

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

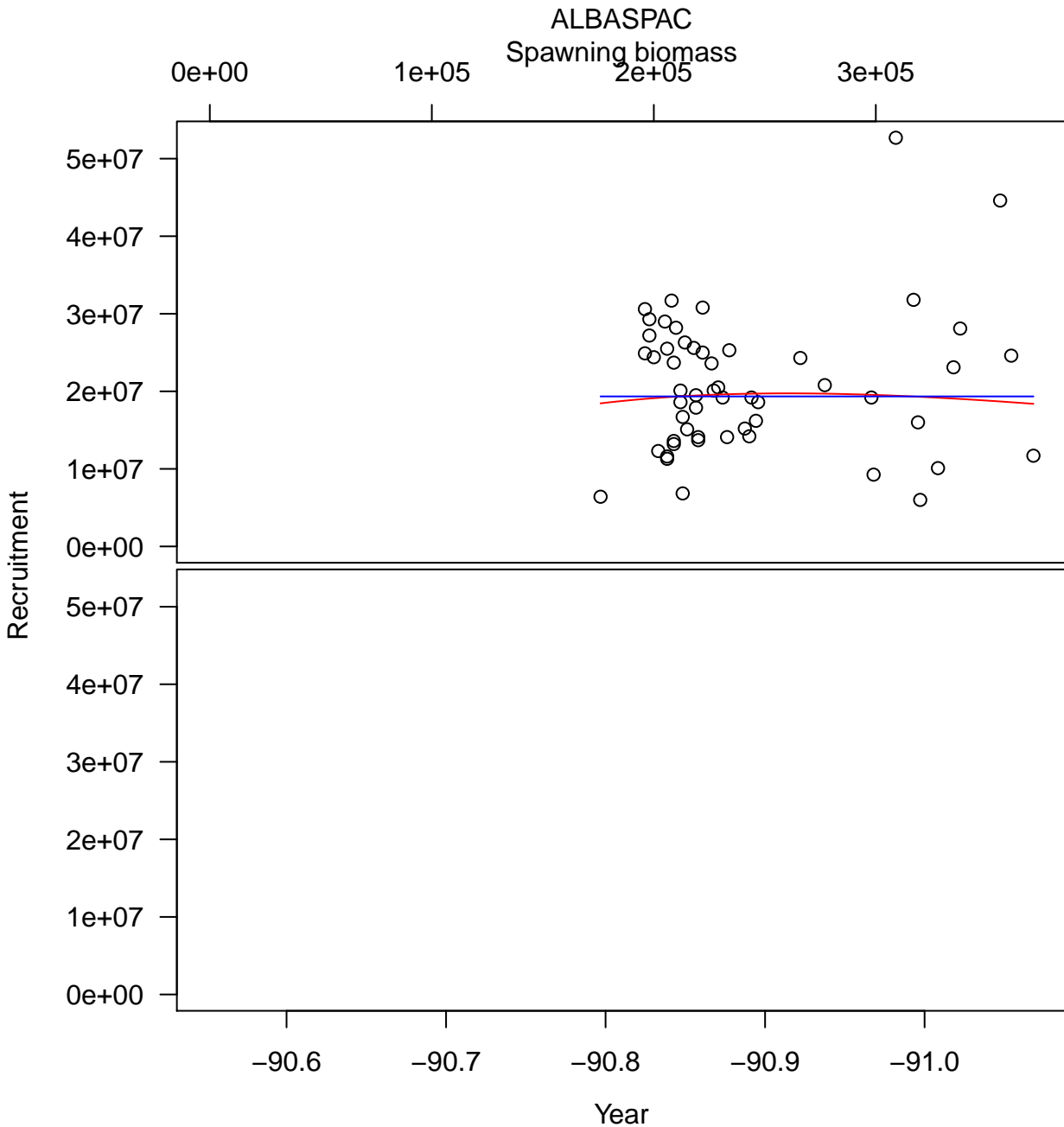
Year

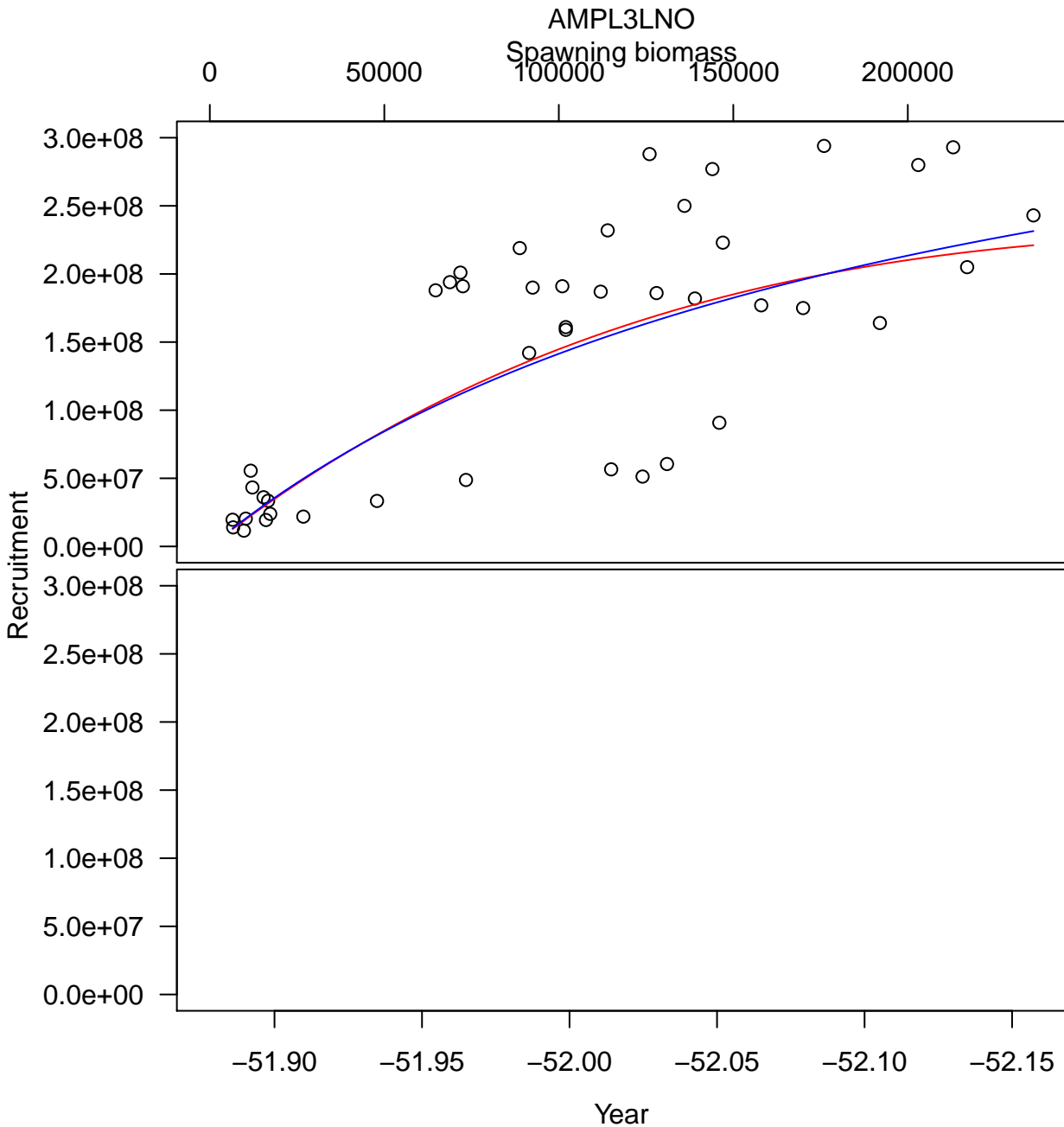
52

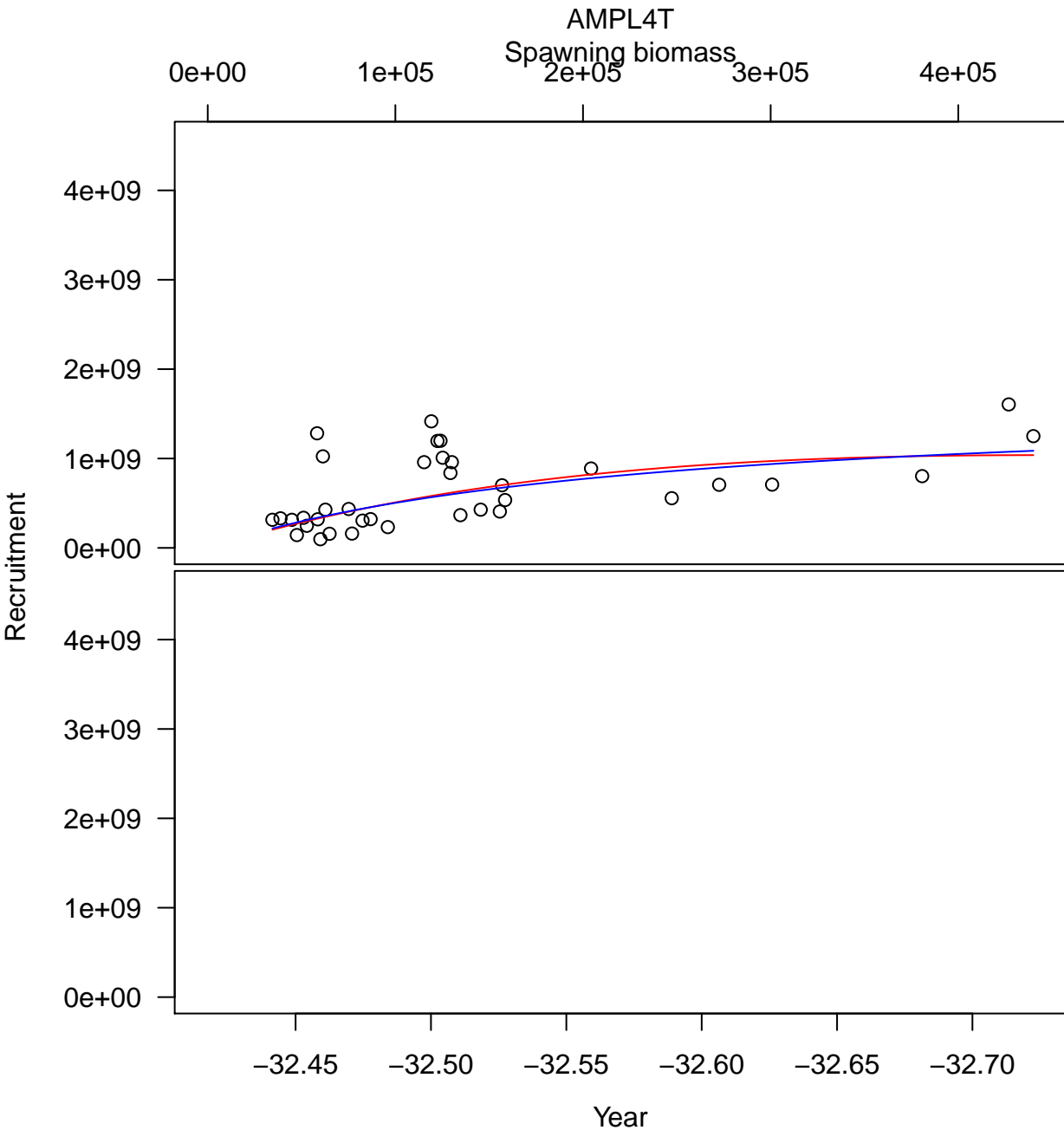
51

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

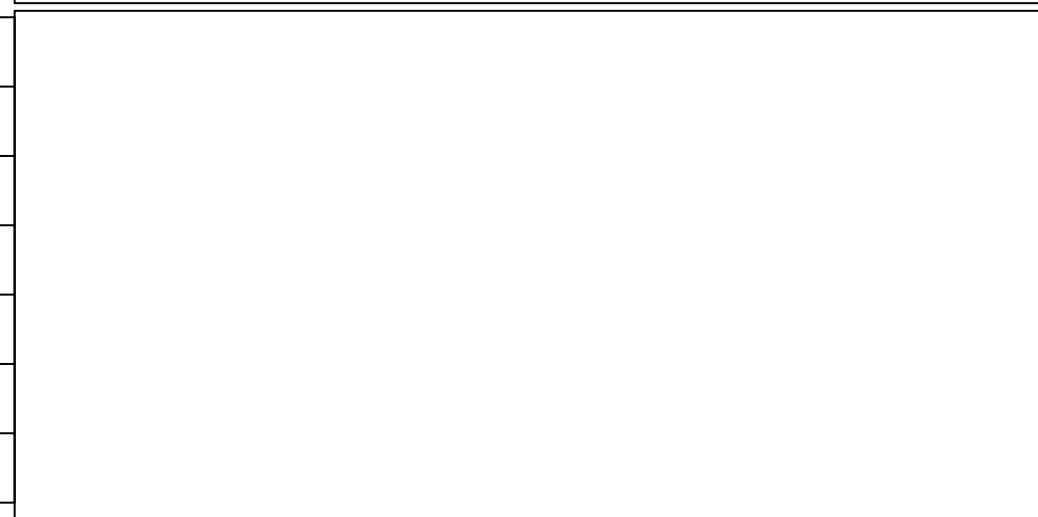
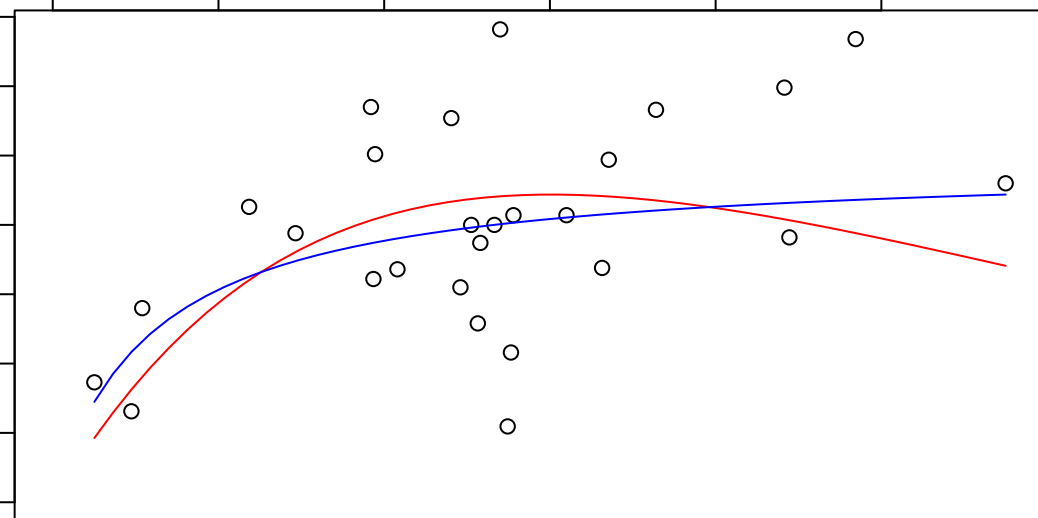
-45

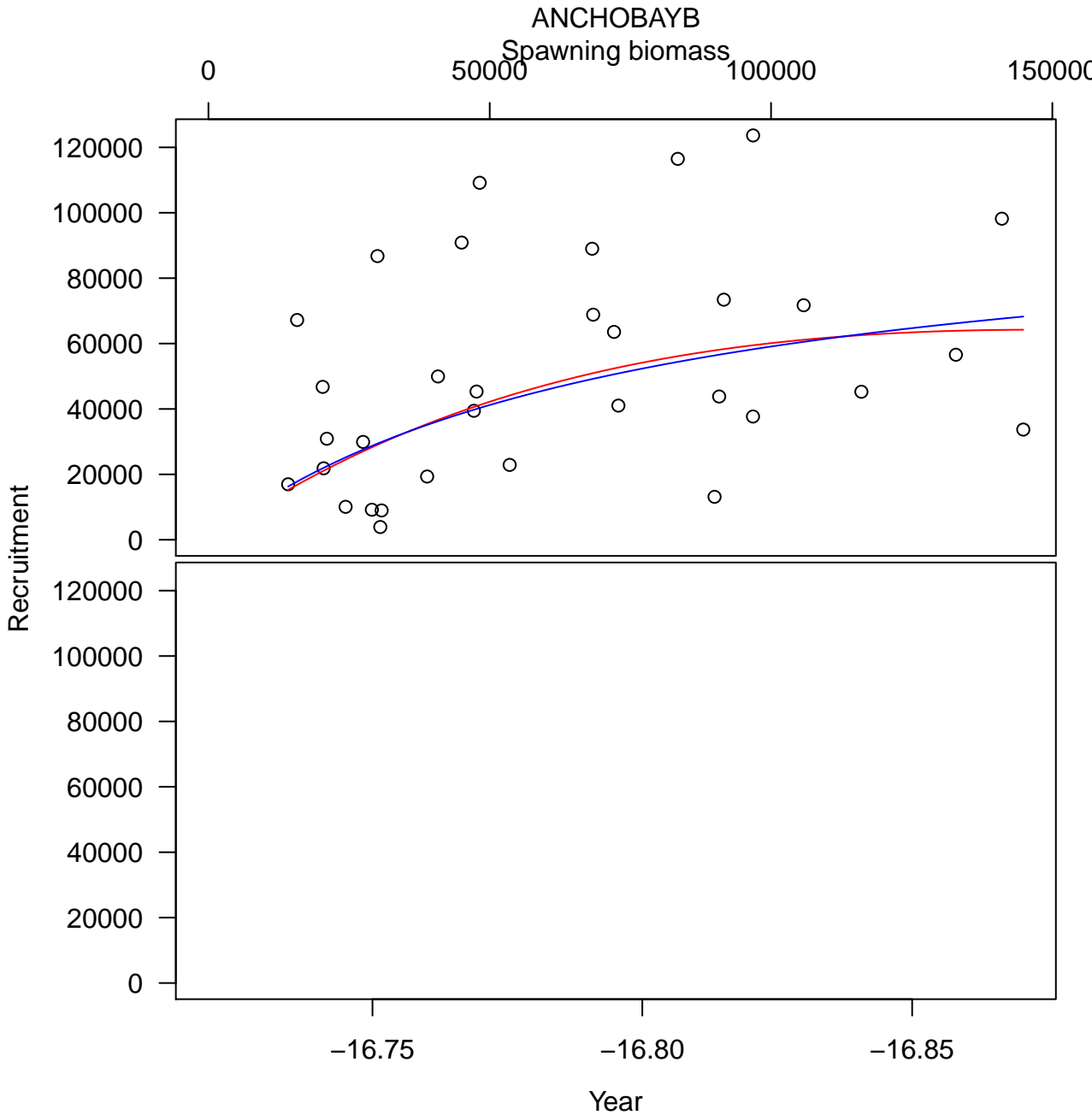
-46

-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

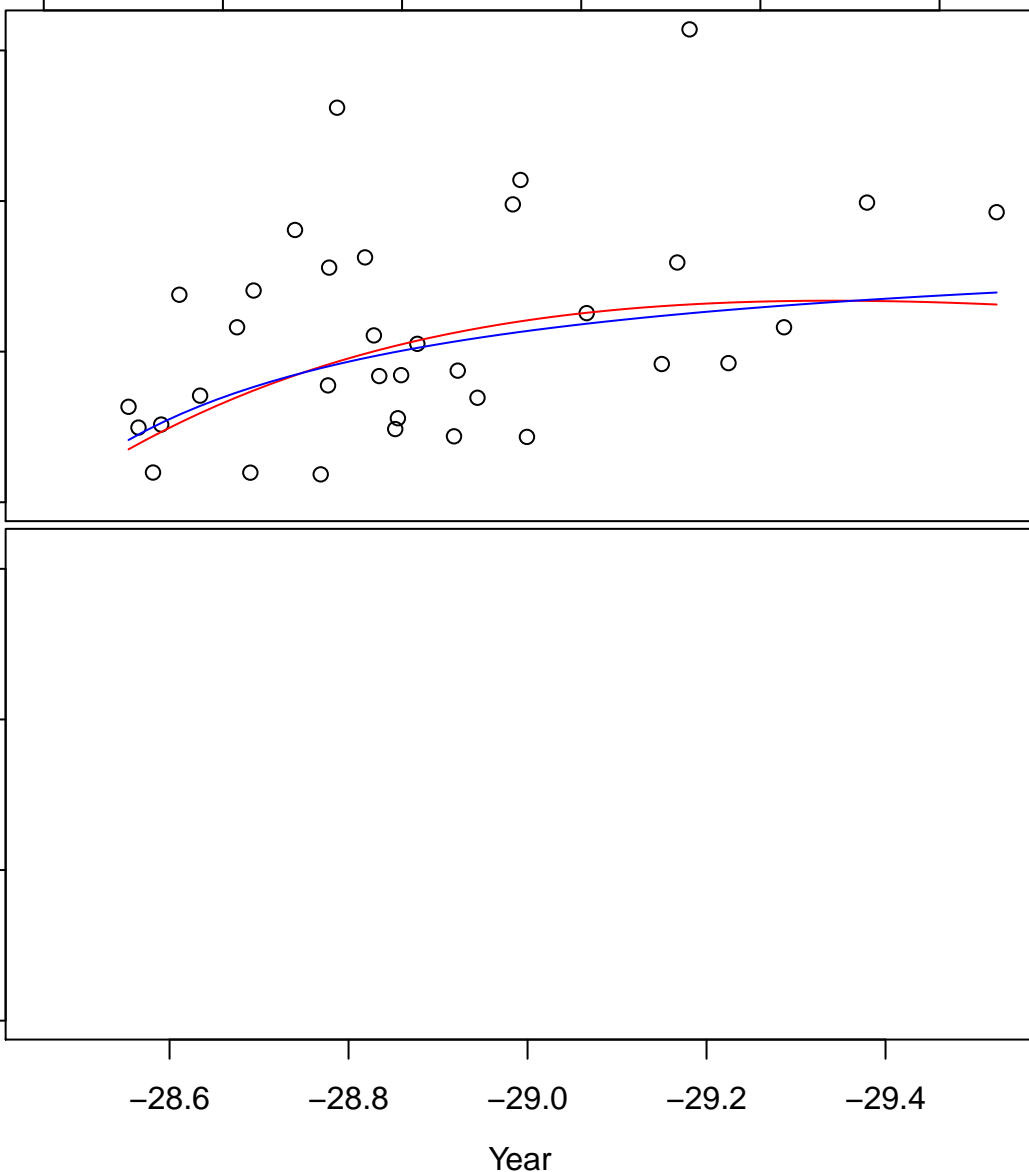
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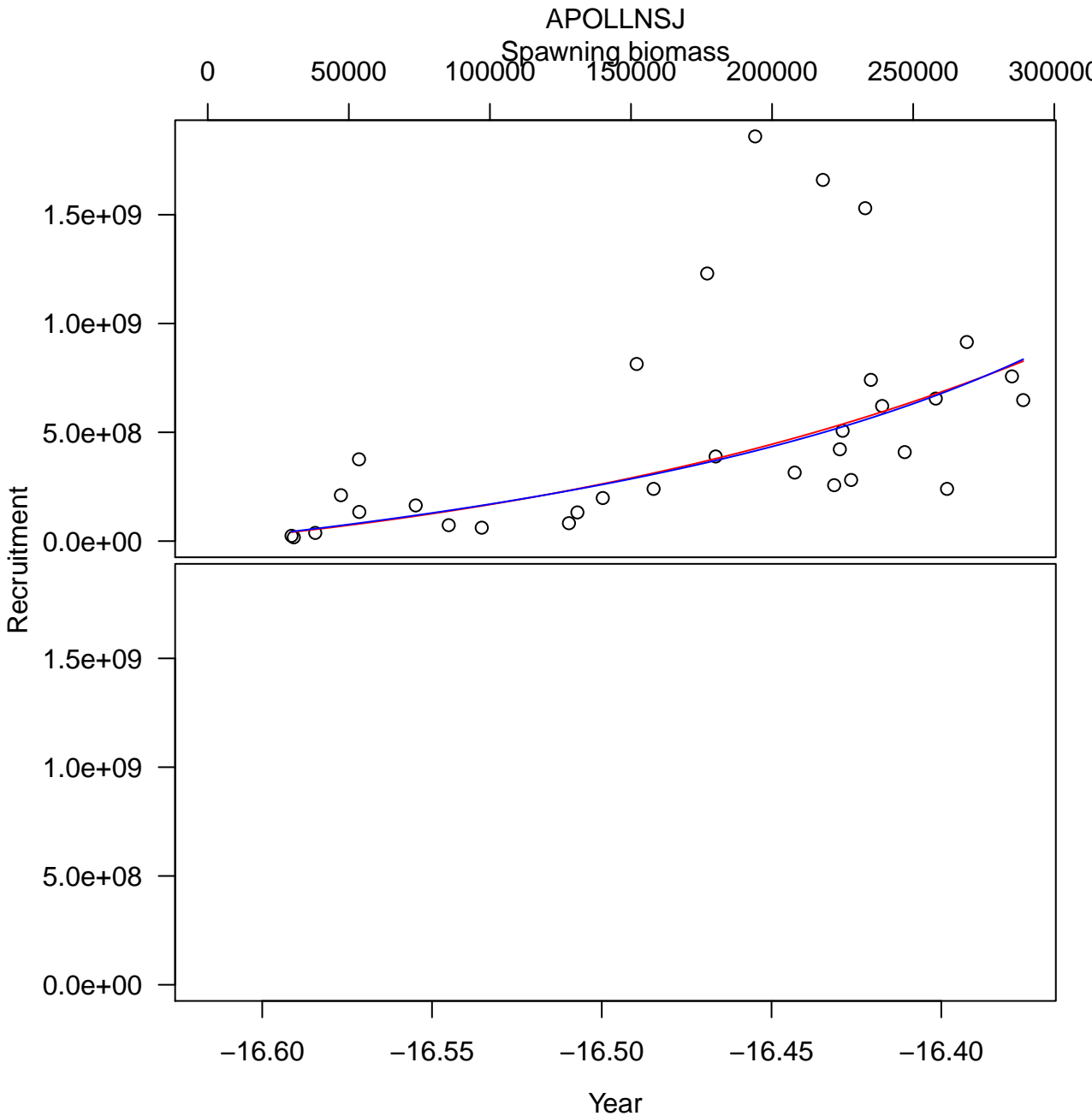
-29.0

-29.2

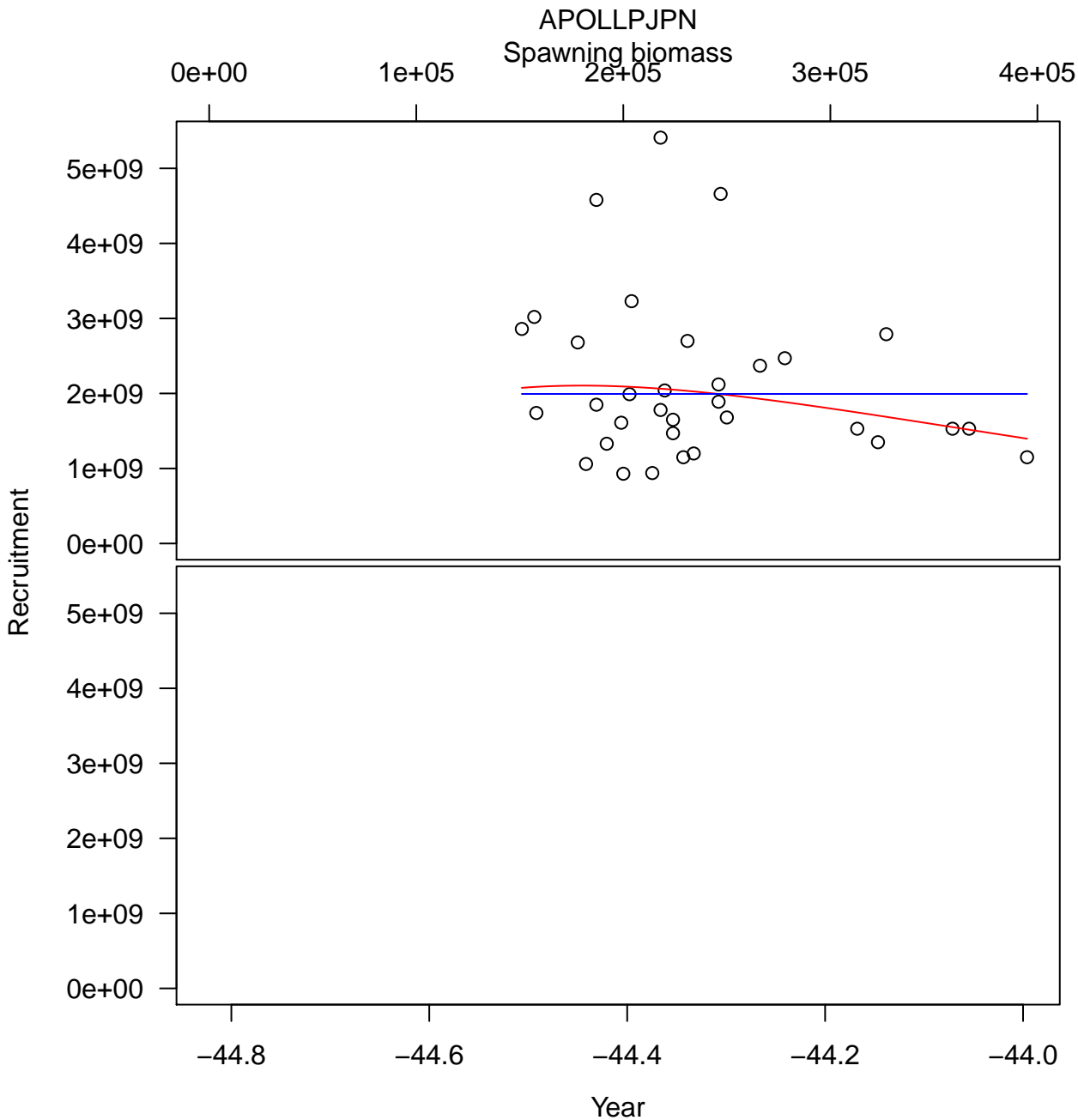
-29.4

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

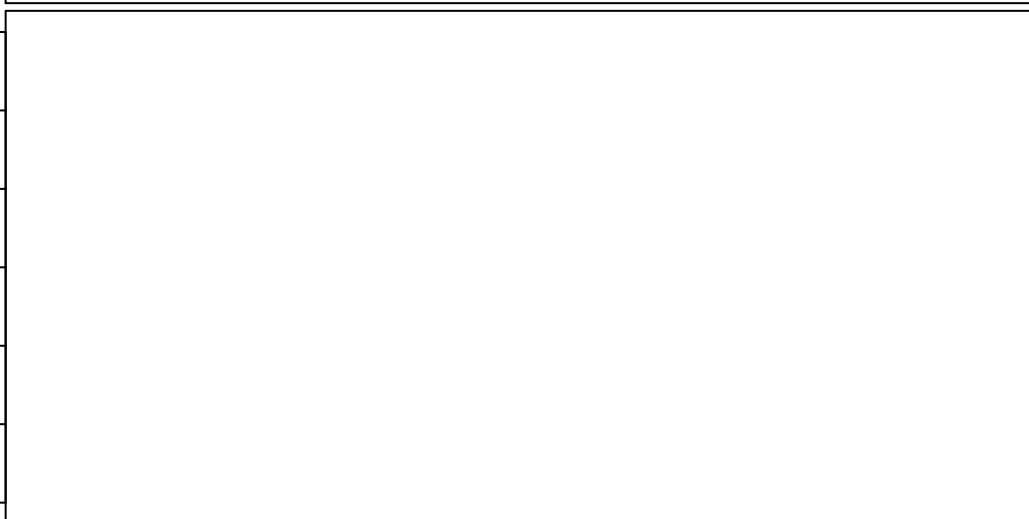
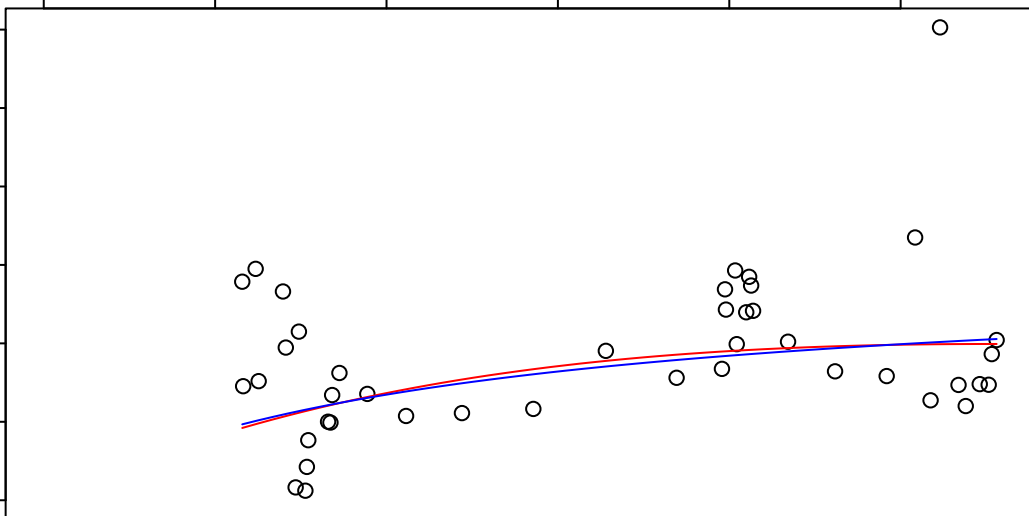
0.0e+00

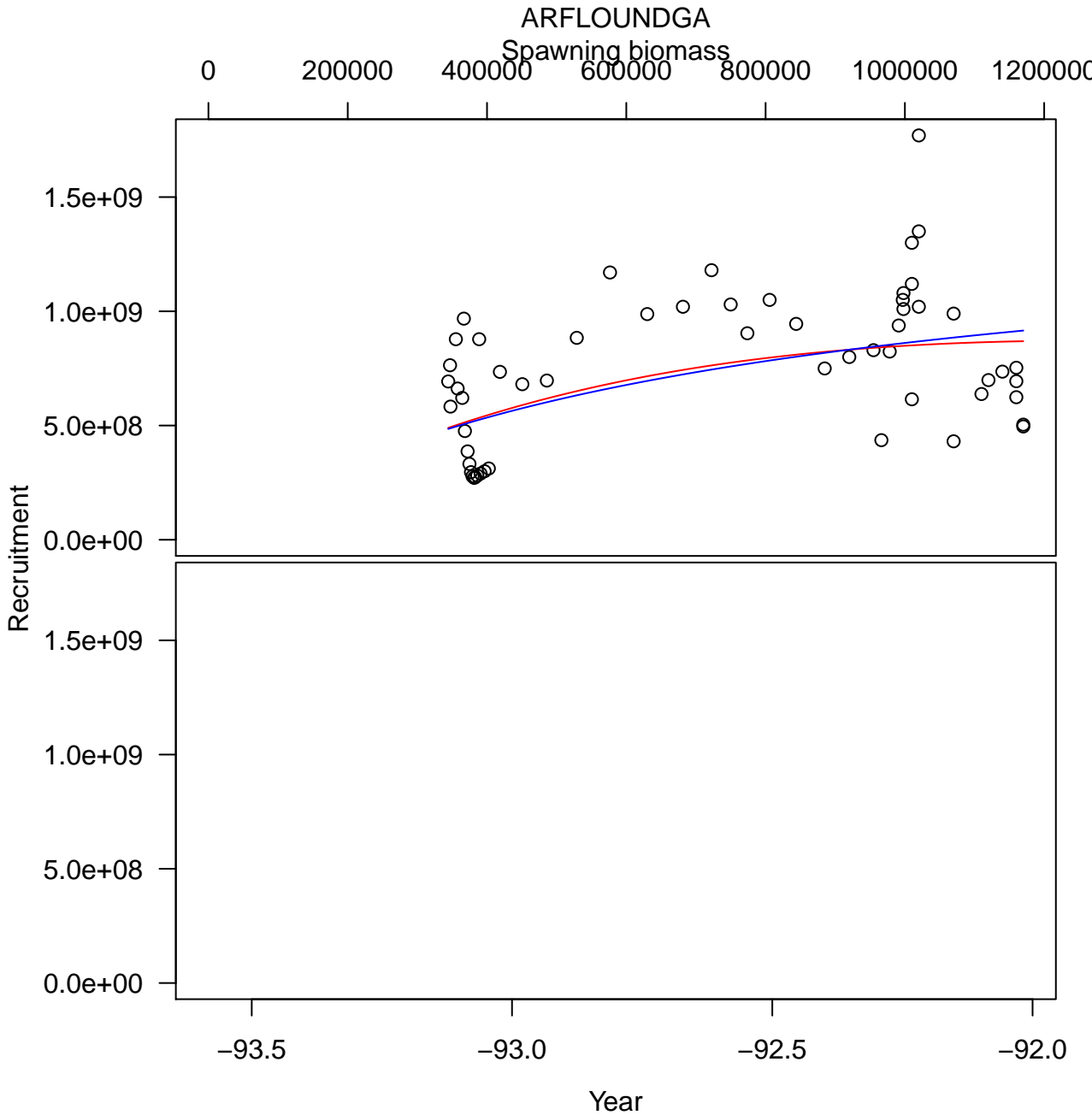
-32.50

-32.55

-32.60

Year





ARFLOUNDCOAST

Spawning biomass

0

20000

40000

60000

Recruitment

$1.5 \times 10^8$

$1.0 \times 10^8$

$5.0 \times 10^7$

$0.0 \times 10^0$

$1.5 \times 10^8$

$1.0 \times 10^8$

$5.0 \times 10^7$

$0.0 \times 10^0$

-19.6

-19.5

-19.4

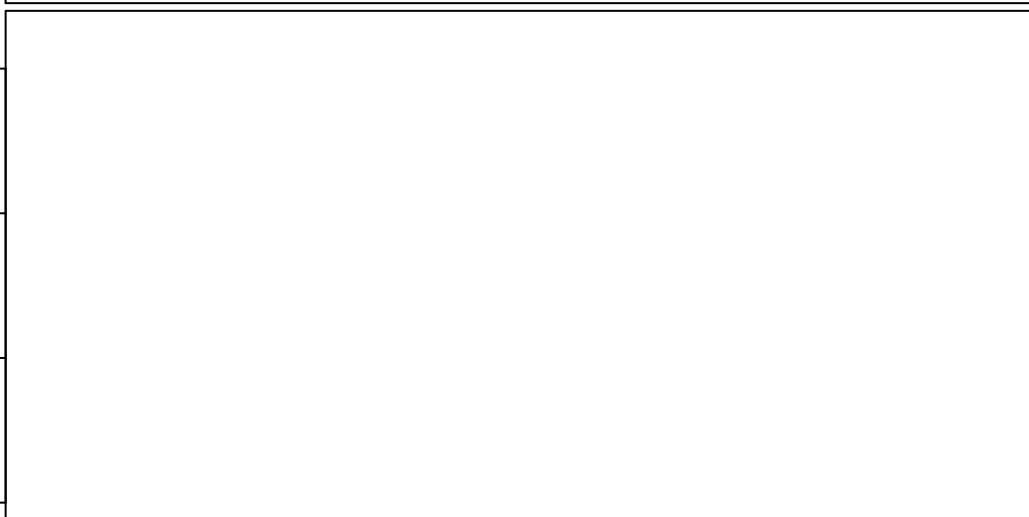
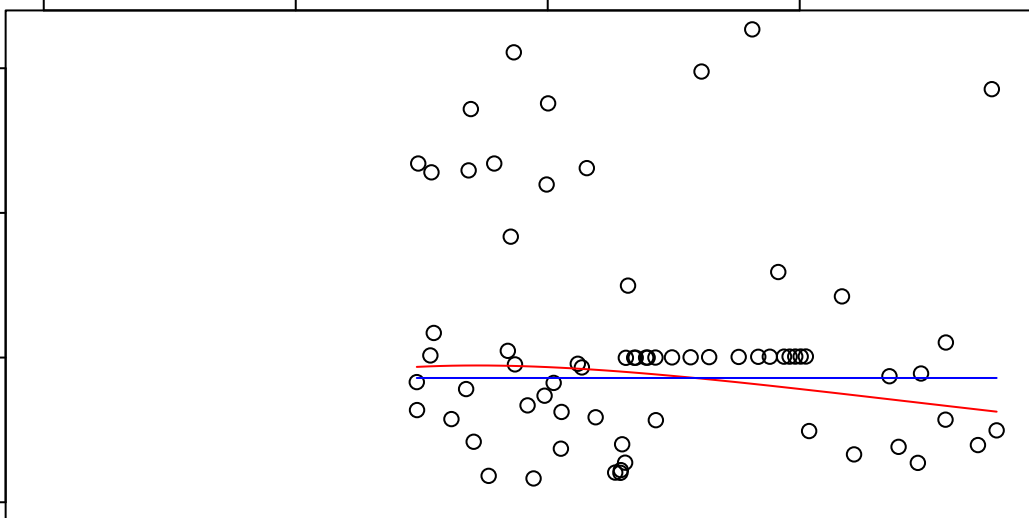
-19.3

-19.2

-19.1

-19.0

Year



ARGANCHONARG

Spawning biomass

0 500000 1000000 1500000 2000000 2500000

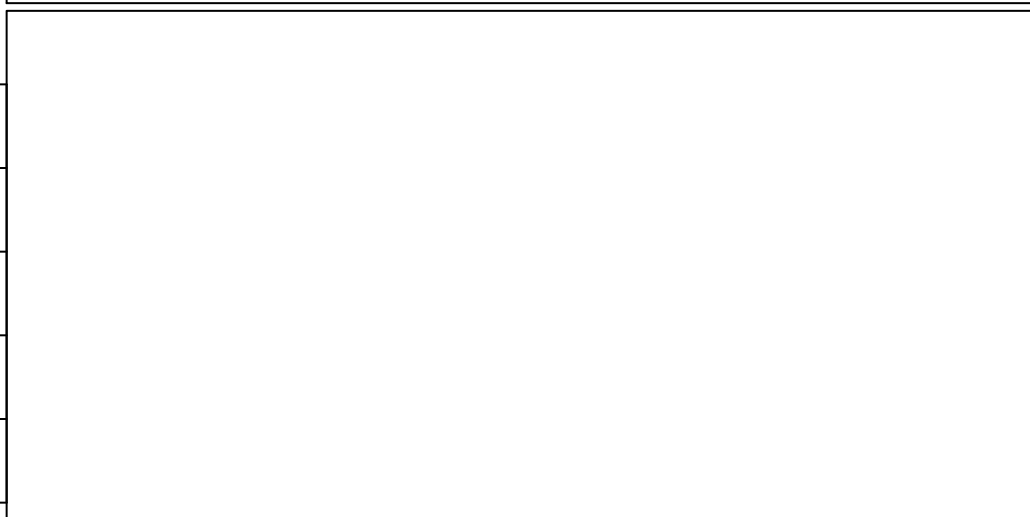
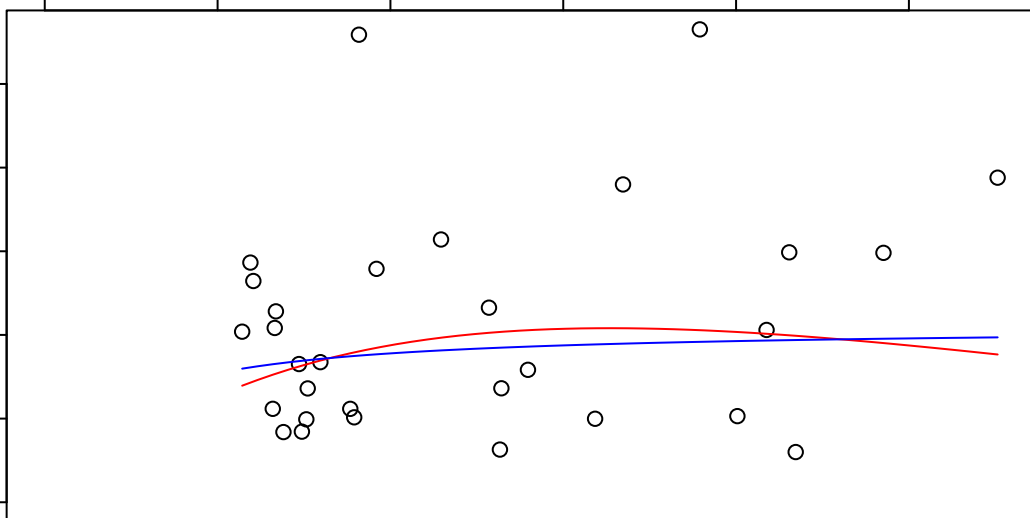
Recruitment

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

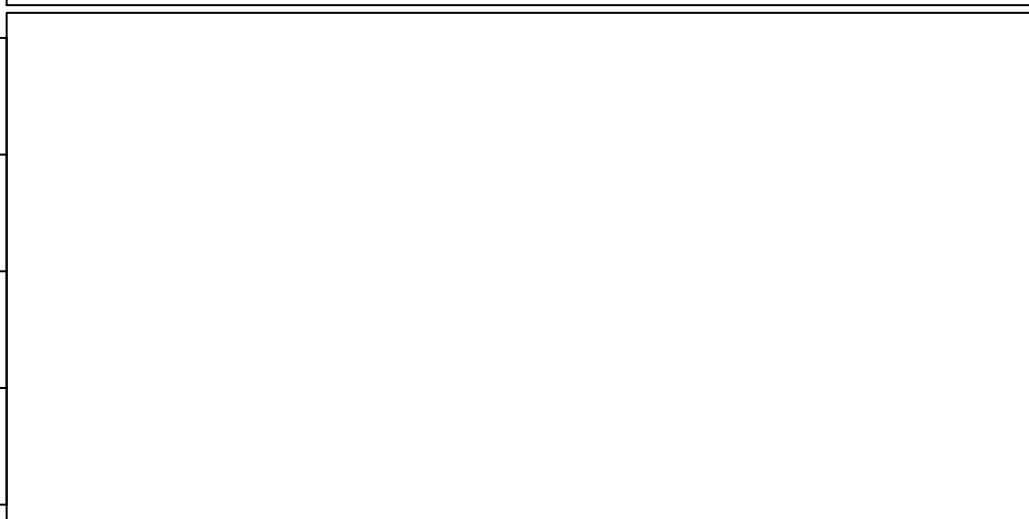
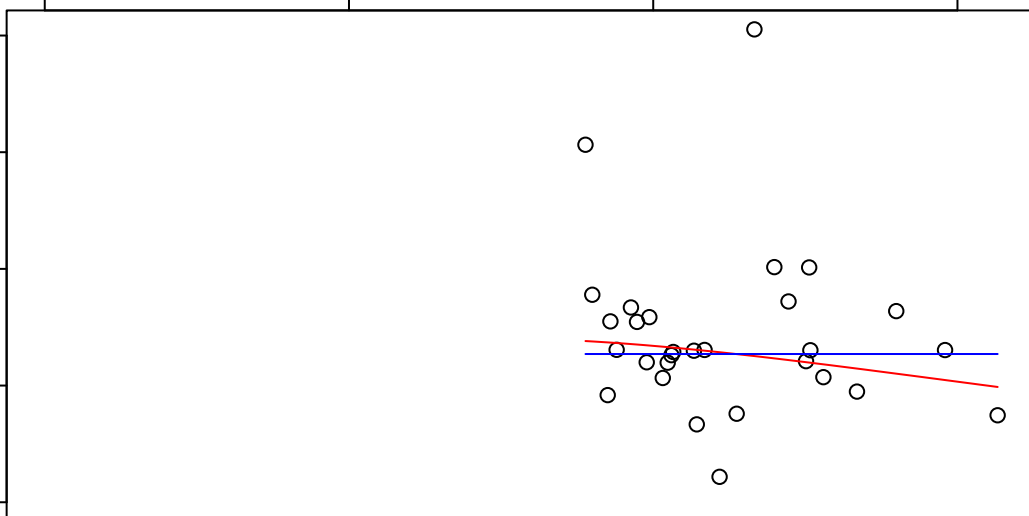
-27.7

