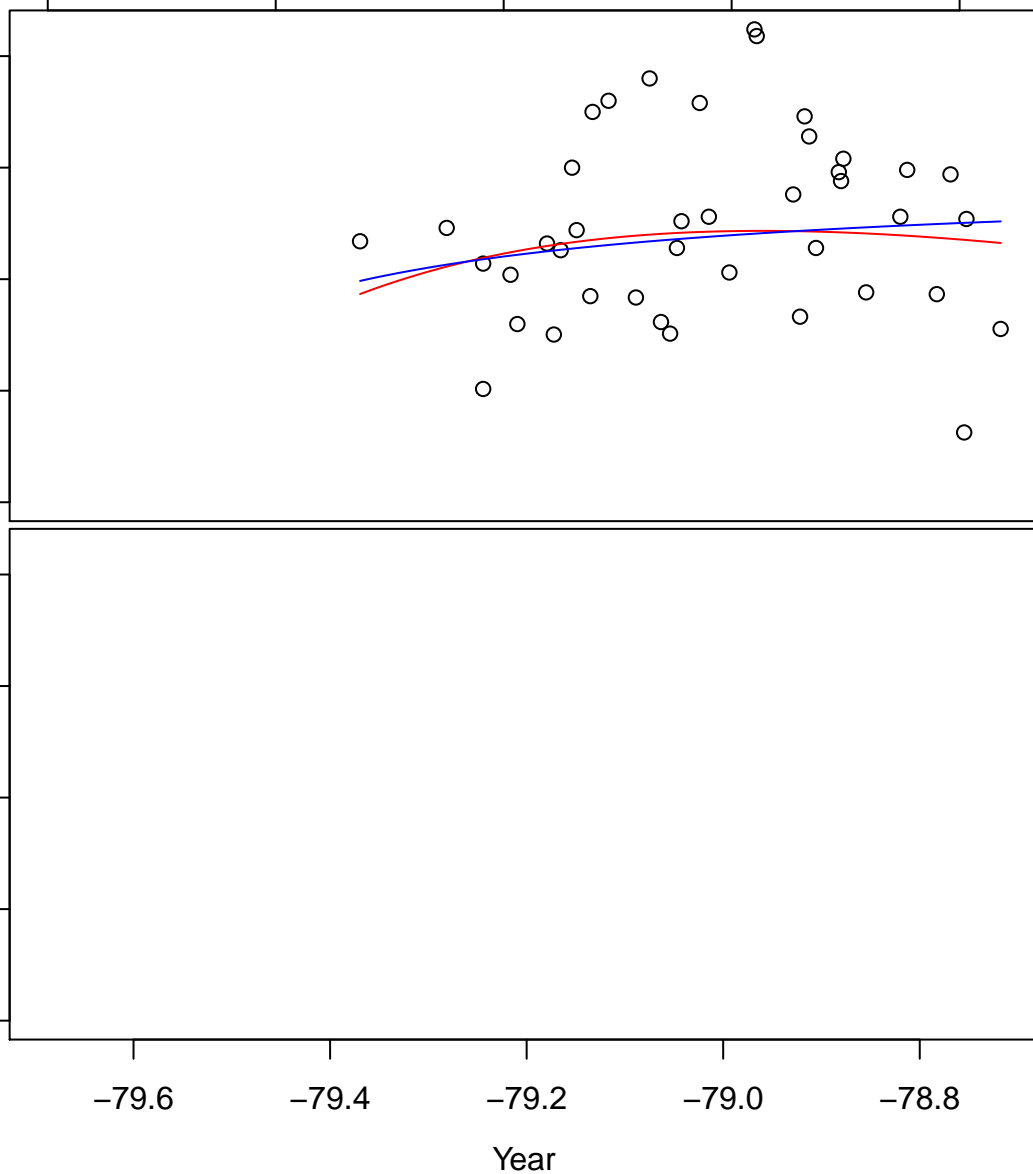
-79.4

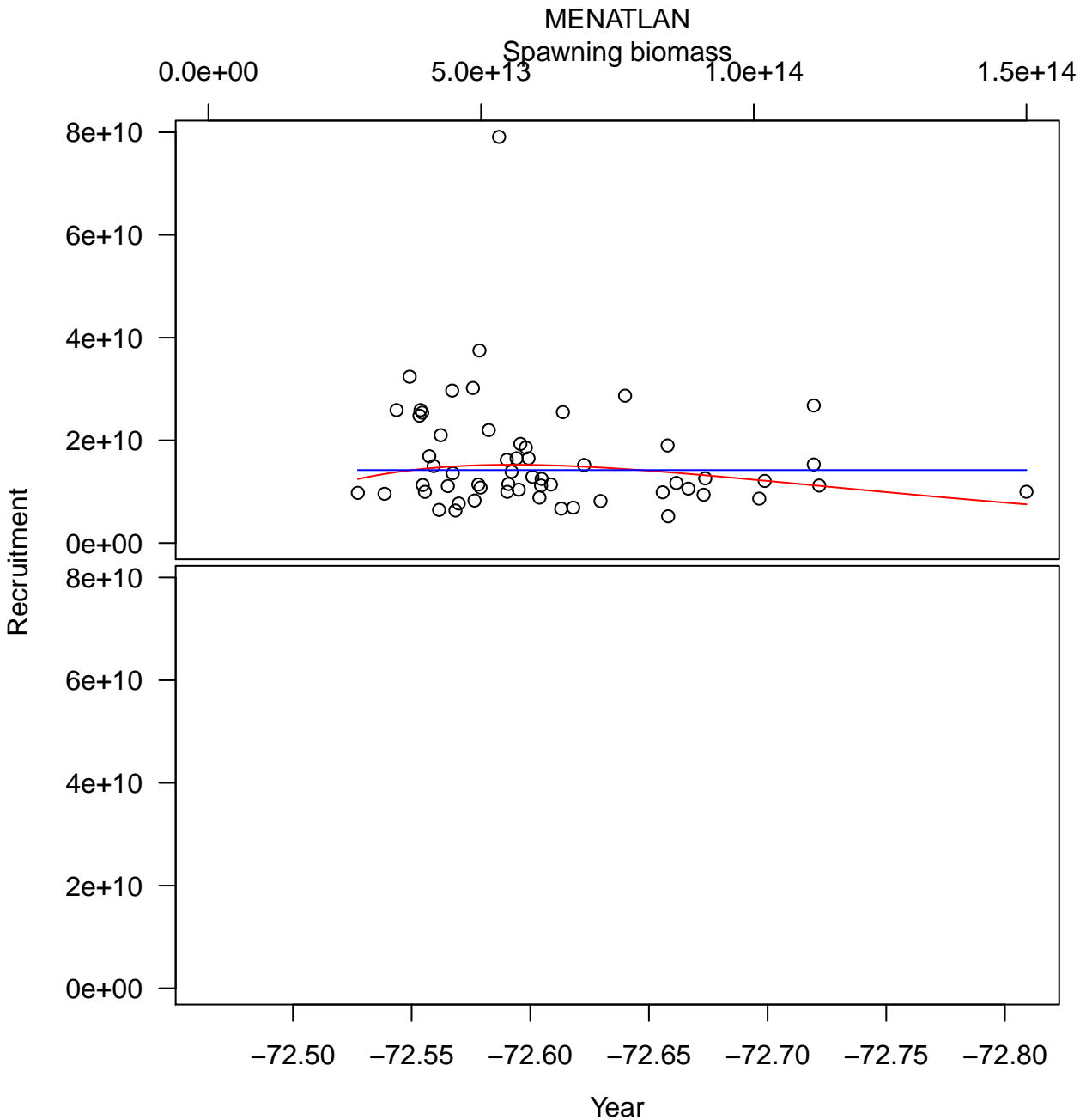
-79.2

-79.0

-78.8

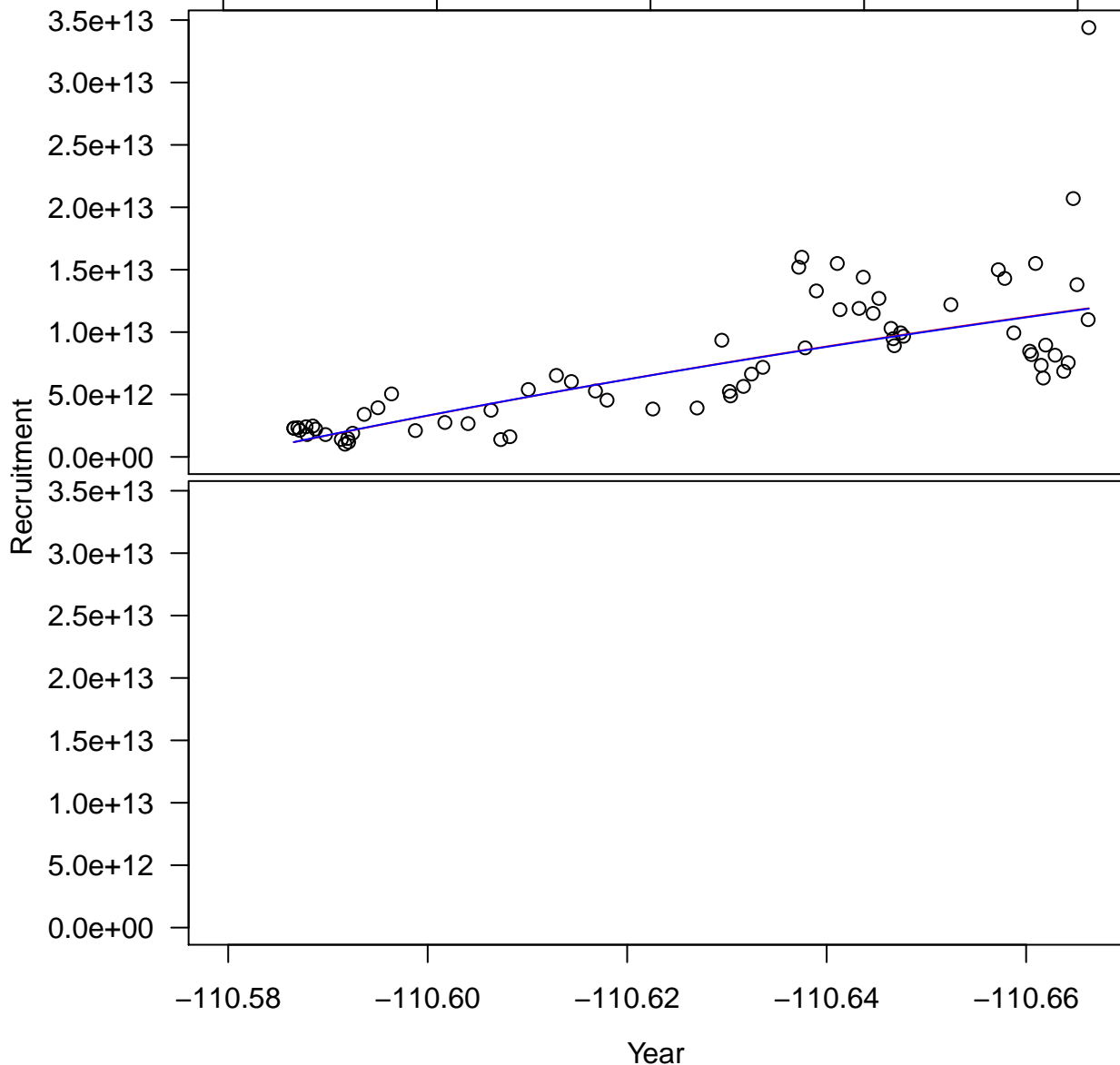
Year





MORWONGESE
Spawning biomass

0 5000 10000 15000 20000



MORWONGWSE

Spawning biomass

0 500 1000 1500 2000 2500

1.5e+12

1.0e+12

5.0e+11

0.0e+00

Recruitment

1.5e+12

1.0e+12

5.0e+11

0.0e+00

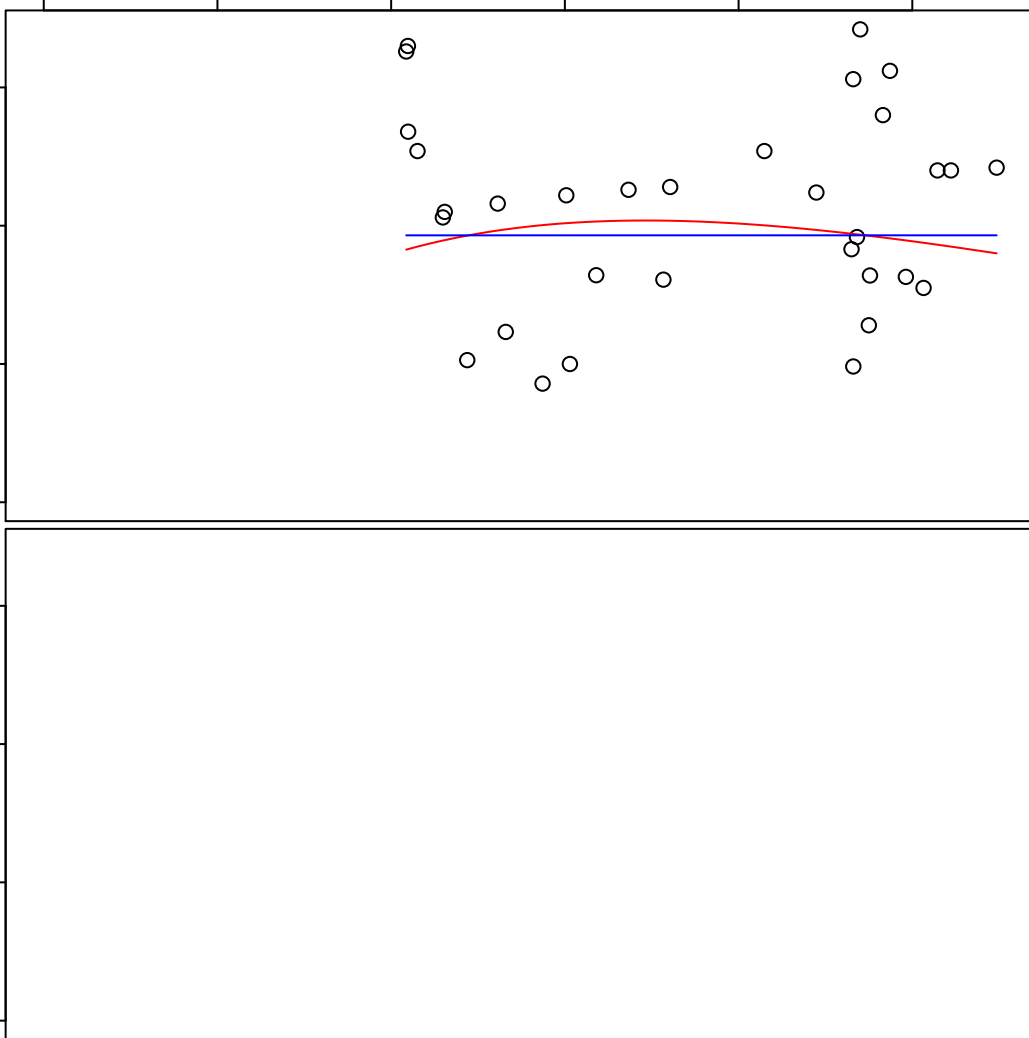
-49.5

-50.0

-50.5

-51.0

Year



MUTSNAPSATLCGM

Spawning biomass

0

500

1000

1500

2000

2500

2000000

1500000

1000000

500000

0

Recruitment

2000000

1500000

1000000

500000

0

-45.302

-45.301

-45.300

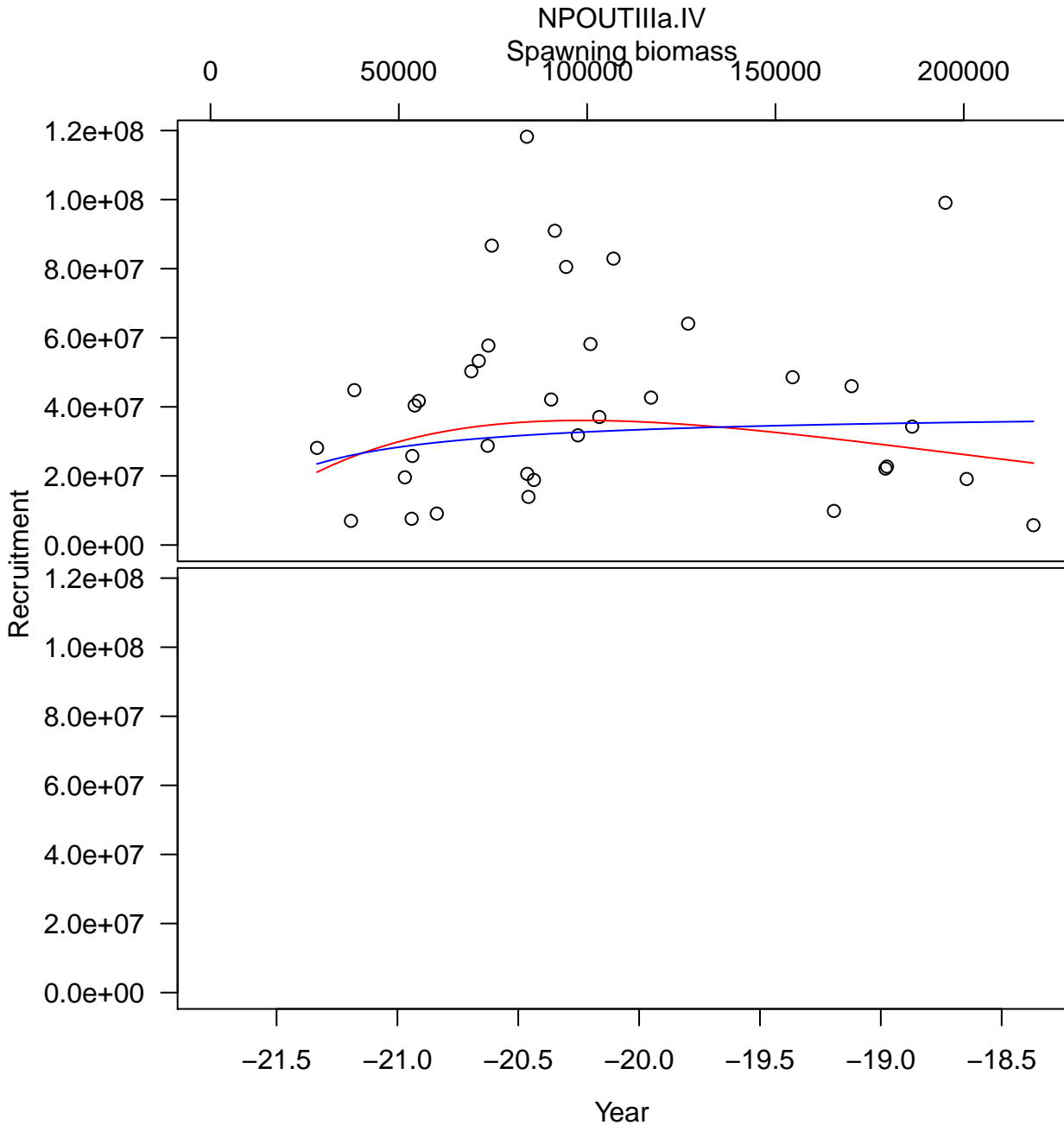
-45.299

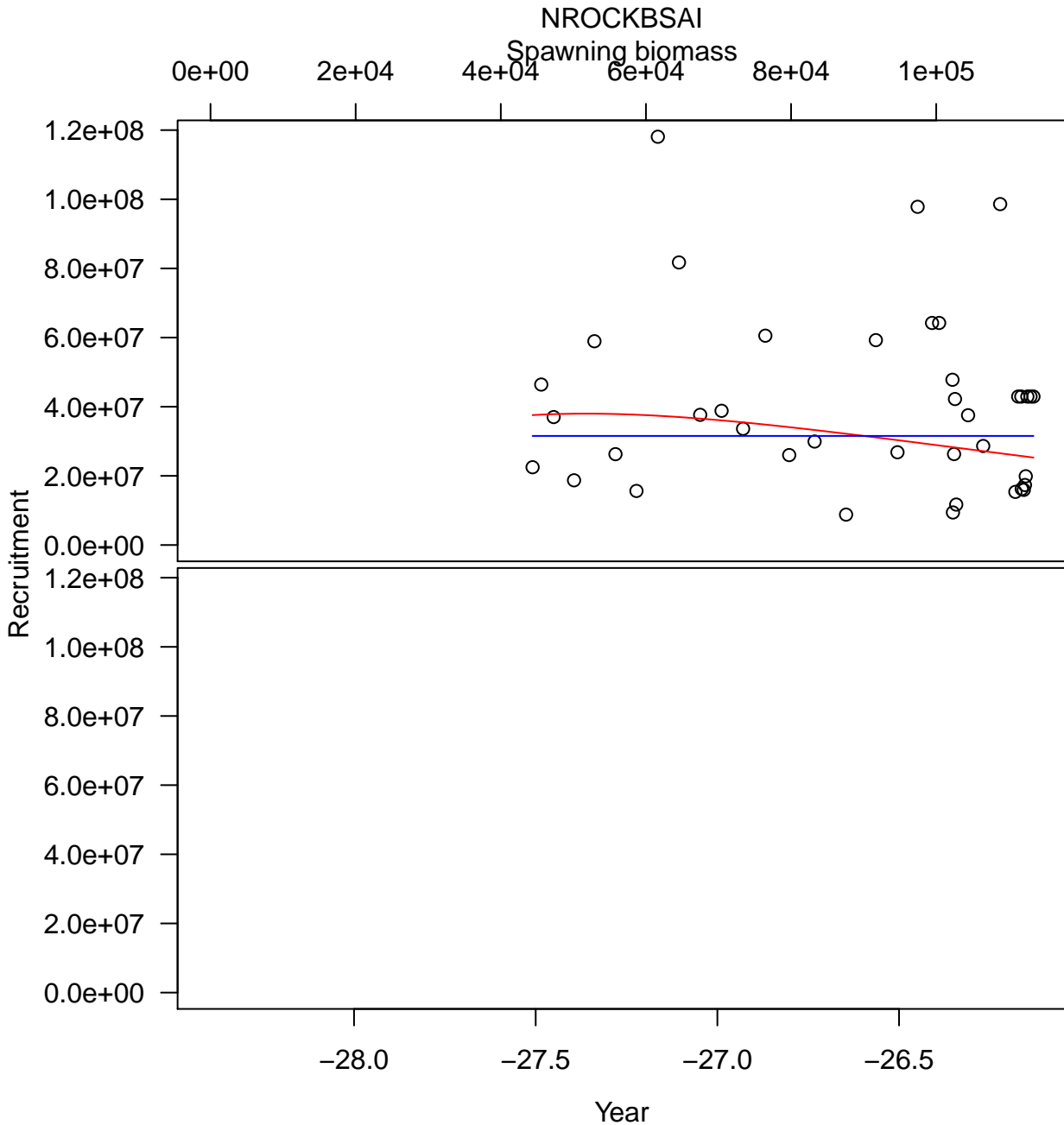
-45.298

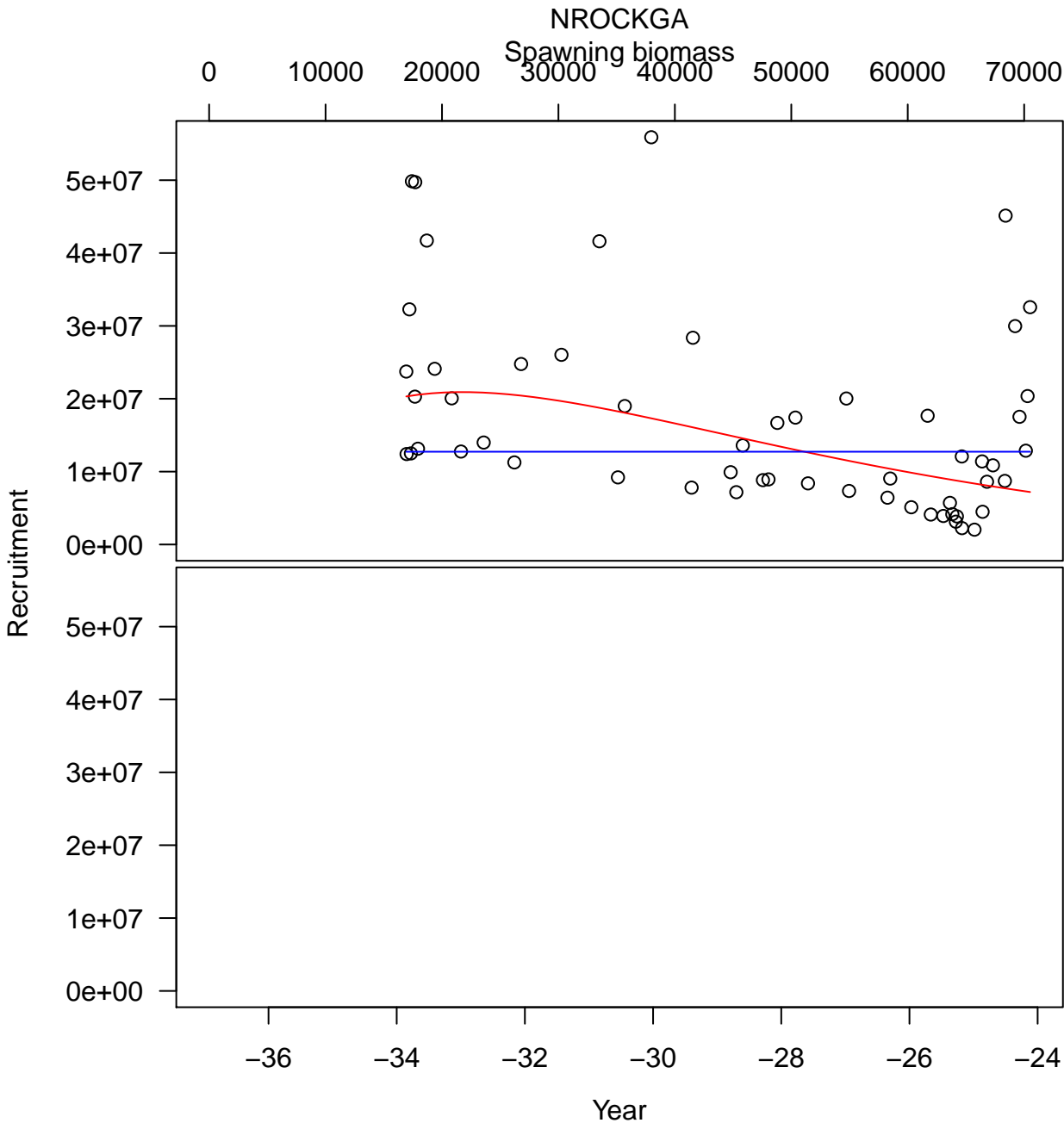
-45.297

-45.296

Year







NRSOLEEBSAI

Spawning biomass

0e+00

1e+05

2e+05

3e+05

4e+05

5e+05

6e+05

6e+06

5e+06

4e+06

3e+06

2e+06

1e+06

0e+00

Recruitment

6e+06

5e+06

4e+06

3e+06

2e+06

1e+06

0e+00

-10.4

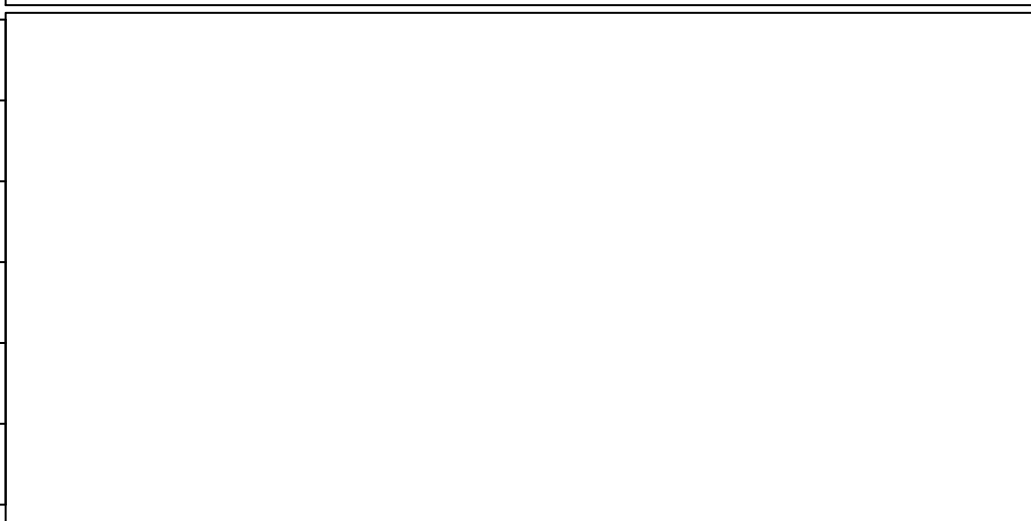
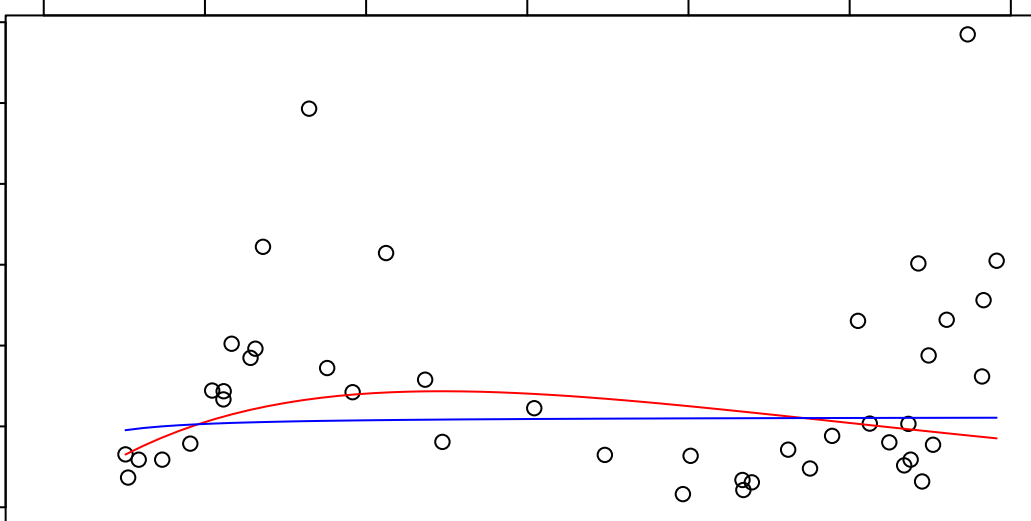
-10.6

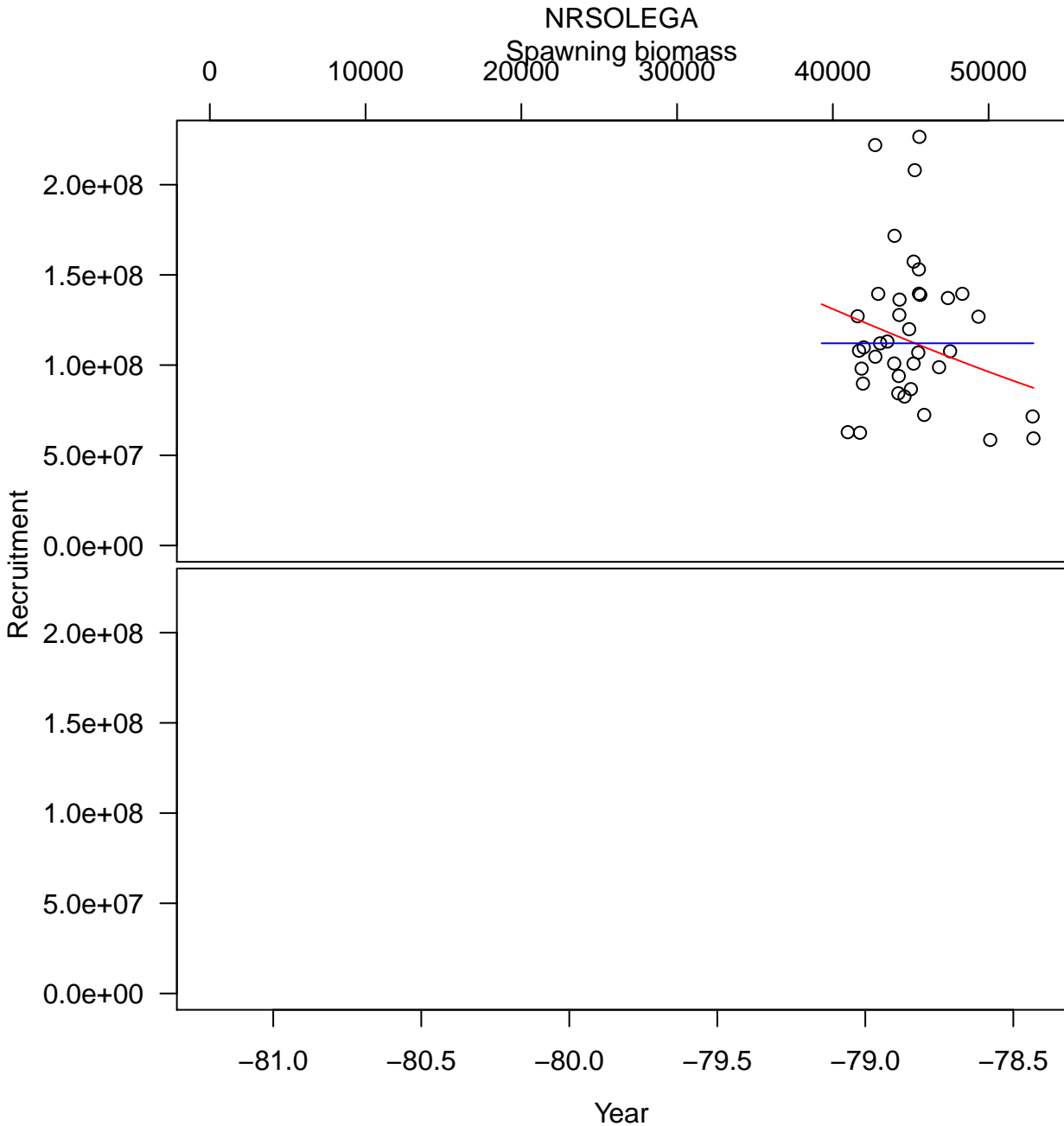
-10.8

-11.0

-11.2

Year





NSHRIMPCSCH
Spawning biomass

0

5000

10000

15000

Recruitment

3.0e+09

2.5e+09

2.0e+09

1.5e+09

1.0e+09

5.0e+08

0.0e+00

3.0e+09

2.5e+09

2.0e+09

1.5e+09

1.0e+09

5.0e+08

0.0e+00

-82.6

-82.8

-83.0

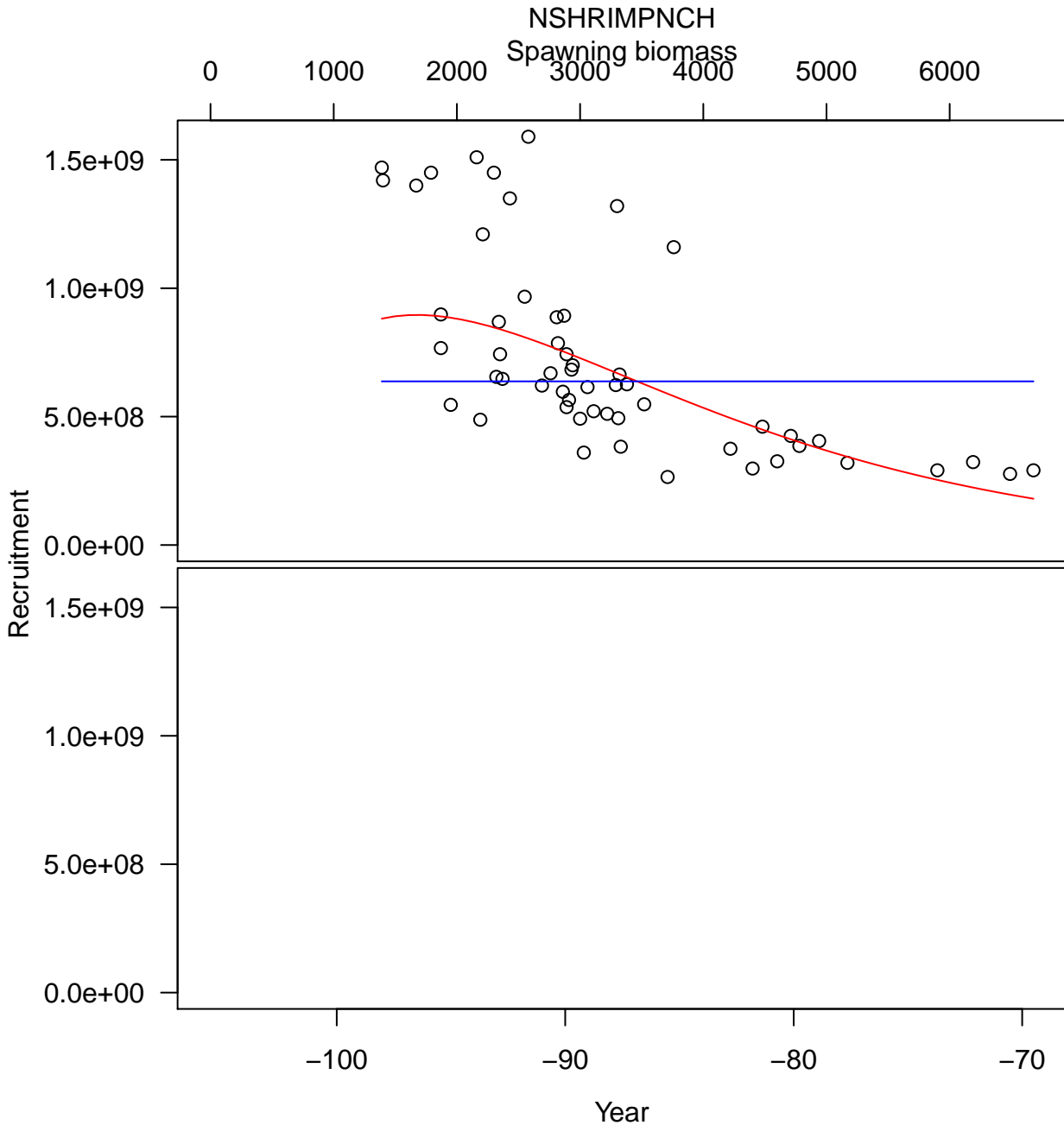
-83.2

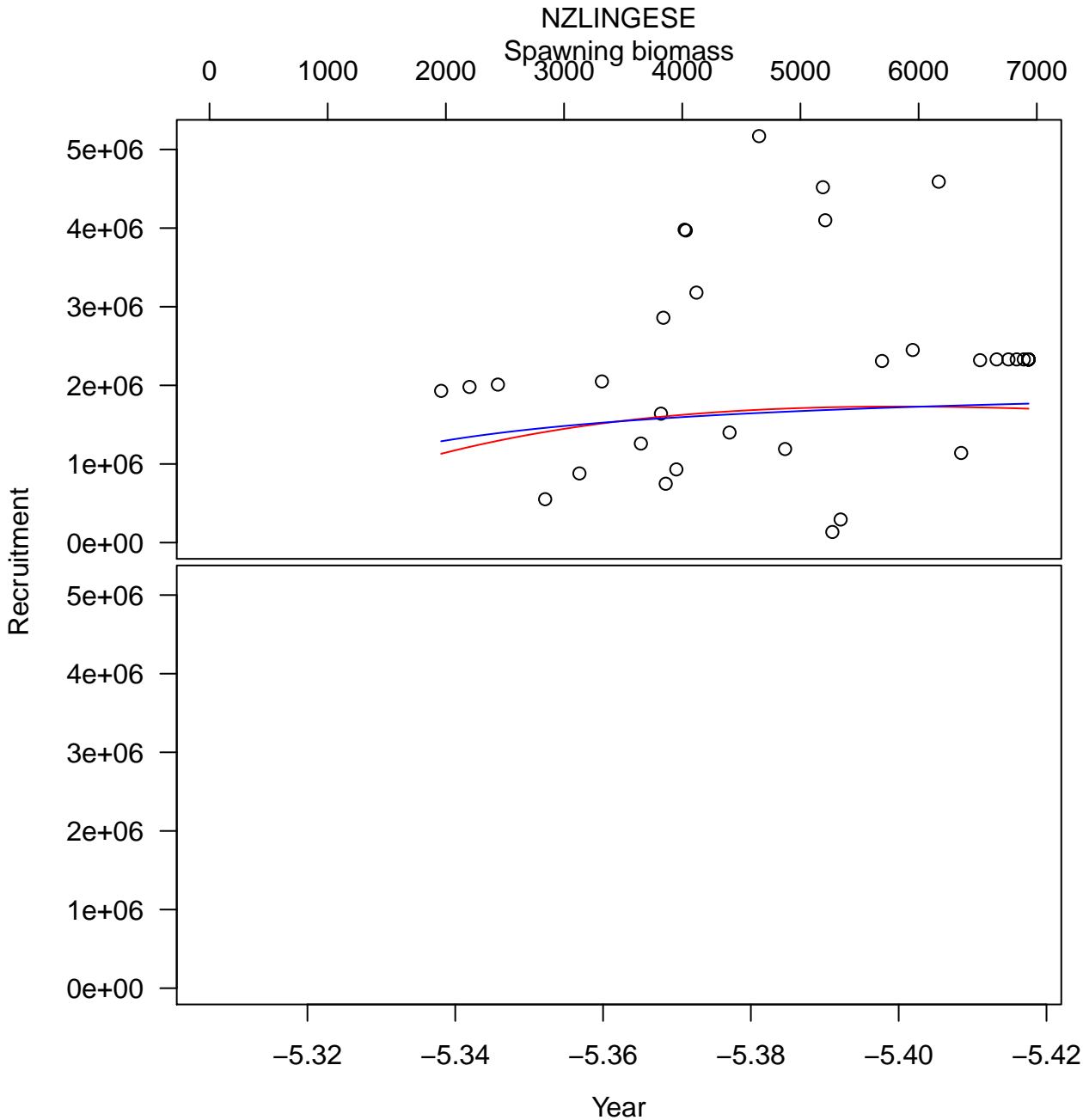
-83.4

-83.6

-83.8

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

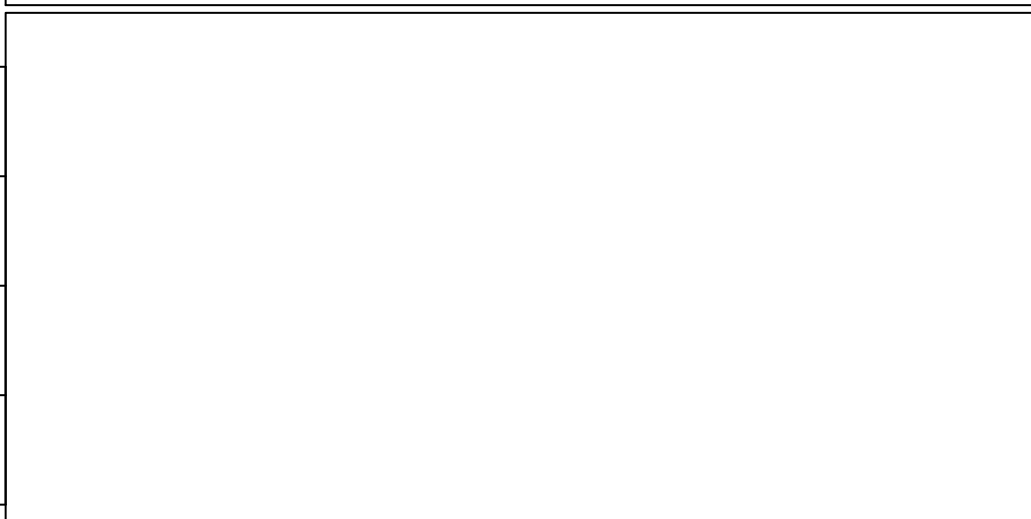
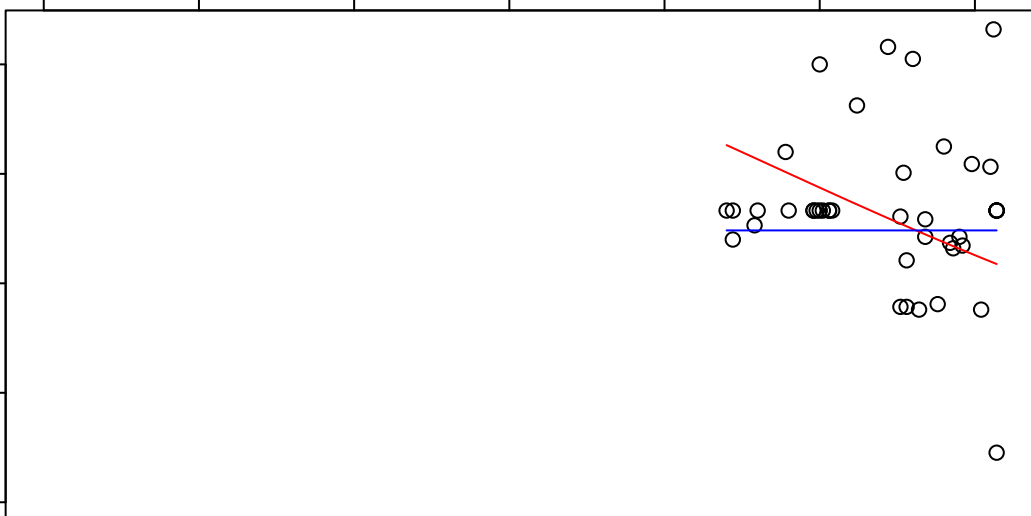
-46.5

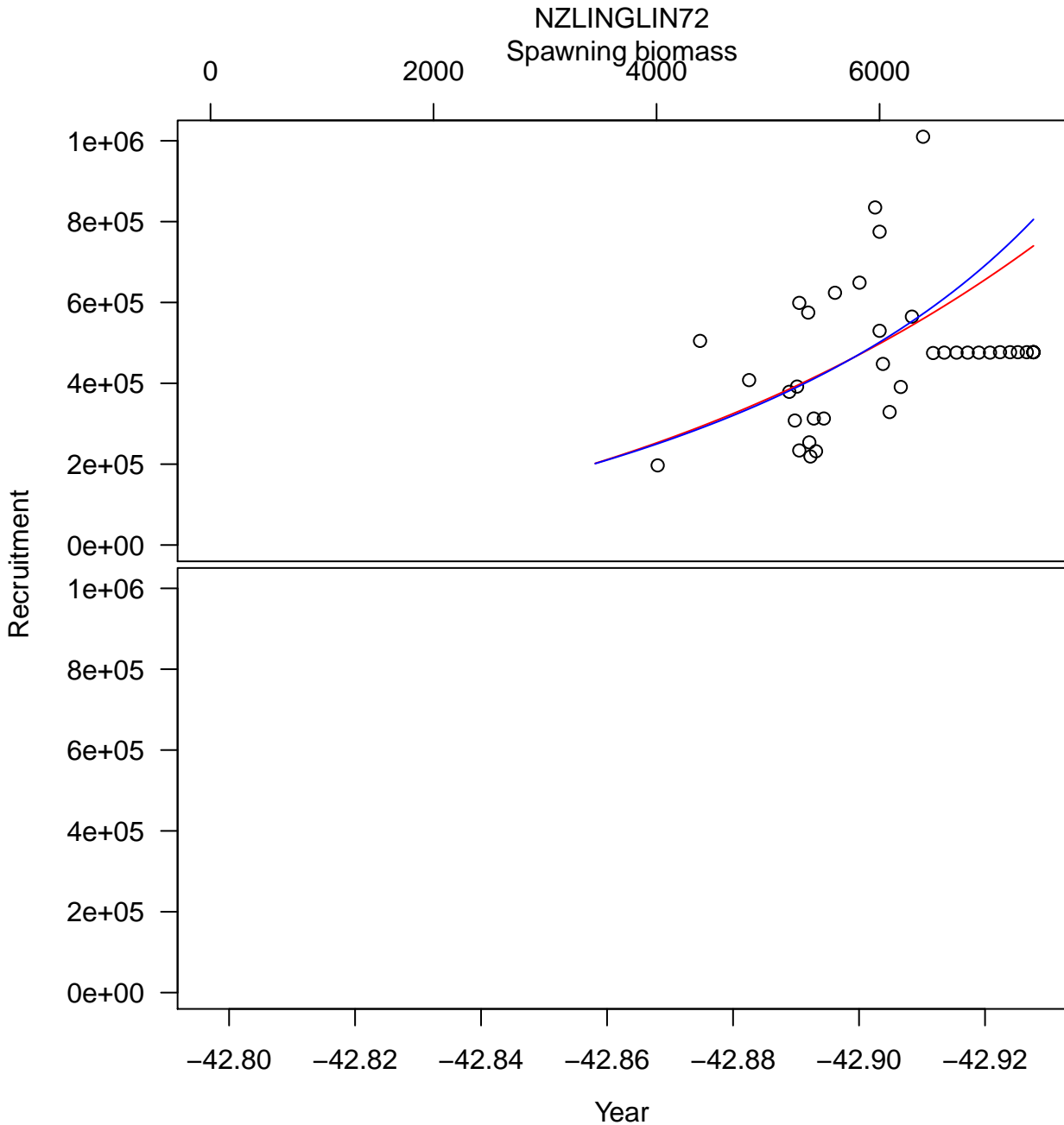
-46.0

-45.5

-45.0

Year





NZLINGLIN7WC
Spawning biomass

0

20000

40000

60000

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

-67.064

-67.063

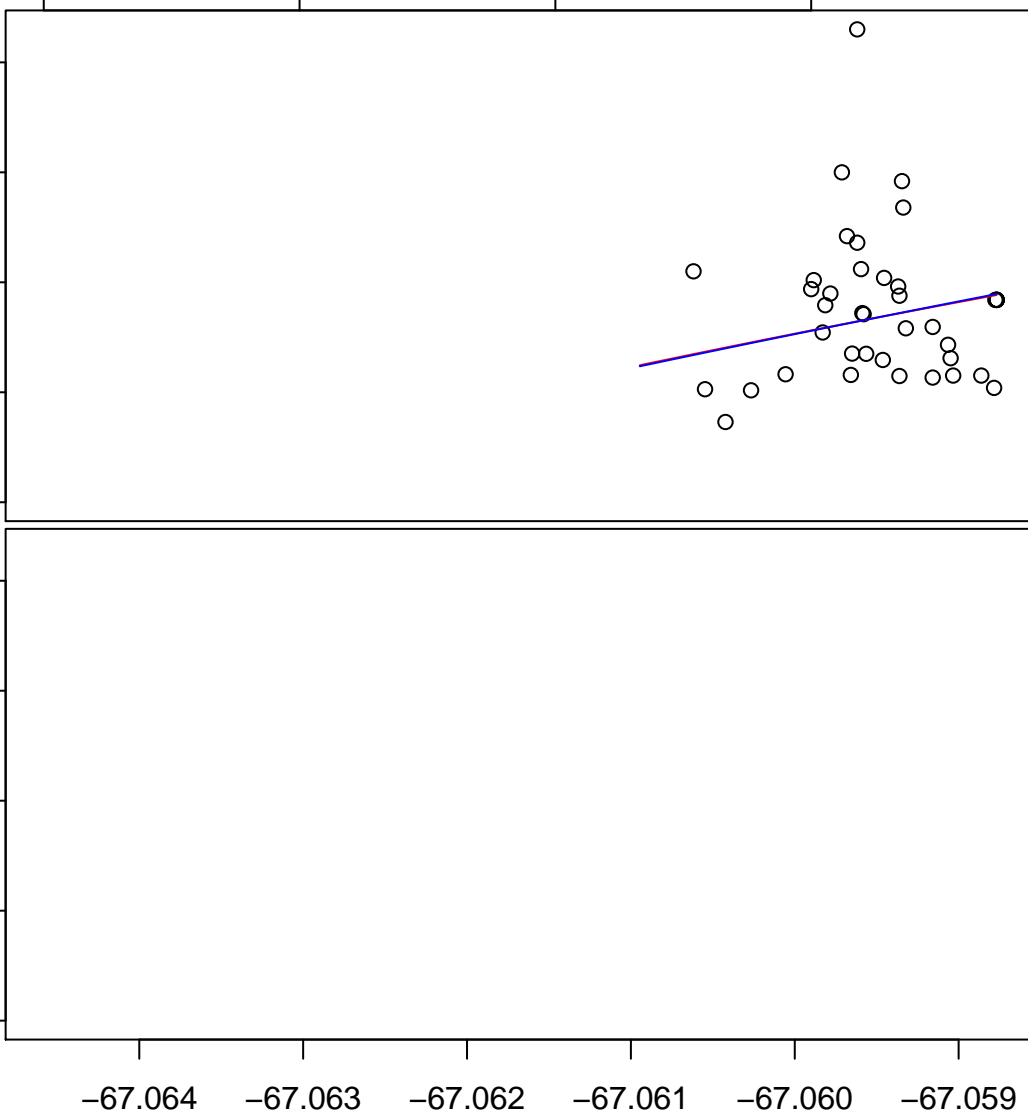
-67.062

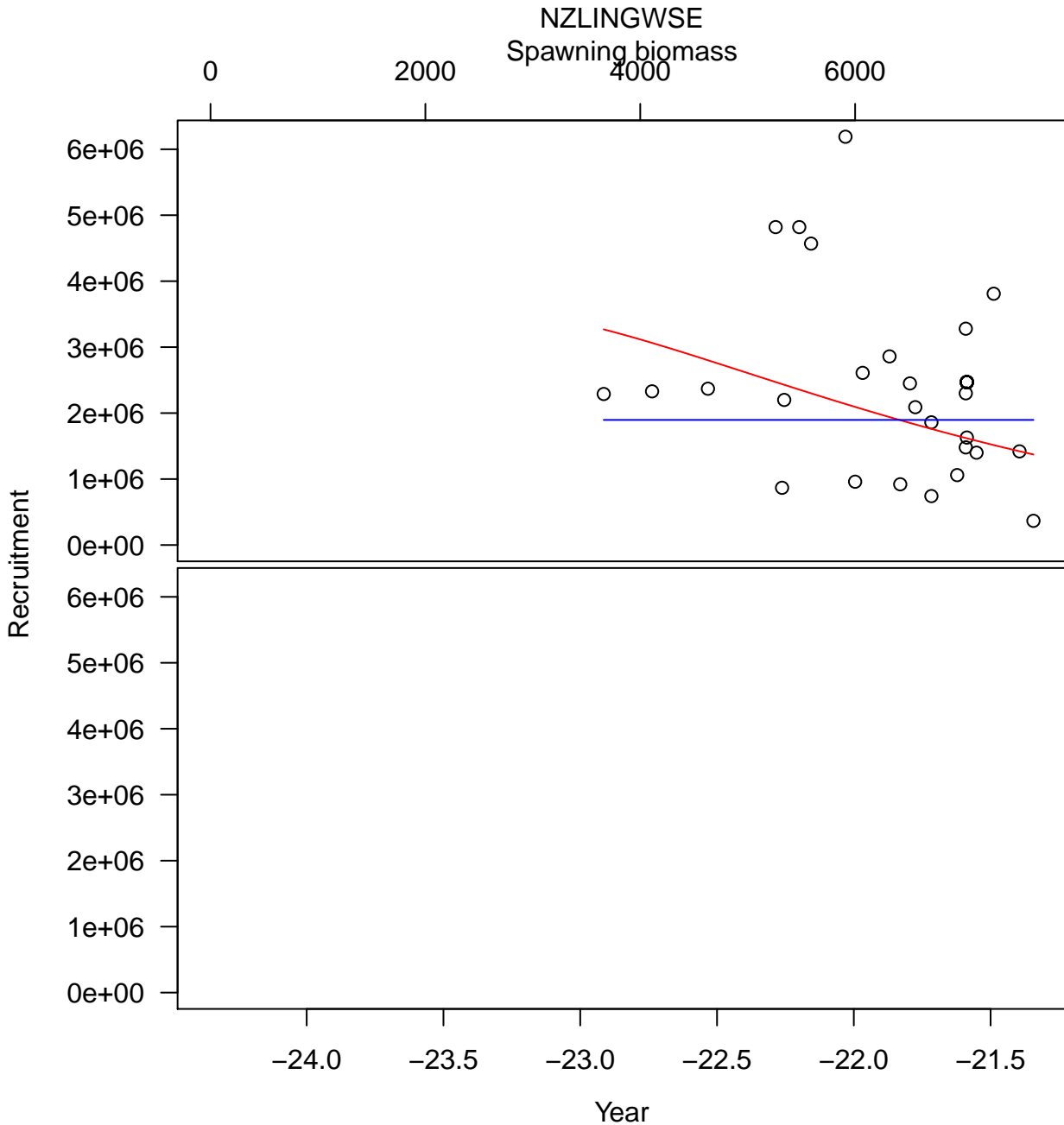
-67.061

-67.060

-67.059

Year





NZSNAPNZ1ENLD

Spawning biomass

0 10000 20000 30000 40000 50000

8e+06

6e+06

4e+06

2e+06

0e+00

Recruitment

8e+06

6e+06

4e+06

2e+06

0e+00

-87.0

-87.5

-88.0

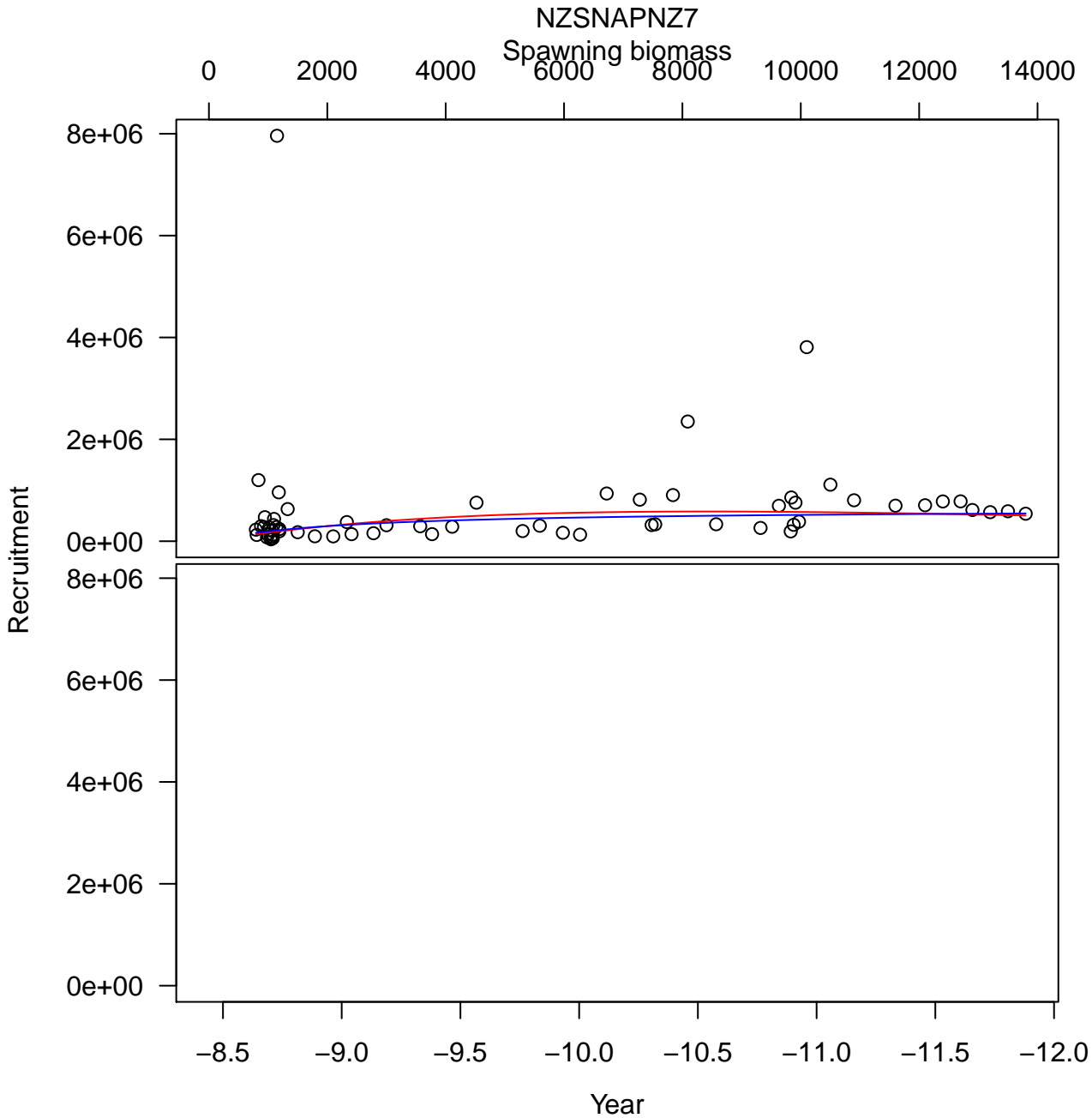
-88.5

-89.0

-89.5

-90.0

Year



NZSNAPNZ8

Spawning biomass

0e+00

2e+04

4e+04

6e+04

8e+04

1e+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

-37.0

-37.5

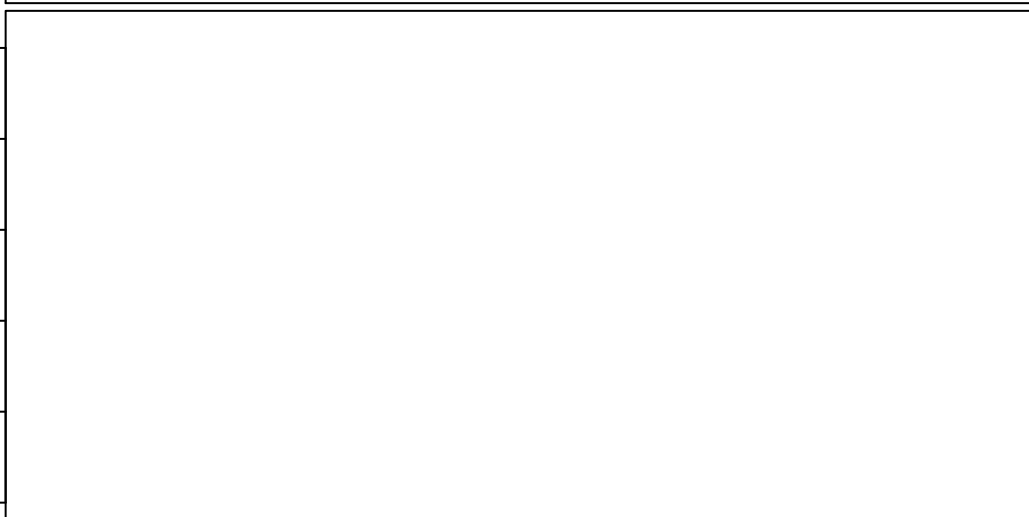
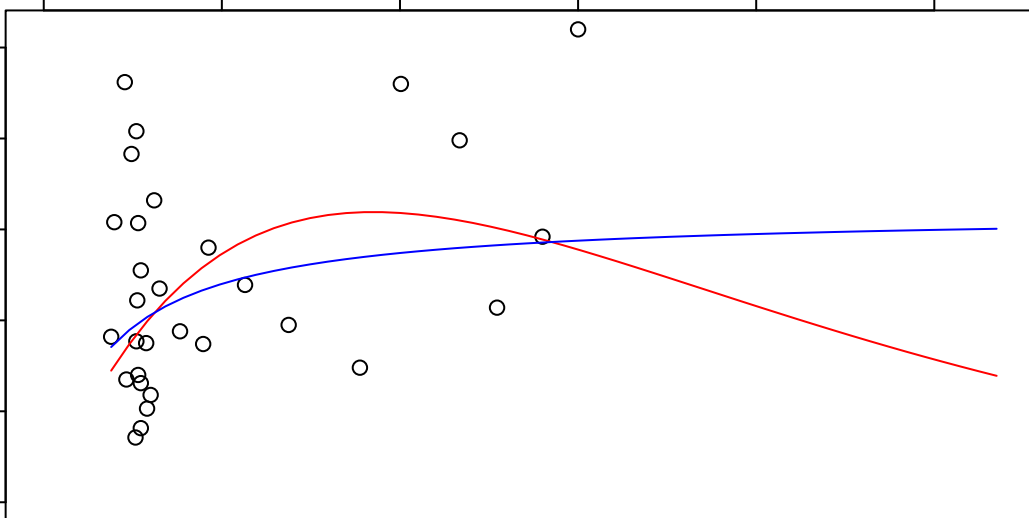
-38.0