-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

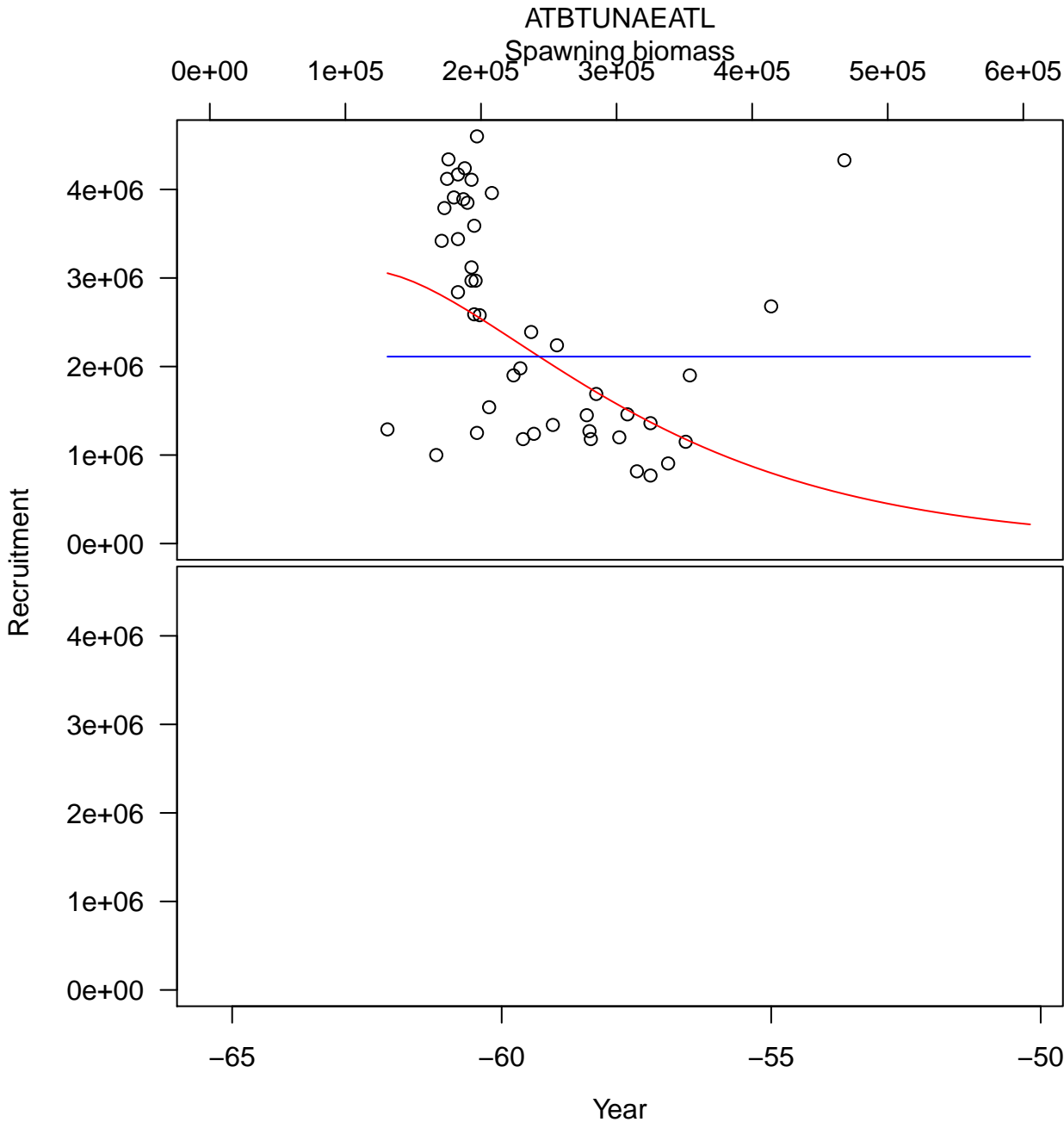
-61.68

-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

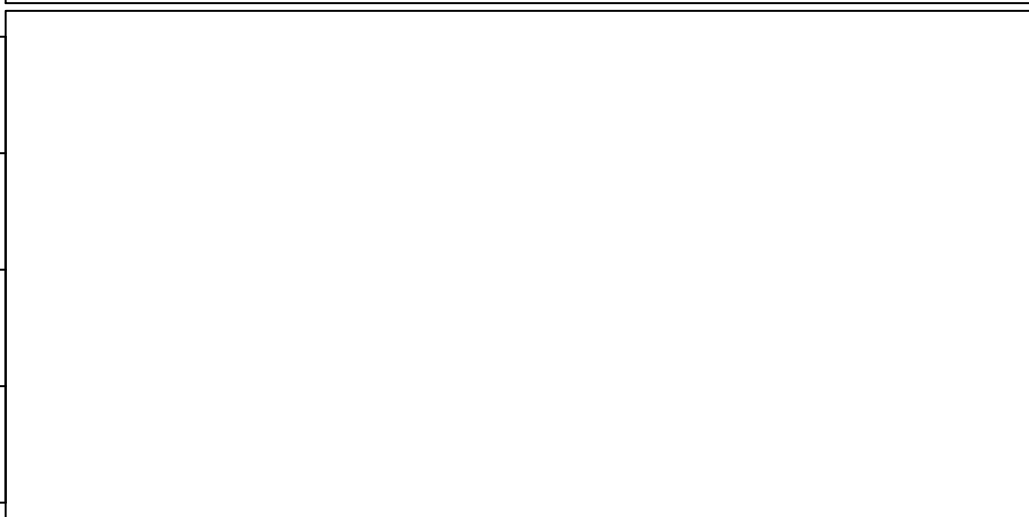
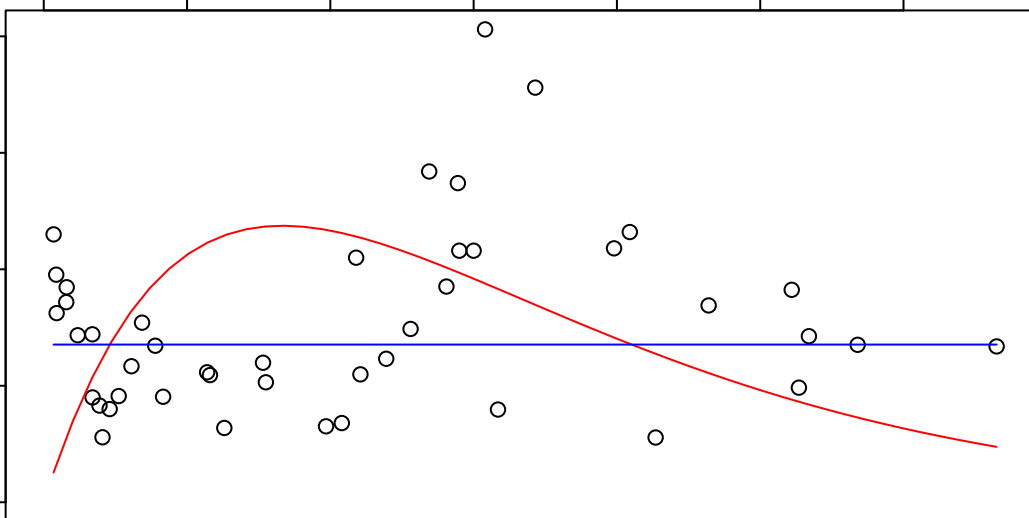
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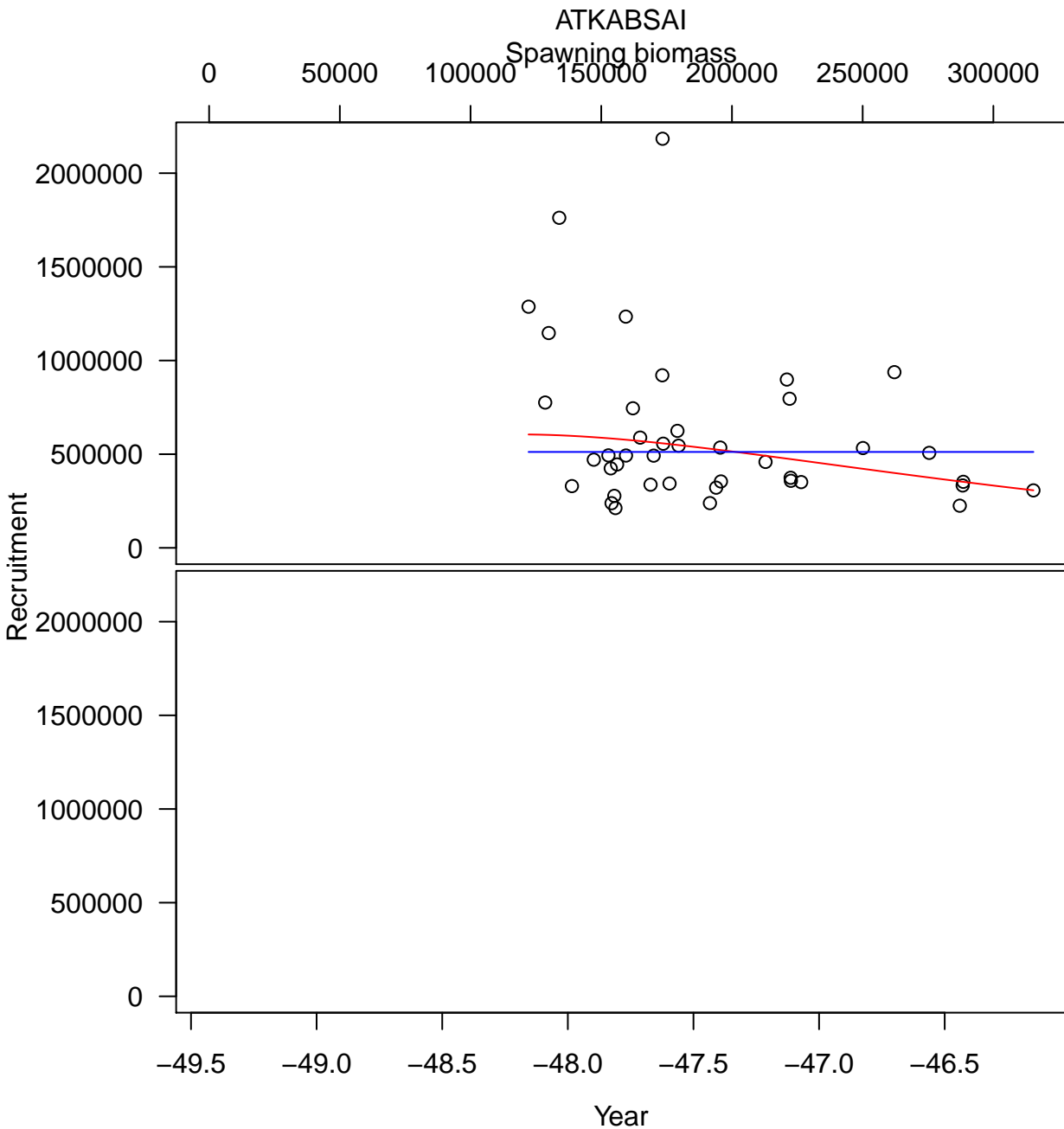
-40

-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

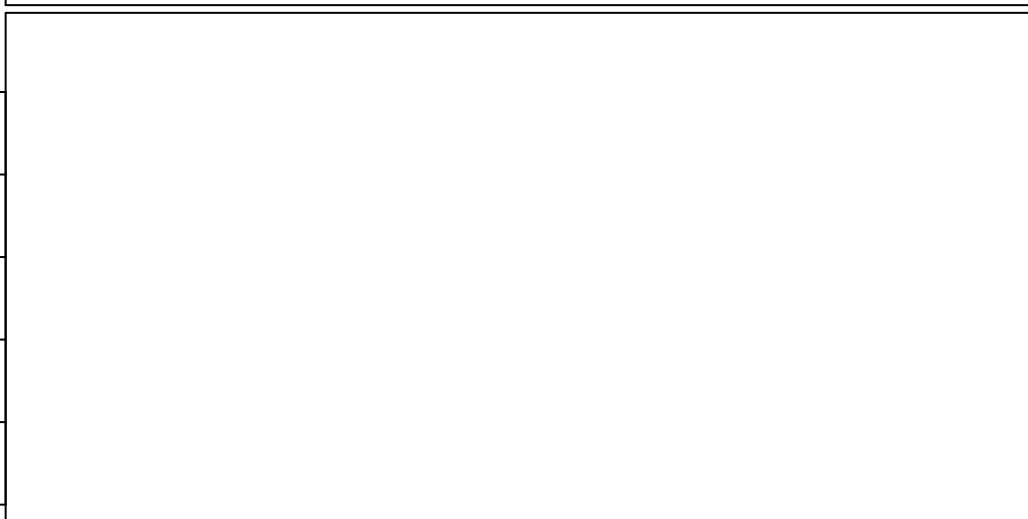
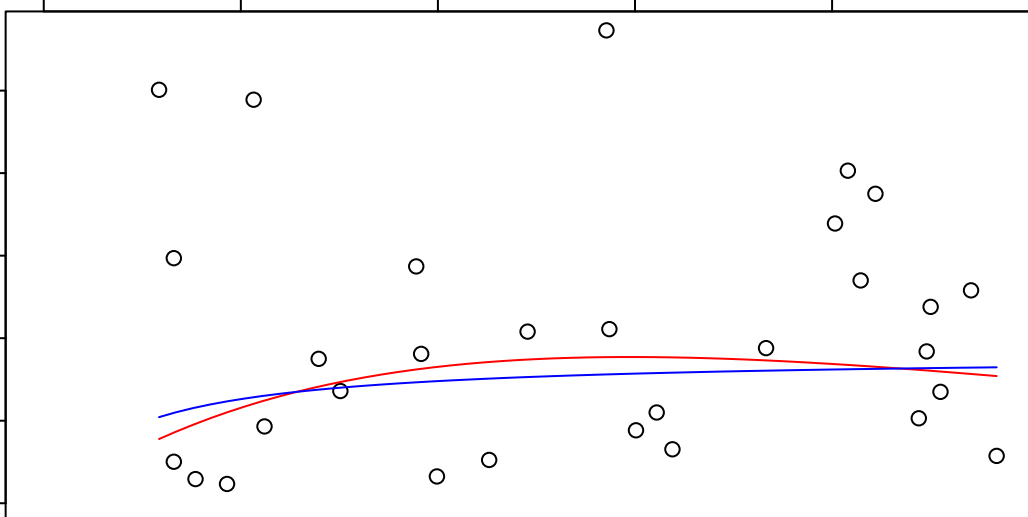
-7.4

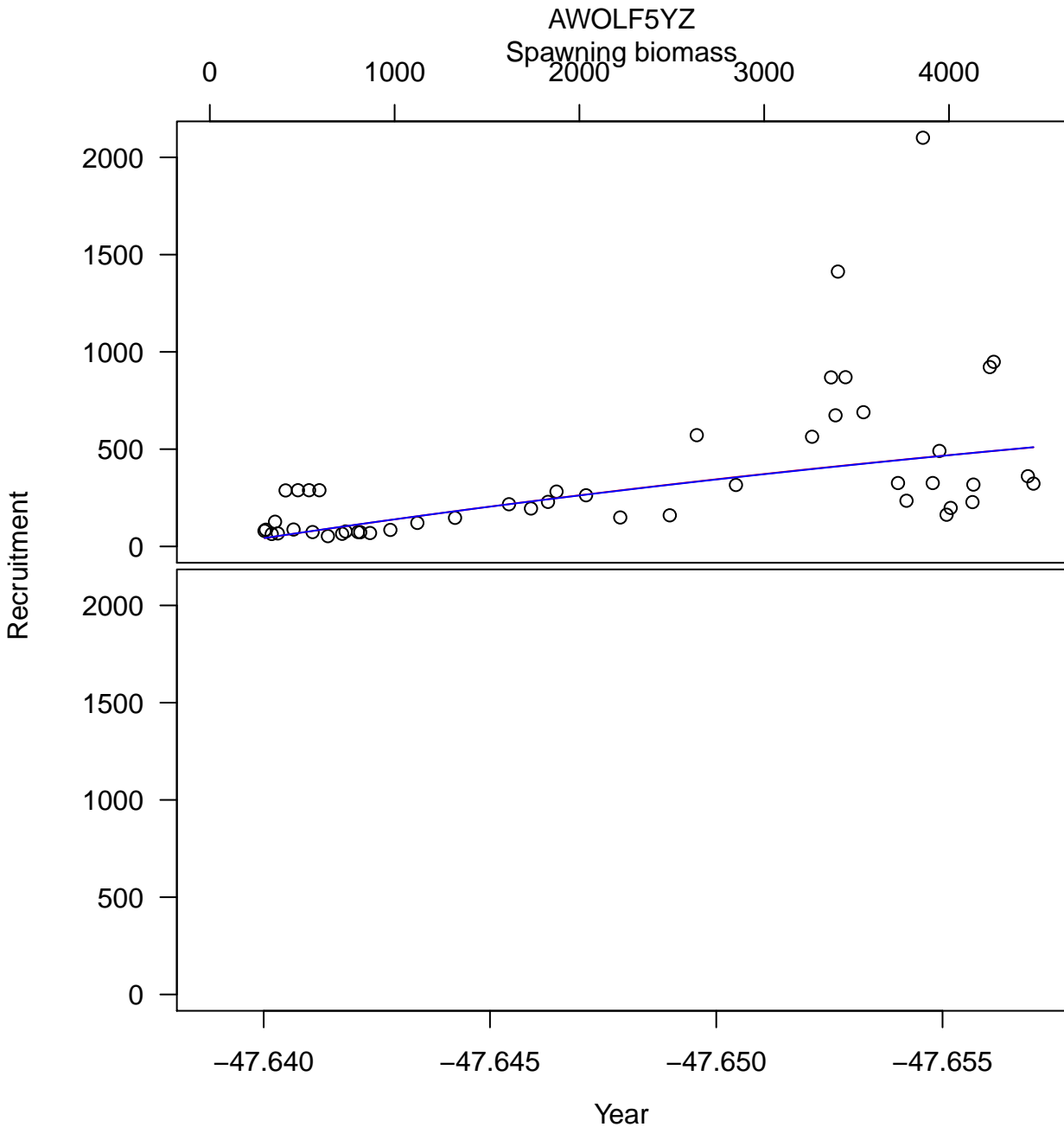
-7.6

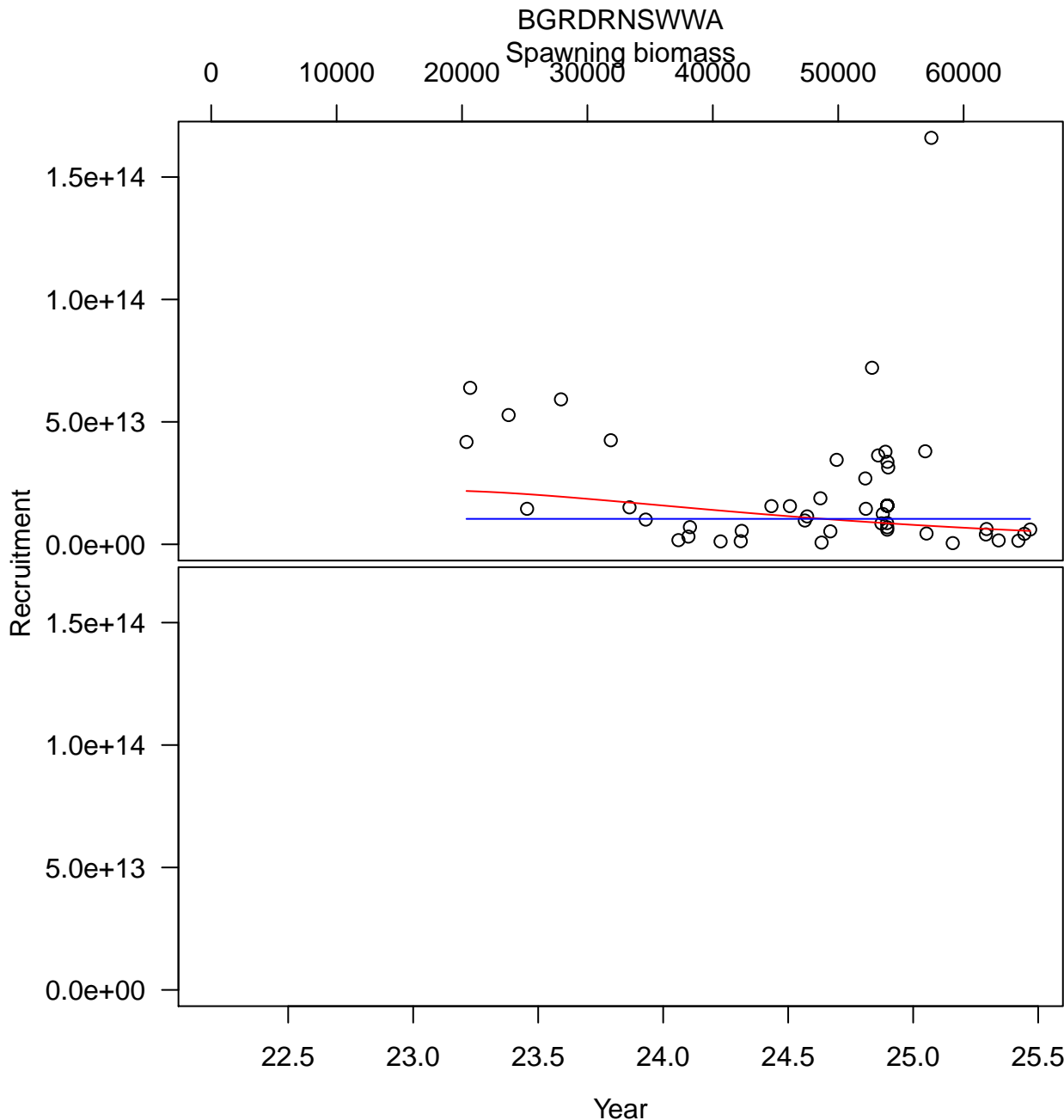
-7.8

-8.0

Year







# BIGEYECWPAC

Spawning biomass

0 500000 1000000 1500000 2000000 2500000

3.5e+07

3.0e+07

2.5e+07

2.0e+07

1.5e+07

1.0e+07

5.0e+06

0.0e+00

Recruitment

3.5e+07

3.0e+07

2.5e+07

2.0e+07

1.5e+07

1.0e+07

5.0e+06

0.0e+00

-109.1

-109.2

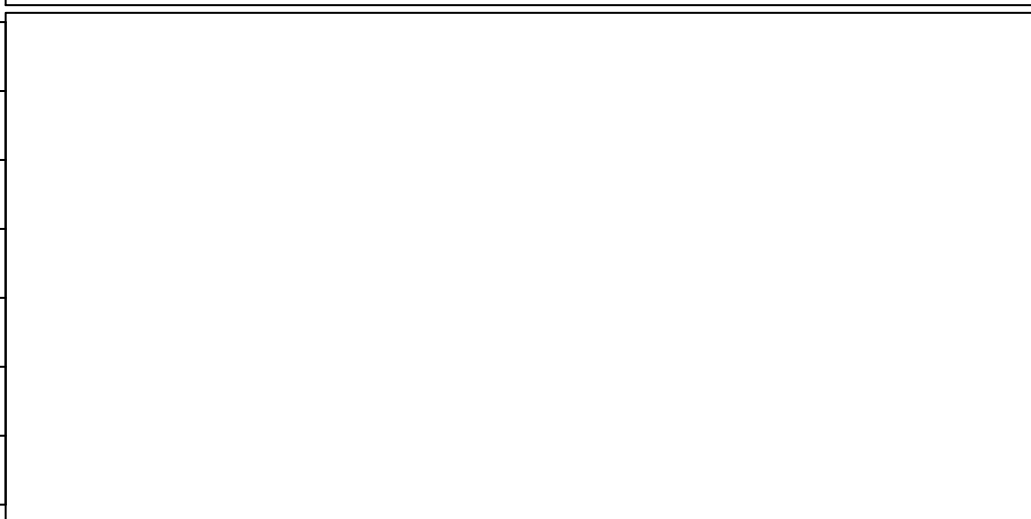
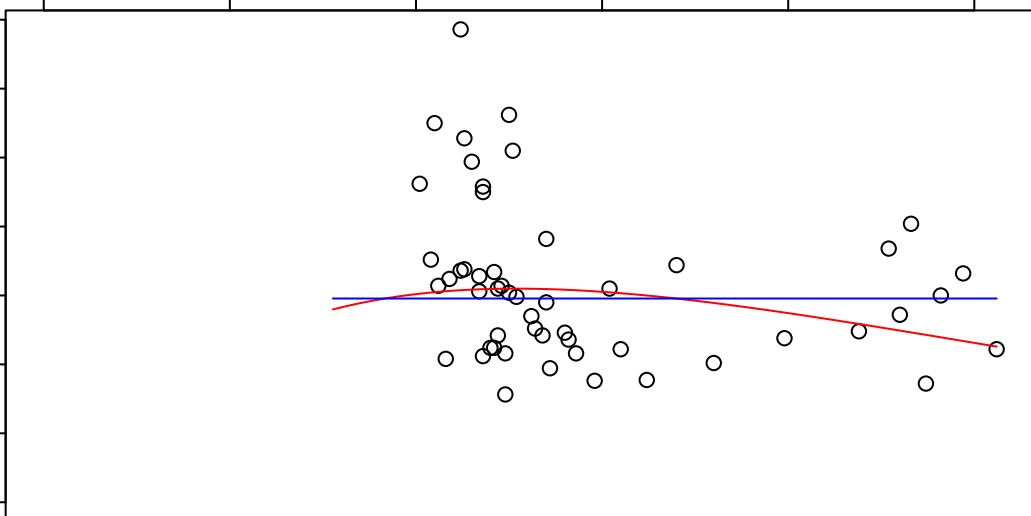
-109.3

-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

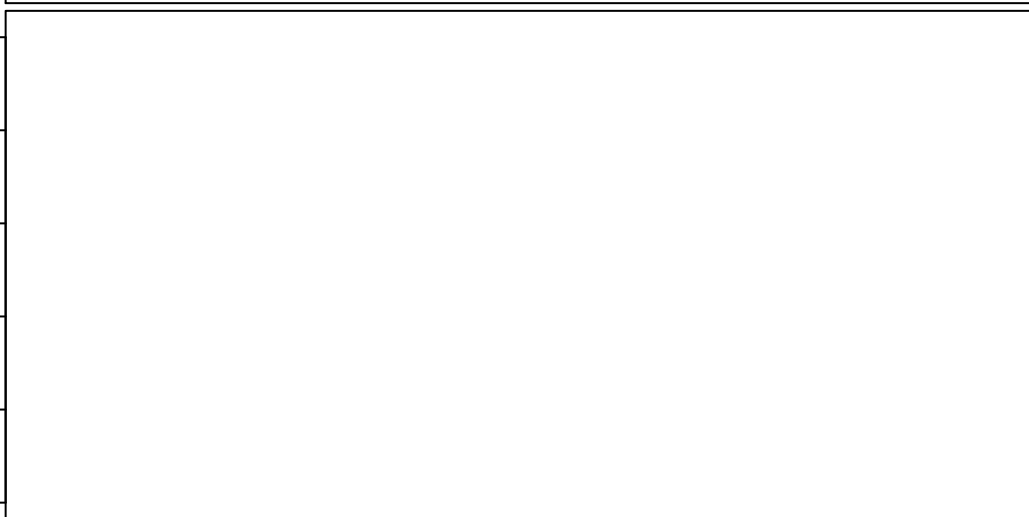
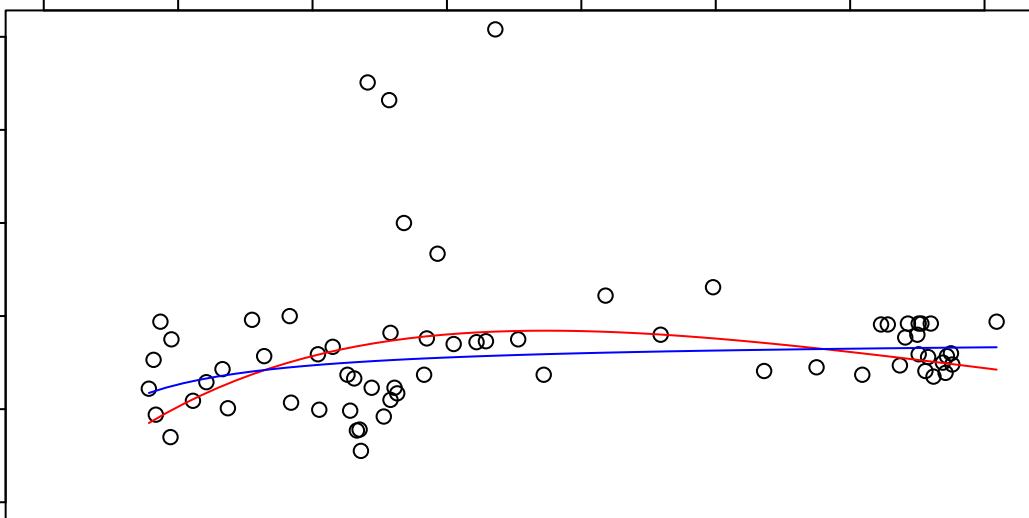
-107

-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

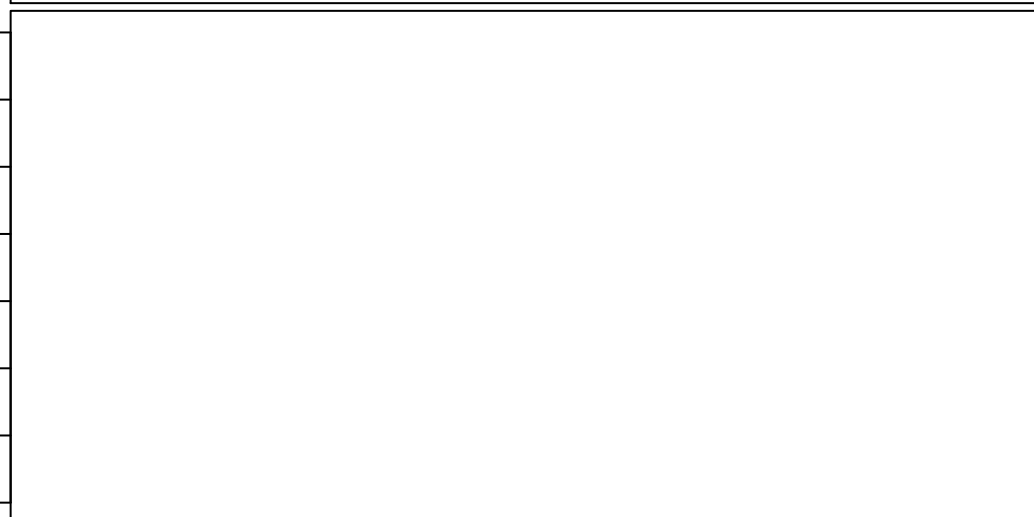
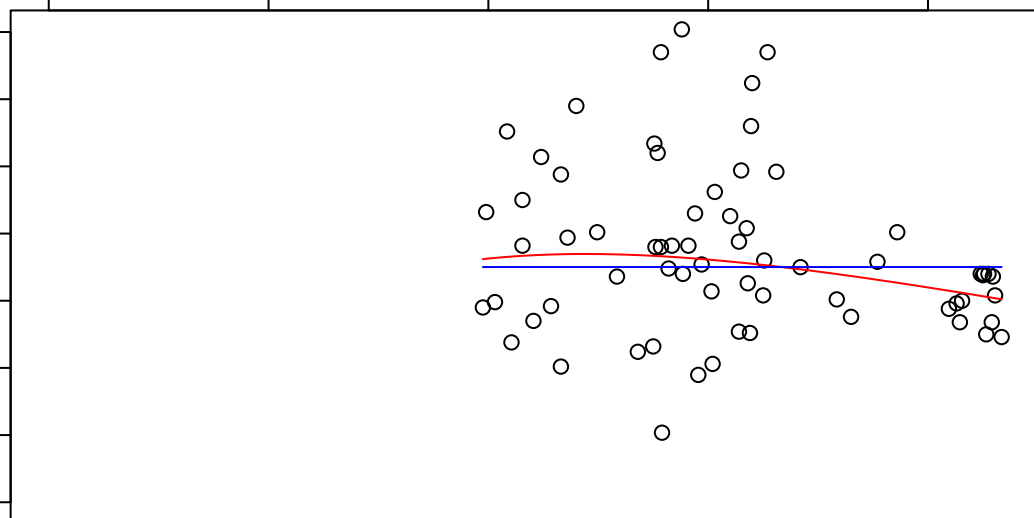
-118.0

-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

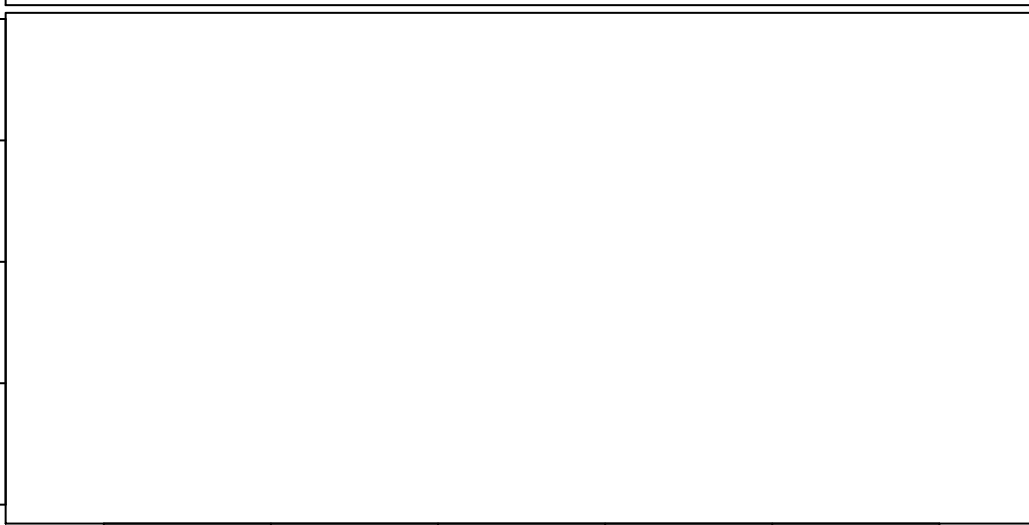
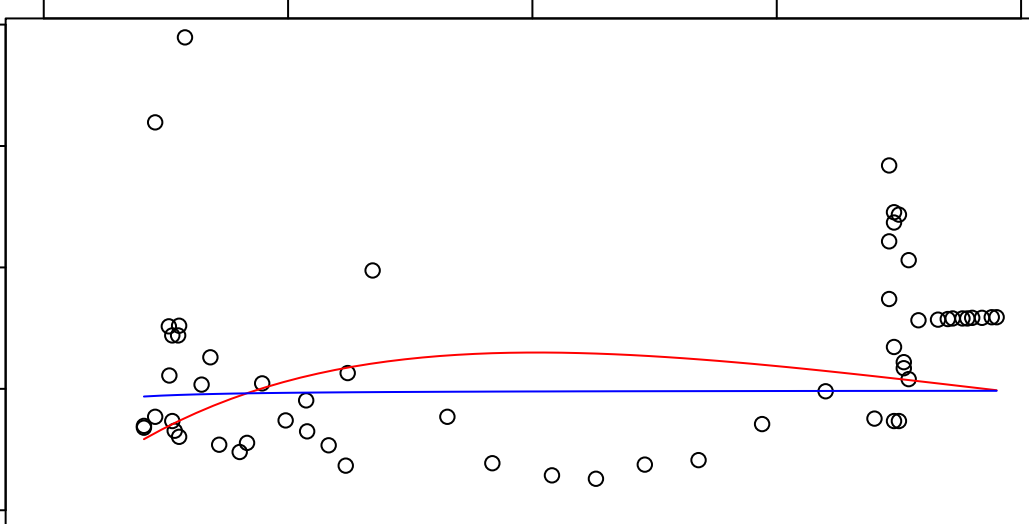
-32

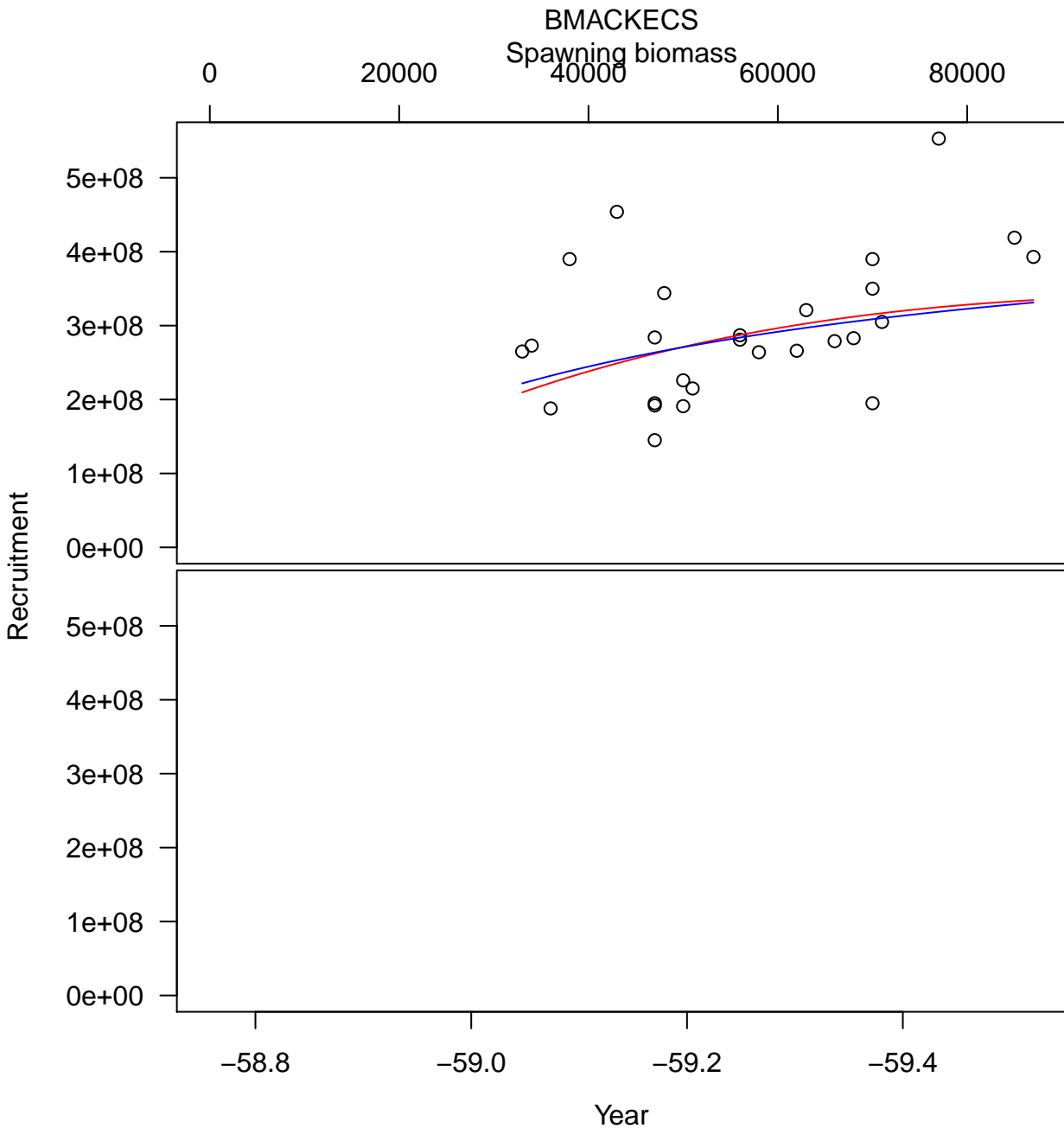
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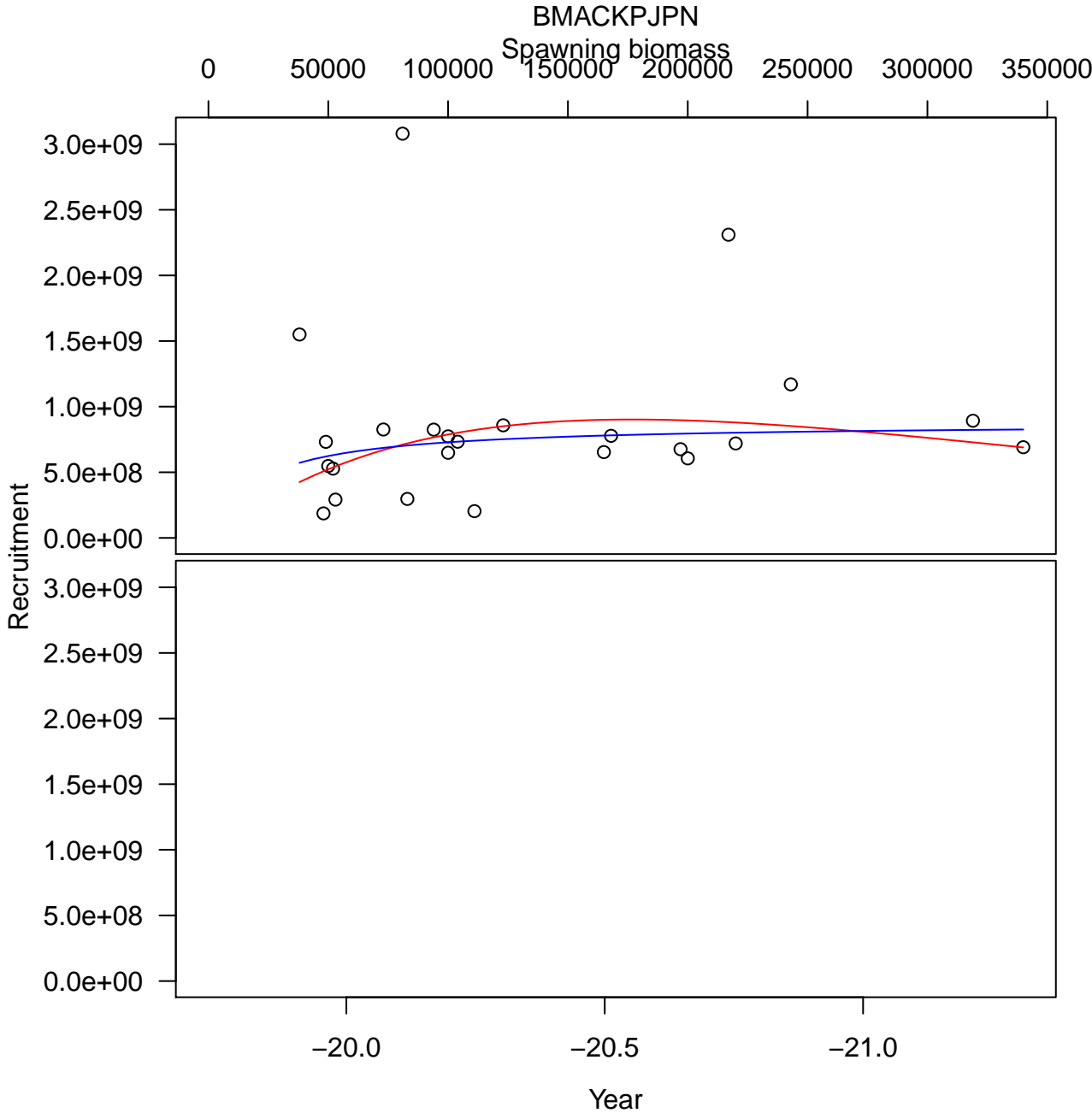
-36

-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

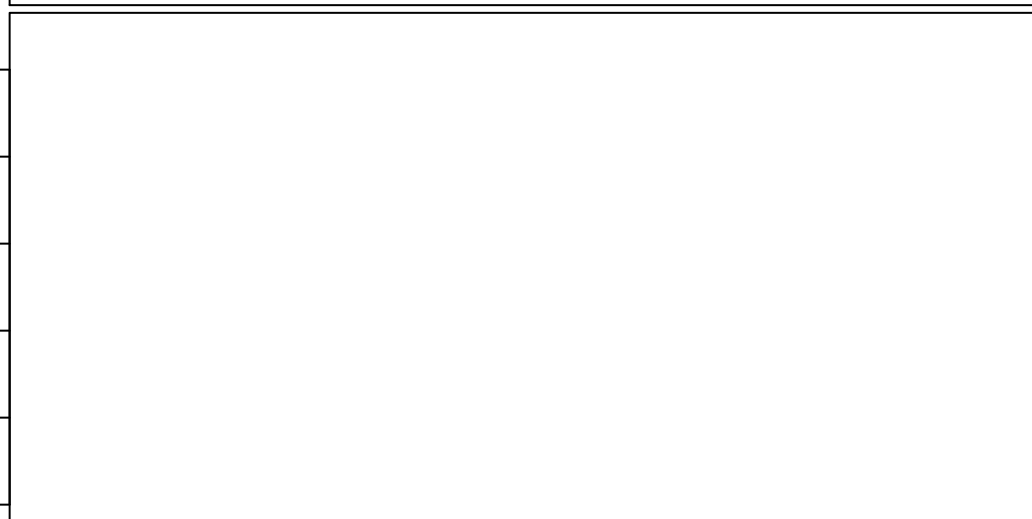
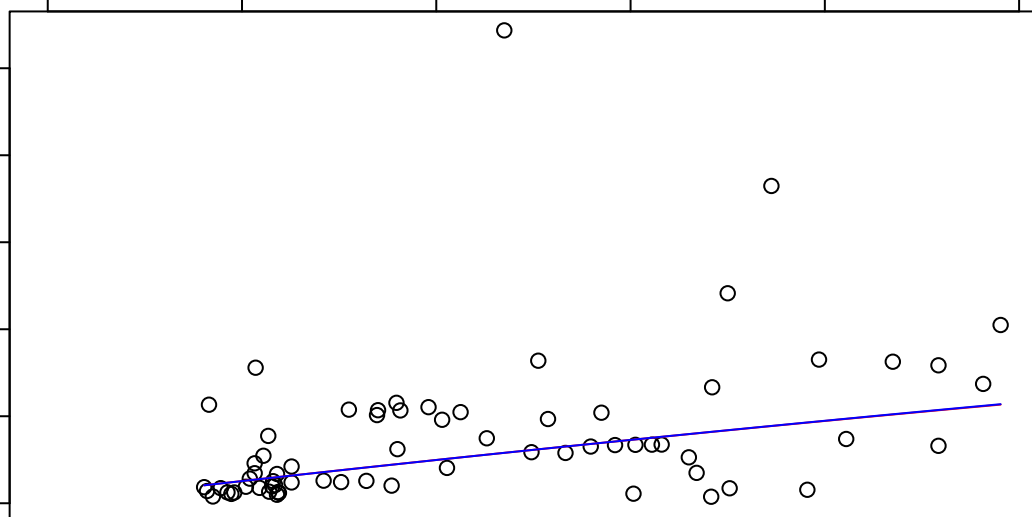
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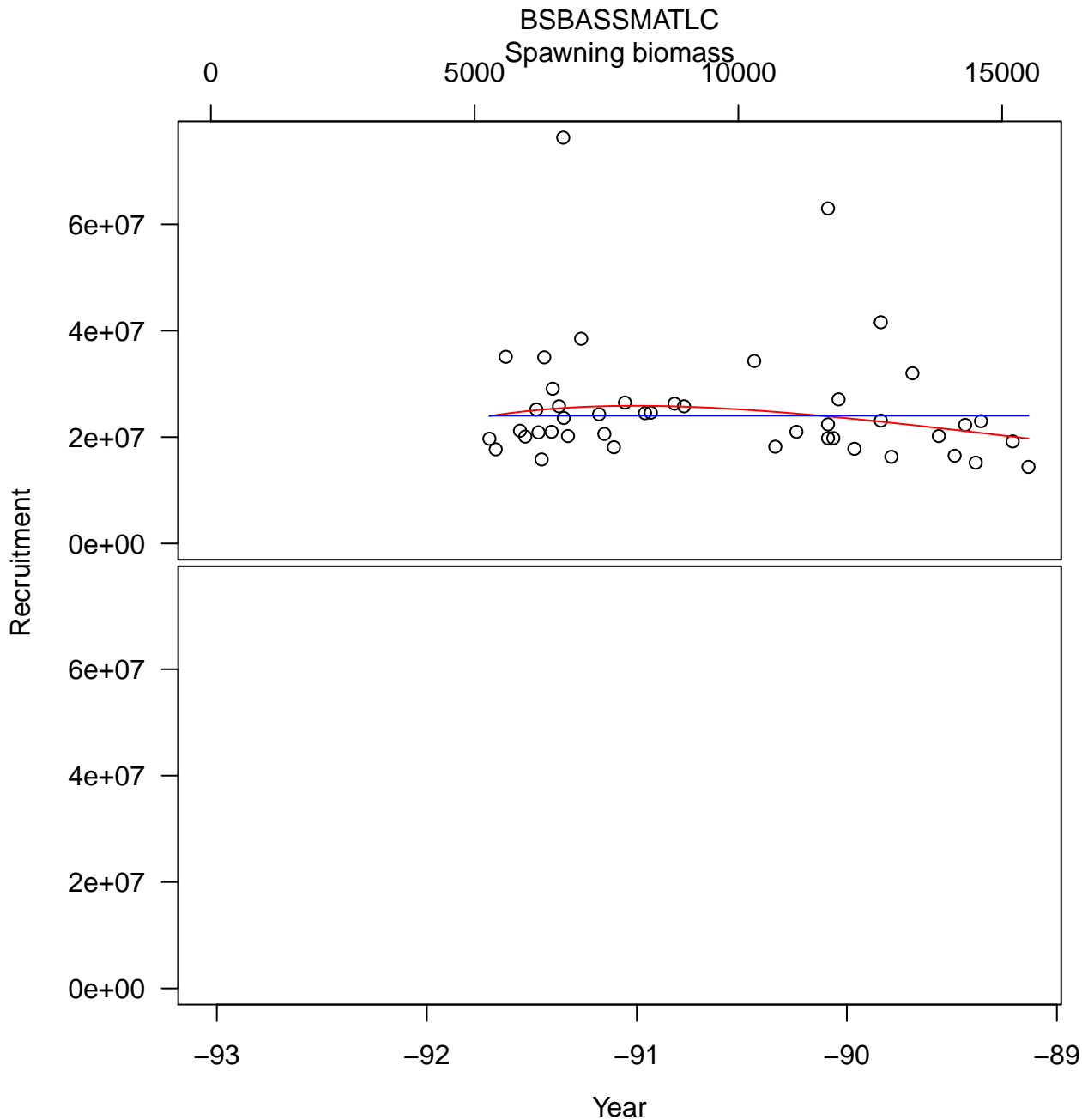
-16.8470