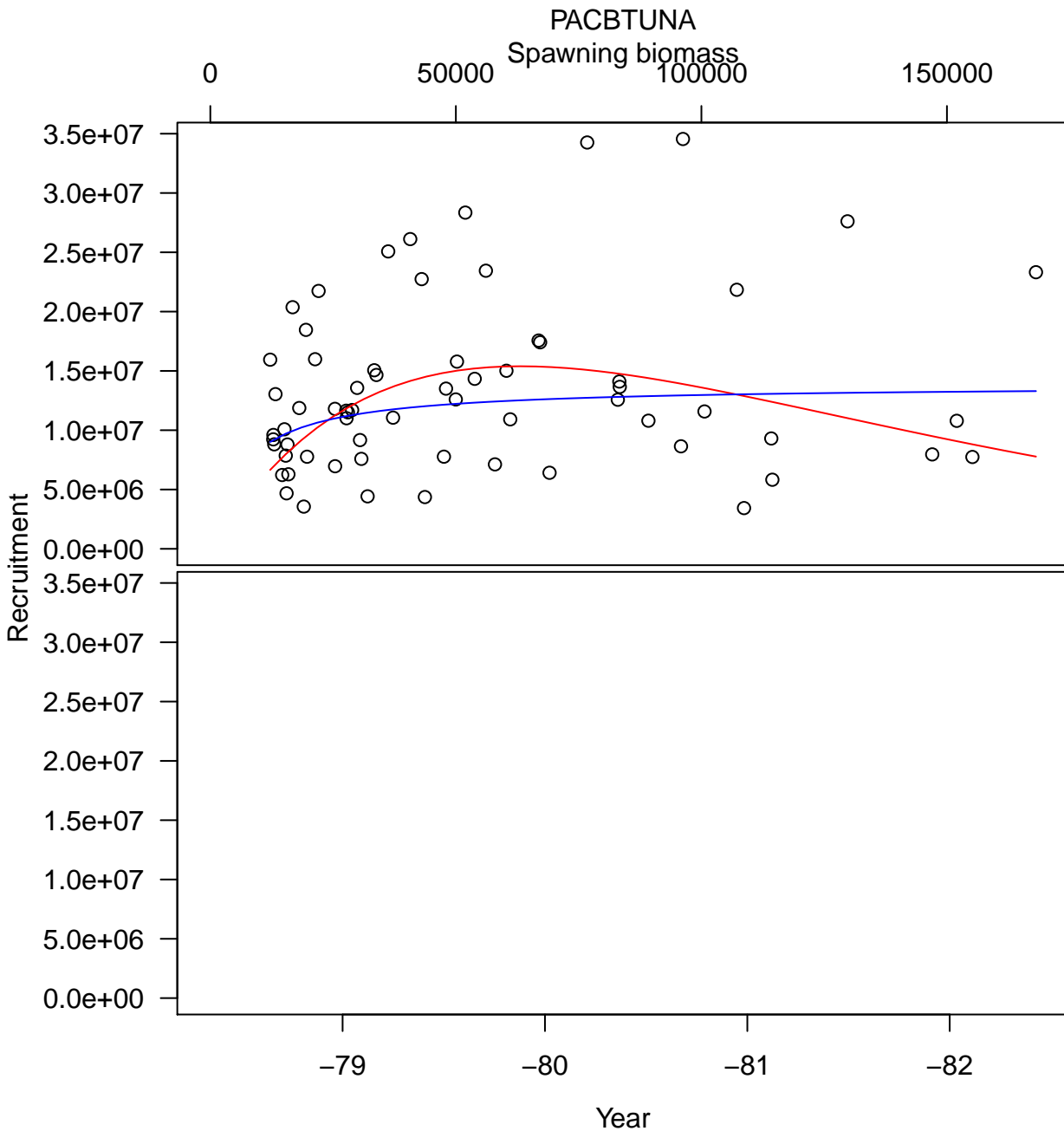
-38.5

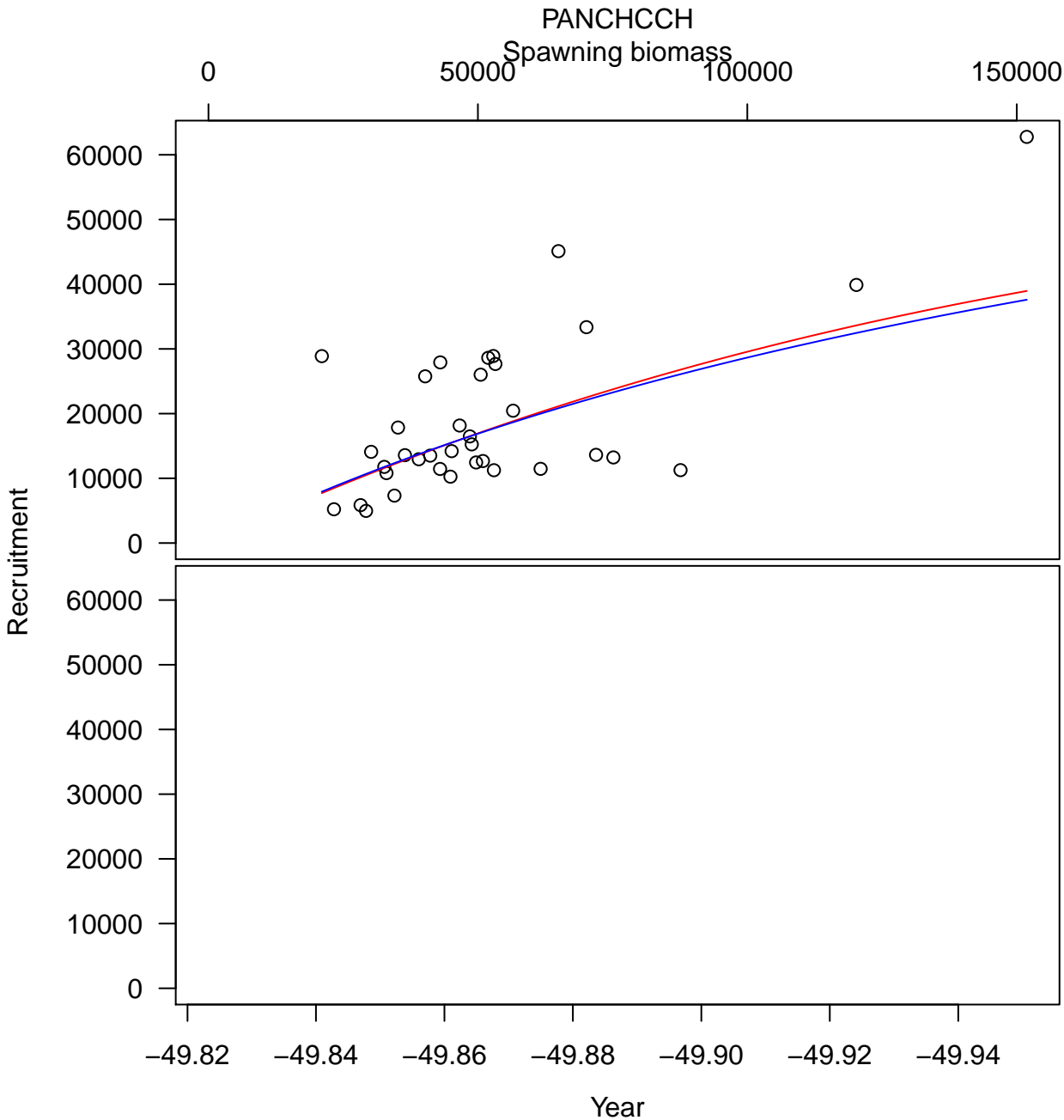
-39.0

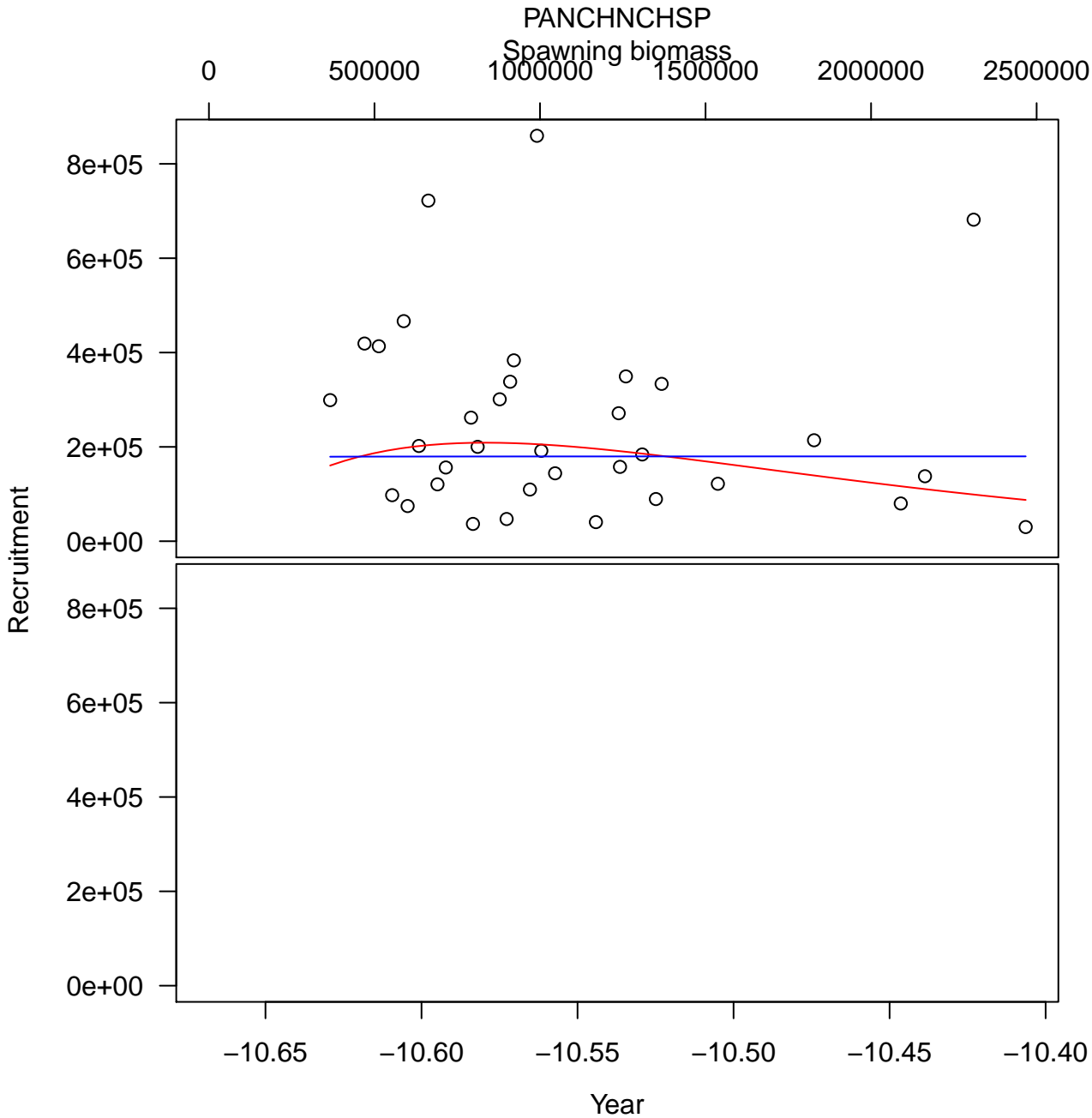
-39.5

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

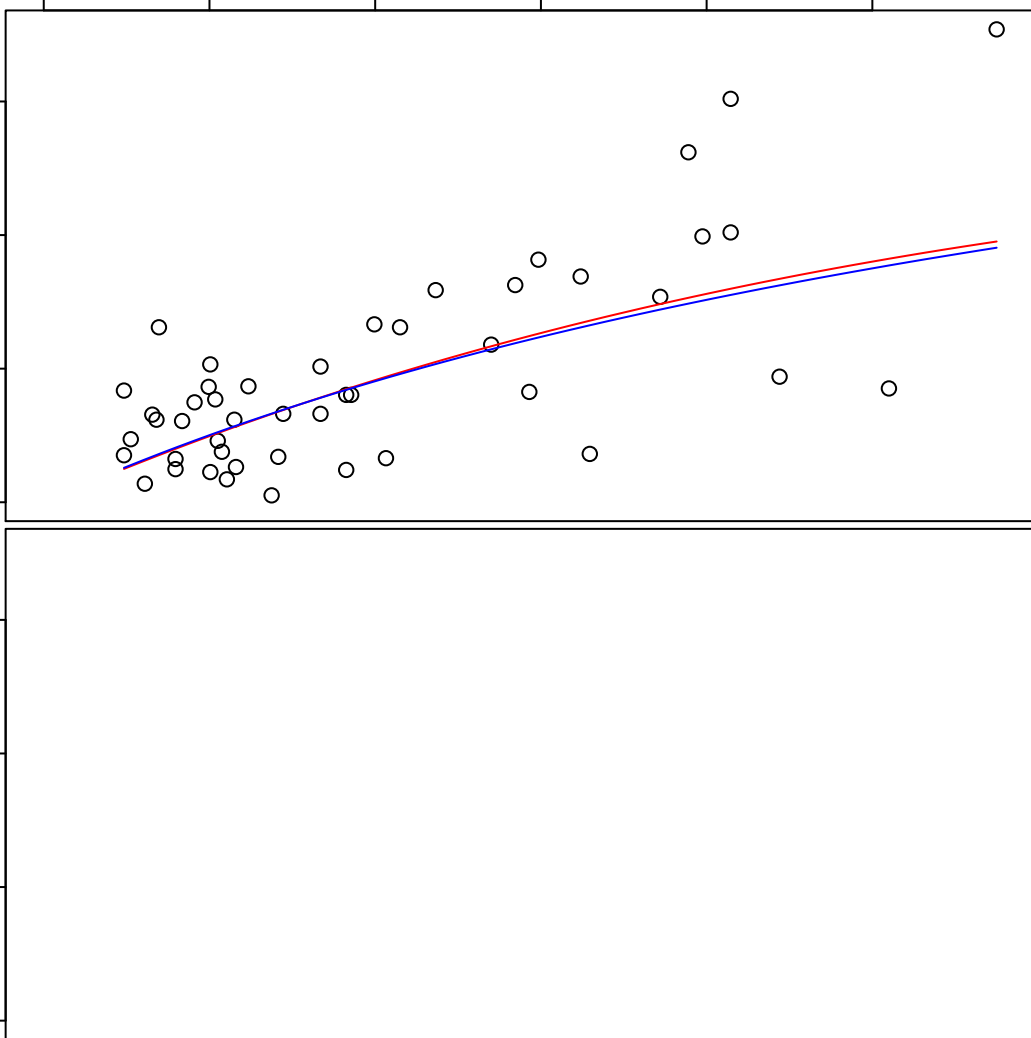
-33.00

-33.05

-33.10

-33.15

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

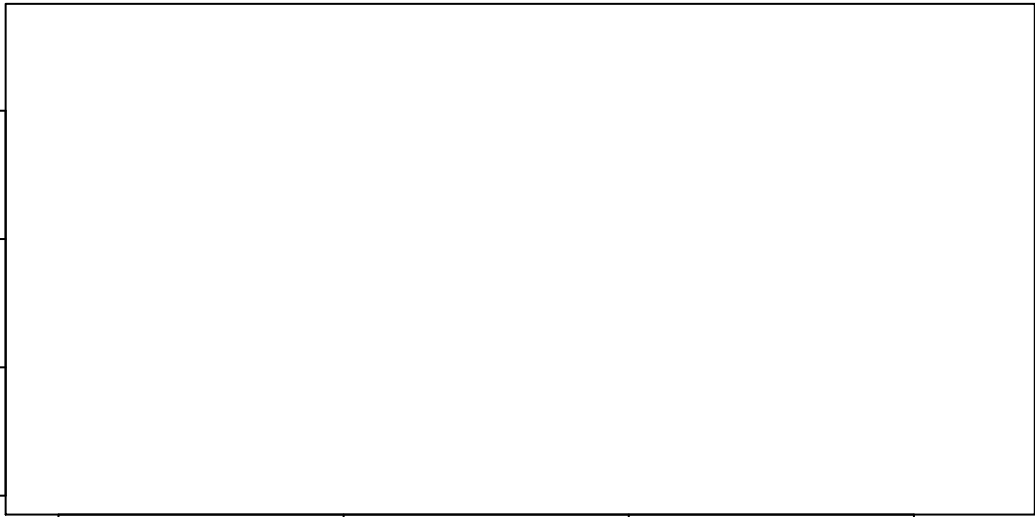
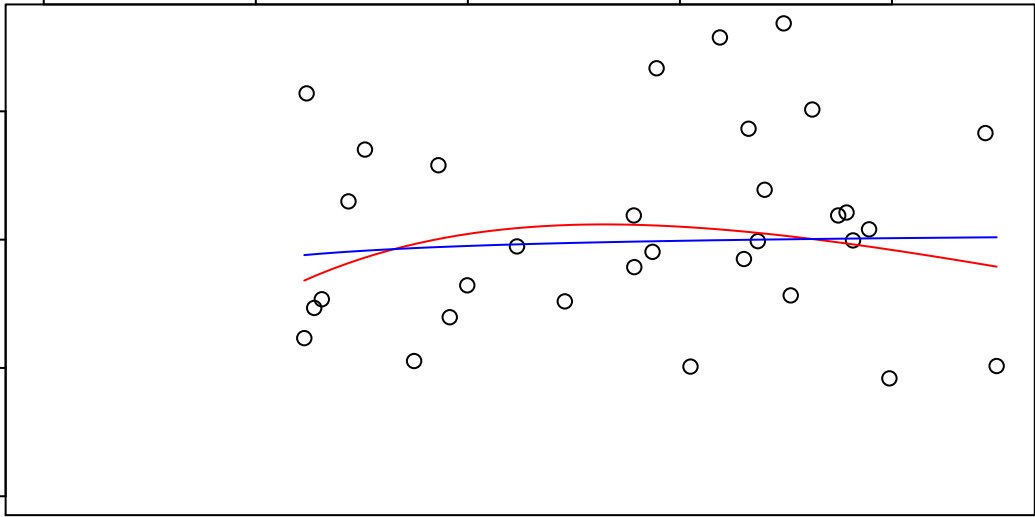
-60.00

-59.95

-59.90

-59.85

Year



PATGRENADIERCH

Spawning biomass

0

200

400

600

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

-53.580

-53.578

-53.576

-53.574

-53.572

-53.570

Year

PATGRENADIERSARG

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

-34.08

-34.10

-34.12

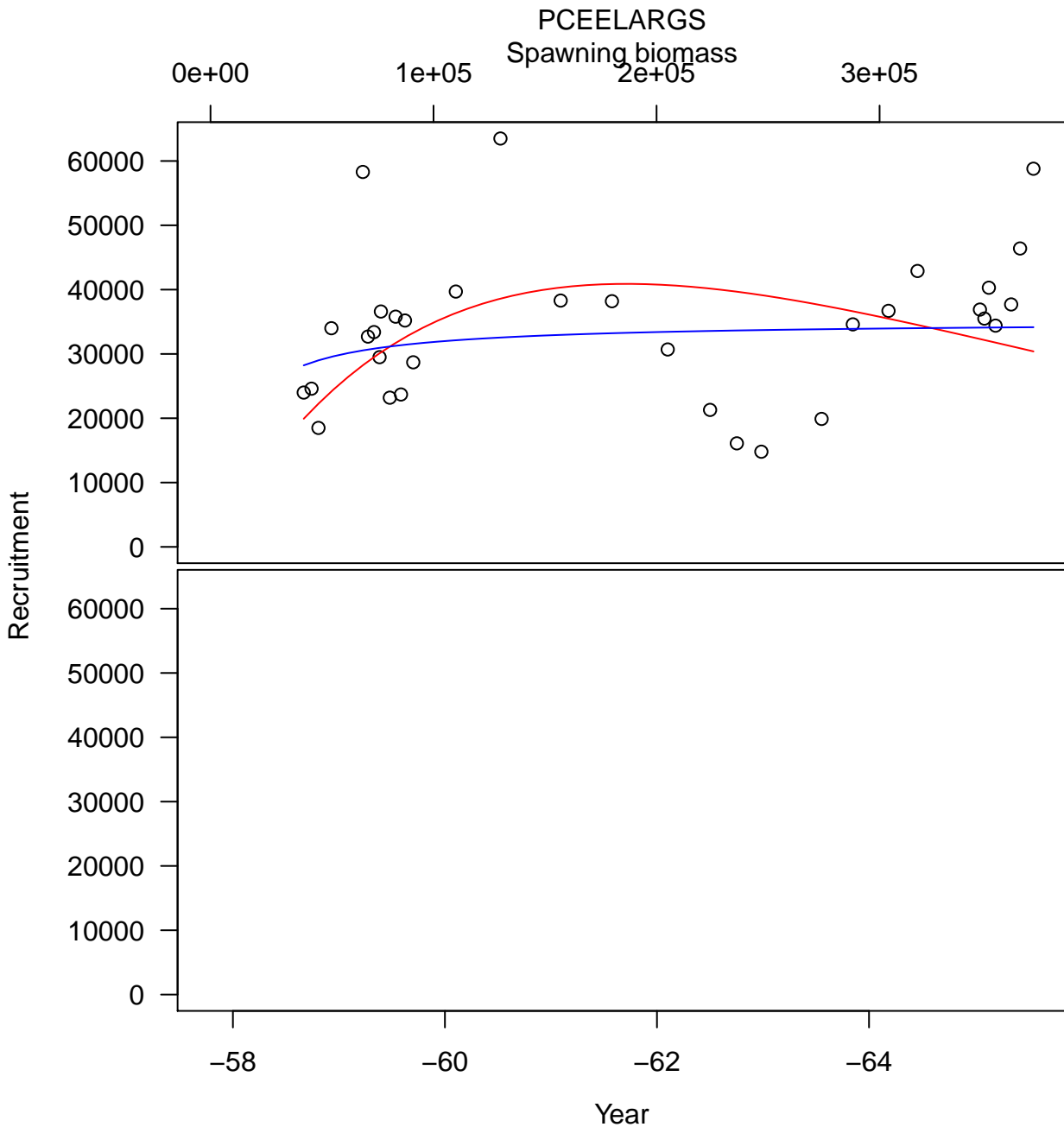
-34.14

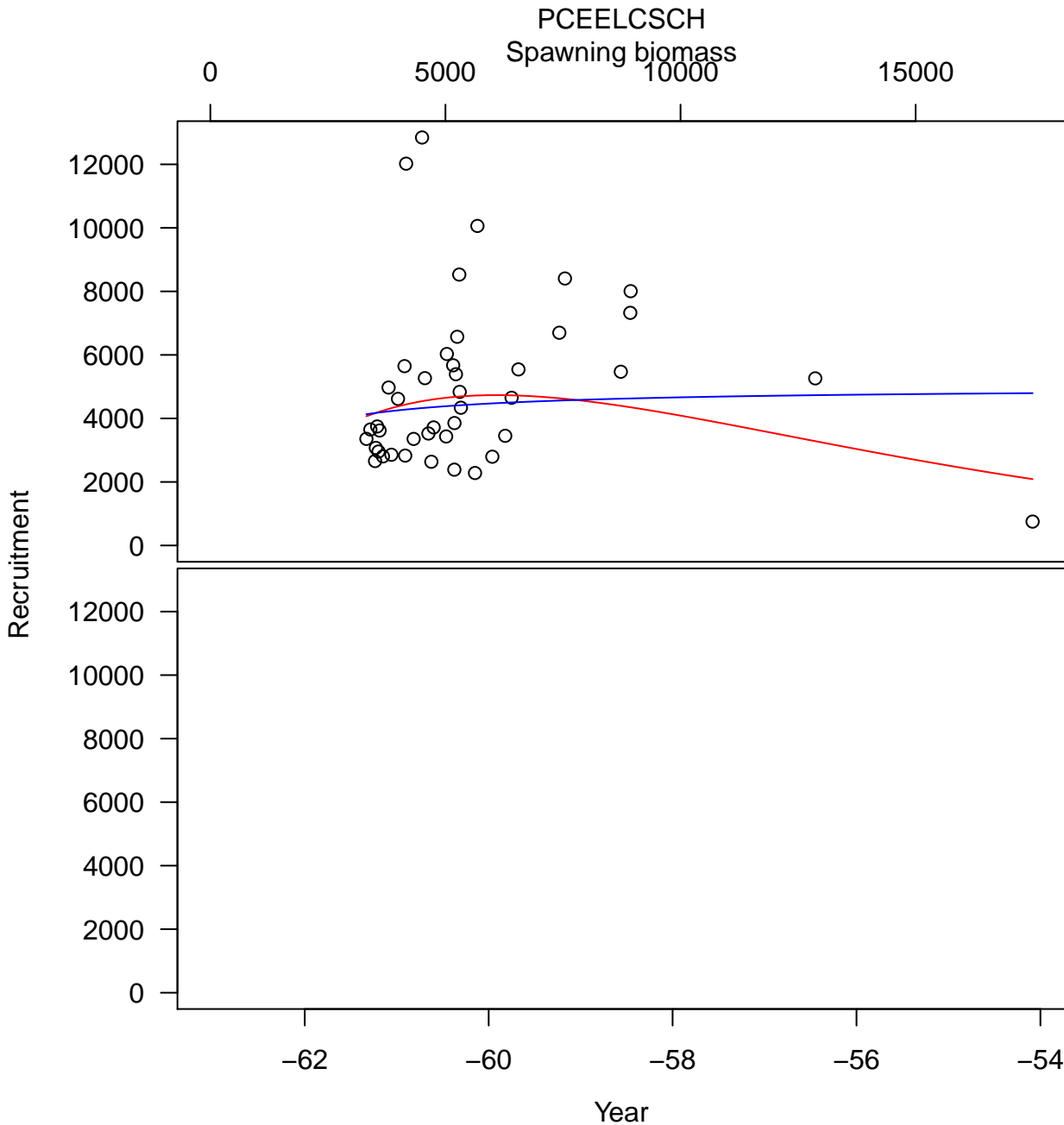
-34.16

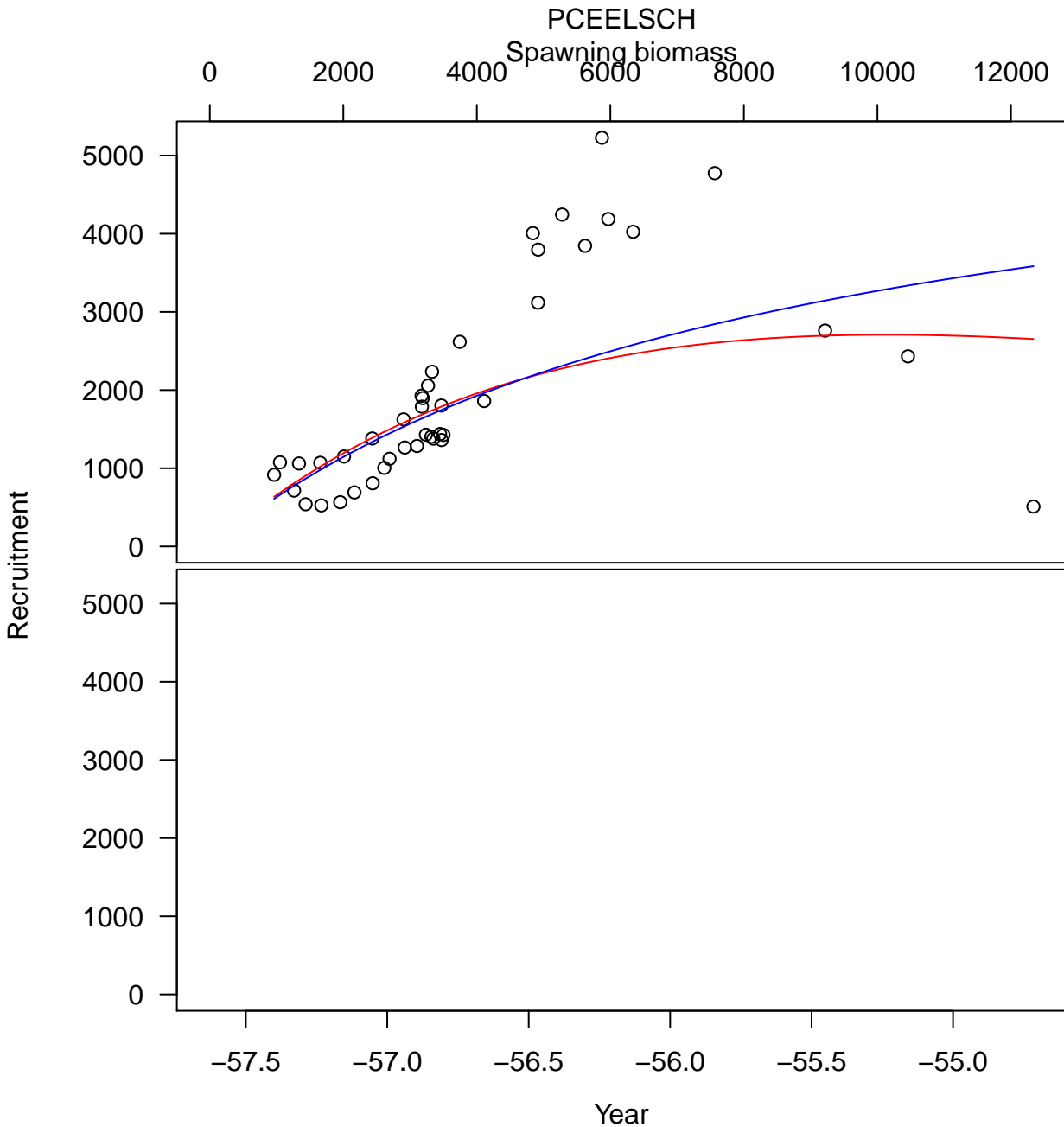
-34.18

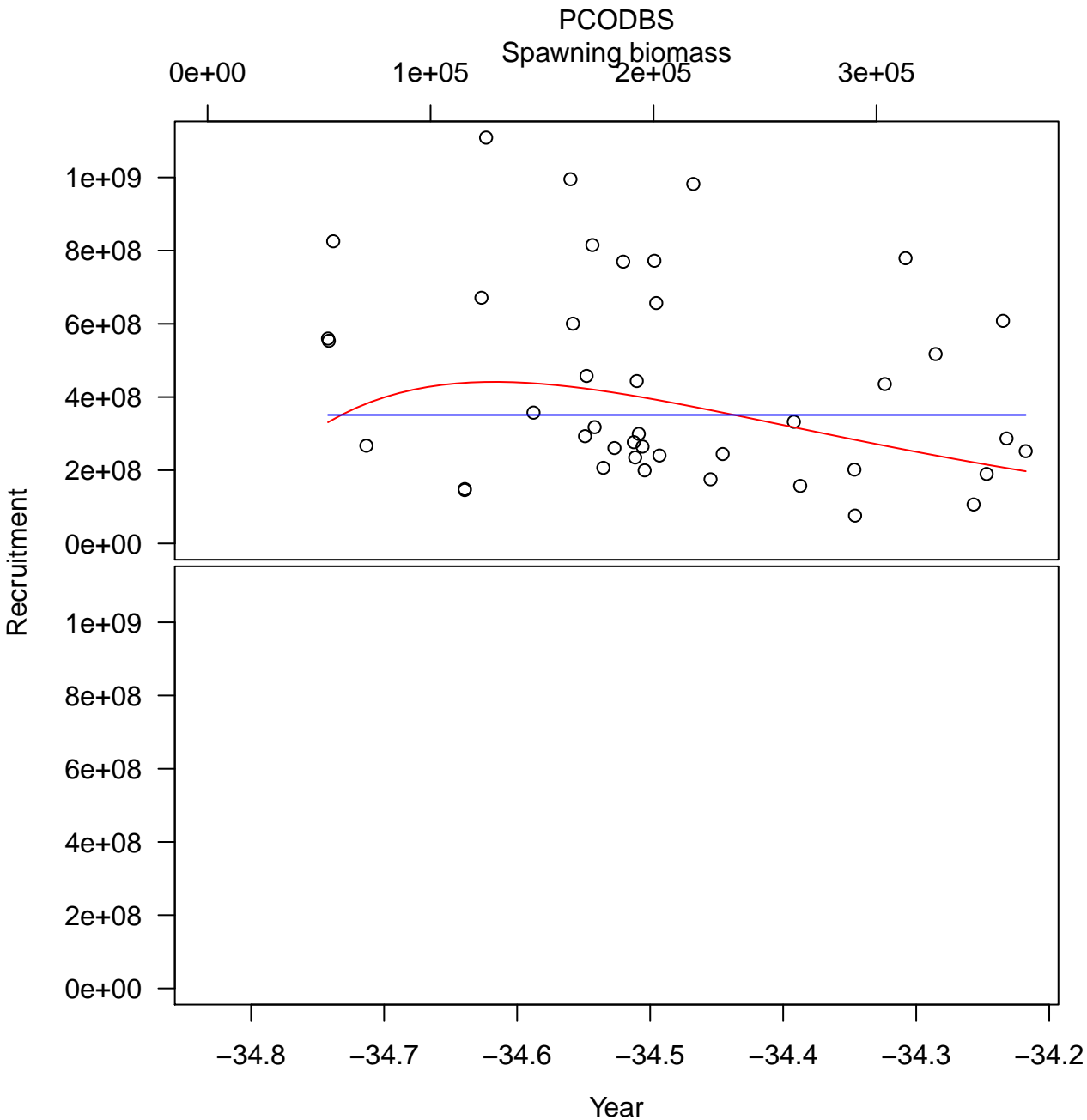
-34.20

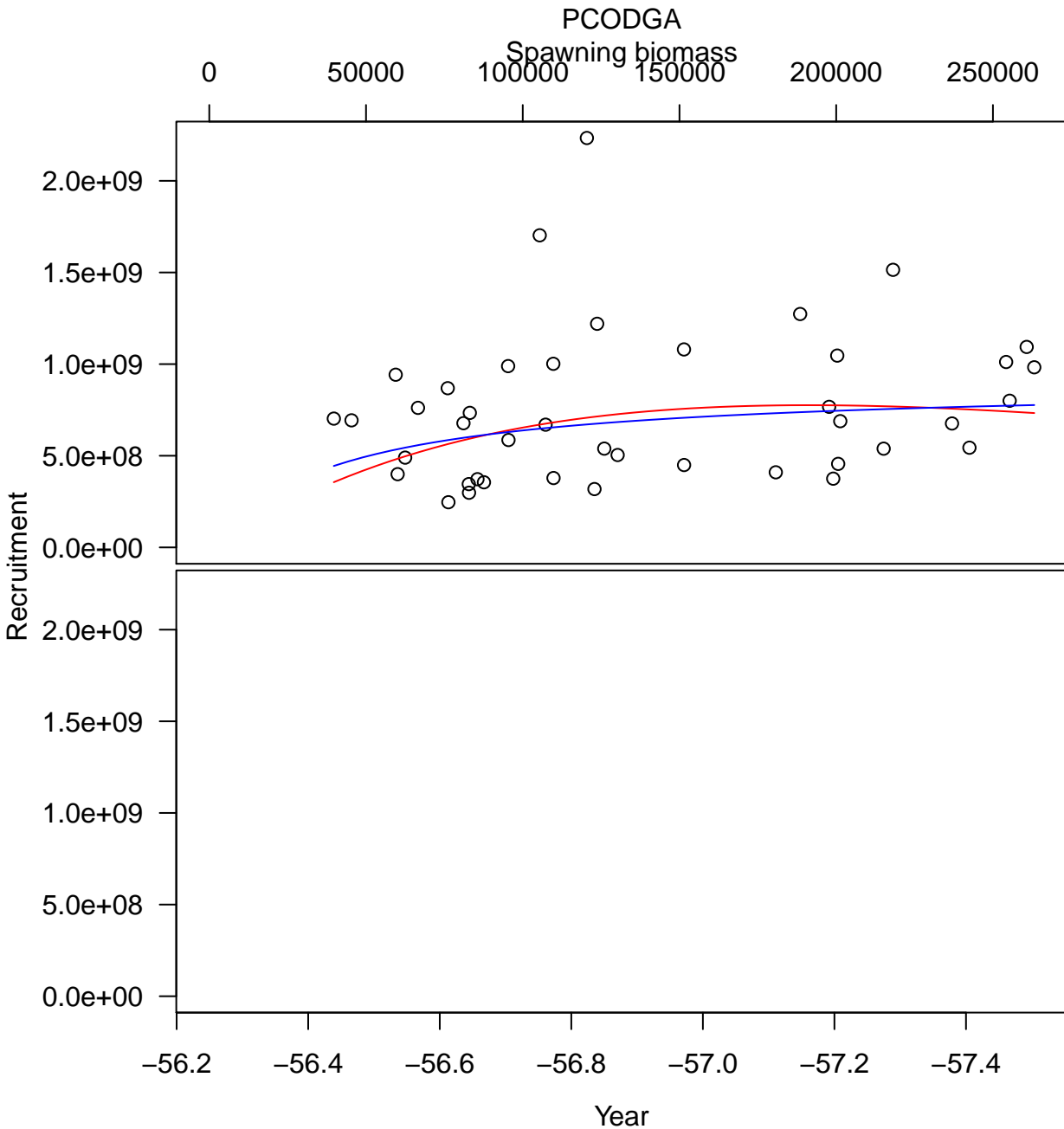
Year

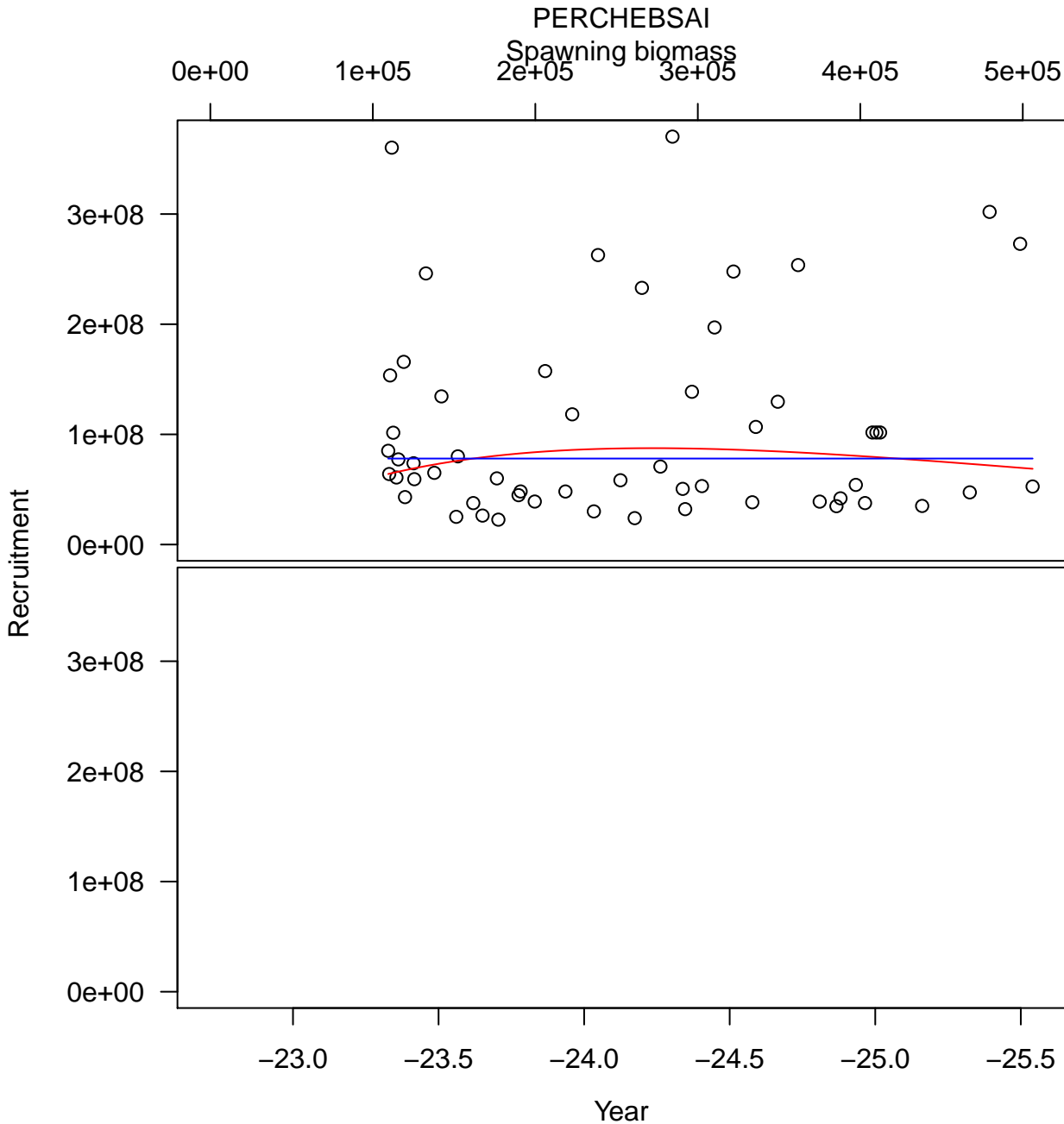


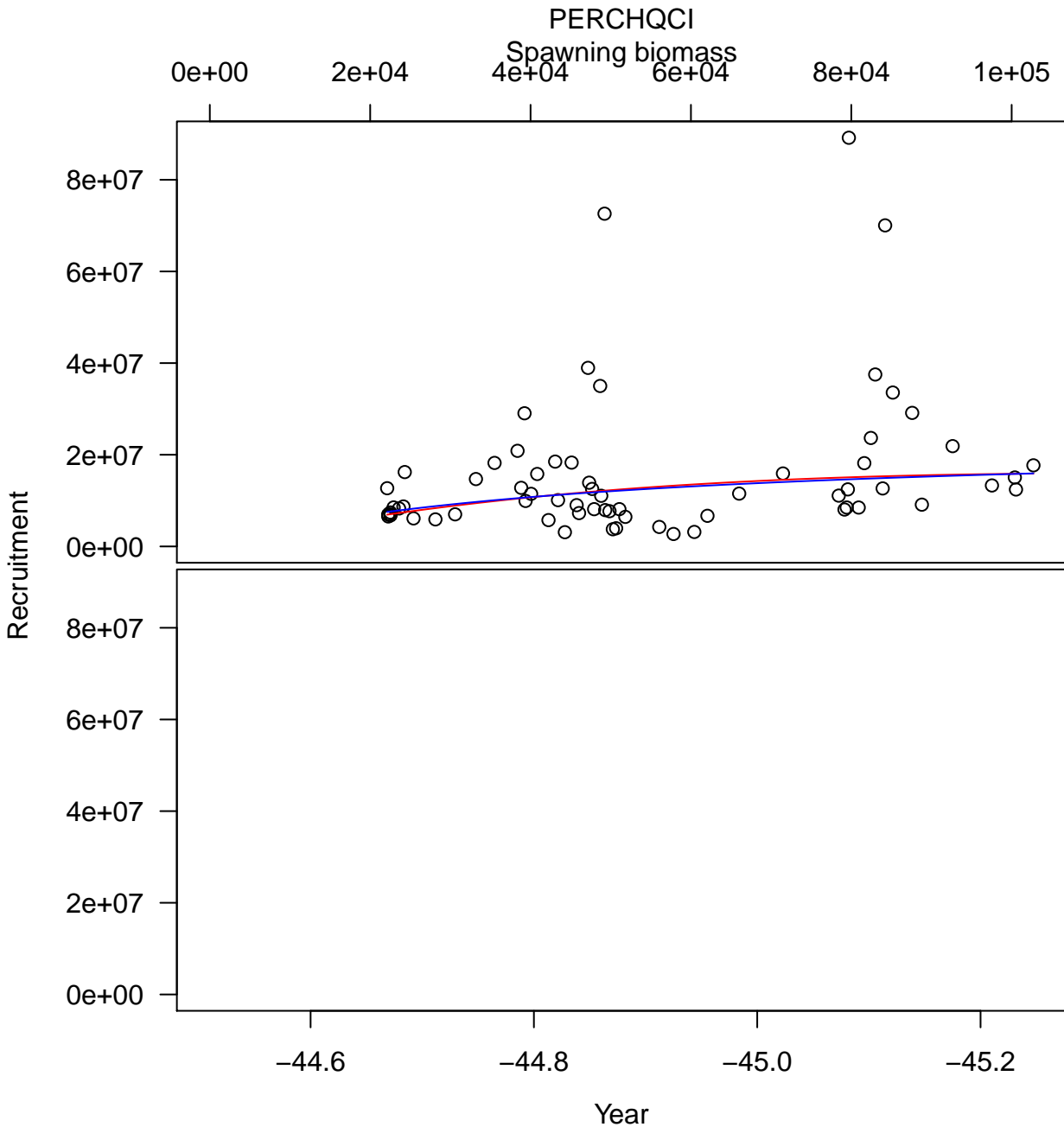












PERCHWCVANI
Spawning biomass

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

-102.6

-102.4

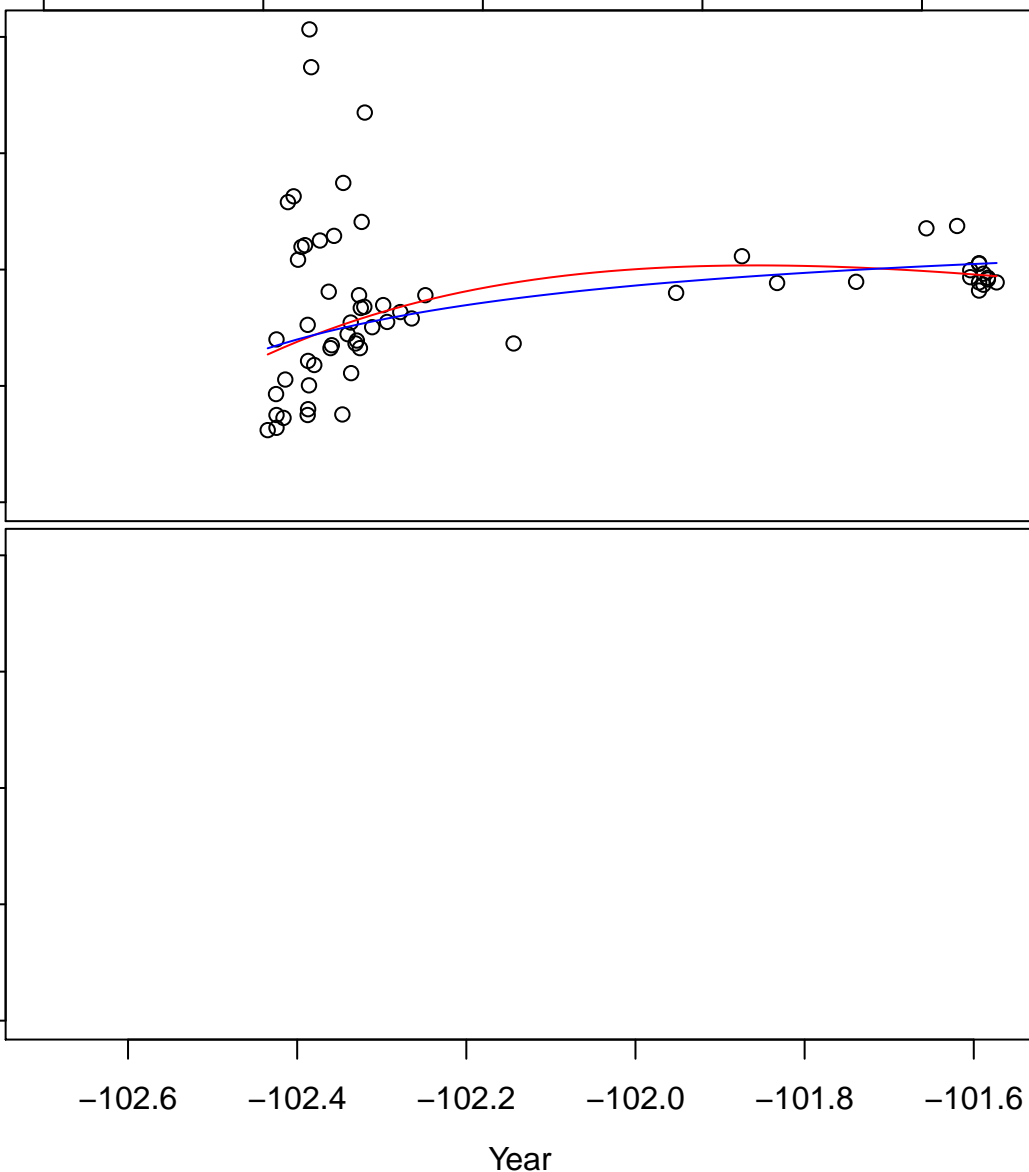
-102.2

-102.0

-101.8

-101.6

Year



PHAKEPCOAST

Spawning biomass

0

500000

1000000

1500000

2000000

2500000

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

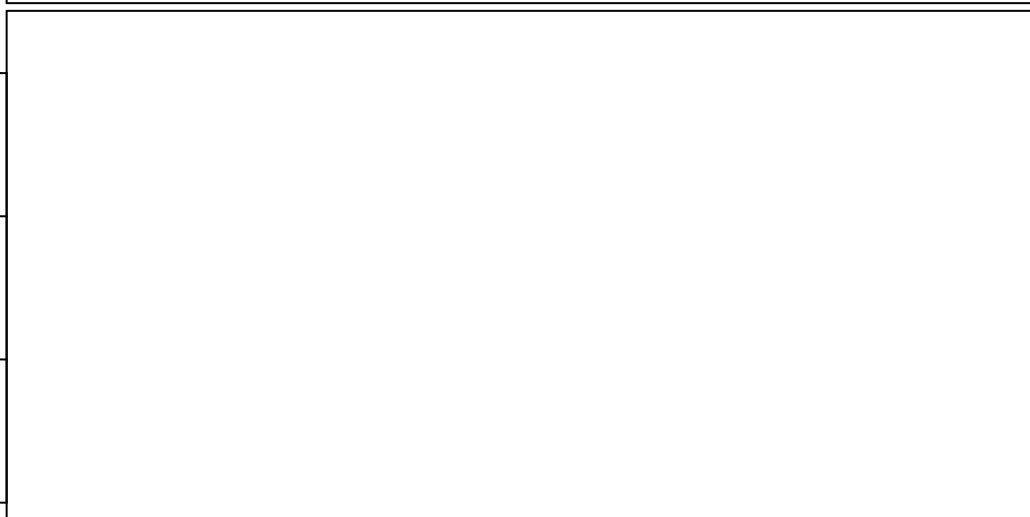
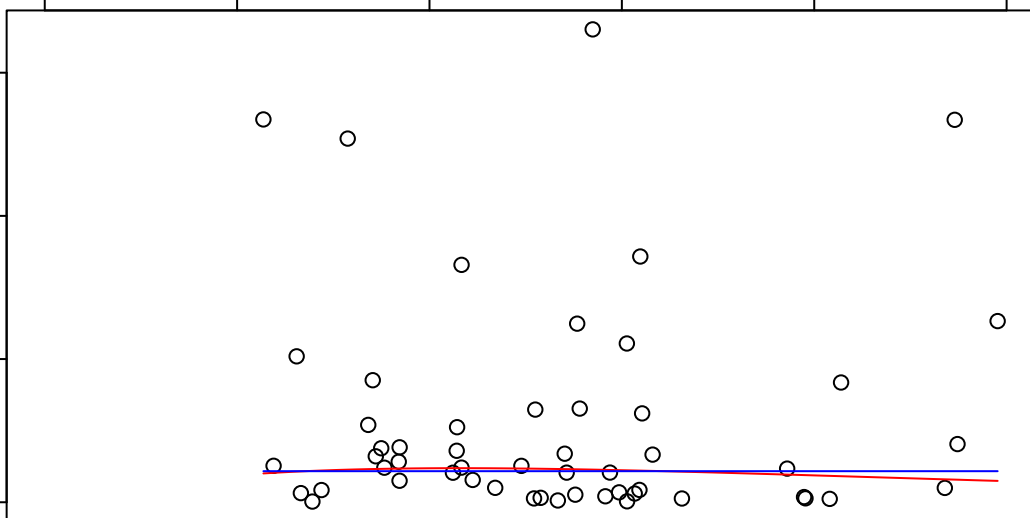
48.4

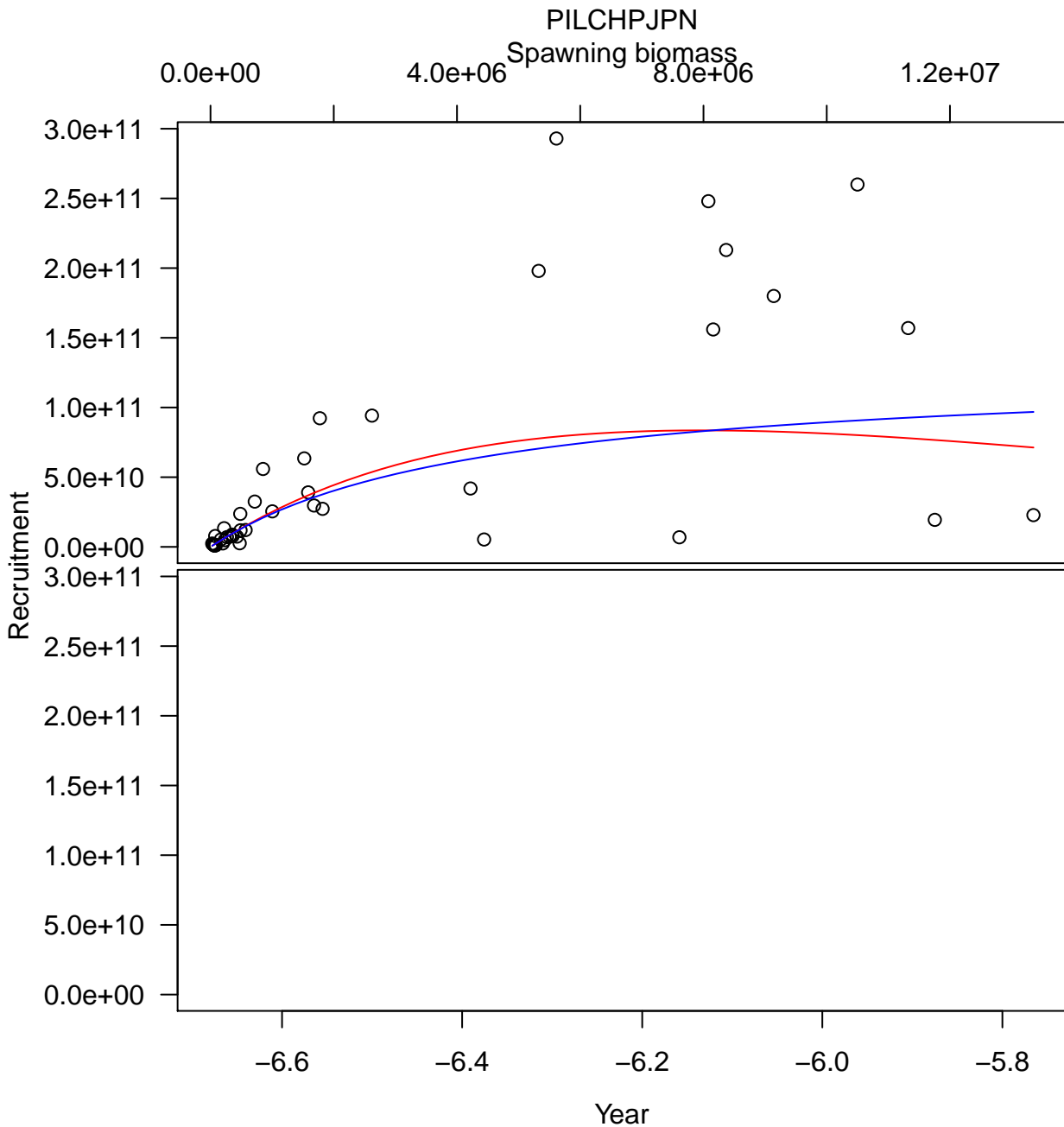
48.2

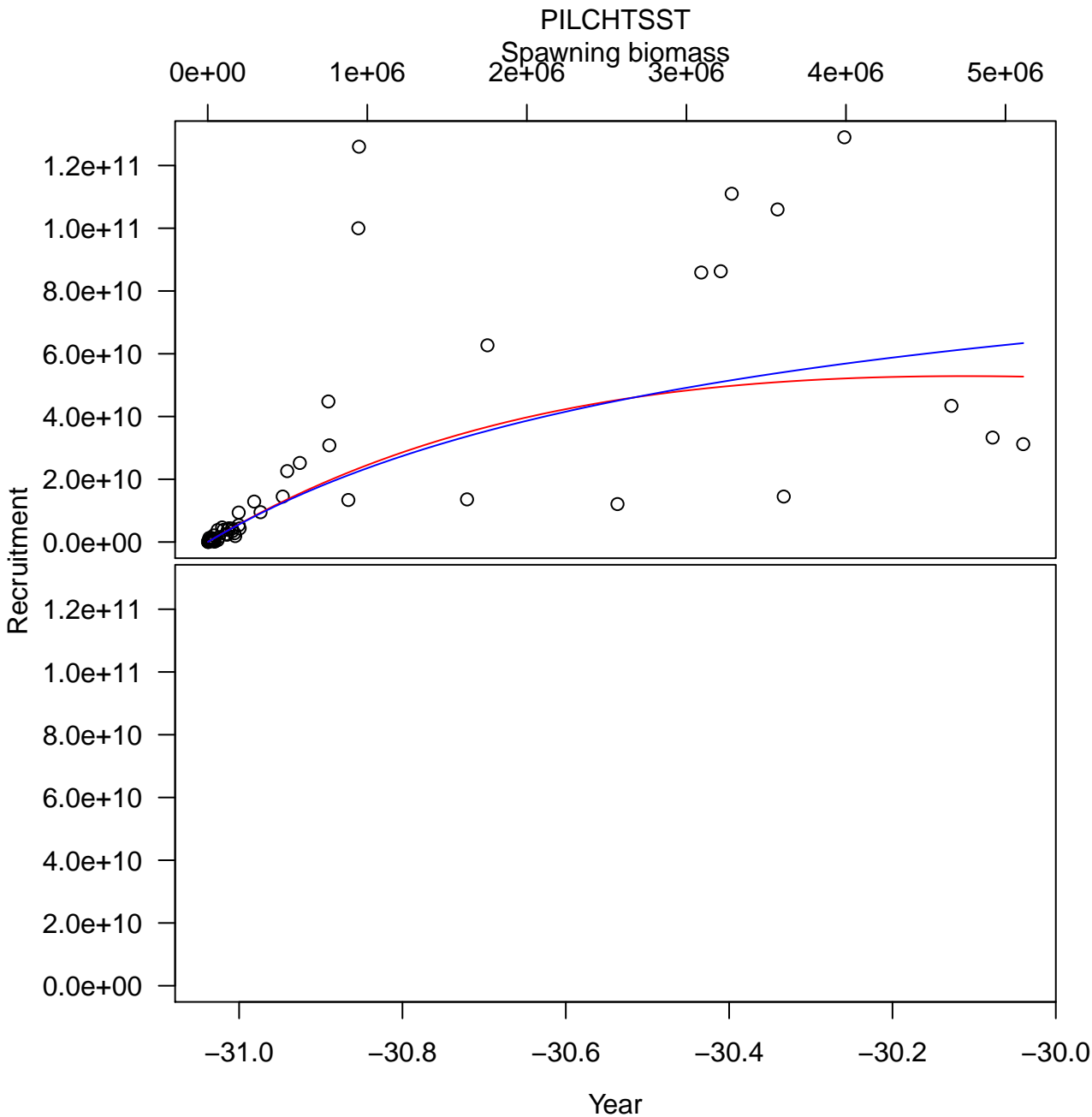
48.0

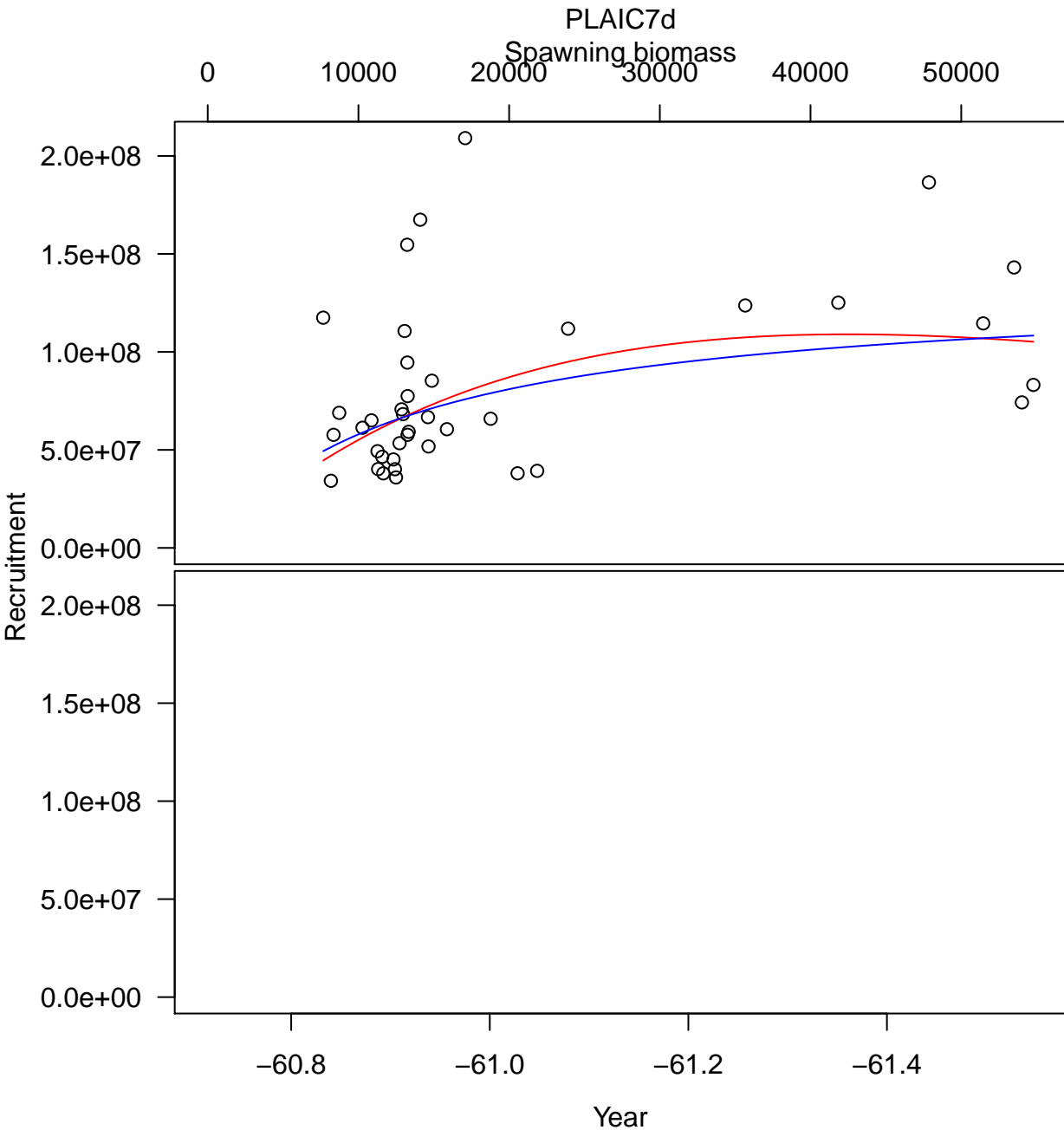
47.8

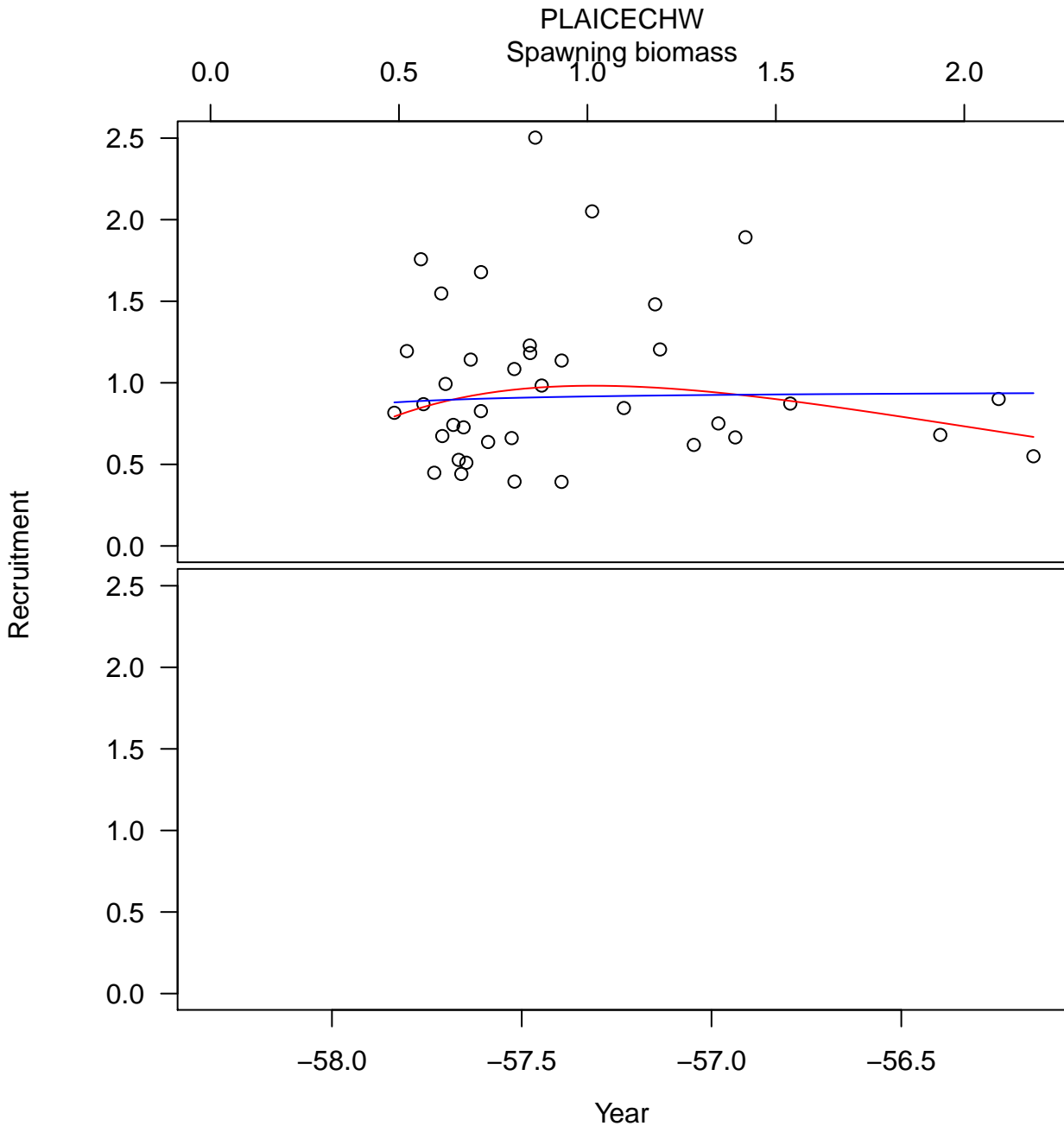
Year











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

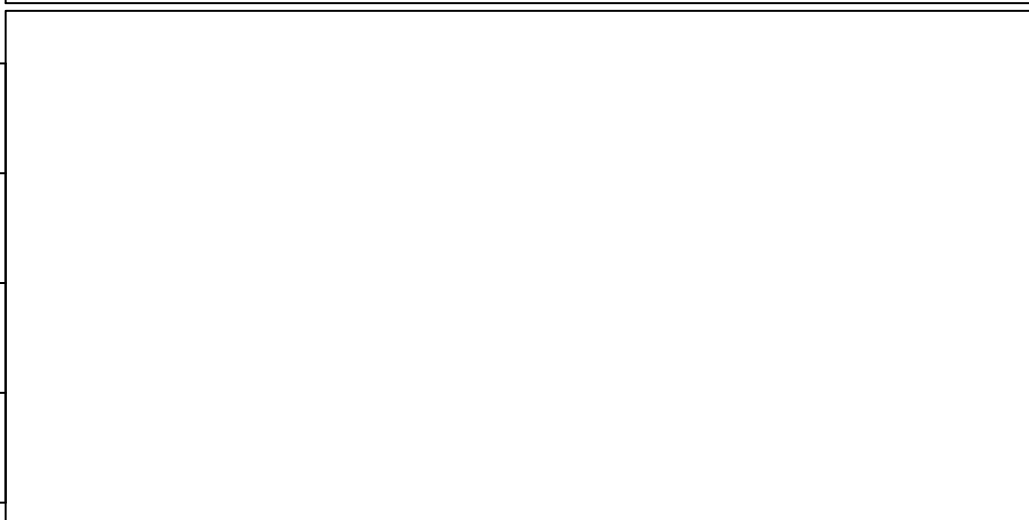
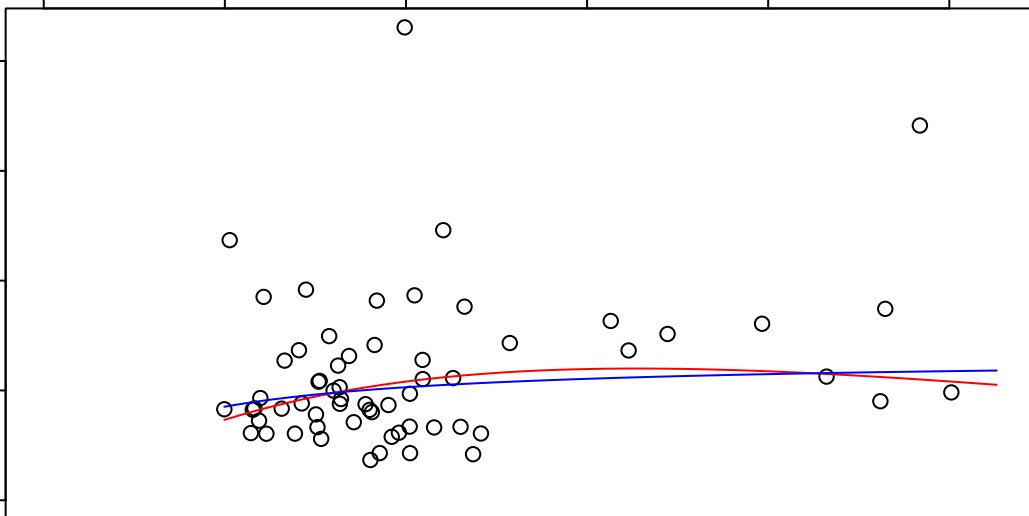
-88.5