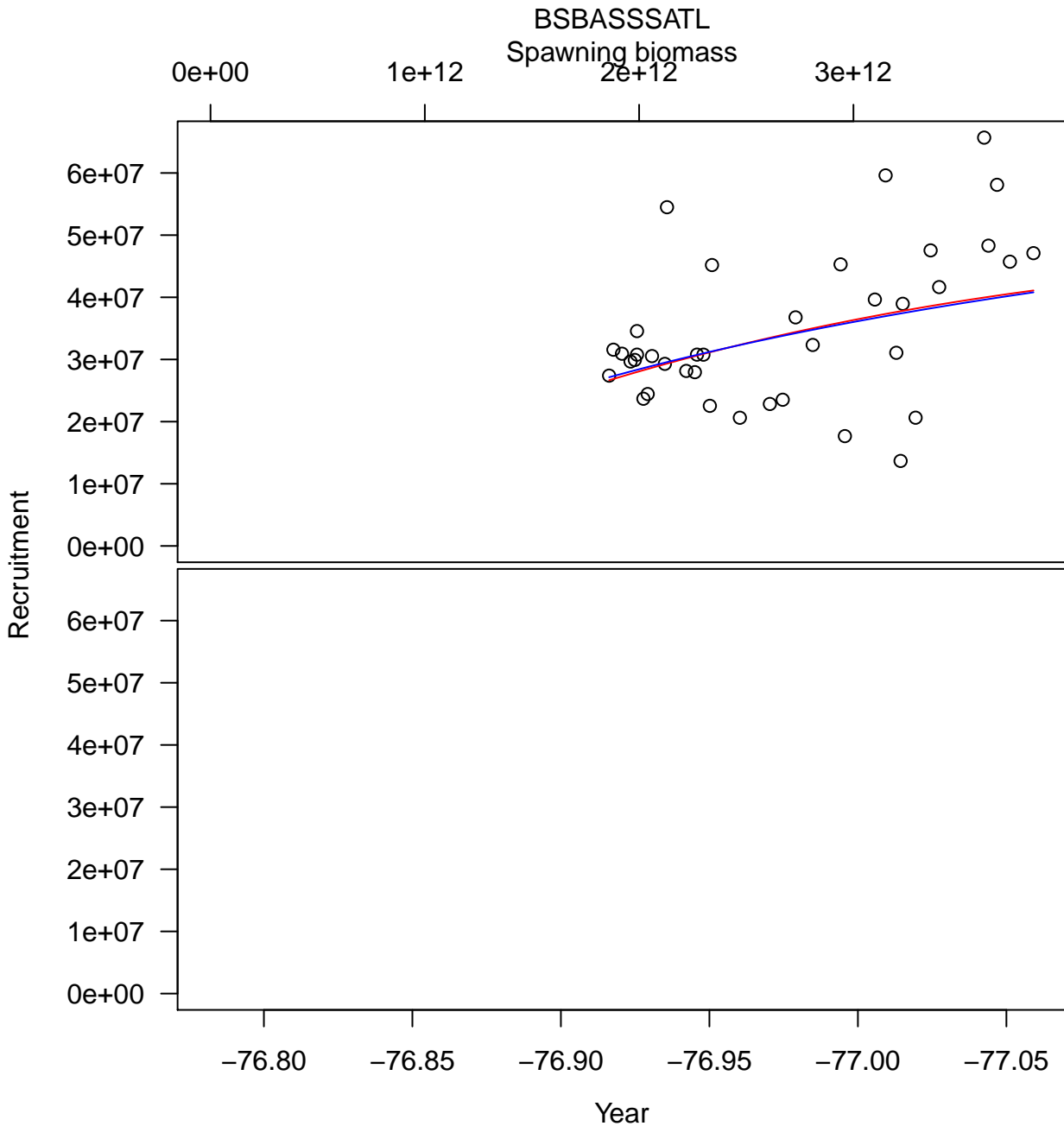
-16.8460

-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

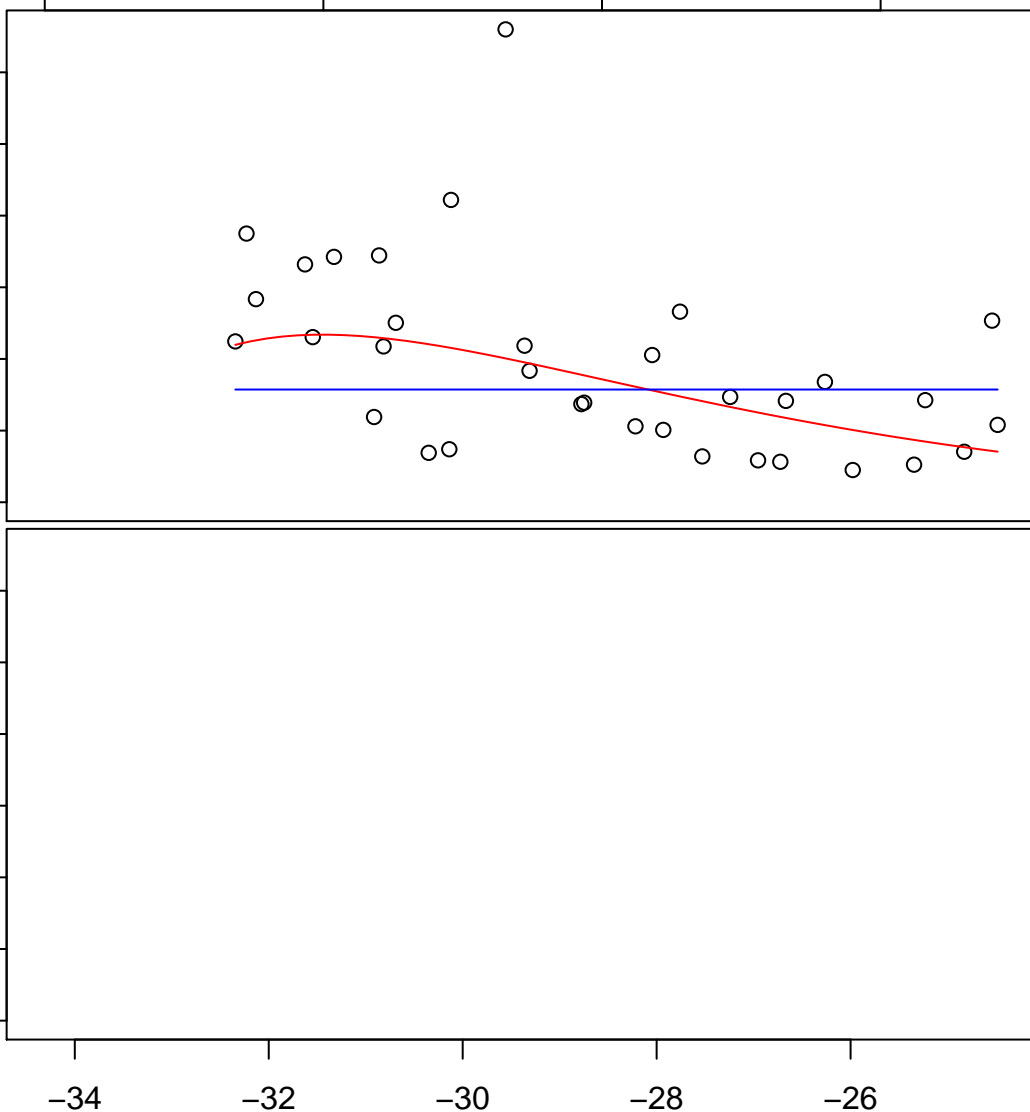
-32

-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

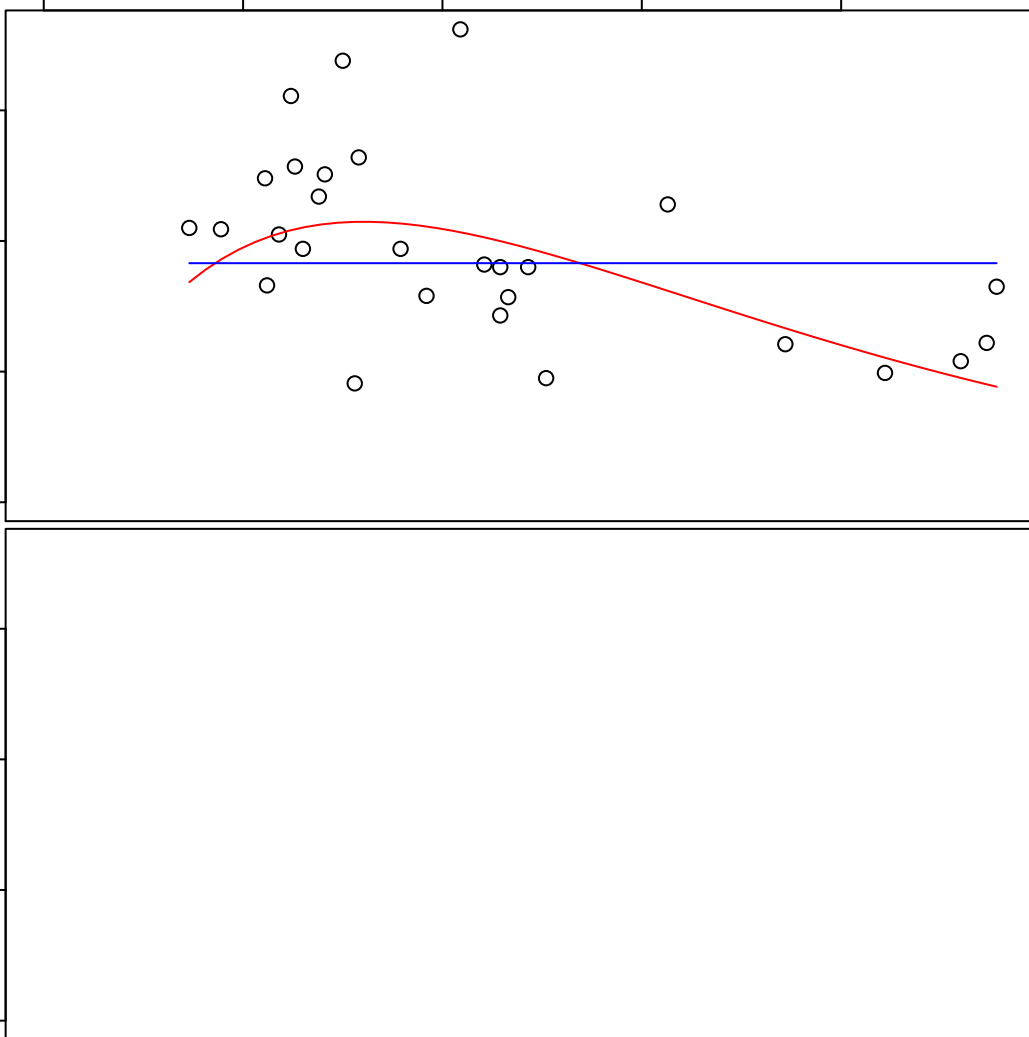
-54

-52

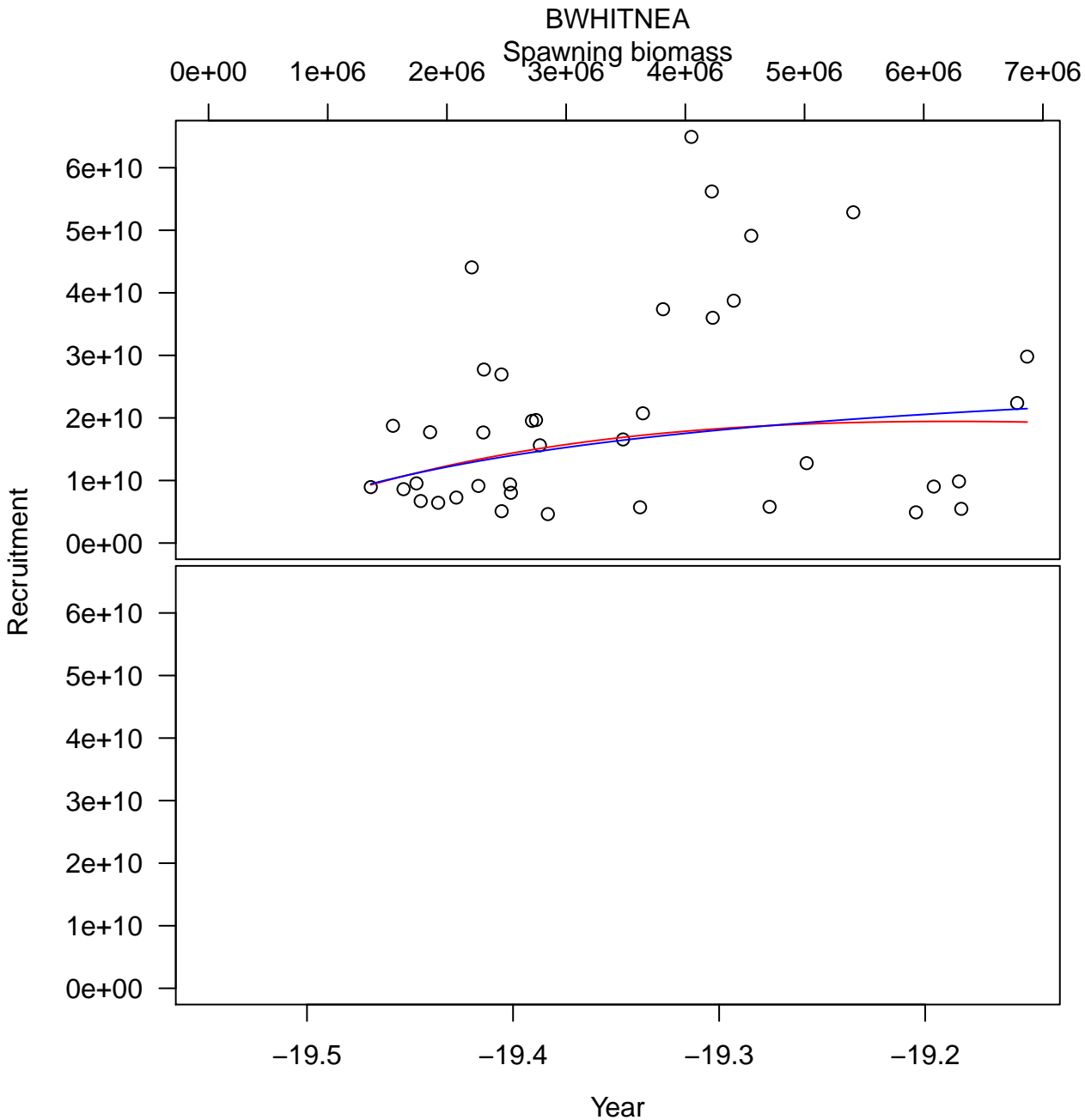
-50

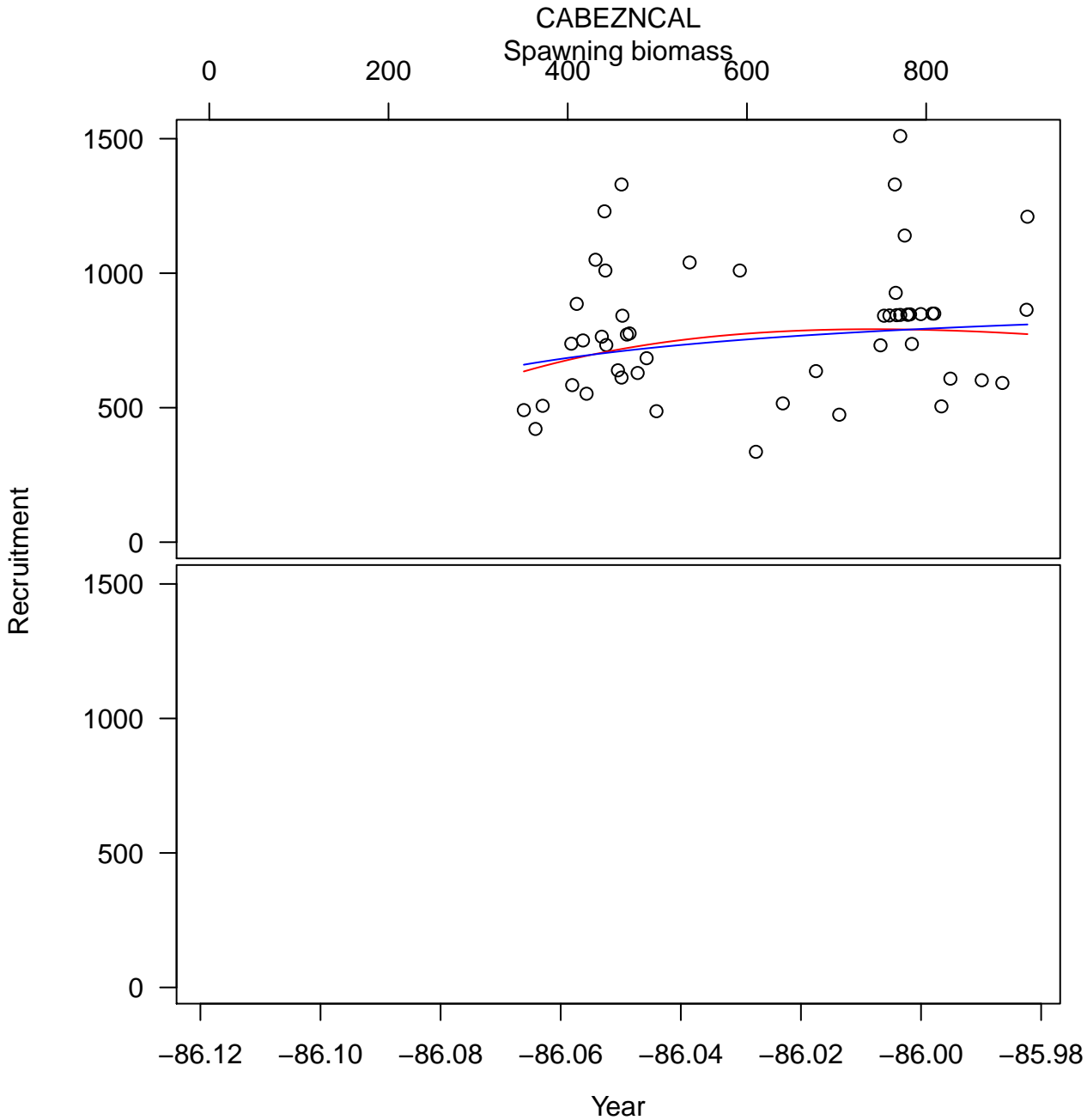
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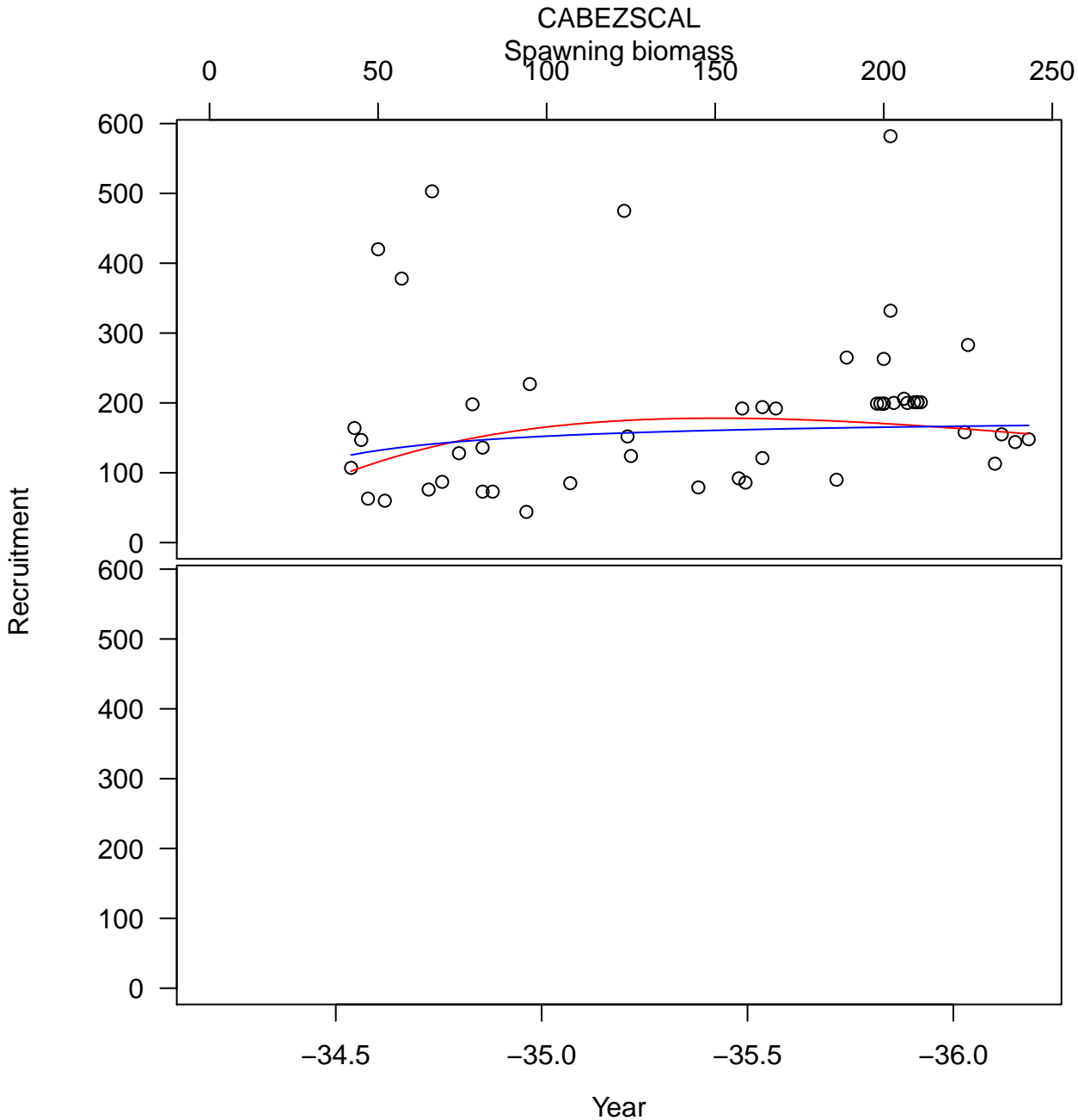
Year











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

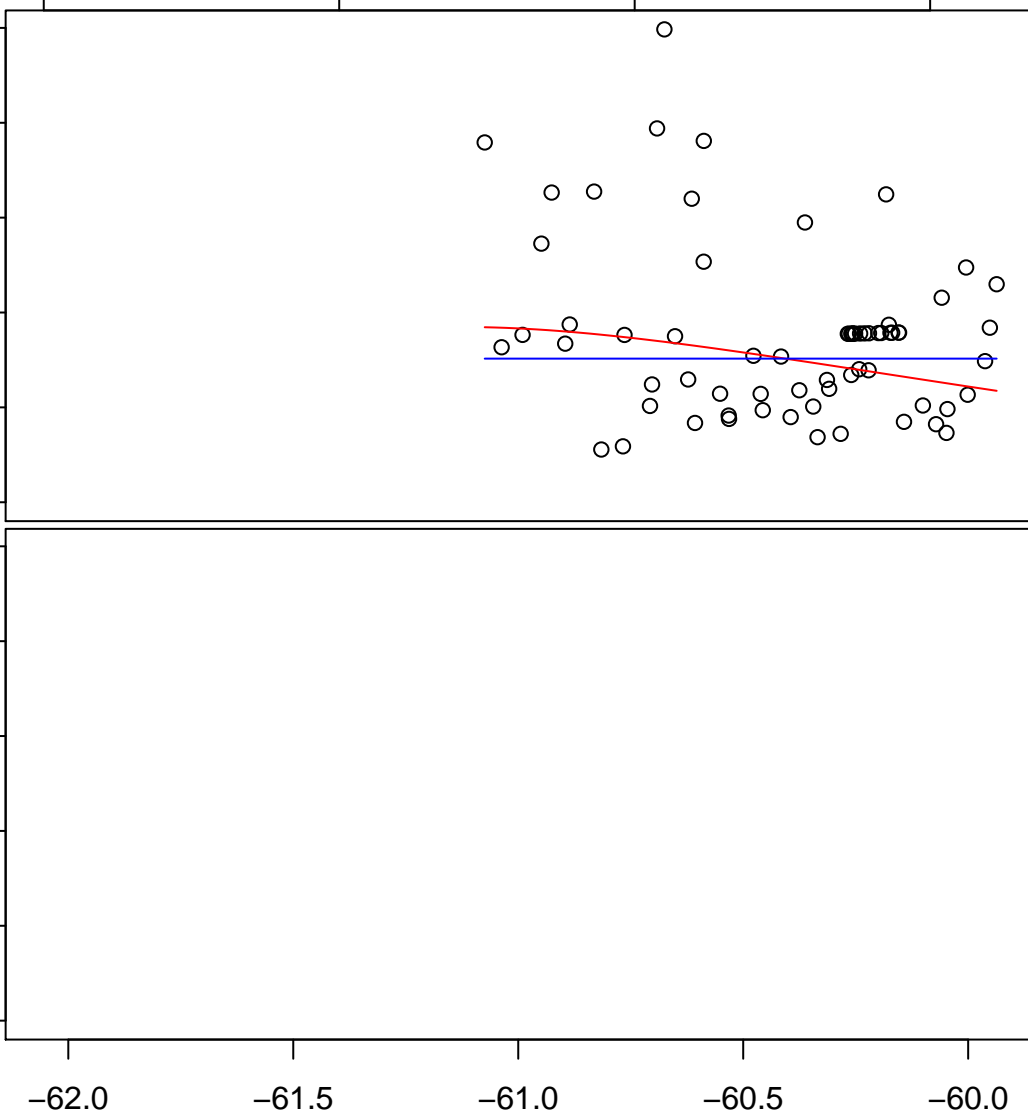
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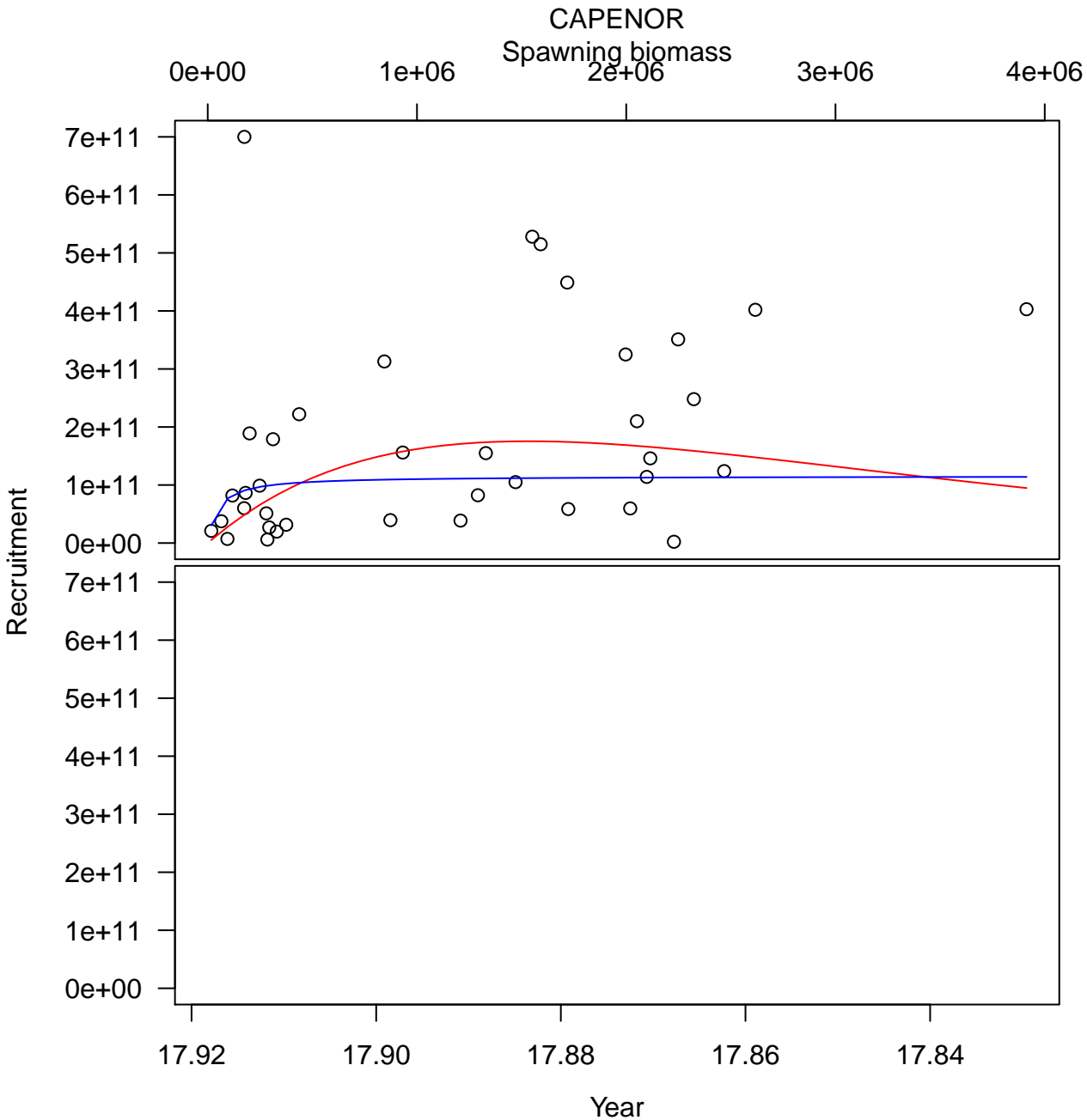
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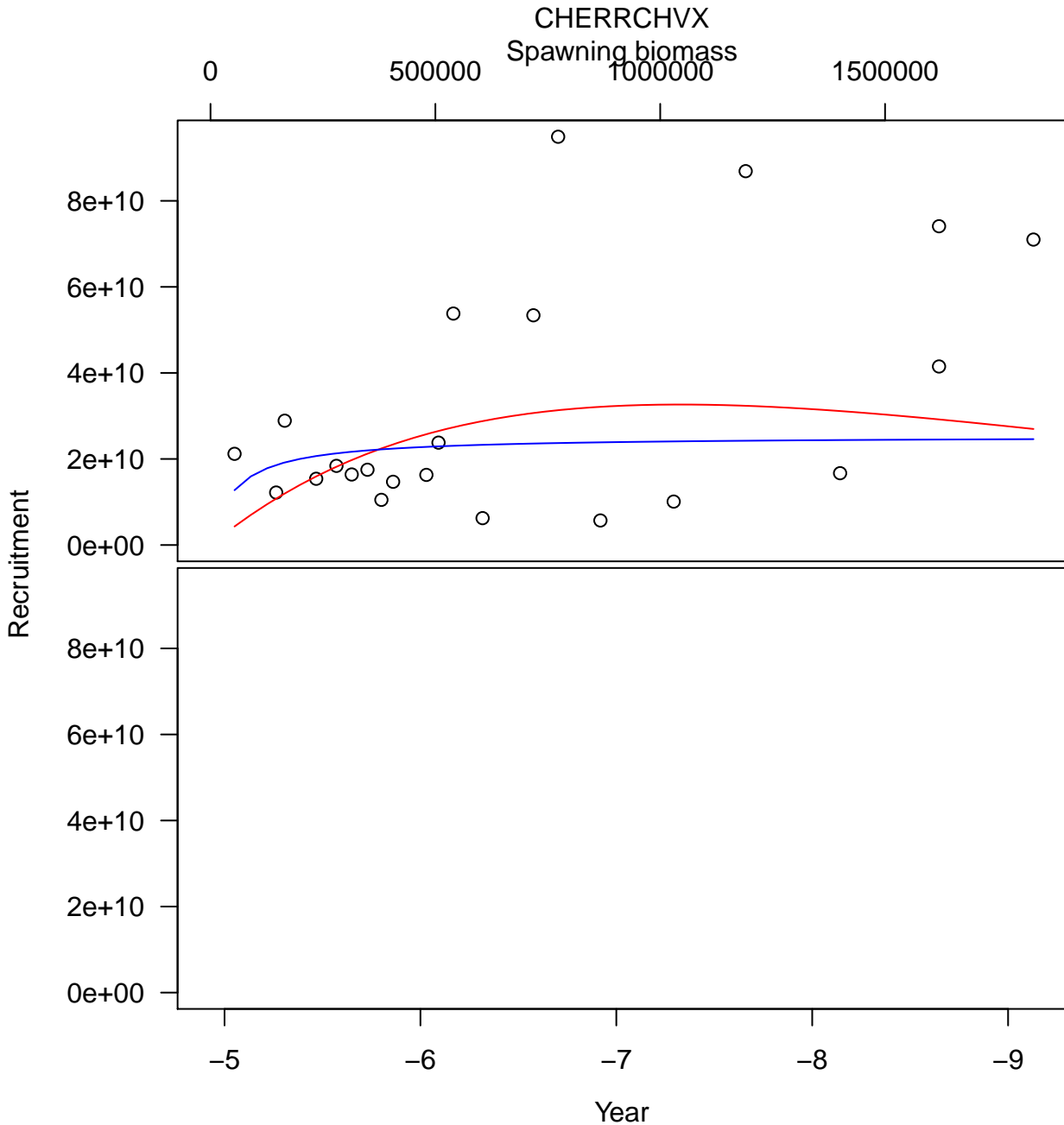
-60.5

-60.0

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

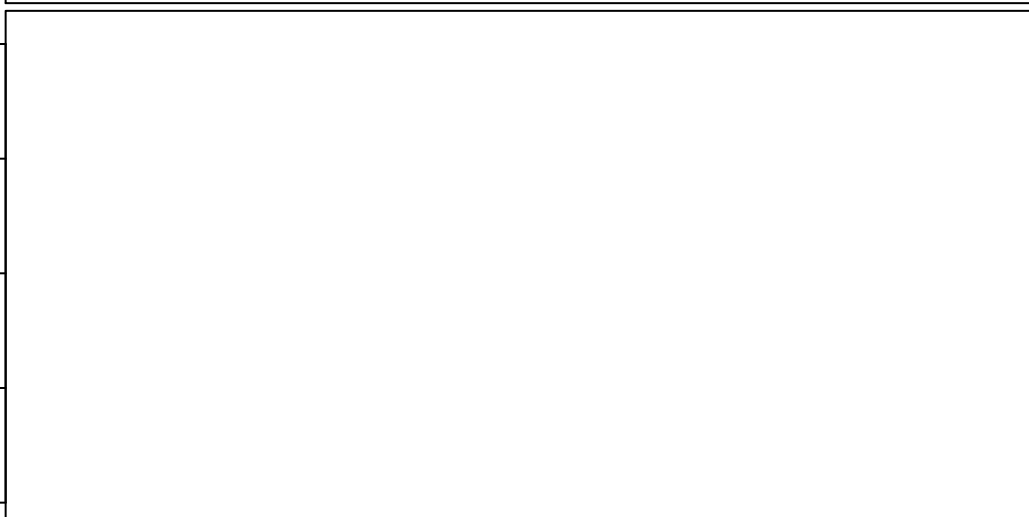
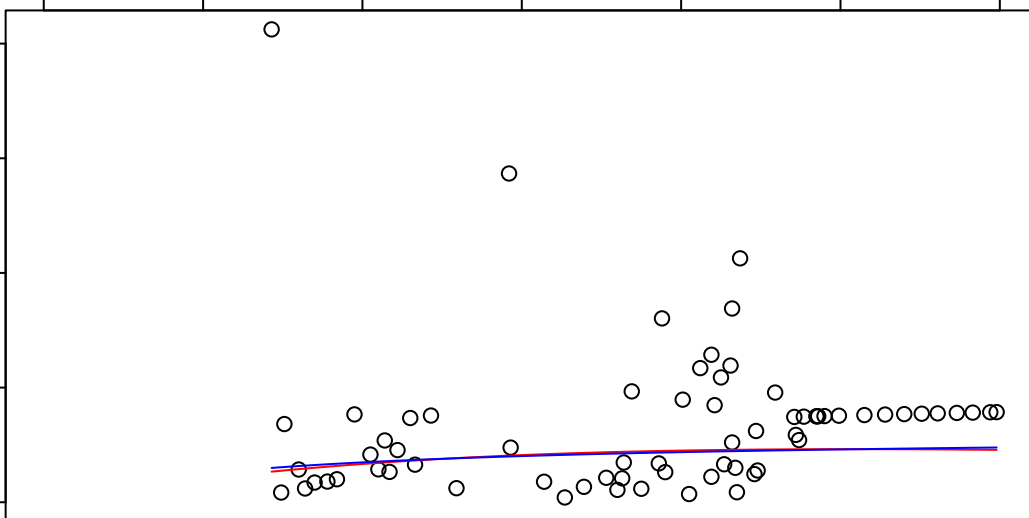
-2.1

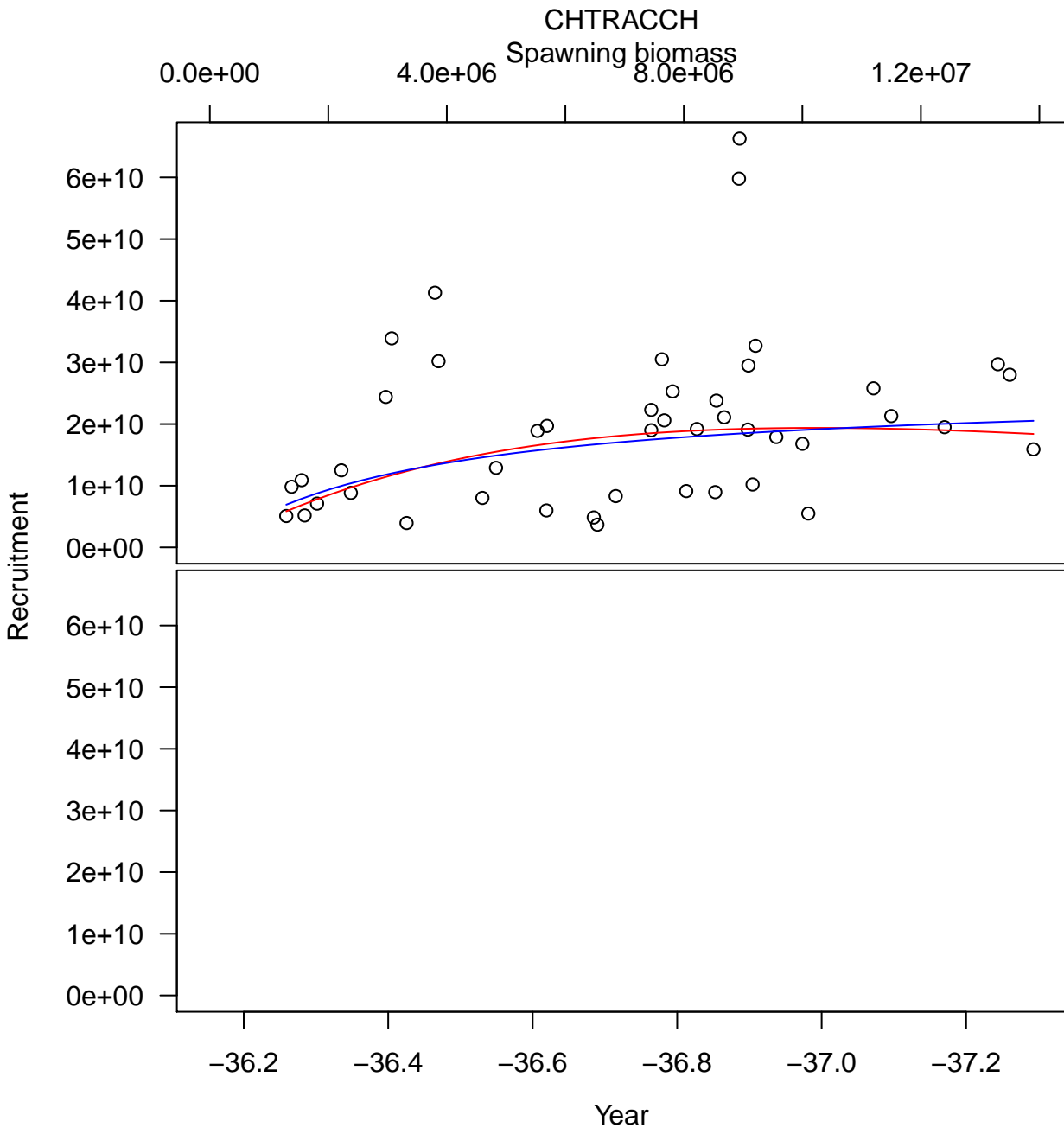
-2.2

-2.3

-2.4

Year



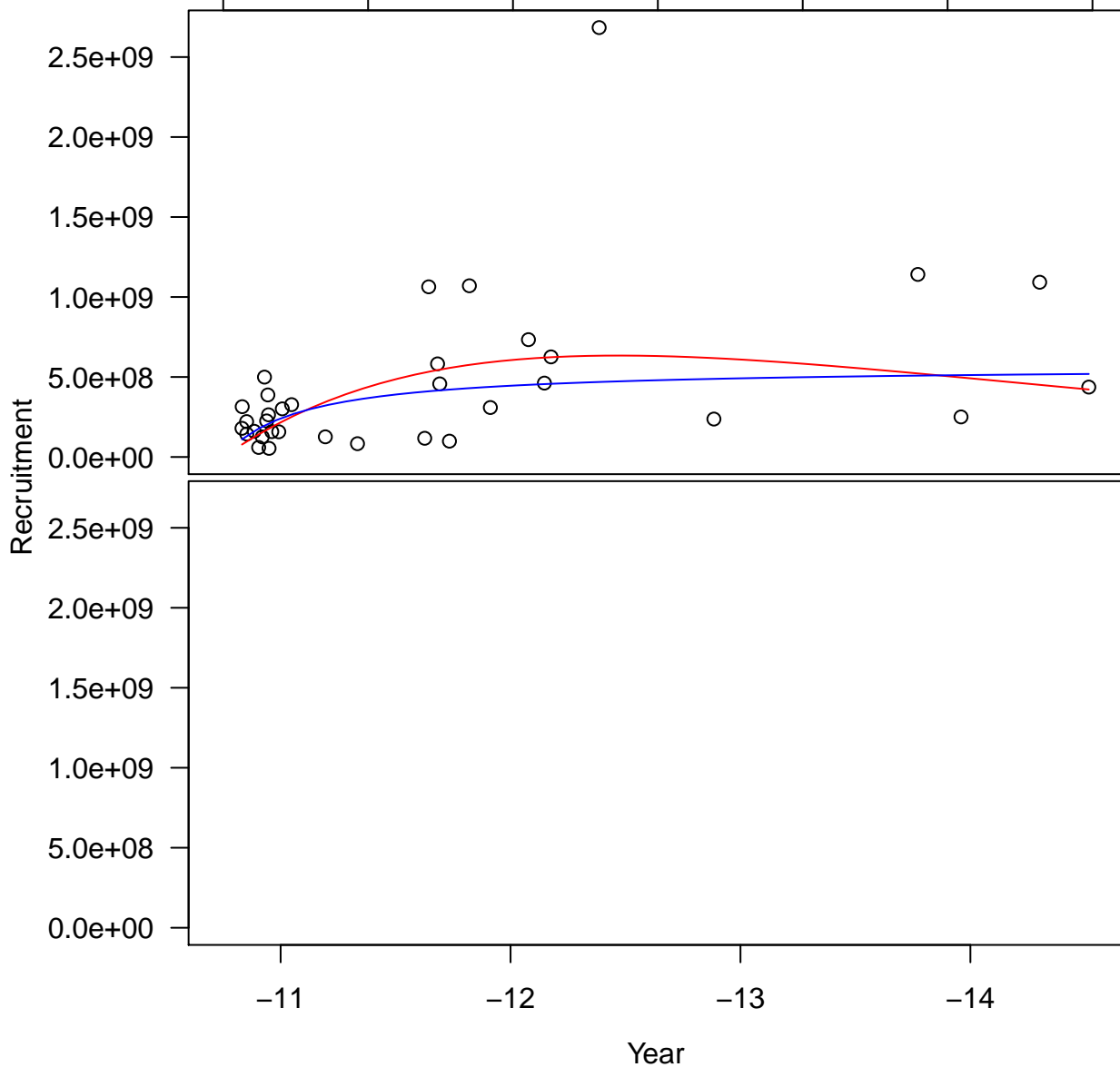


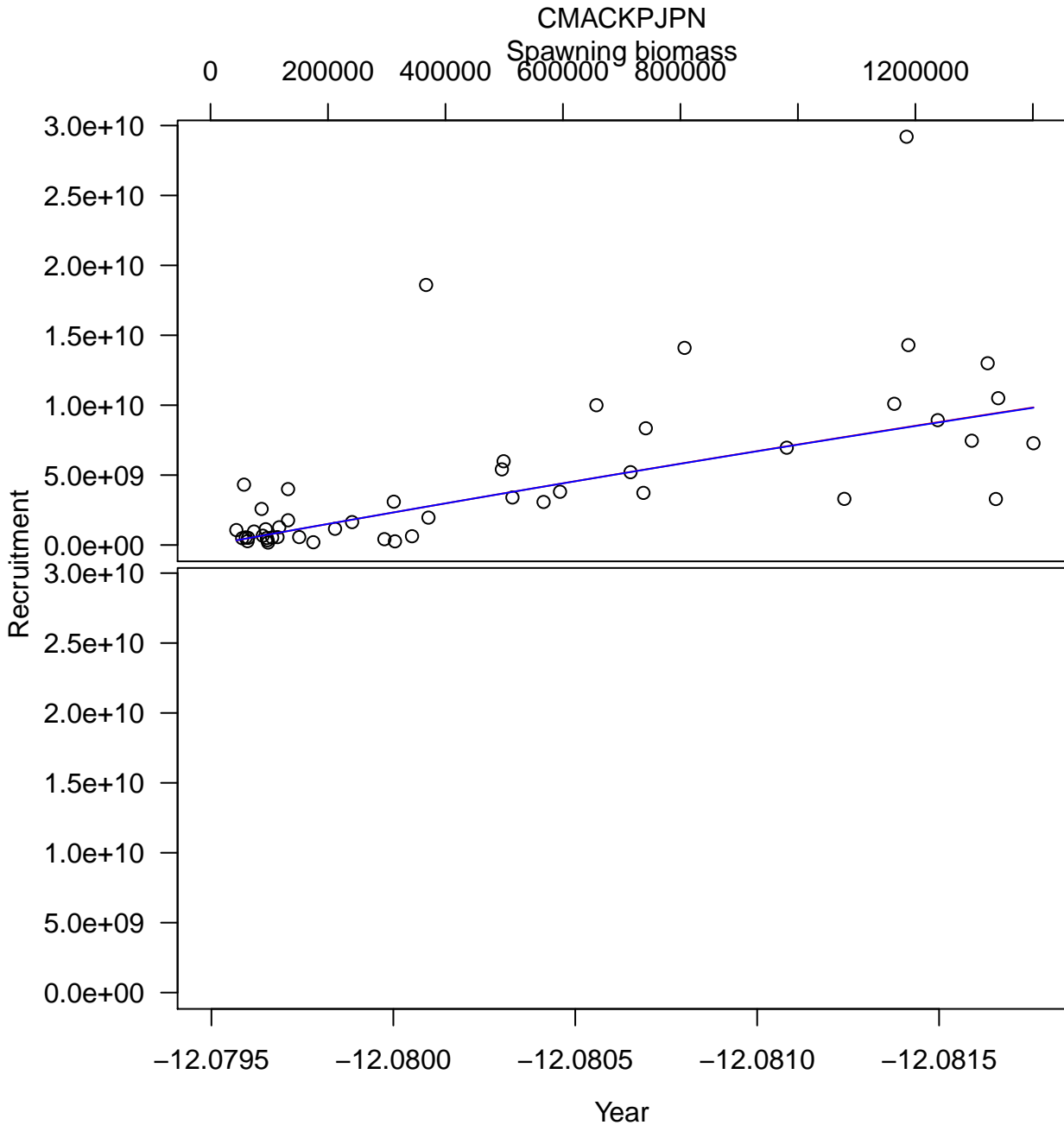


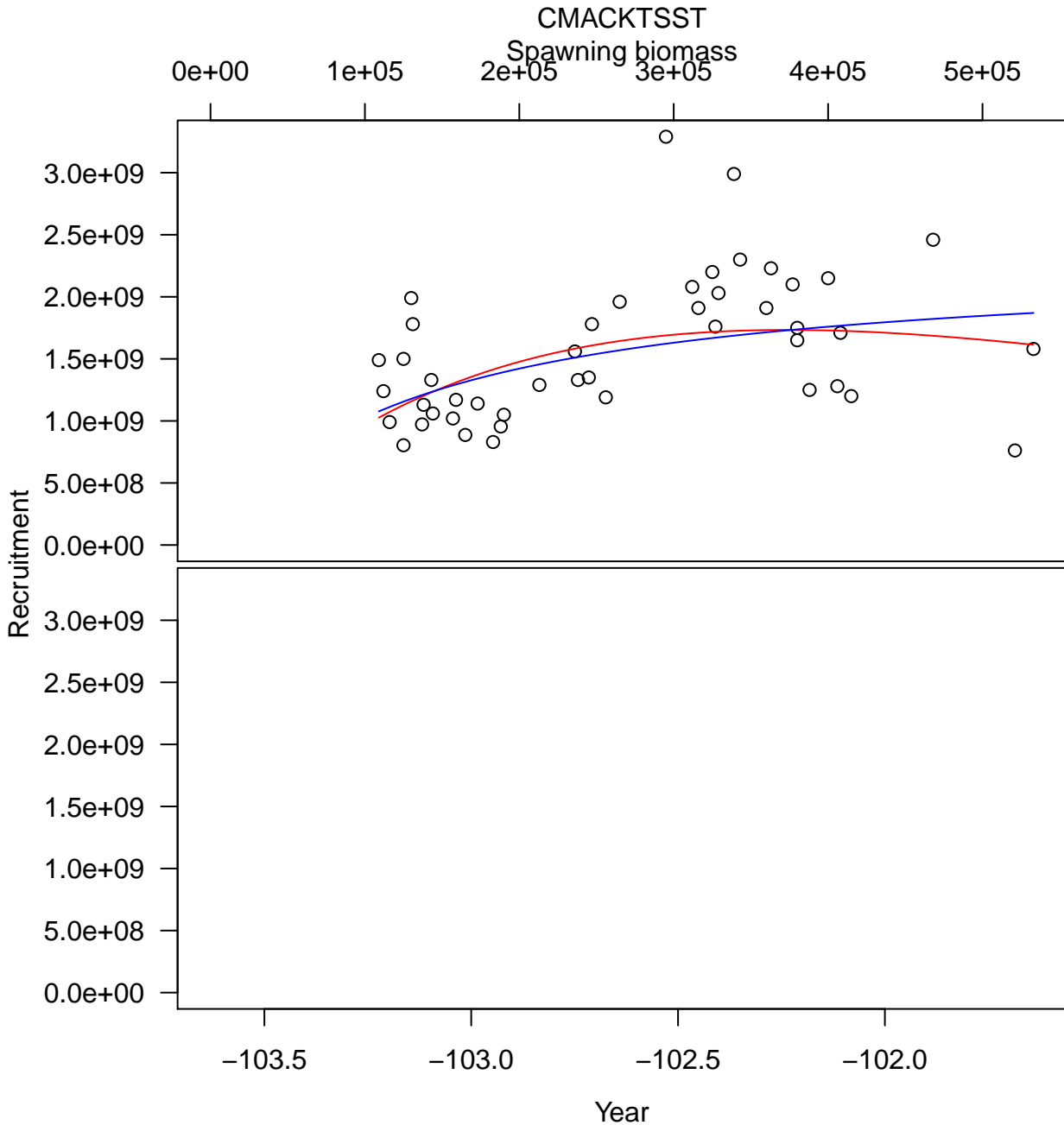
CMACKPCOAST

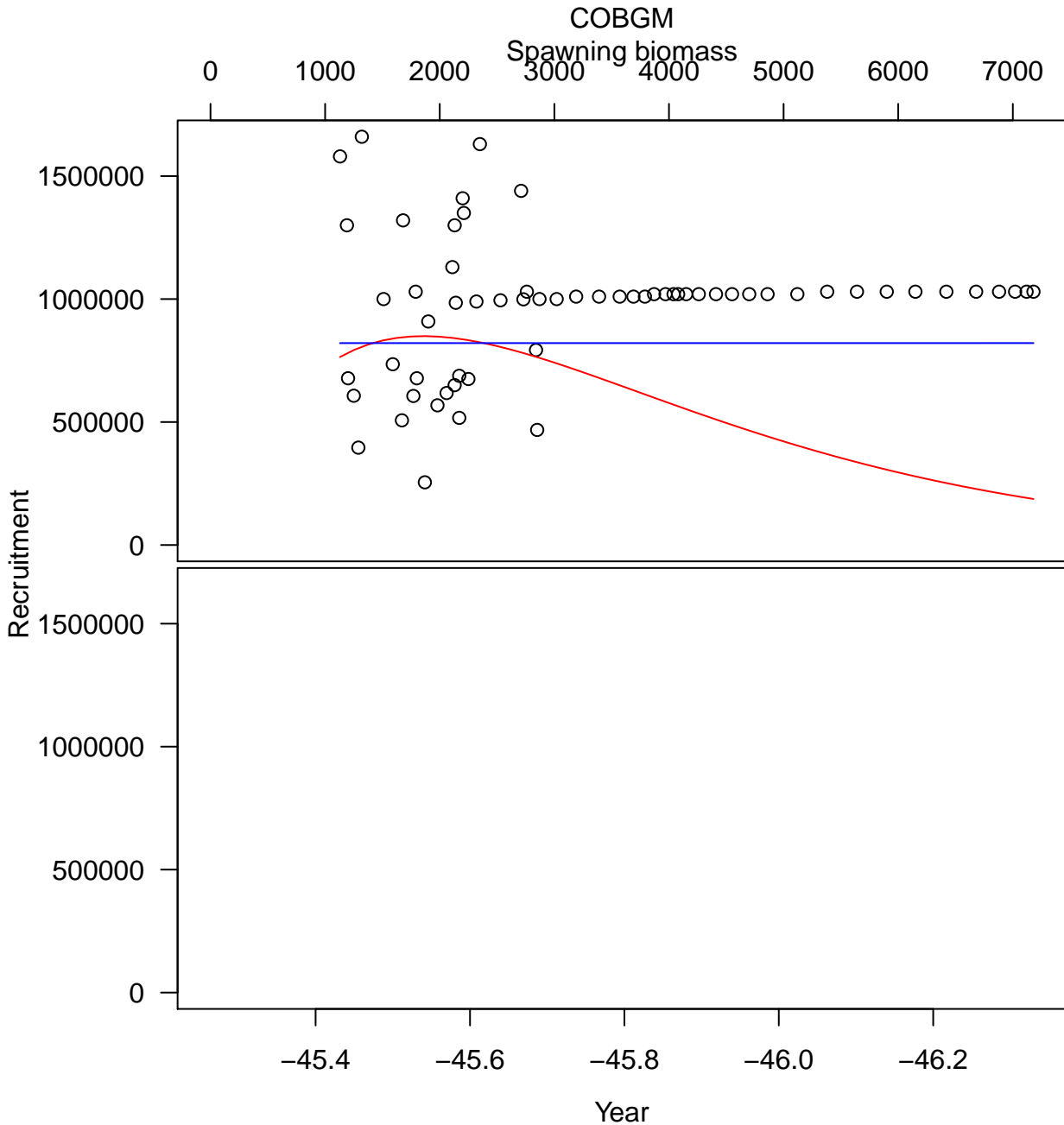
Spawning biomass

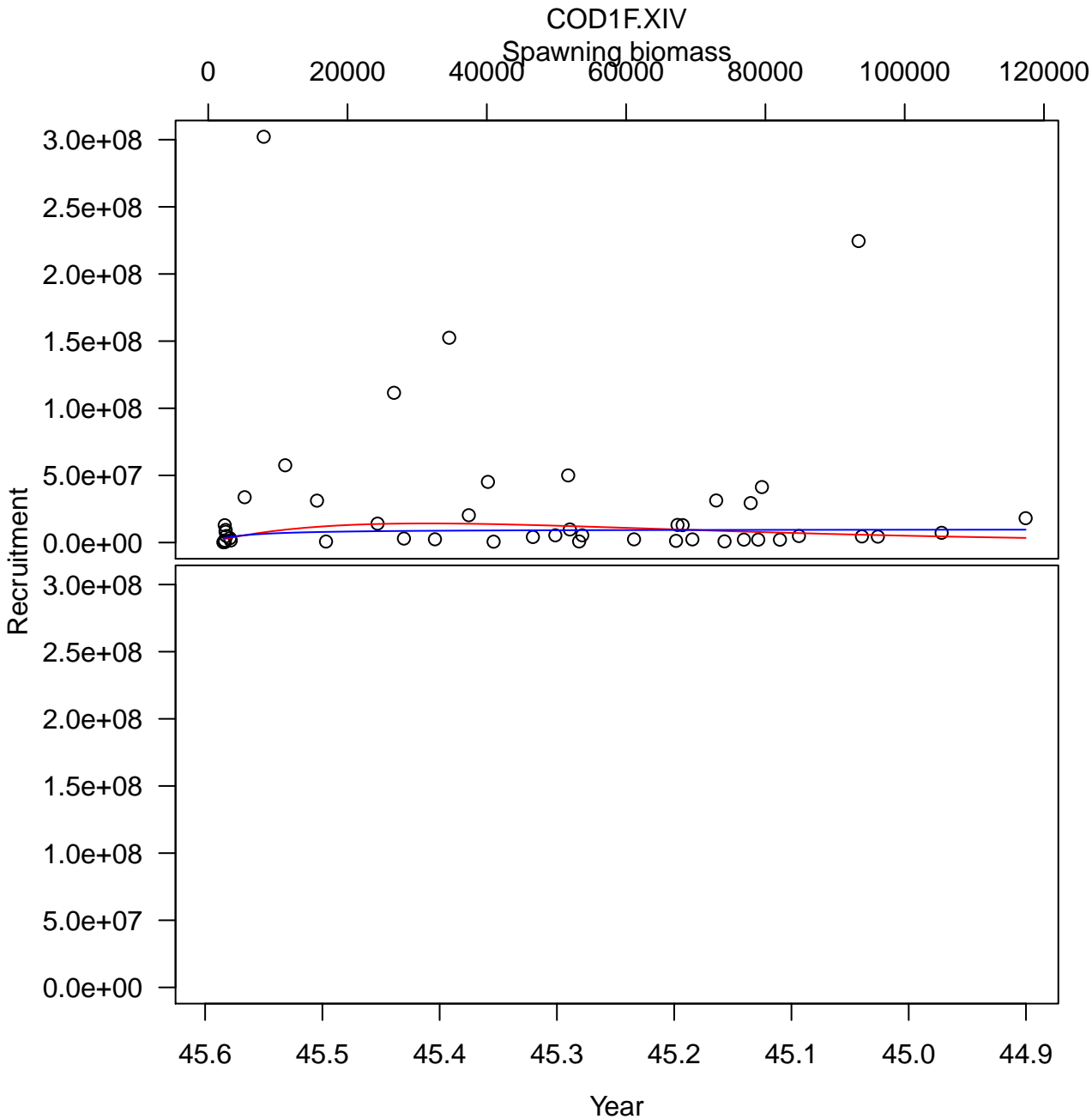
0e+00 1e+05 2e+05 3e+05 4e+05 5e+05 6e+05