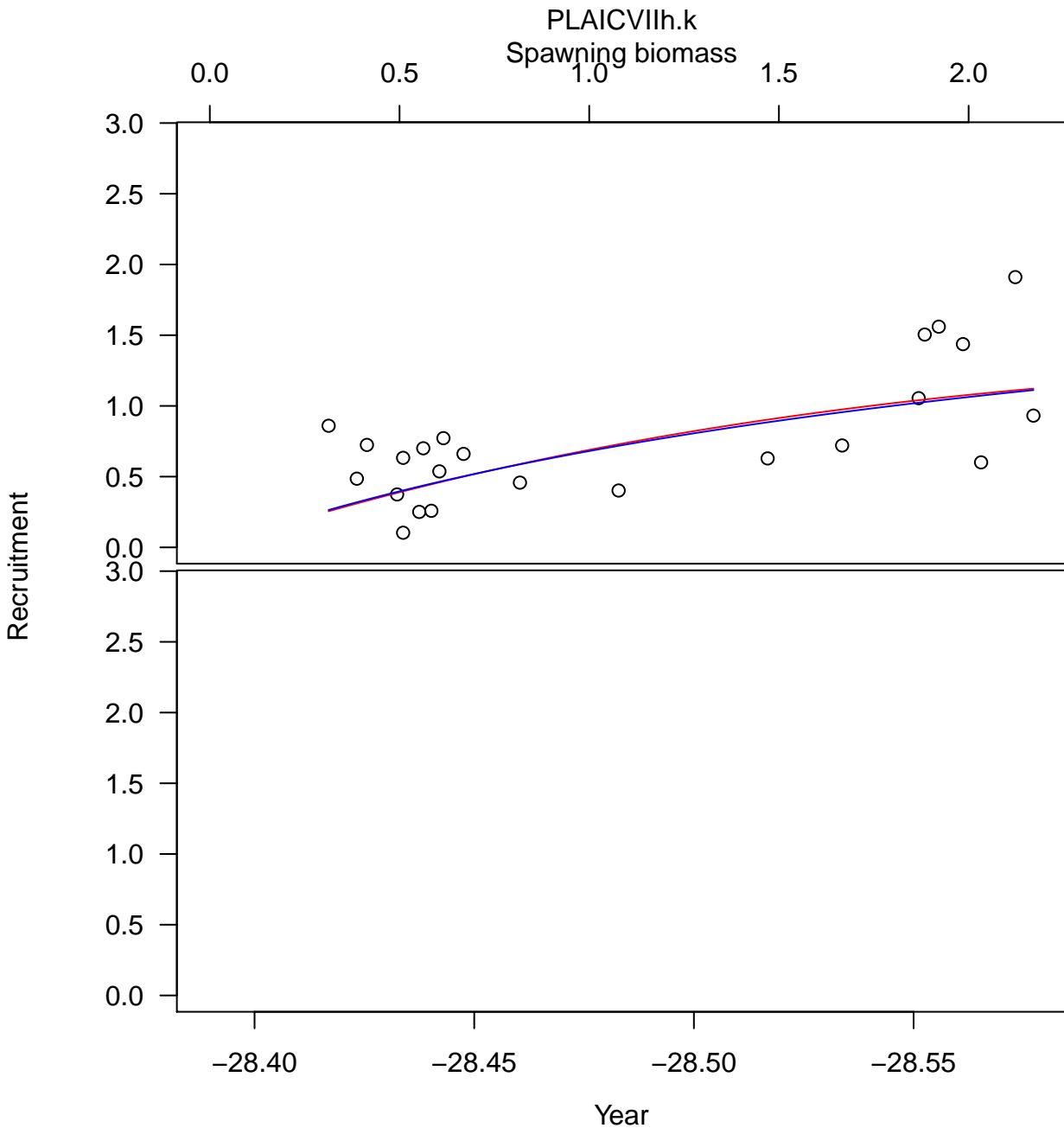
-89.0

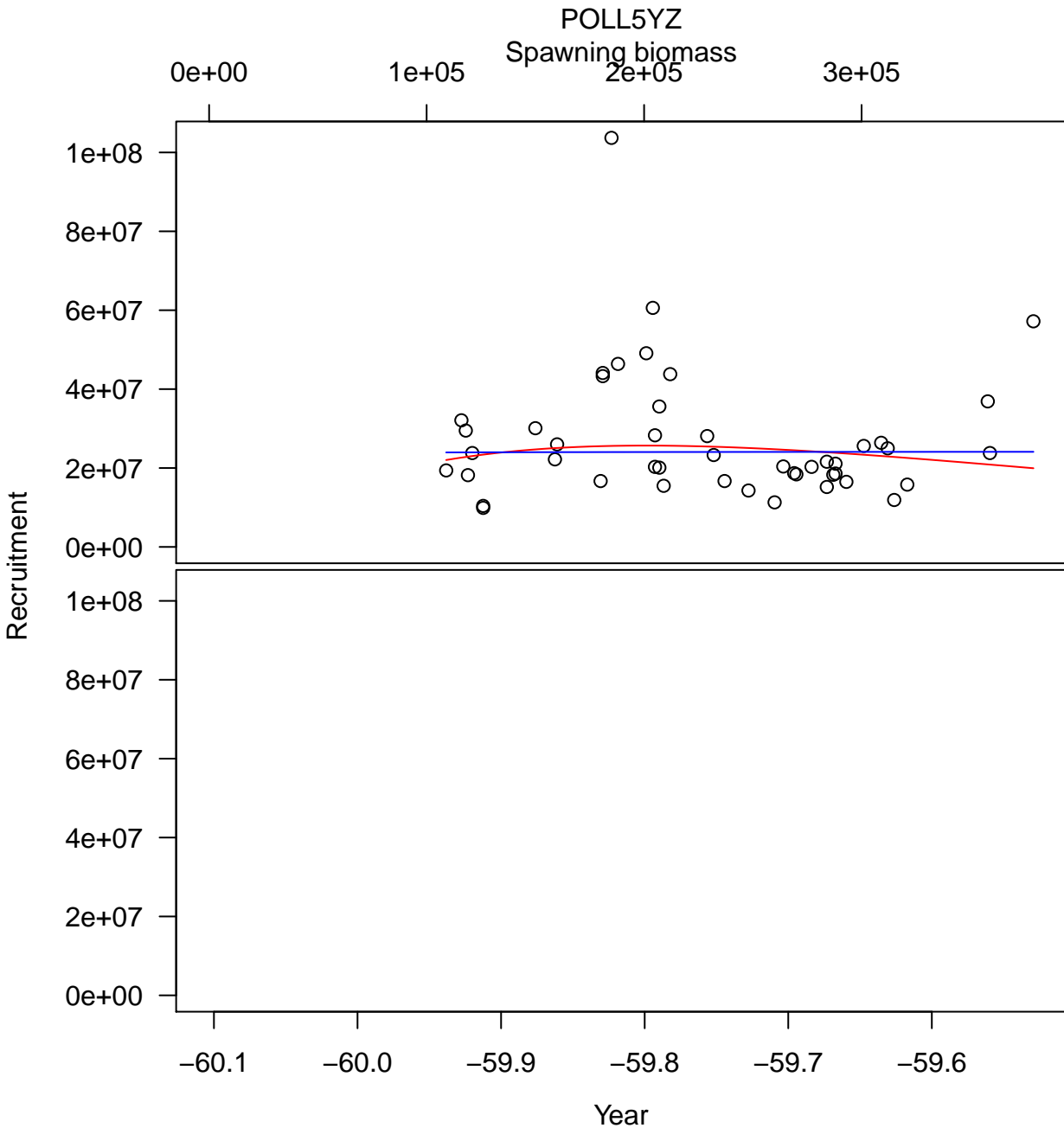
-89.5

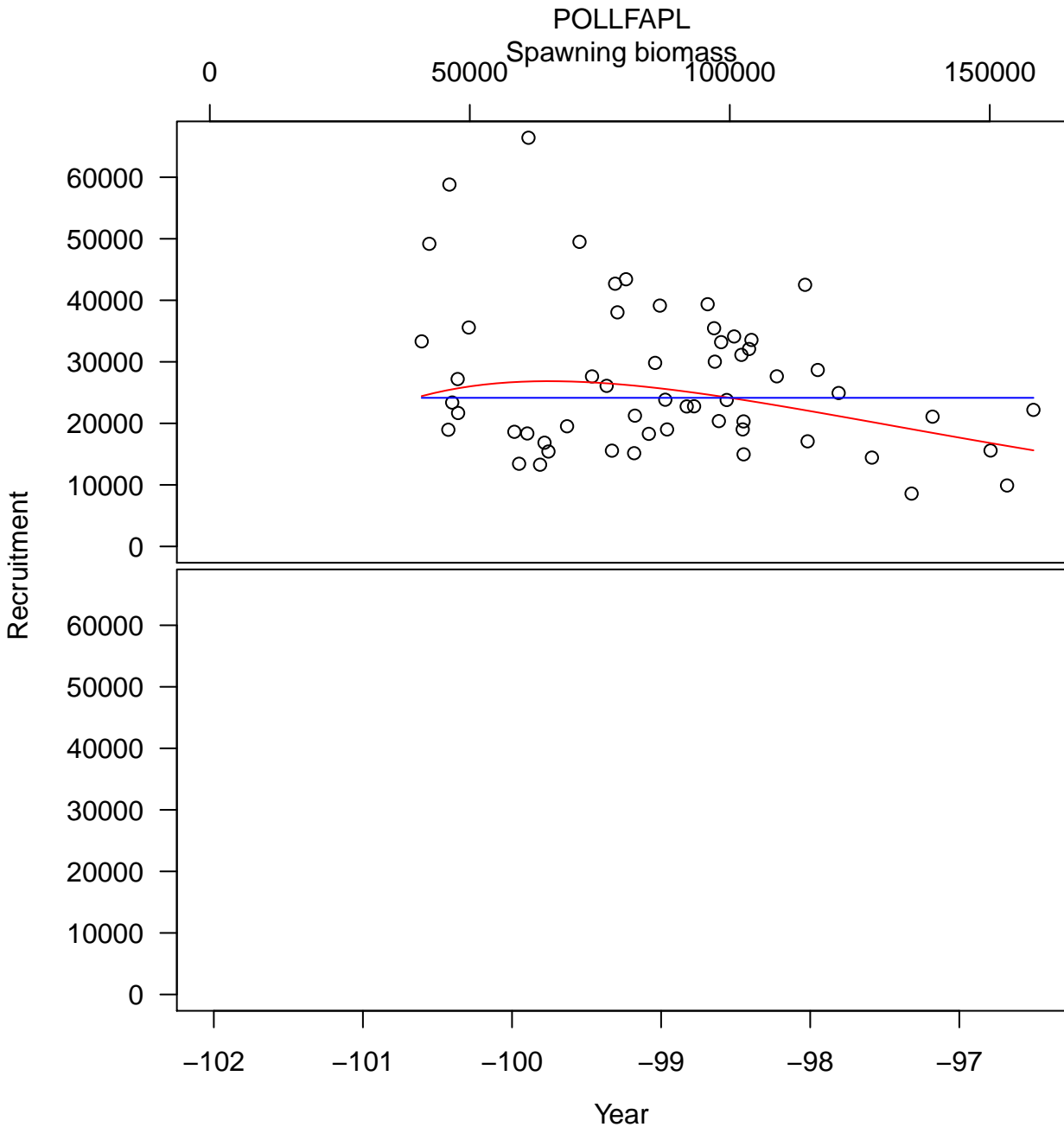
-90.0

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

-44.53

-44.52

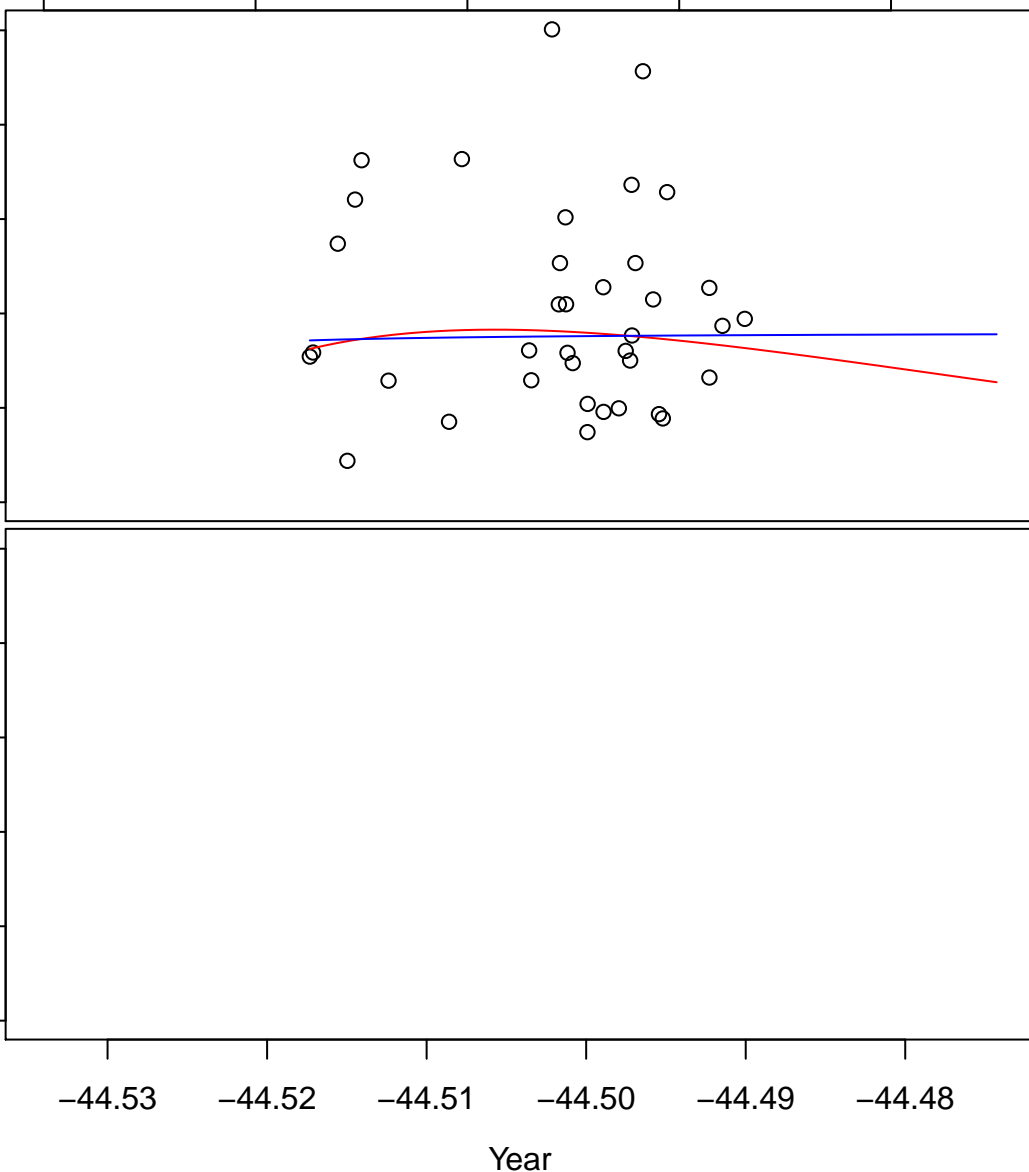
-44.51

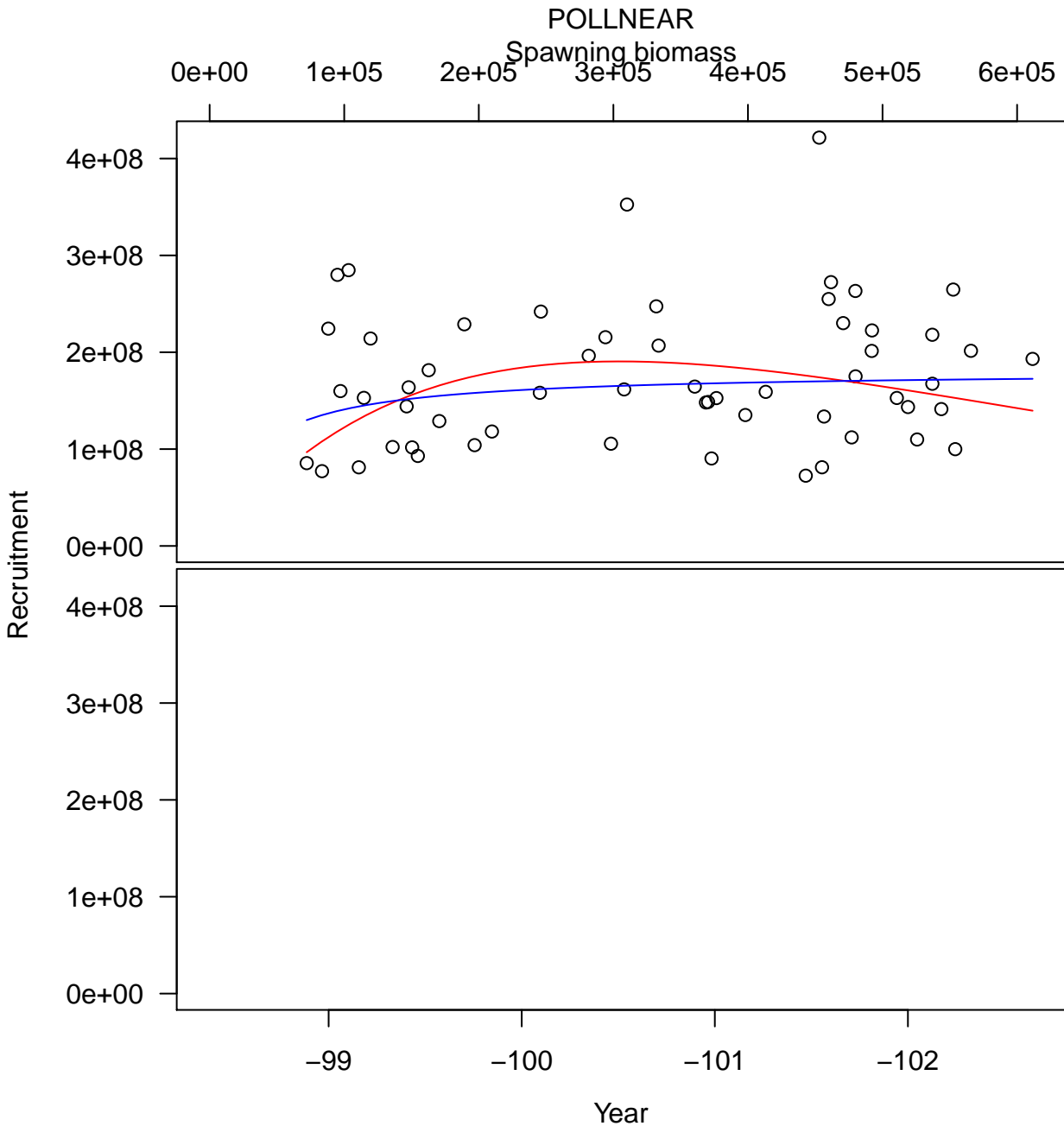
-44.50

-44.49

-44.48

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

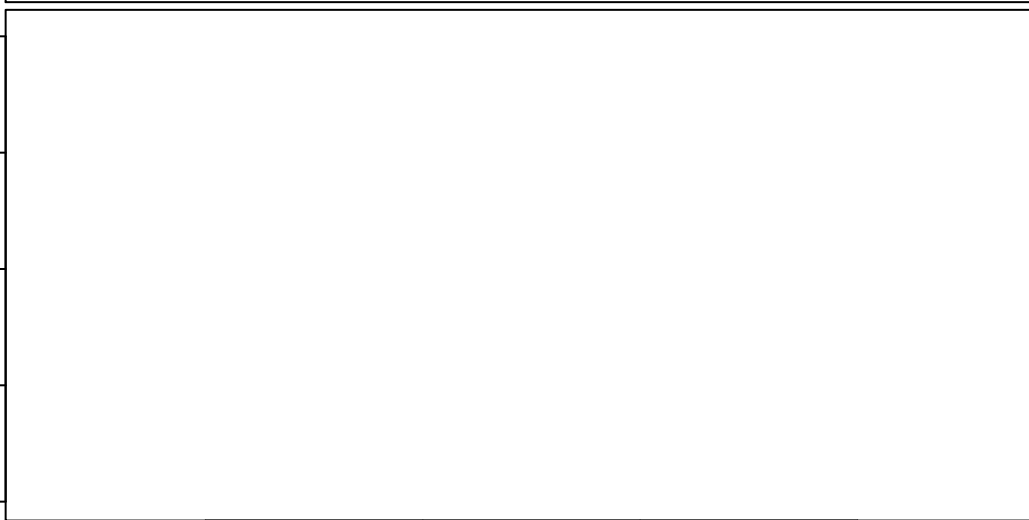
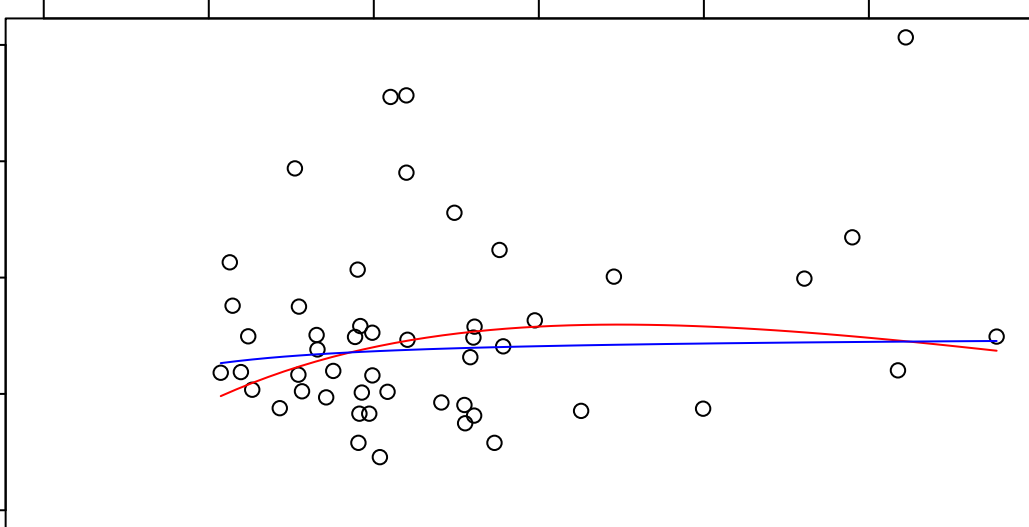
-67

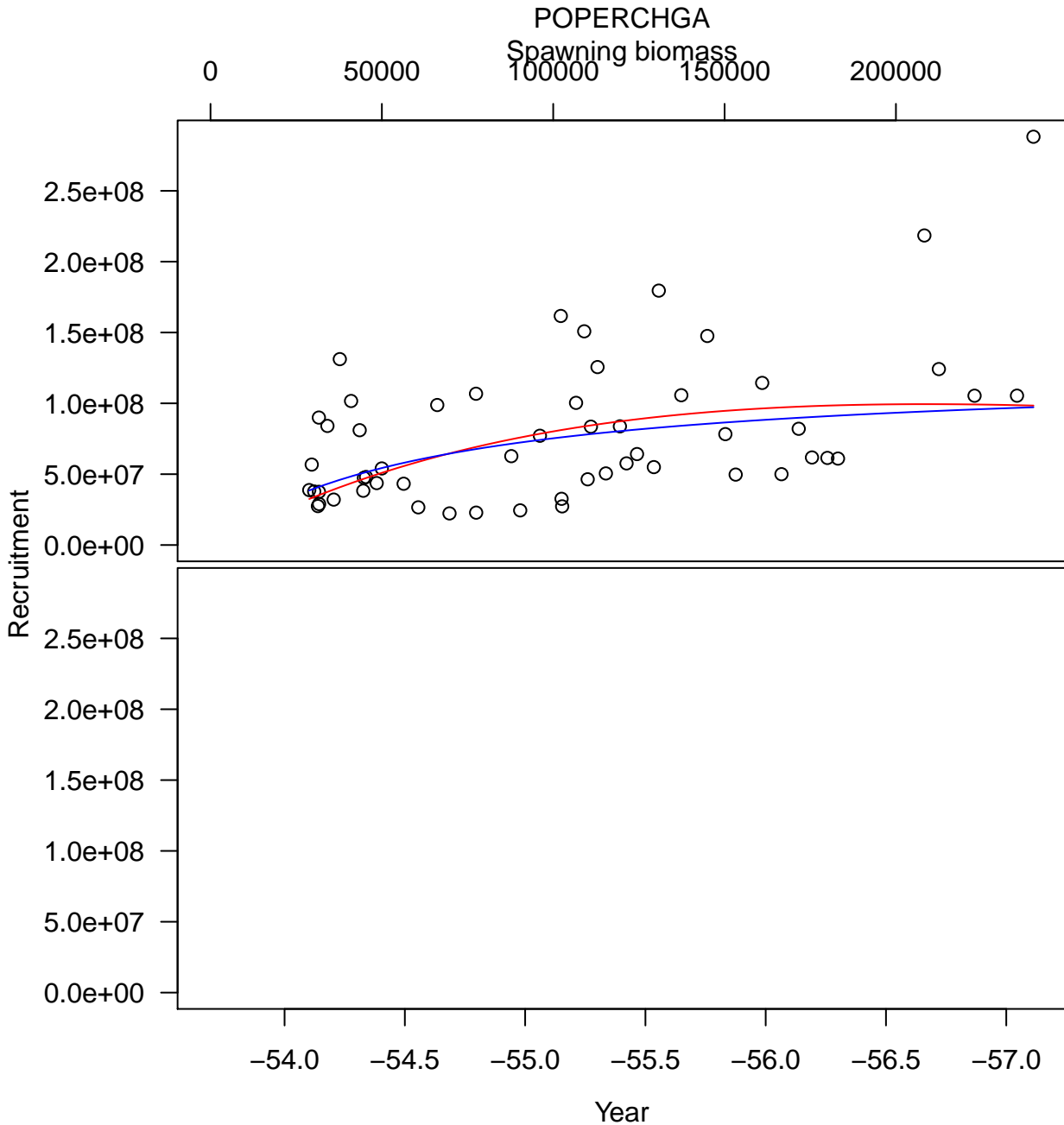
-68

-69

-70

Year

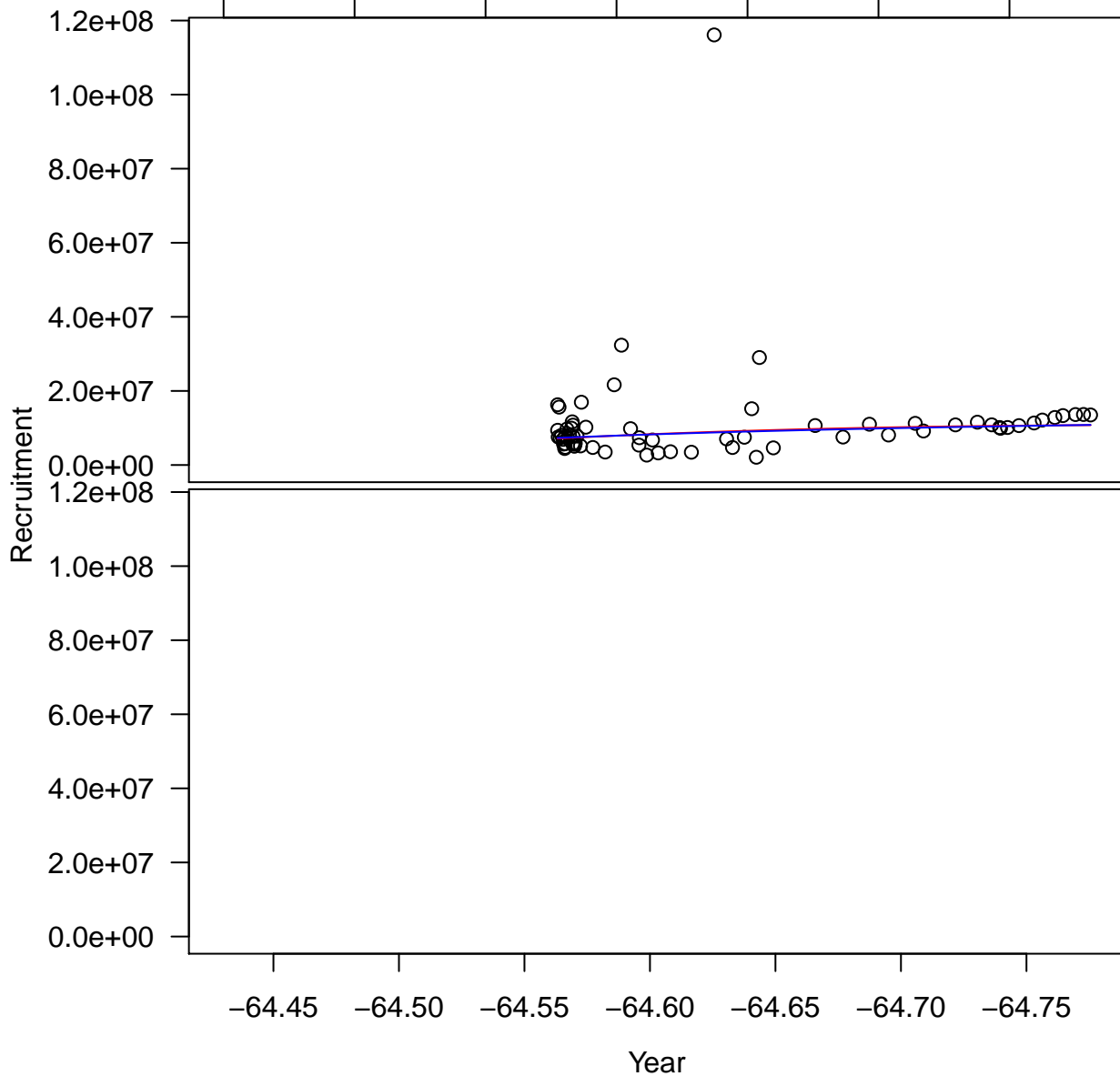




POPERCHPCOAST

Spawning biomass

0 1000 2000 3000 4000 5000 6000



PTOOTHFISHMI
Spawning biomass

0

1000

2000

3000

Recruitment

1200000

1000000

800000

600000

400000

200000

0

1200000

1000000

800000

600000

400000

200000

0

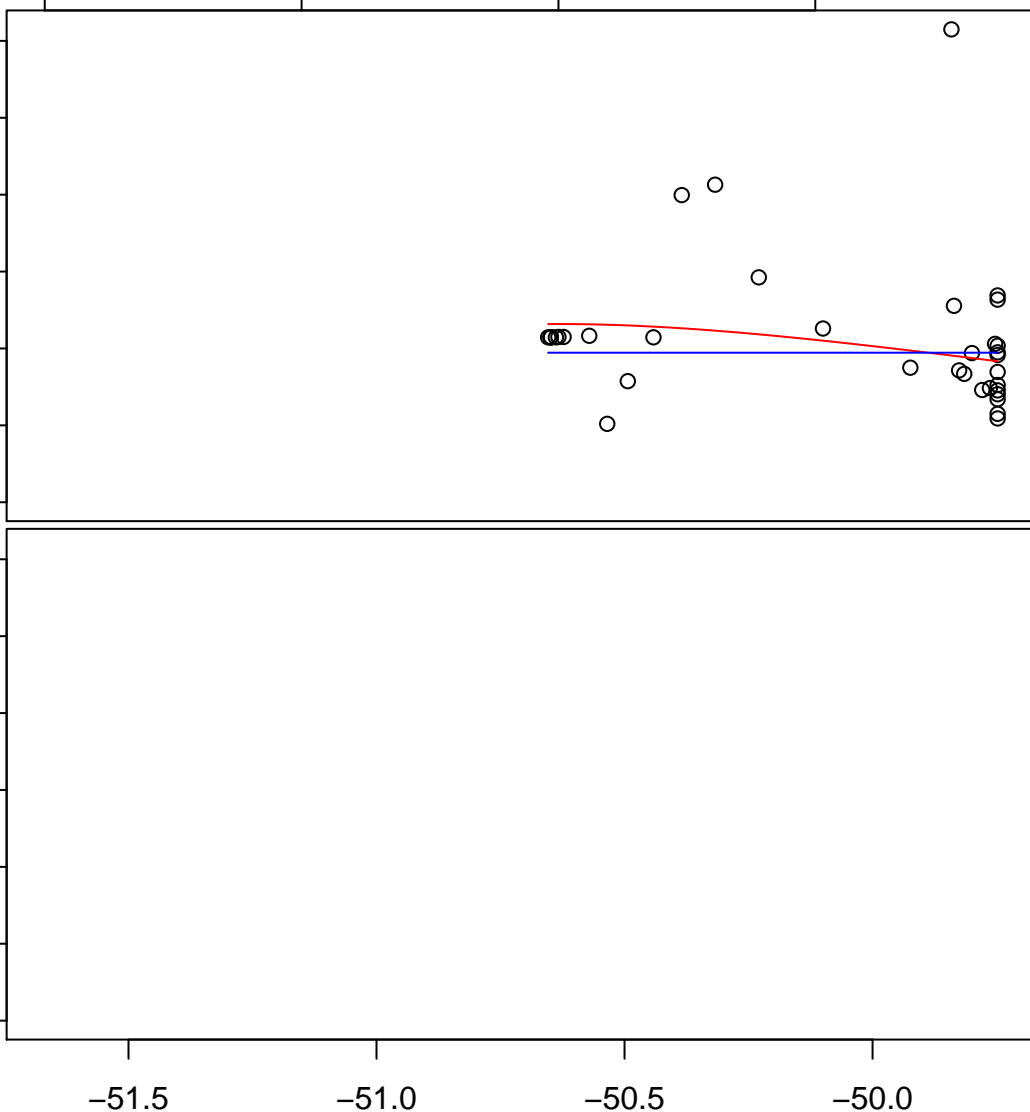
-51.5

-51.0

-50.5

-50.0

Year



PTOOTHFISHPEI

Spawning biomass

0

10000

20000

30000

40000

6e+12

5e+12

4e+12

3e+12

2e+12

1e+12

0e+00

Recruitment

6e+12

5e+12

4e+12

3e+12

2e+12

1e+12

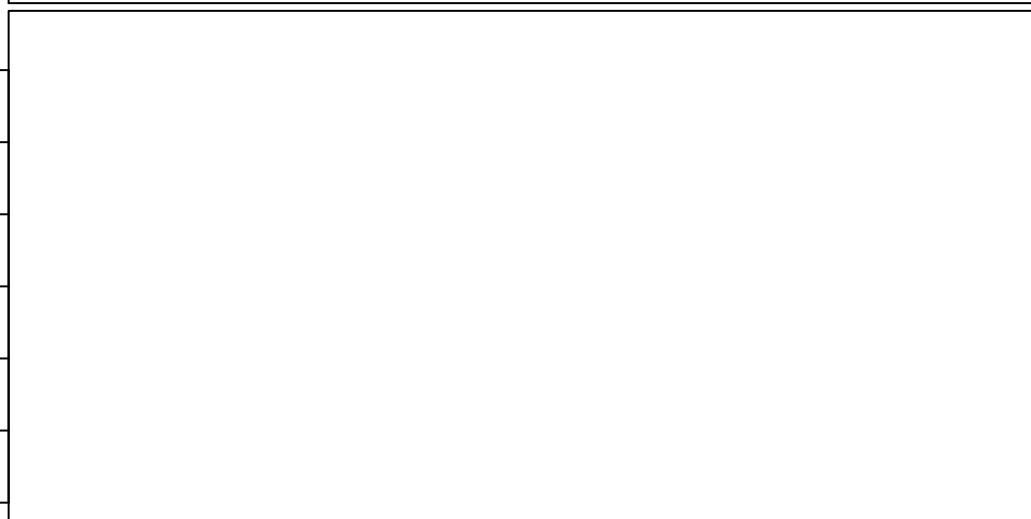
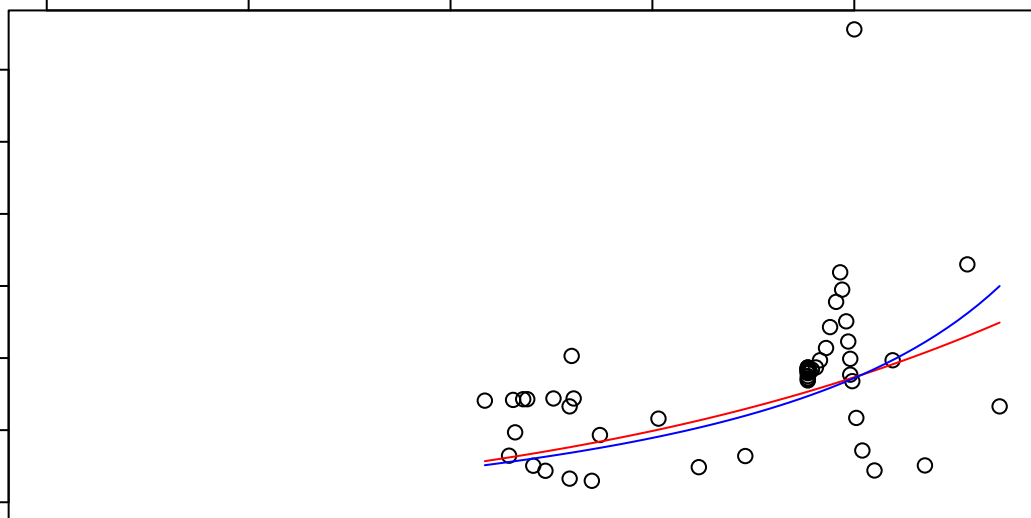
0e+00

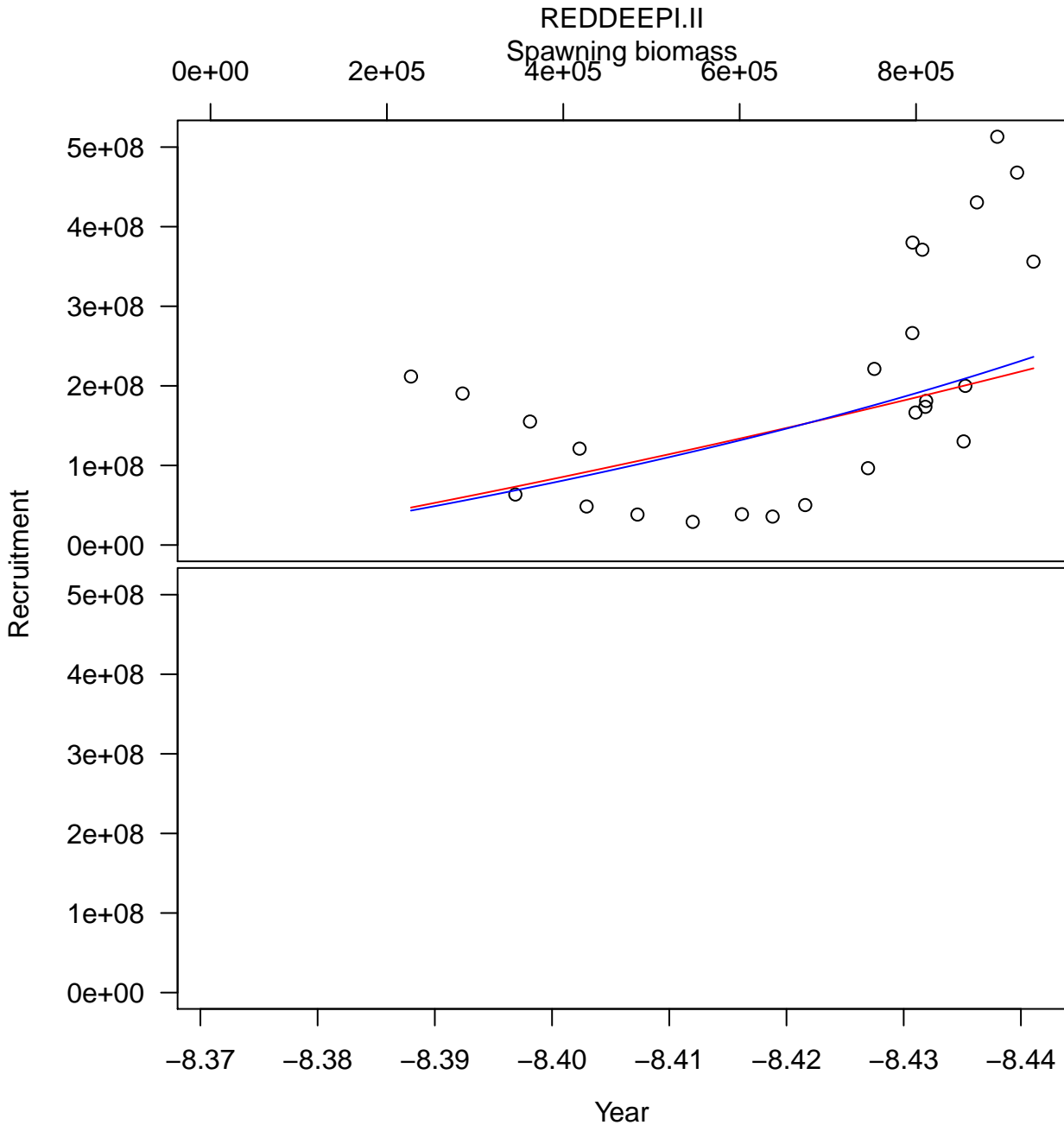
-44.0

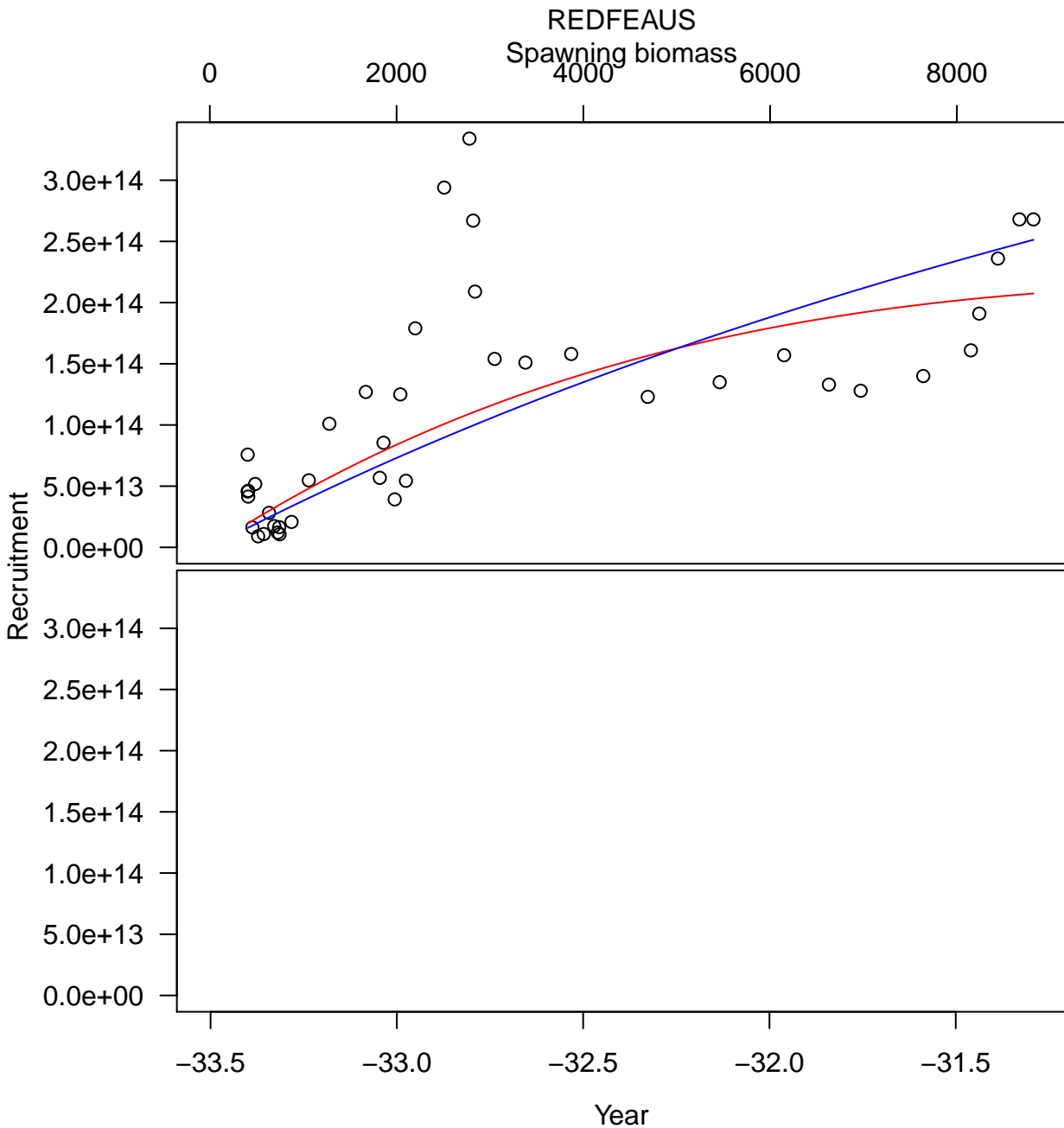
-43.5

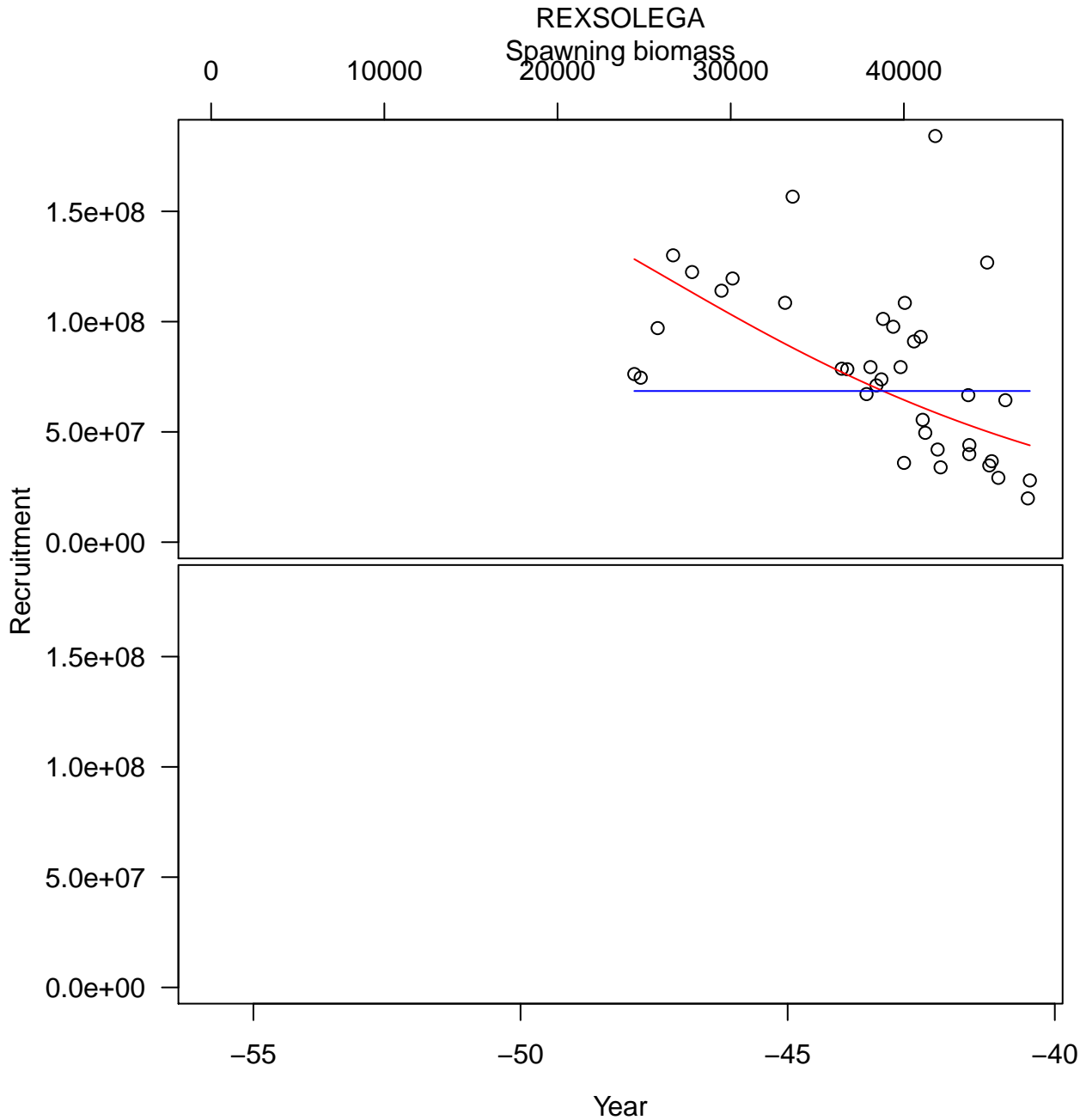
-43.0

Year









REYEROCKBSAI
Spawning biomass

0 1000 2000 3000 4000 5000 6000 7000

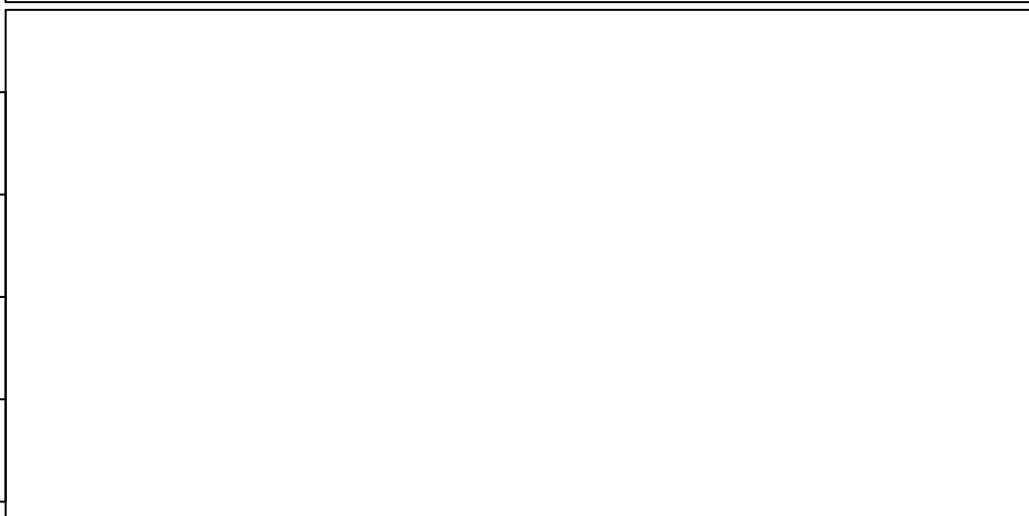
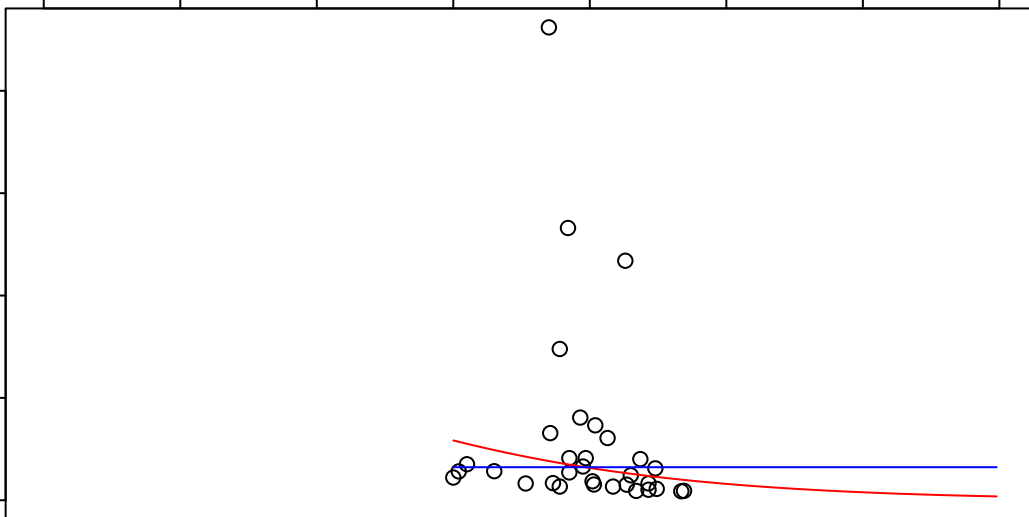
Recruitment

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

0.0 0.5 1.0 1.5 2.0 2.5

Year



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

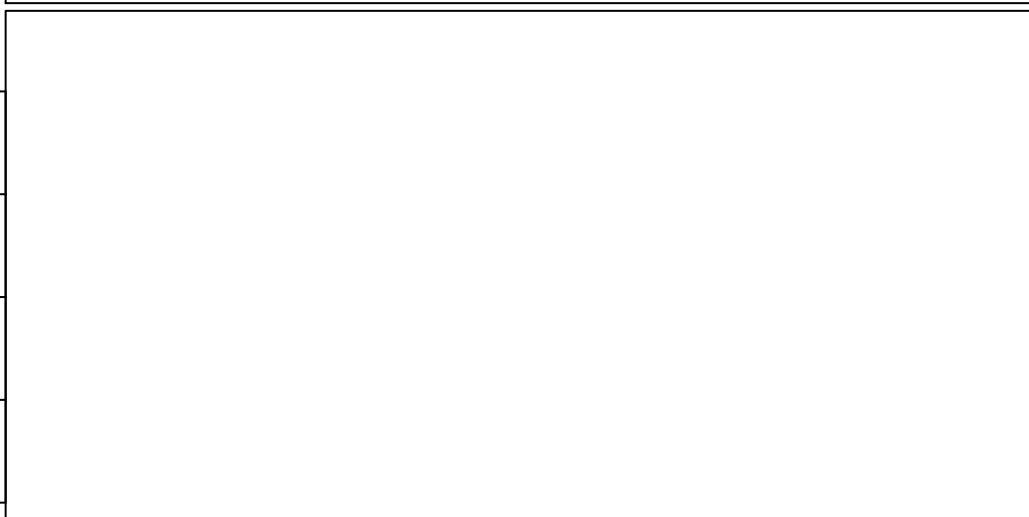
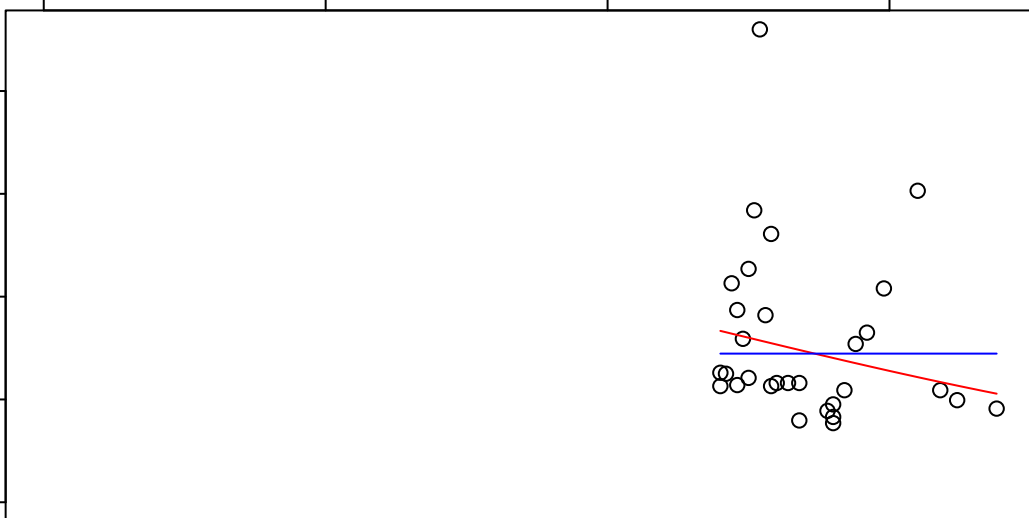
-41.0

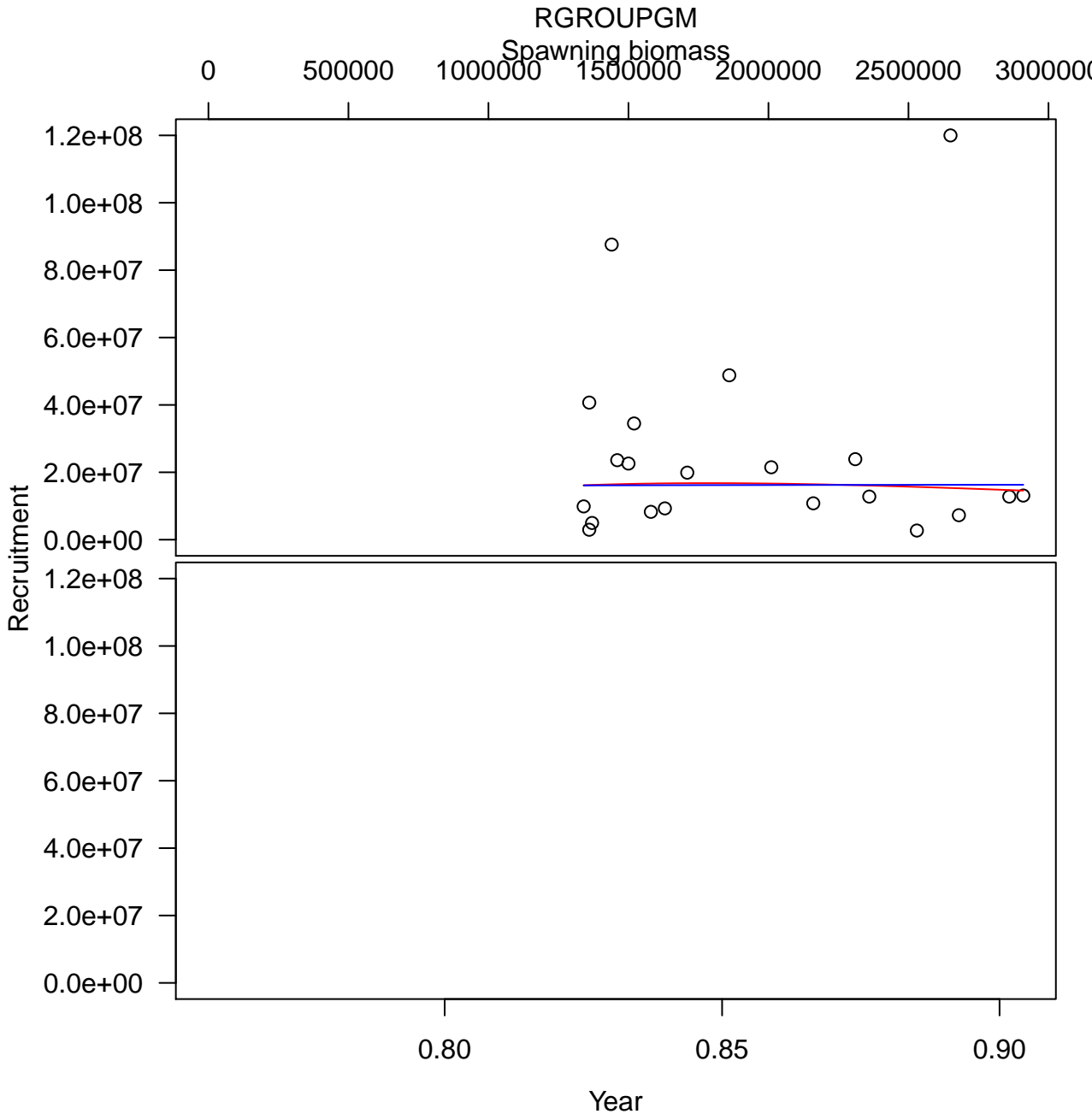
-40.5

-40.0

-39.5

Year

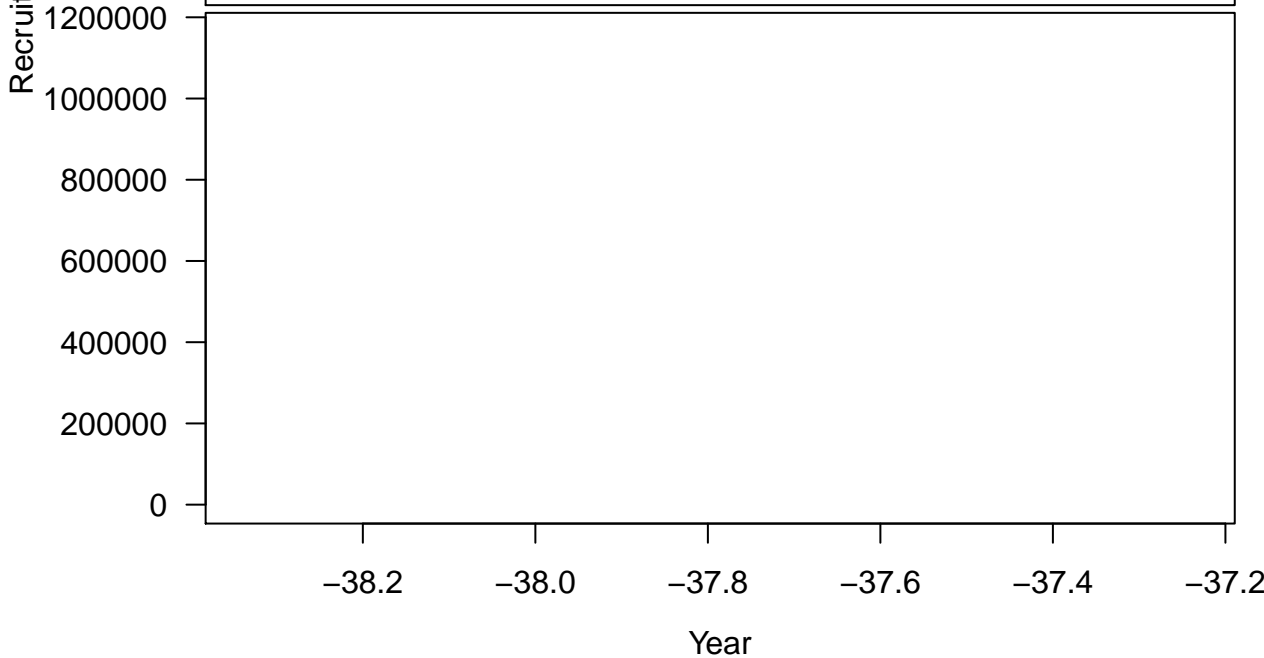
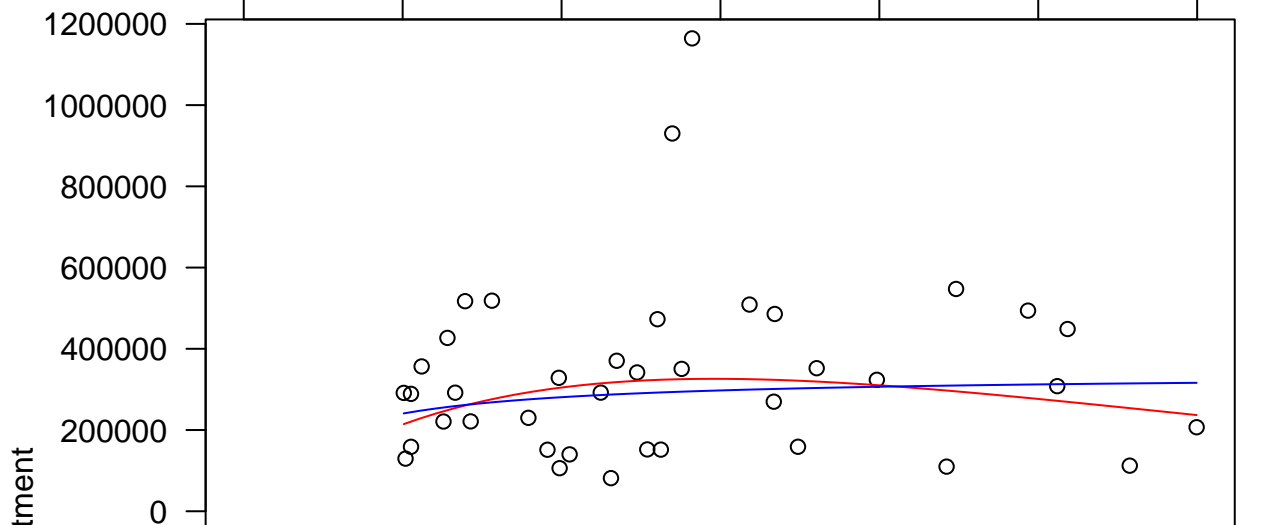


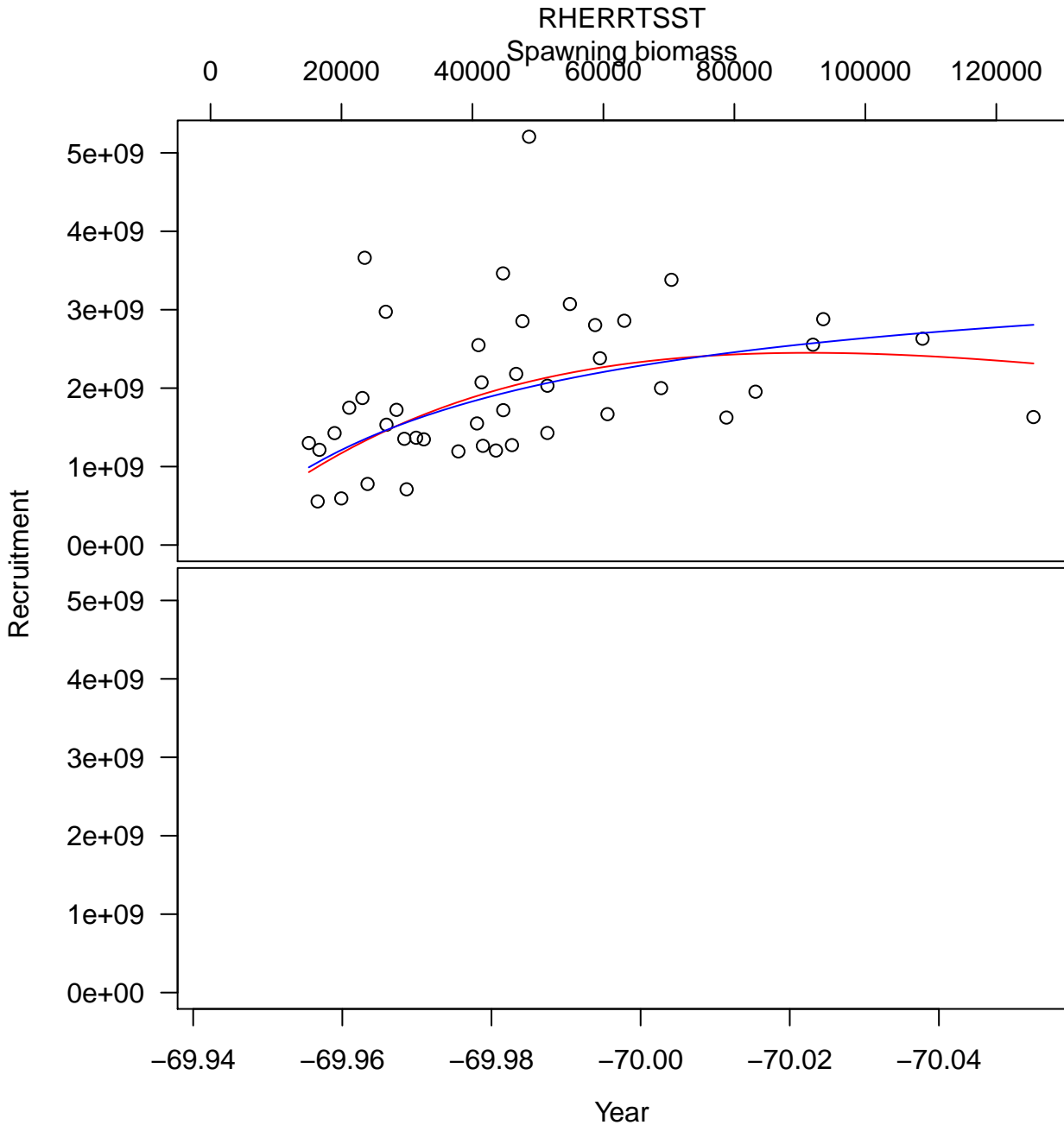


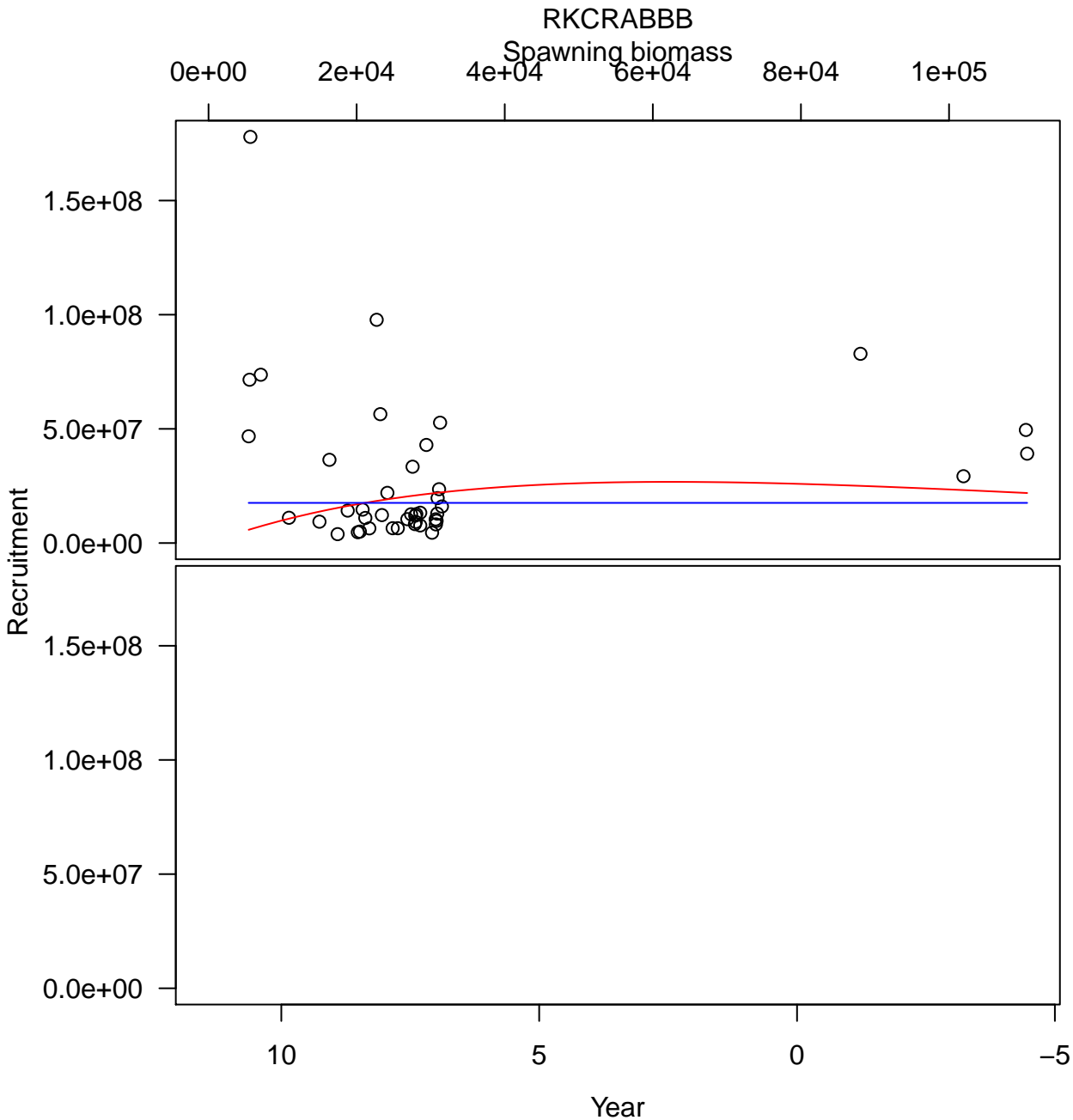
RGROUPSATL

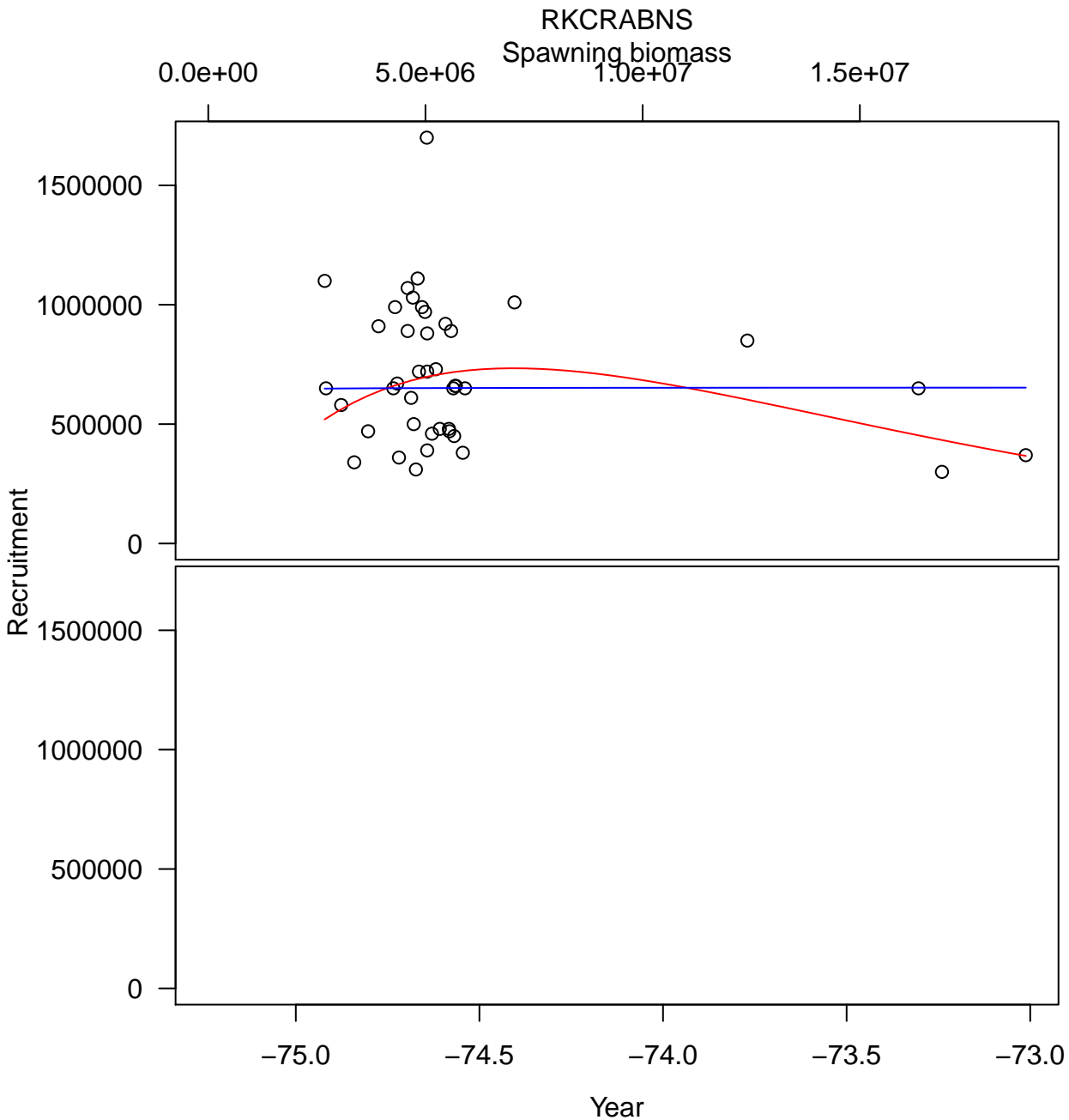
Spawning biomass

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

-29

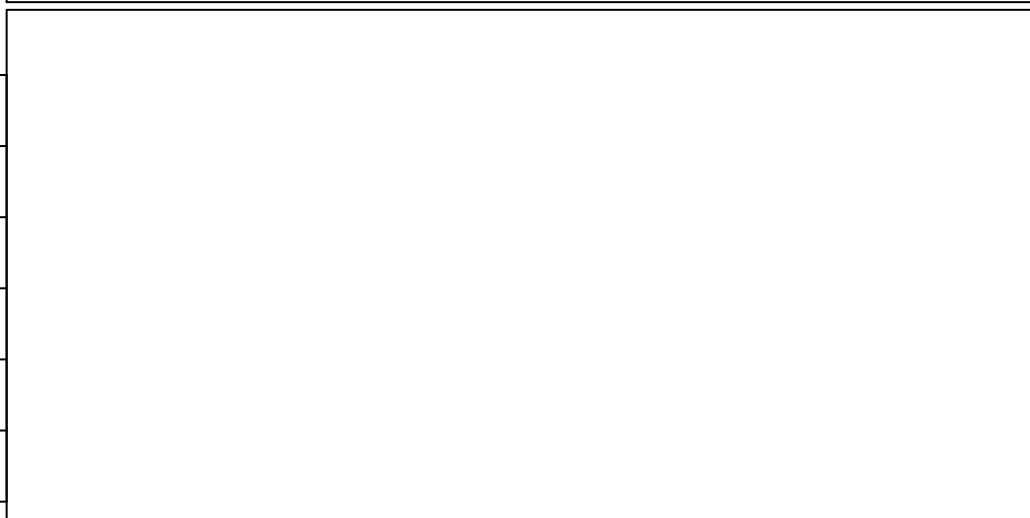
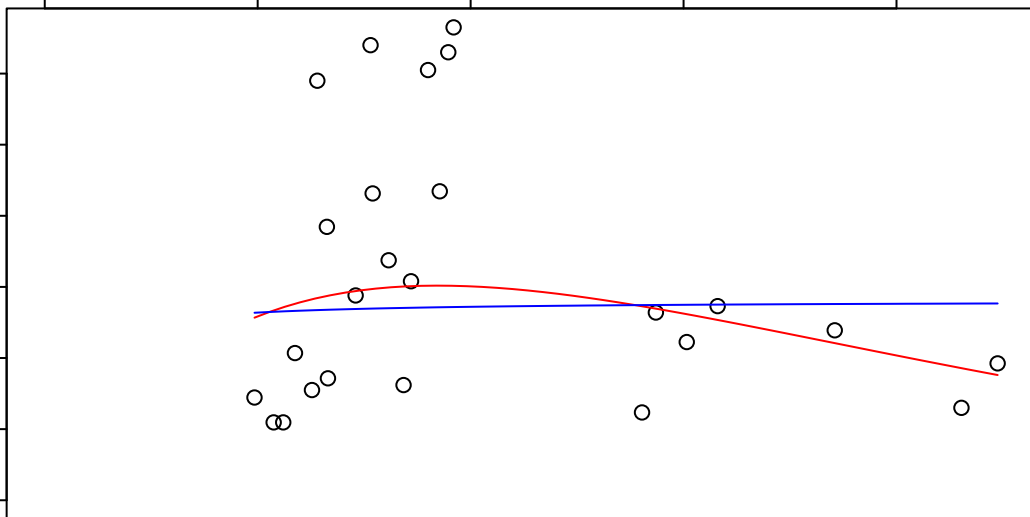
-28

-27

-26

-25

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

-26.8

-26.6

-26.4

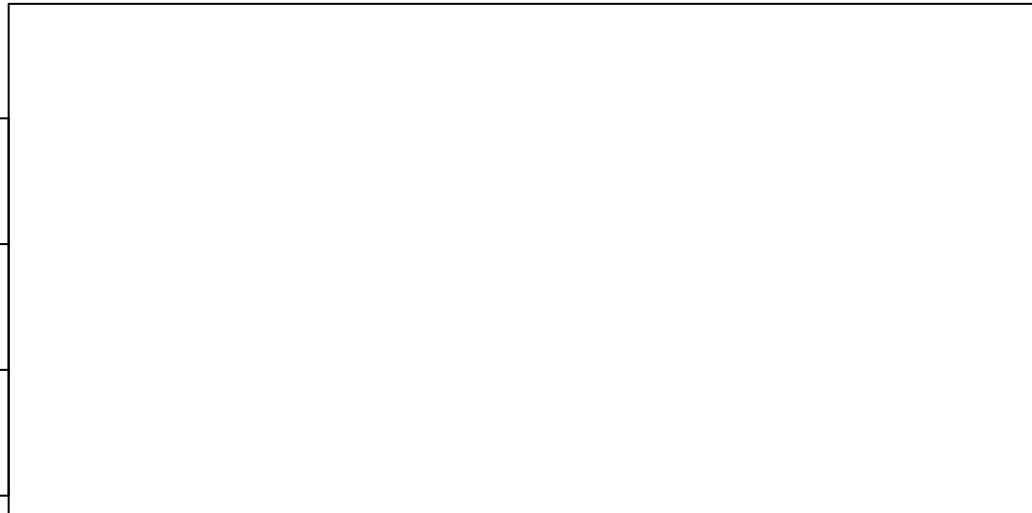
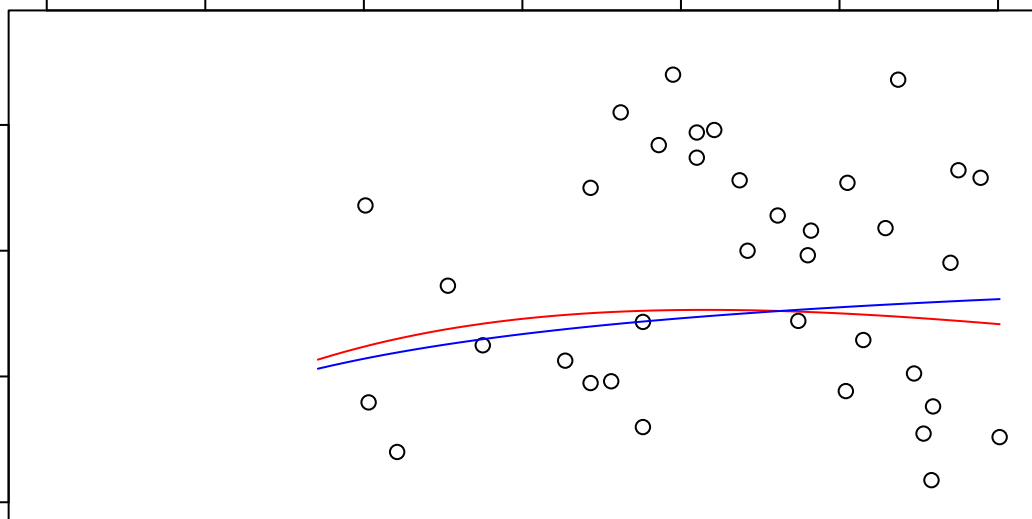
-26.2

-26.0

-25.8

-25.6

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

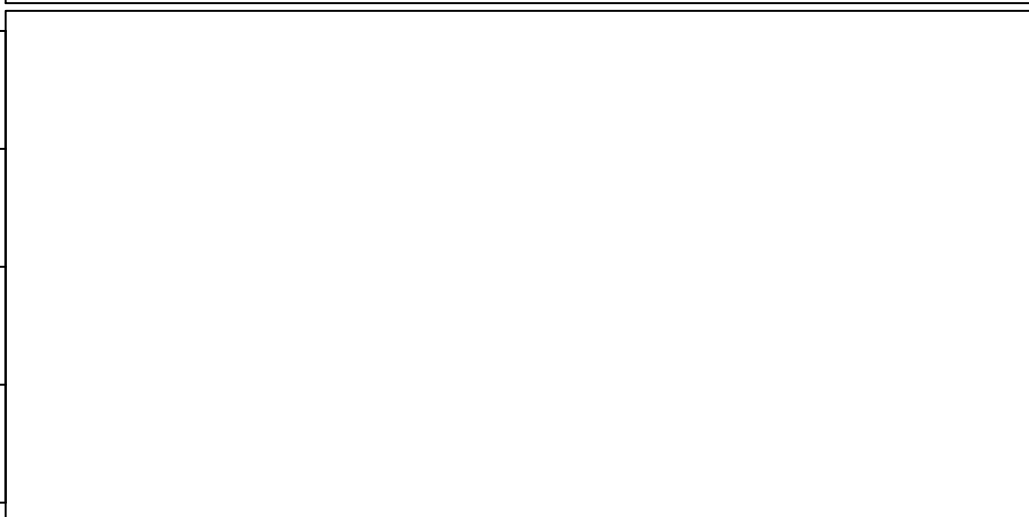
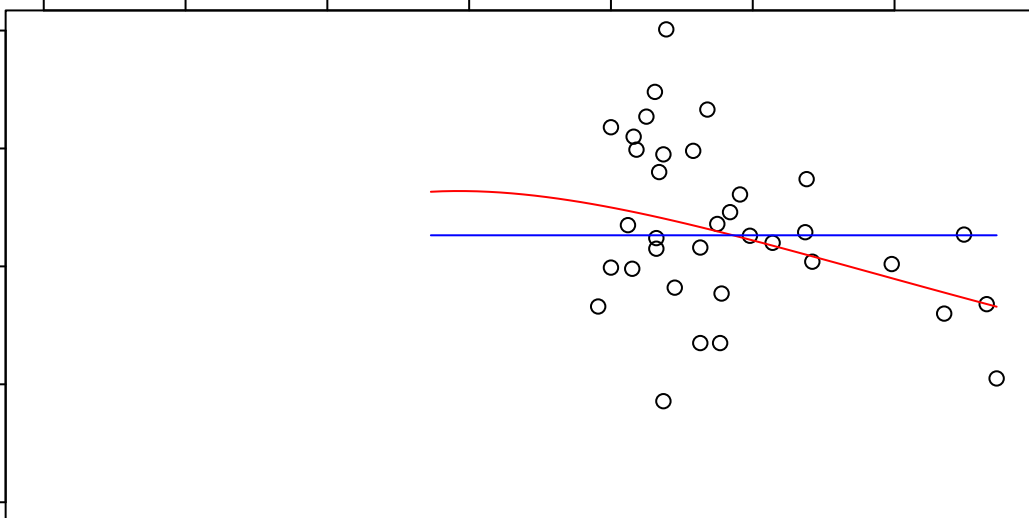
-77

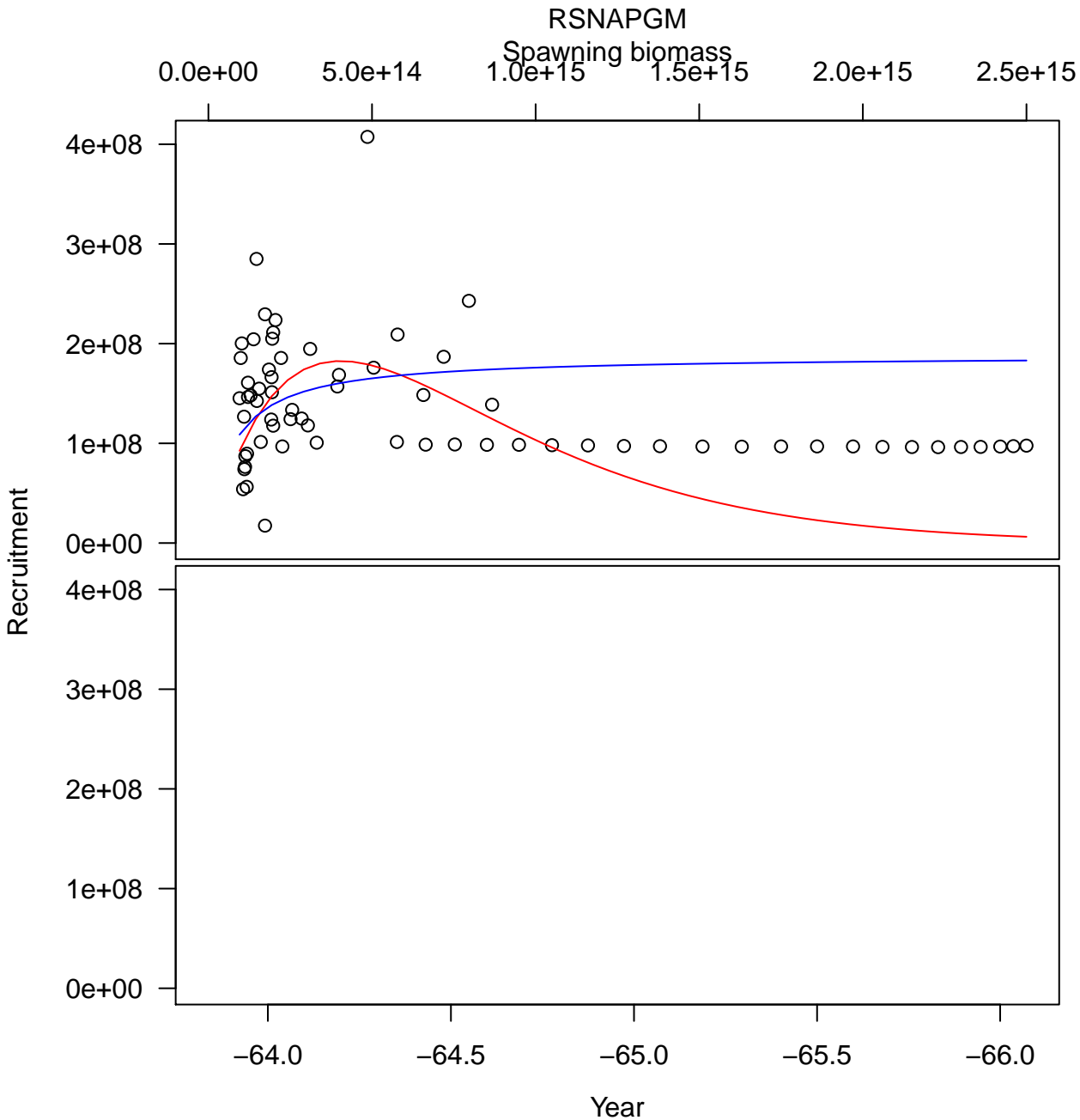
-76

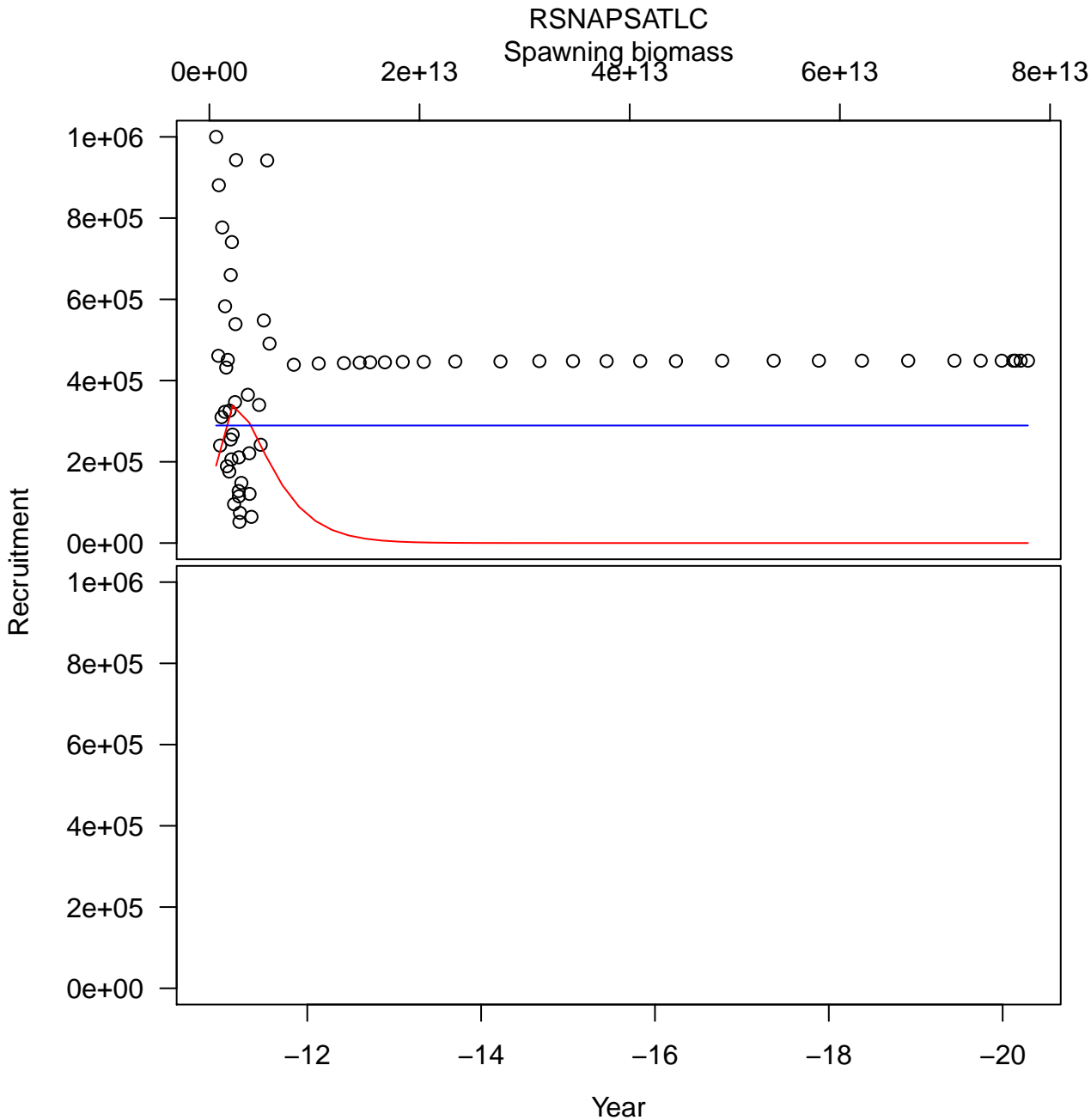
-75

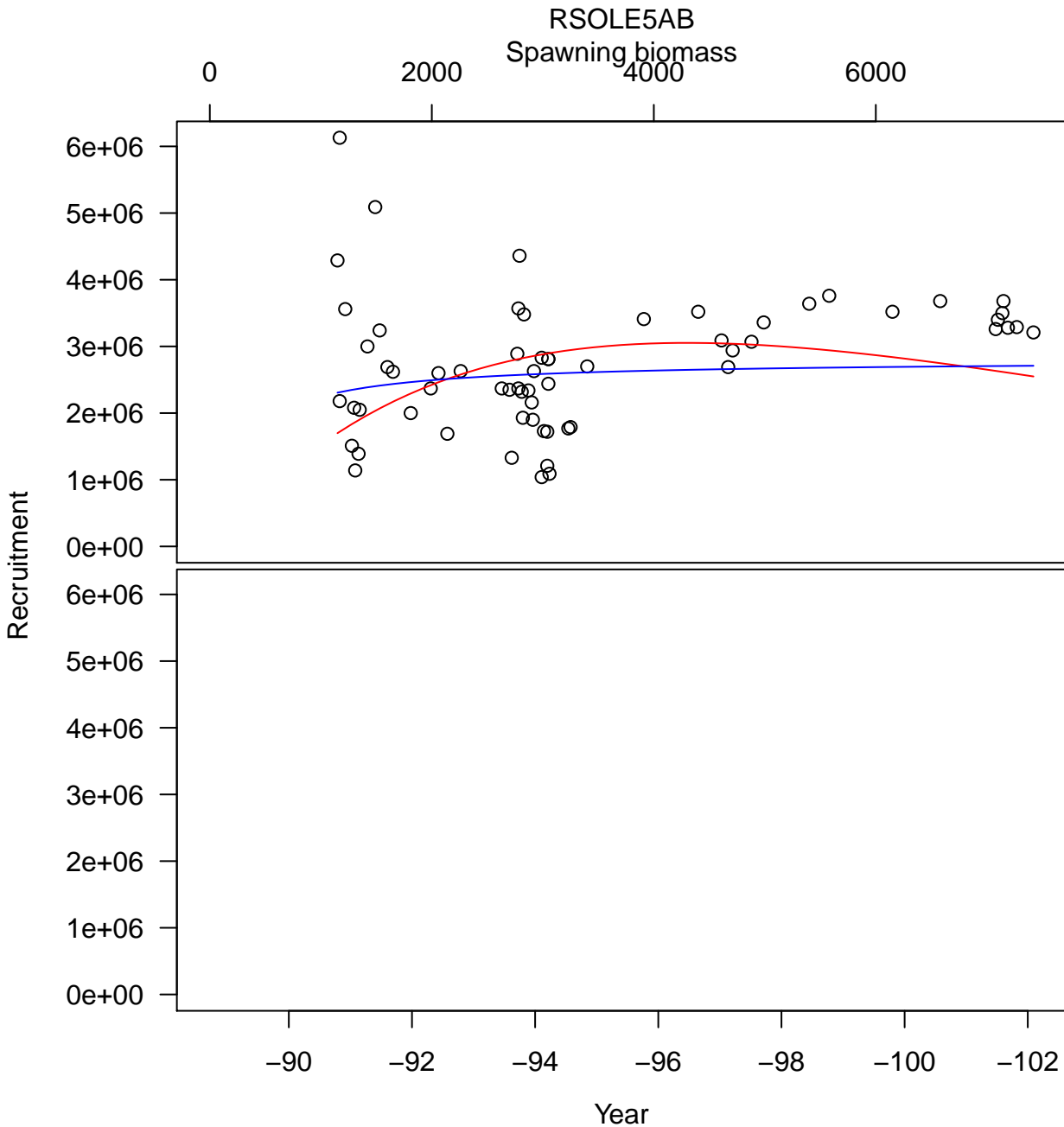
-74

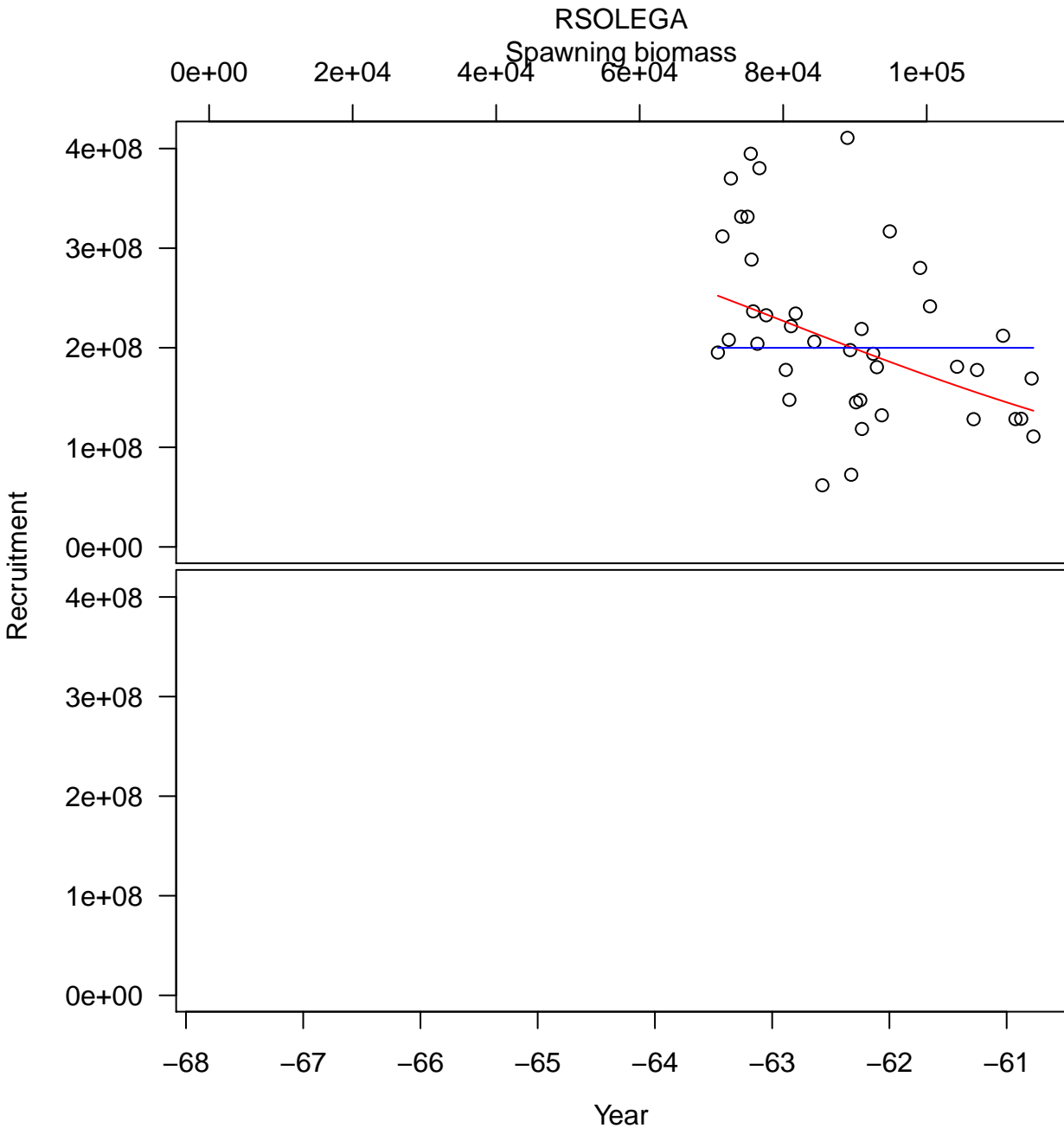
Year

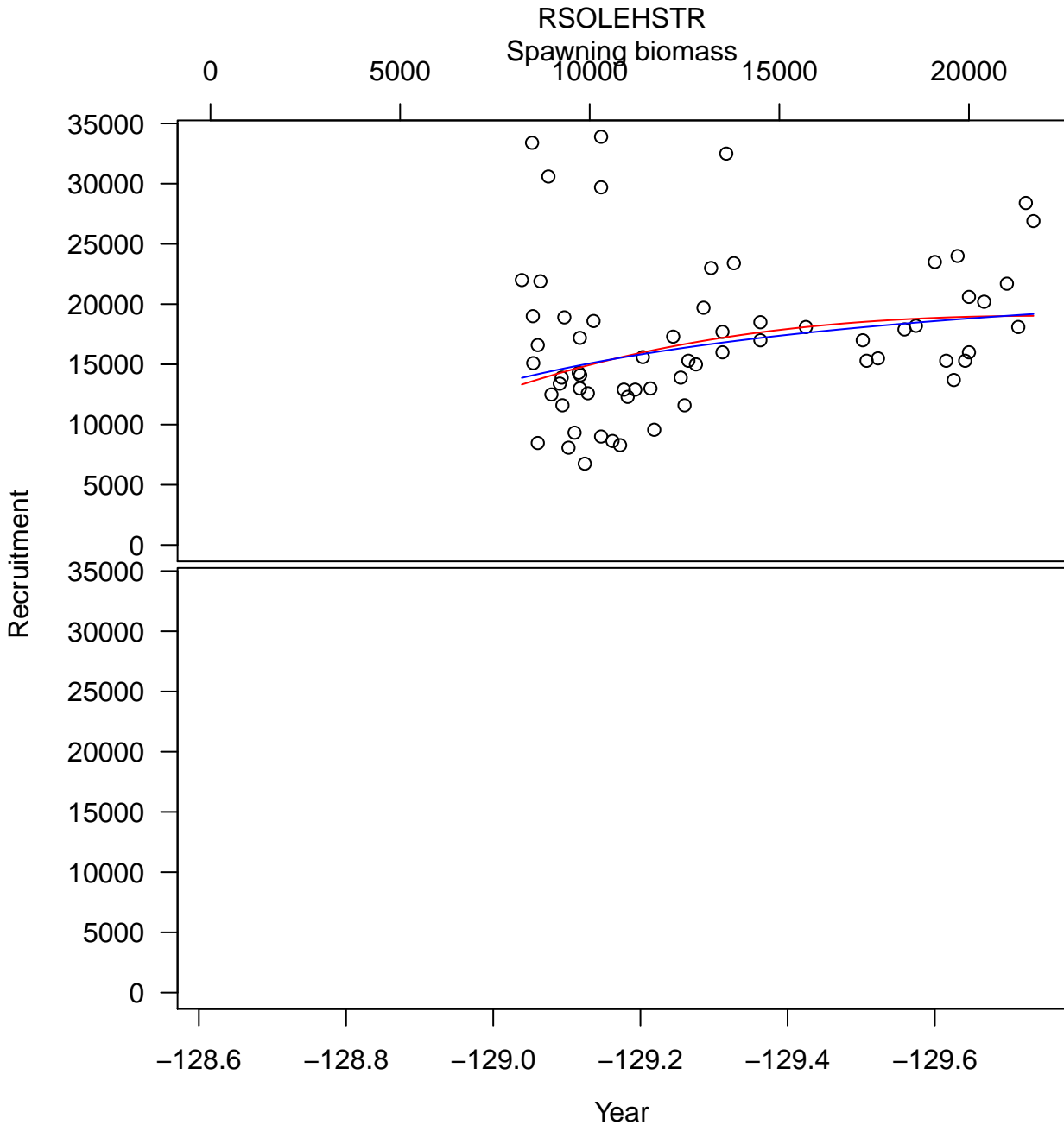












RSQLOBSTERCSCH

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

16

14

12

10

8

6

Year

RSROCKBCWN
Spawning biomass

0

2000

4000

6000

Recruitment

2.5e+07

2.0e+07

1.5e+07

1.0e+07

5.0e+06

0.0e+00

2.5e+07

2.0e+07

1.5e+07

1.0e+07

5.0e+06

0.0e+00

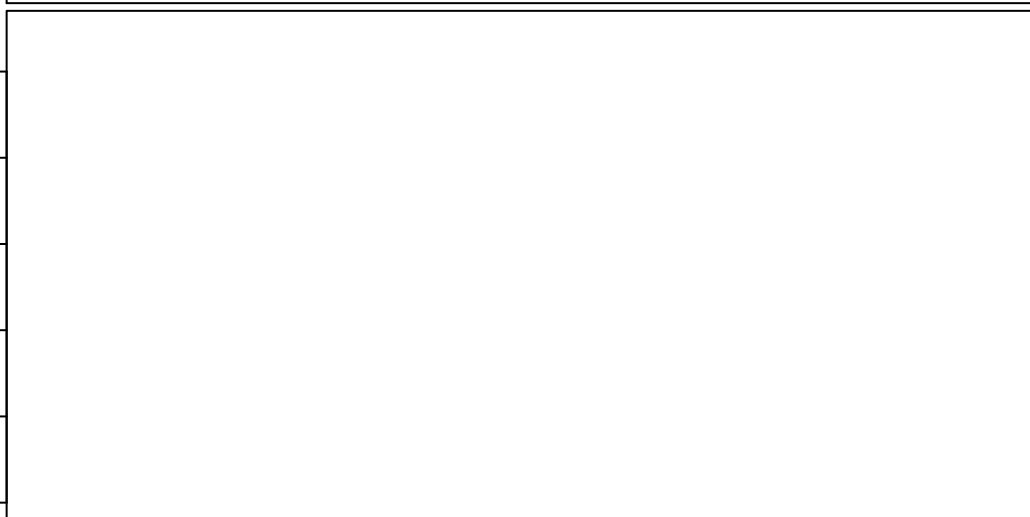
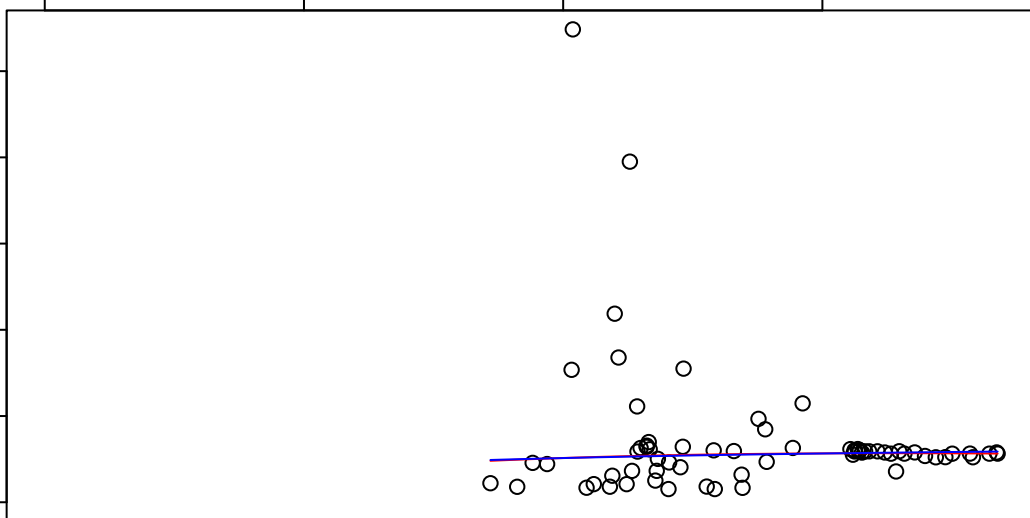
-45.45

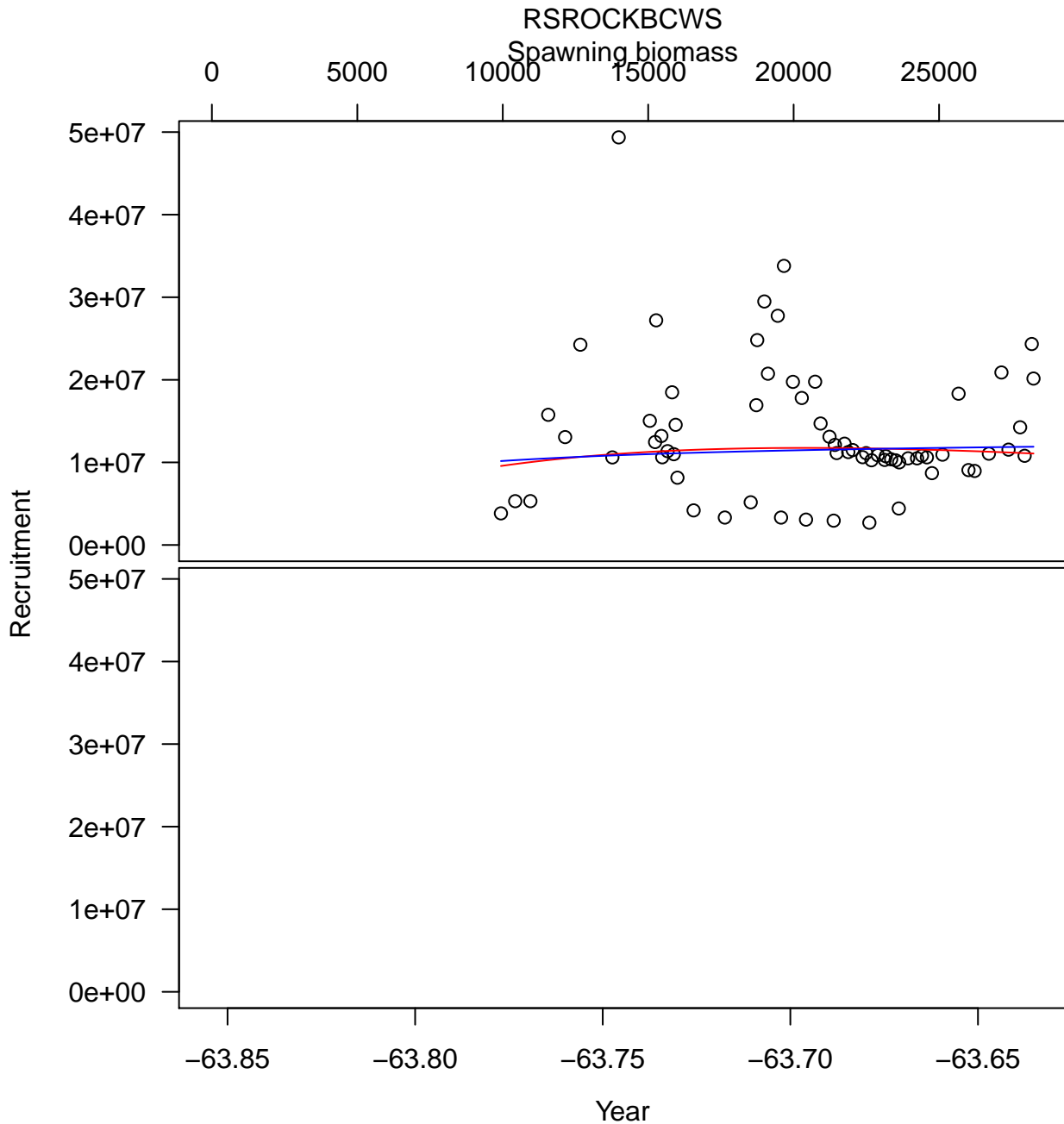
-45.40

-45.35

-45.30

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

-4.2

-4.3

-4.4

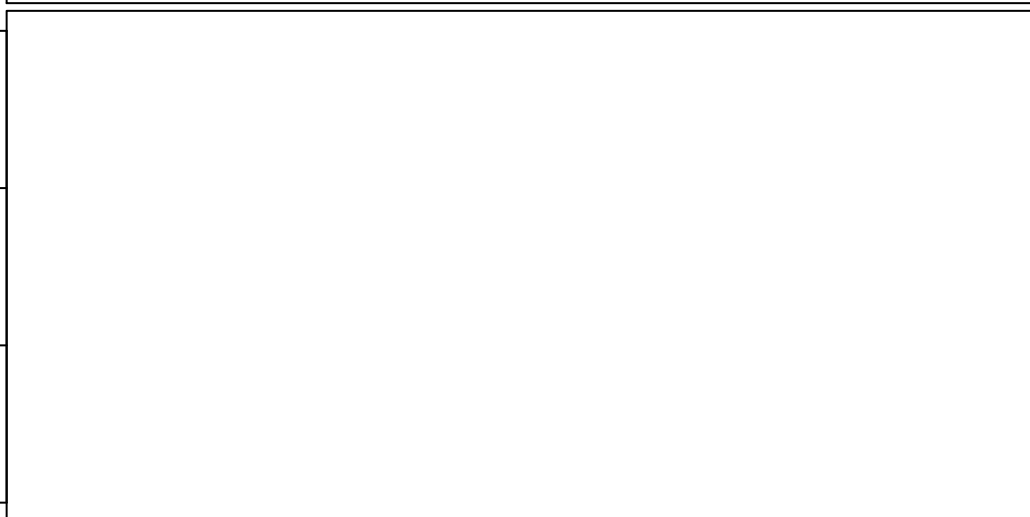
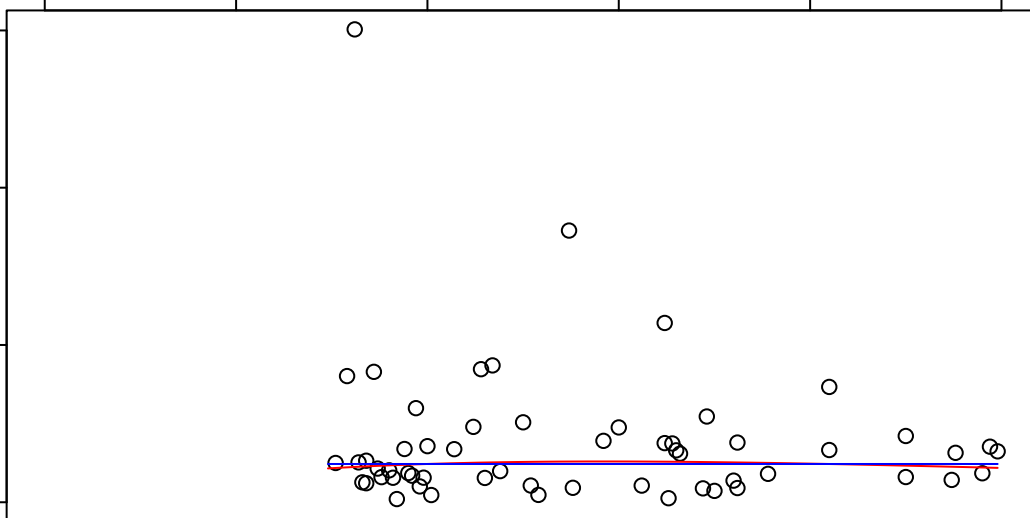
-4.5

-4.6

-4.7

-4.8

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

-65.6

-65.8

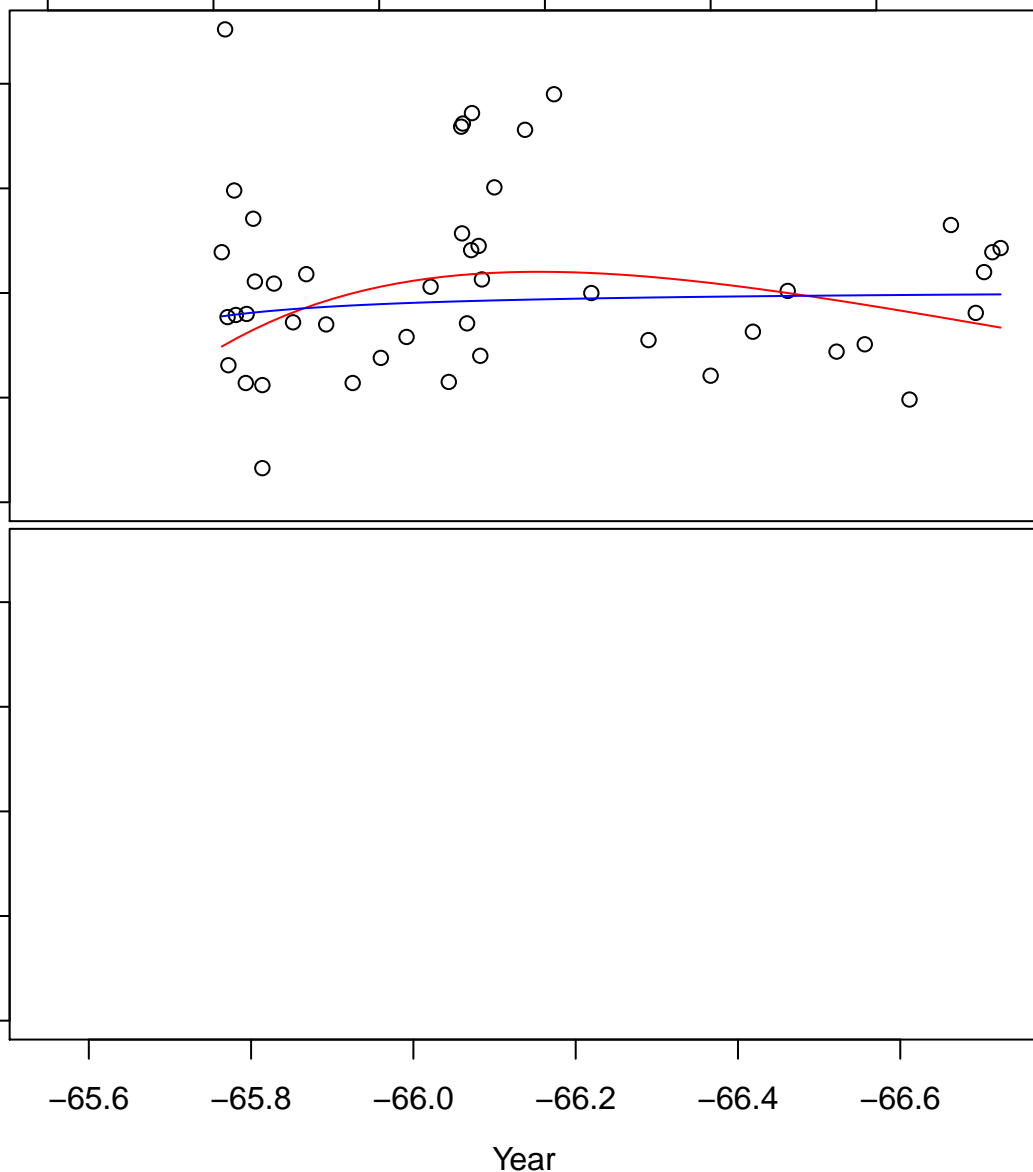
-66.0

-66.2

-66.4

-66.6

Year



SABLEFPCOAST
Spawning biomass

0 20000 40000 60000 80000 100000 120000 140000

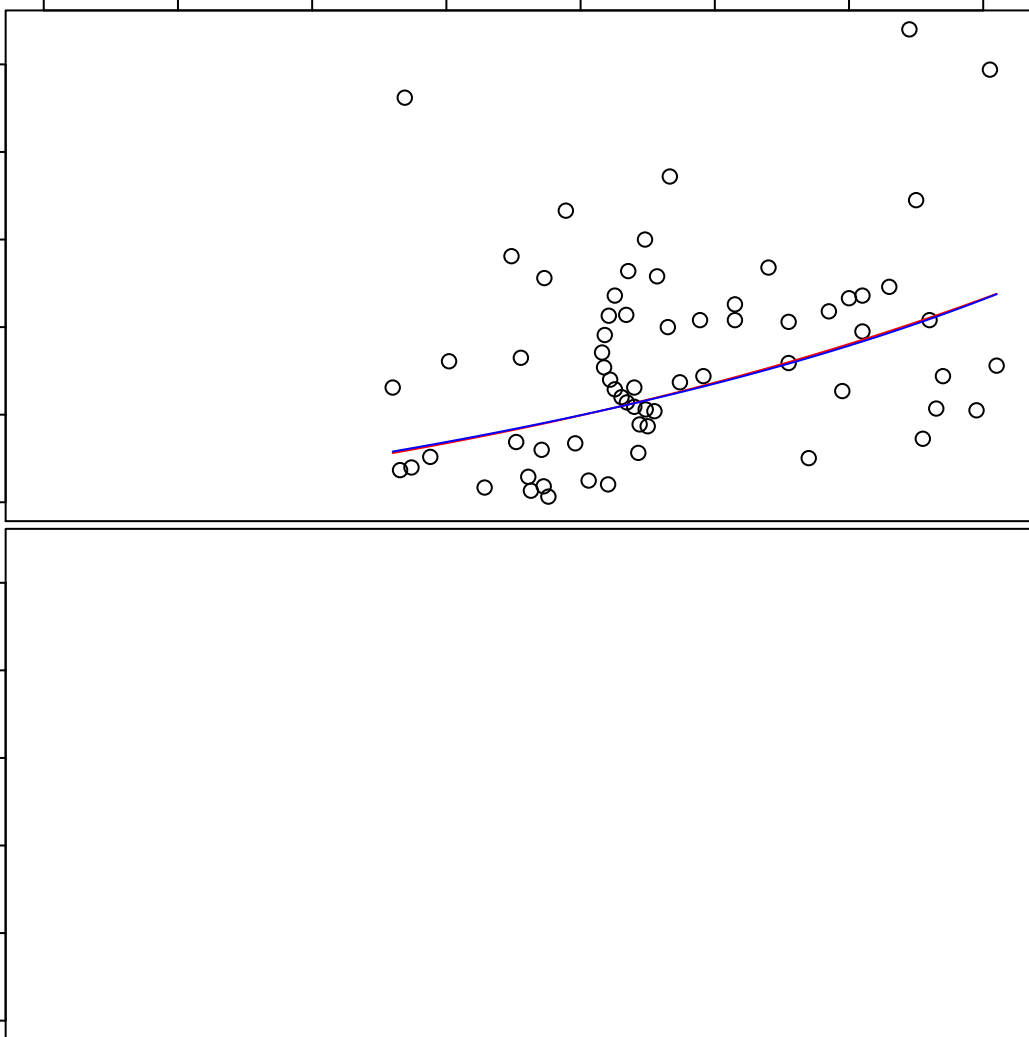
Recruitment

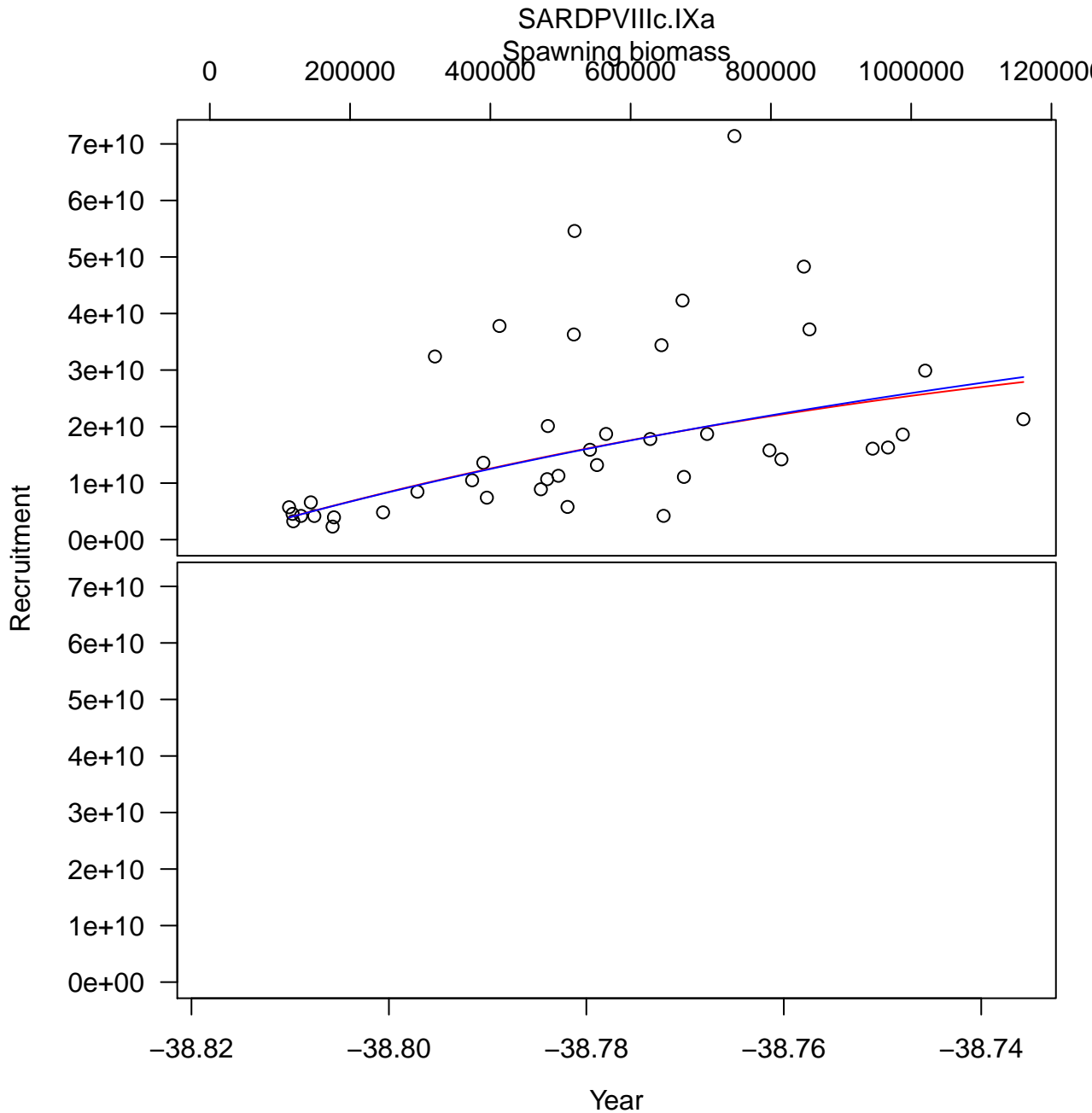
5e+07
4e+07
3e+07
2e+07
1e+07
0e+00

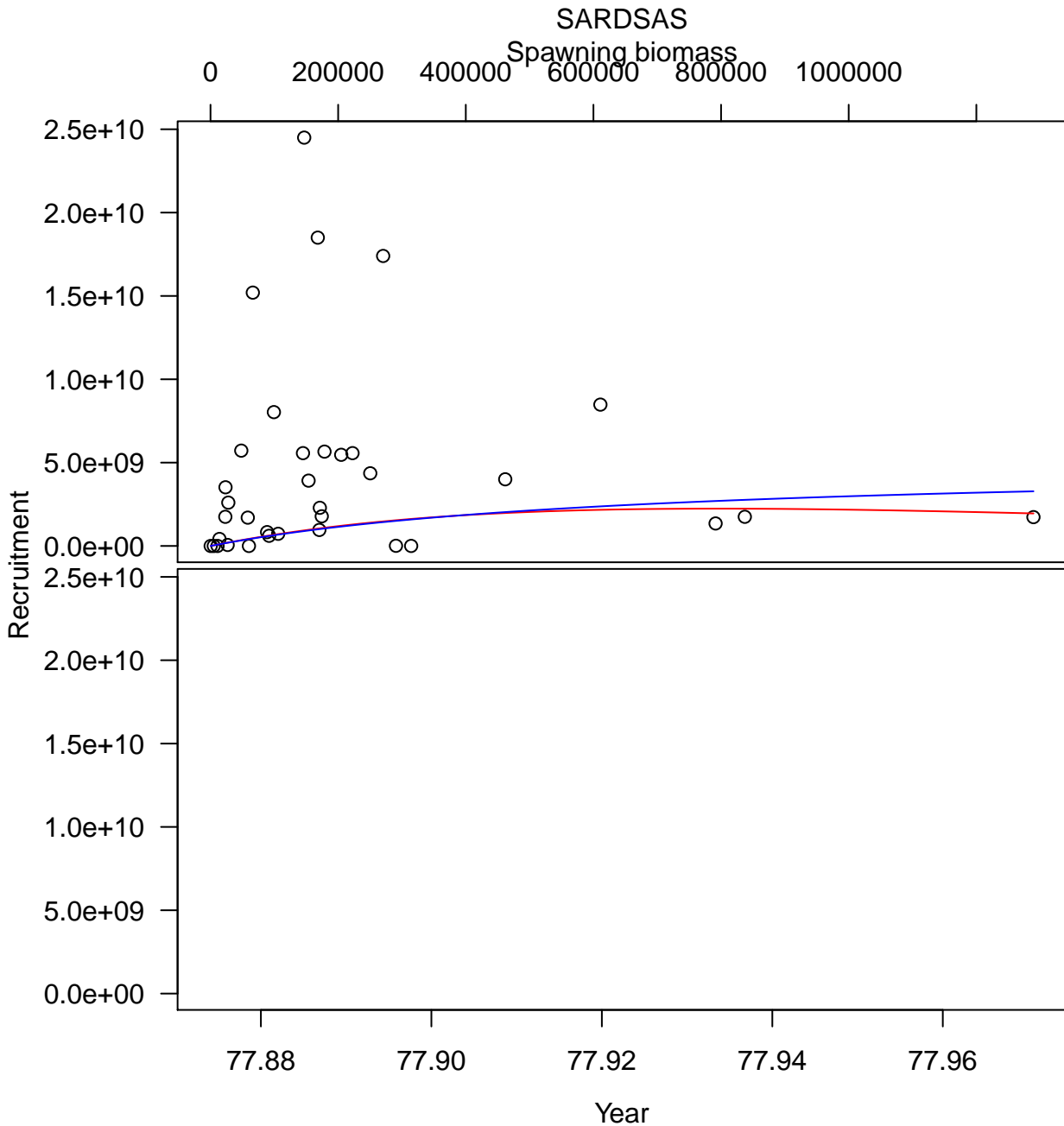
5e+07
4e+07
3e+07
2e+07
1e+07
0e+00

-20.63 -20.62 -20.61 -20.60 -20.59 -20.58 -20.57 -20.56

Year







SARDSAW

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

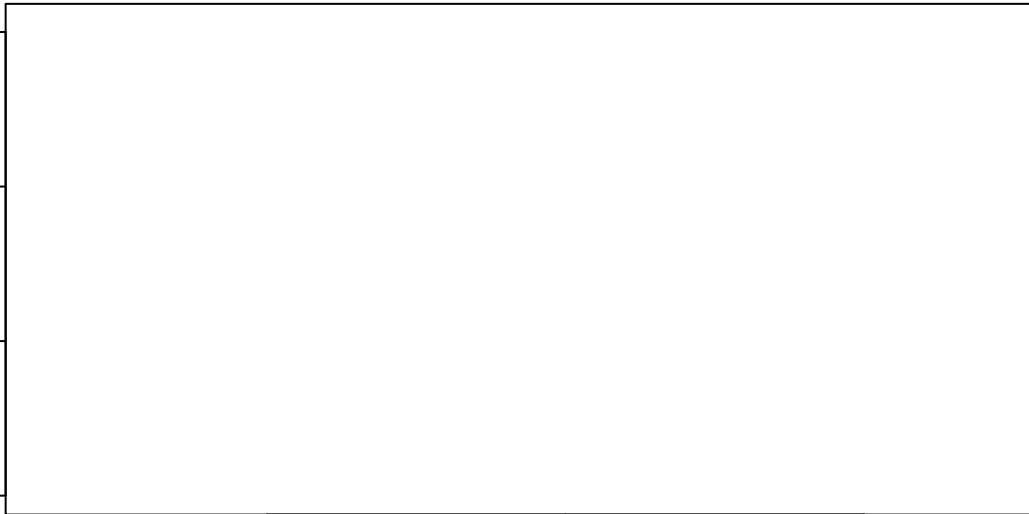
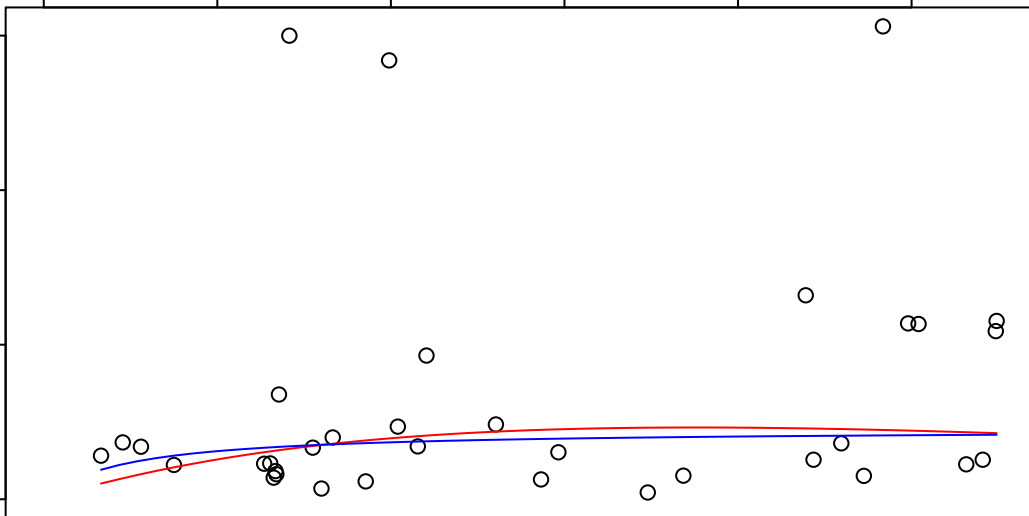
0.0e+00