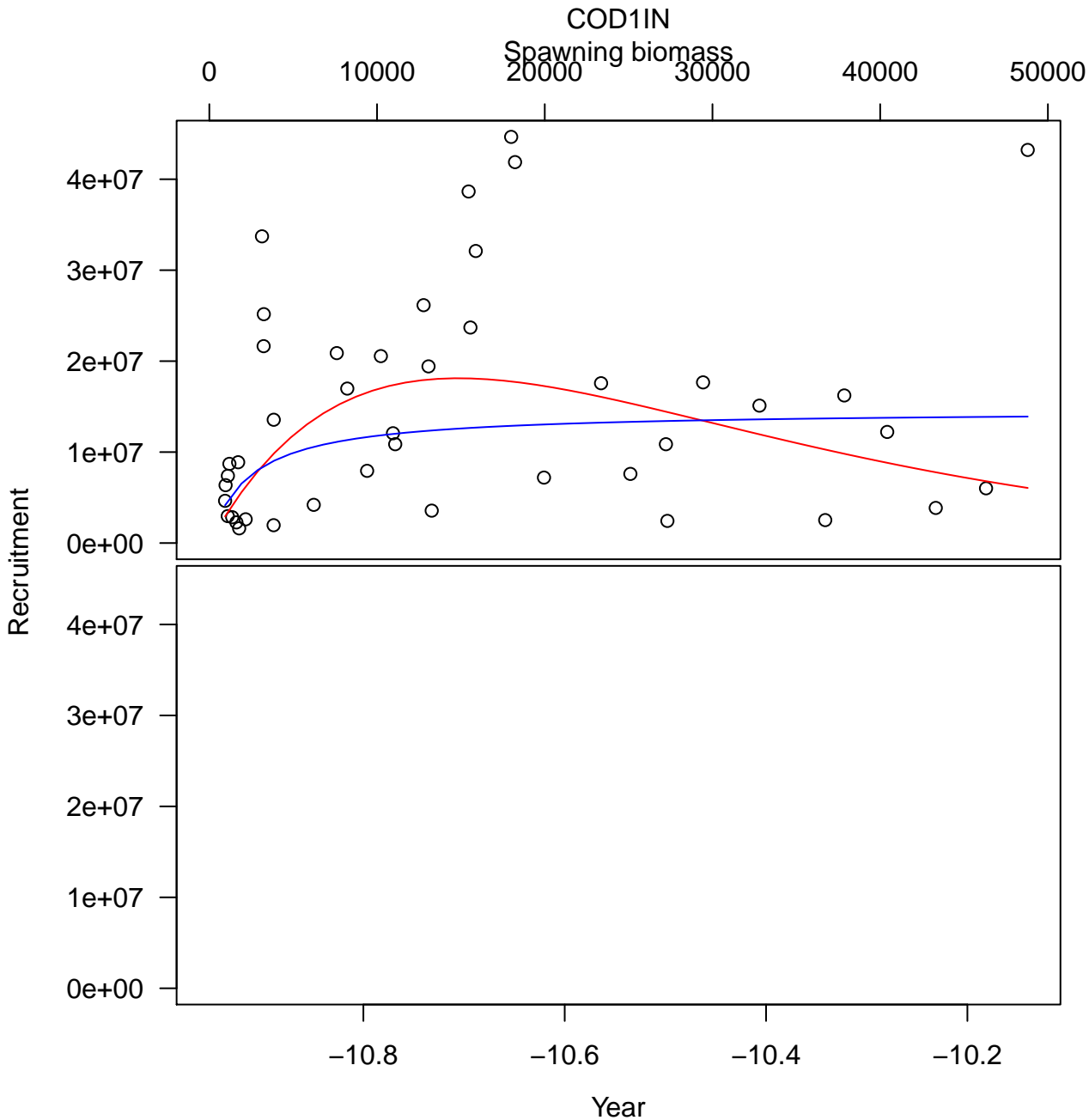


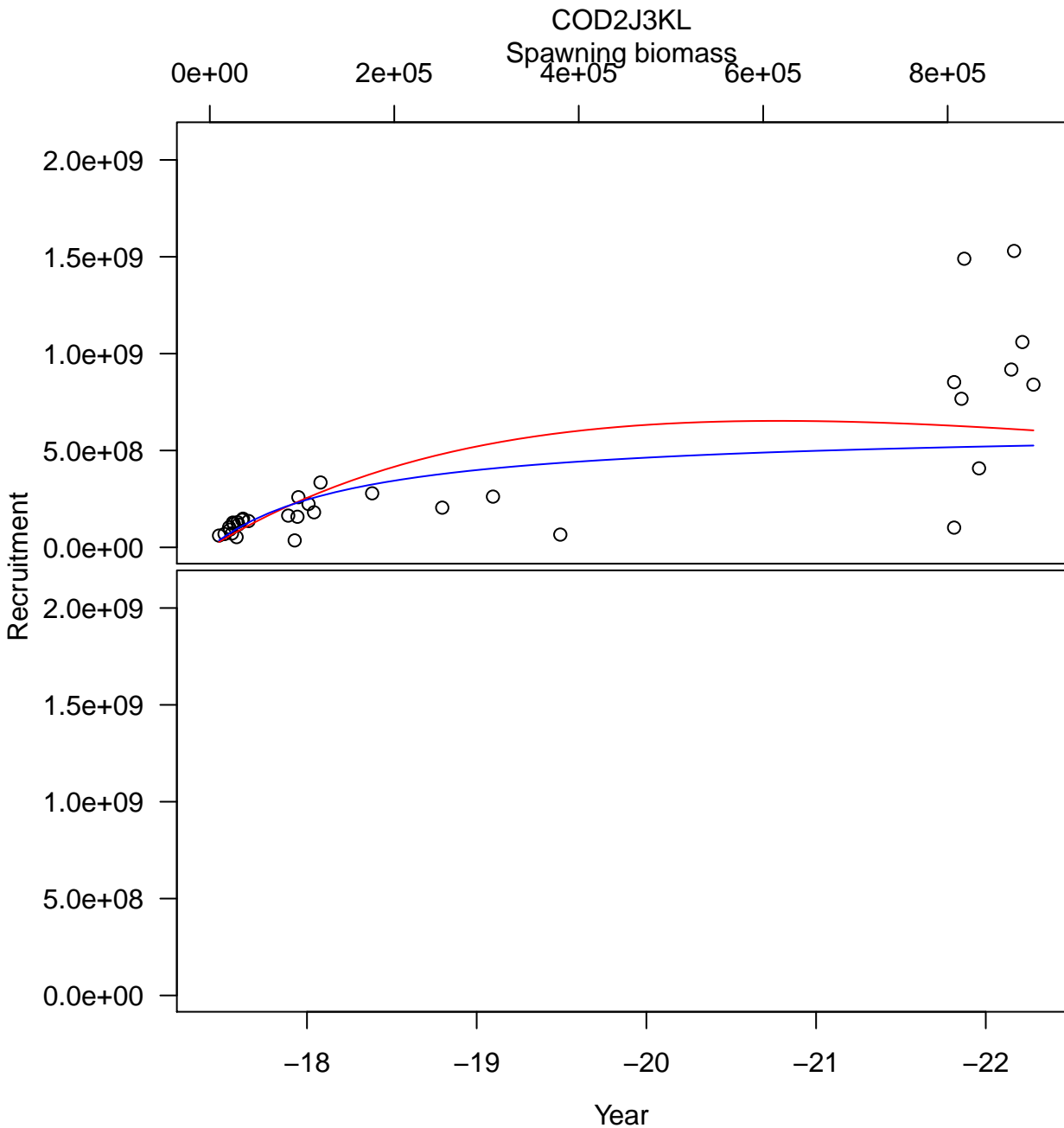


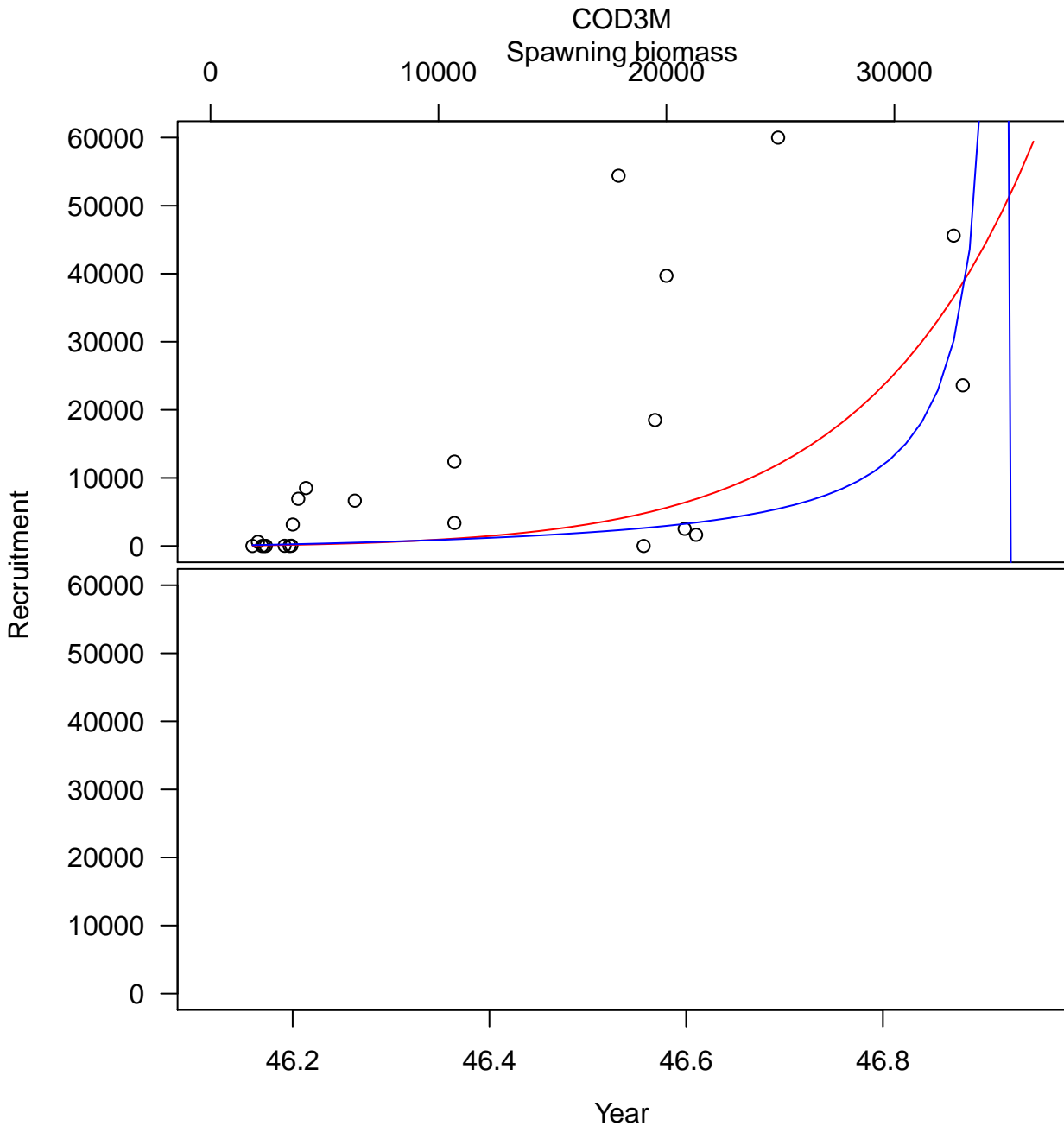




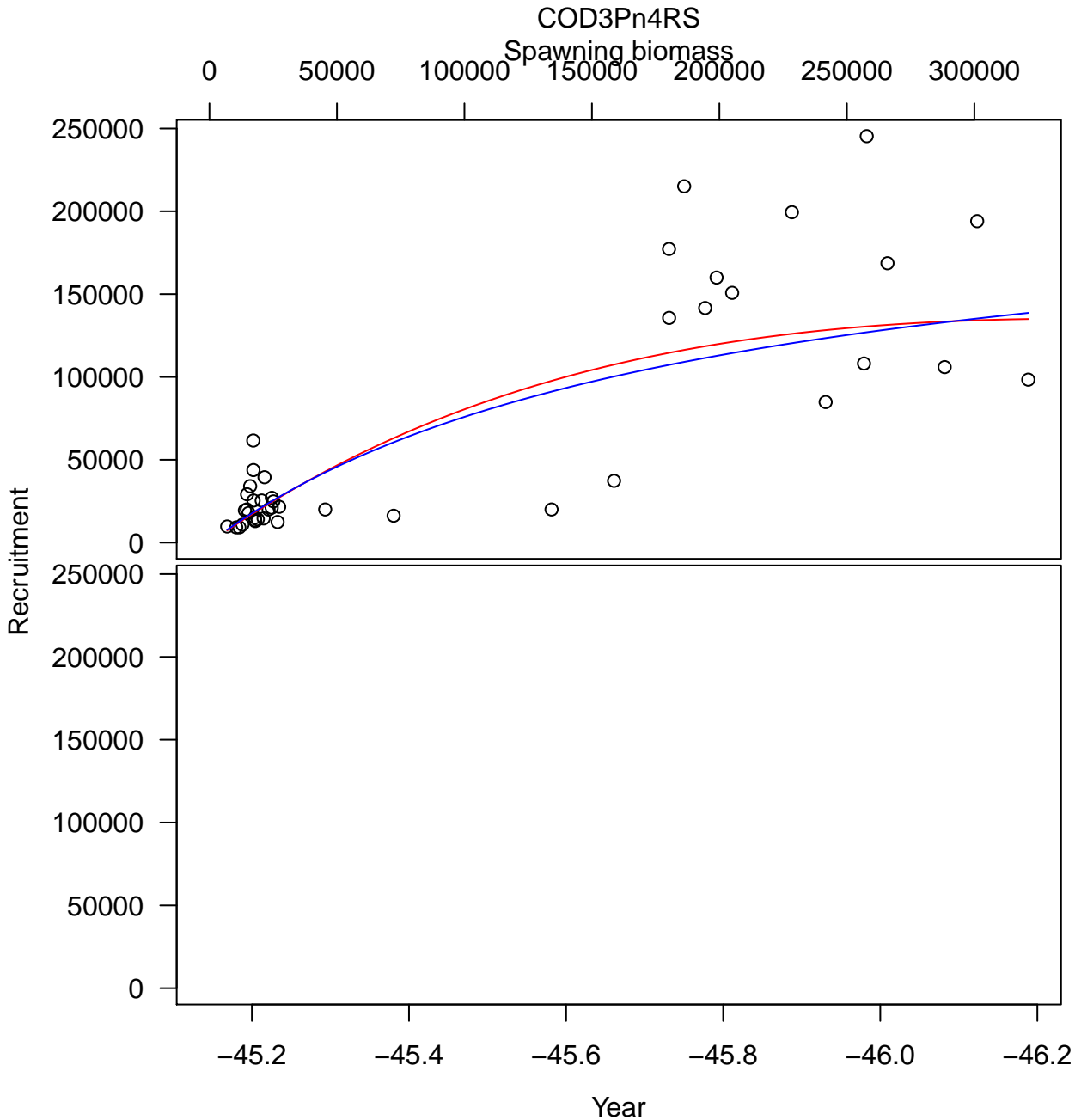


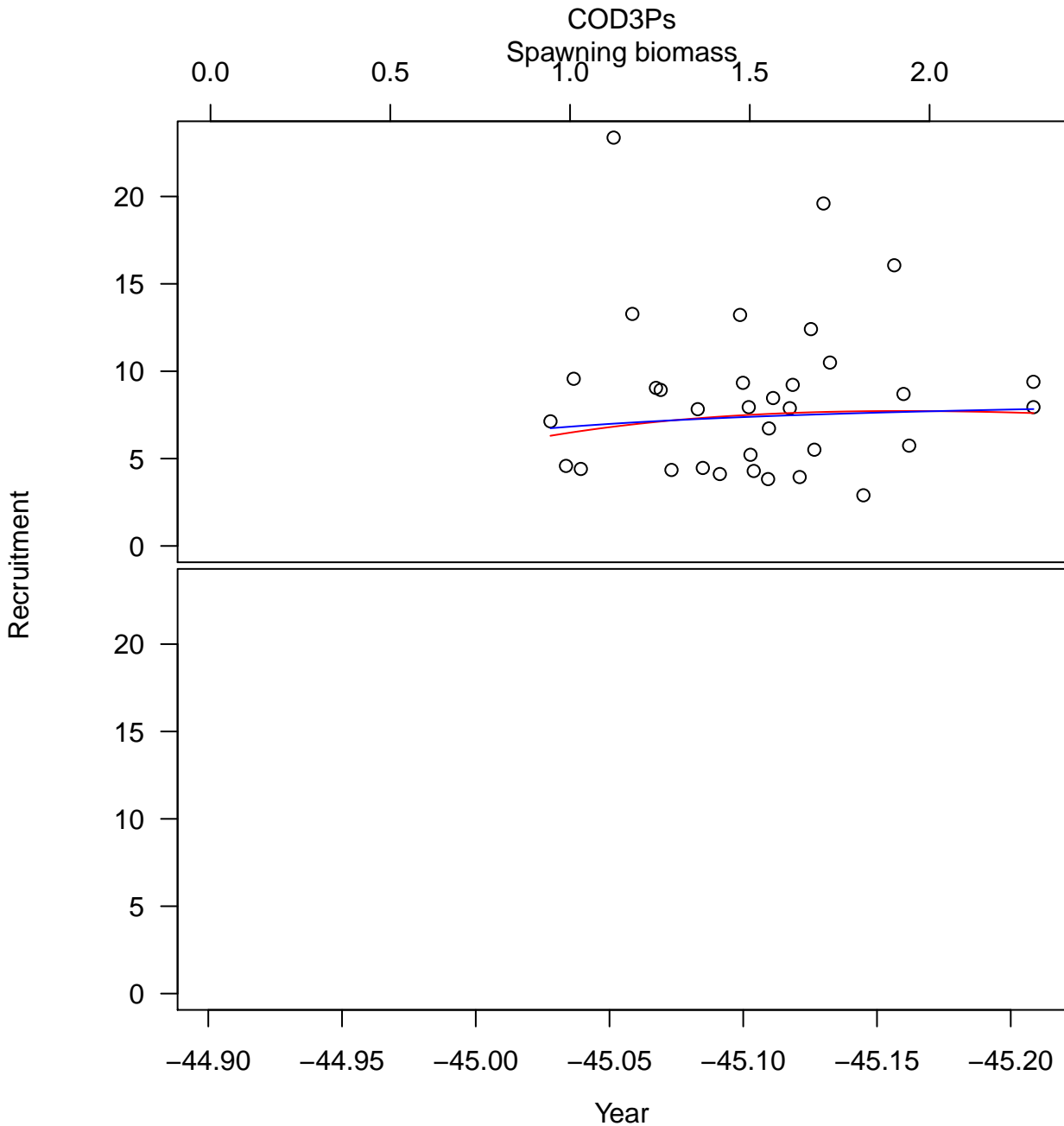


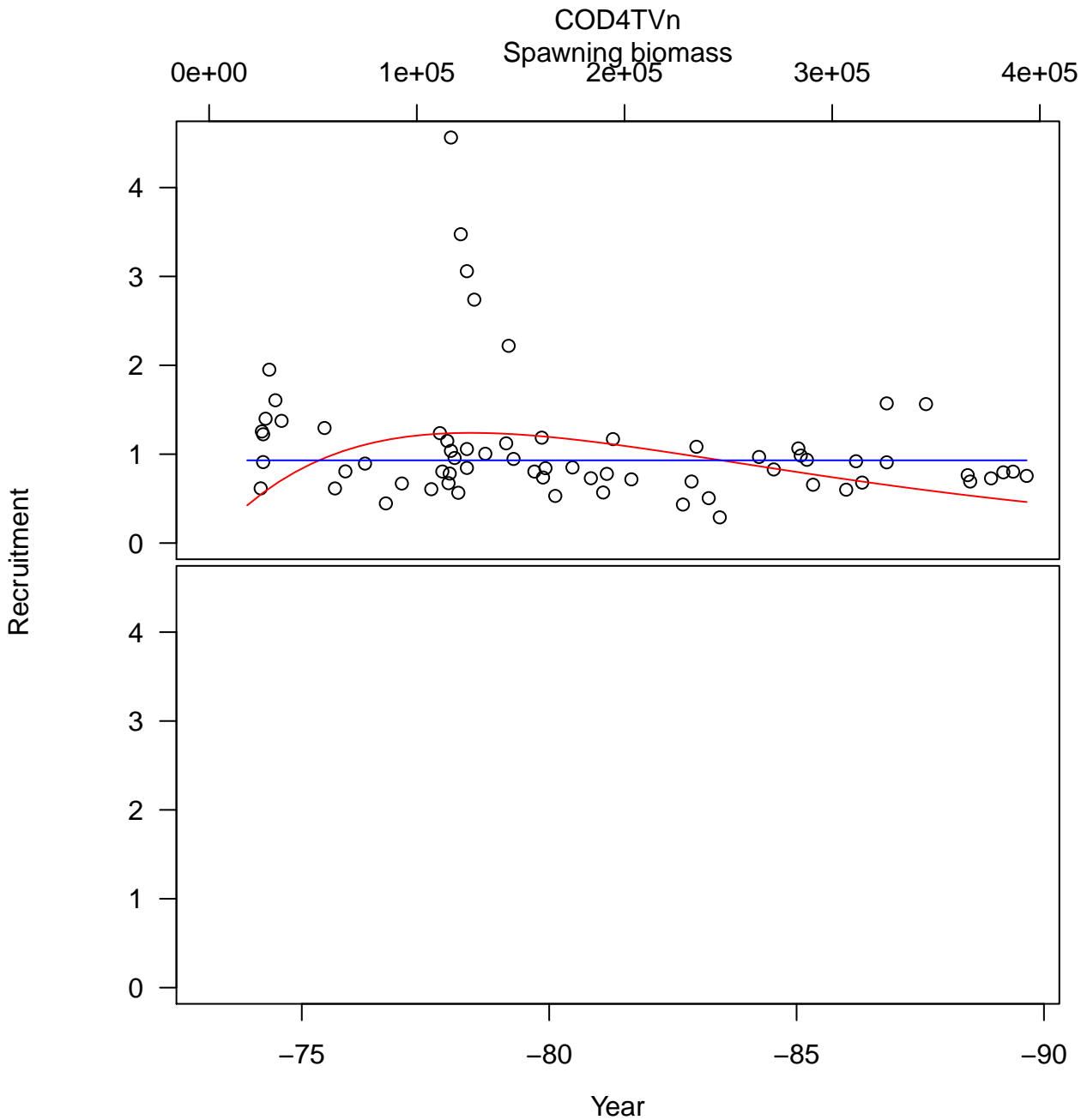


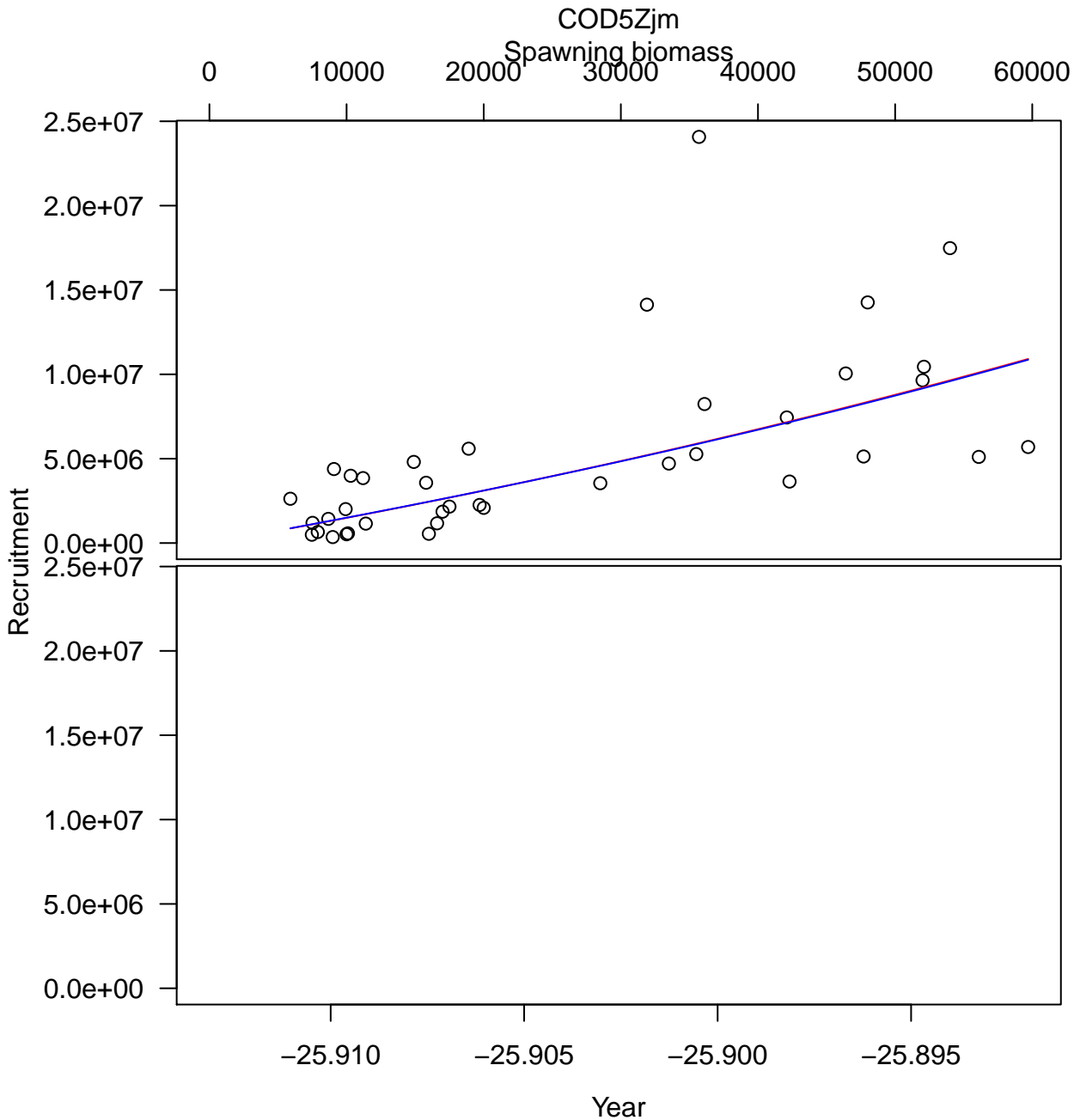


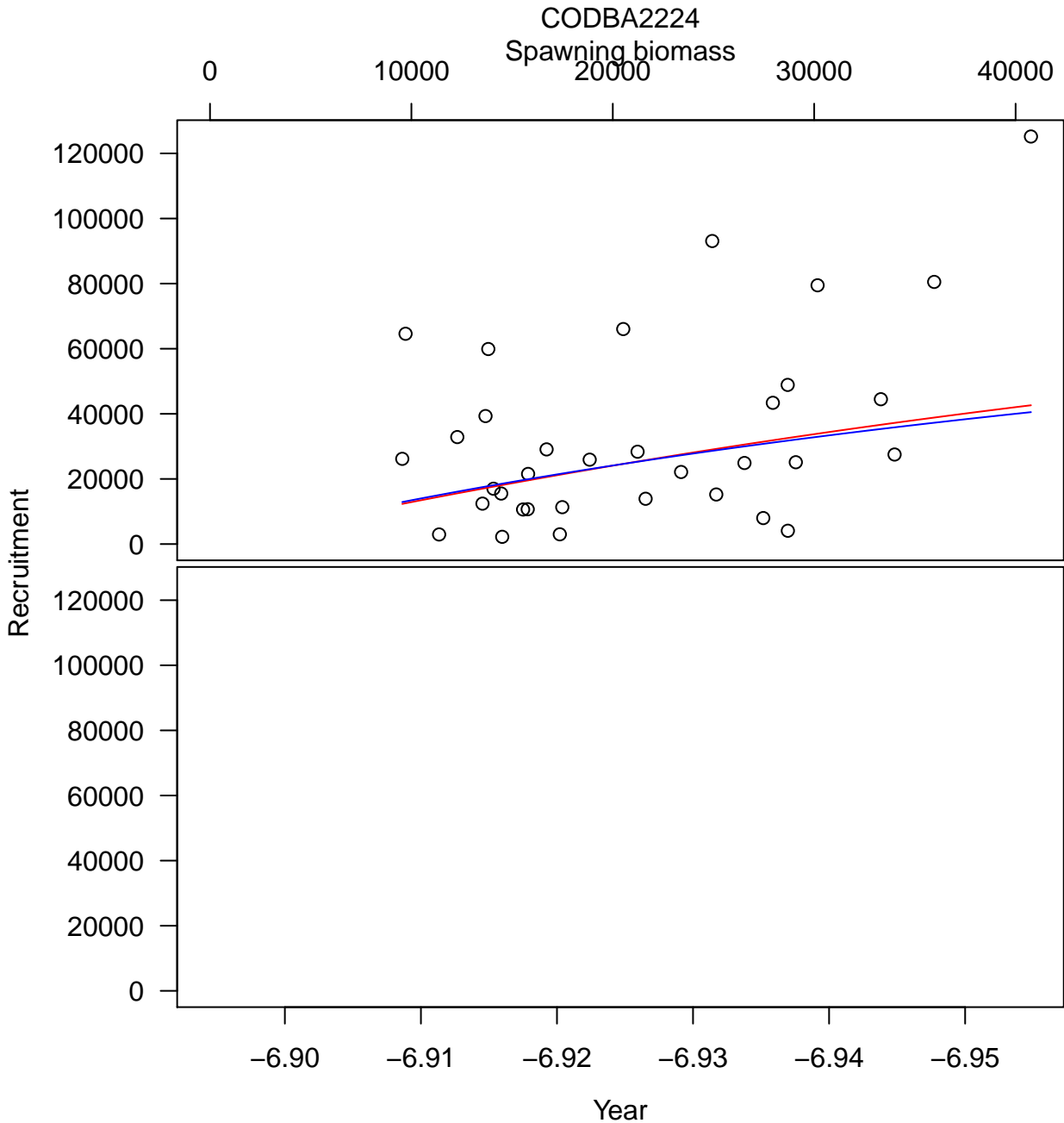


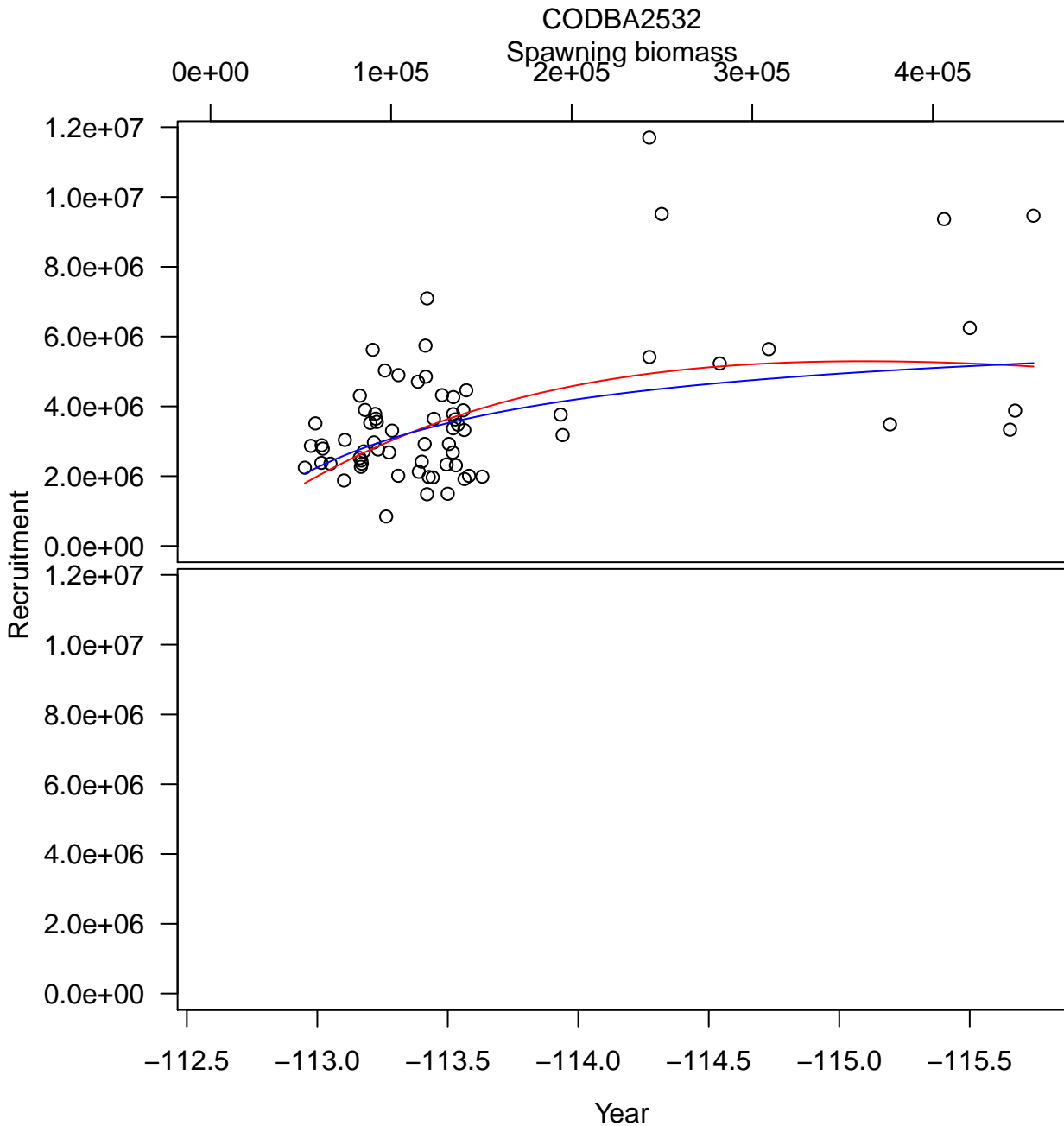


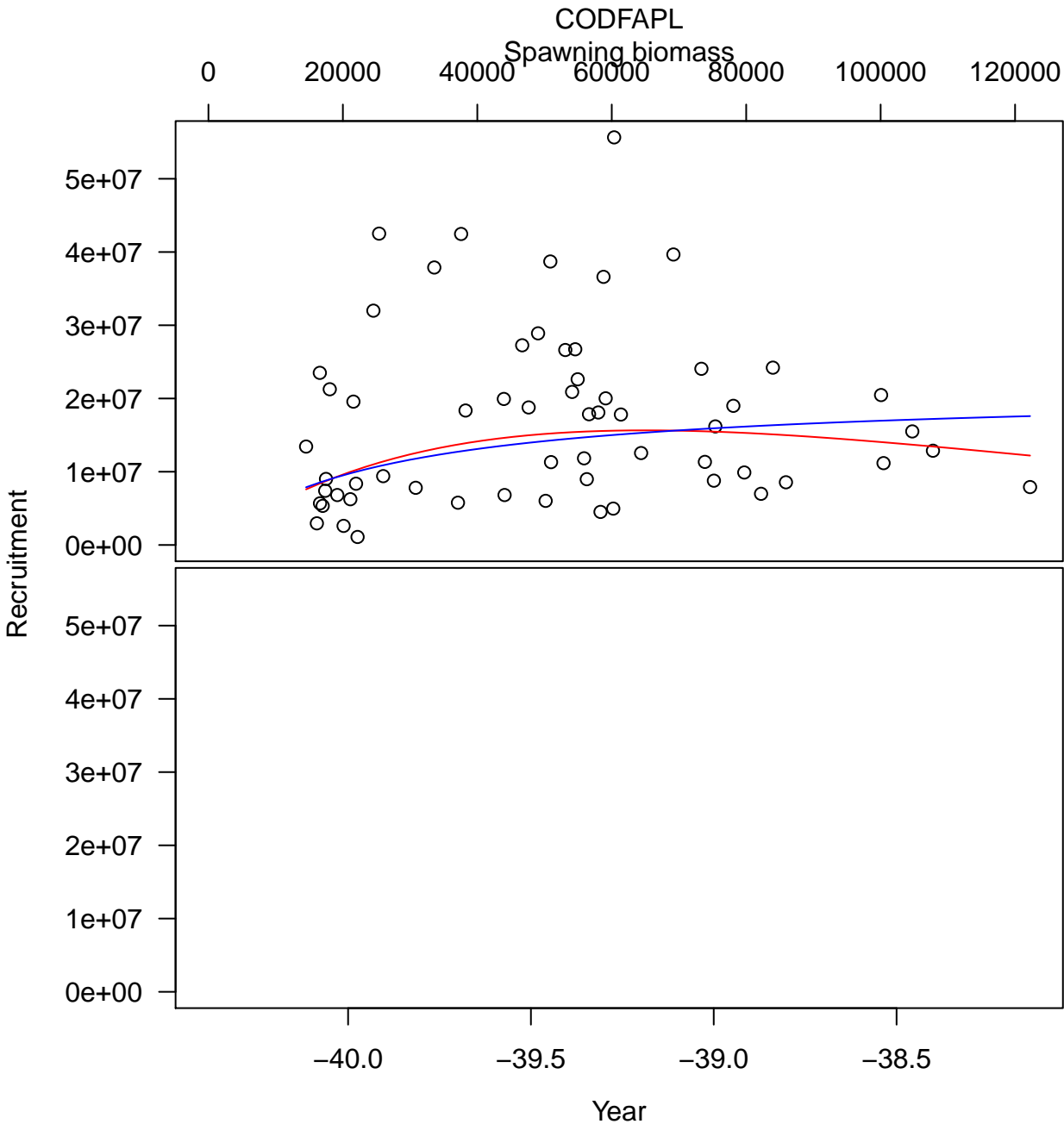


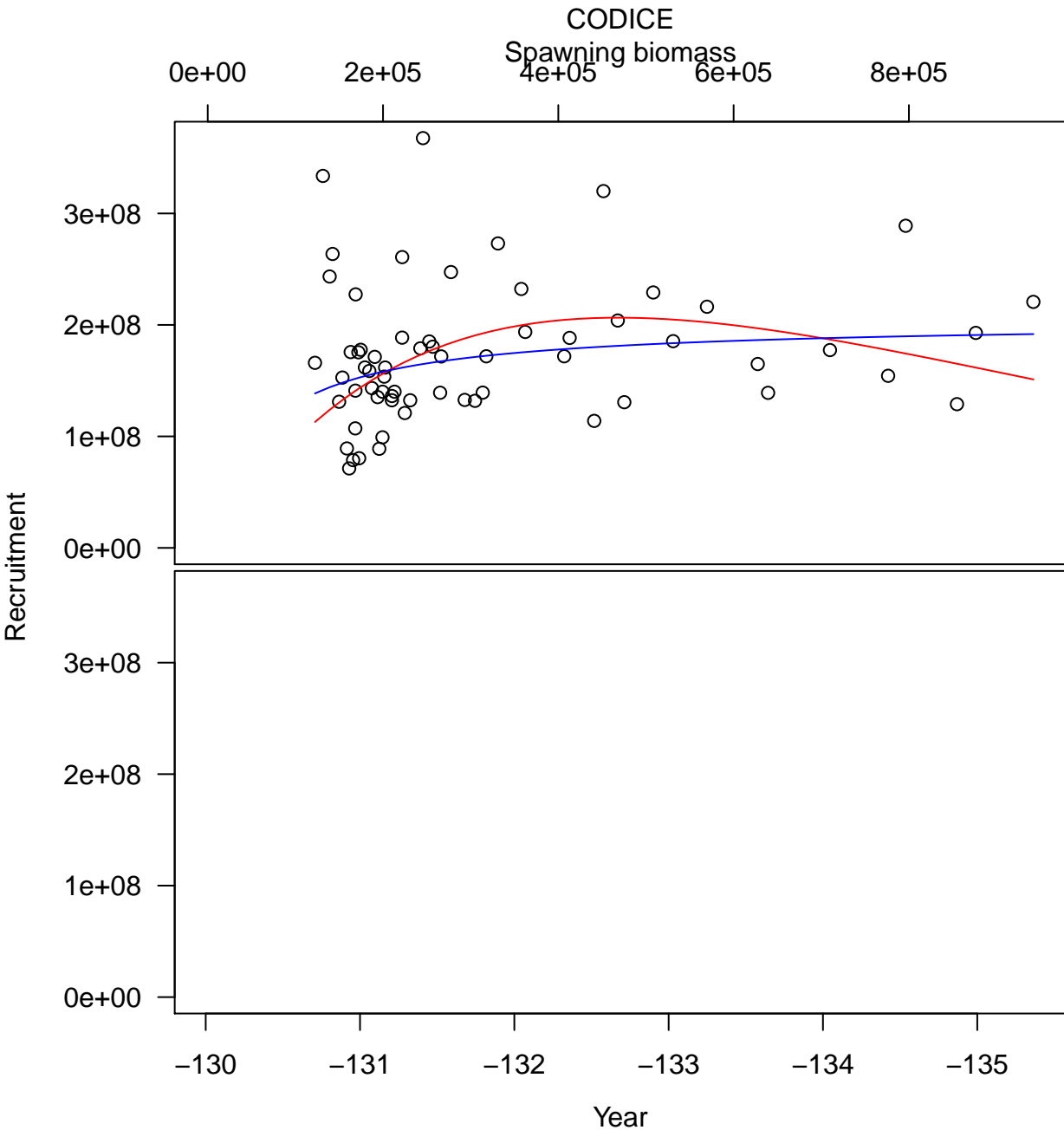








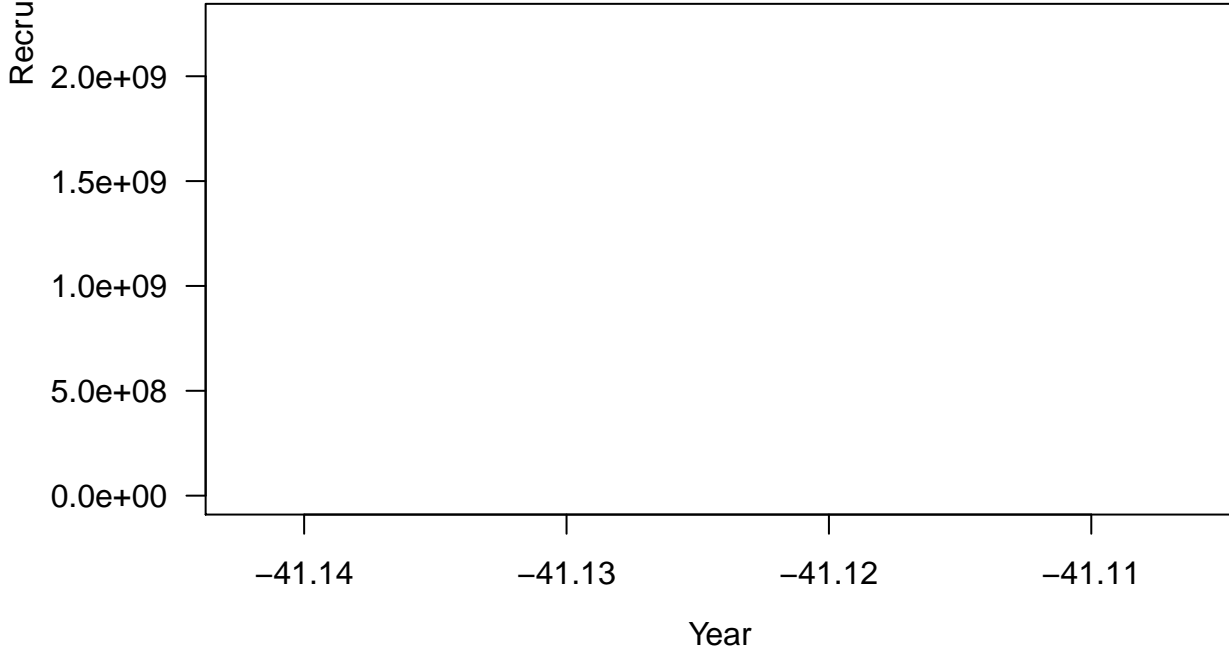
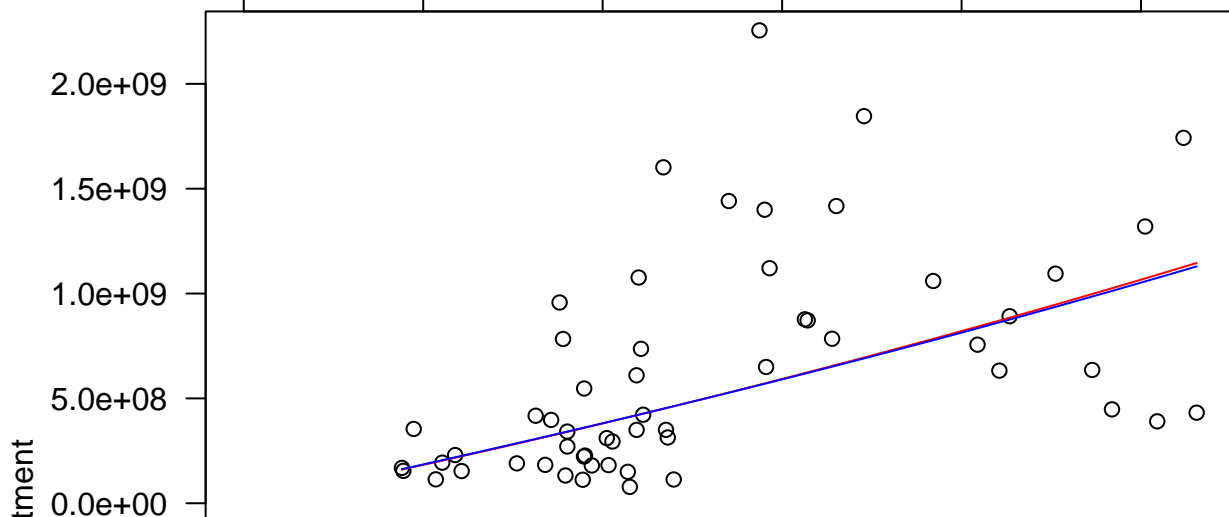


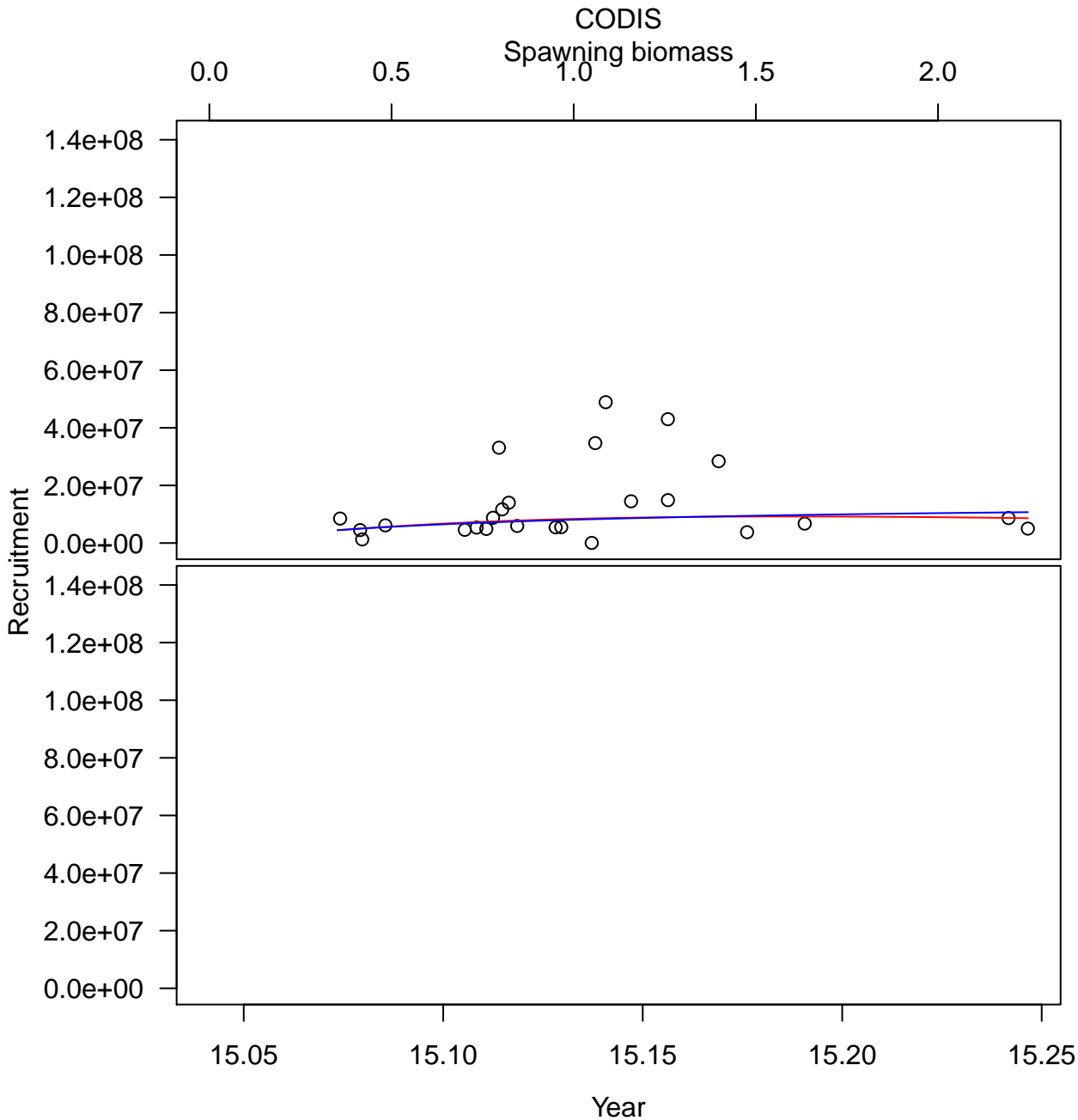


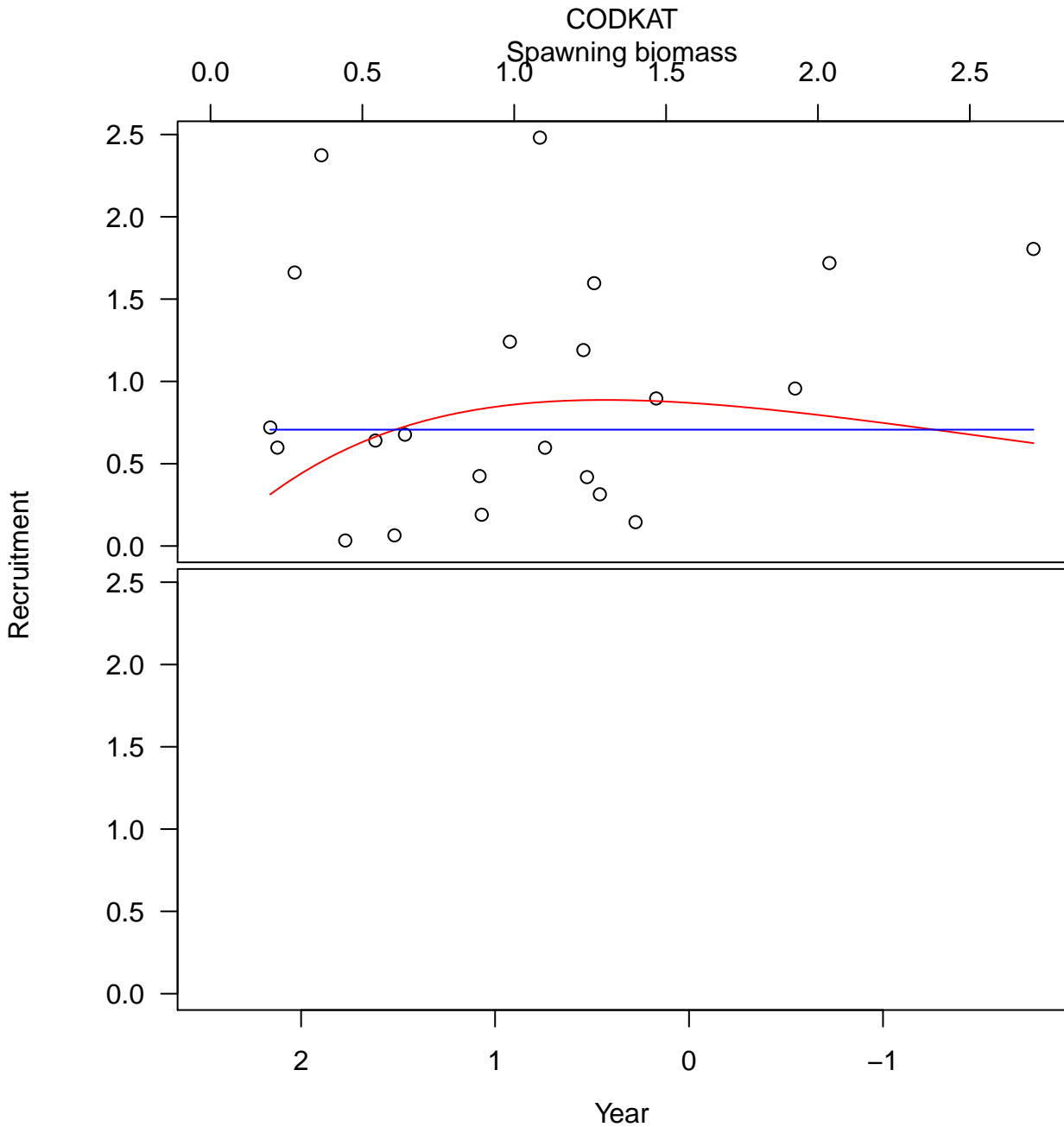


CODIIIaW.IV.VIId  
Spawning biomass

0 50000 100000 150000 200000 250000



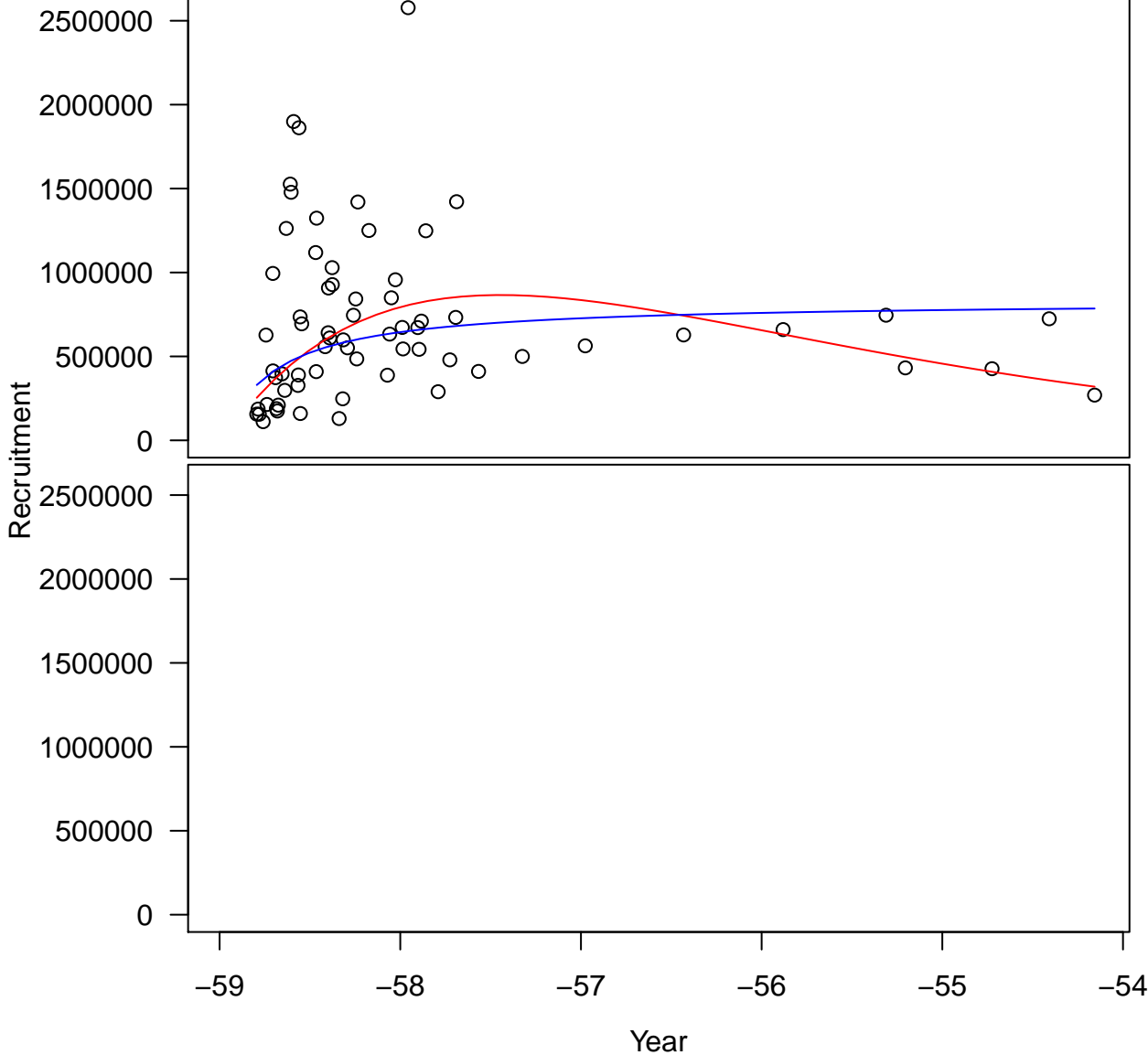


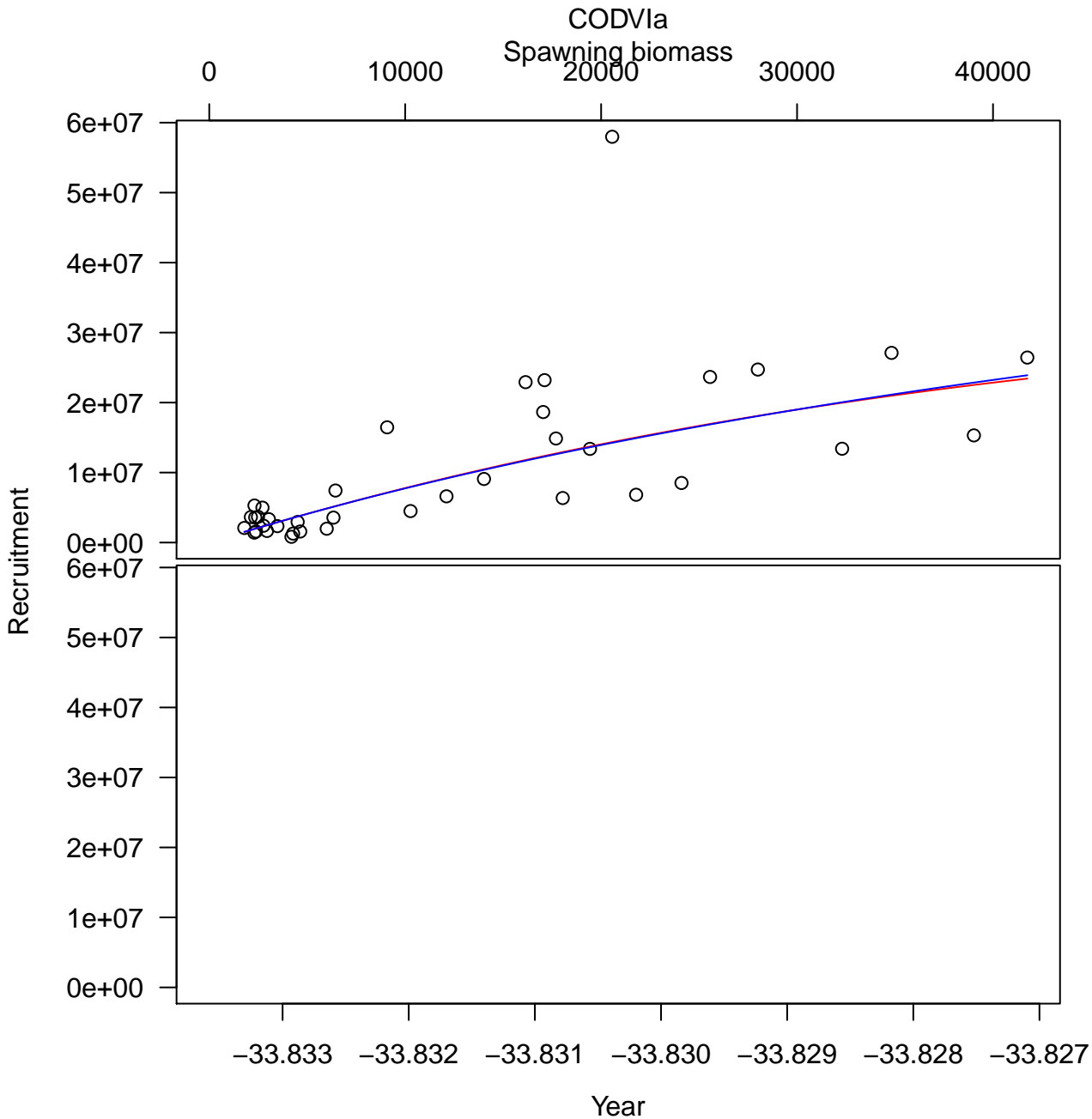


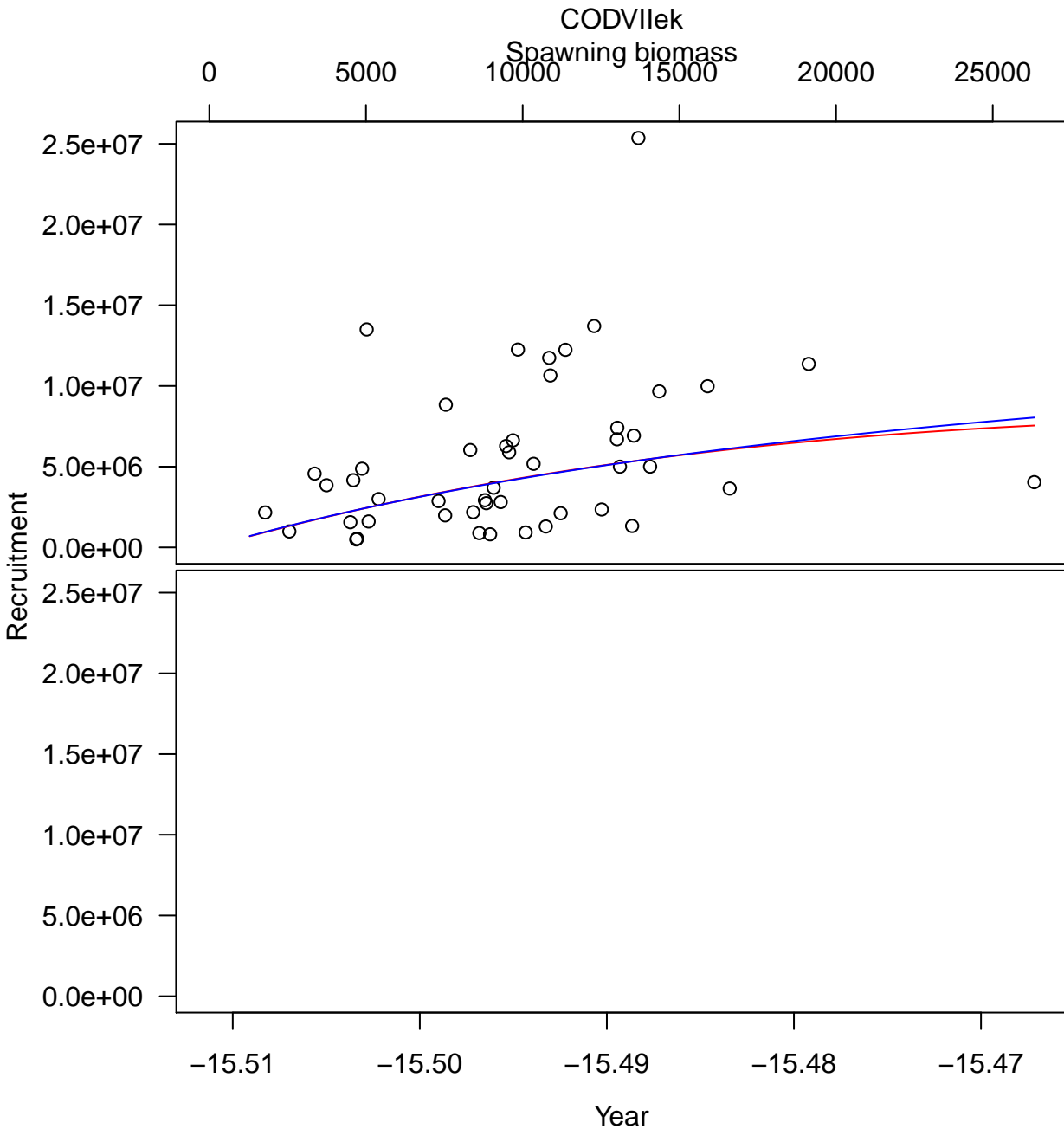
CODNEAR

Spawning biomass

0 500000 1000000 1500000 2000000 2500000







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

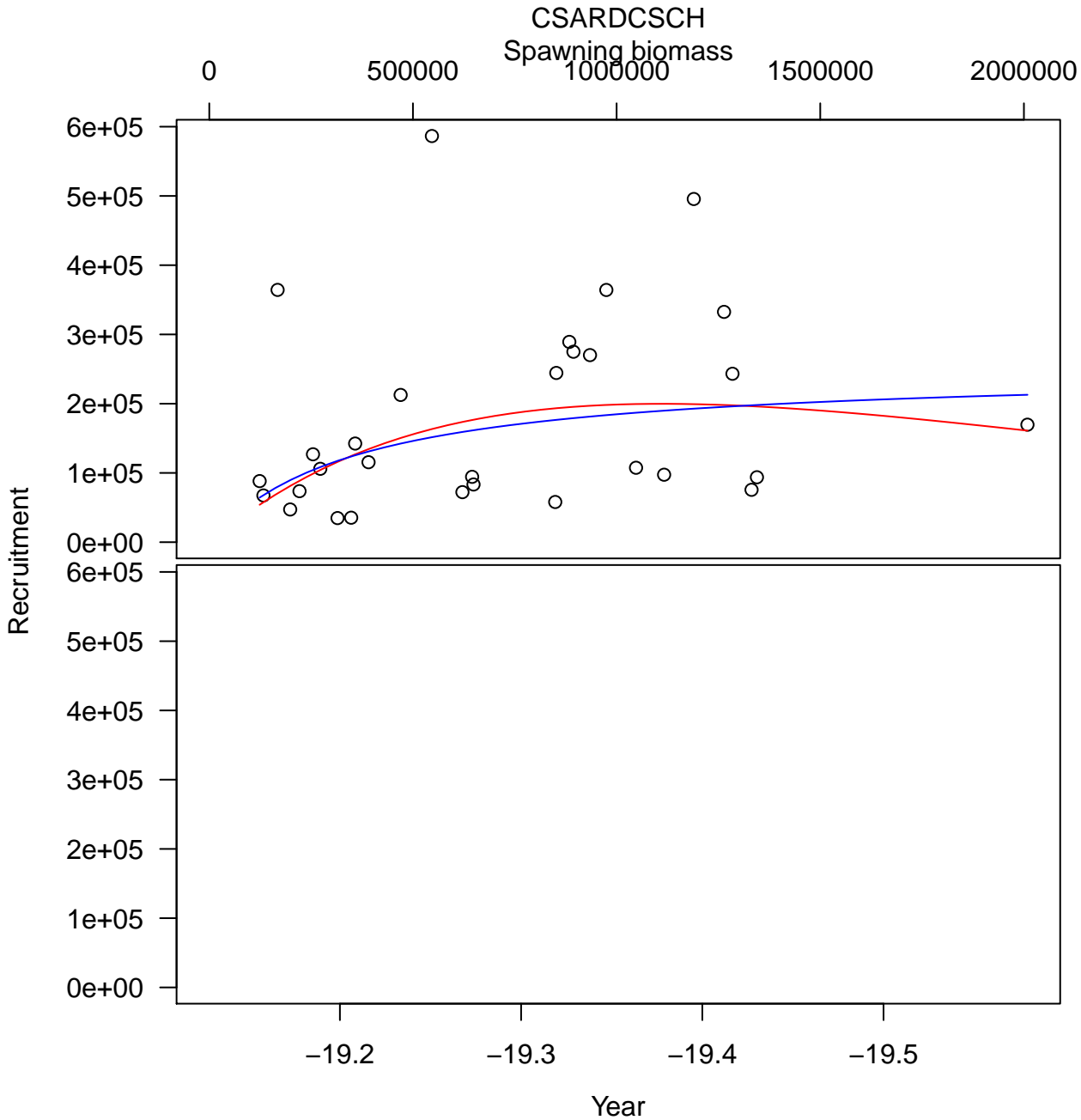
-108.5

-109.0

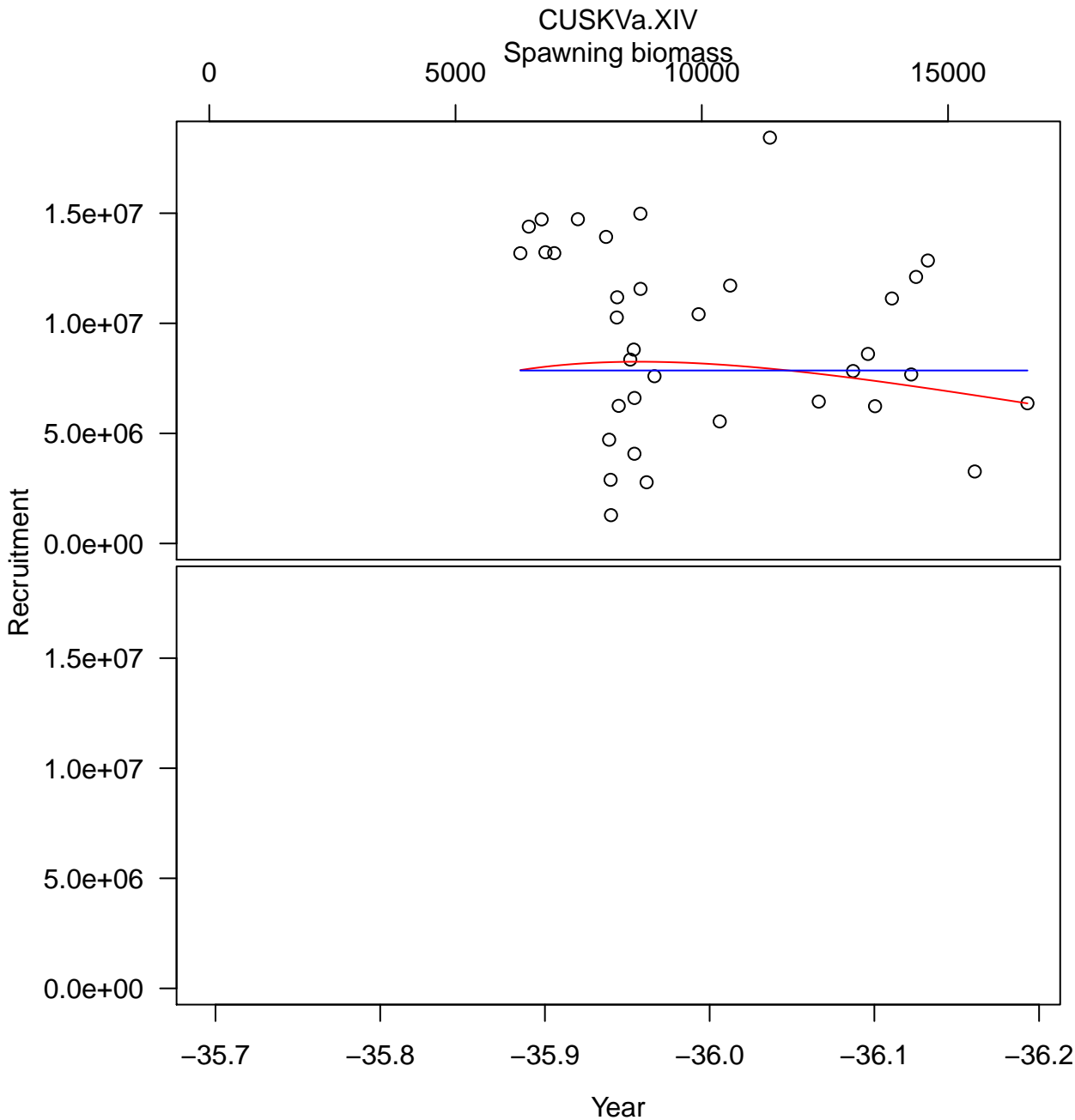
-109.5

-110.0

Year



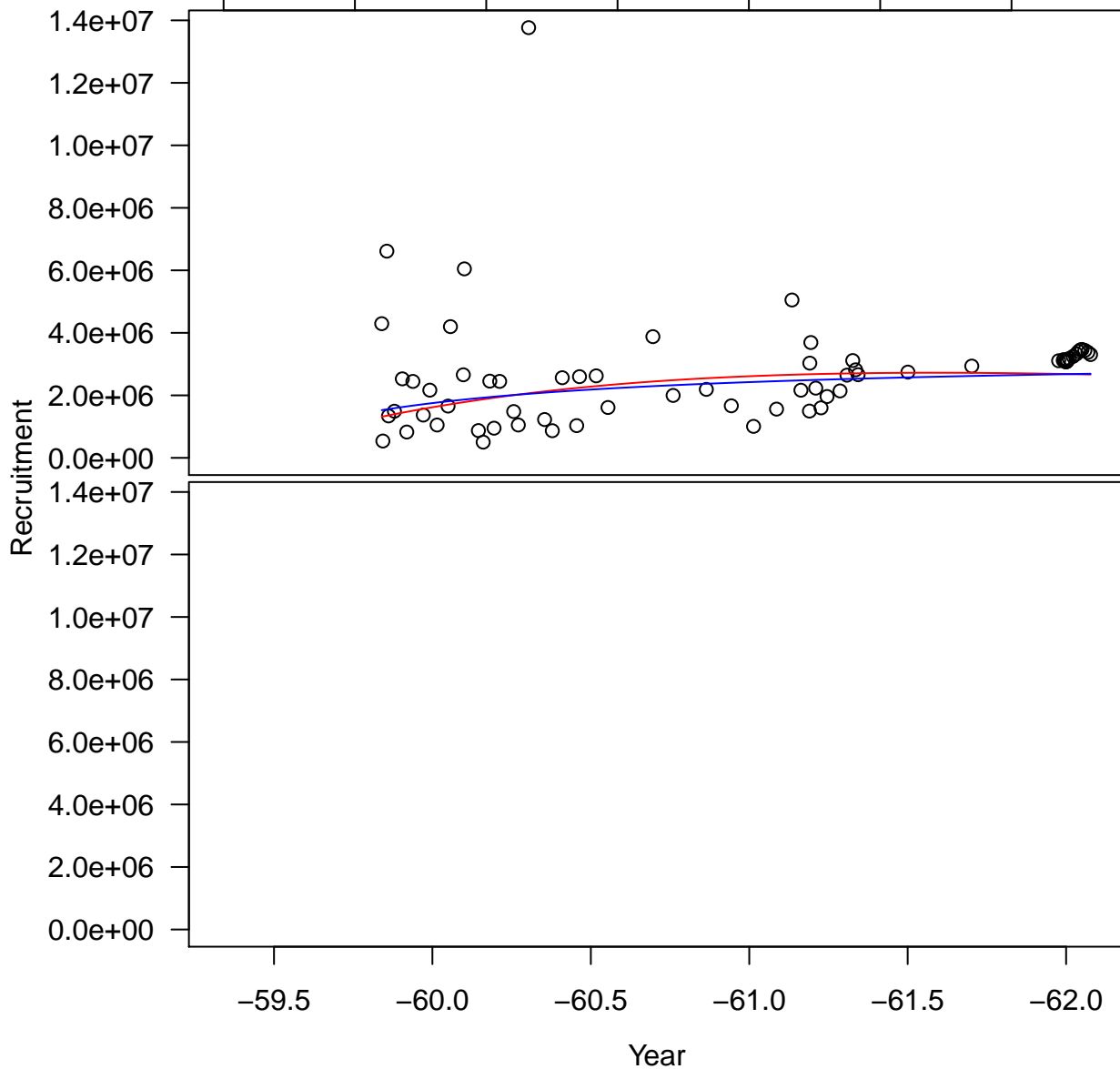


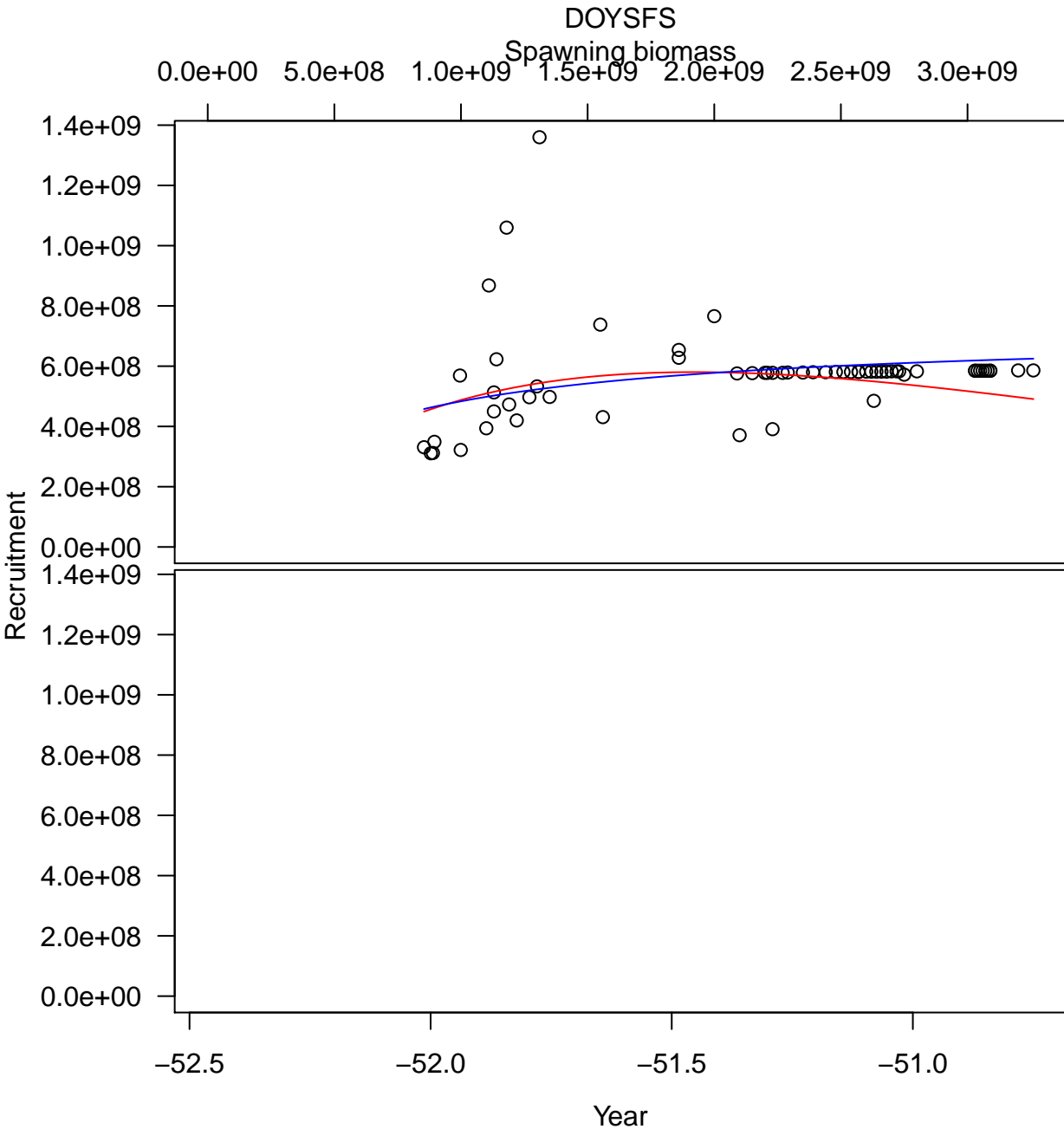


DKROCKPCOAST

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

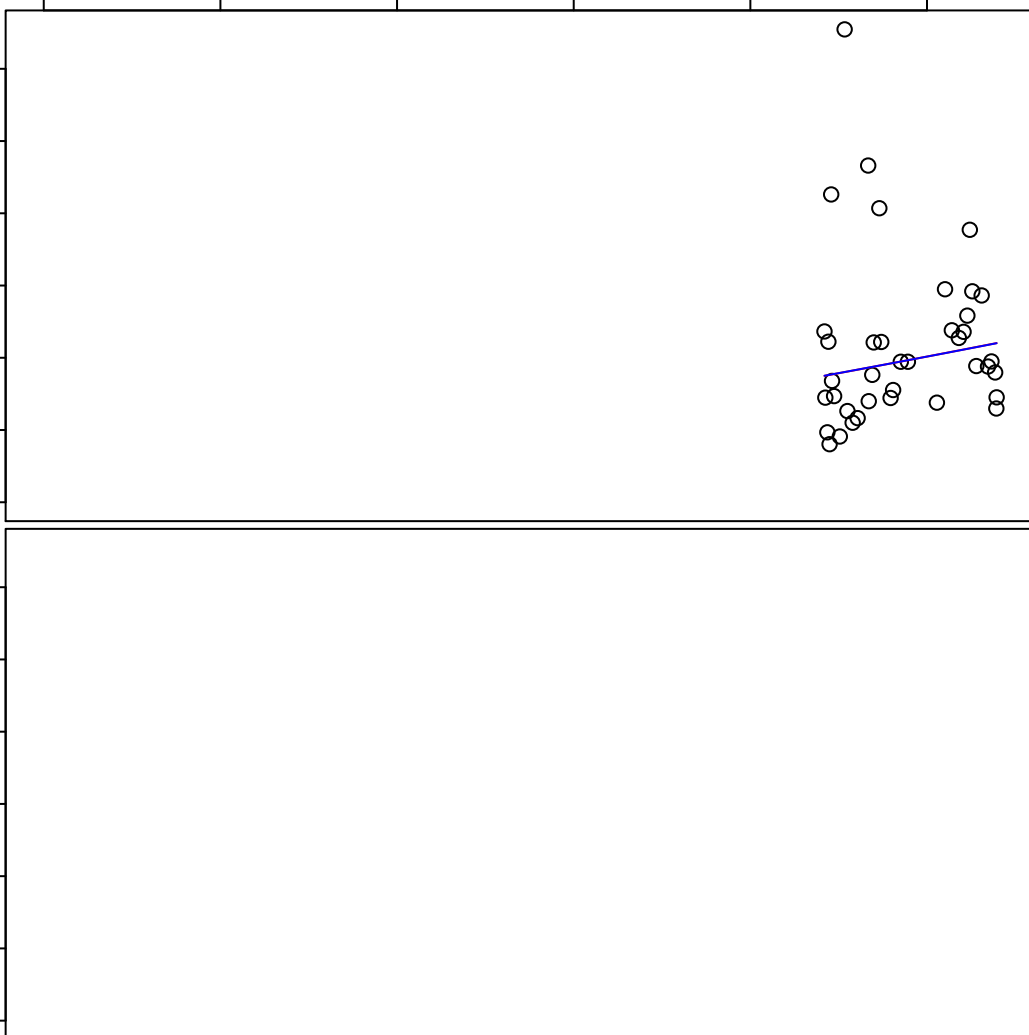
Recruitment

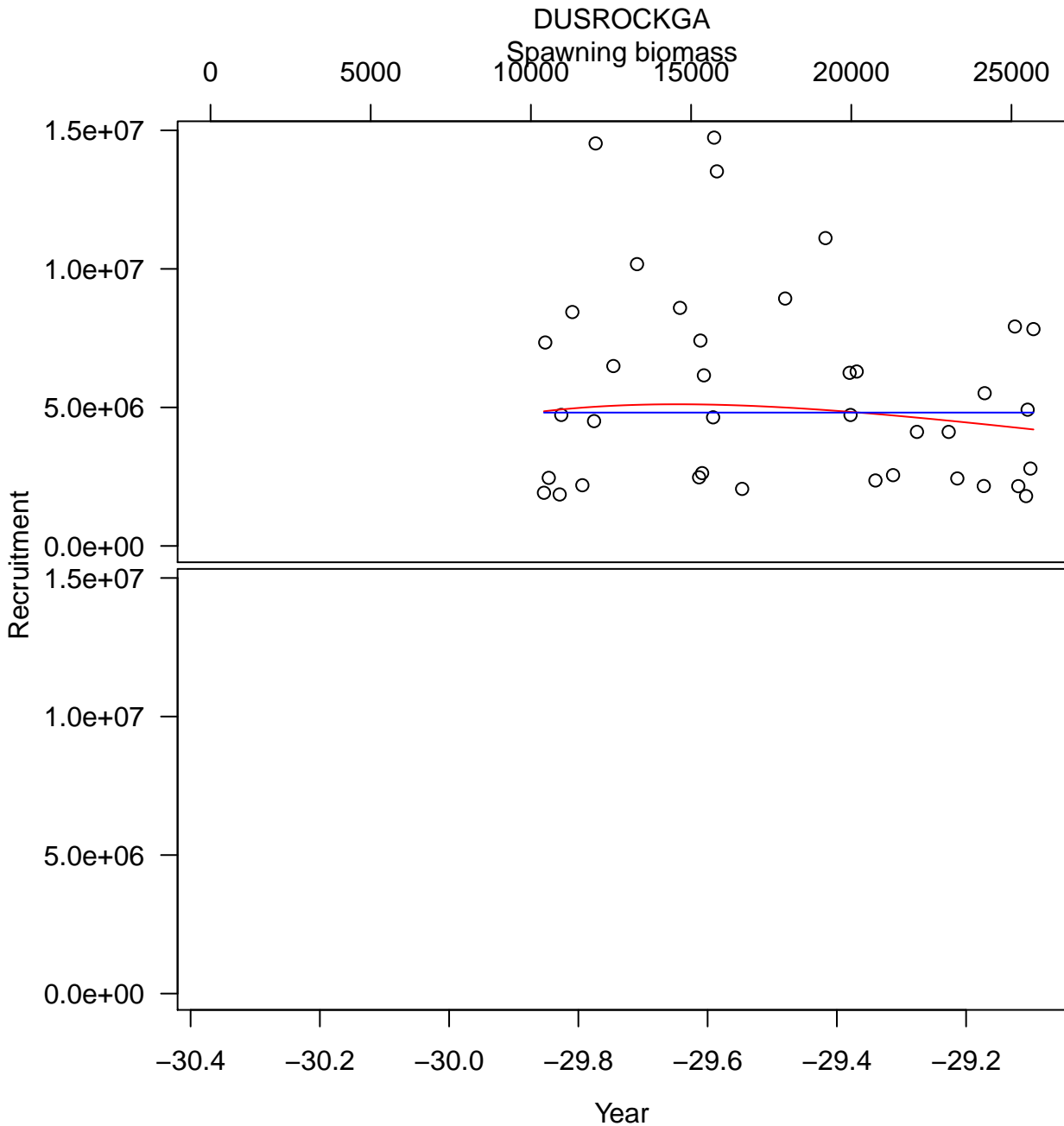
6e+07  
5e+07  
4e+07  
3e+07  
2e+07  
1e+07  
0e+00

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

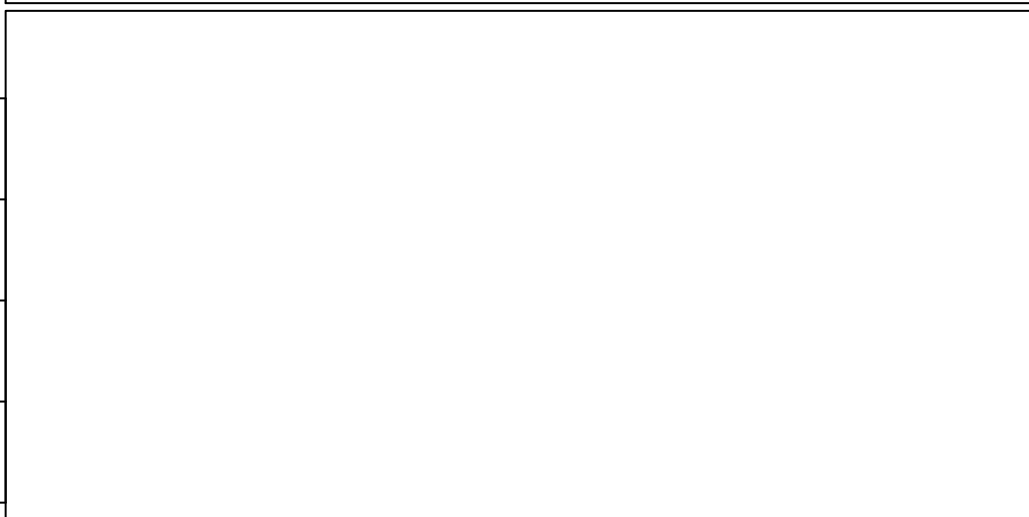
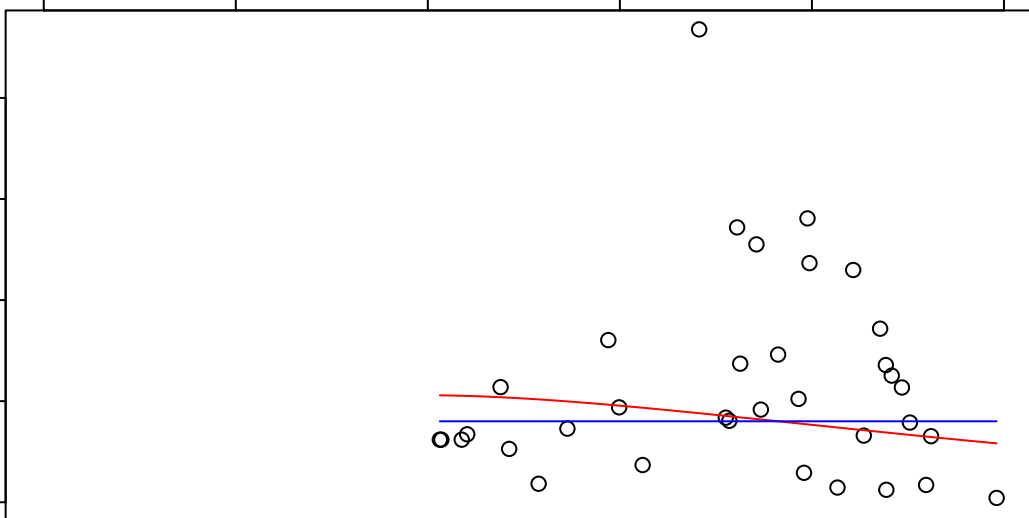
2.0

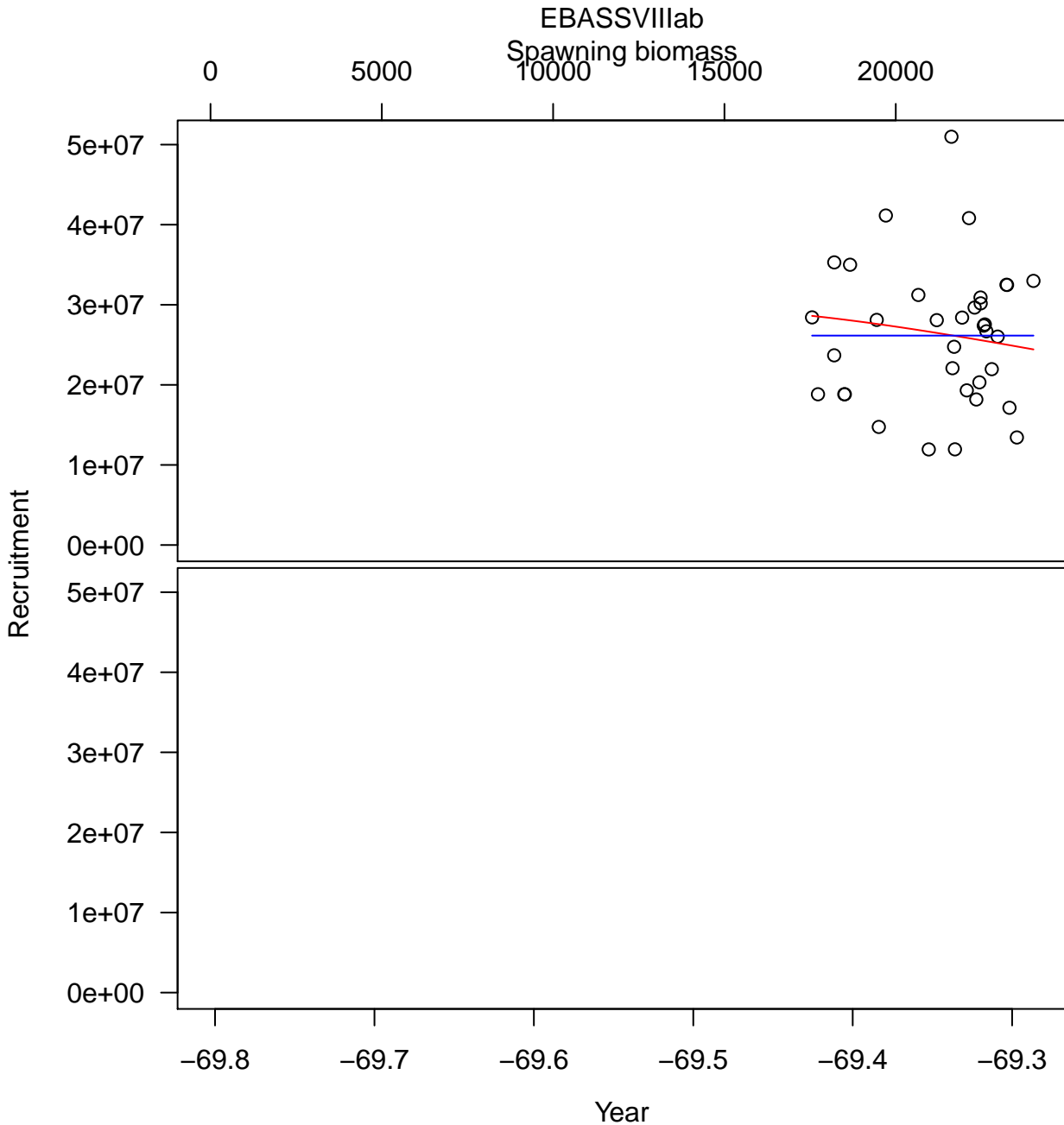
2.2

2.4

2.6

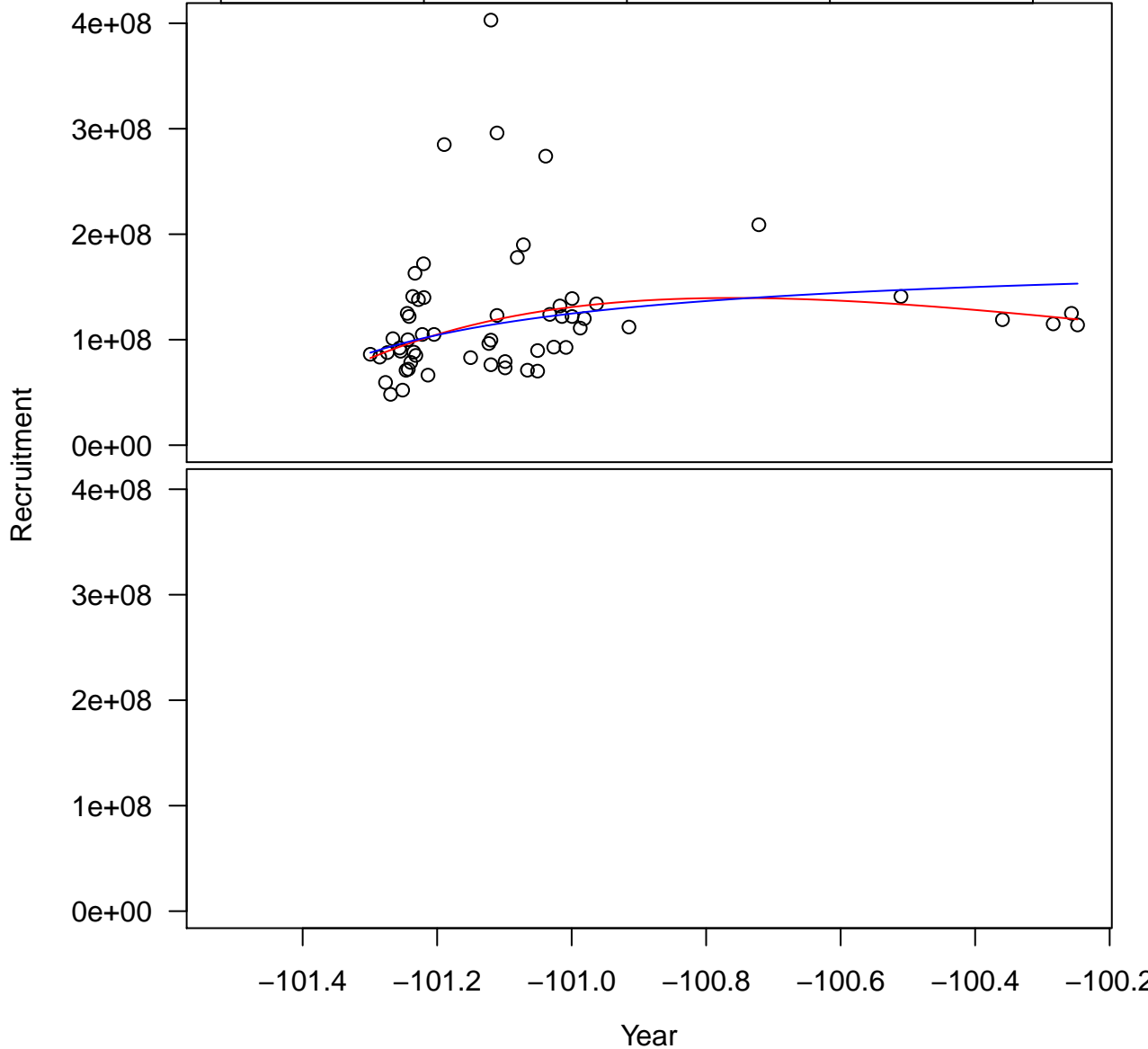
Year



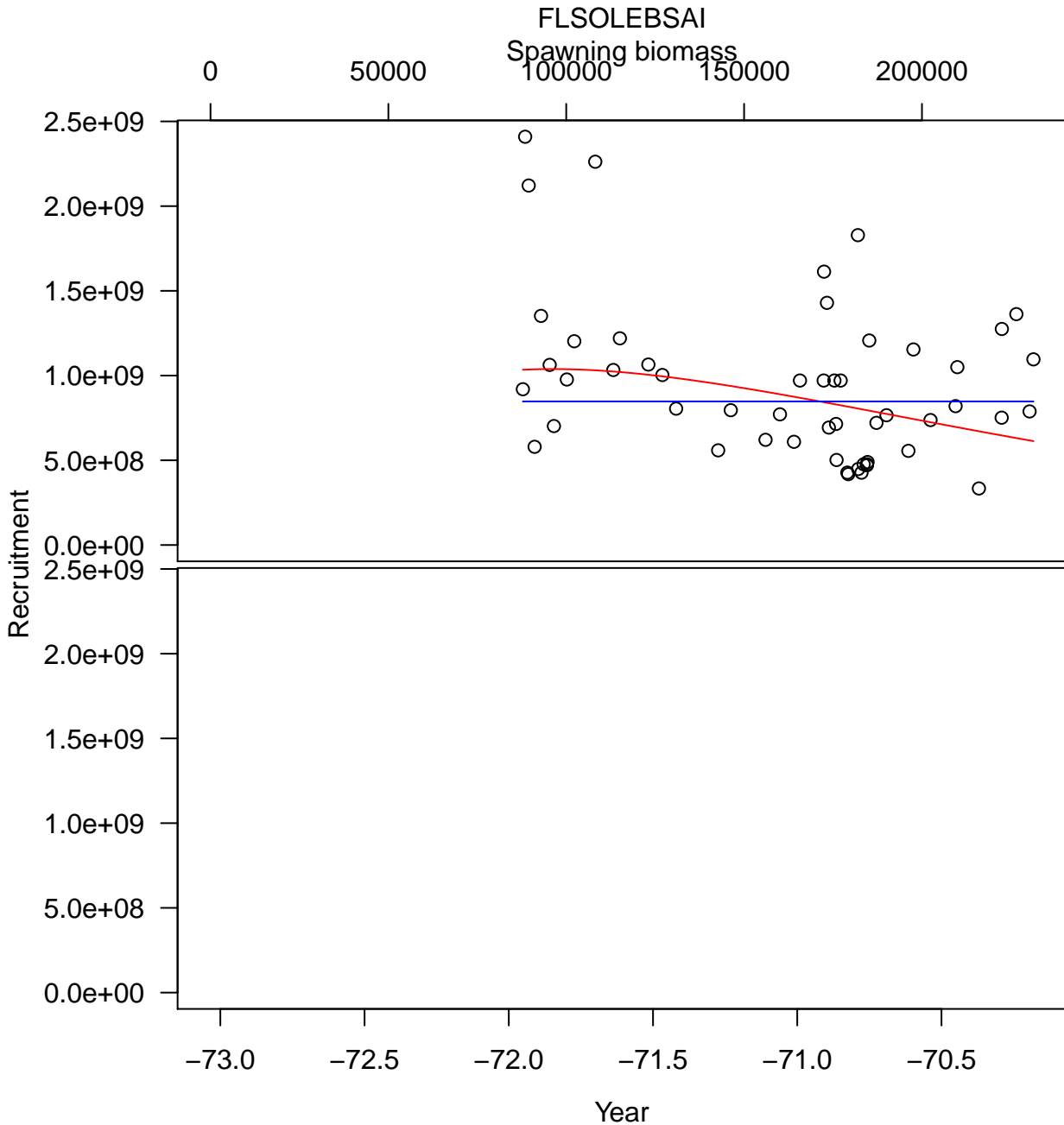


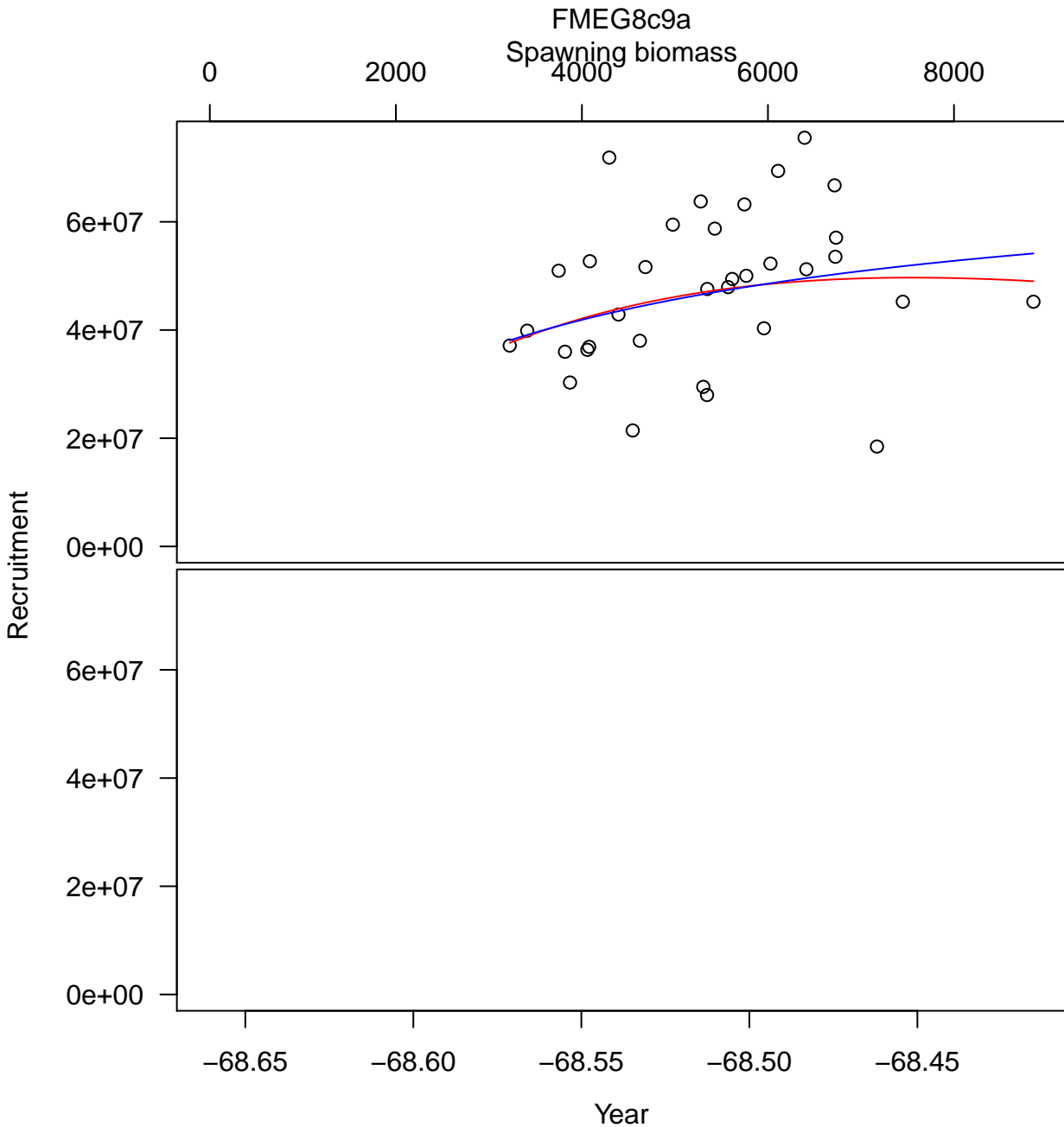
ESOLEPCOAST  
Spawning biomass

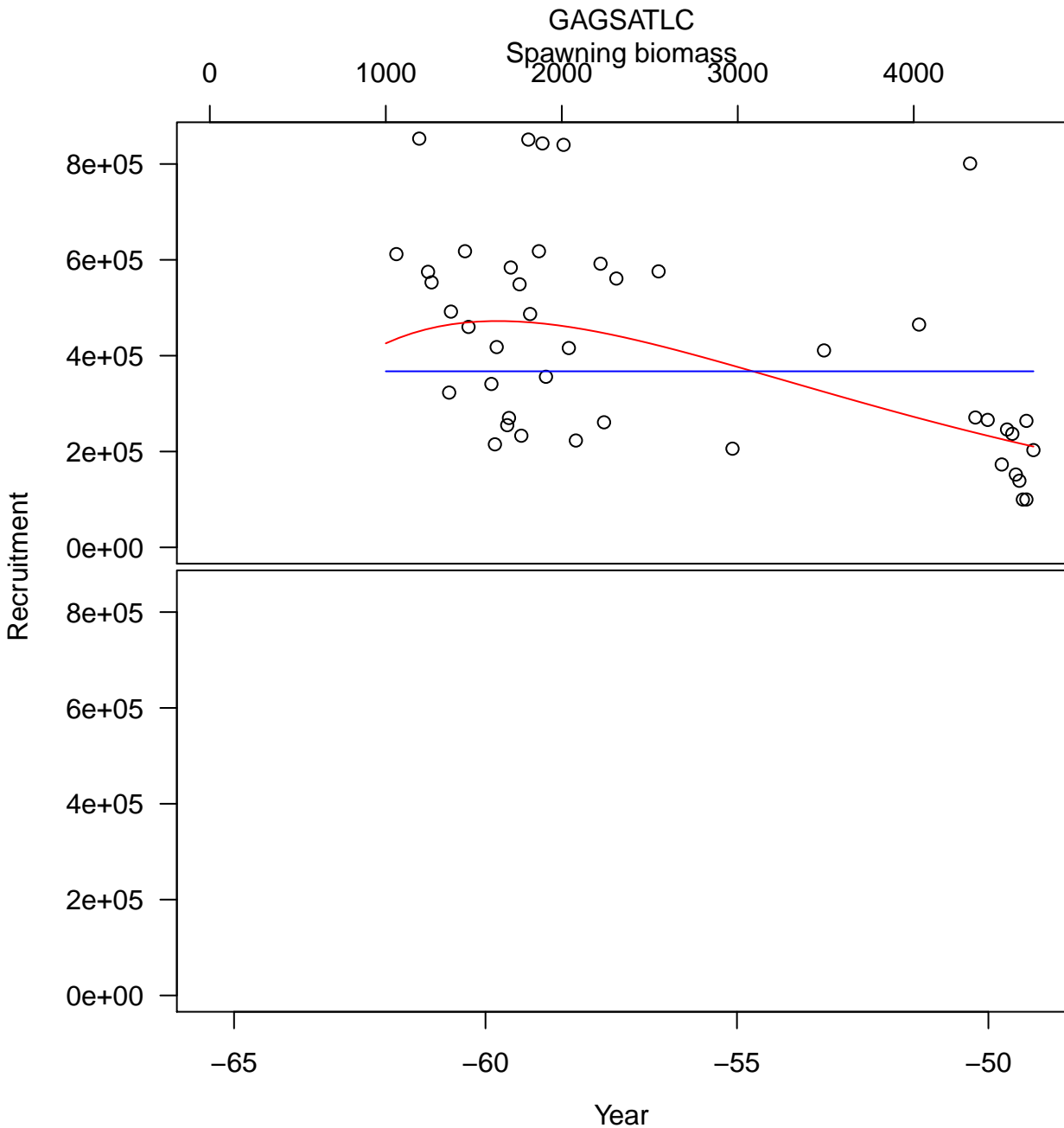
0 10000 20000 30000 40000

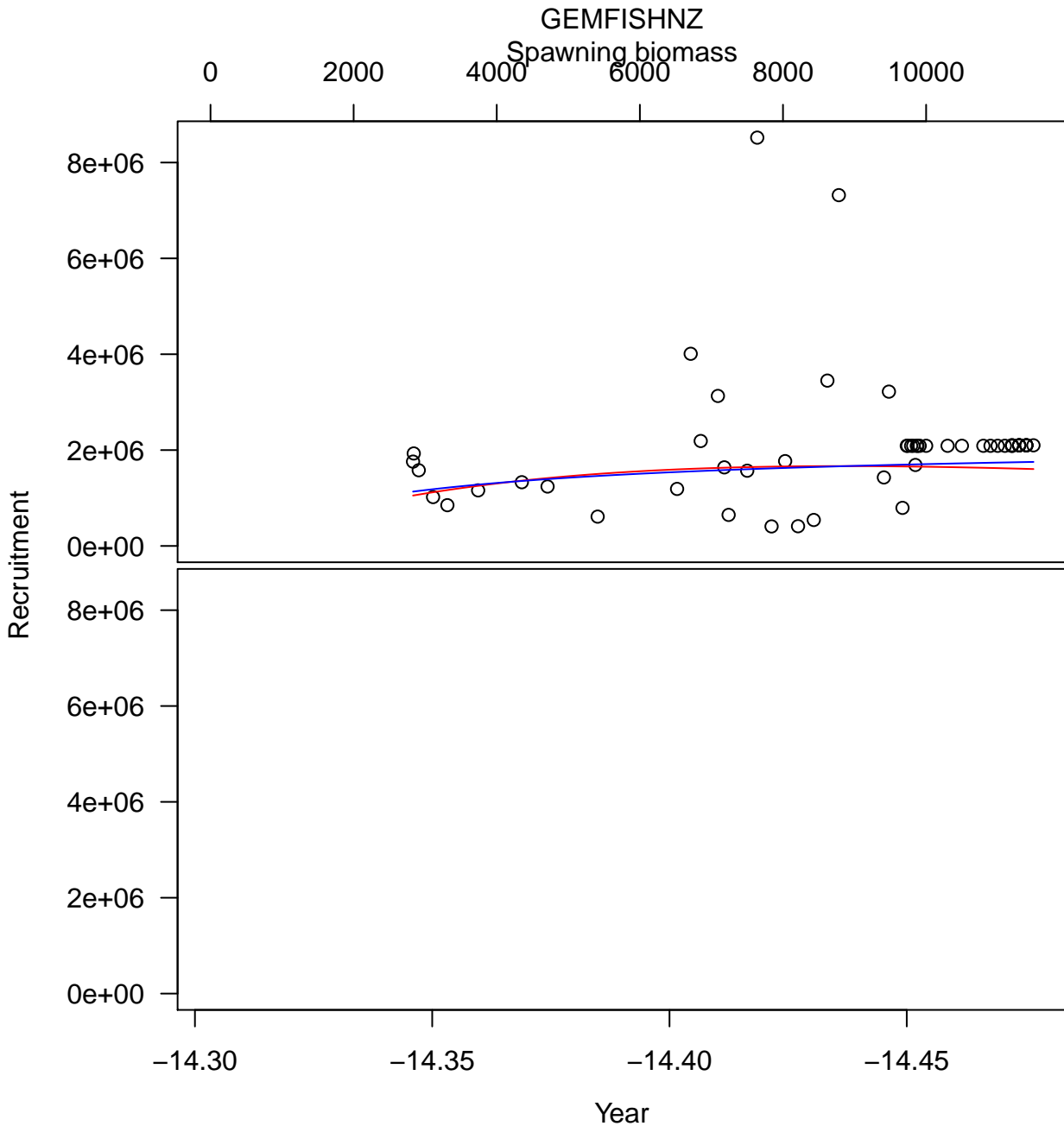


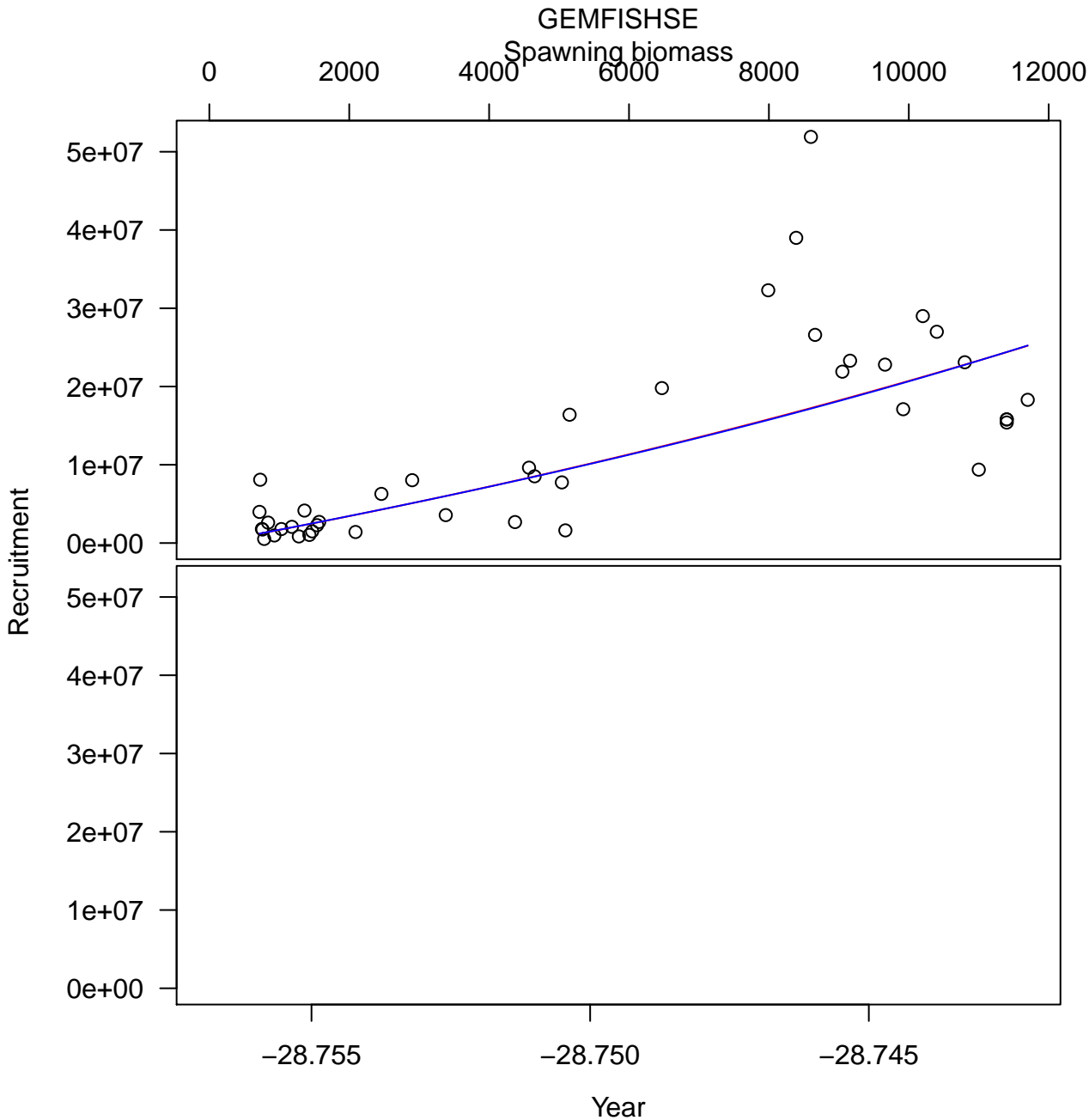












GHALBSAI

Spawning biomass

0 50000 100000 150000 200000 250000 300000

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

71.2

71.0

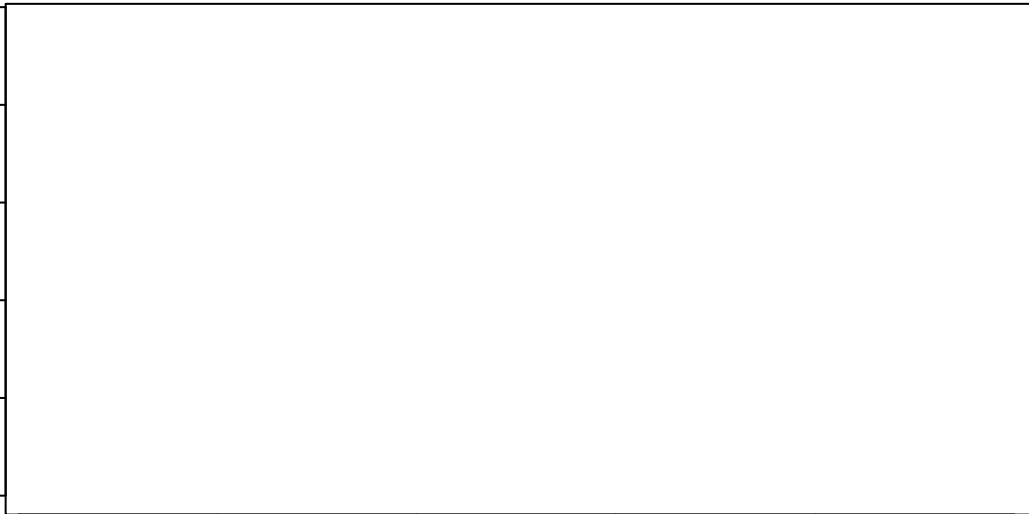
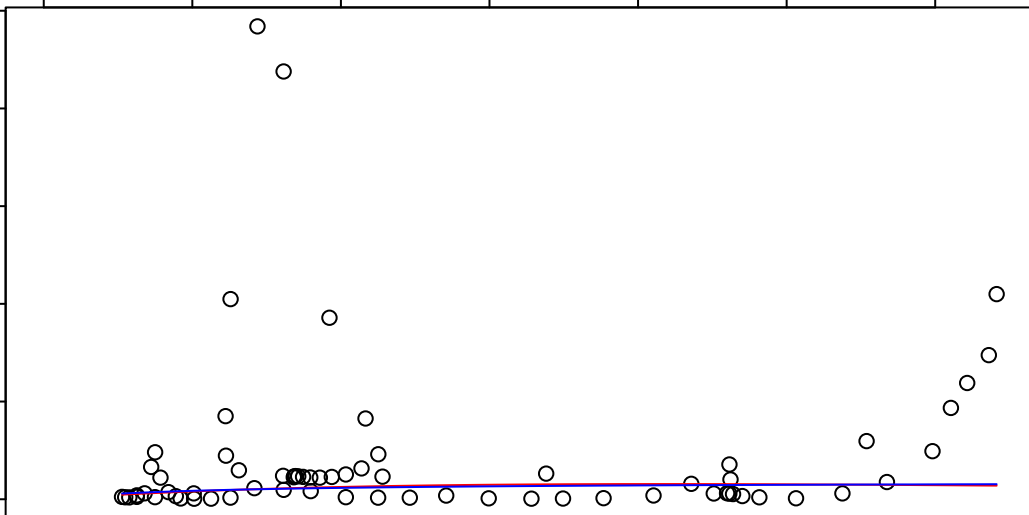
70.8