3.0

2.5

2.0

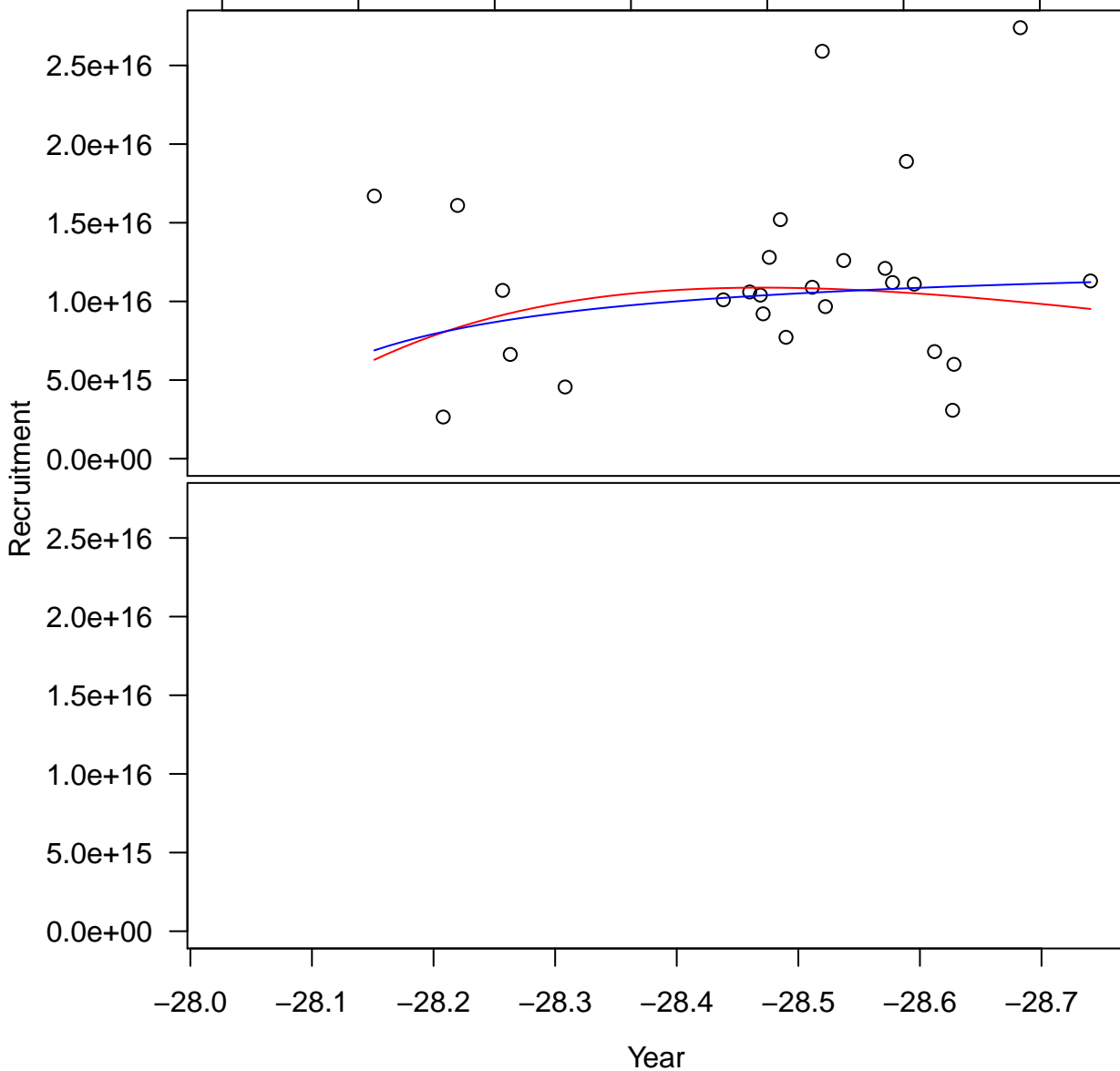
Year



SARDWSE

Spawning biomass

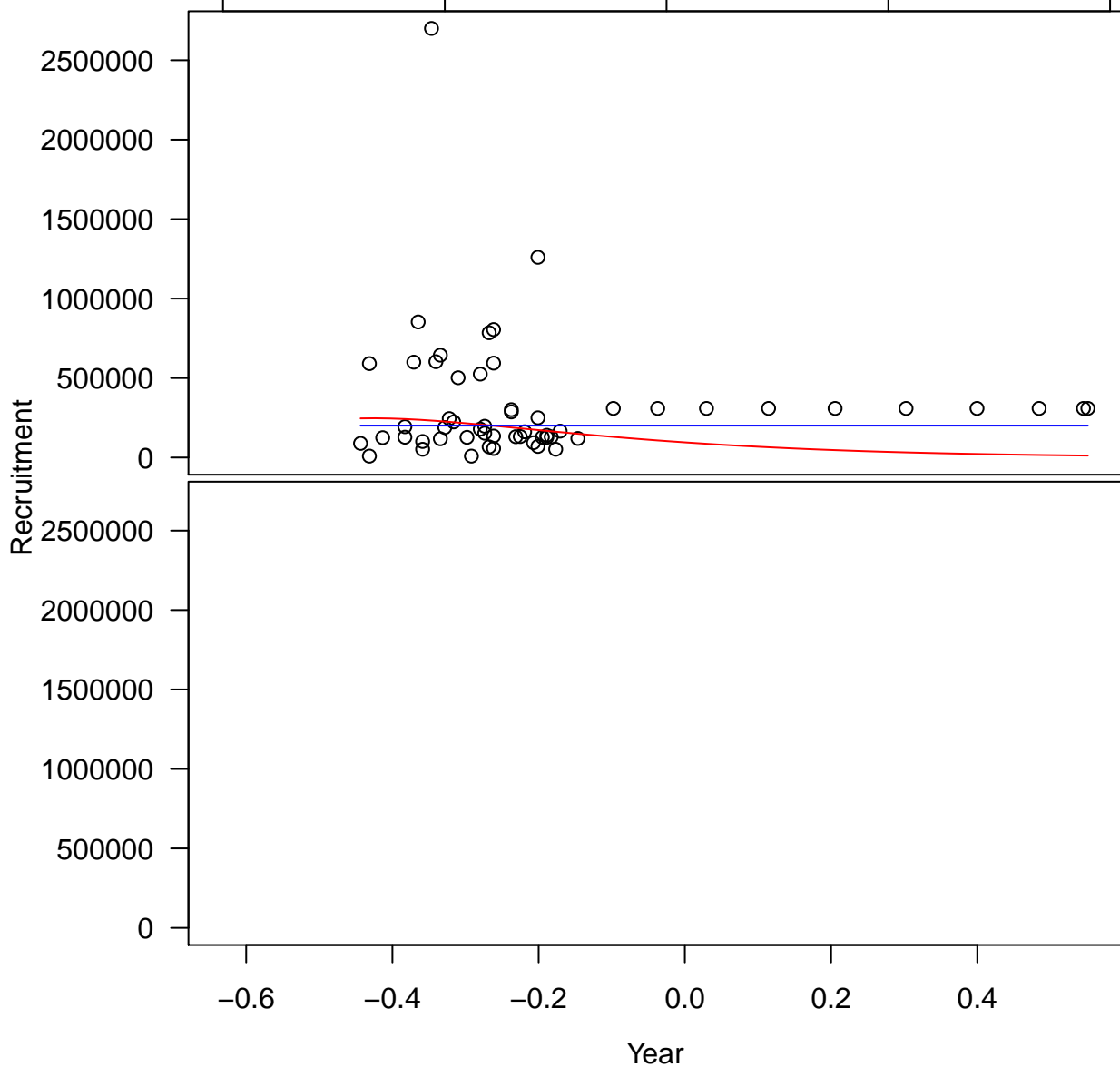
0 20000 40000 60000 80000 100000 120000

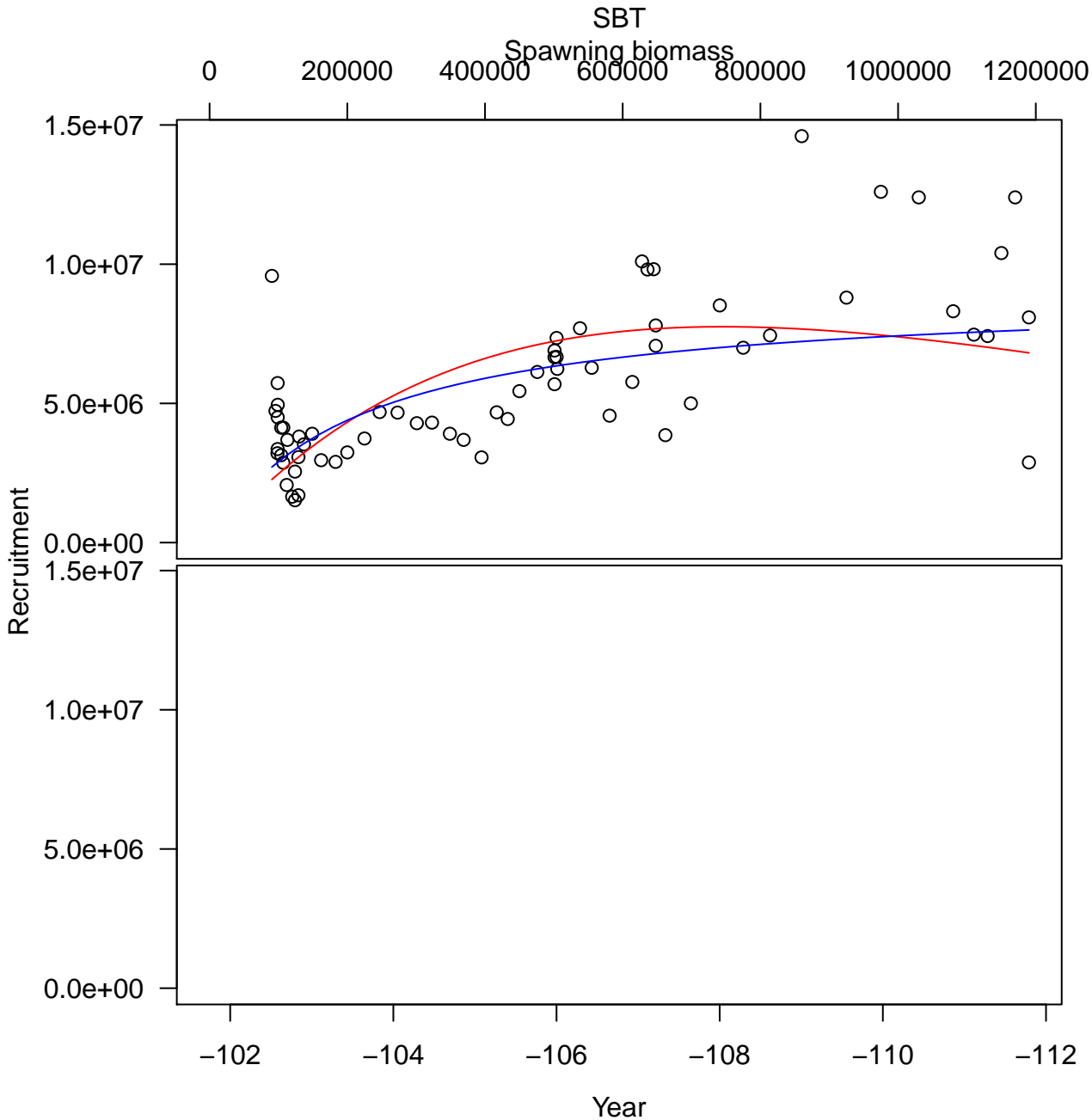


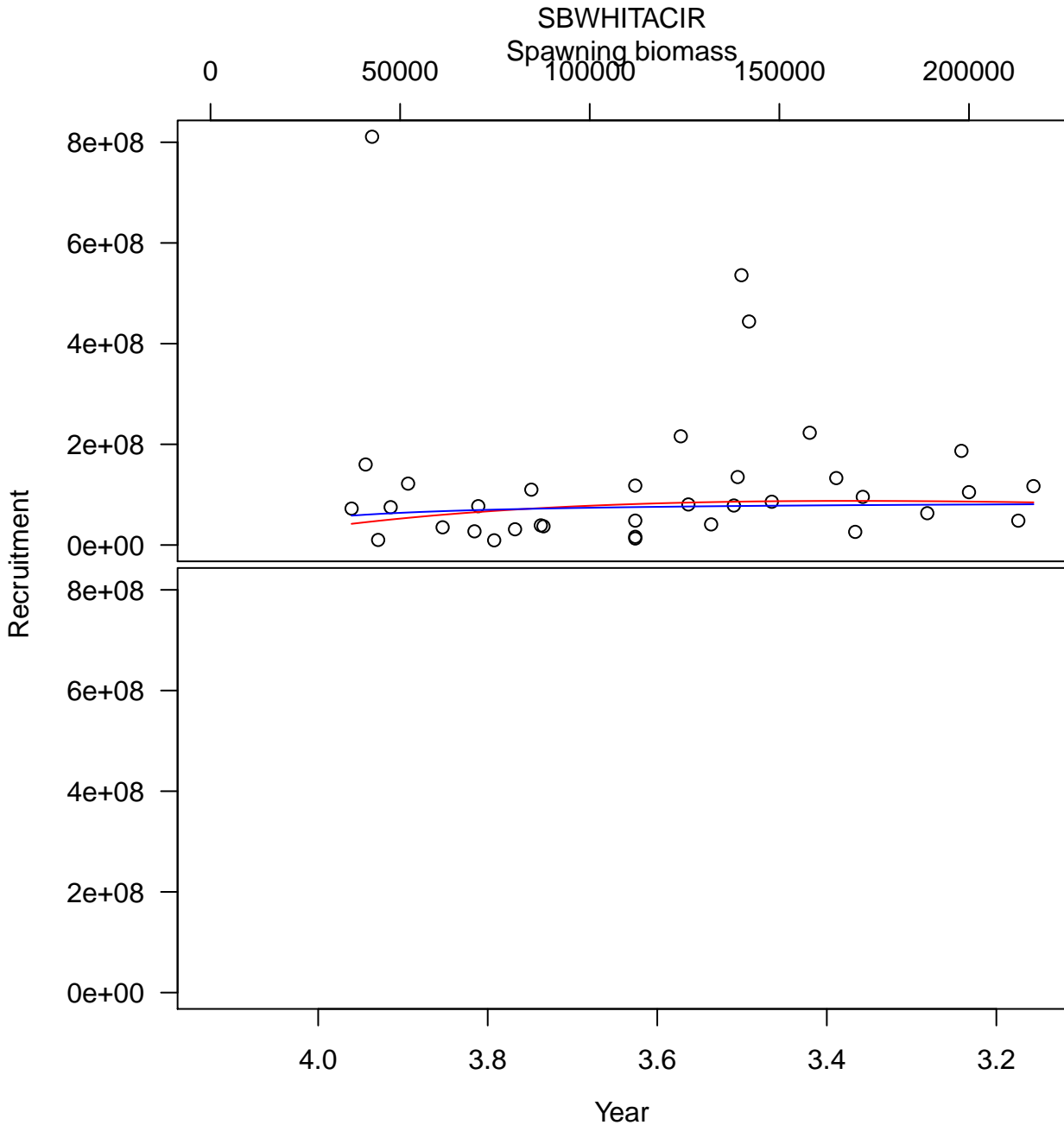
SBELLYROCKPCOAST

Spawning biomass

0 50000 100000 150000 200000







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

6

4

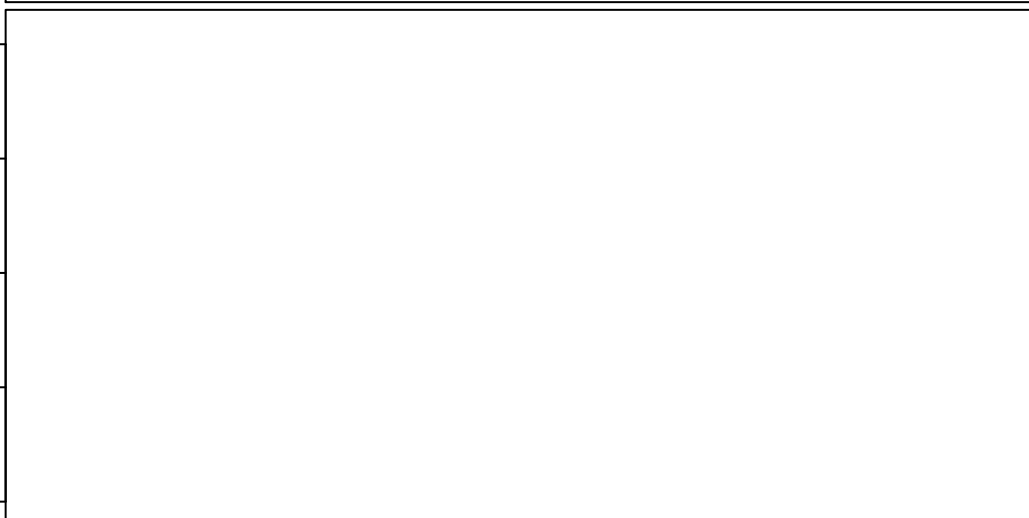
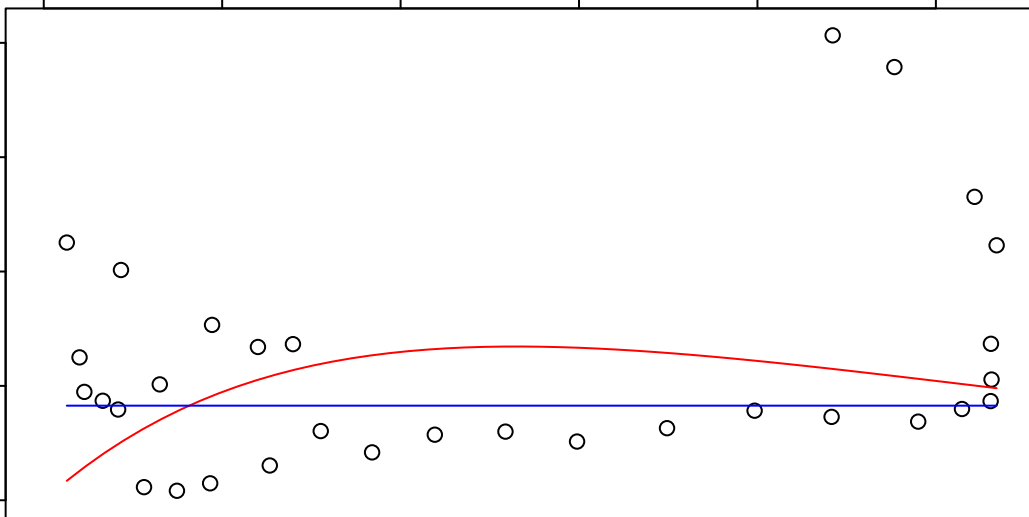
2

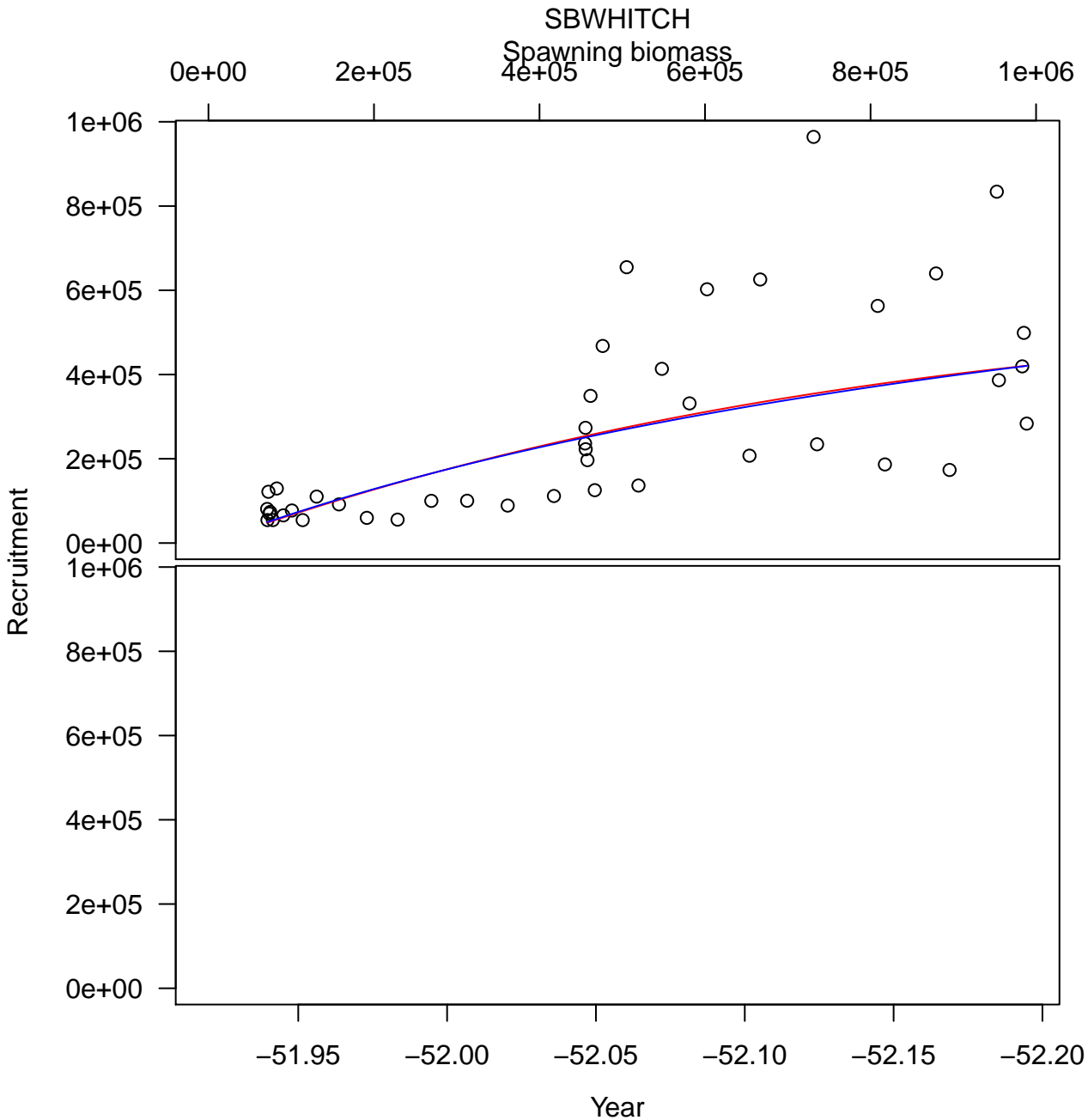
0

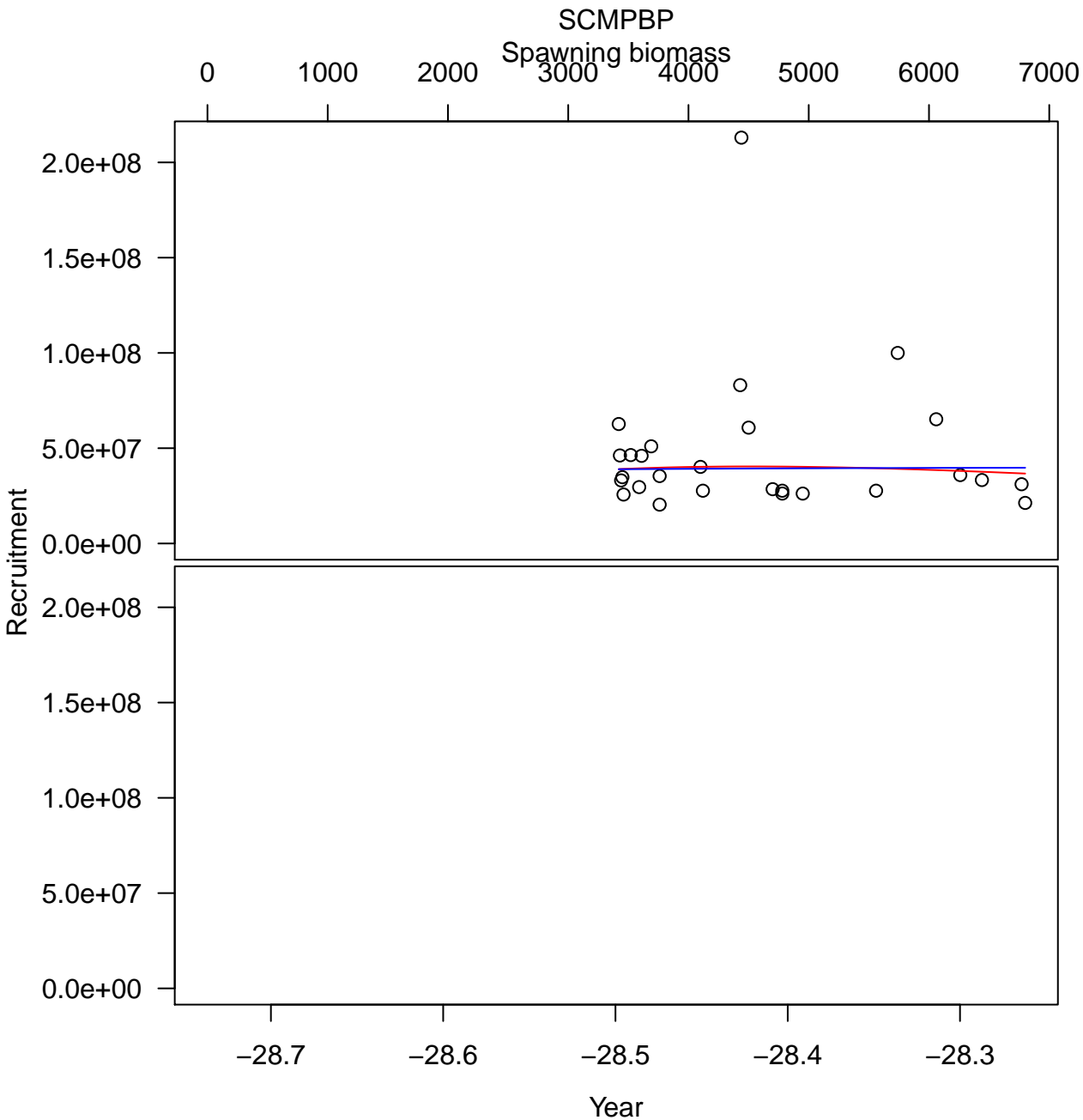
-2

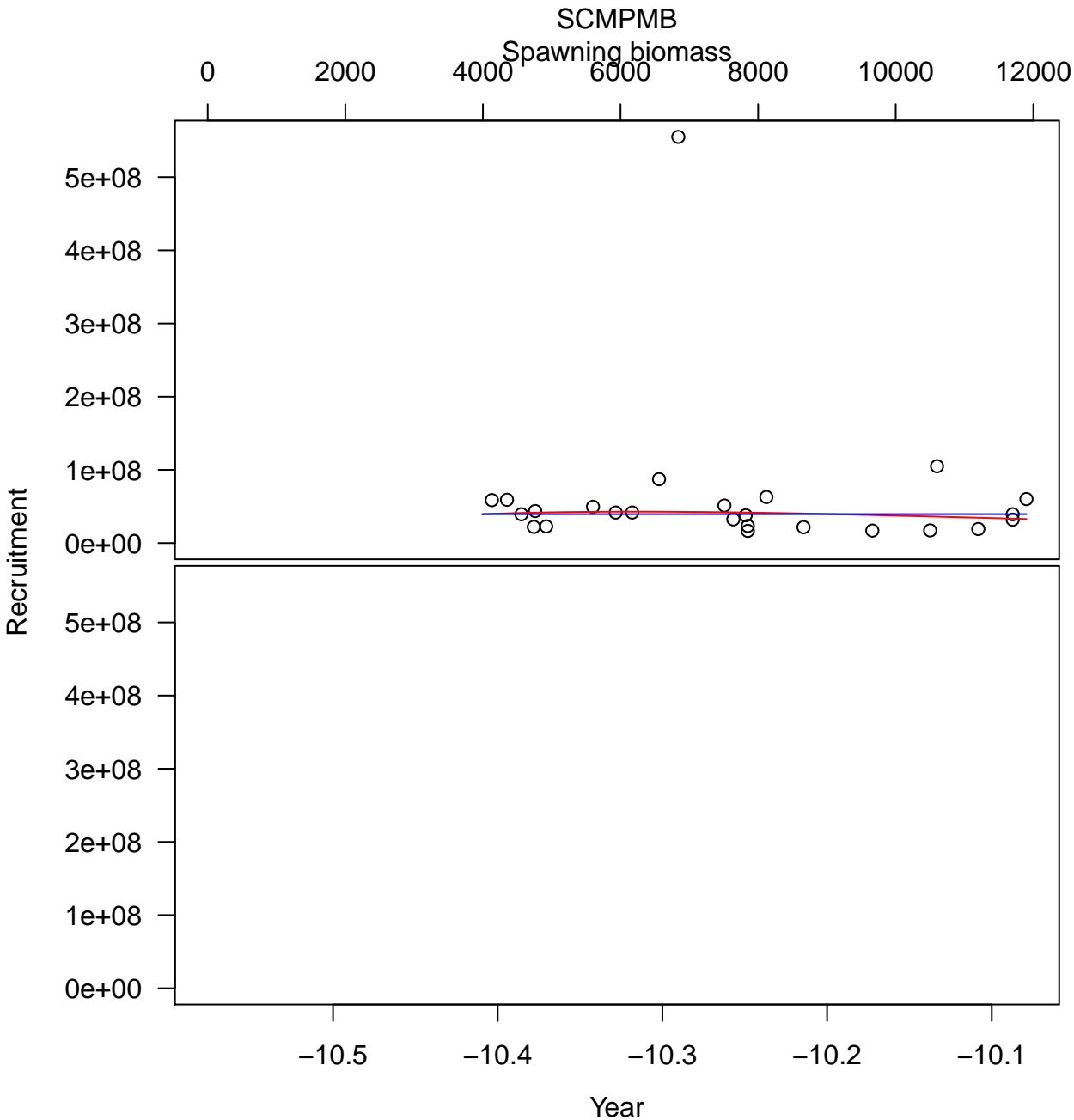
-4

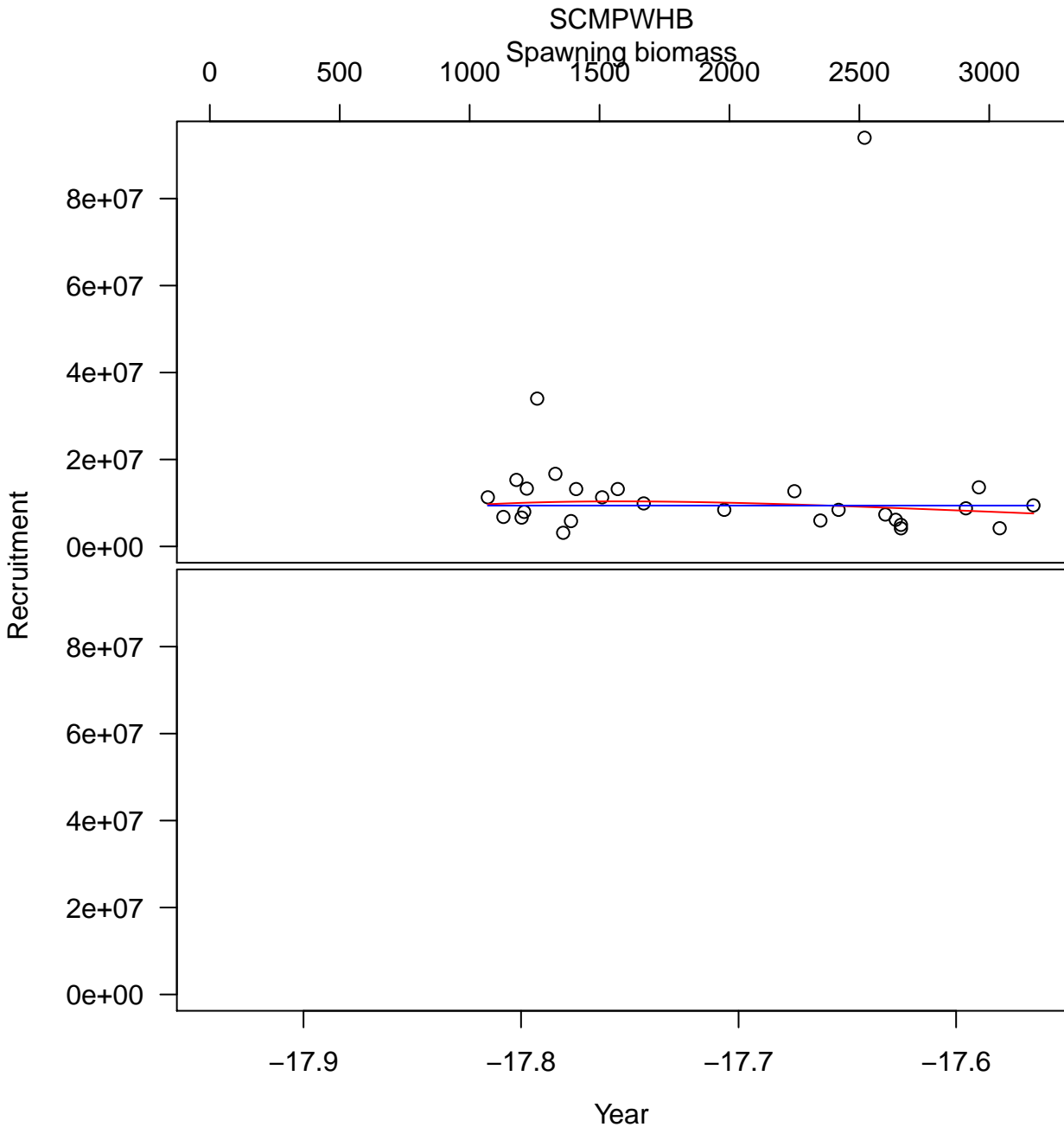
Year











SCUPNWATLC

Spawning biomass

0

50000

100000

150000

200000

2.5×10^8

2.0×10^8

1.5×10^8

1.0×10^8

5.0×10^7

0.0×10^0

Recruitment

2.5×10^8

2.0×10^8

1.5×10^8

1.0×10^8

5.0×10^7

0.0×10^0

-52

-53

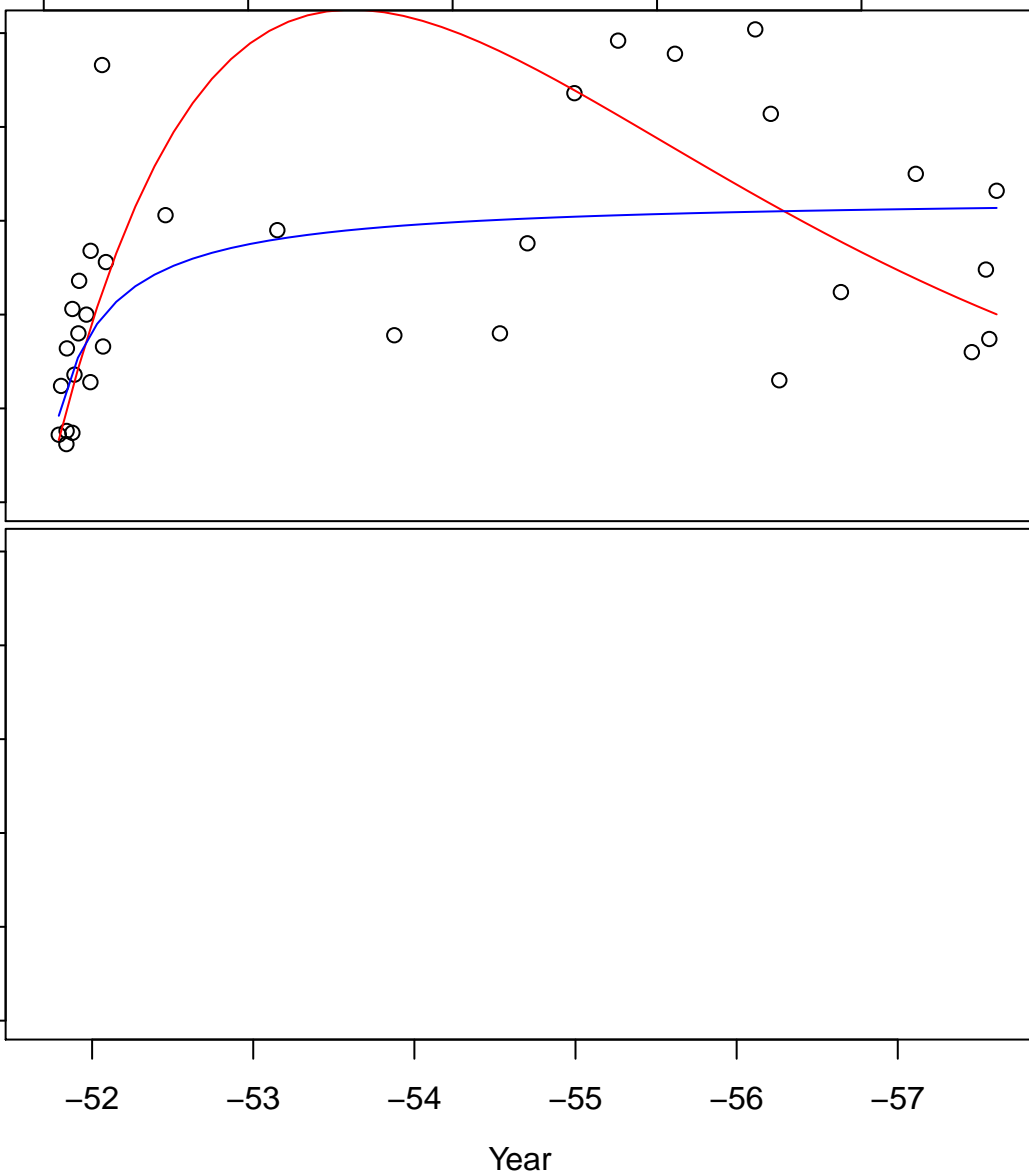
-54

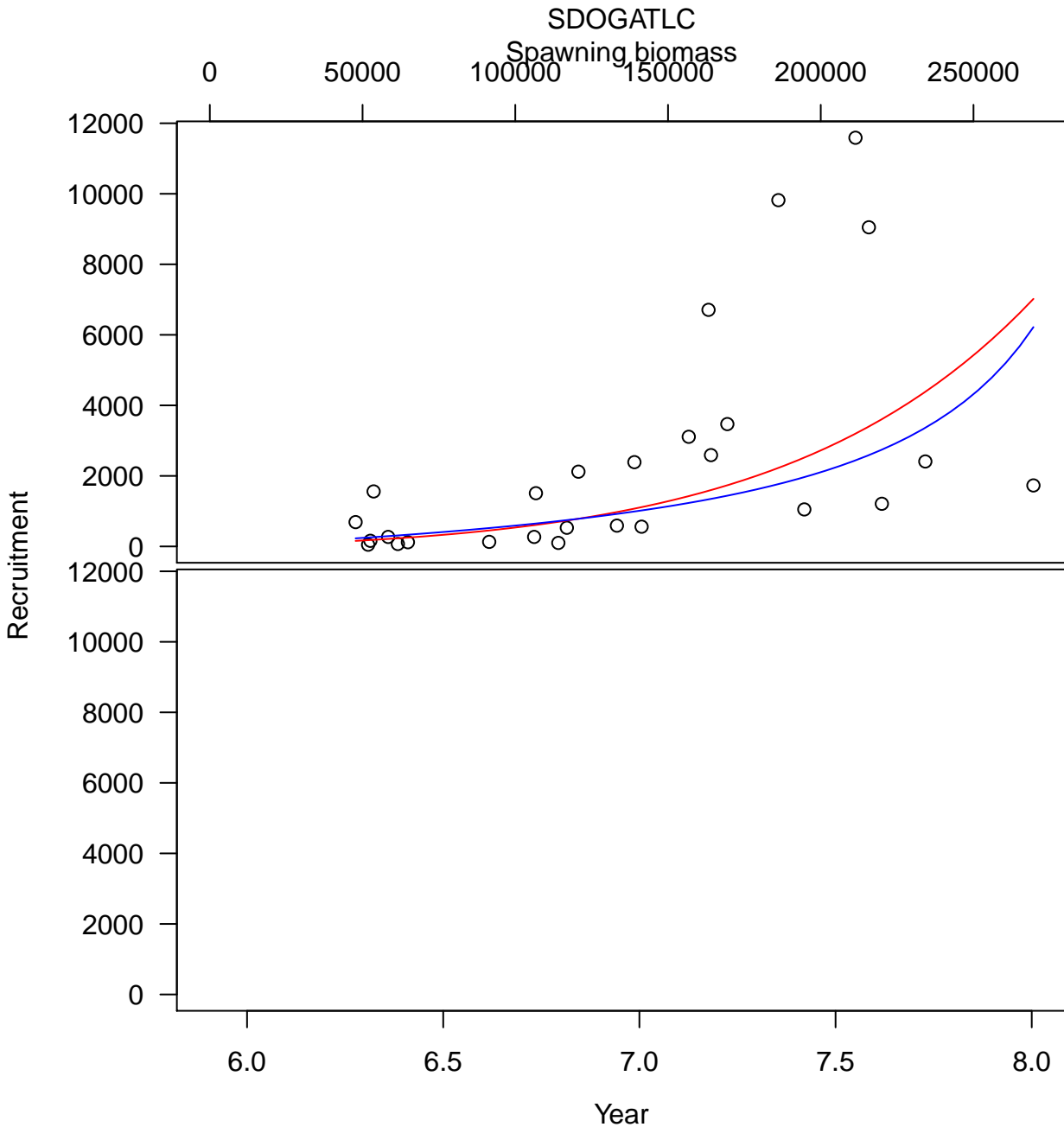
-55

-56

-57

Year





SDOGBLKGS29

Spawning biomass

0

5000

10000

15000

20000

$8e+05$

$6e+05$

$4e+05$

$2e+05$

$0e+00$

Recruitment

$8e+05$

$6e+05$

$4e+05$

$2e+05$

$0e+00$

-40.5

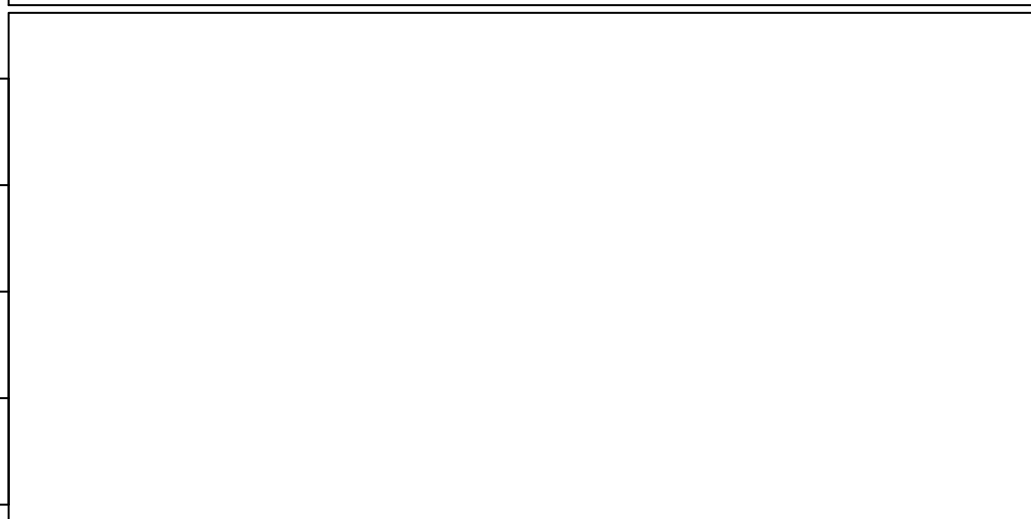
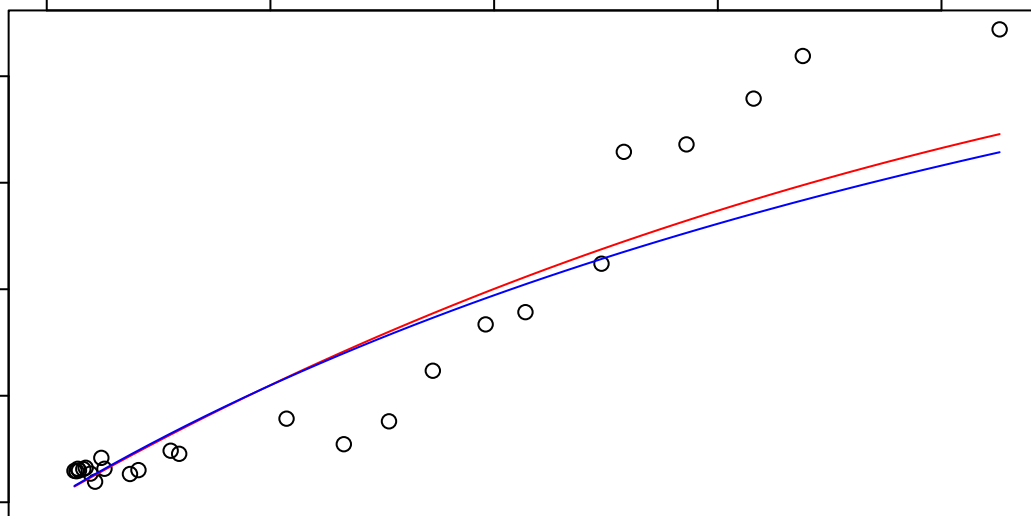
-40.6

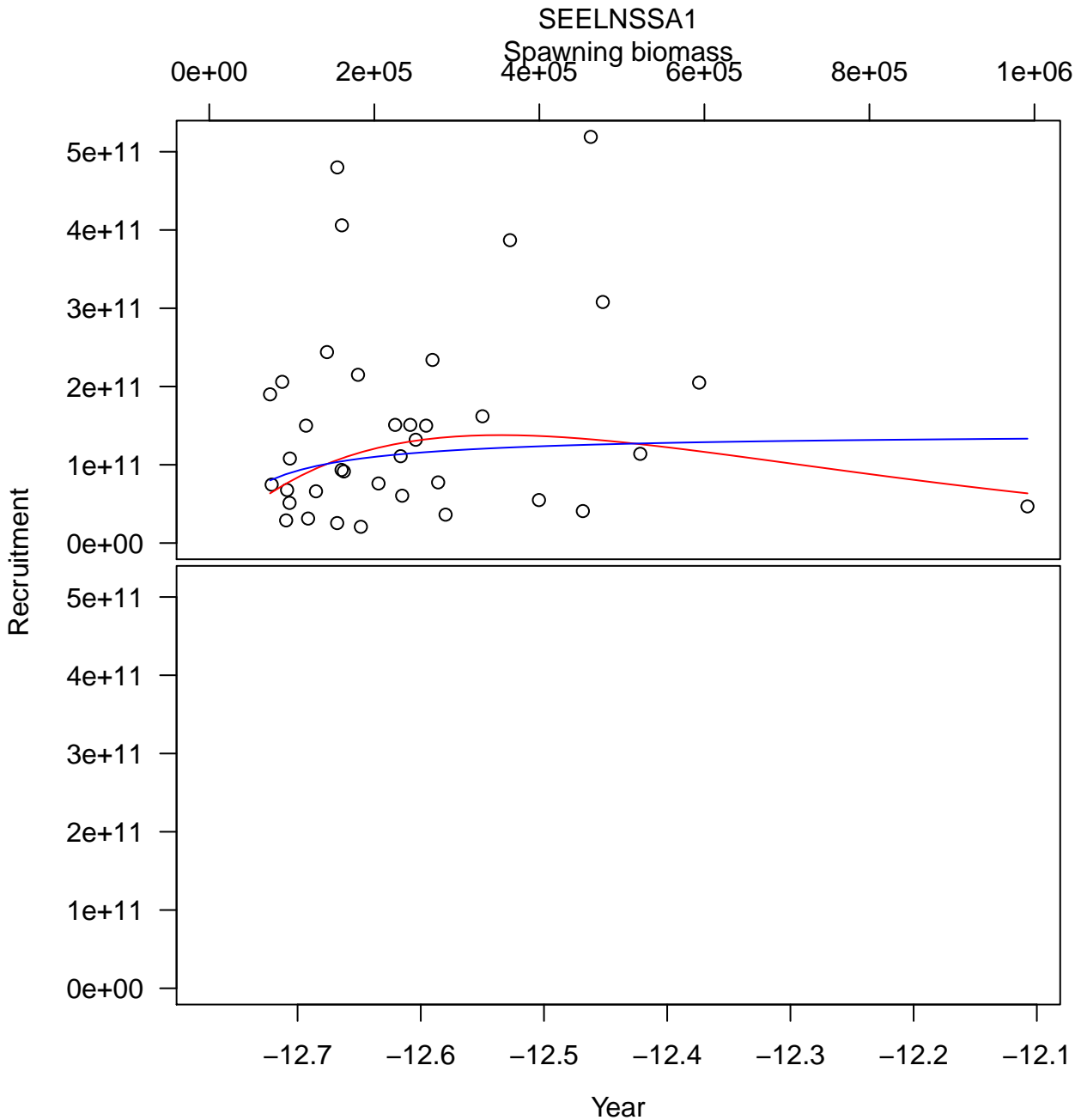
-40.7

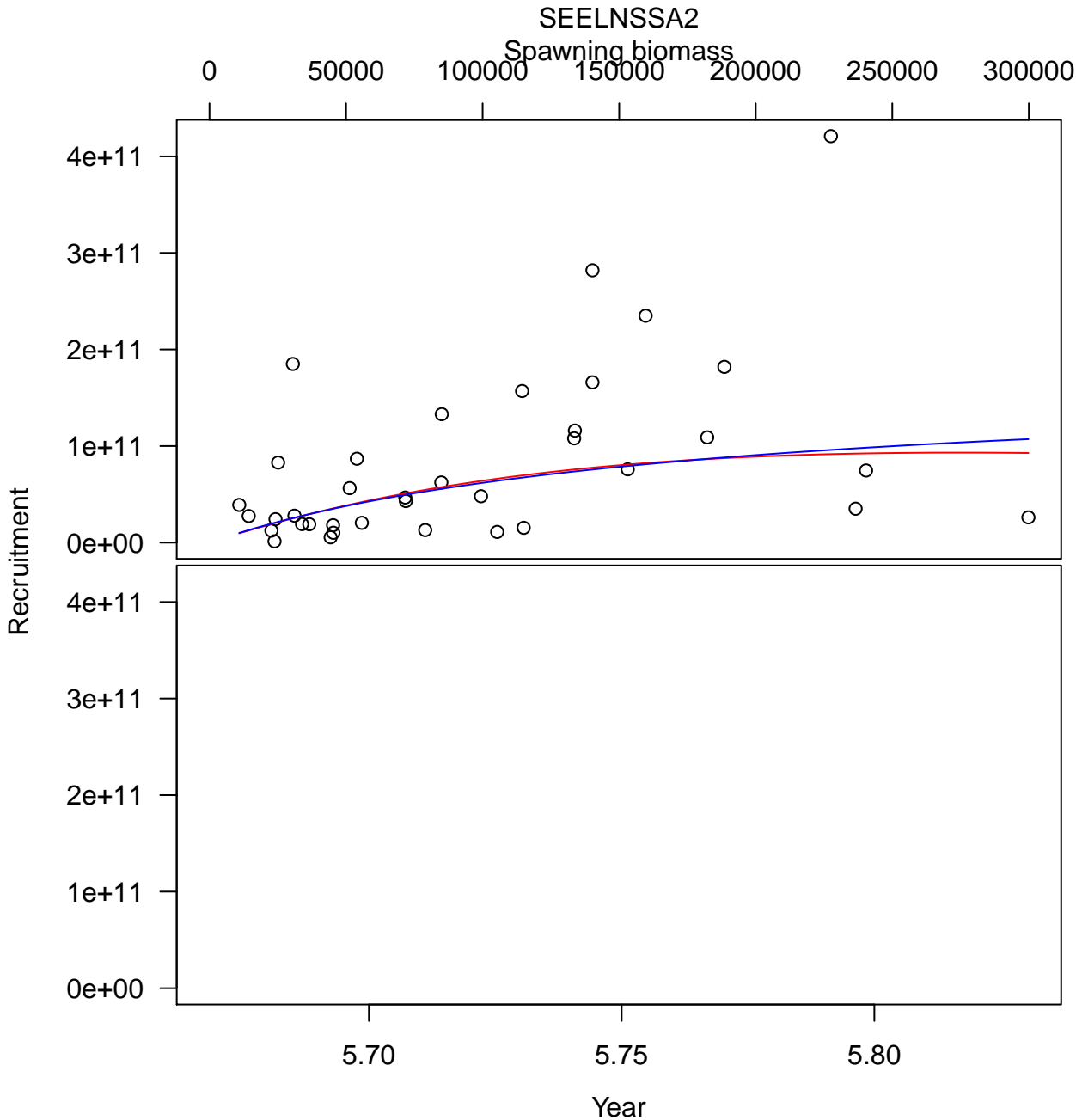
-40.8

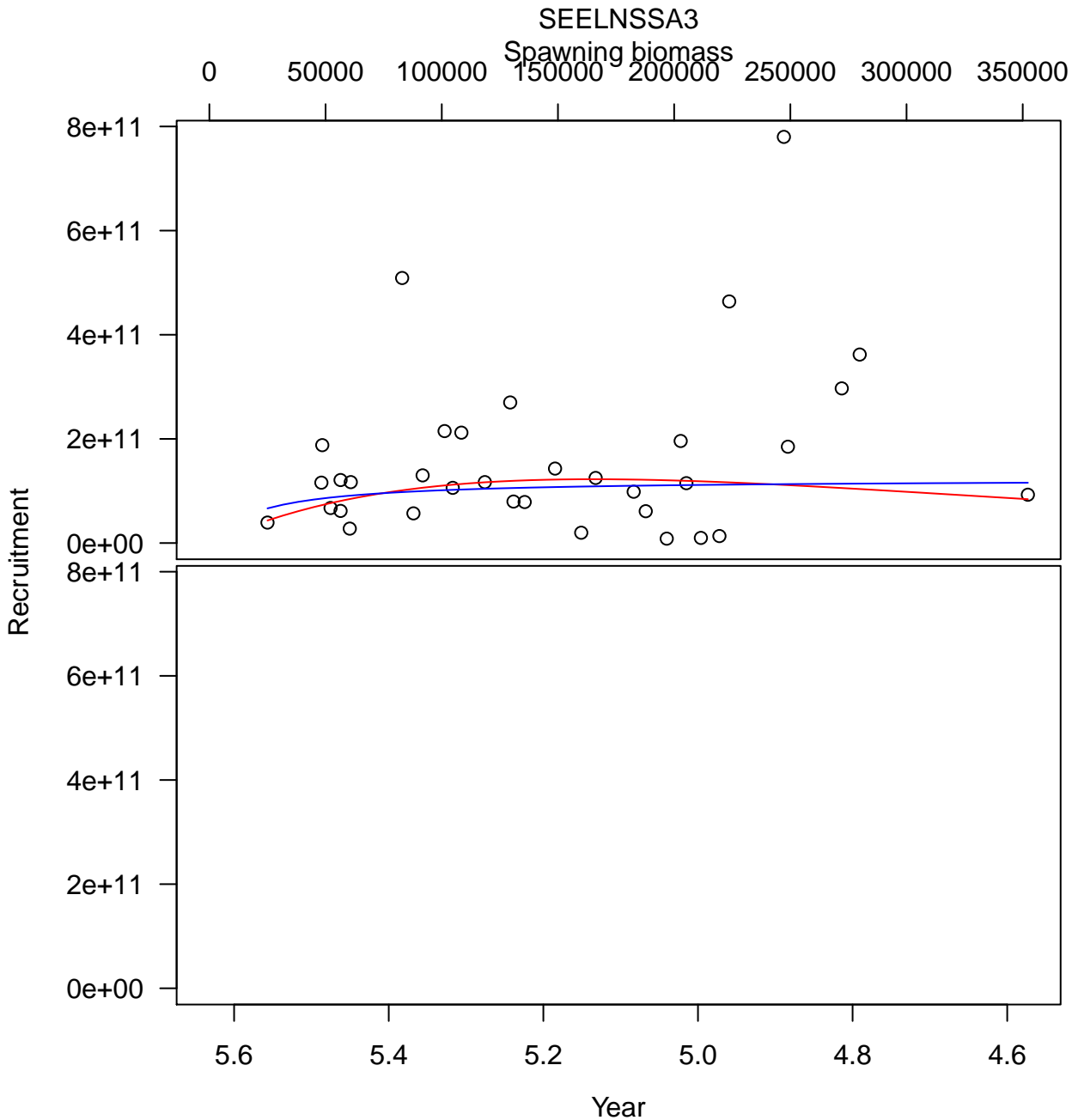
-40.9

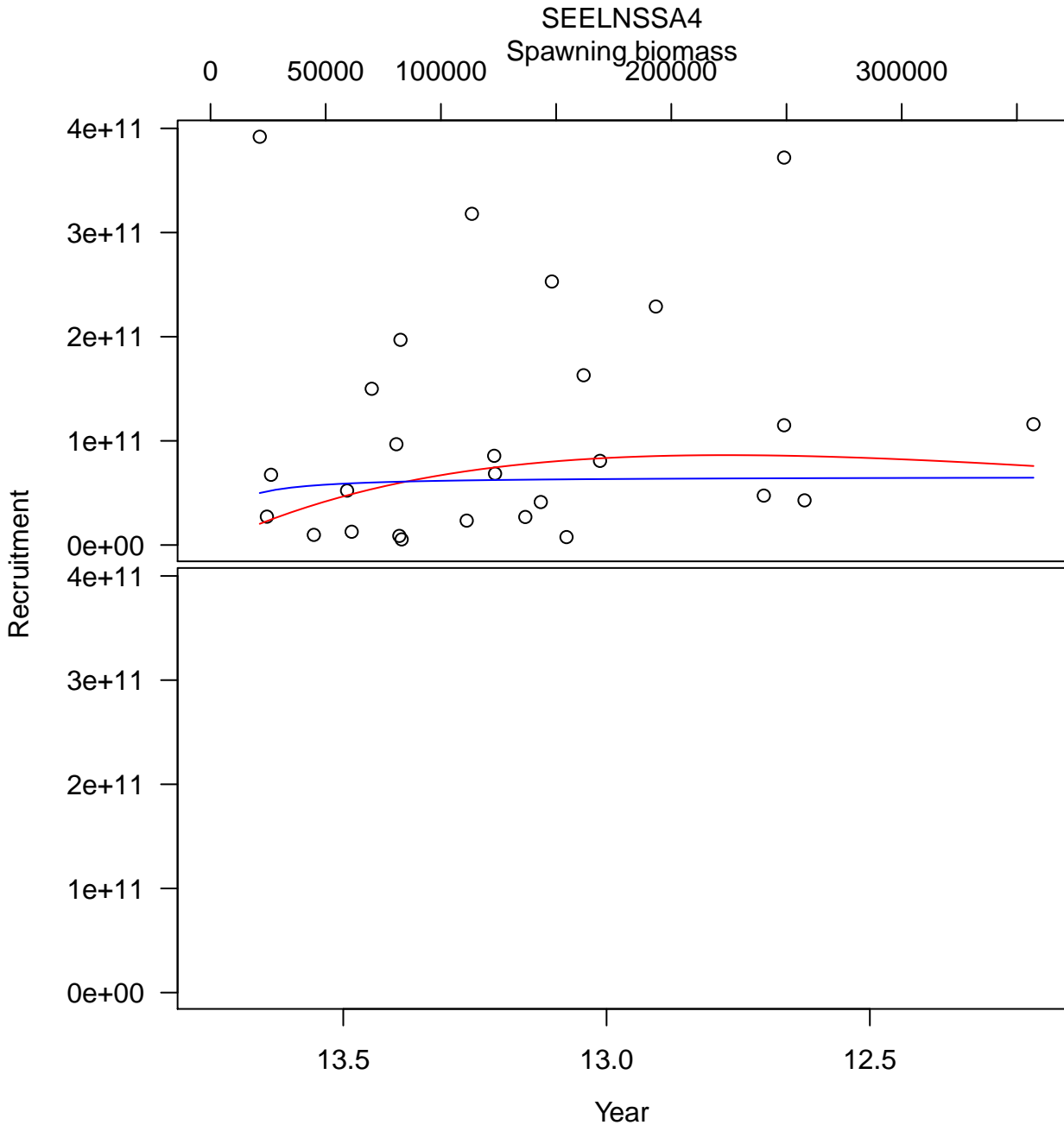
Year

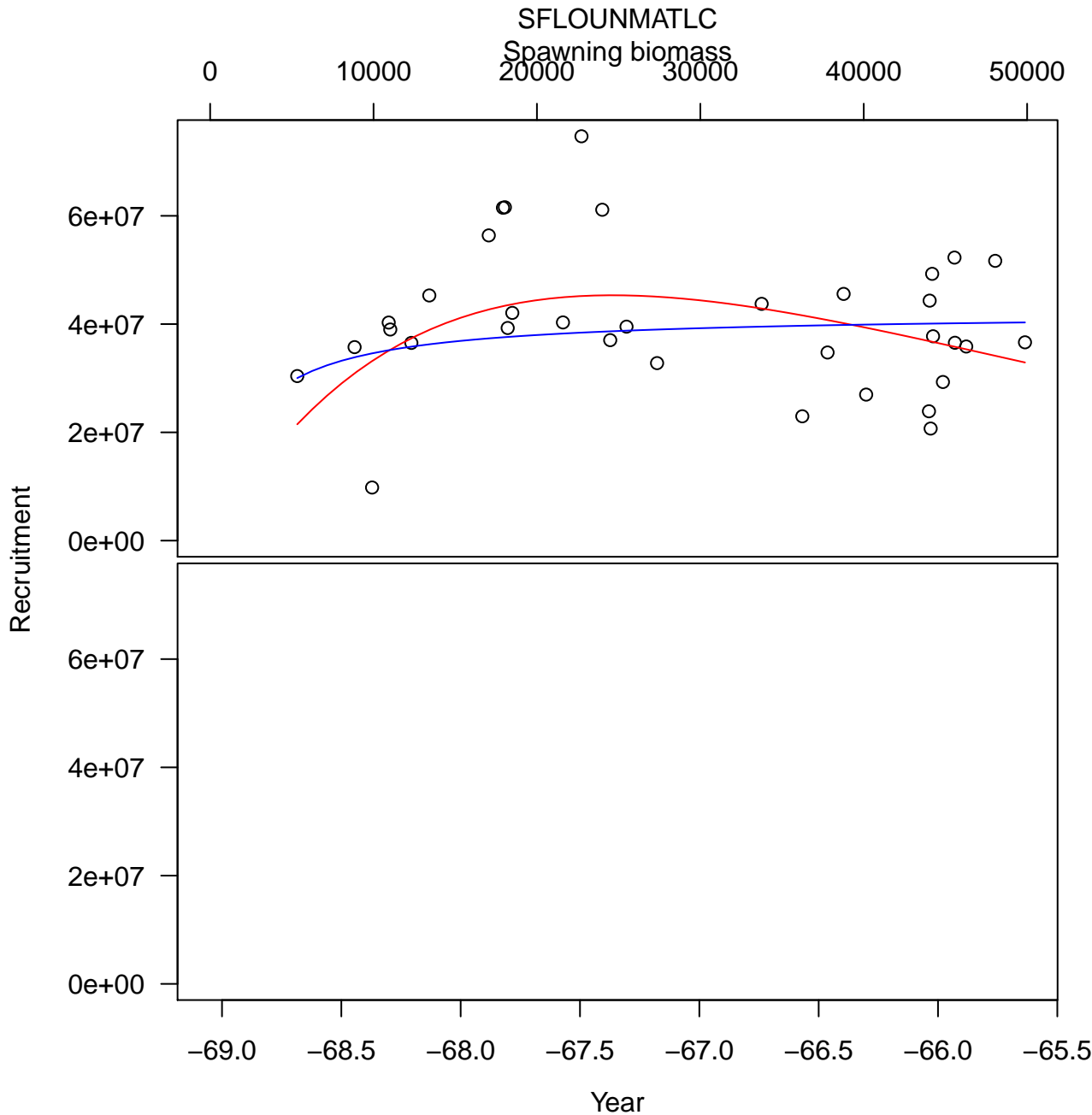






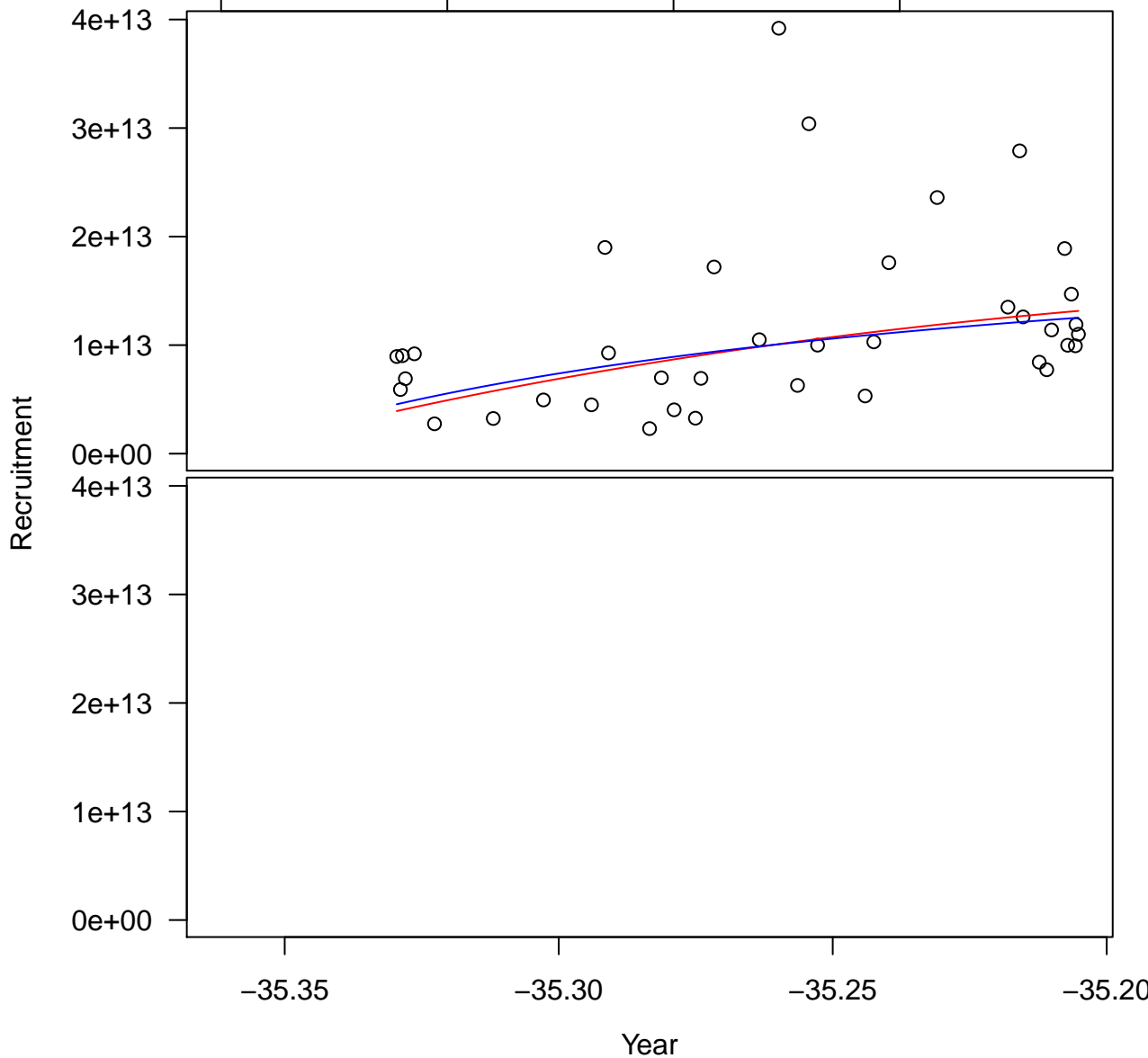






SILVERFISHSE
Spawning biomass

0 5000 10000 15000



SMOOTHOREOCR

Spawning biomass

0

20000

40000

60000

80000

100000

120000

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

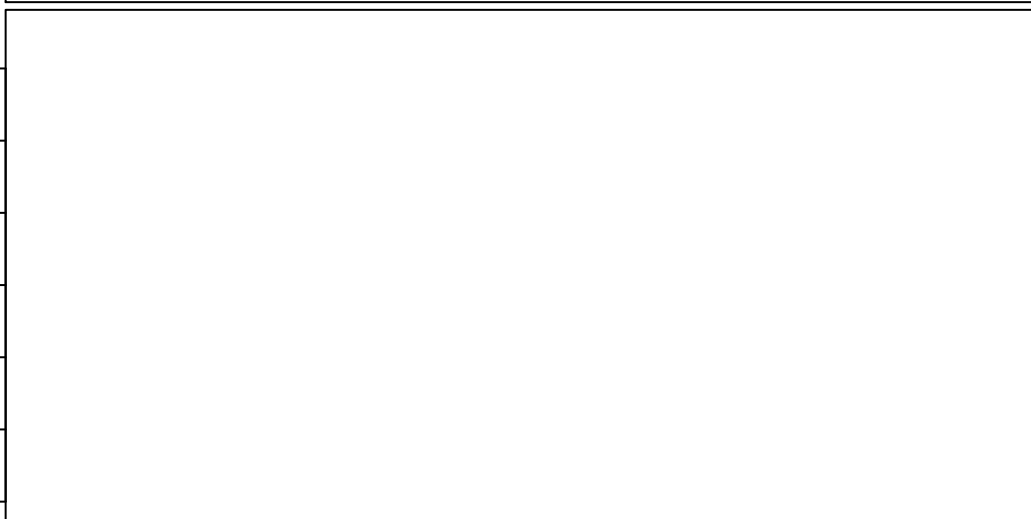
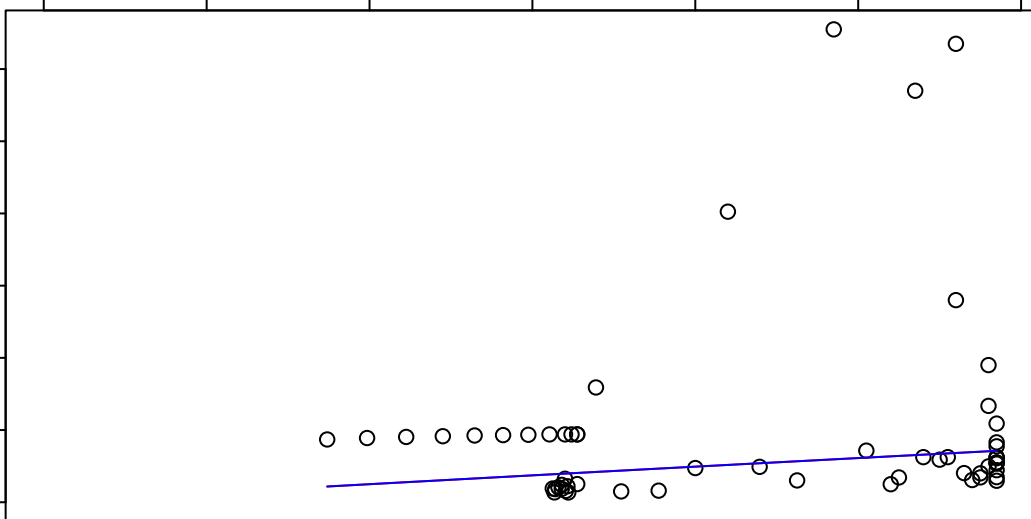
-7.0527

-7.0528

-7.0529

-7.0530

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

0.4294

0.4295

0.4296

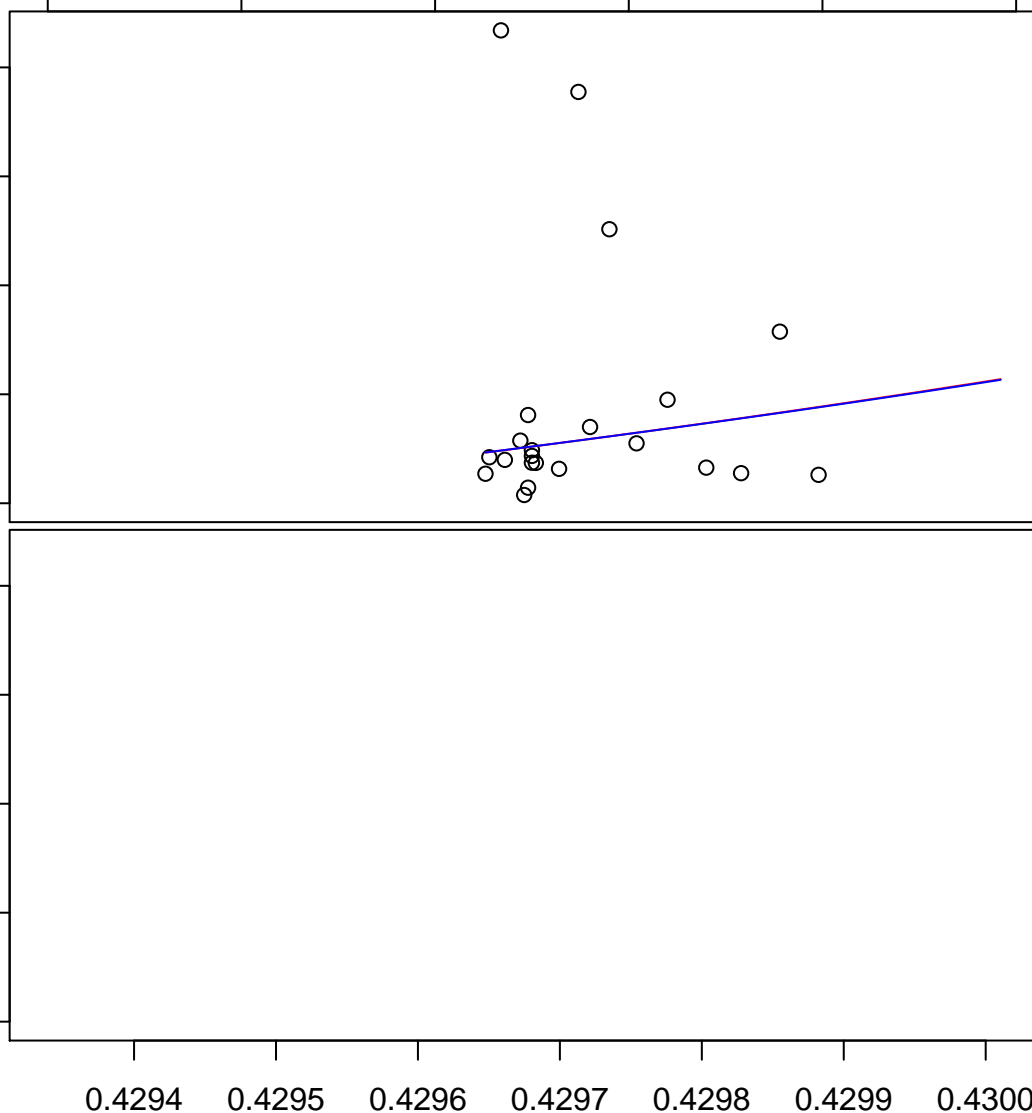
0.4297

0.4298

0.4299

0.4300

Year



SNAPSAUSSGSV

Spawning biomass

0.00 0.05 0.10 0.15 0.20 0.25

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

20.6192

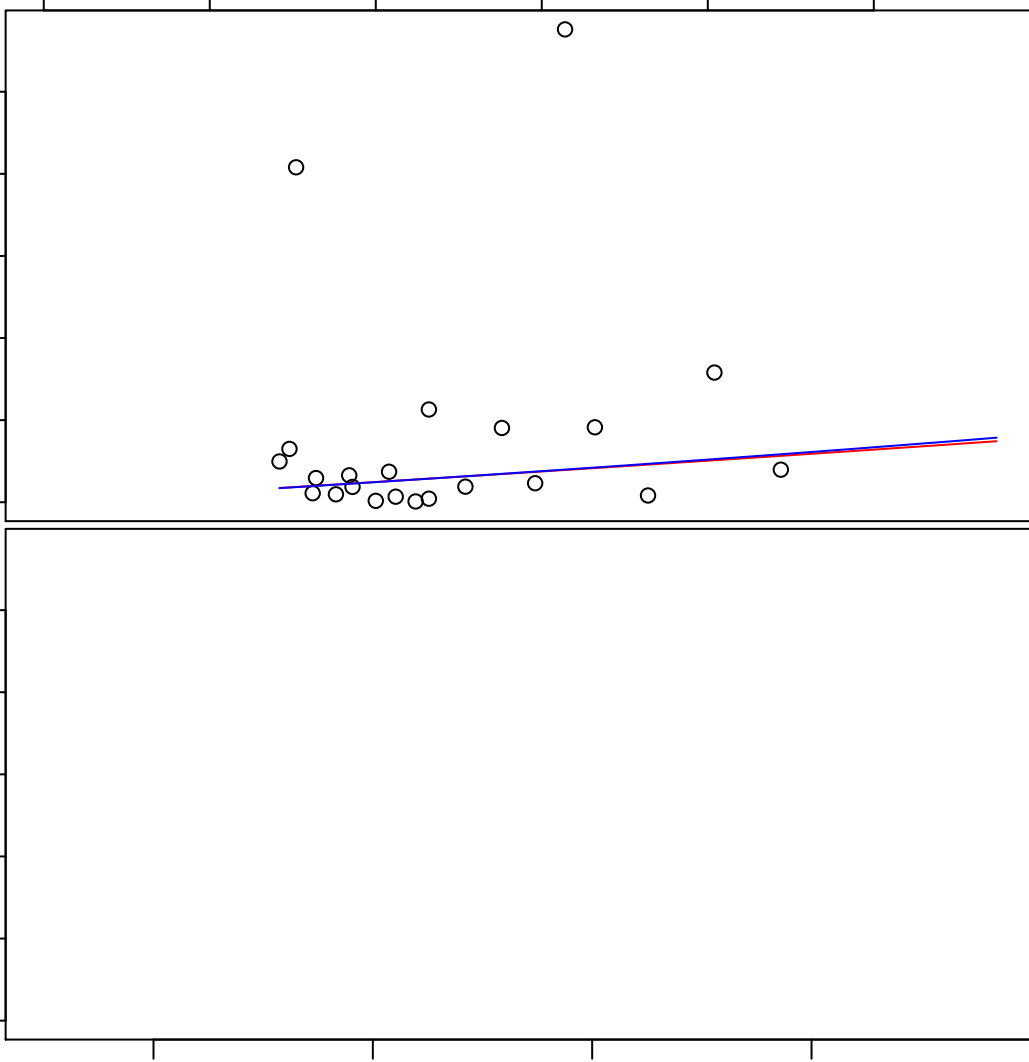
20.6190

20.6188

20.6186

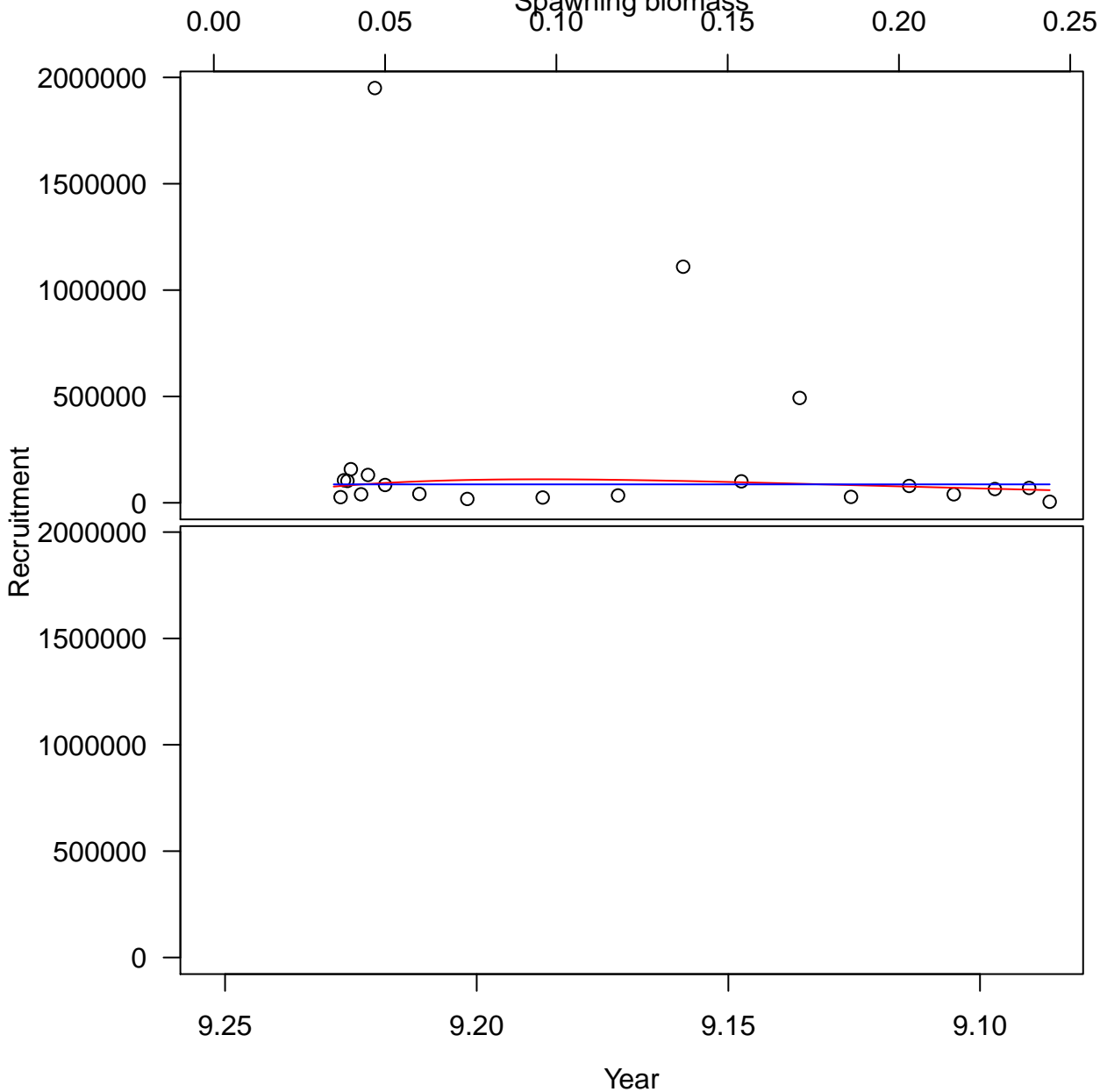
20.6184

Year



SNAPSAUSSSG

Spawning biomass



SNOWCRABBS

Spawning biomass

0 50000 100000 150000 200000 250000

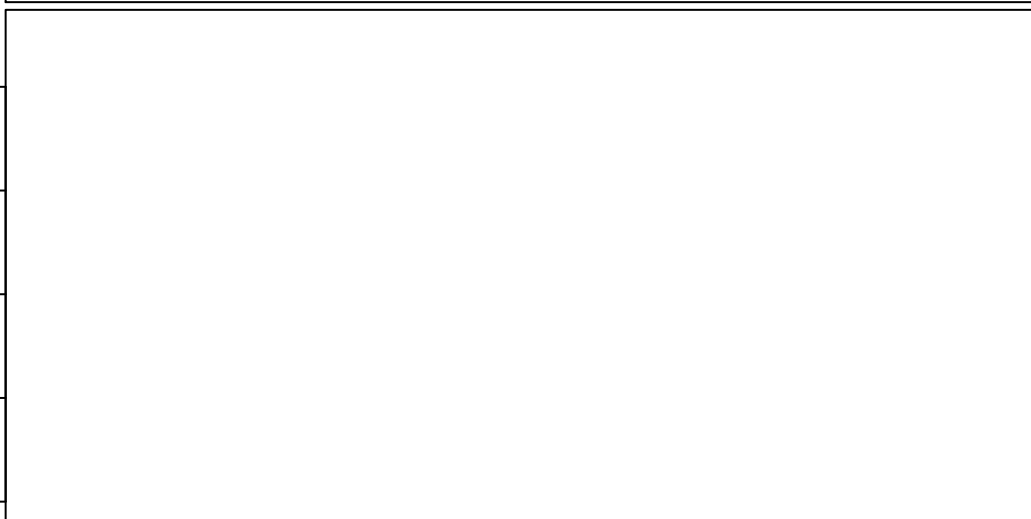
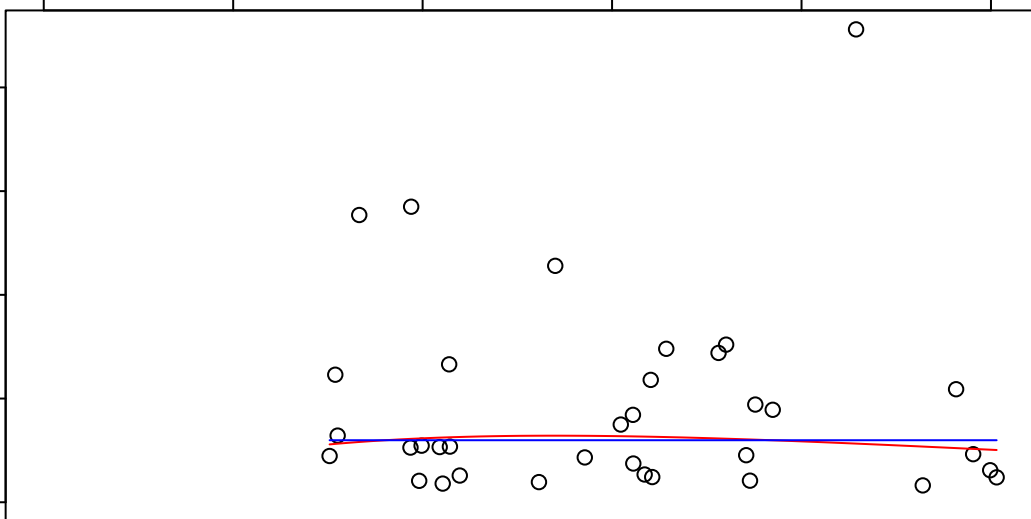
Recruitment

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

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

-11.175 -11.170 -11.165 -11.160 -11.155 -11.150

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

-28

-27

-26

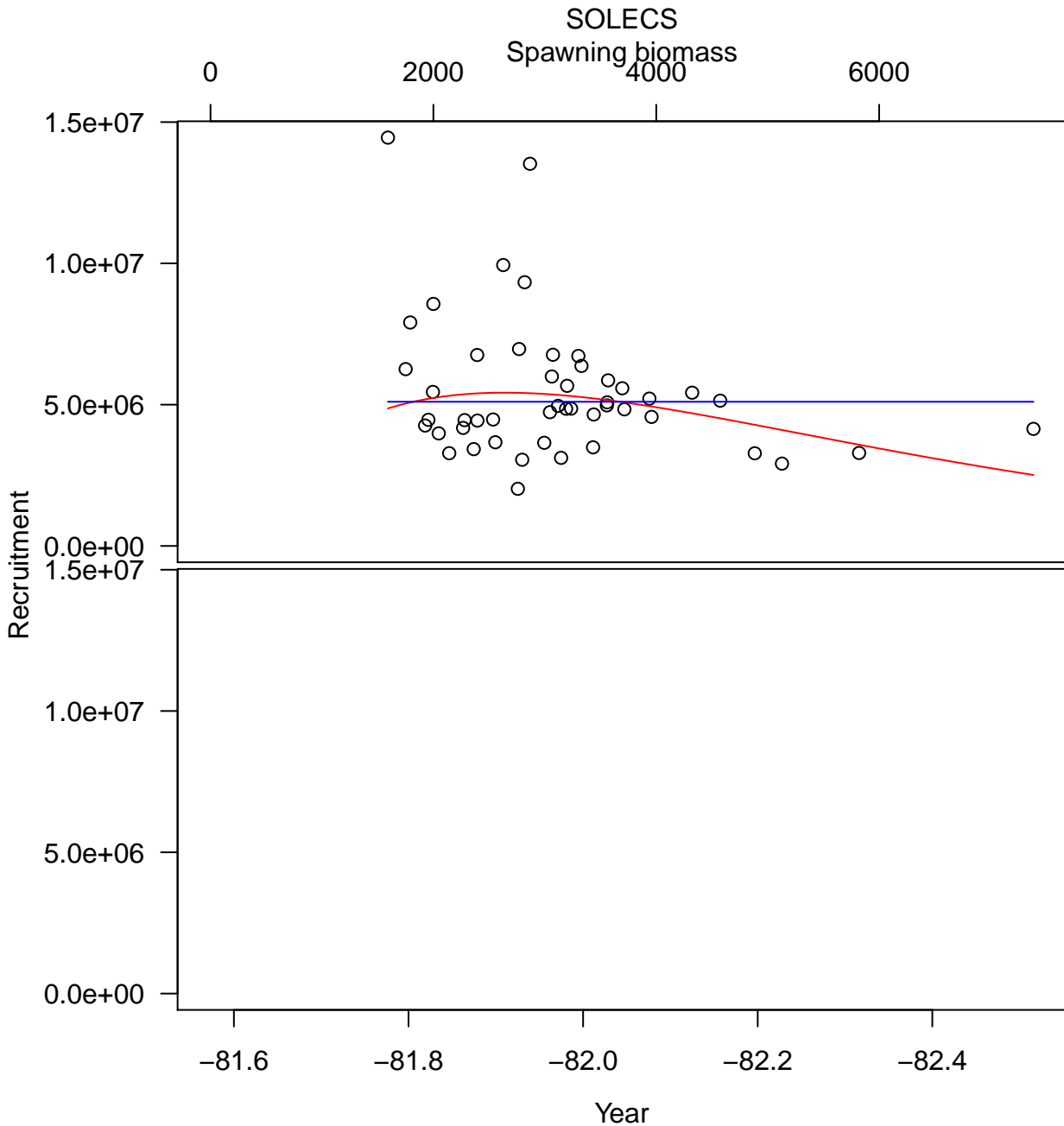
-25

-24

-23

-22

Year



SOLElla.2224

Spawning biomass

0

1000

2000

3000

4000

8000

6000

4000

2000

0

Recruitment

8000

6000

4000

2000

0

-52.5

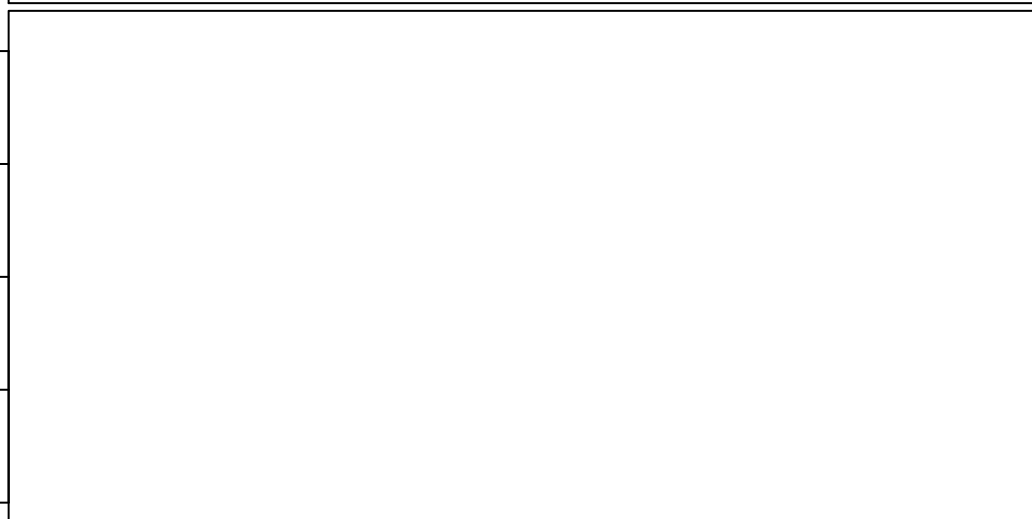
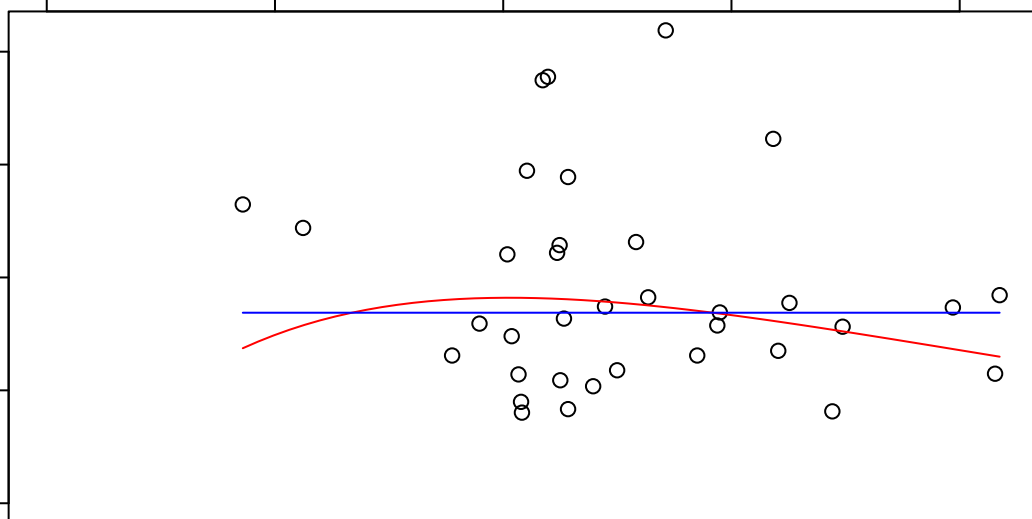
-53.0

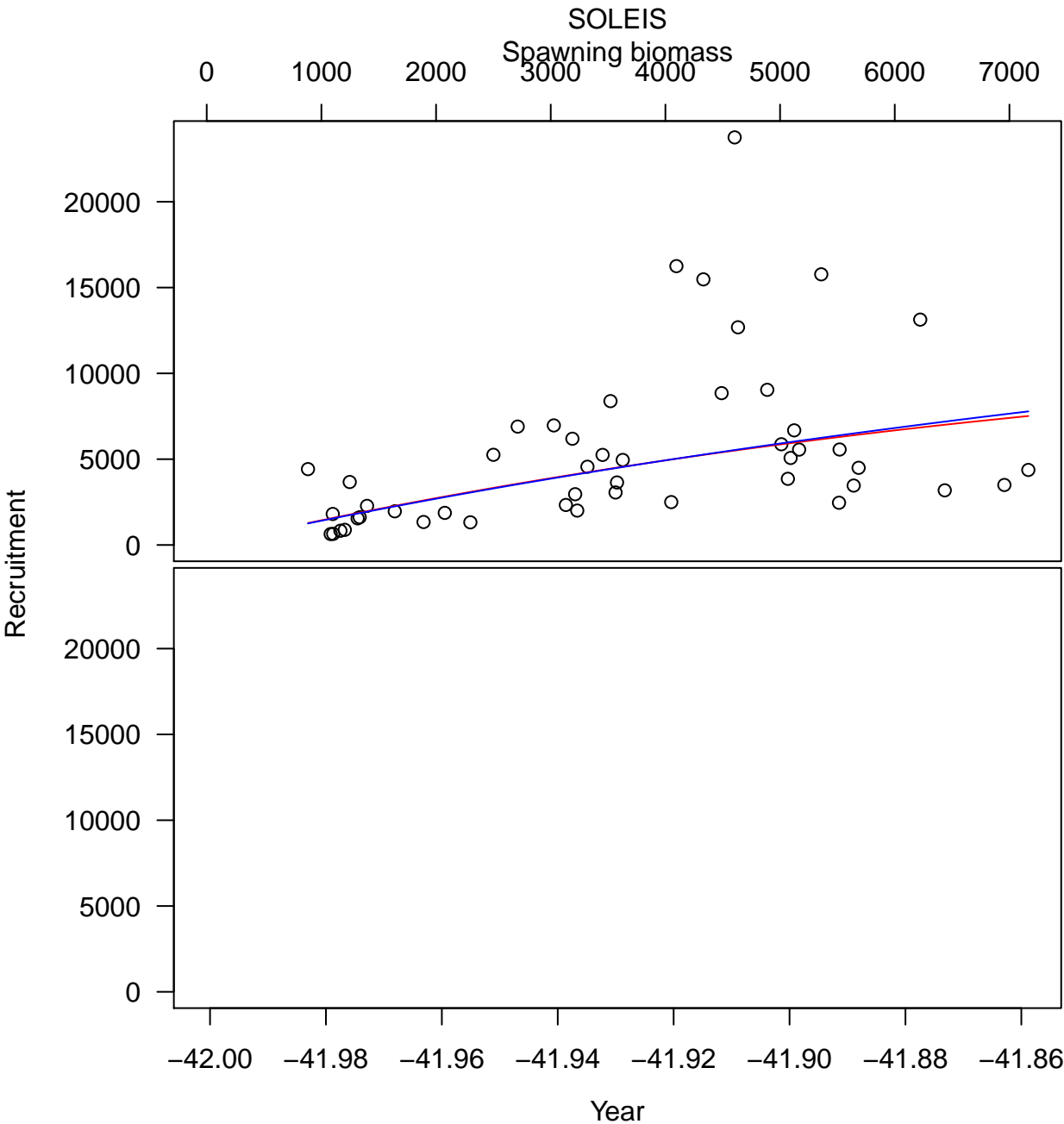
-53.5

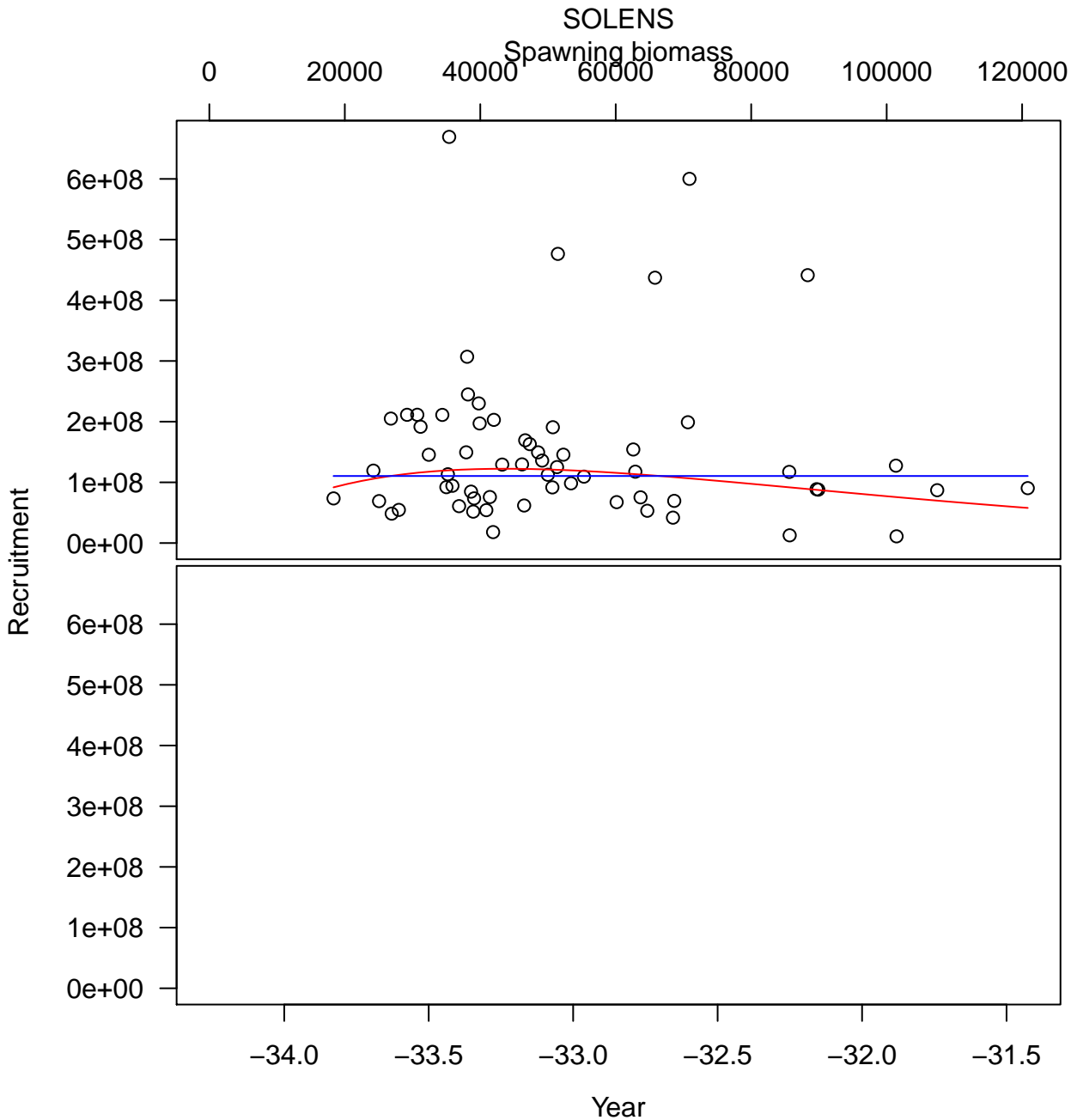
-54.0

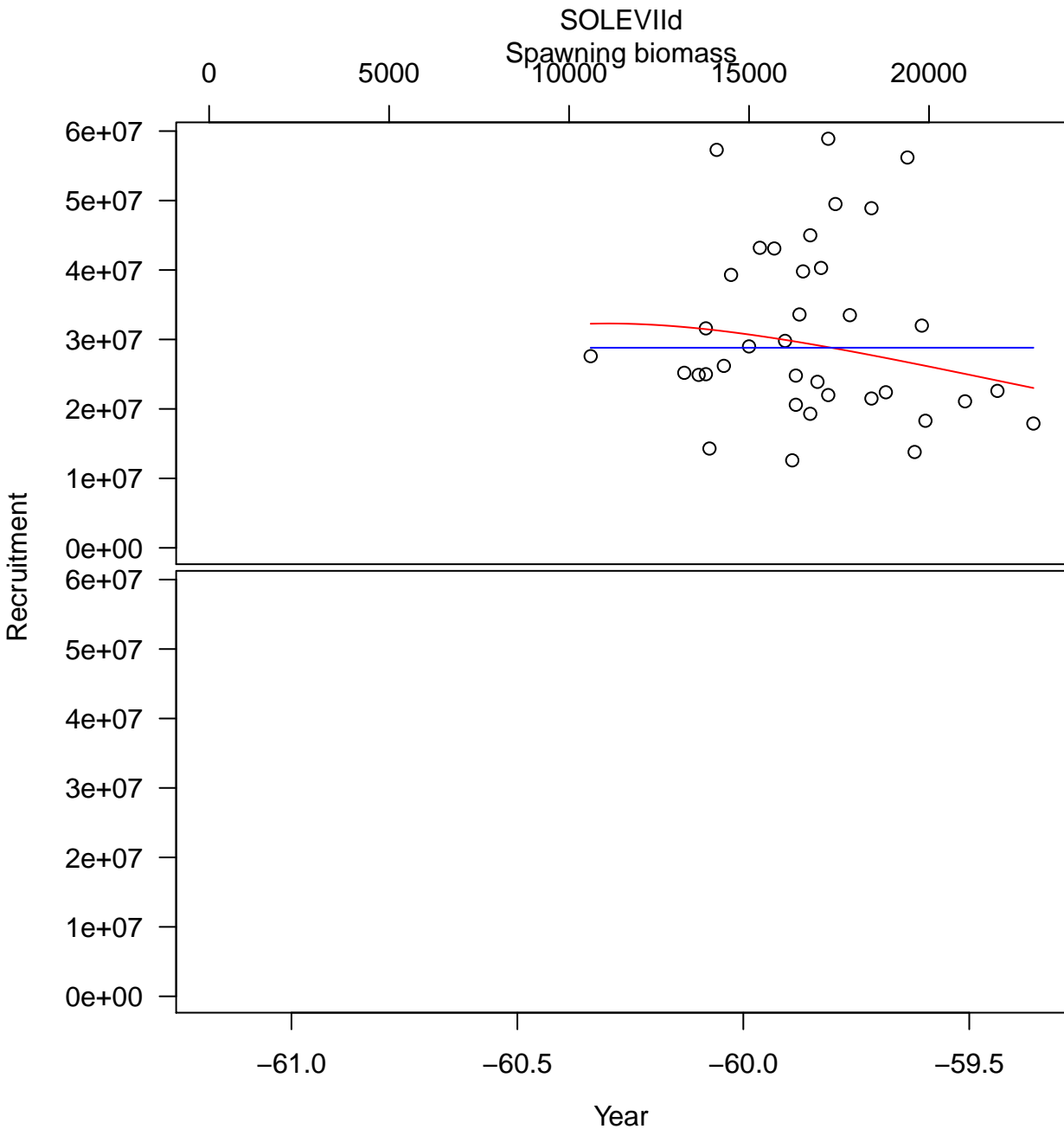
-54.5

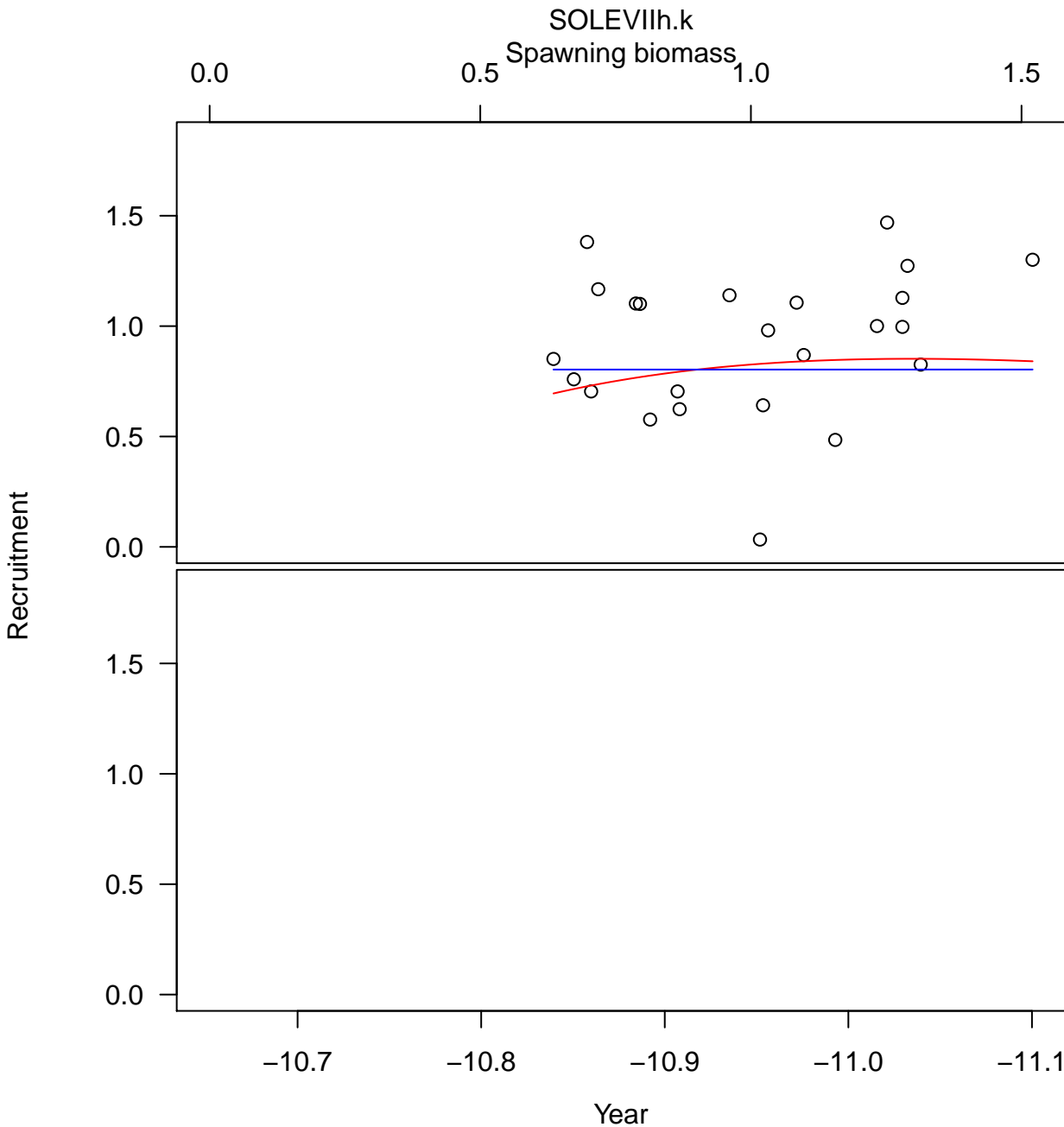
Year

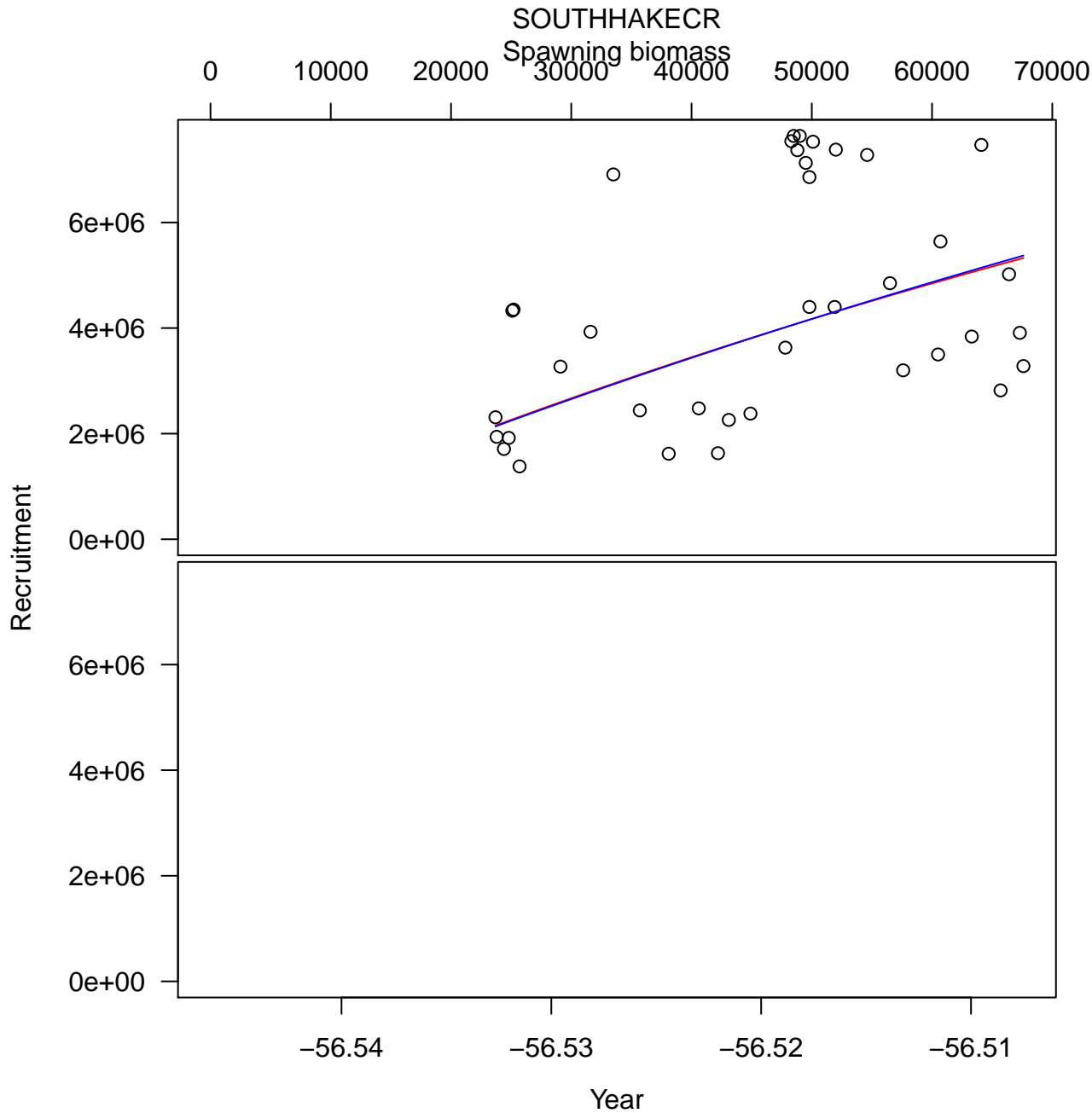












SOUTHHAKEWCSI

Spawning biomass

0

20000

40000

60000

80000

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

-70.3

-70.4

-70.5

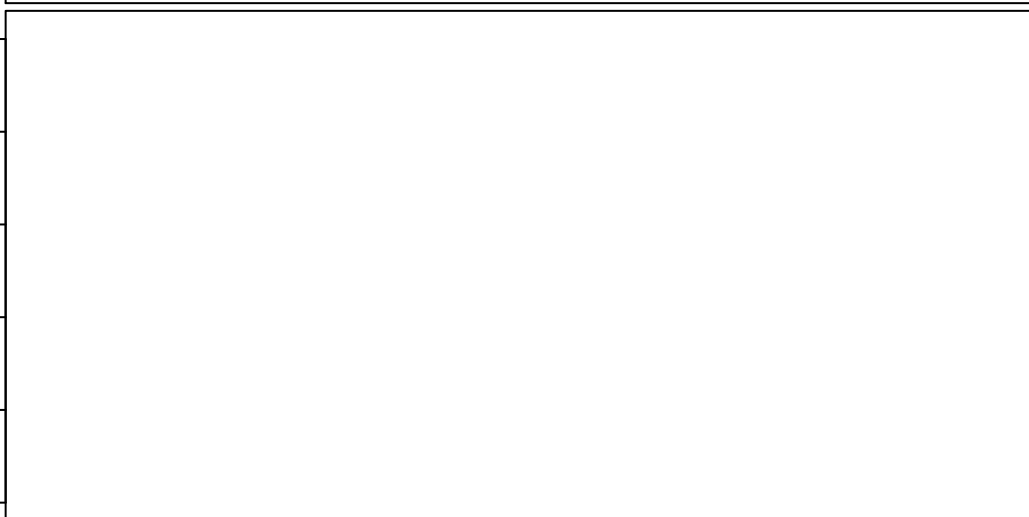
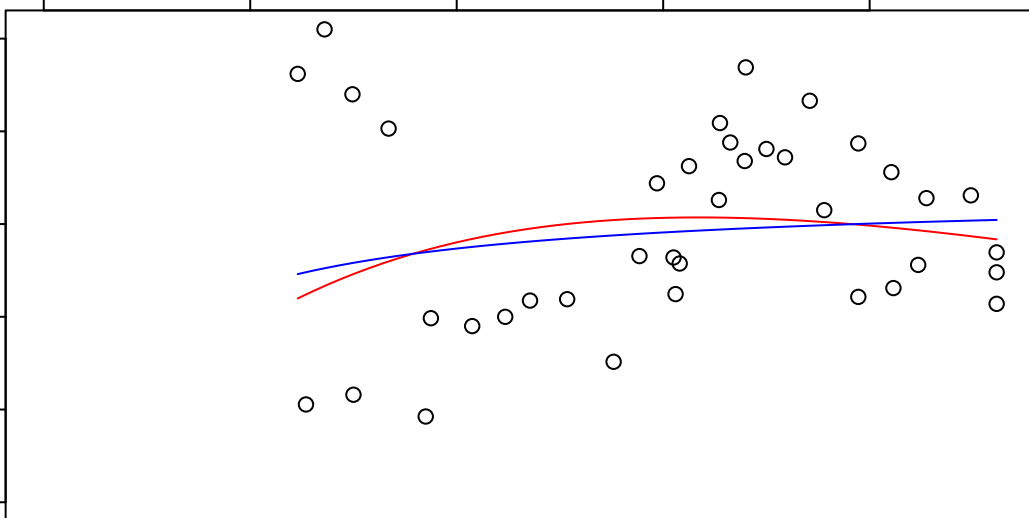
-70.6

-70.7

-70.8

-70.9

Year



SPANMACKSETO

Spawning biomass

0

2000

4000

6000

8000

10000

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

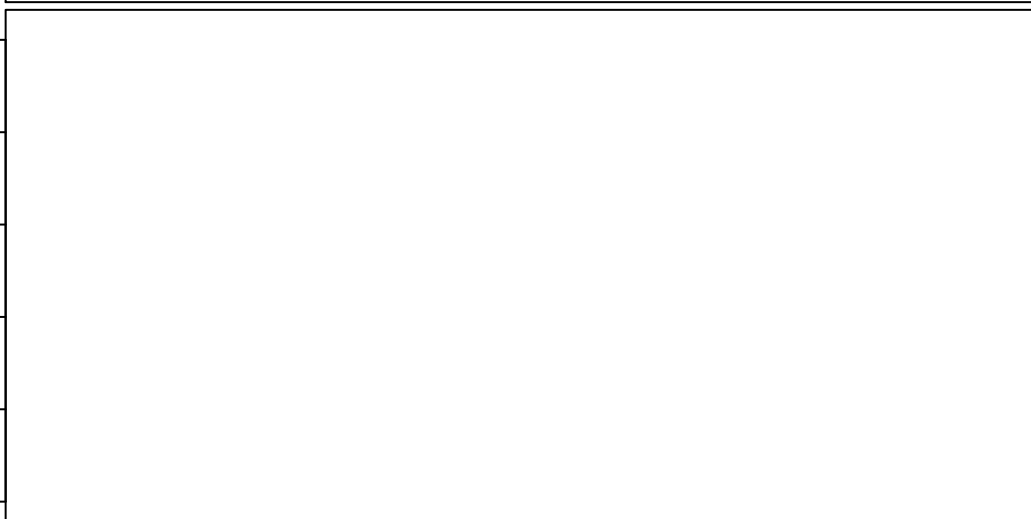
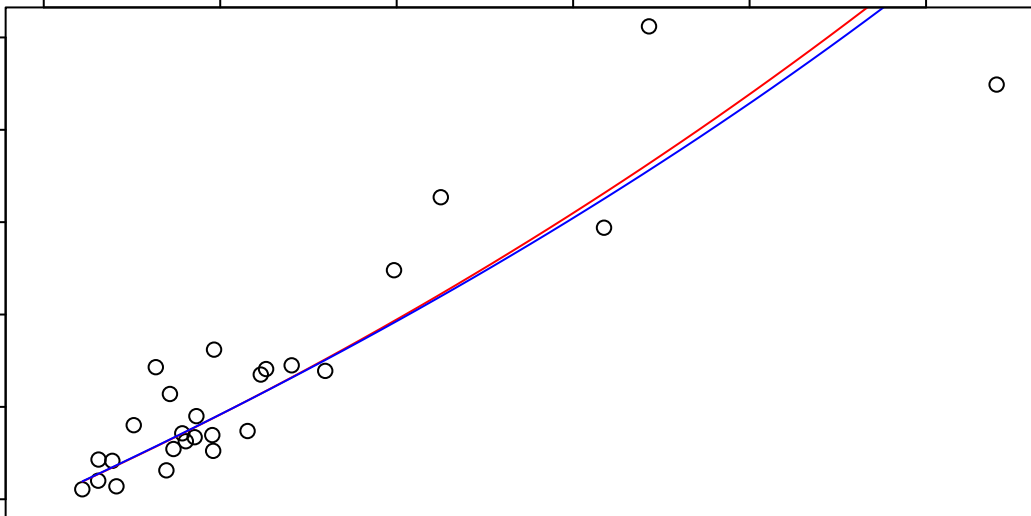
-41.80

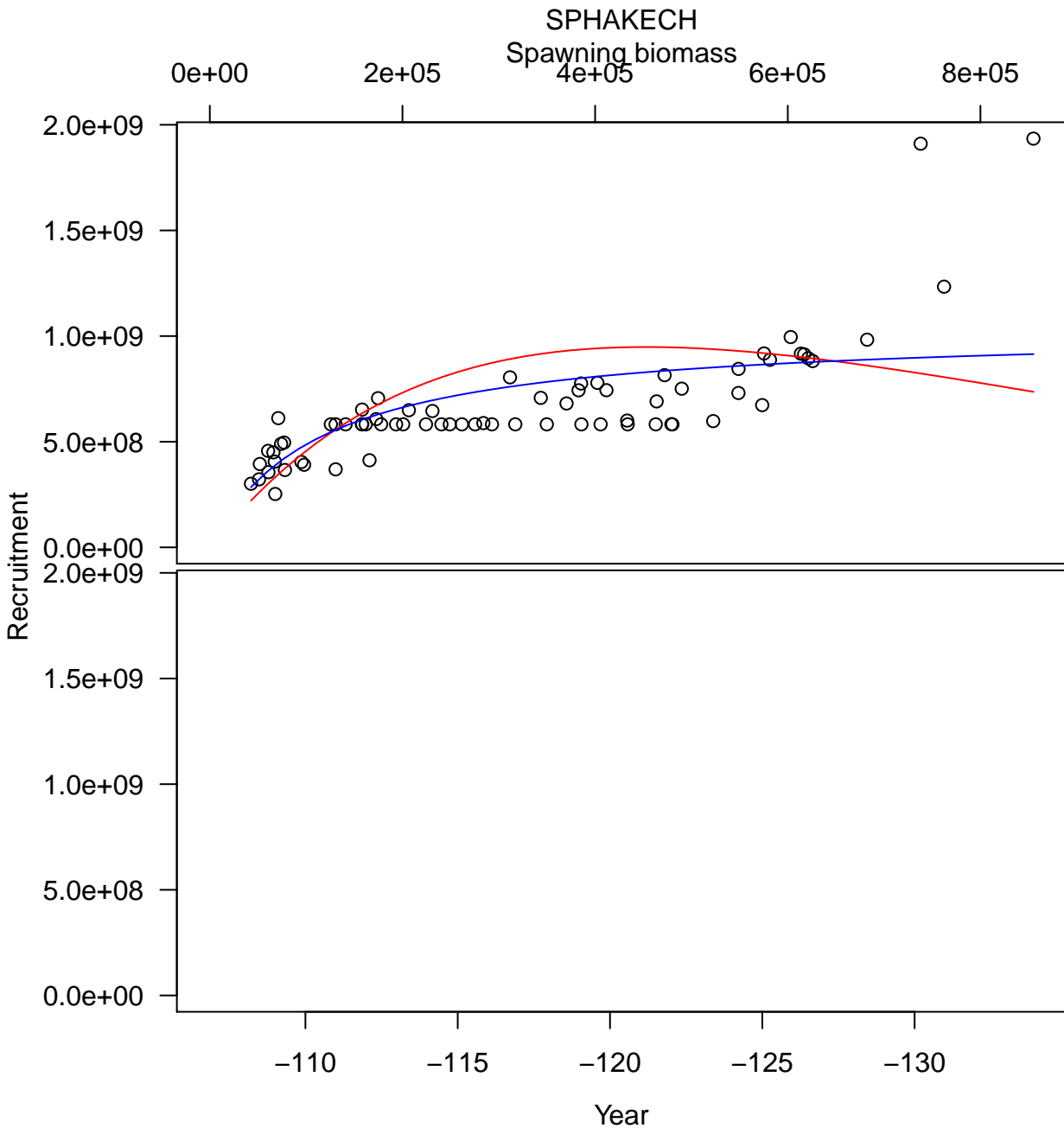
-41.78

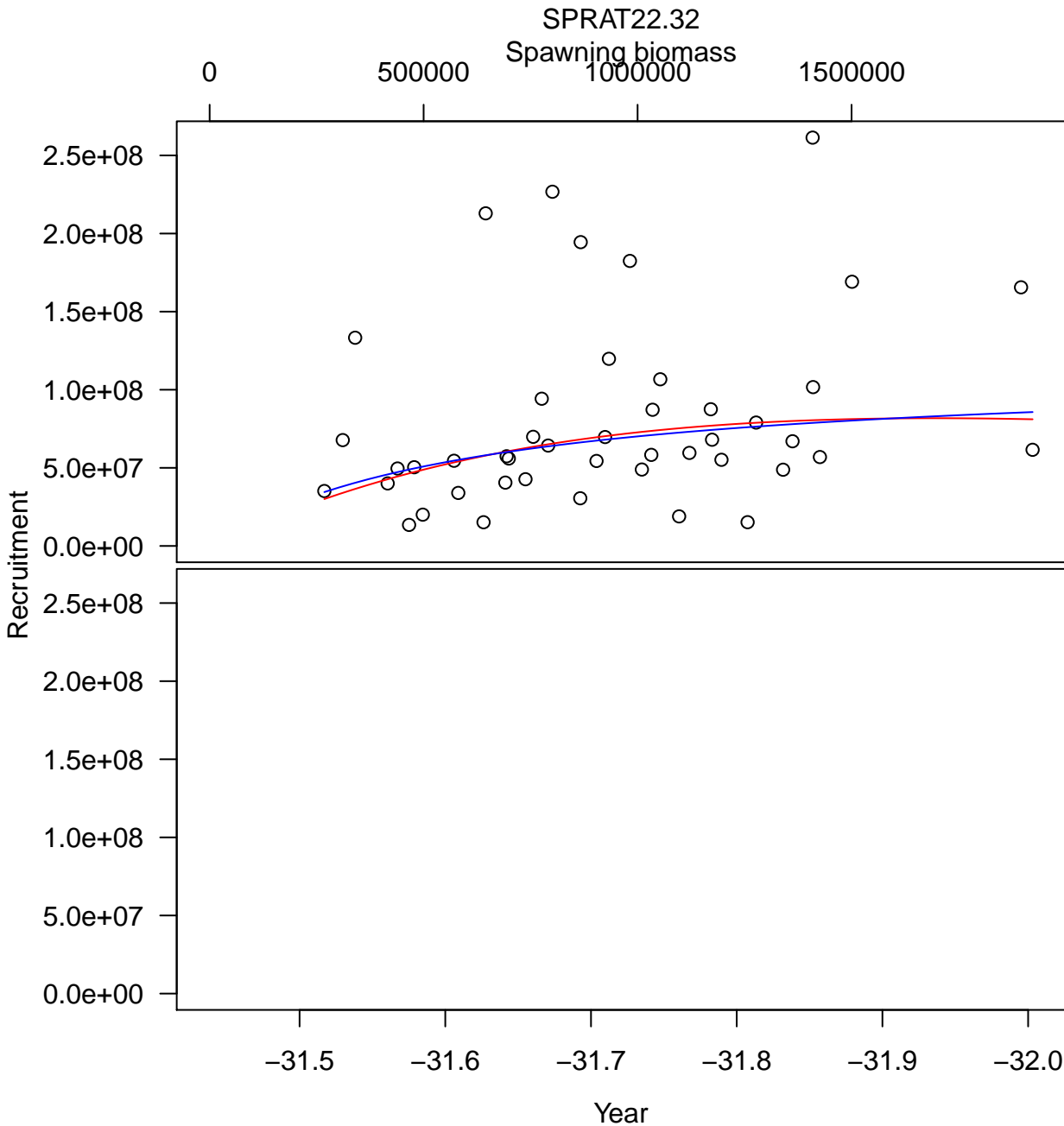
-41.76

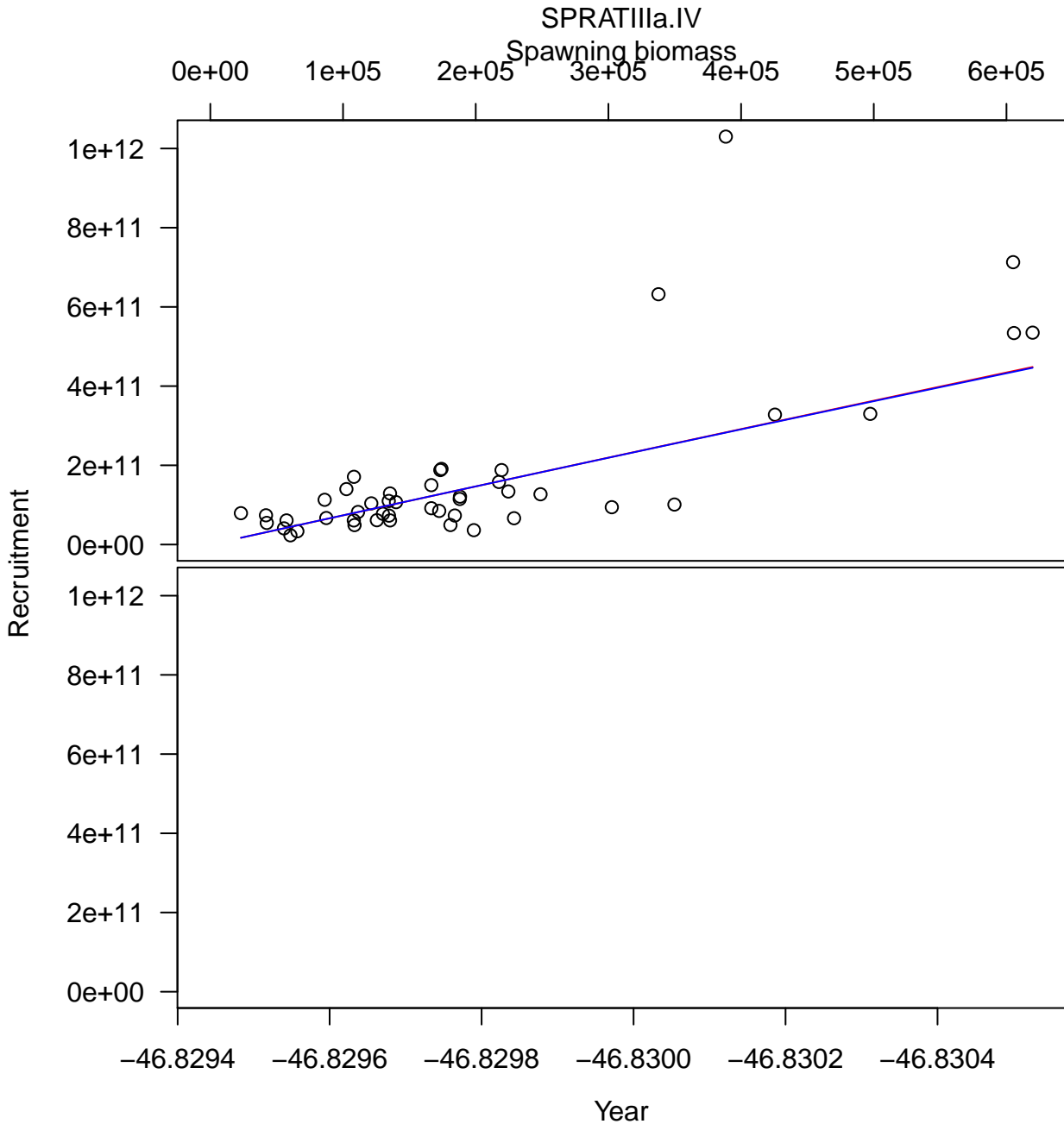
-41.74

Year









SSLOBSTERSASC

Spawning biomass

0

1000

2000

3000

4000

1.5×10^7

1.0×10^7

5.0×10^6

0.0×10^0

Recruitment

1.5×10^7

1.0×10^7

5.0×10^6

0.0×10^0

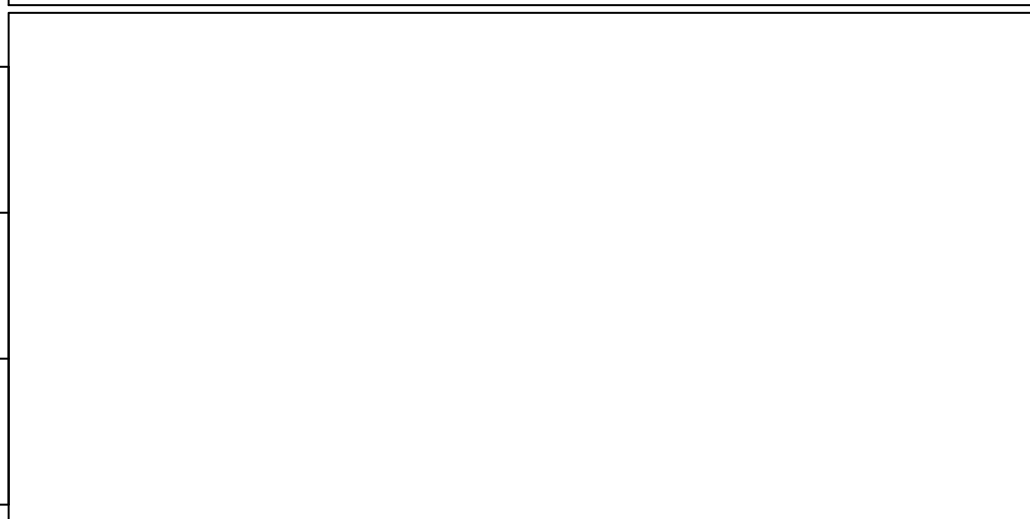
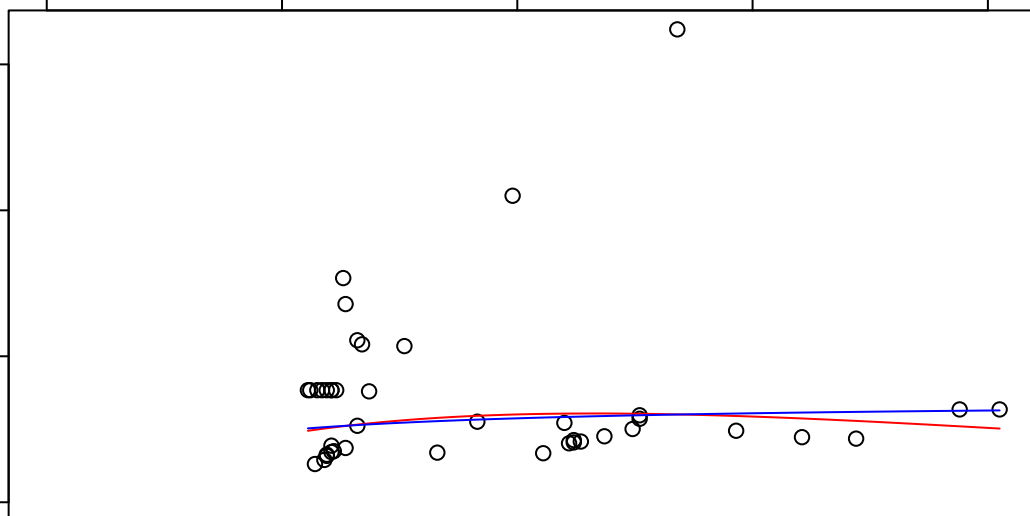
-34.7