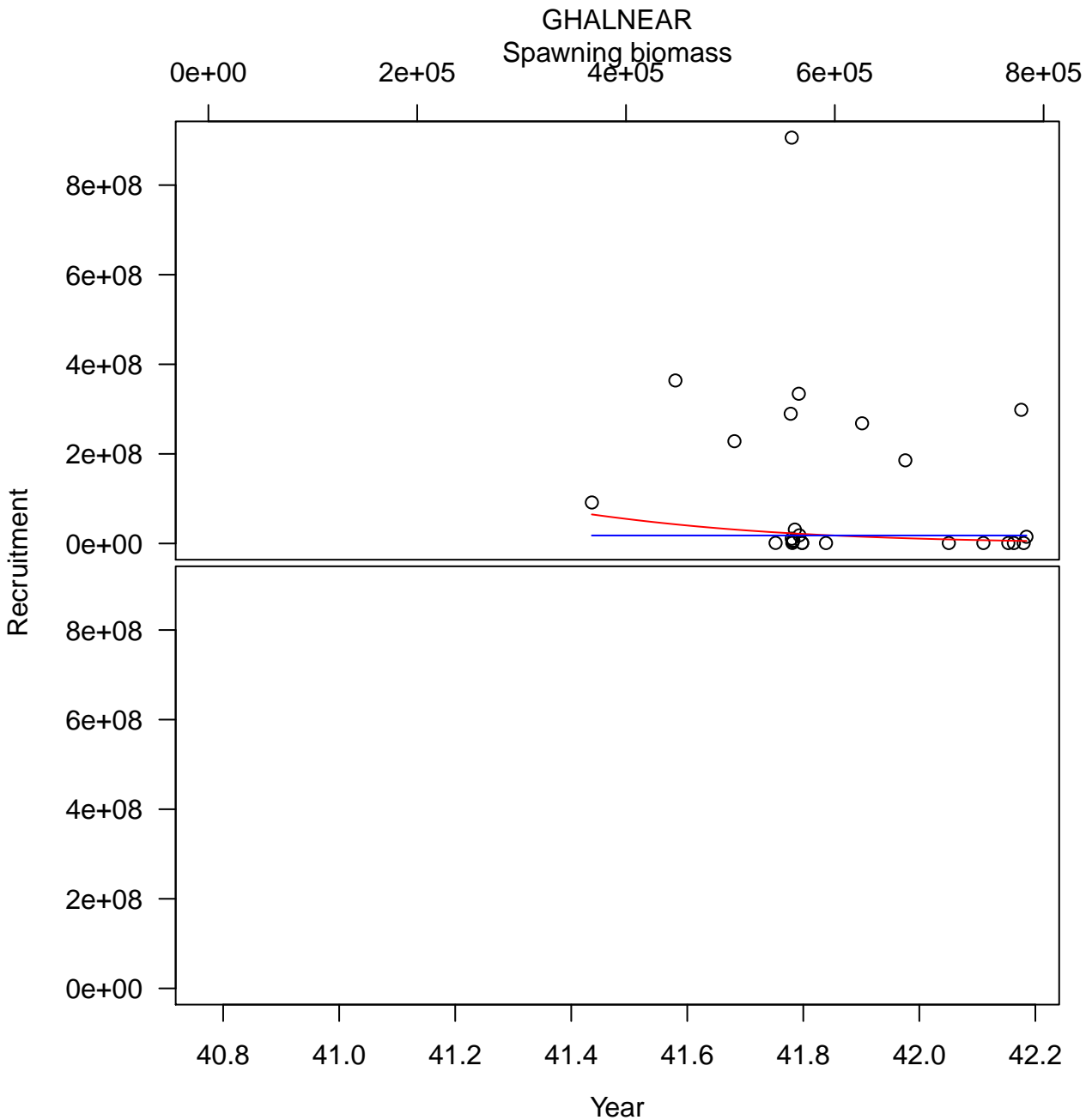
70.6

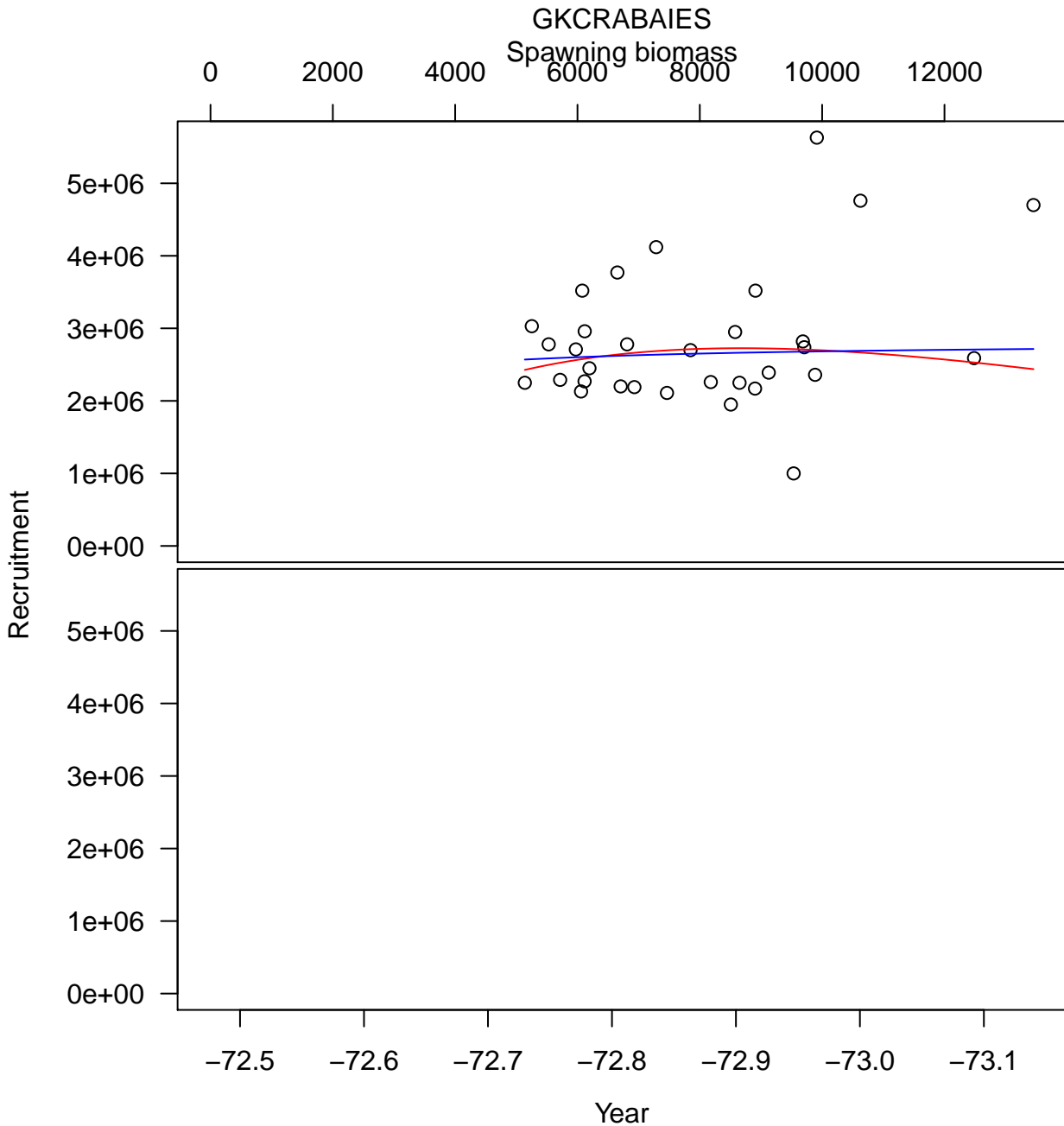
70.4

70.2

Year









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

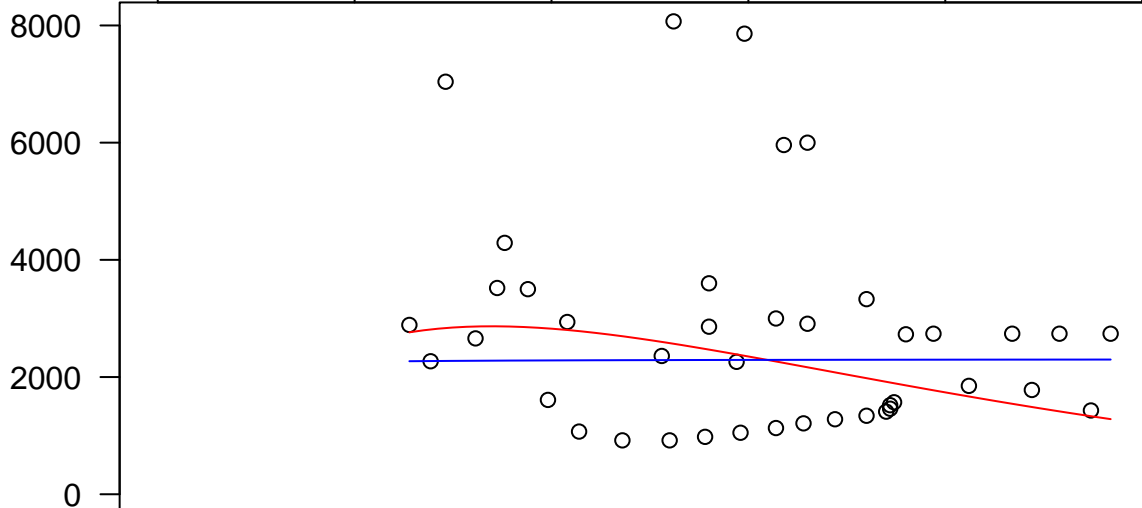
-39.6

Year

# GOPHERSPCOAST

Spawning biomass

0 500 1000 1500 2000 2500

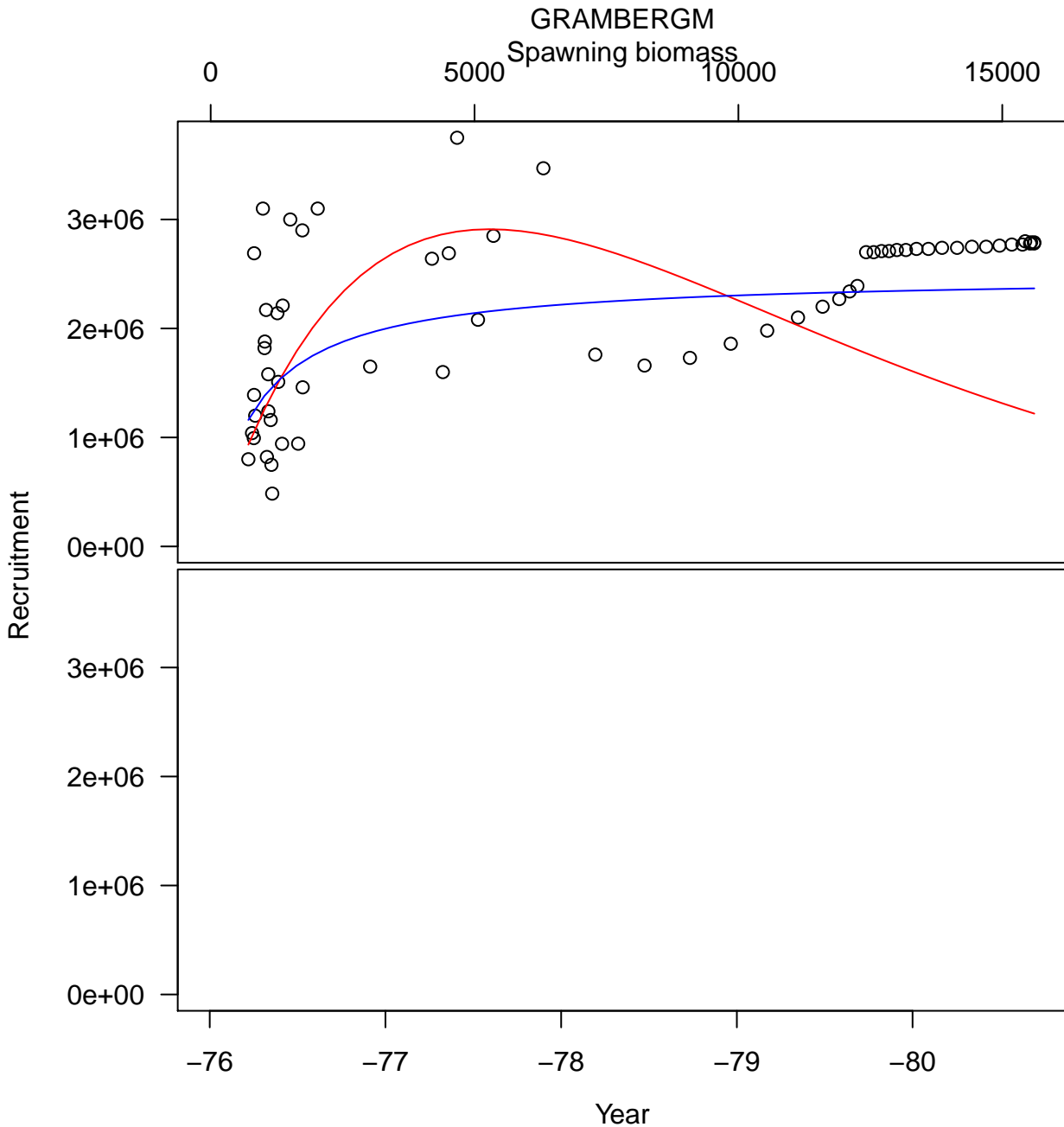


Recruitment



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

Year



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

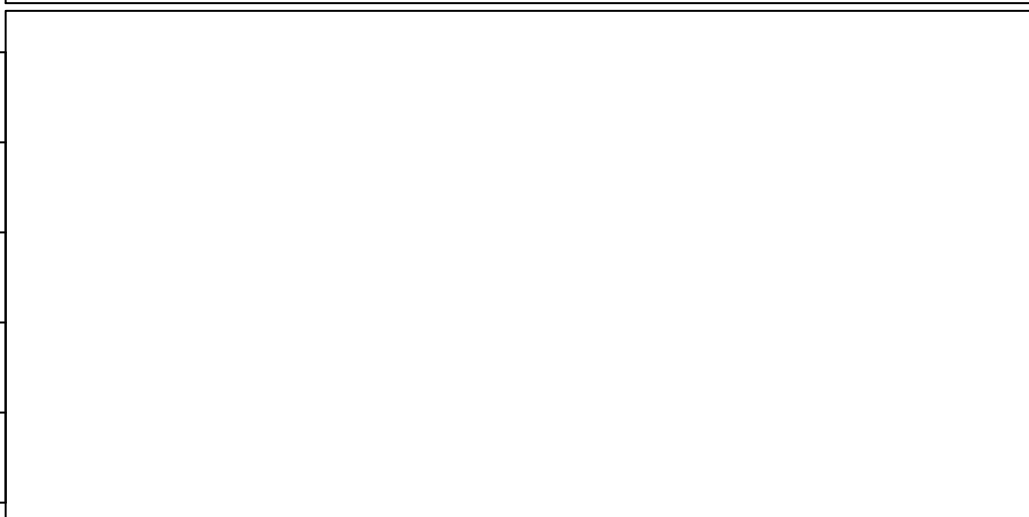
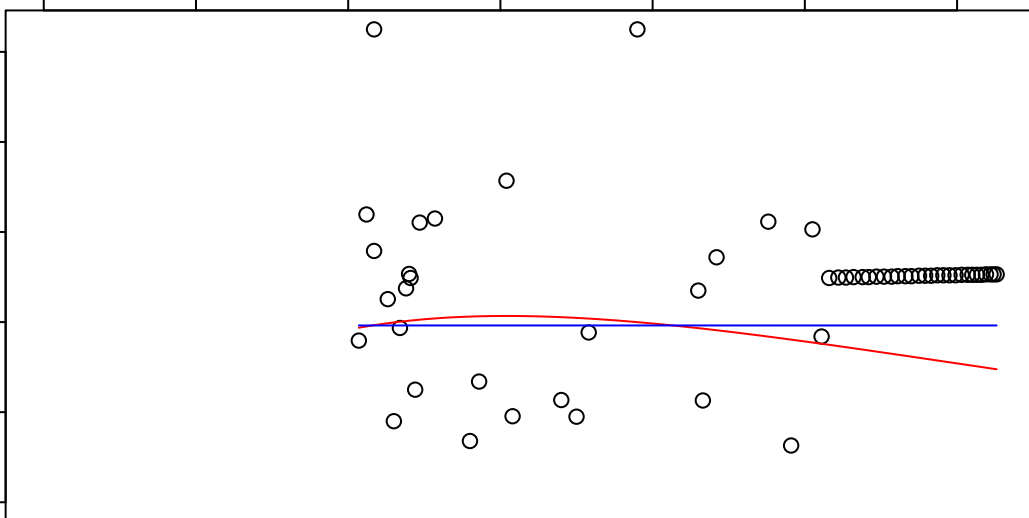
-30.6

-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

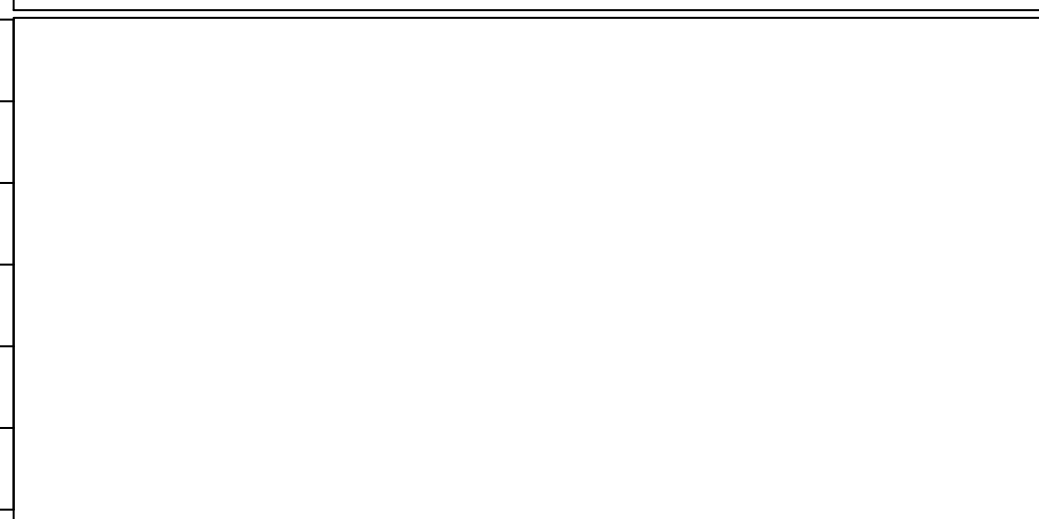
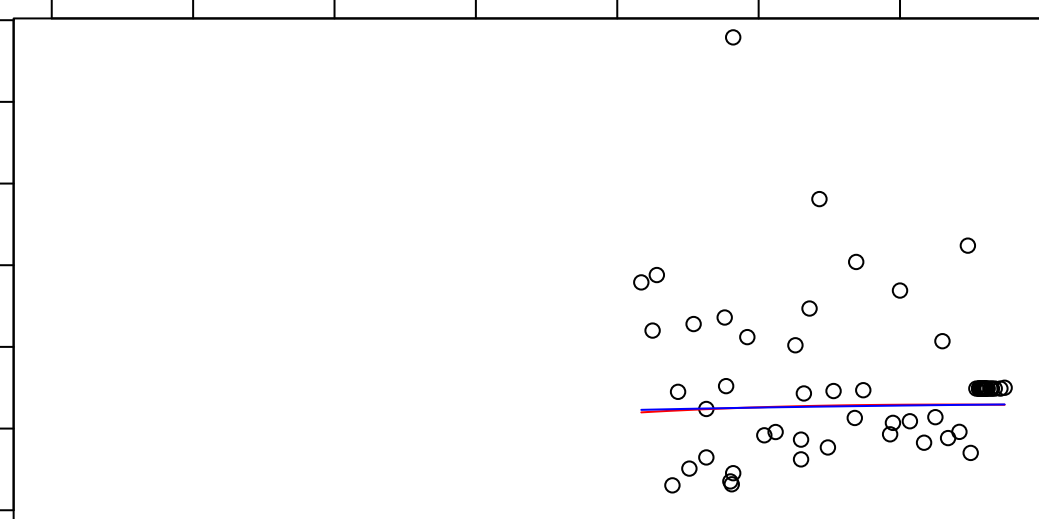
-26.88

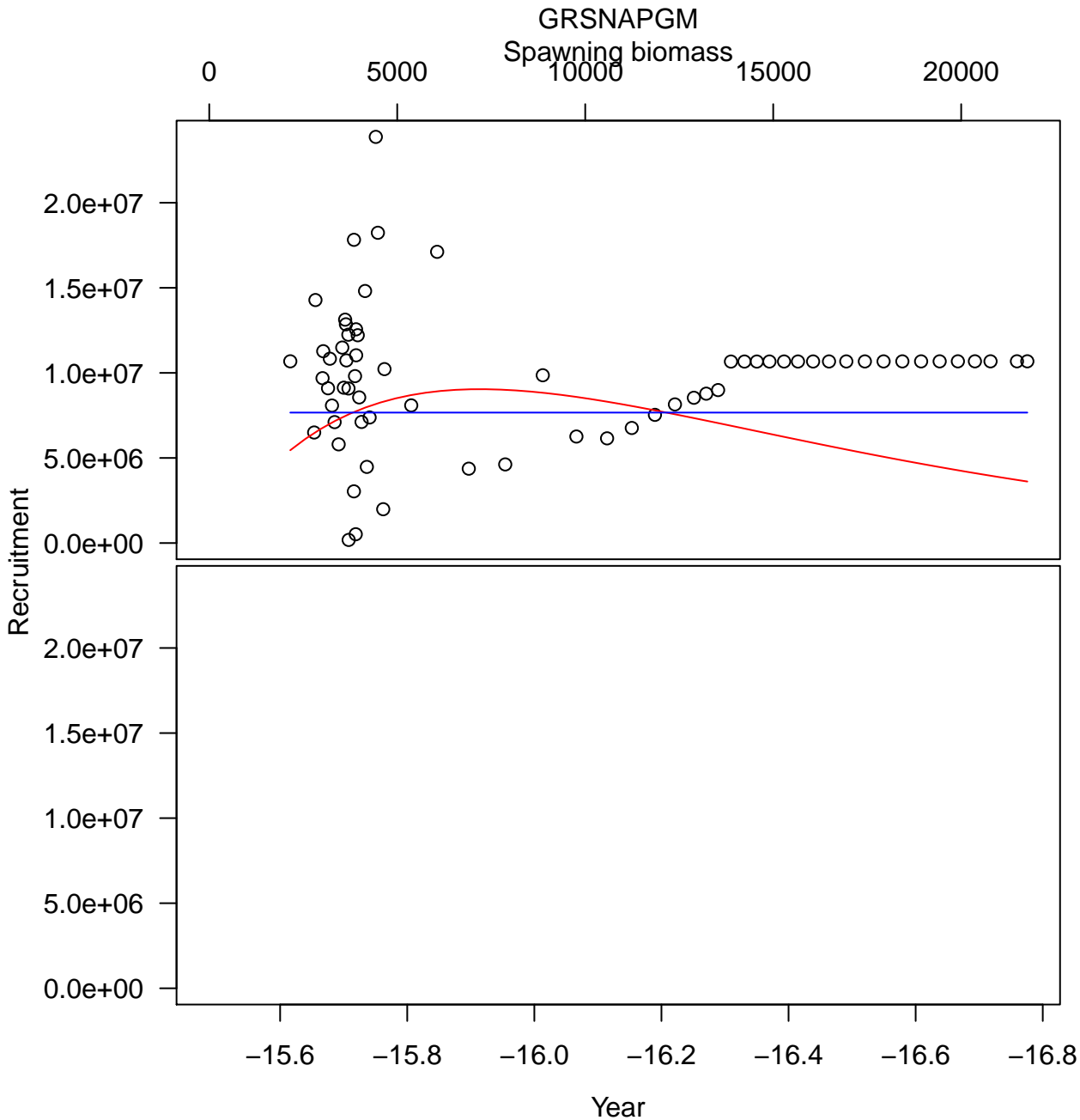
-26.89

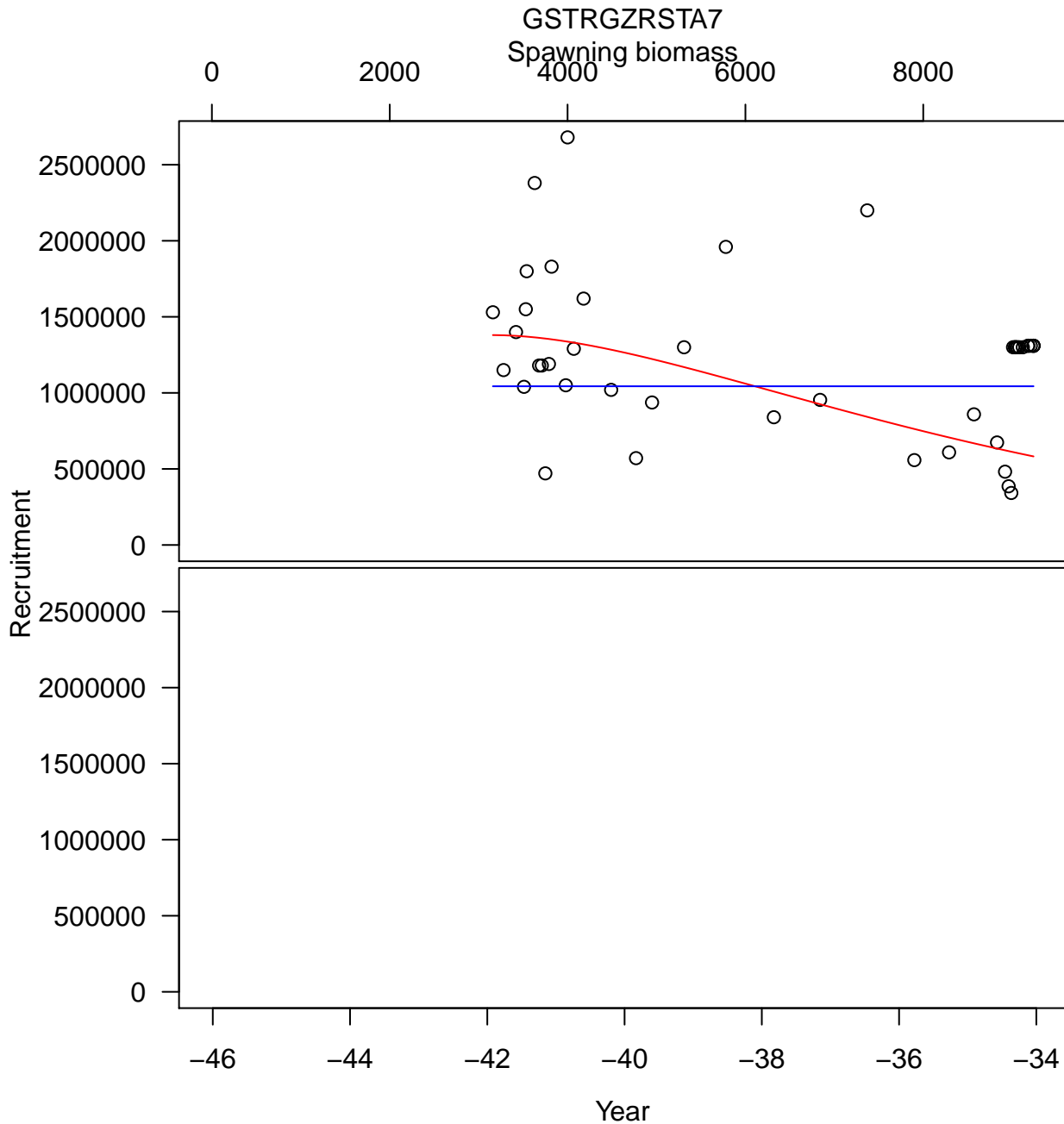
-26.90

-26.91

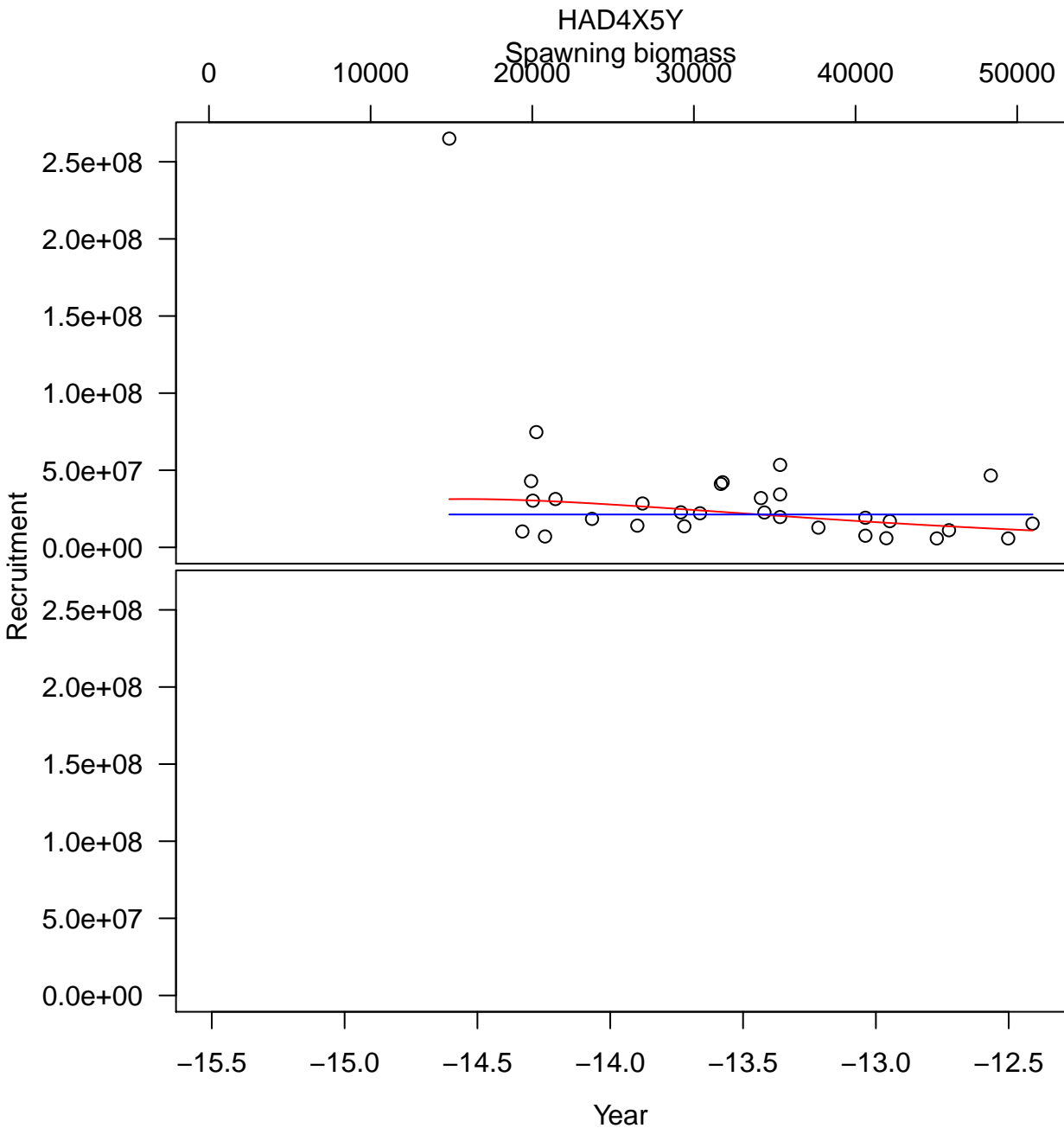
Year

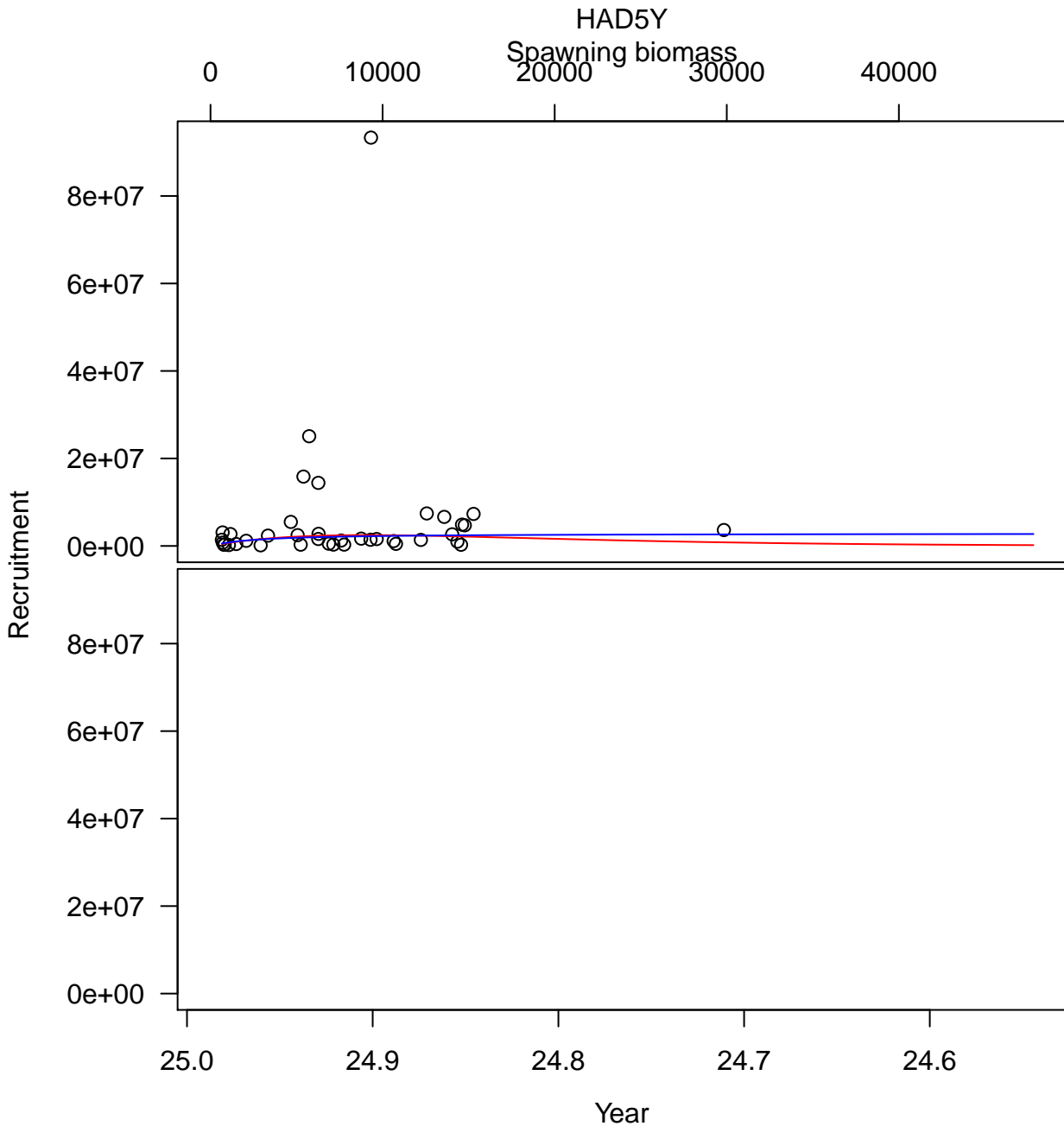


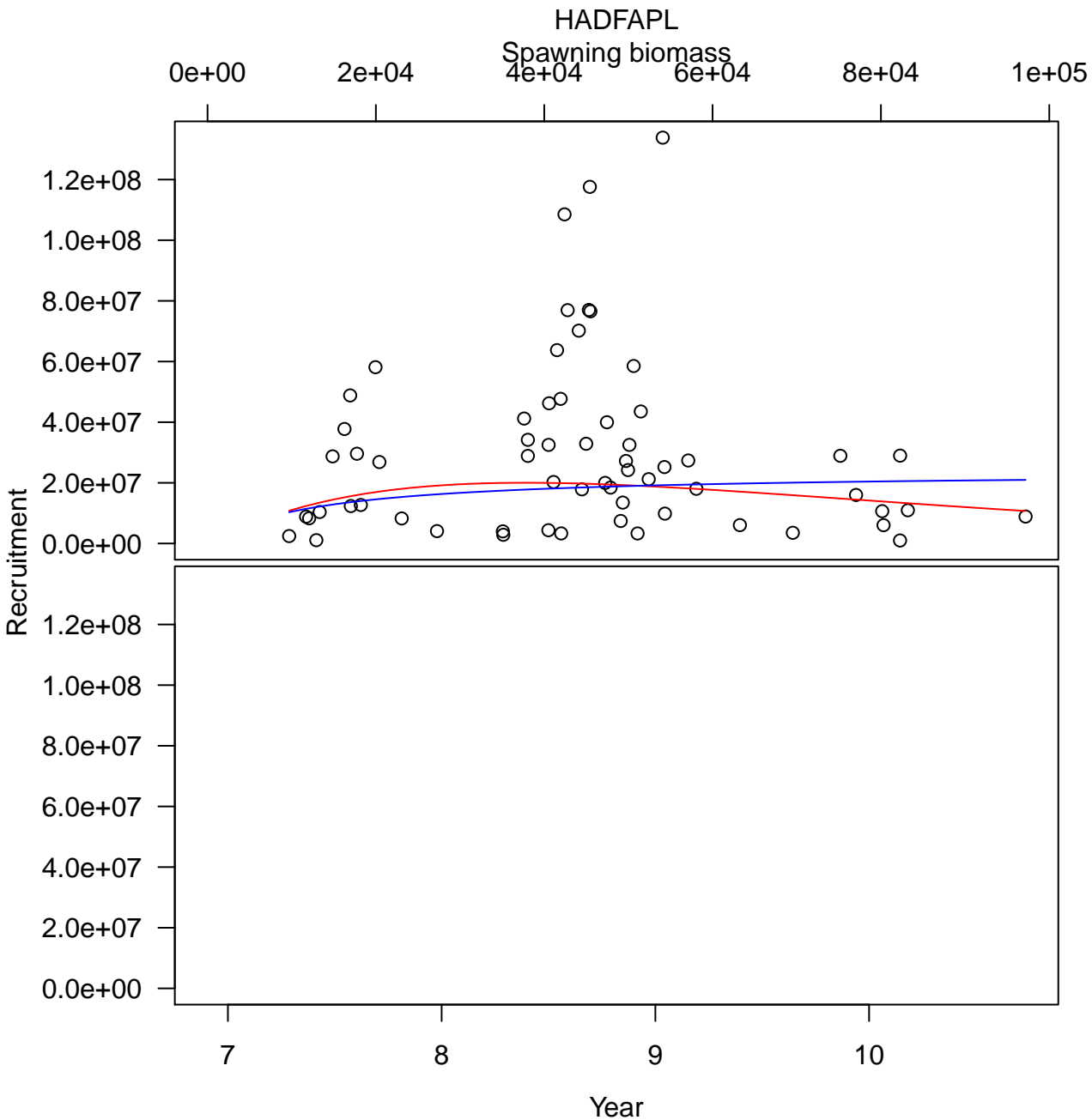


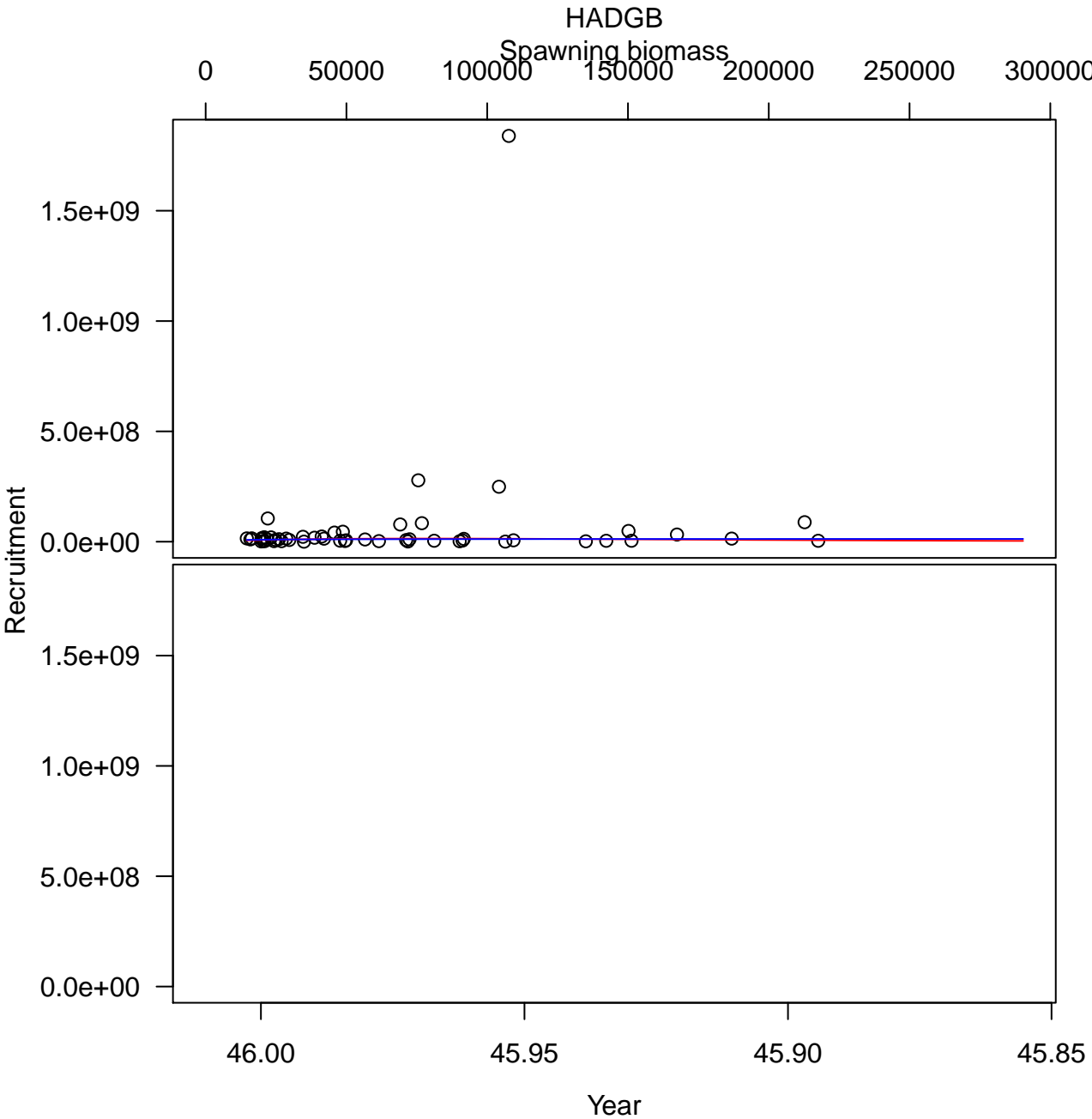


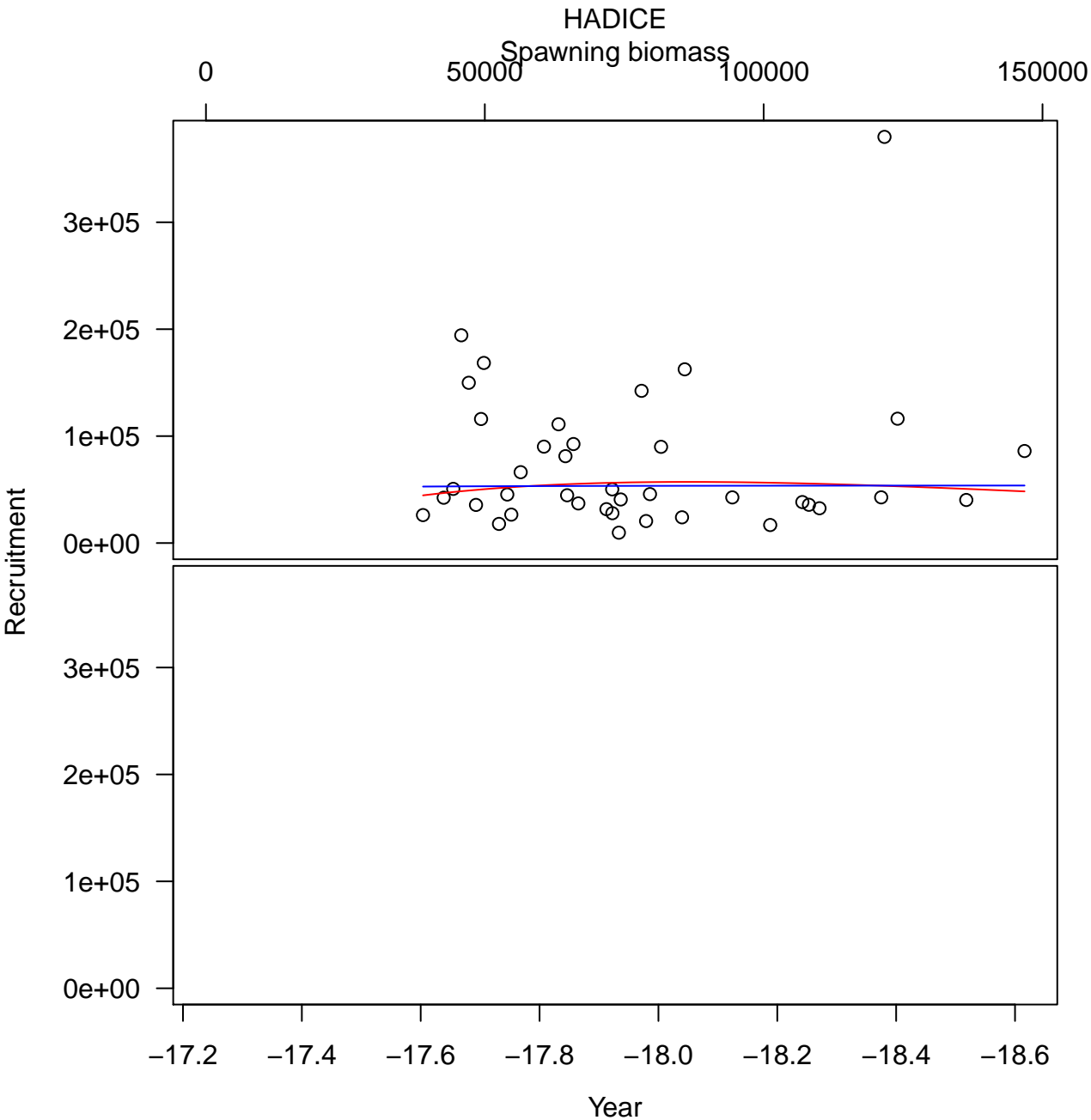


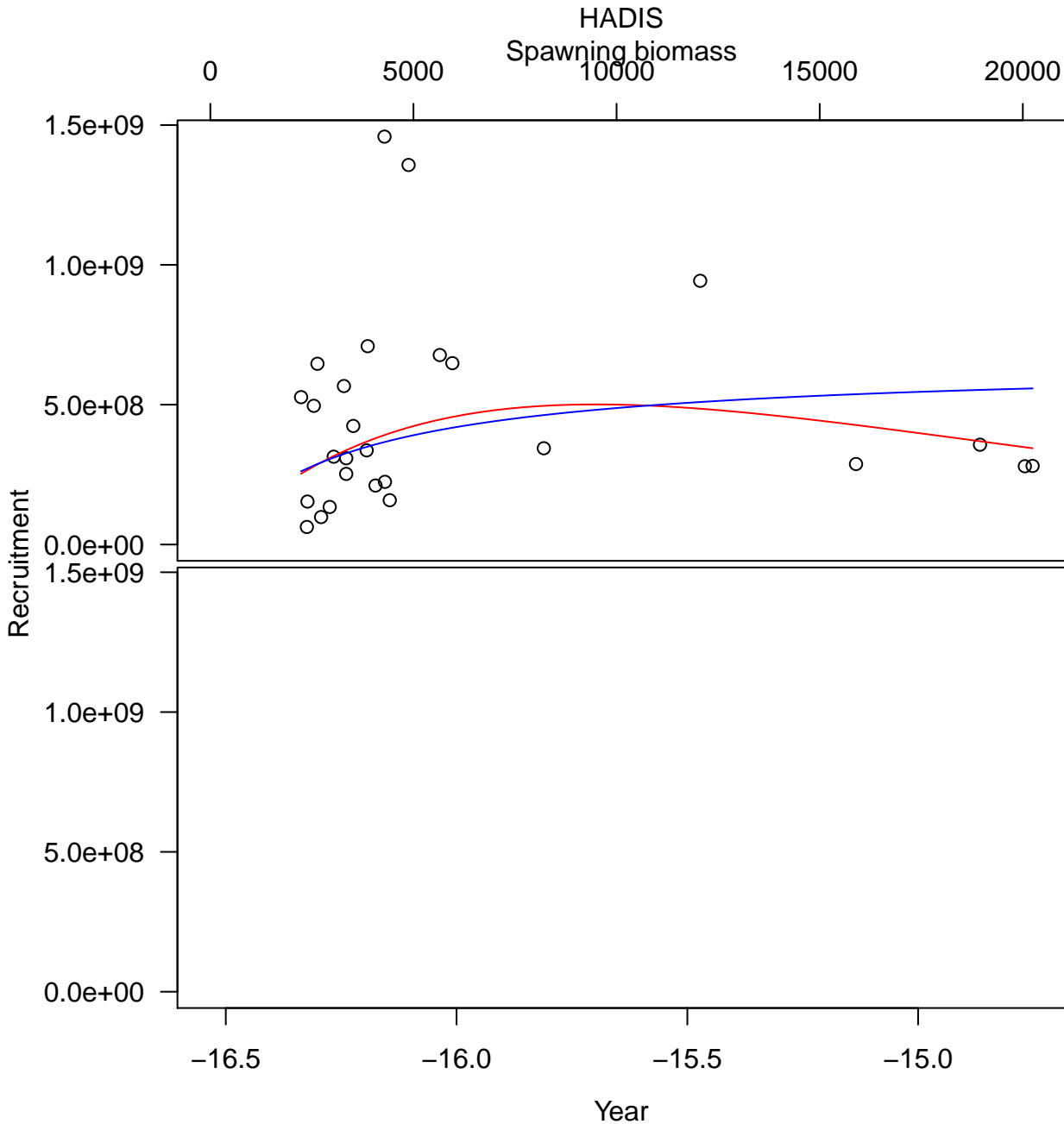


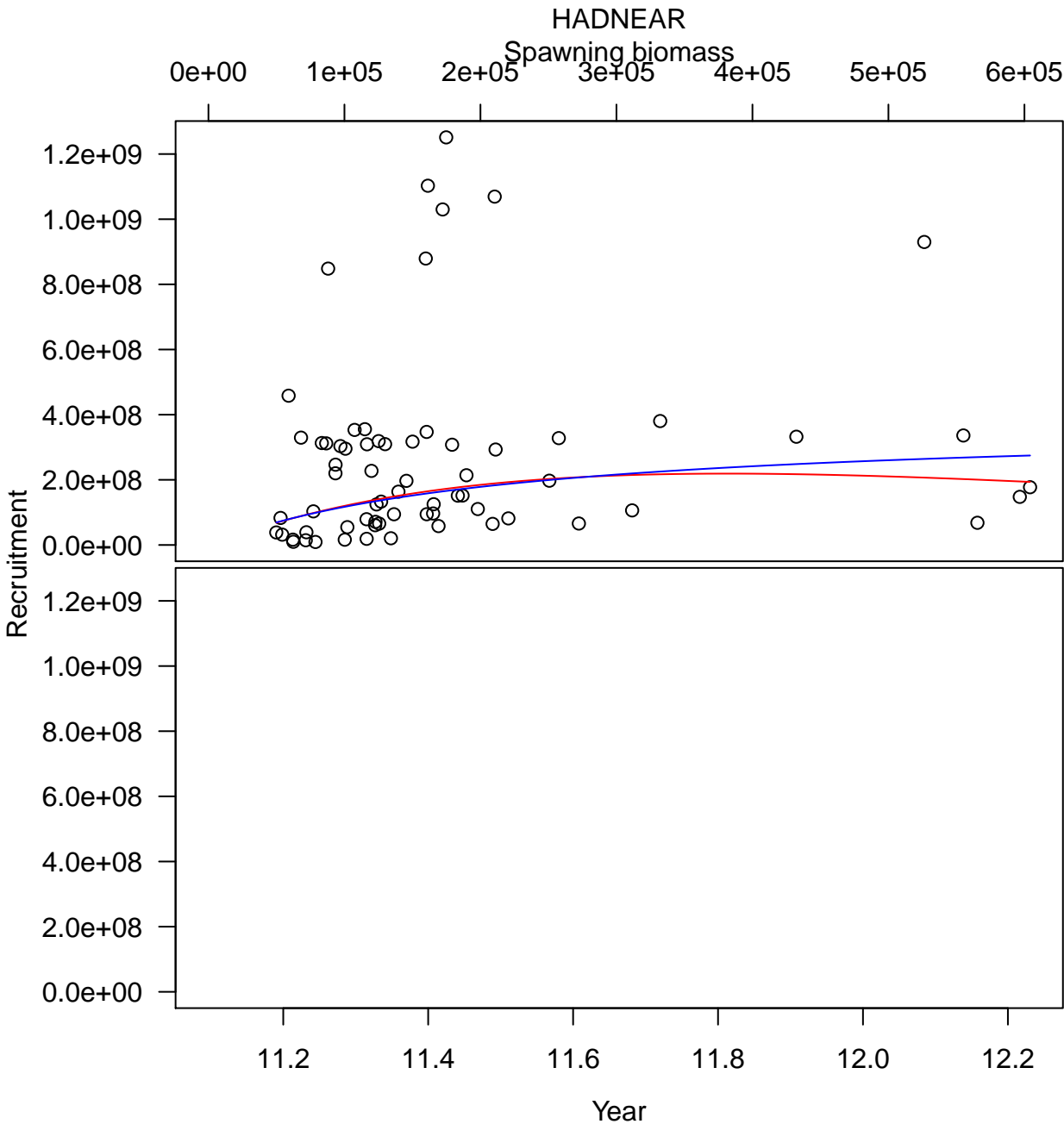












HADNS.IIIa.VIa

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

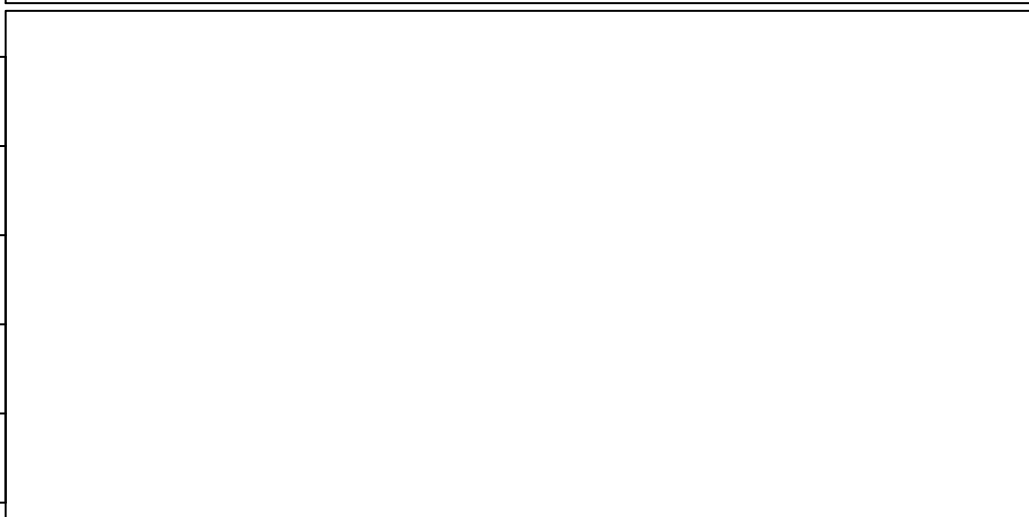
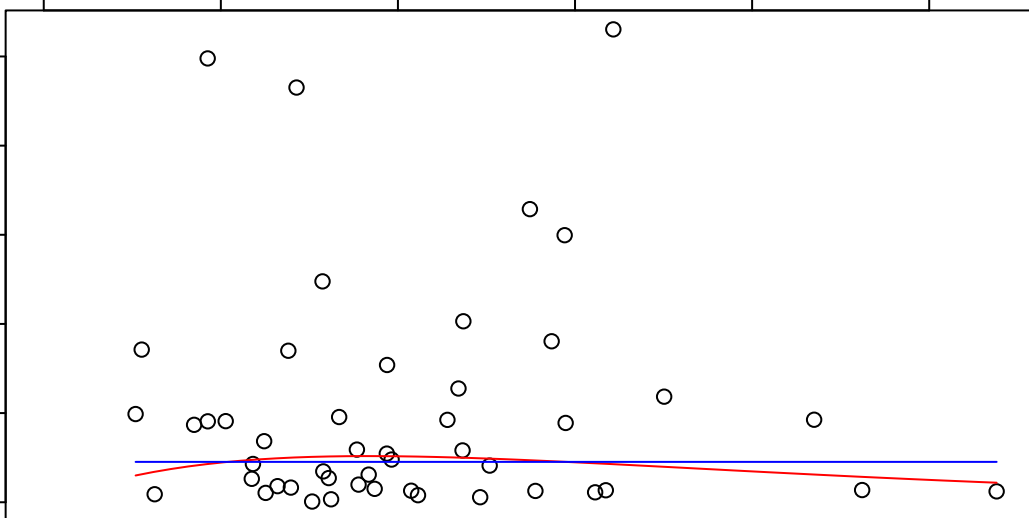
31.8