-34.6

-34.5

-34.4

Year



STFLOUNNPCOAST

Spawning biomass

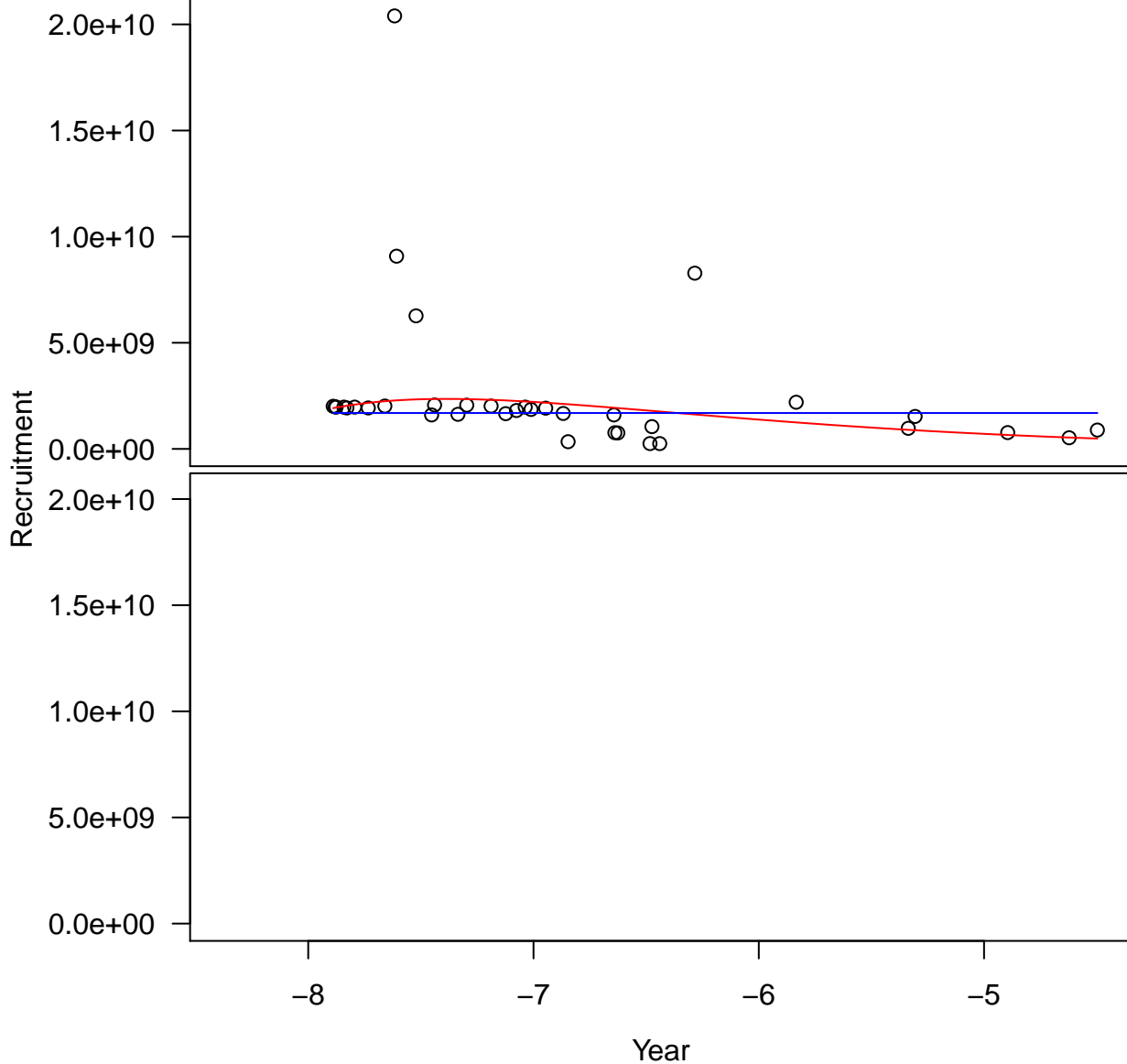
0

2000

4000

6000

8000



STFLOUNSPCOAST

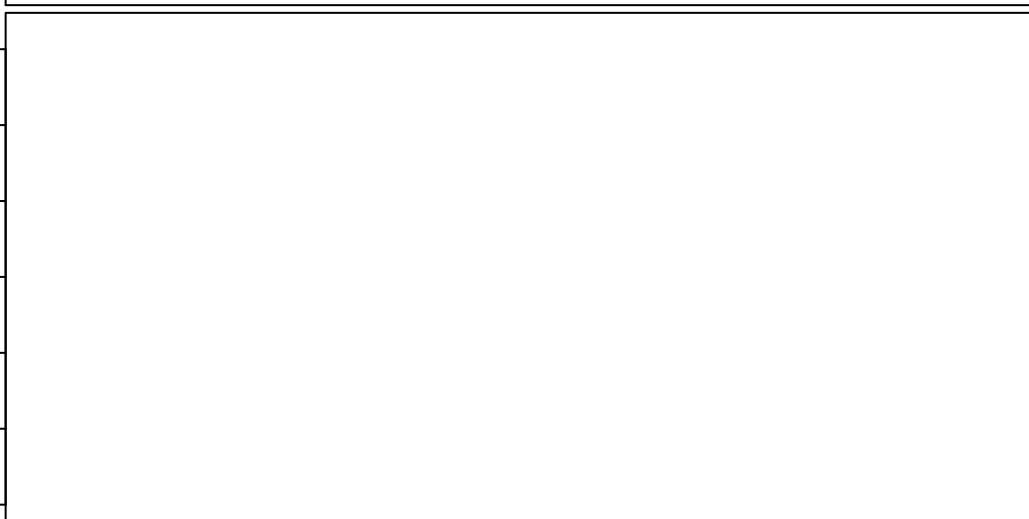
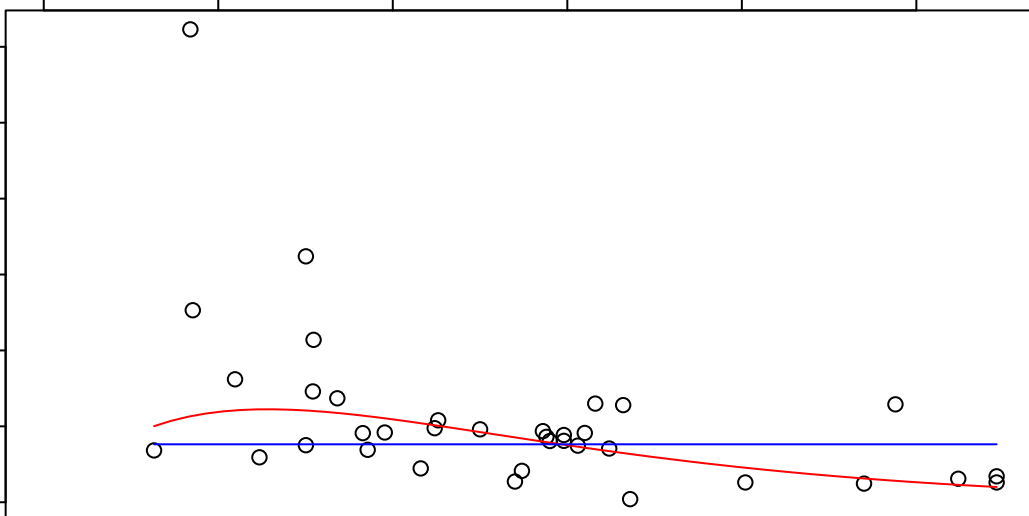
Spawning biomass

0 500 1000 1500 2000 2500

Recruitment

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

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

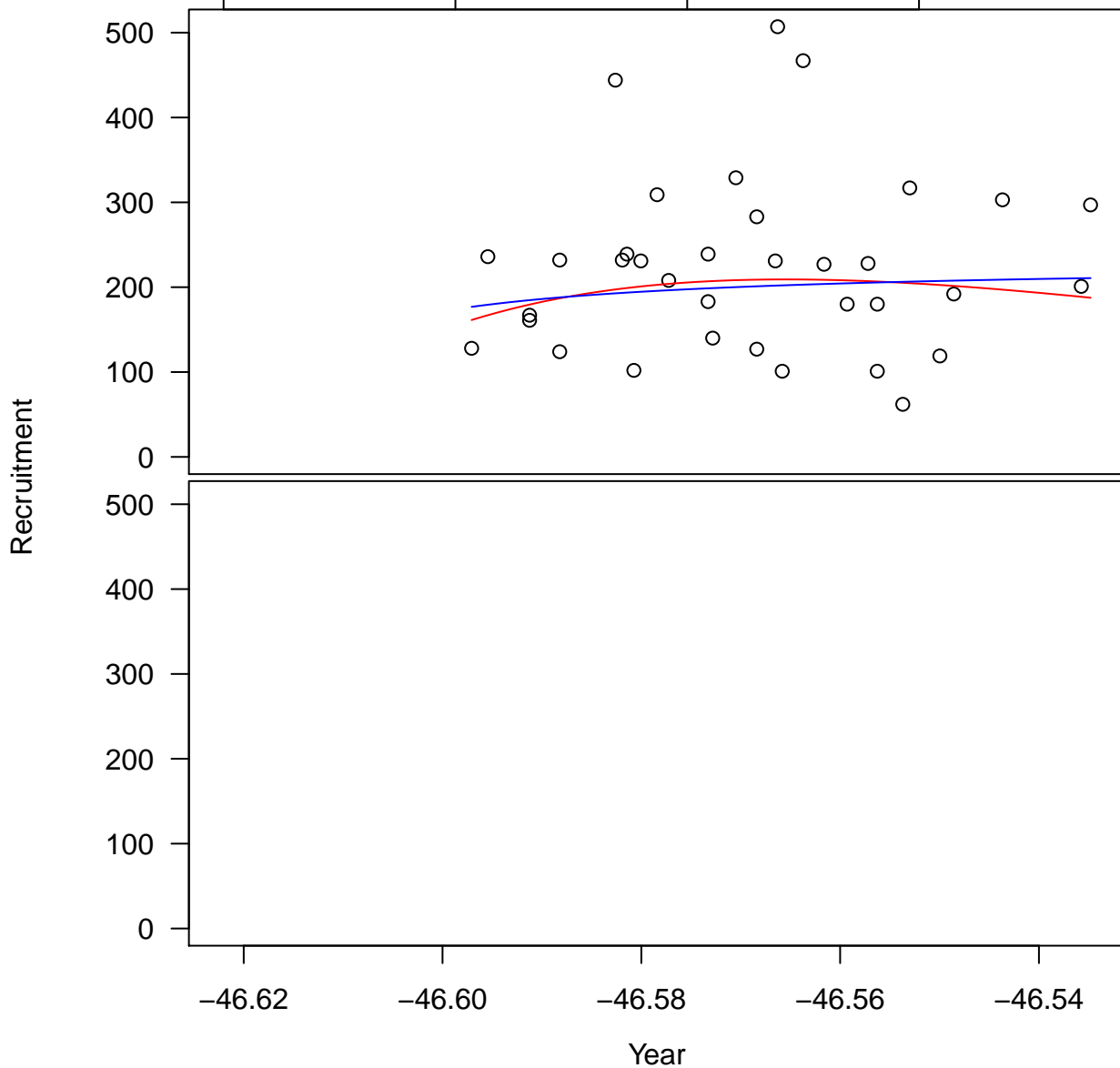


Year

-16 -14 -12 -10 -8 -6

STMARLINNEPAC
Spawning biomass

0 1000 2000 3000



STMARLINWCNPAC

Spawning biomass

0 1000 2000 3000 4000 5000

Recruitment

1500000

1000000

500000

0

1500000

1000000

500000

0

-33.6

-33.8

-34.0

-34.2

-34.4

Year

TANNERCRABBSAI

Spawning biomass

0

50000

100000

150000

200000

250000

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

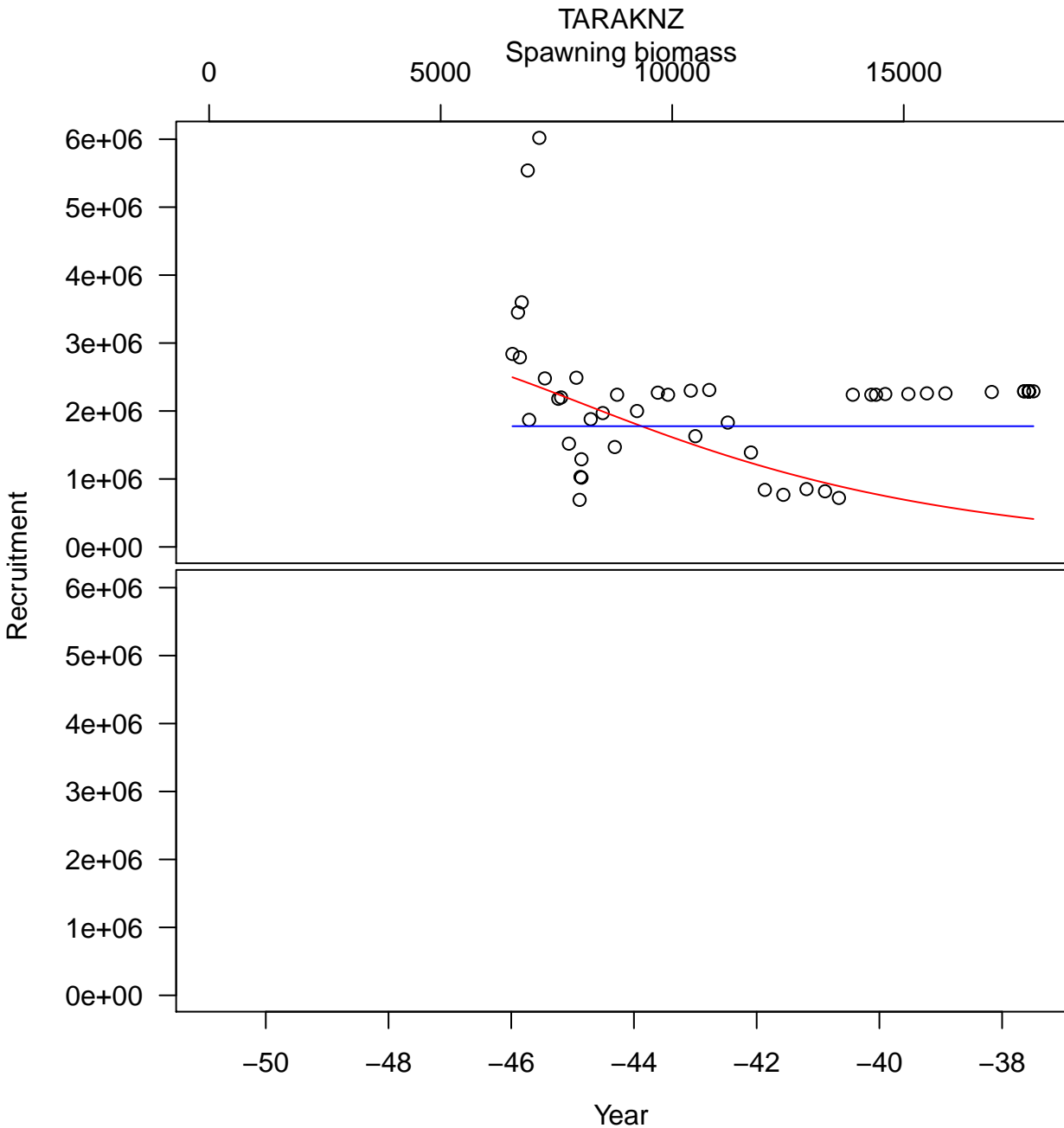
15

10

5

0

Year



THRSHARNPAC

Spawning biomass

0 50000 100000 150000 200000 250000

Recruitment

80000

60000

40000

20000

0

80000

60000

40000

20000

0

29.9146

29.9147

29.9148

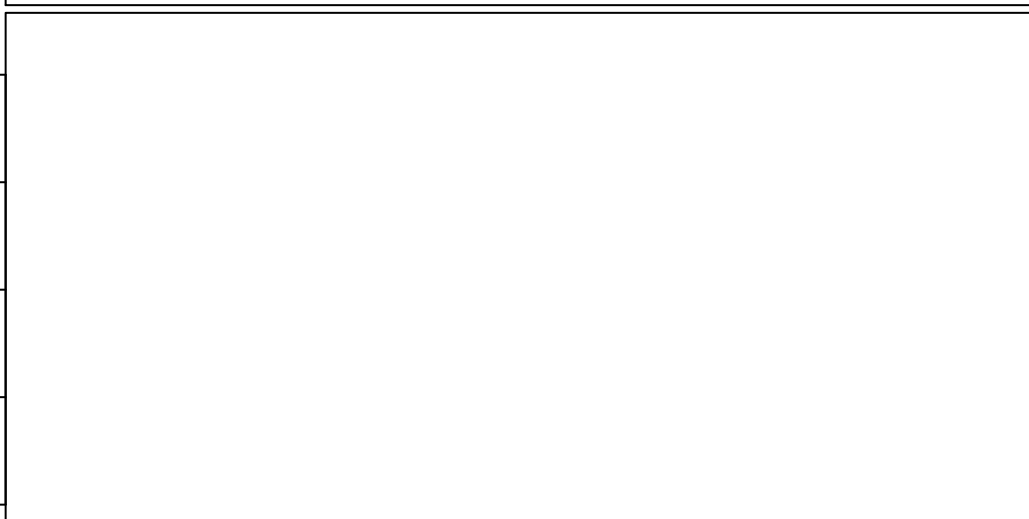
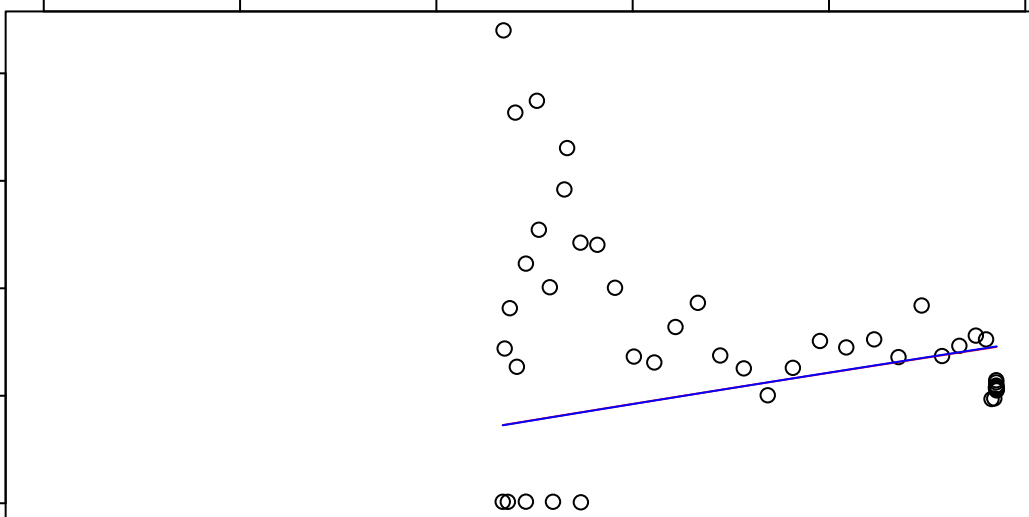
29.9149

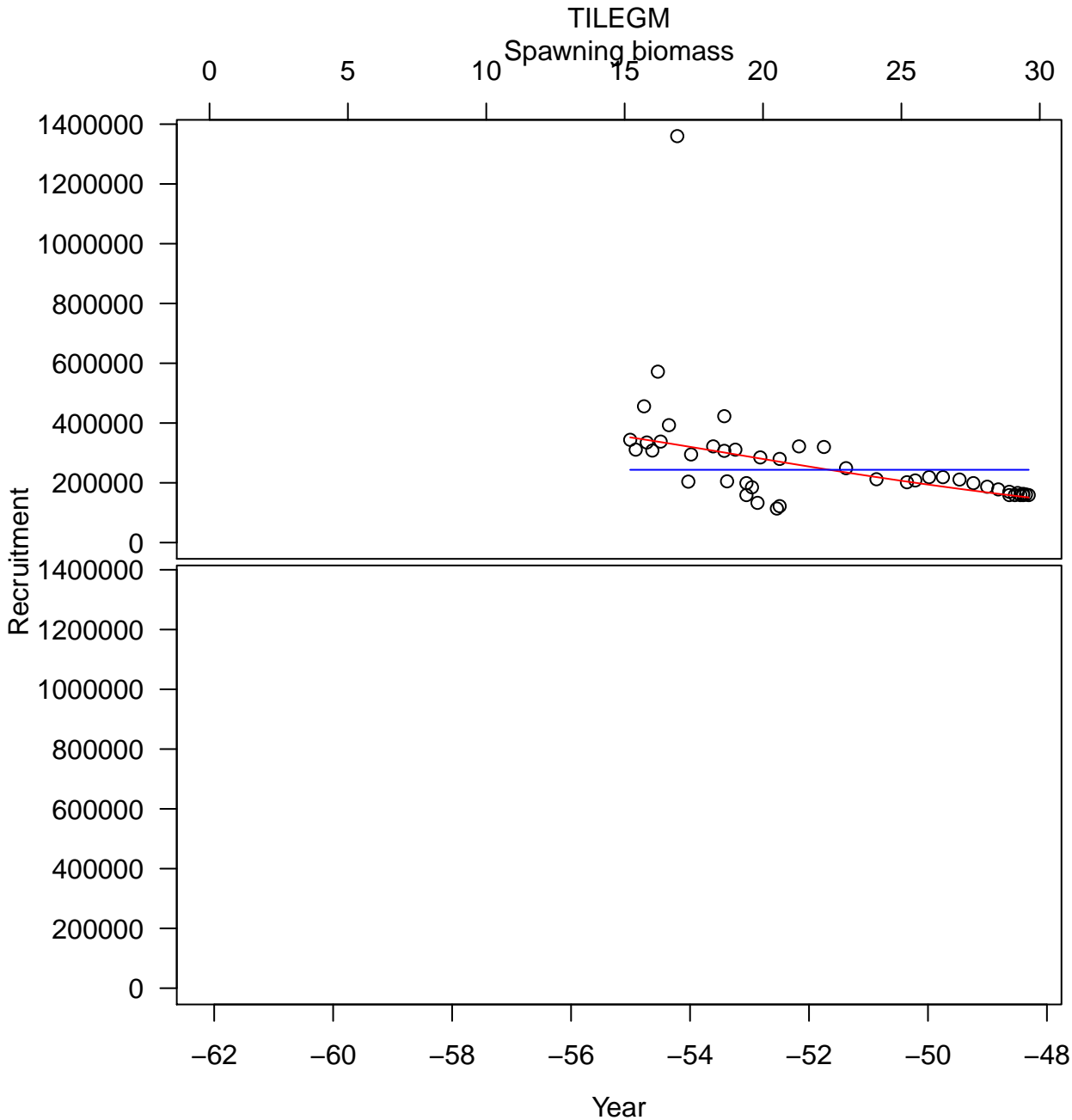
29.9150

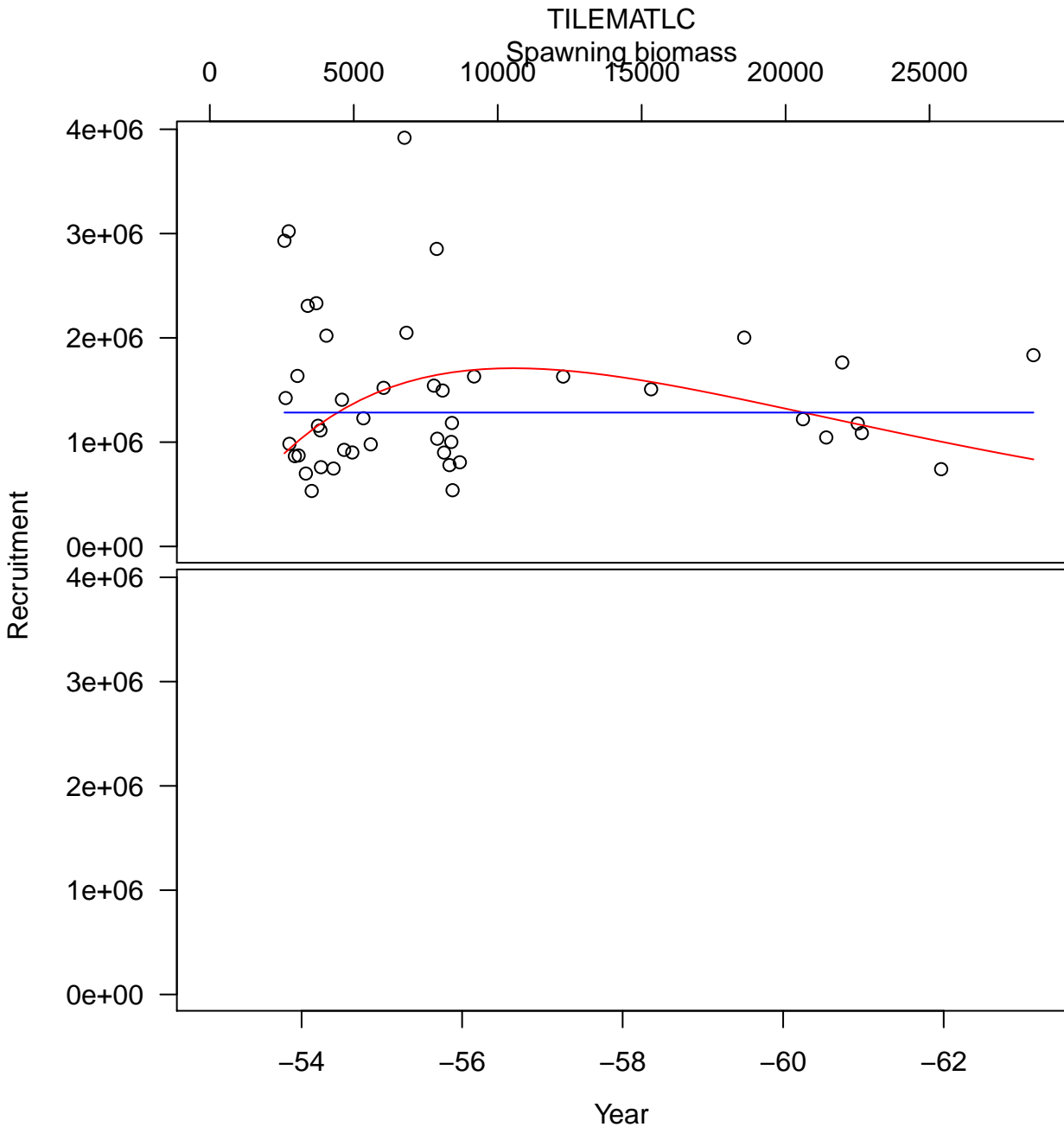
29.9151

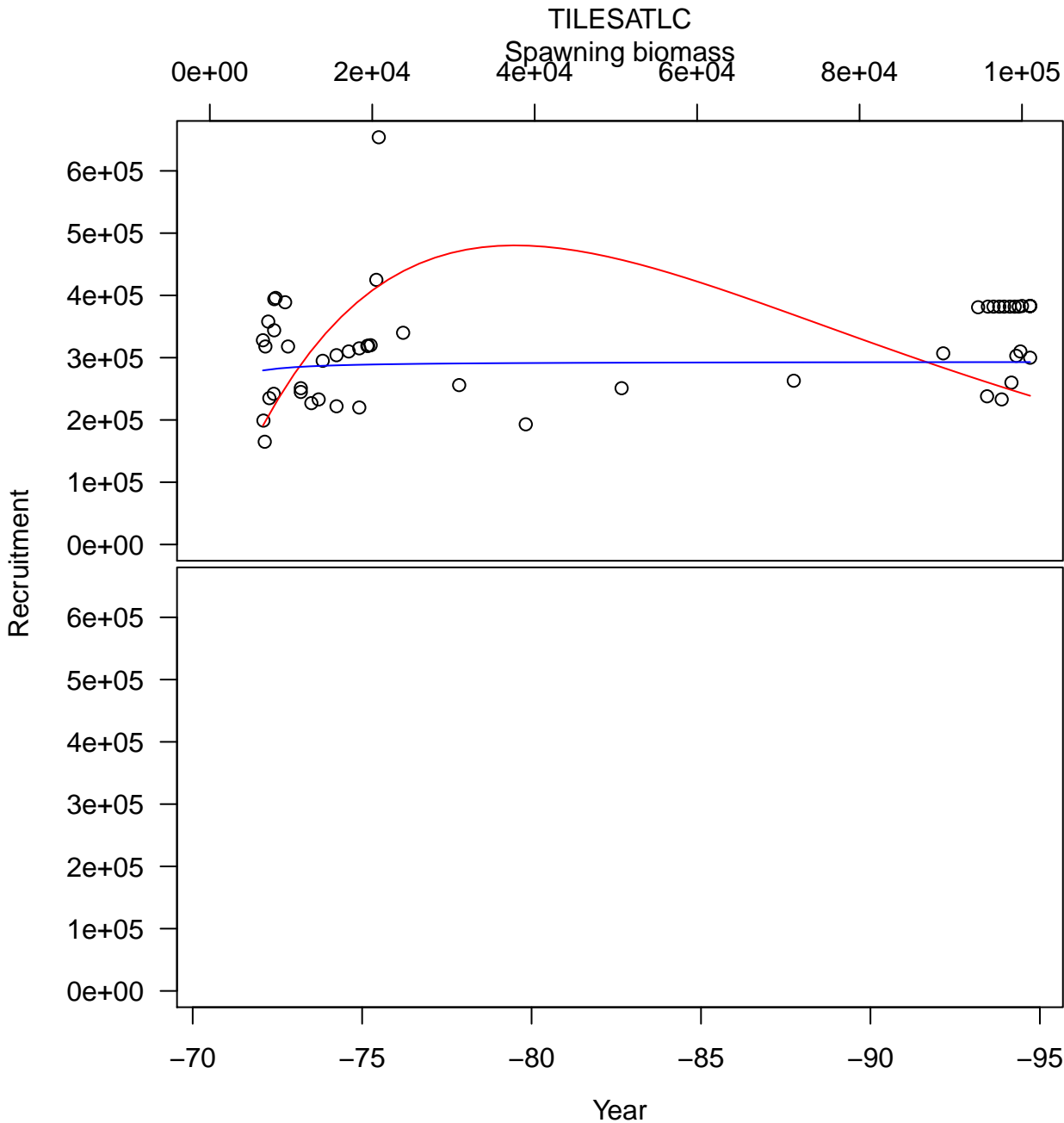
29.9152

Year









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

-94.7

-94.8

-94.9

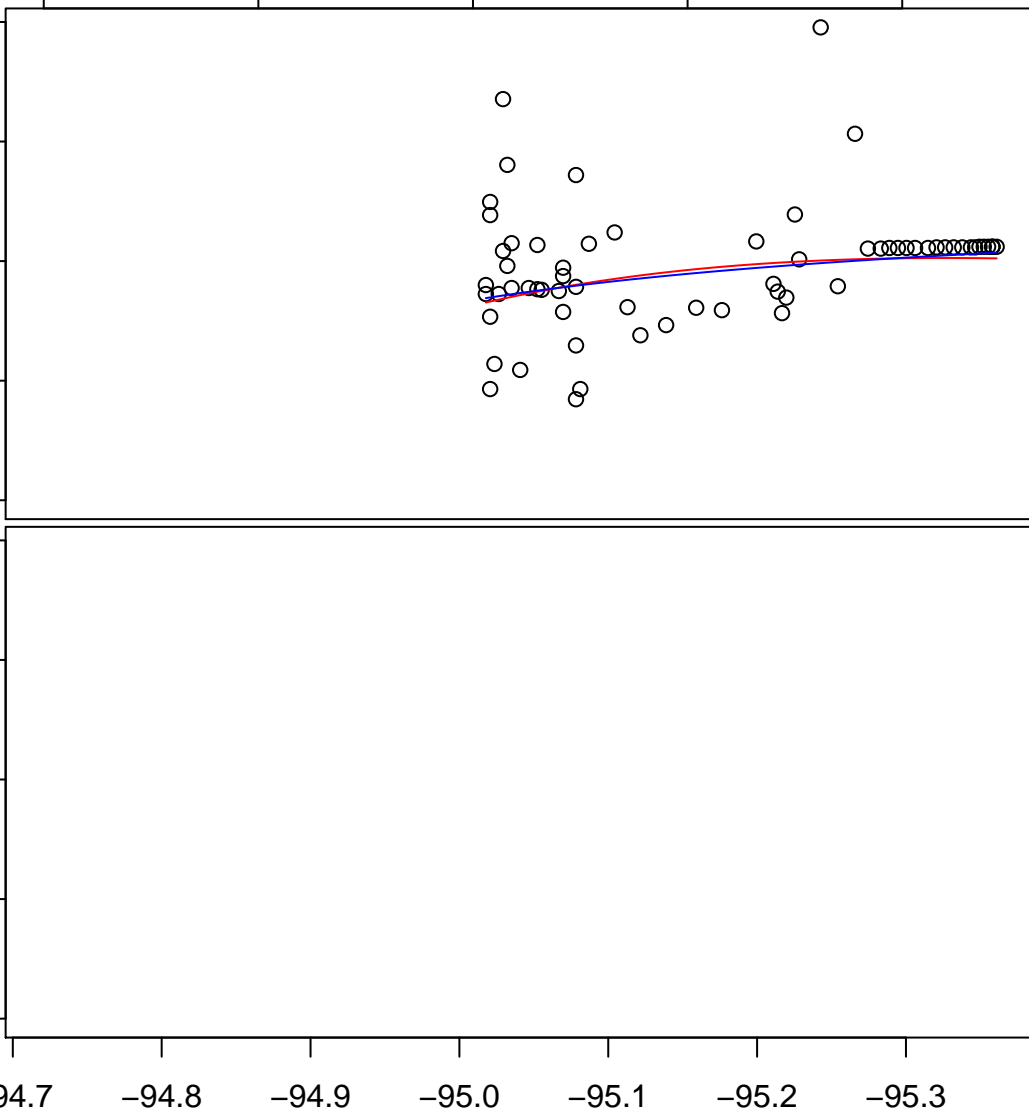
-95.0

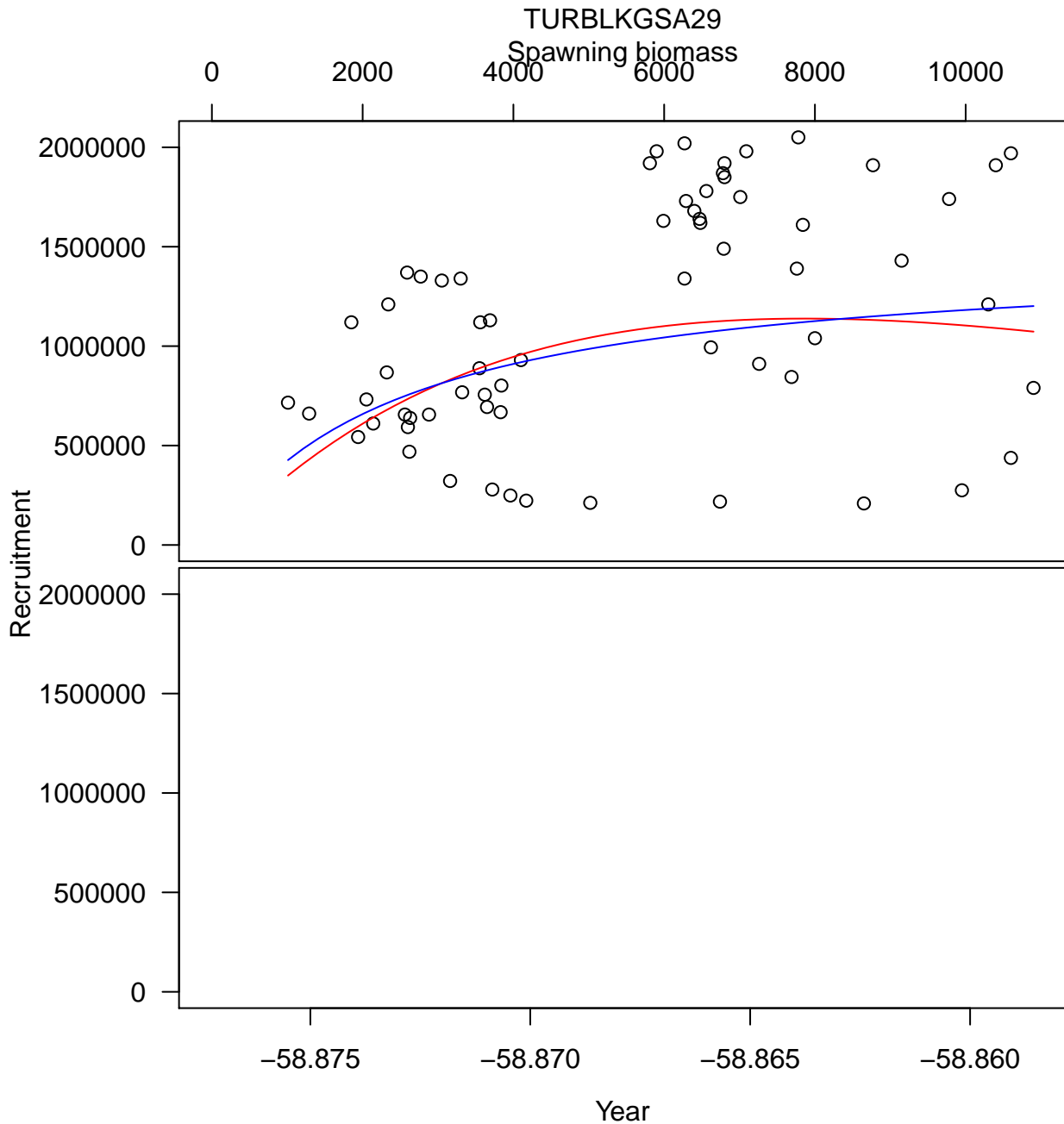
-95.1

-95.2

-95.3

Year





WANGLVIIIc.IXa
Spawning biomass

0 2000 4000 6000 8000 10000 12000 14000

Recruitment

6e+06

4e+06

2e+06

0e+00

6e+06

4e+06

2e+06

0e+00

-6.4

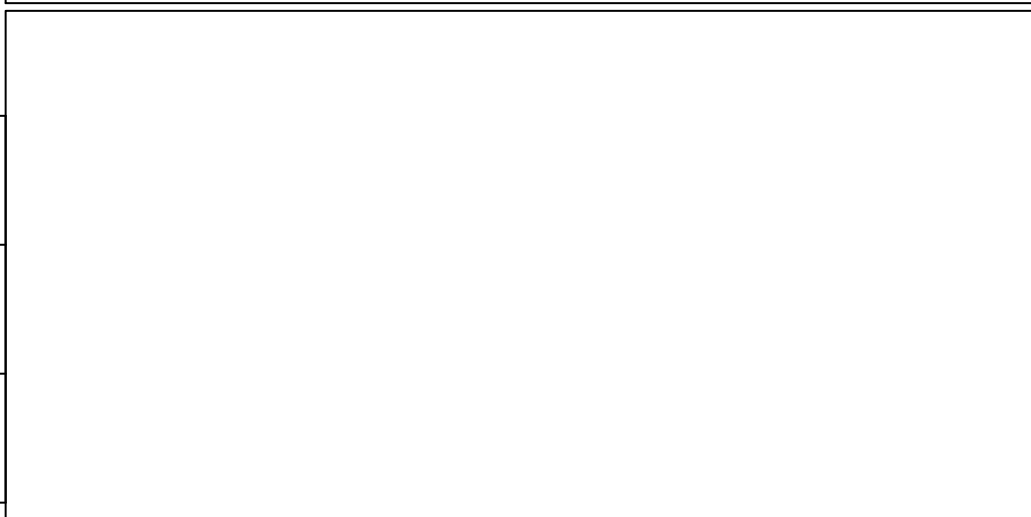
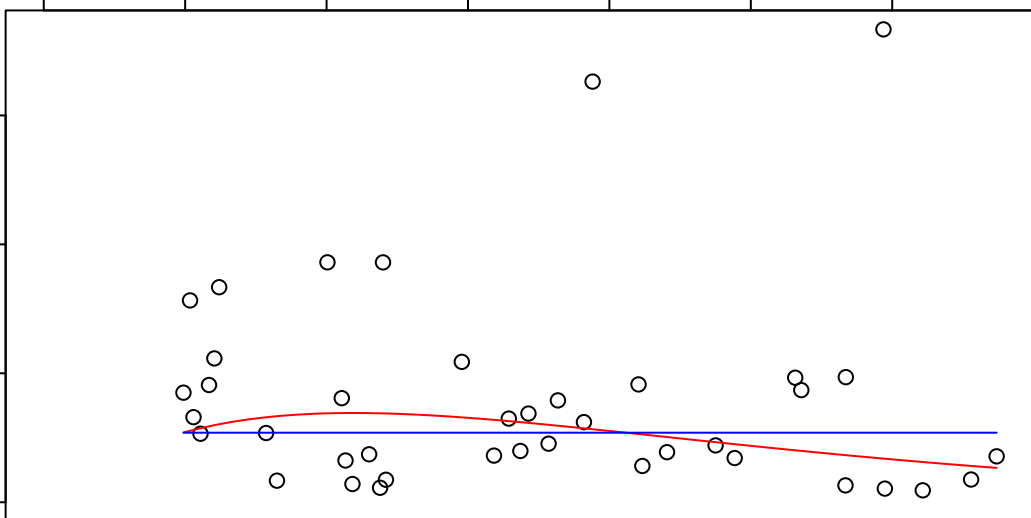
-6.3

-6.2

-6.1

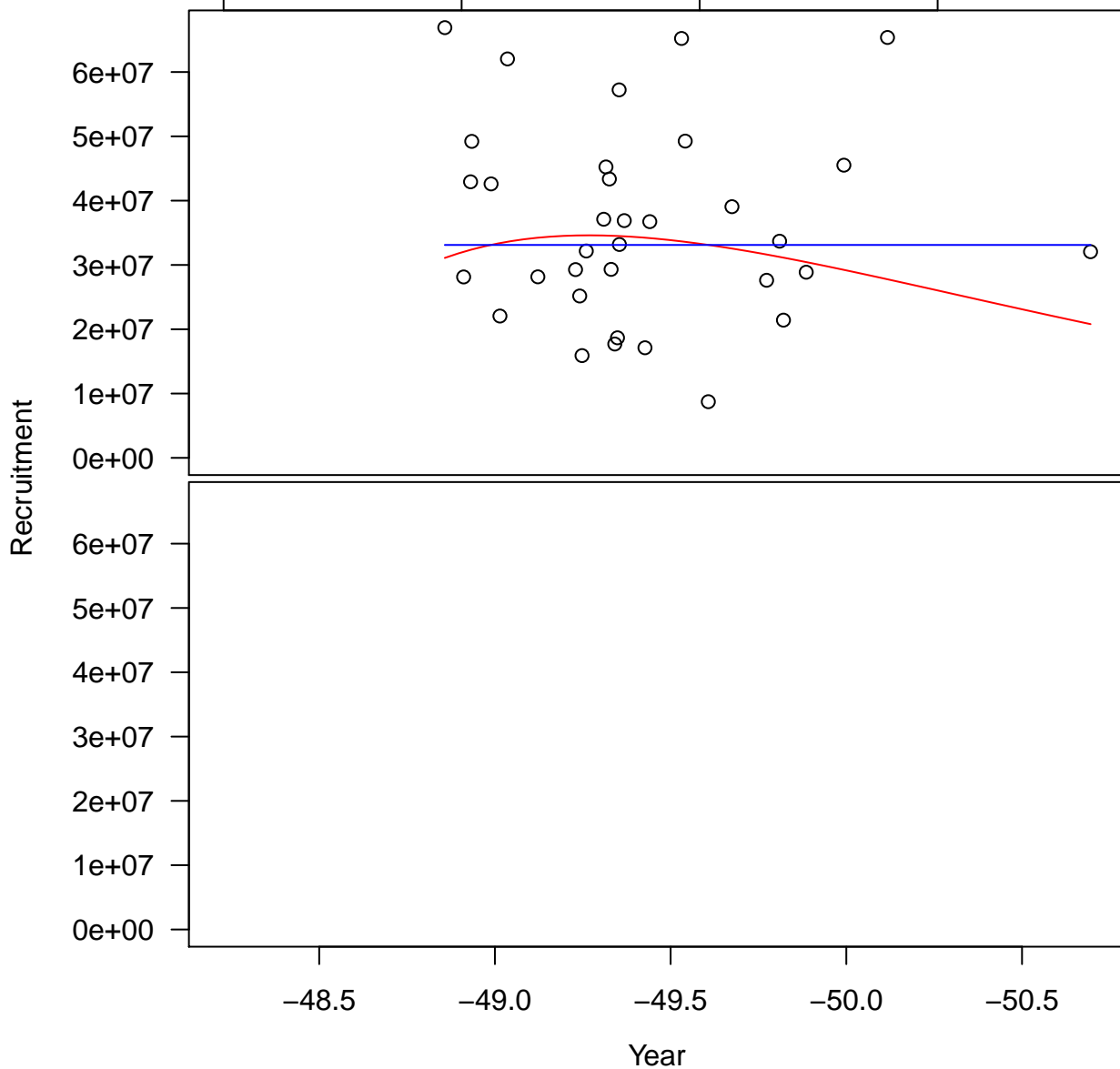
-6.0

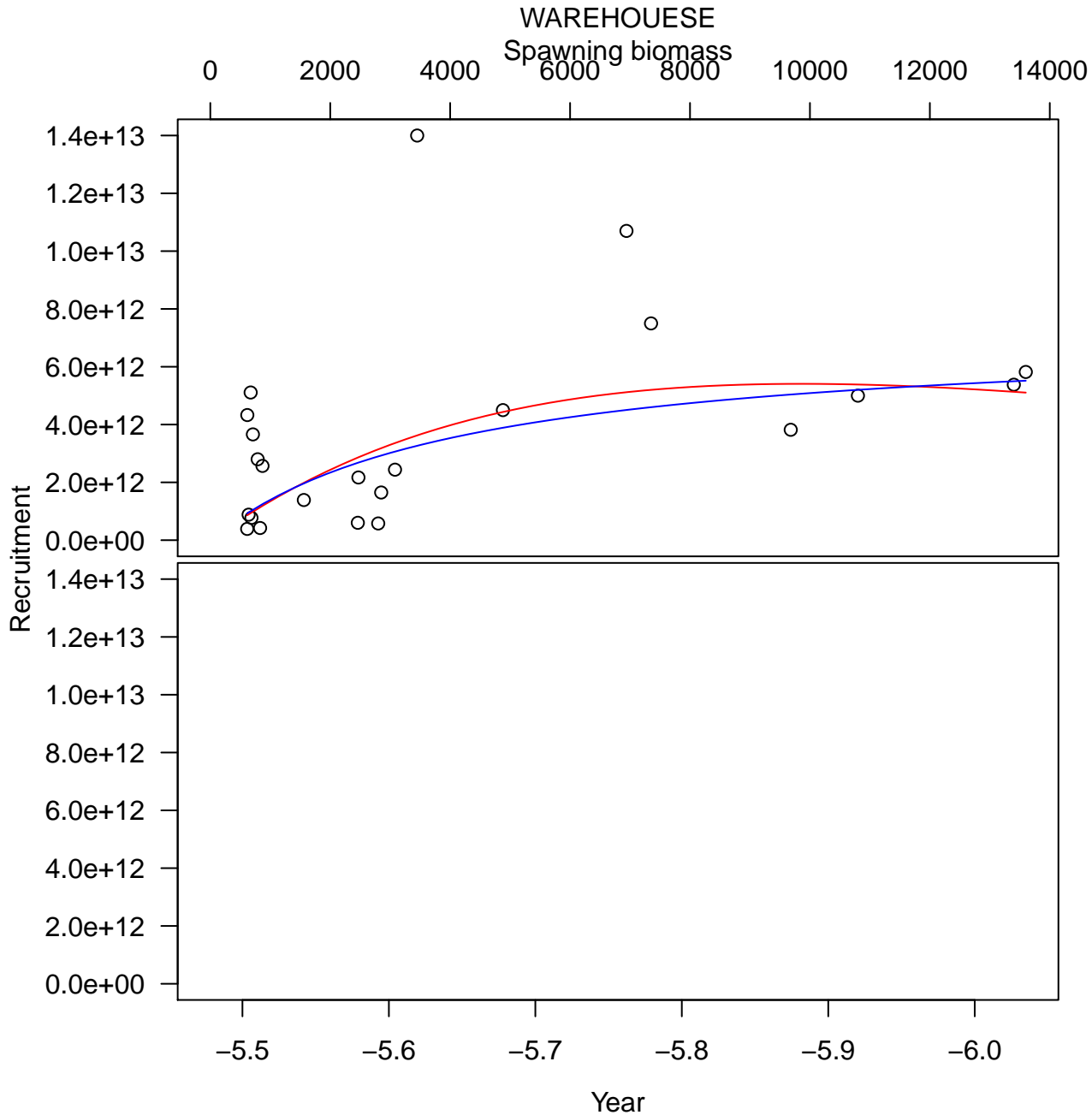
Year



WANGLVII.VIIIabd
Spawning biomass

0 20000 40000 60000





WAREHOUSE
Spawning biomass

0 1000 2000 3000 4000

Recruitment

$6e+12$

$4e+12$

$2e+12$

$0e+00$

$6e+12$

$4e+12$

$2e+12$

$0e+00$

-20

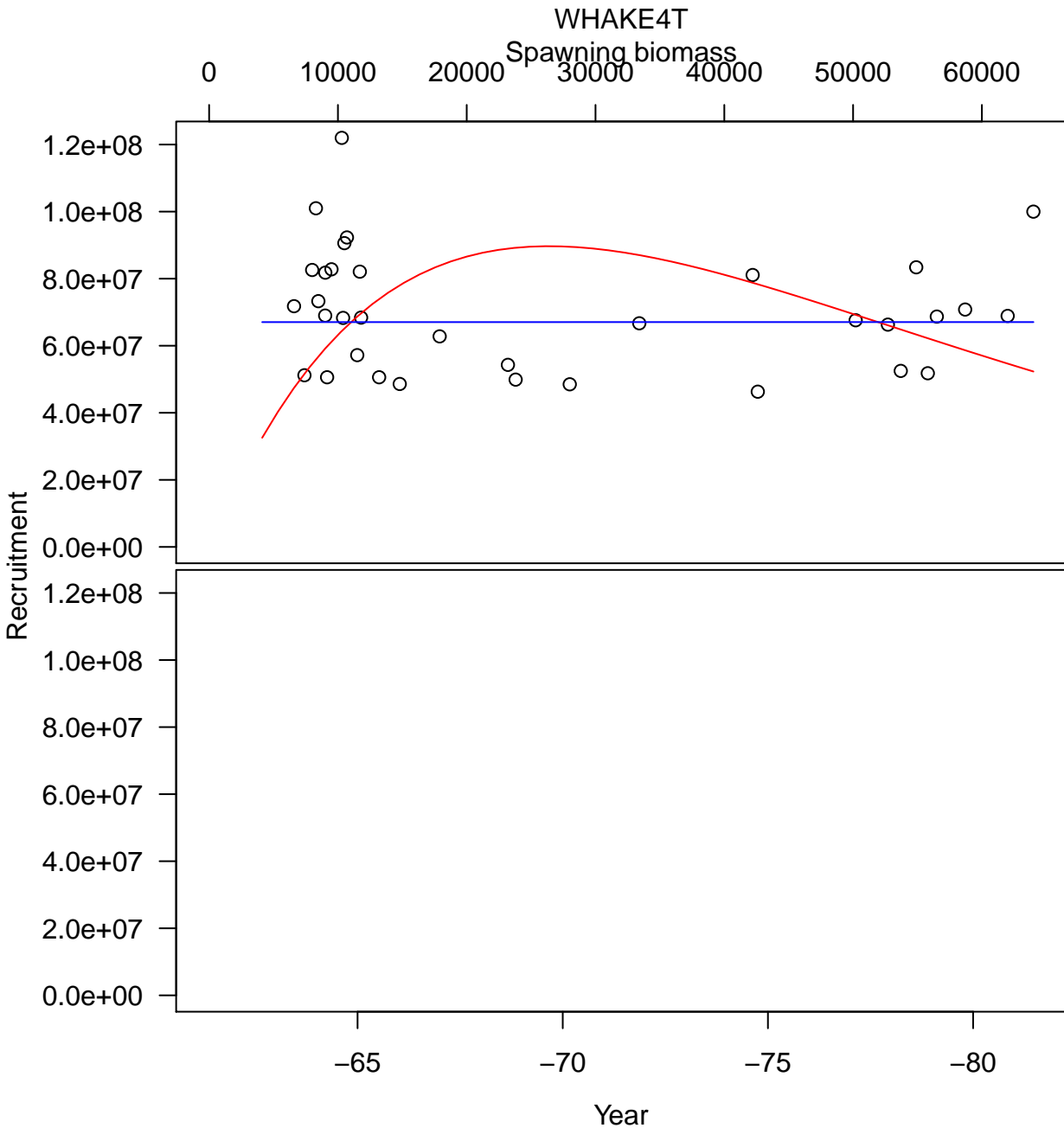
-21

-22

-23

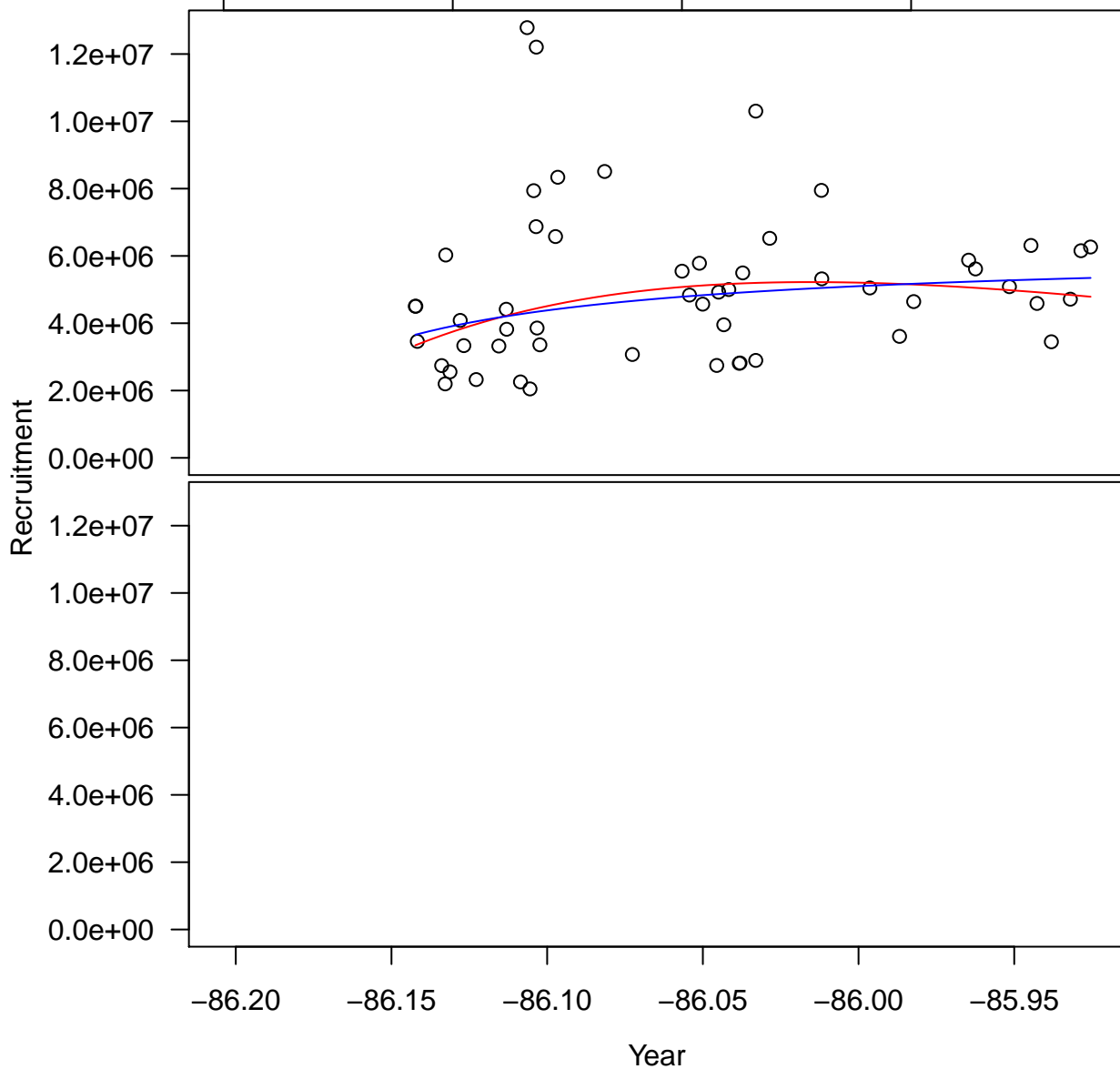
-24

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

-42.776

-42.775

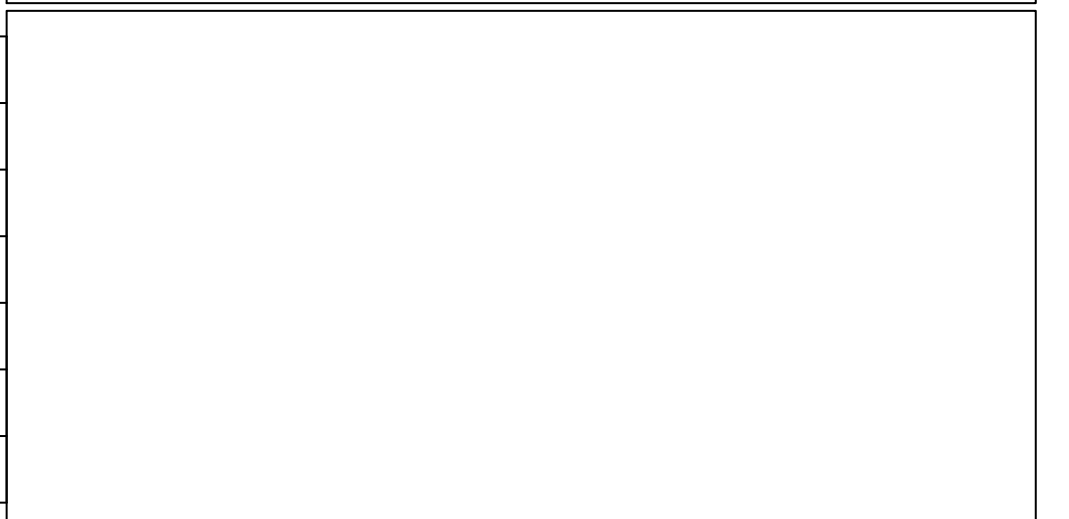
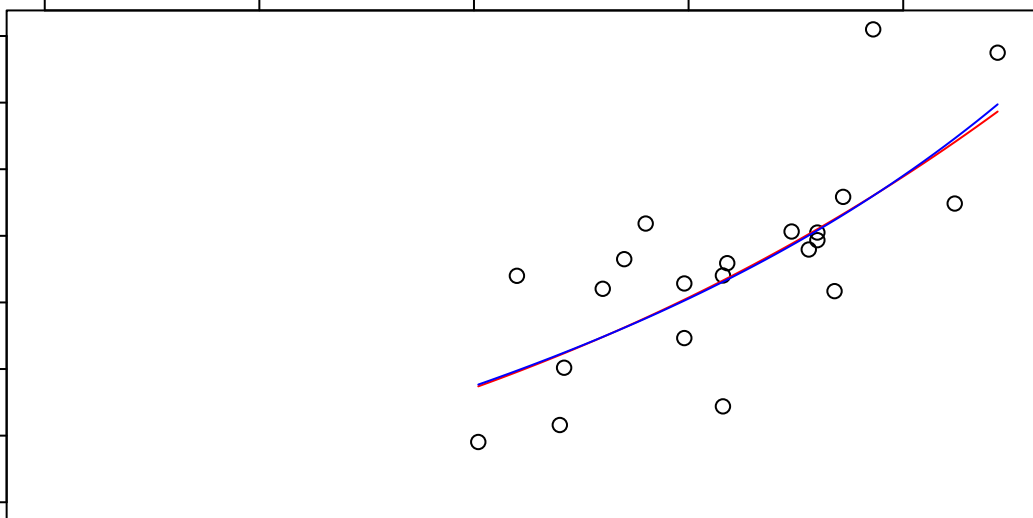
-42.774

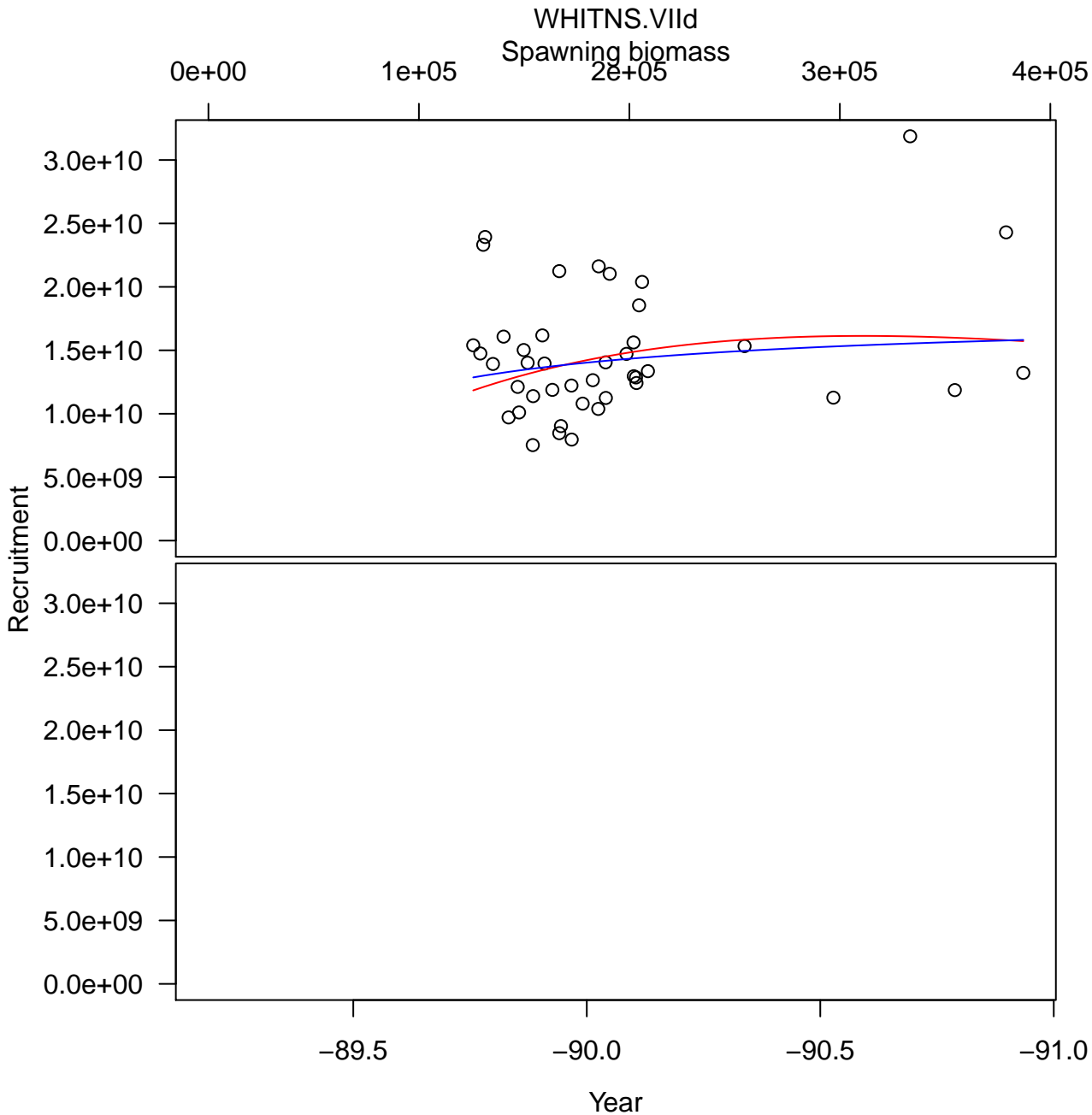
-42.773

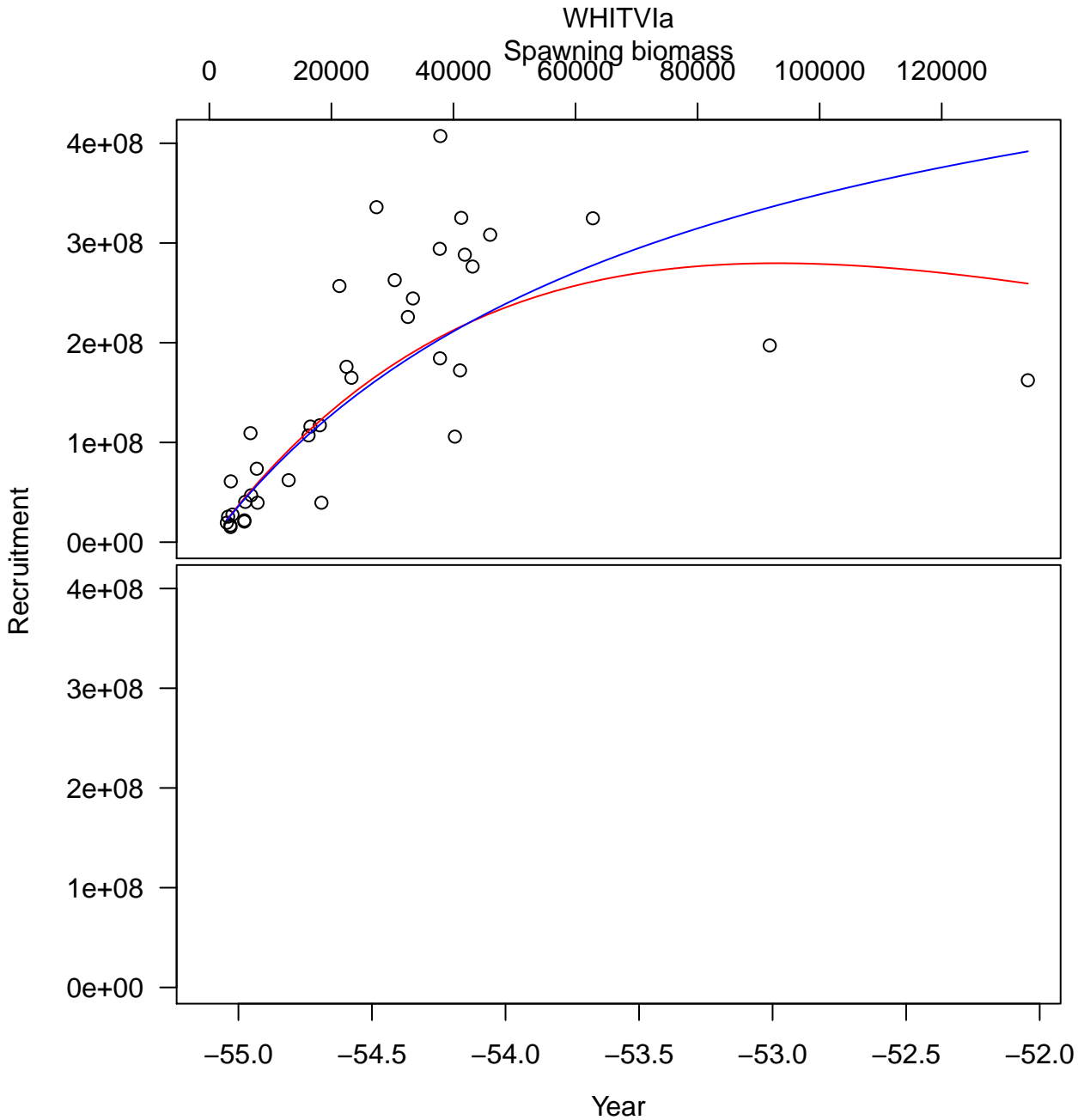
-42.772

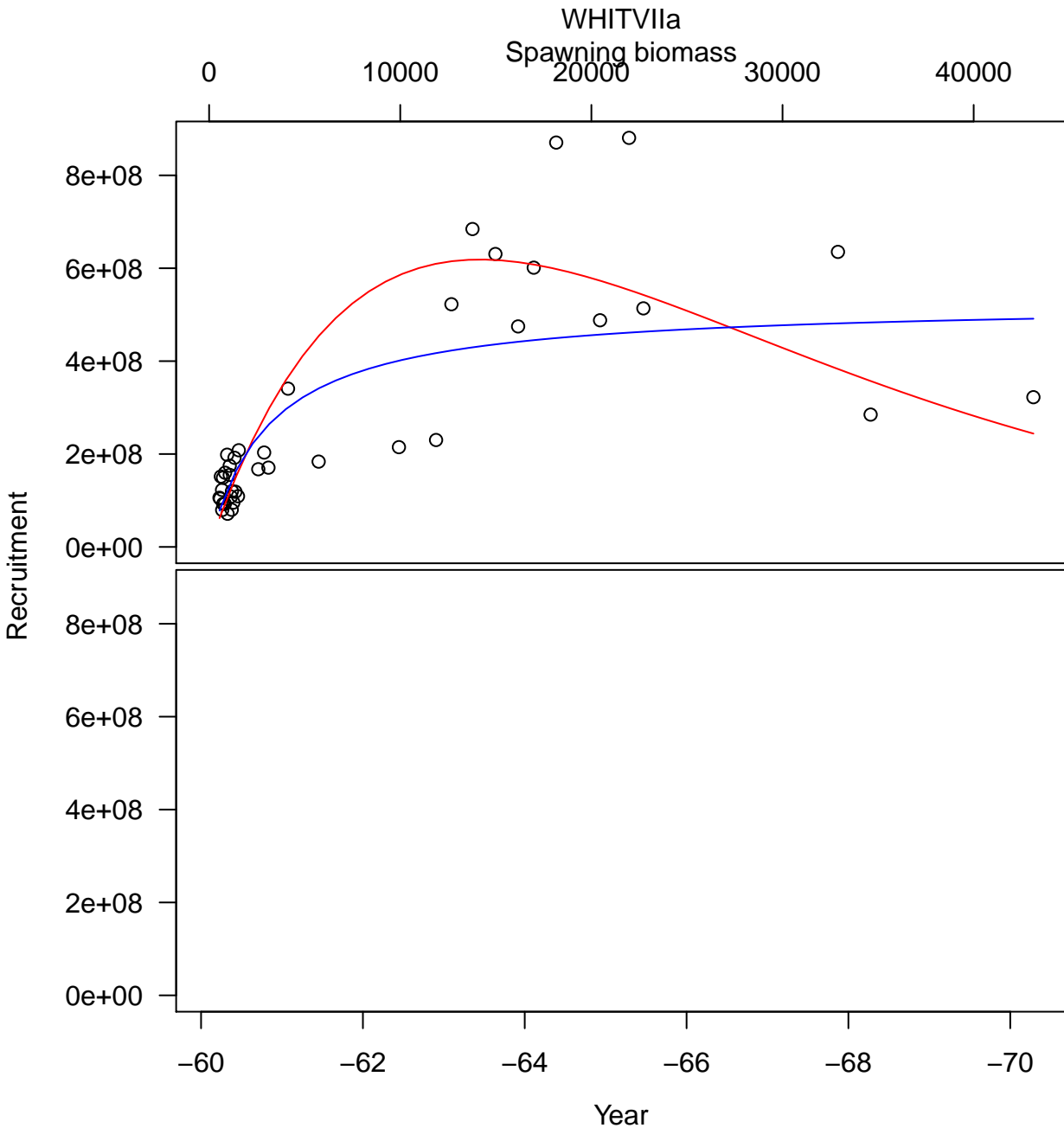
-42.771

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

-42

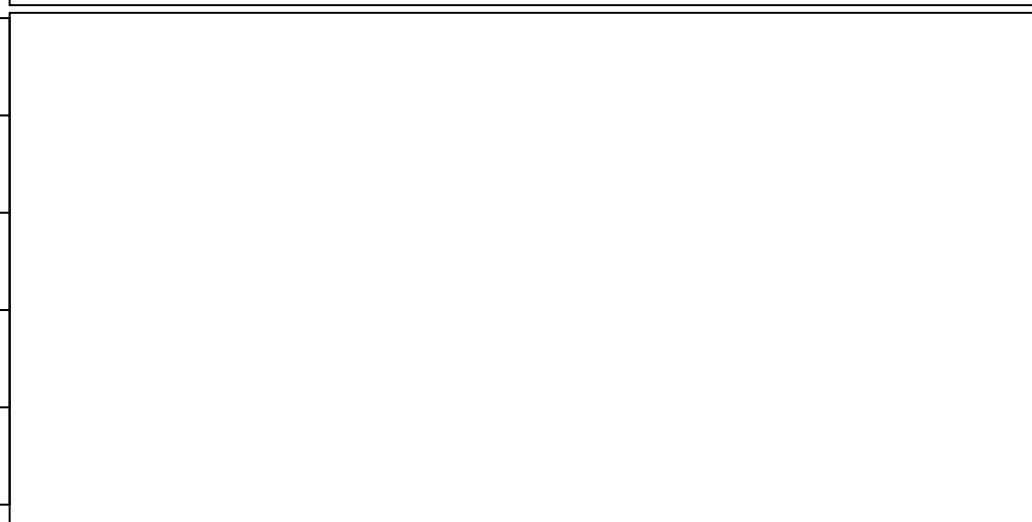
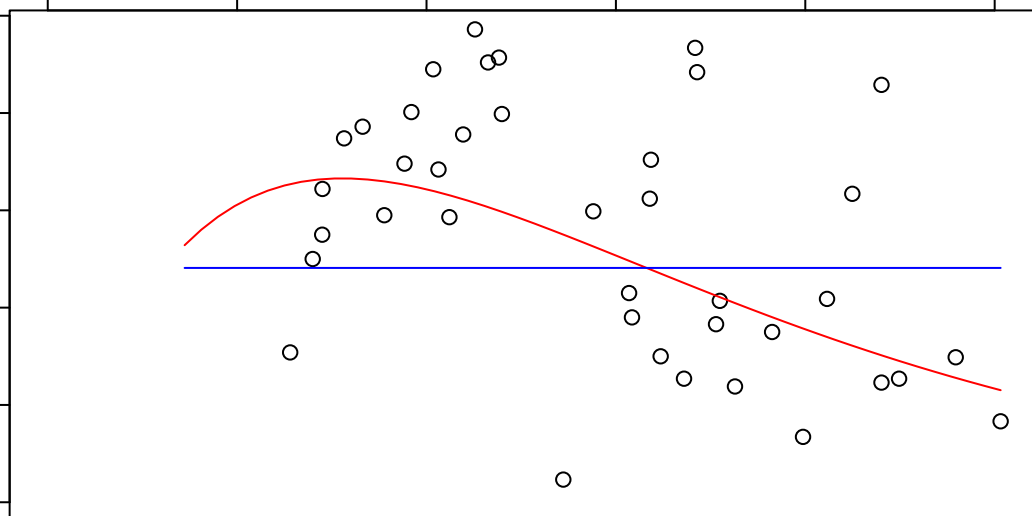
-40

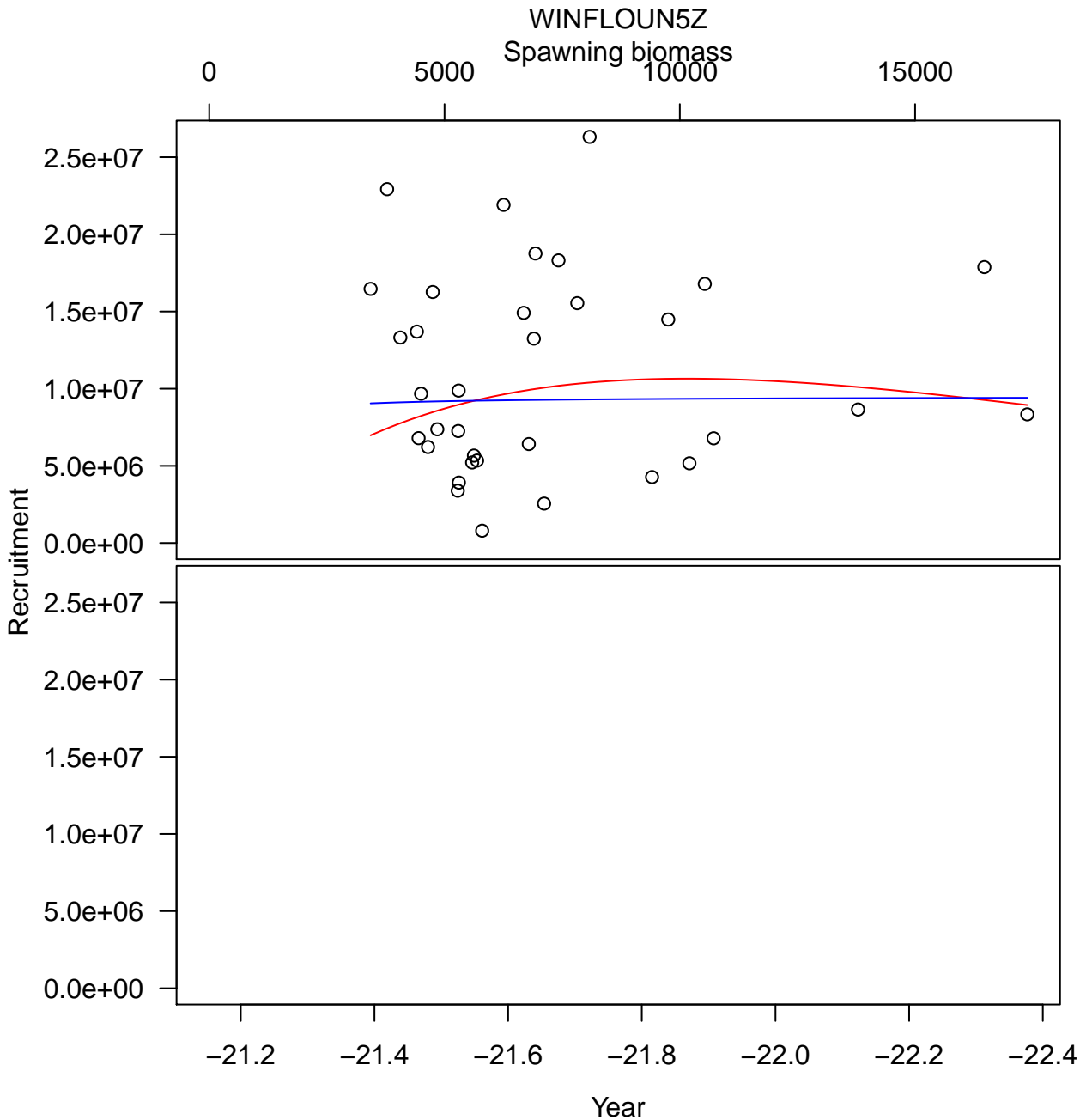
-38

-36

-34

Year





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

-36.57566

-36.57566

-36.57566

-36.57566

-36.57567

Year

WITFLOUN4RST

Spawning biomass

0 10000 20000 30000 40000 50000

40000

30000

20000

10000

0

Recruitment

40000

30000

20000

10000

0

-48

-46

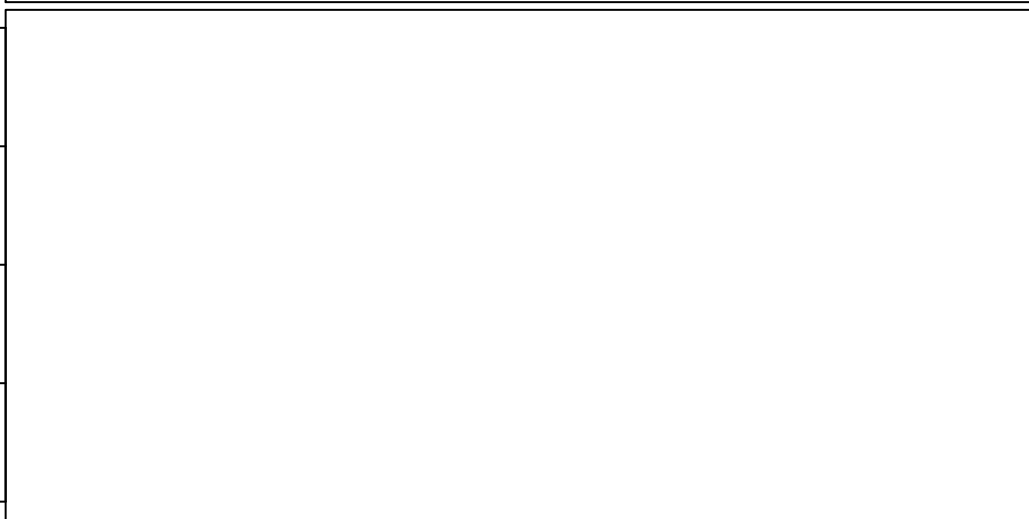
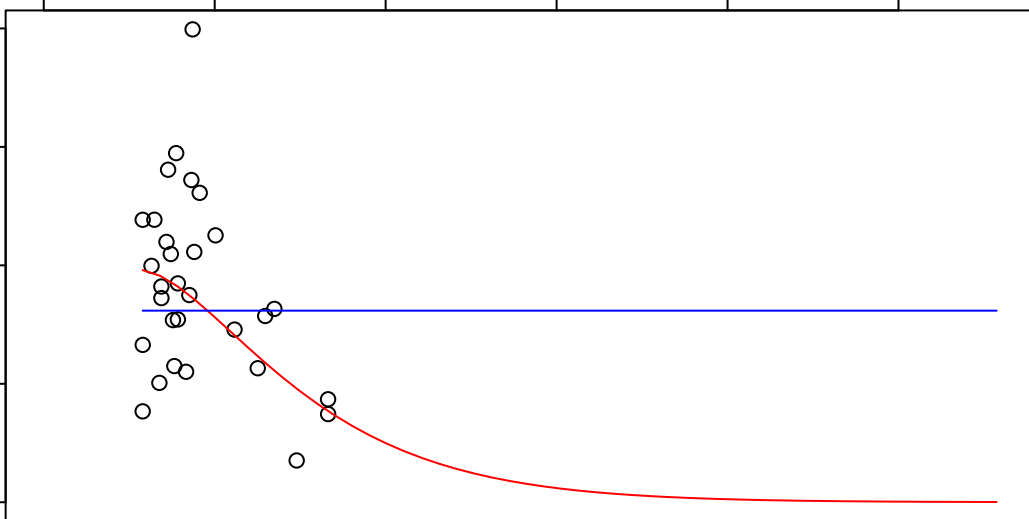
-44

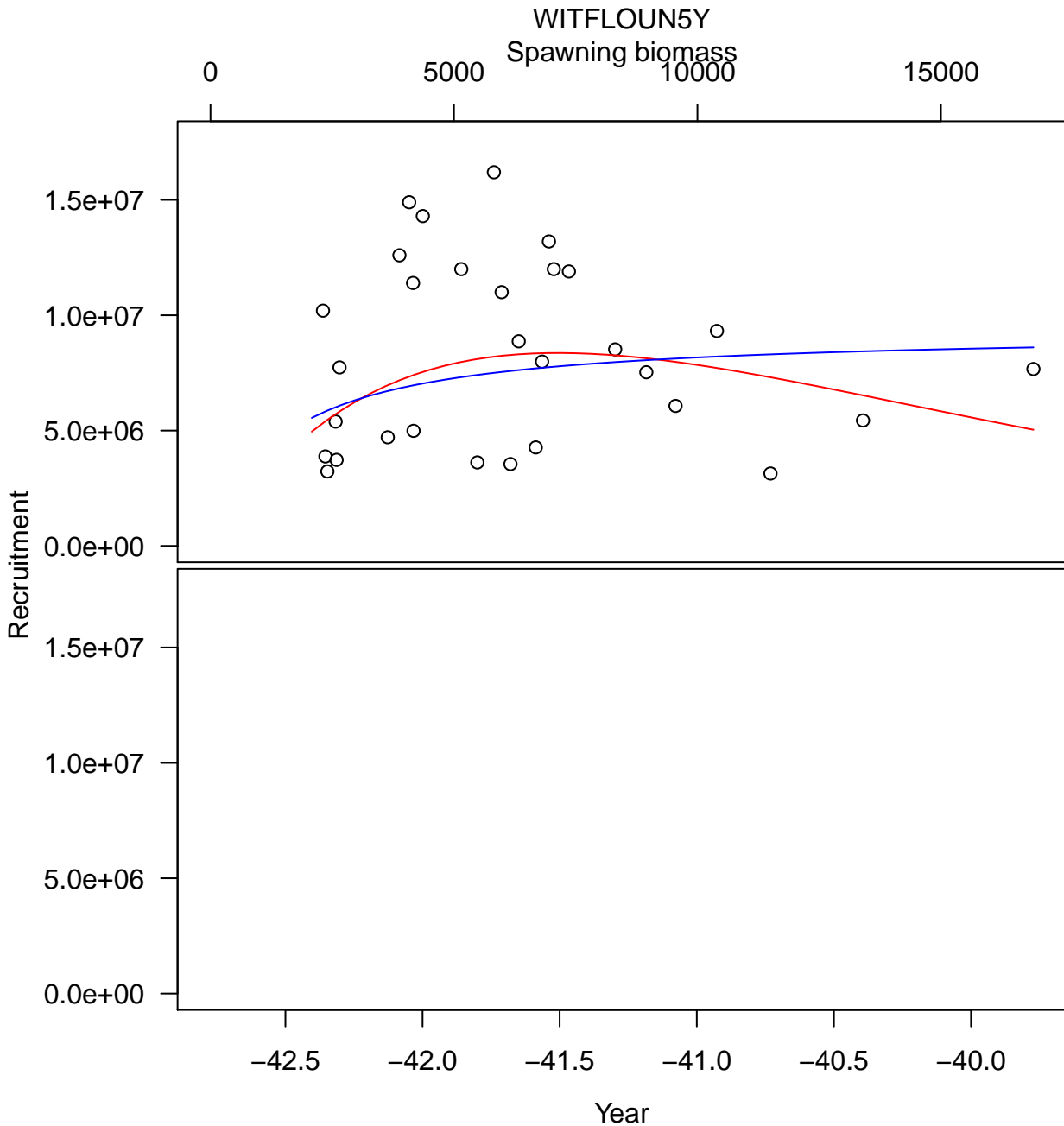
-42

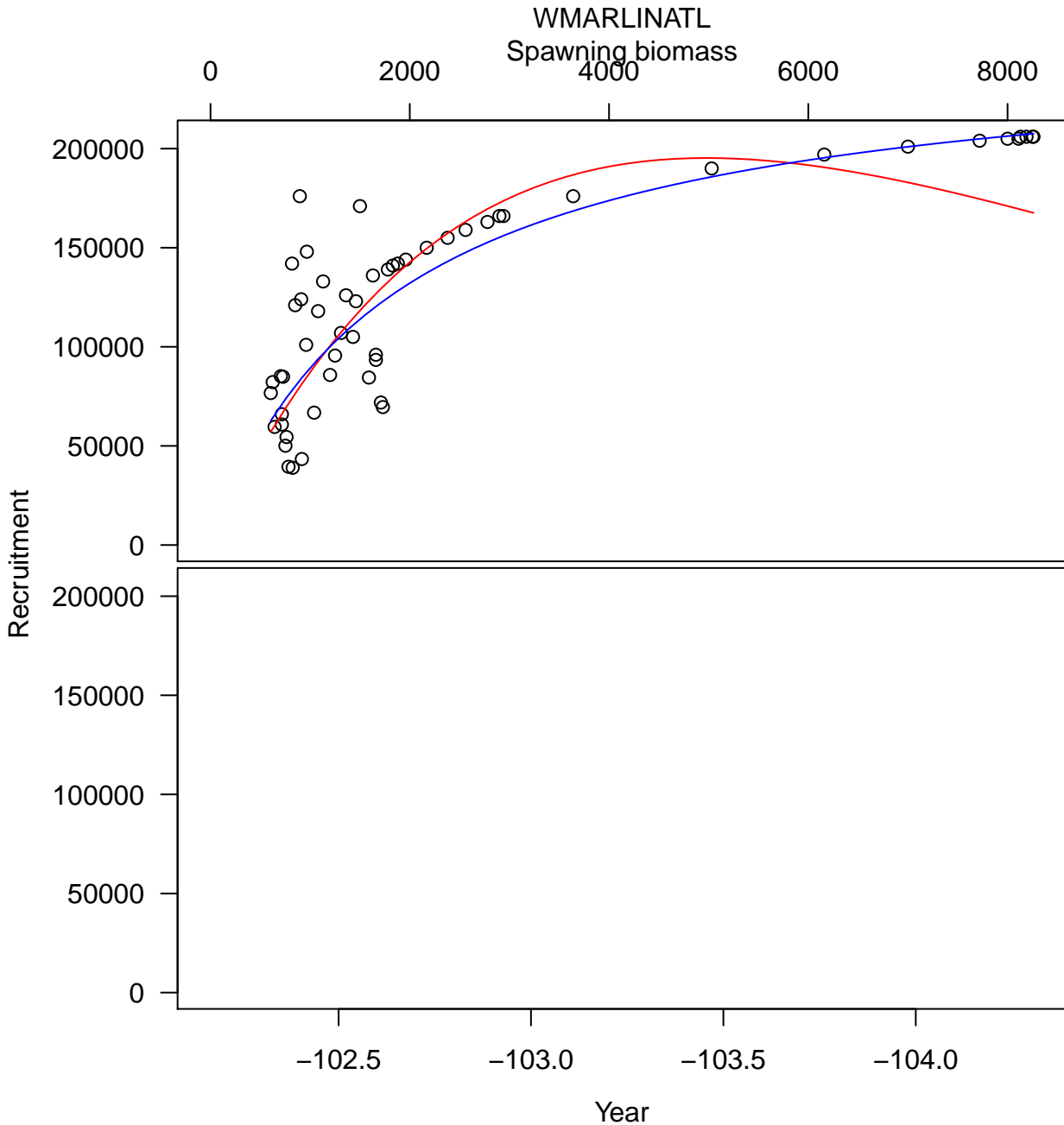
-40

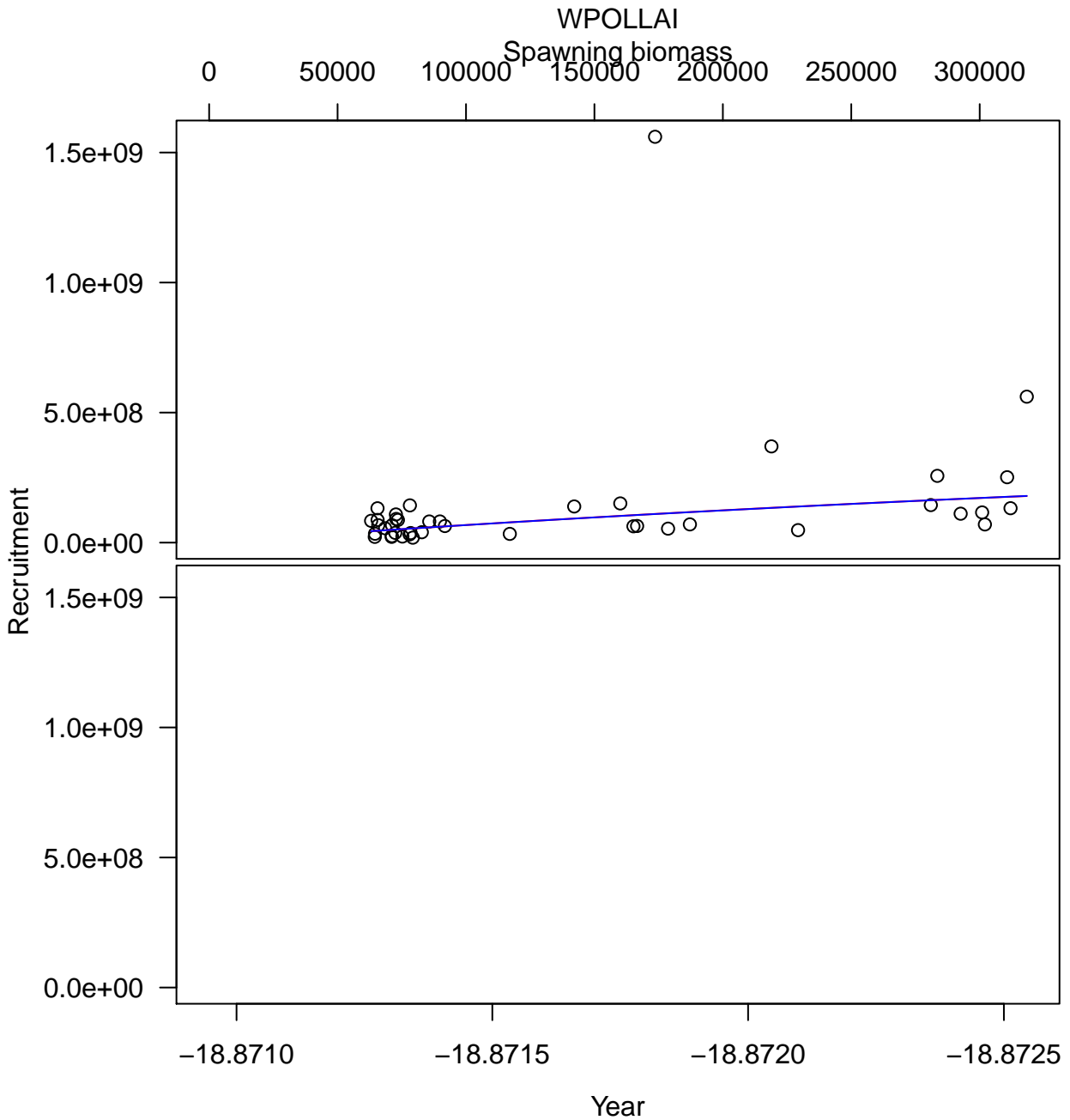
-38

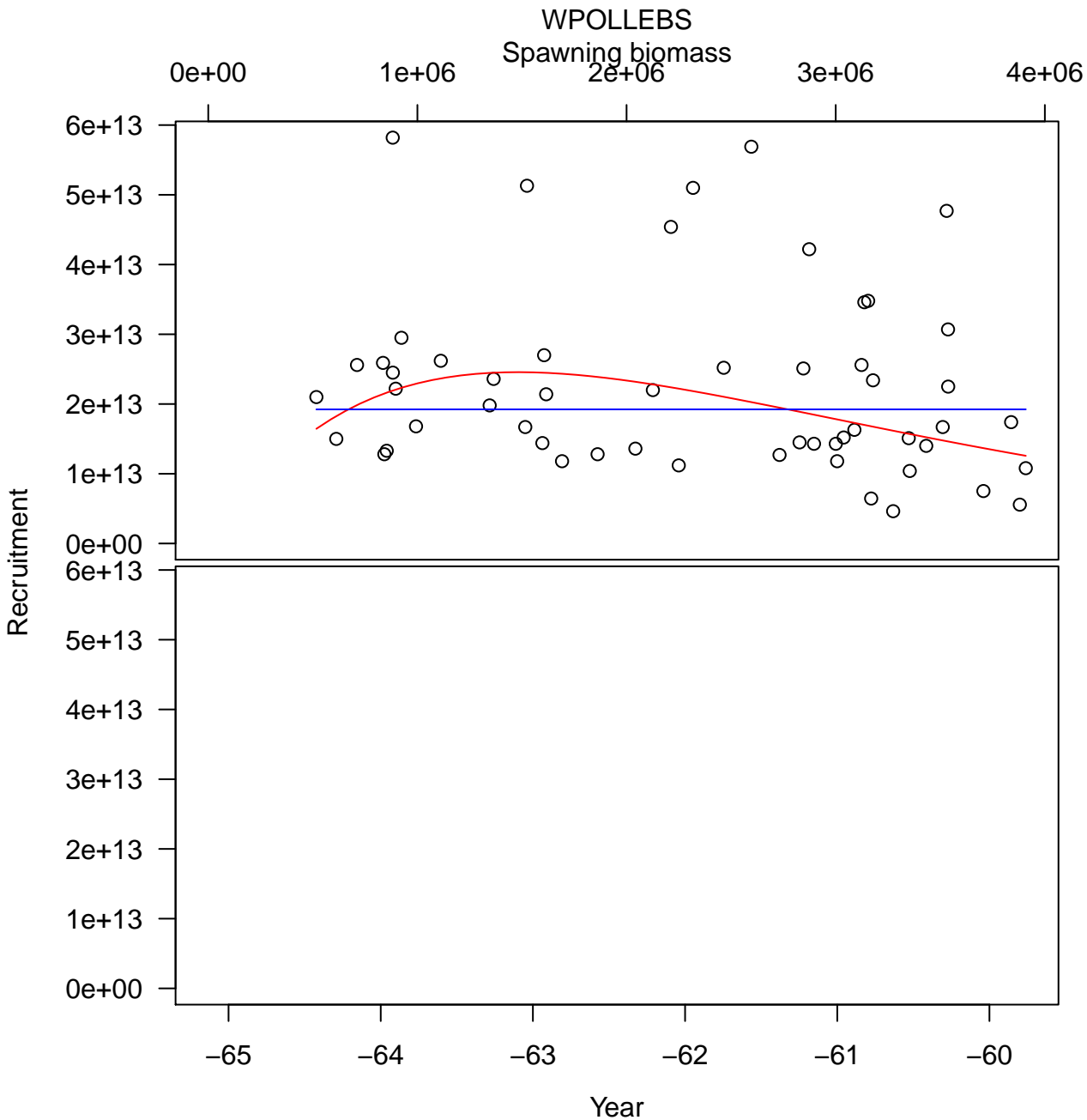
Year











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

38.5

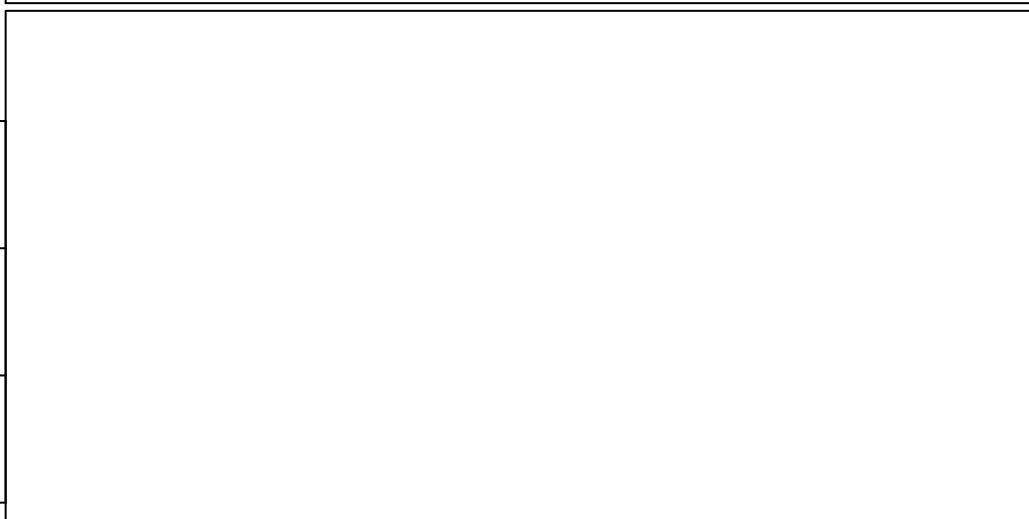
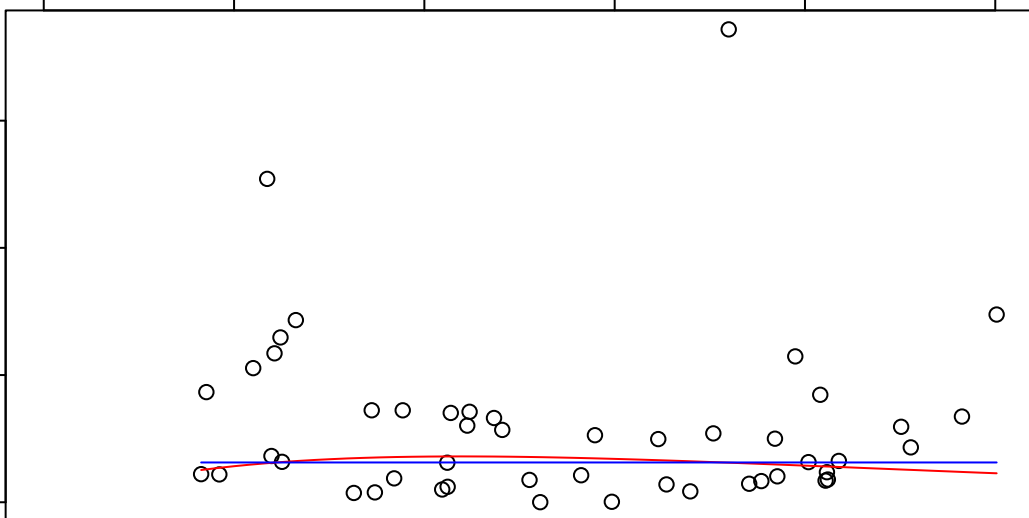
38.0

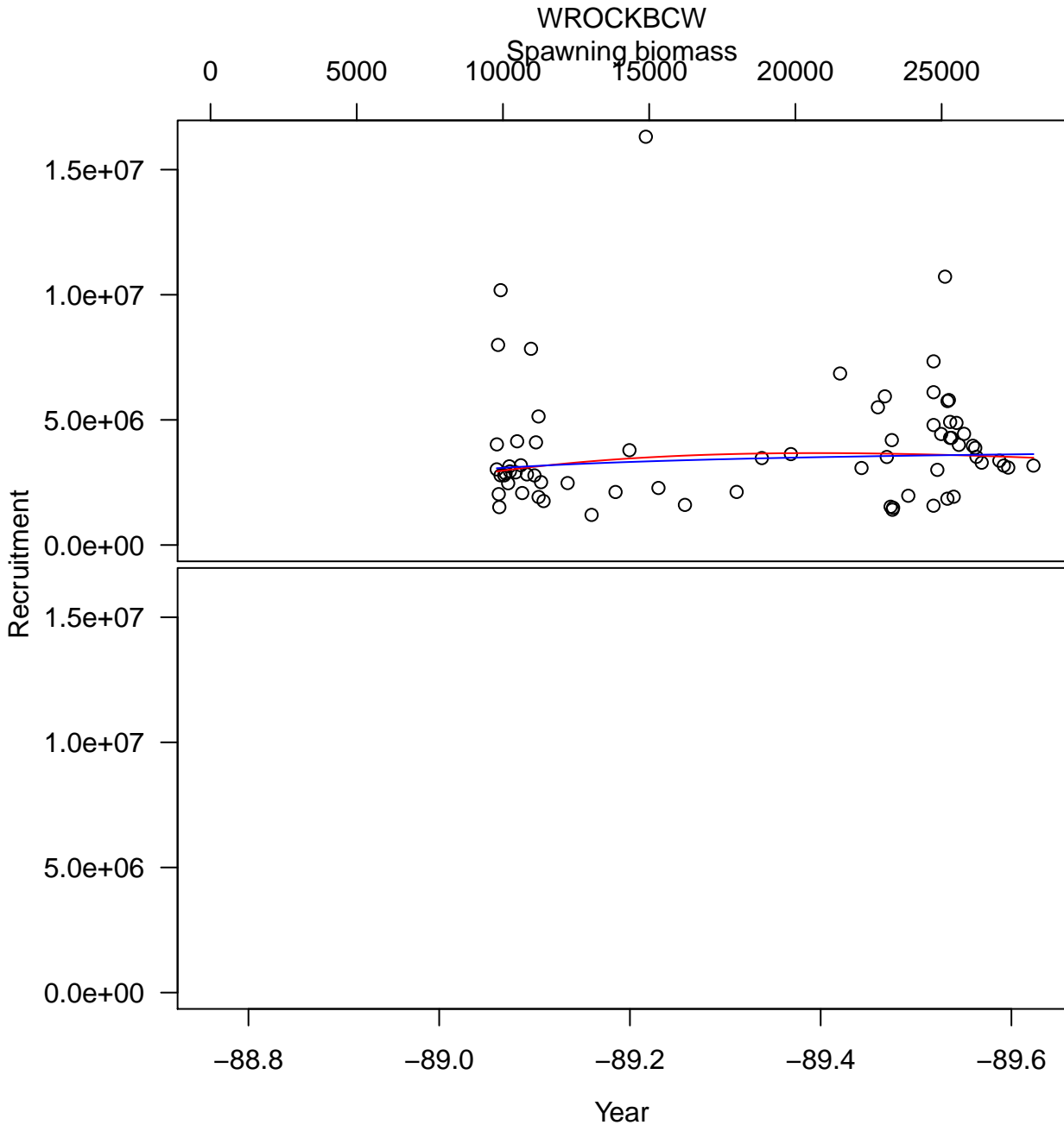
37.5

37.0

36.5

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

-71.50

-71.45

-71.40

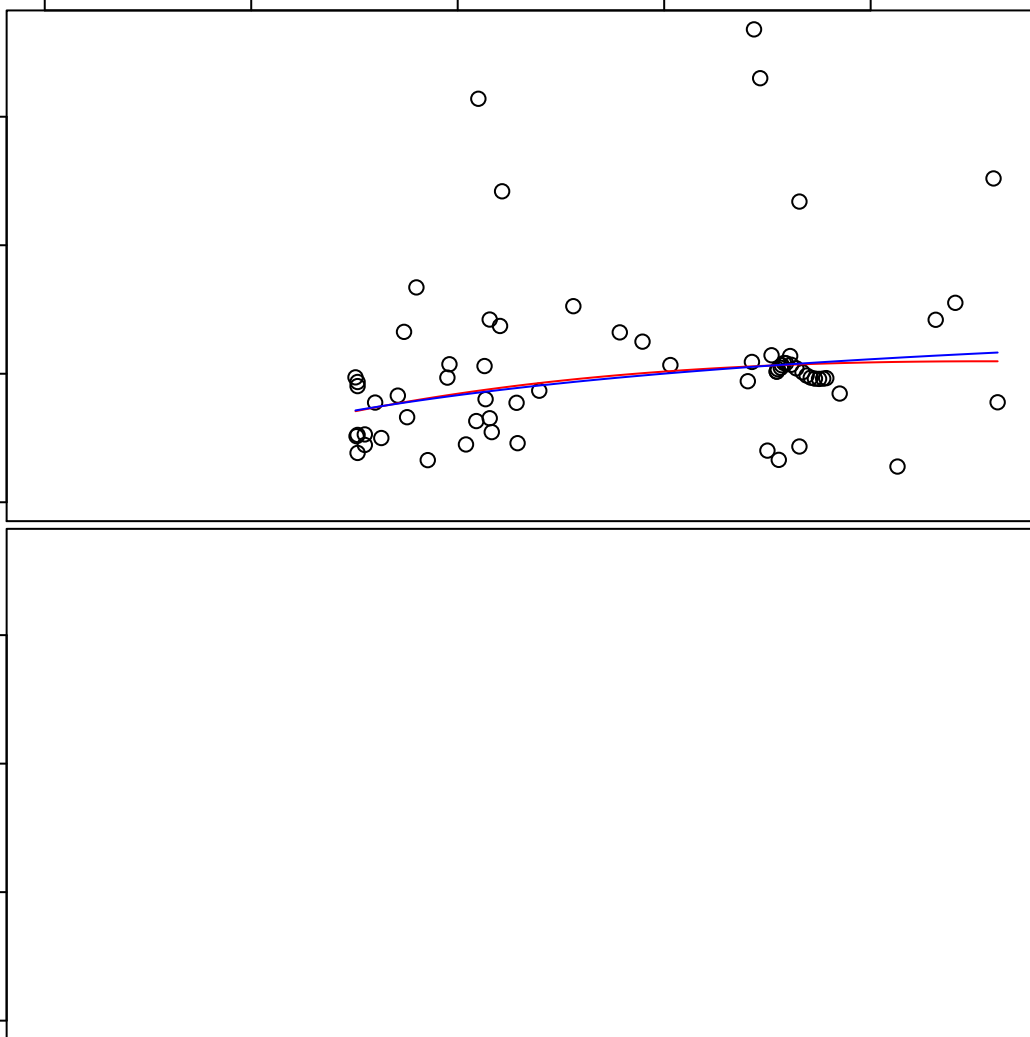
-71.35

-71.30

-71.25

-71.20

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

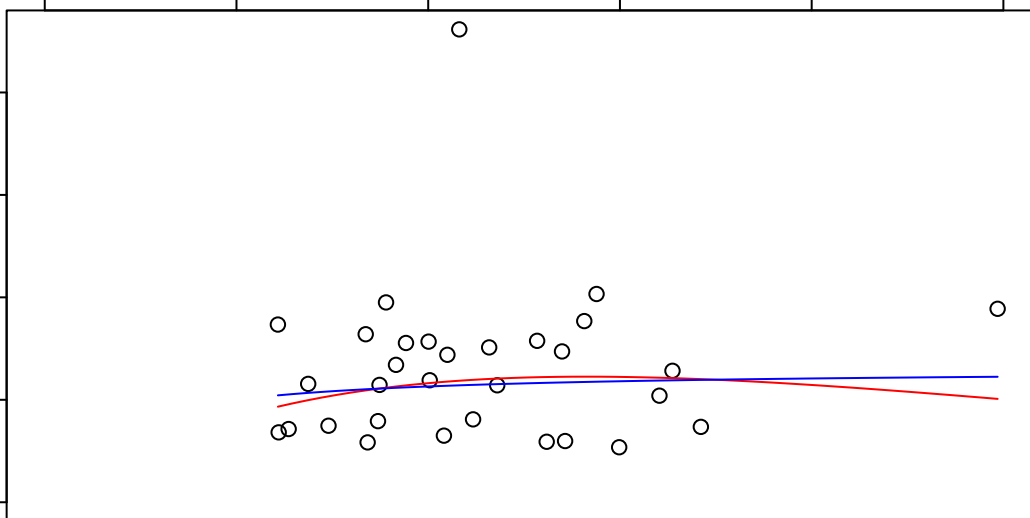
-43.0

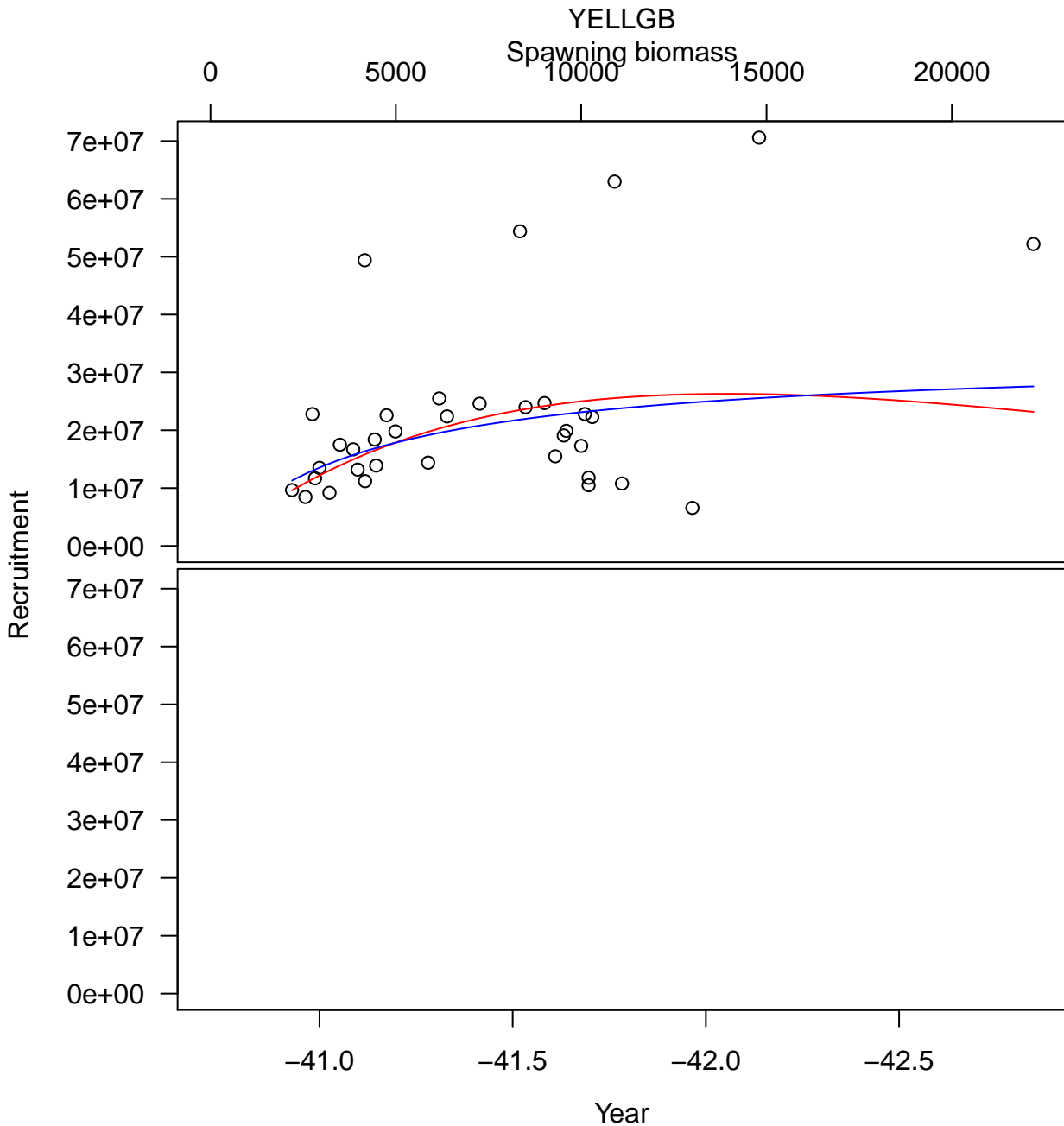
-43.2

-43.4

-43.6

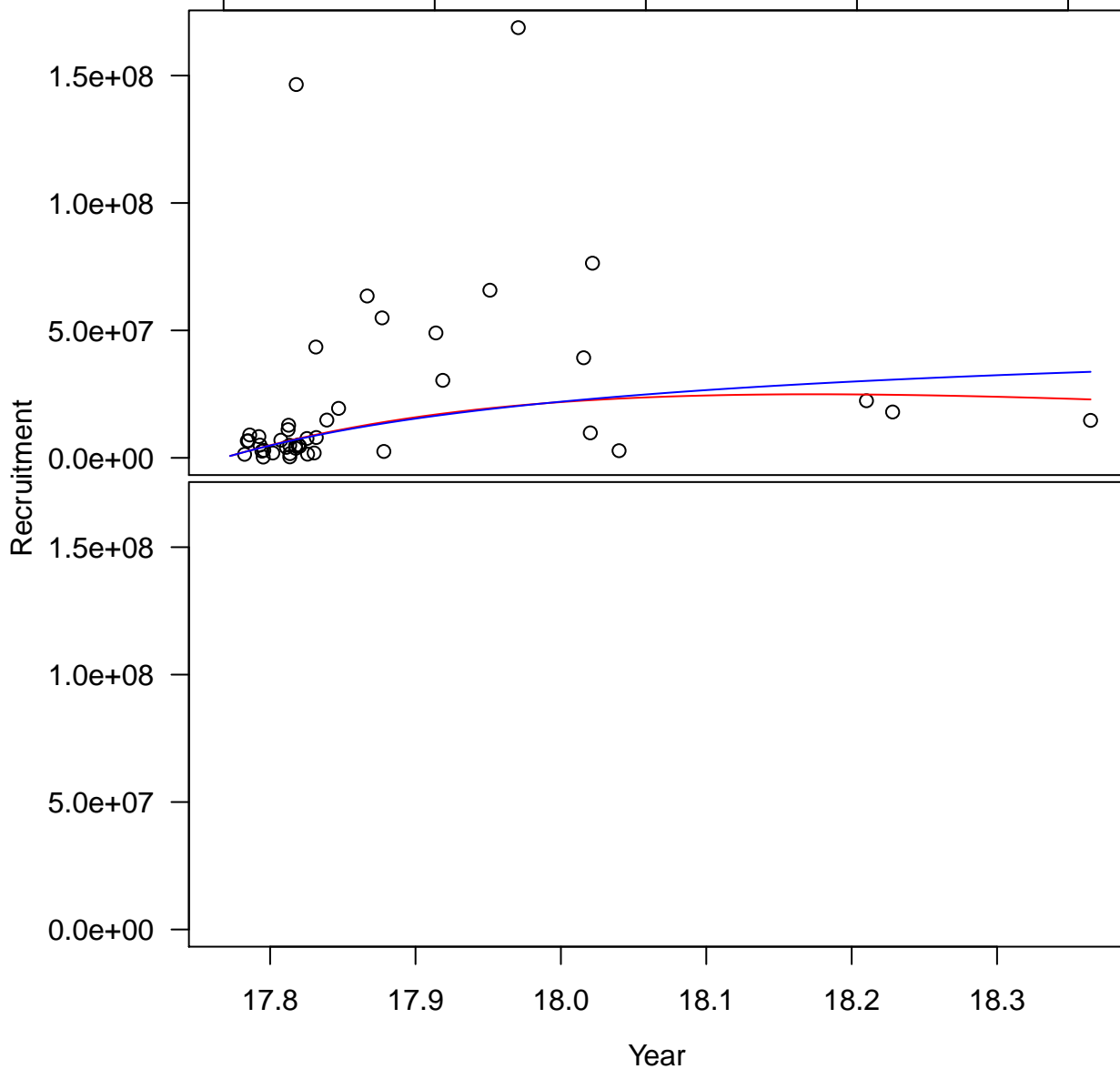
Year





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

-114.0

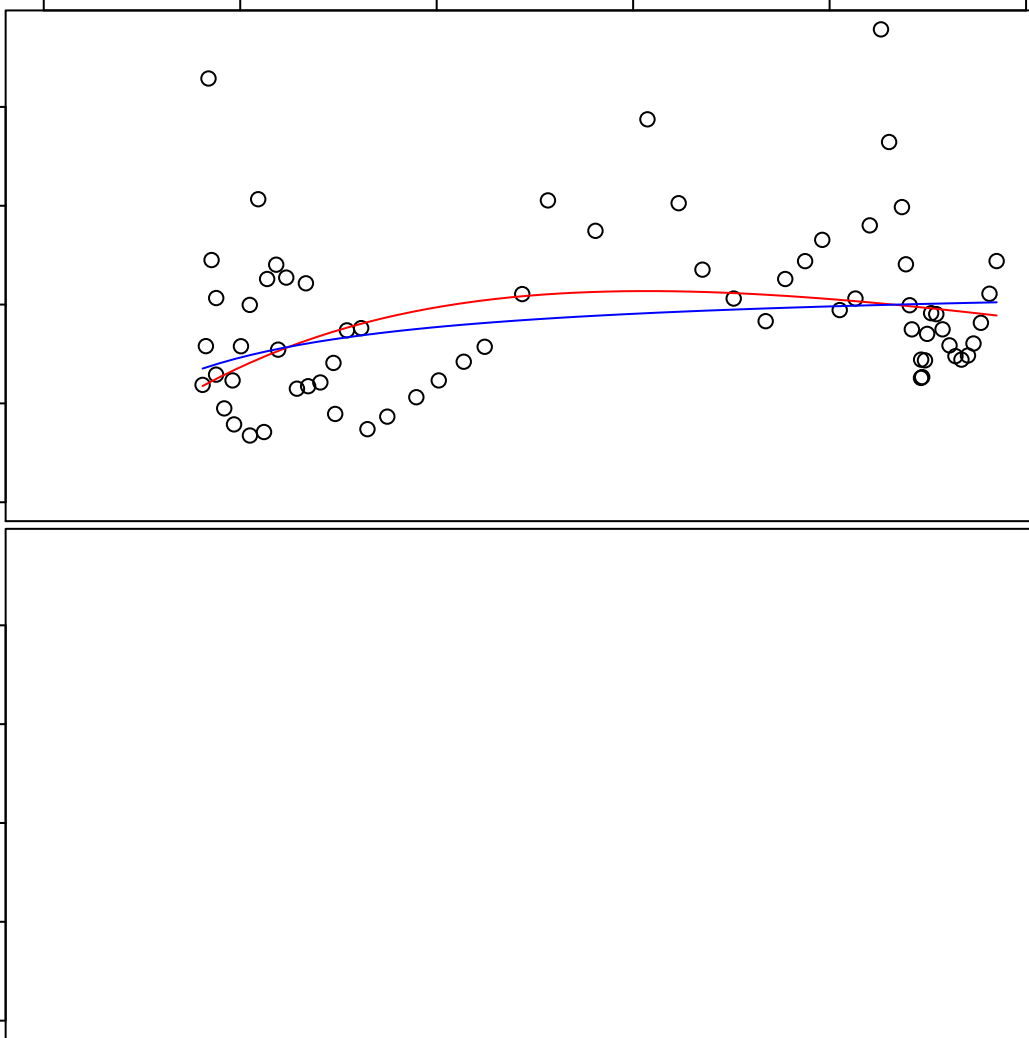
-114.5

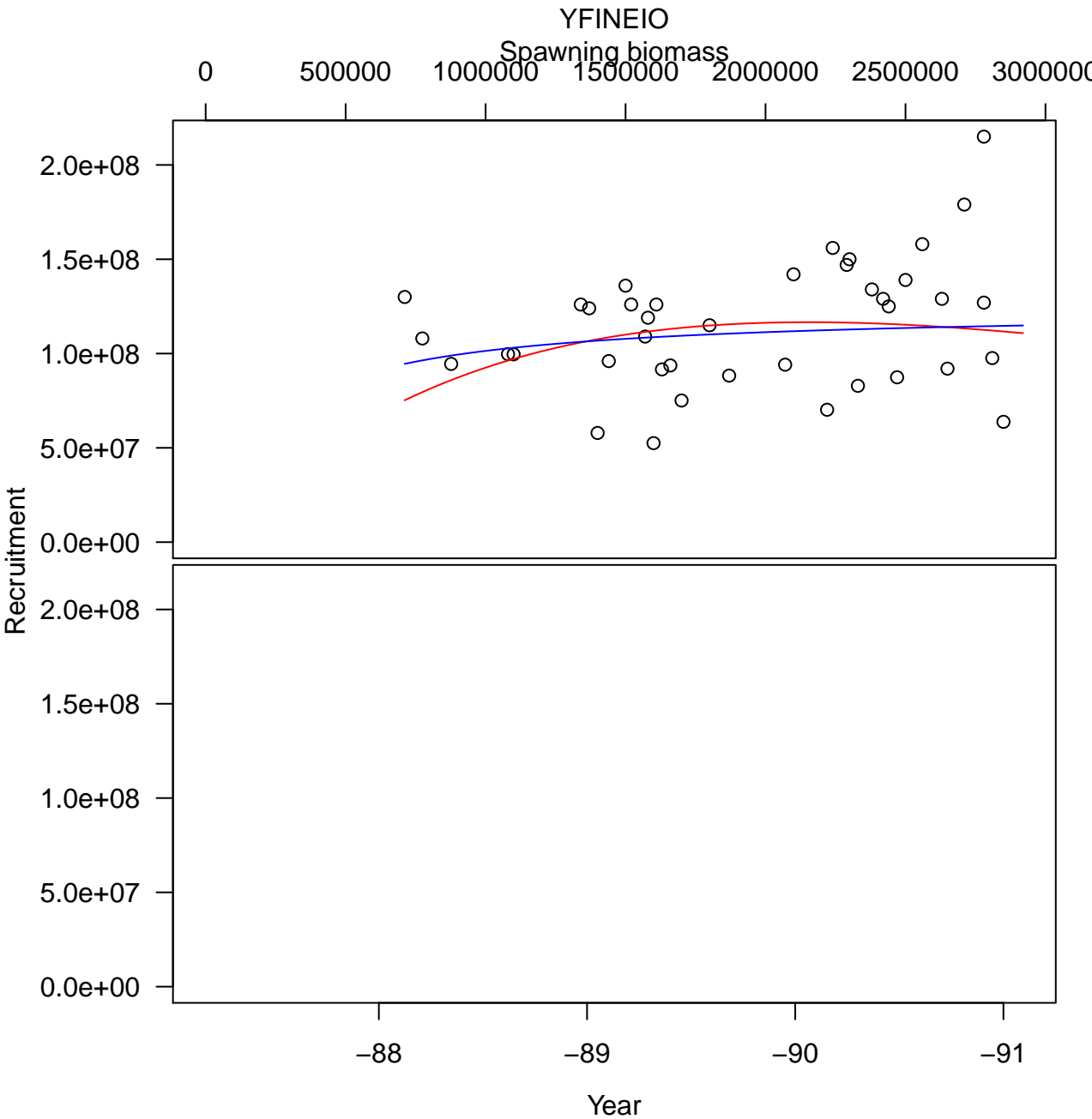
-115.0

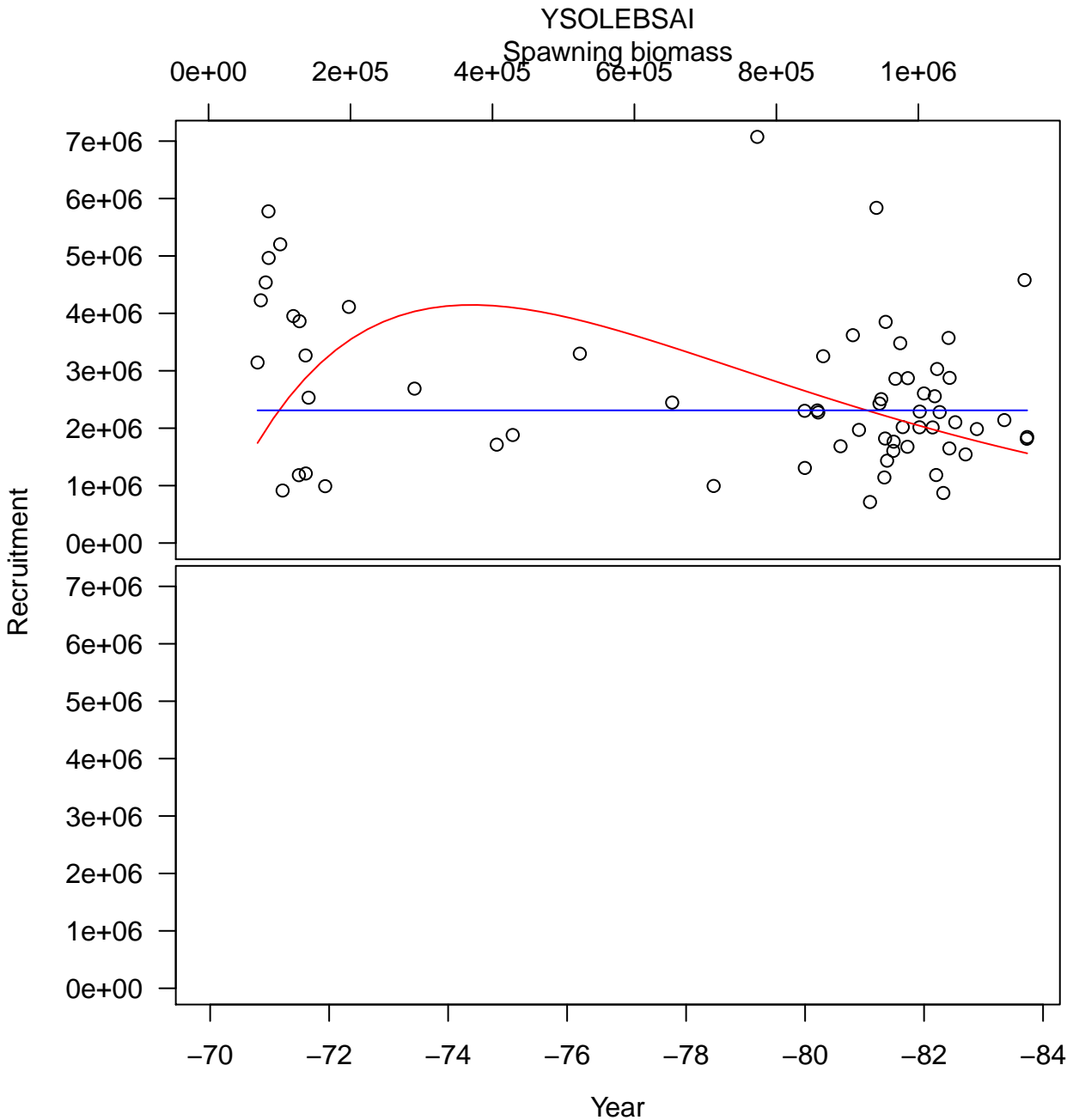
-115.5

-116.0

Year







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

-136.0

-136.5

-137.0

Year