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

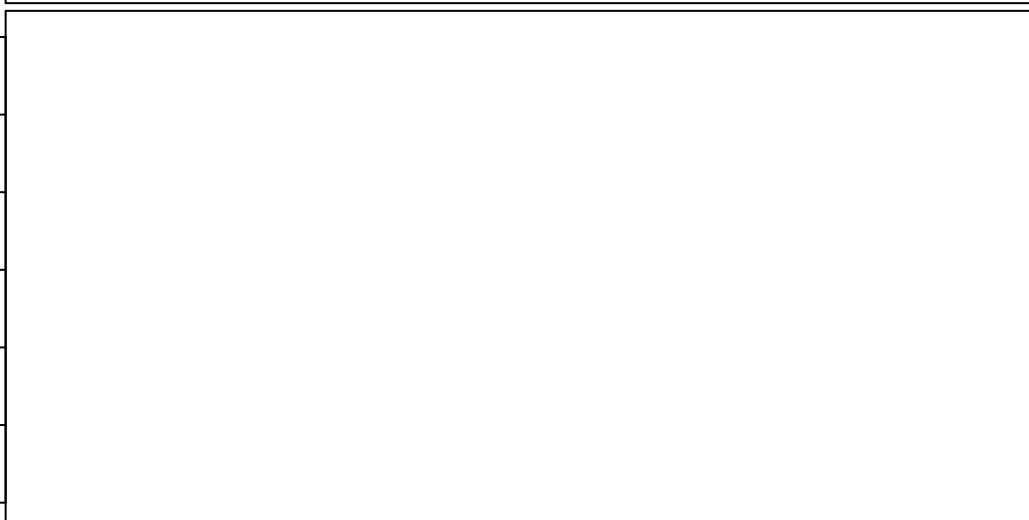
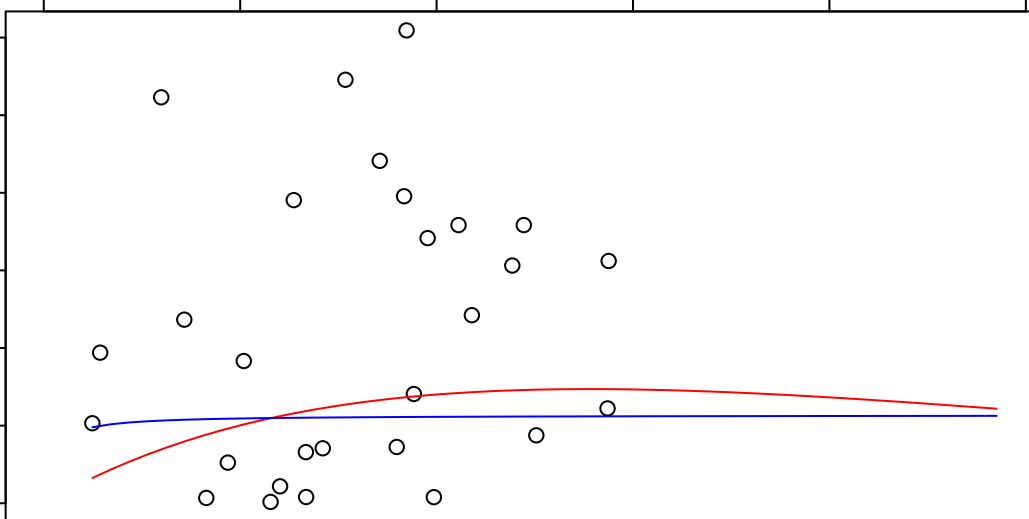
24.6

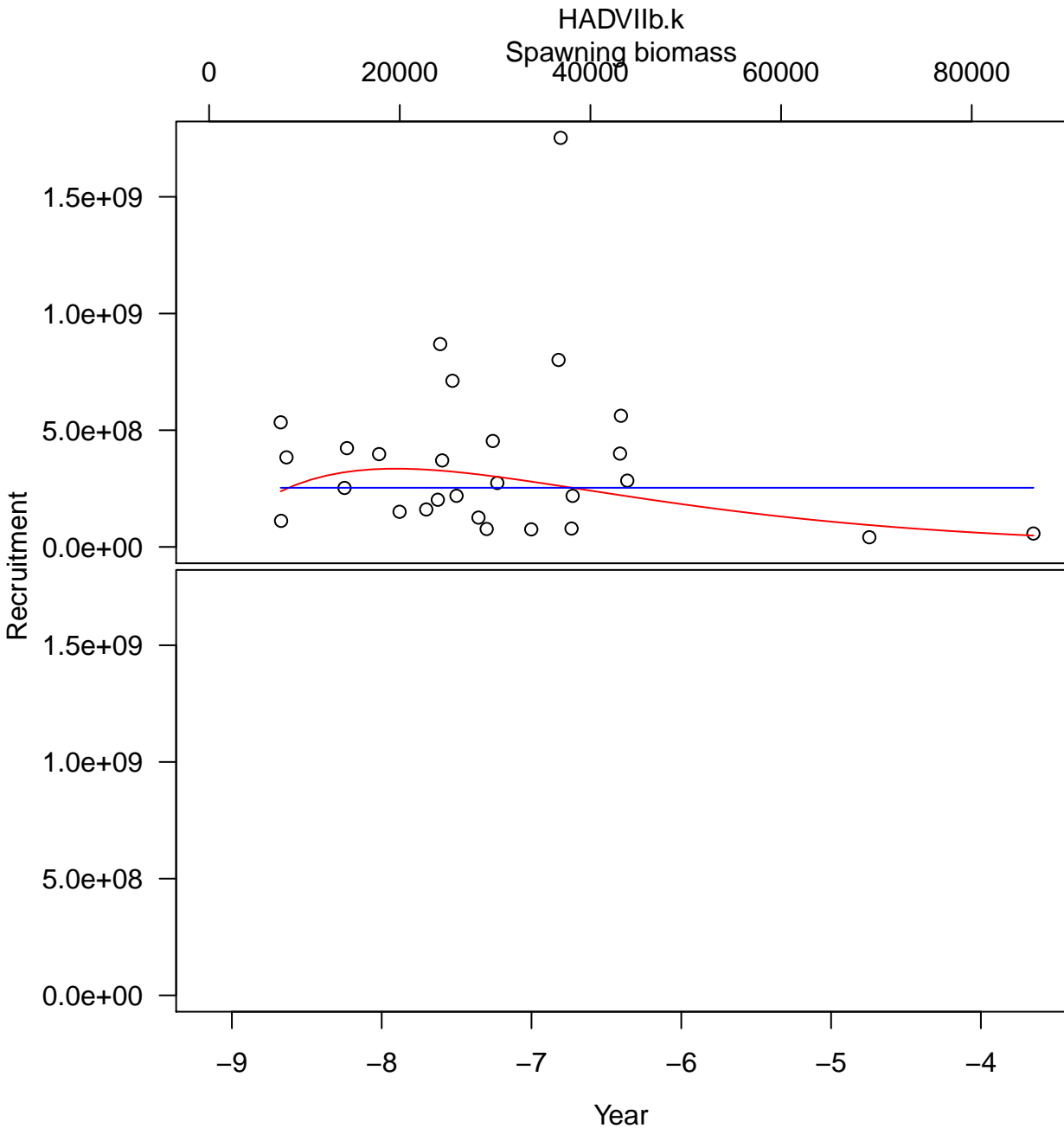
24.4

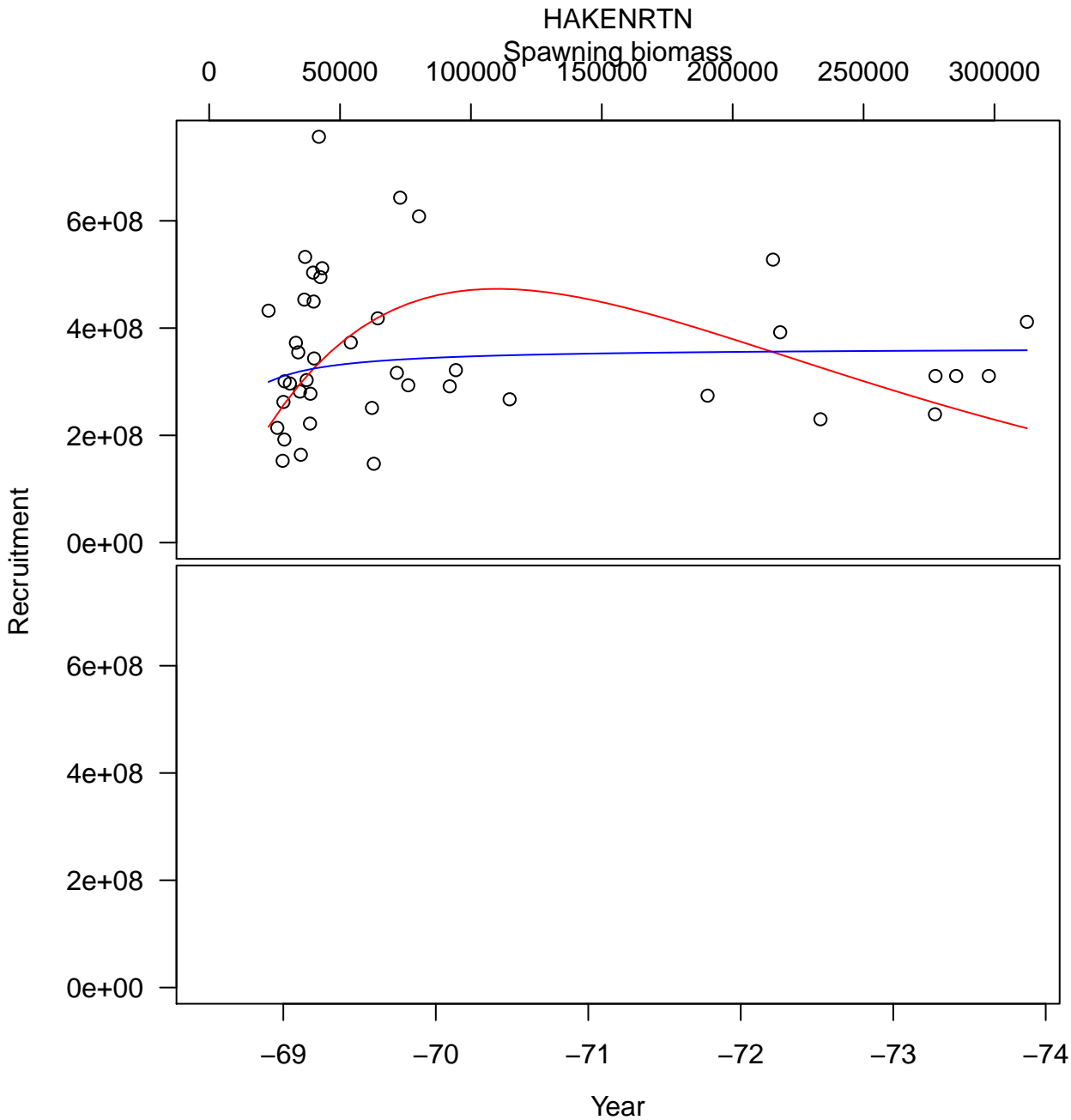
24.2

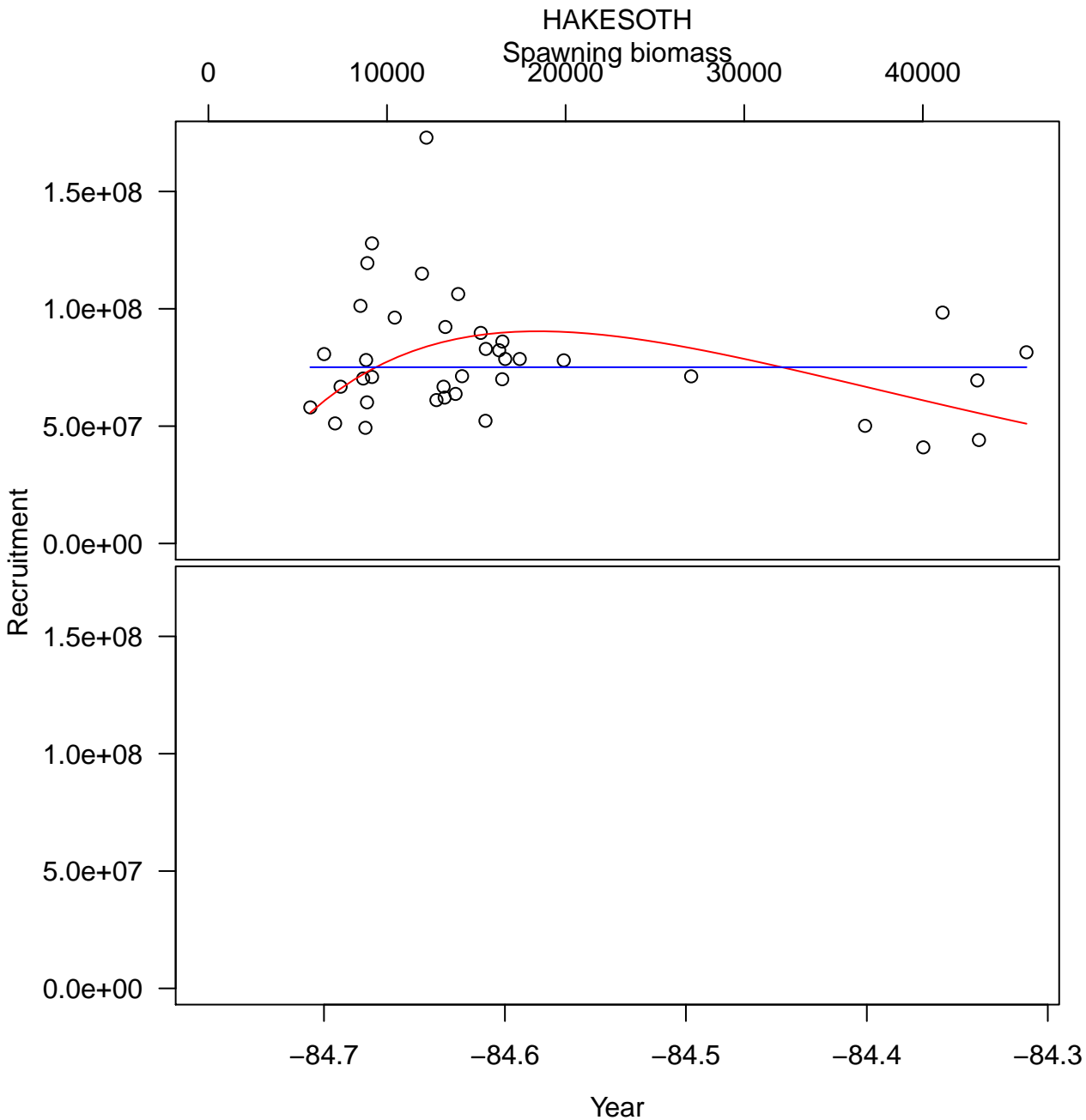
24.0

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

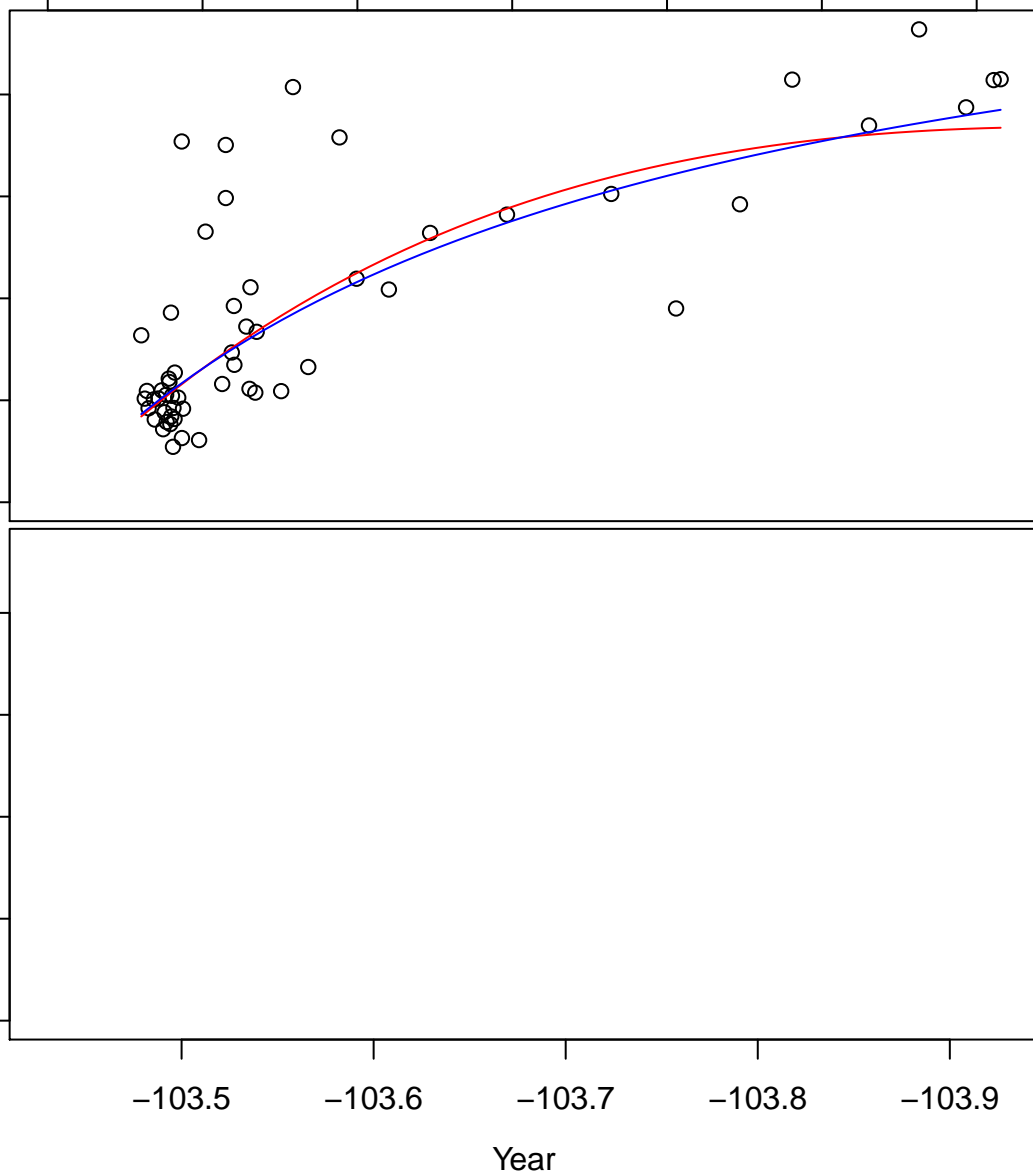
-103.6

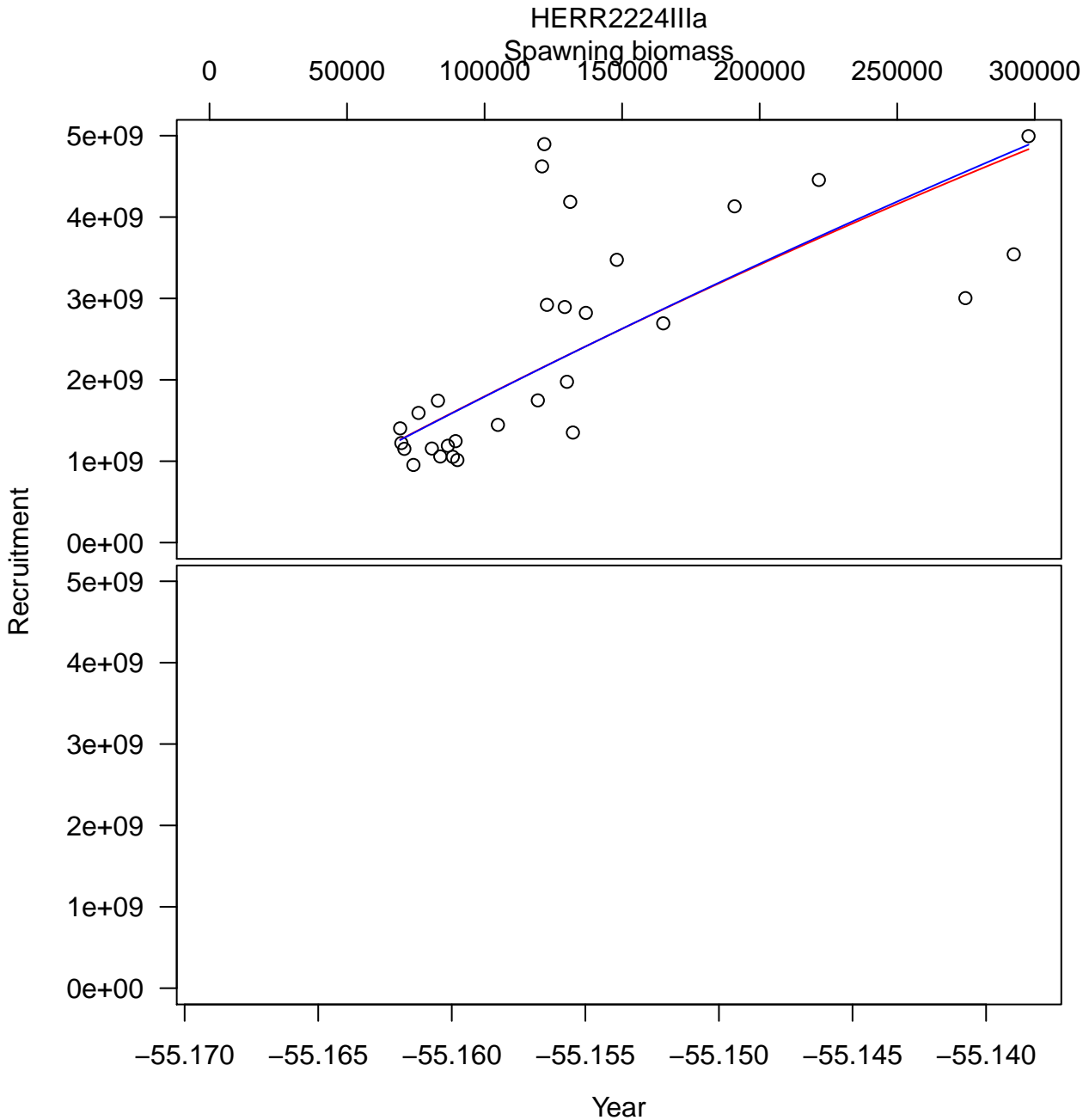
-103.7

-103.8

-103.9

Year





HERR2529.32

Spawning biomass

0

500000

1000000

1500000

Recruitment

4e+10

3e+10

2e+10

1e+10

0e+00

4e+10

3e+10

2e+10

1e+10

0e+00

-94.54

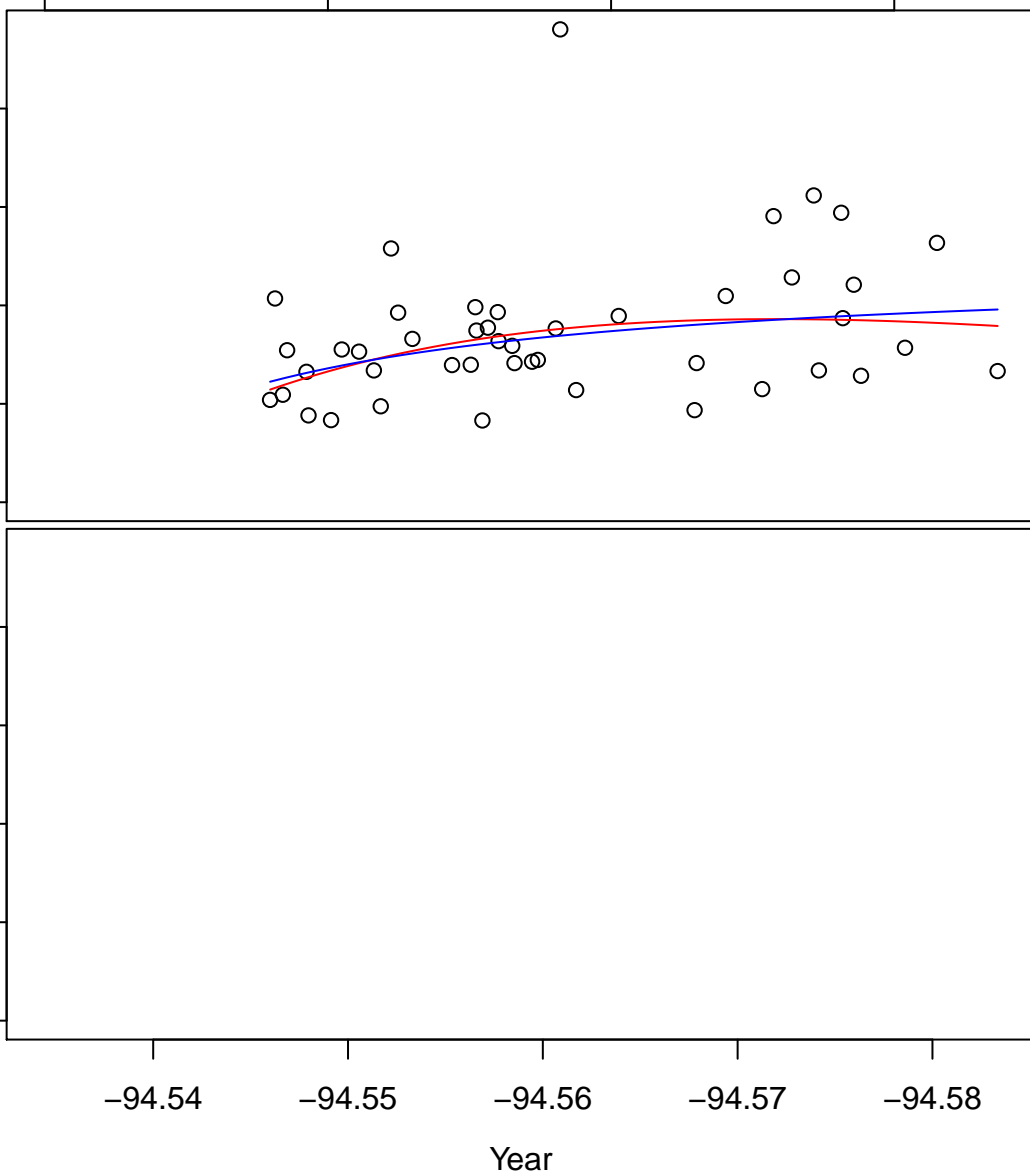
-94.55

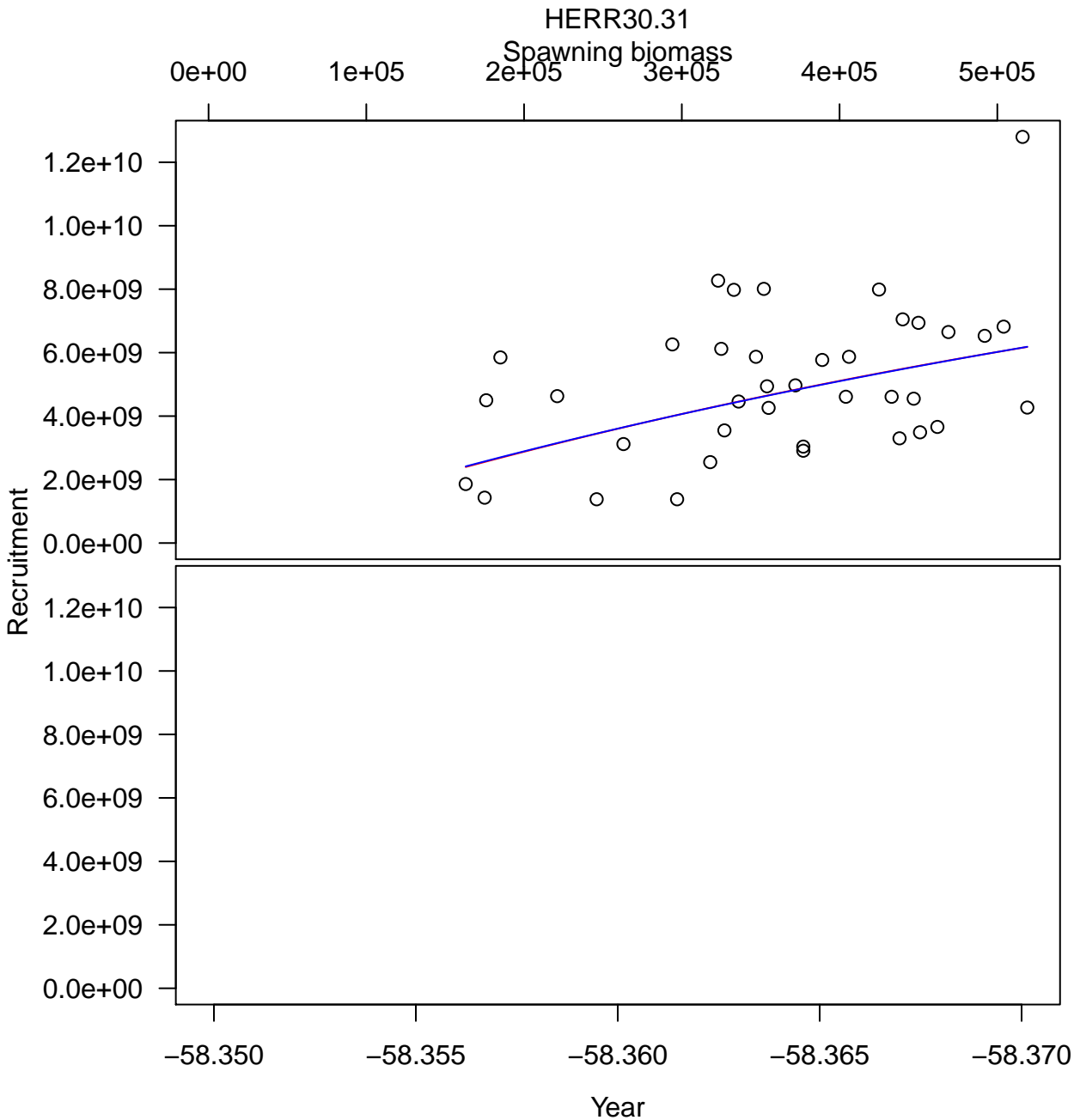
-94.56

-94.57

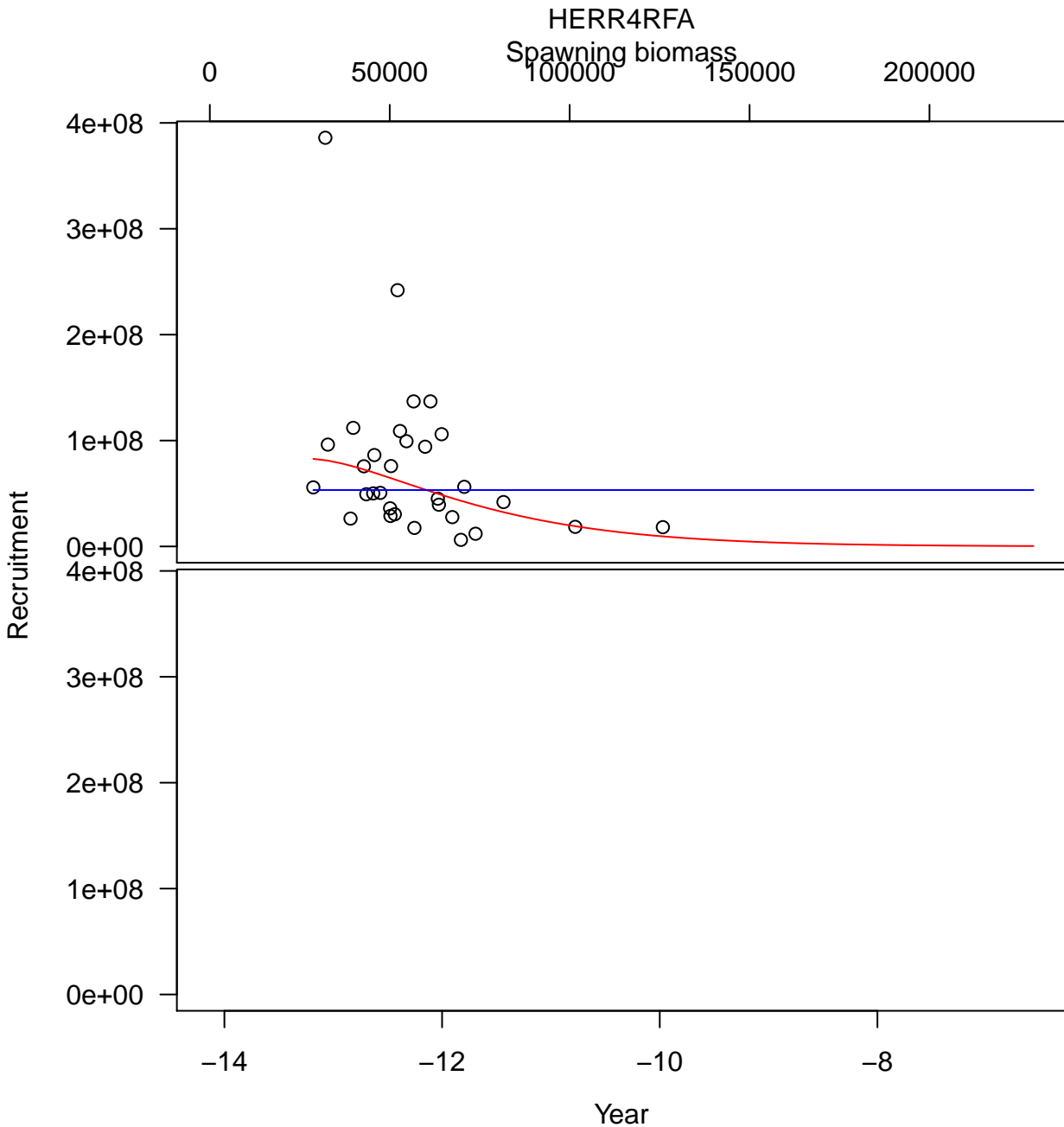
-94.58

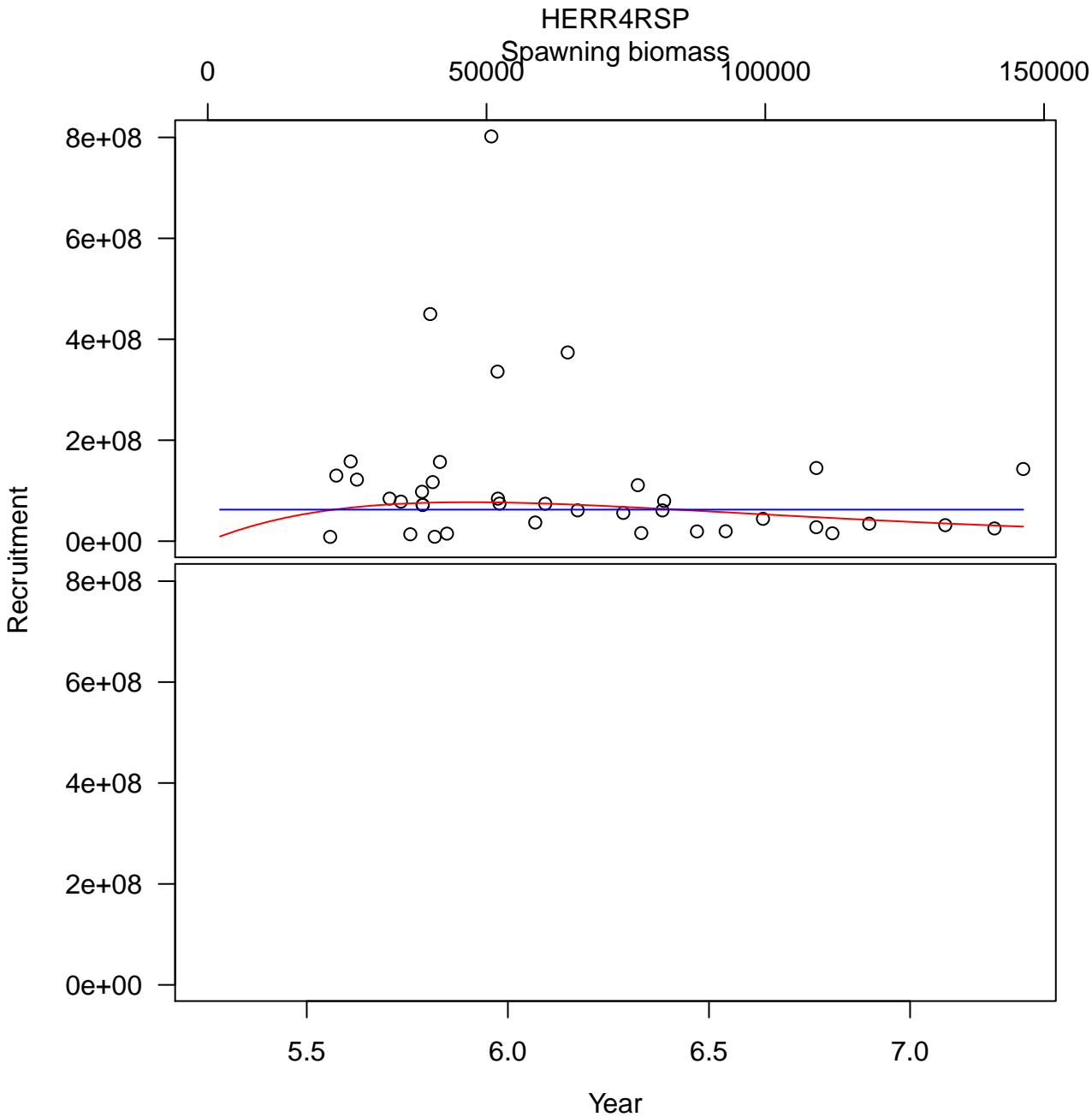
Year

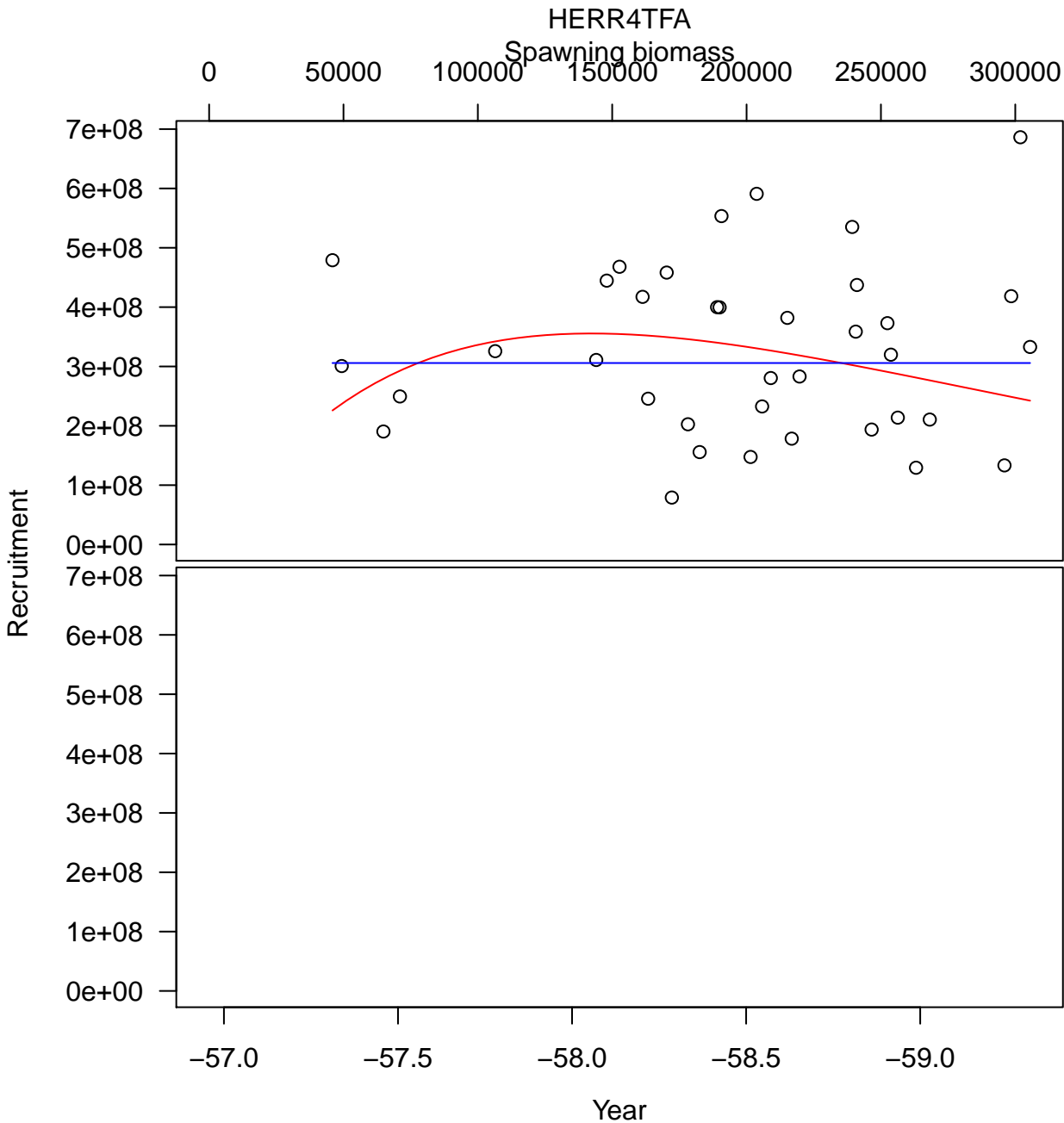


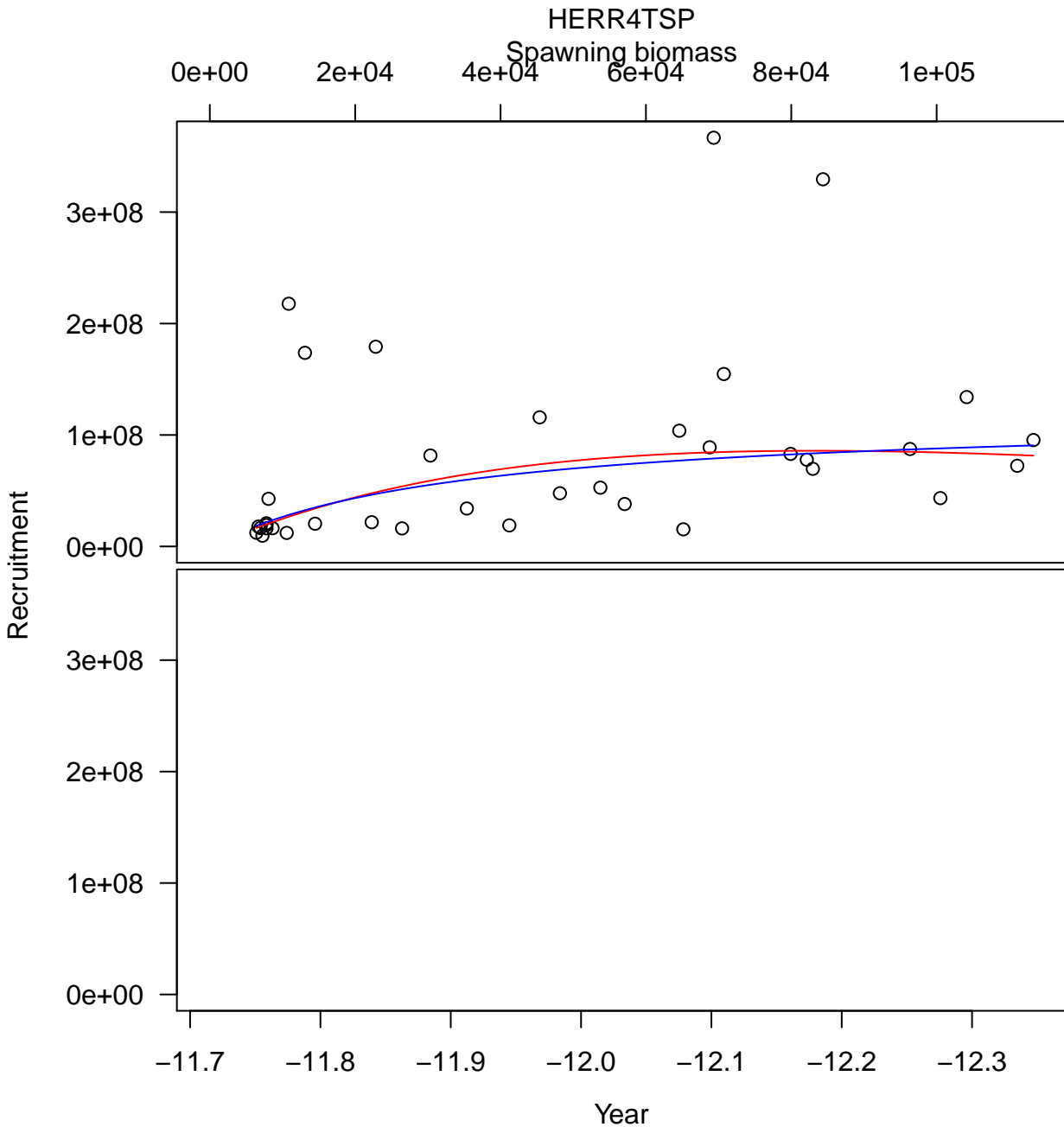


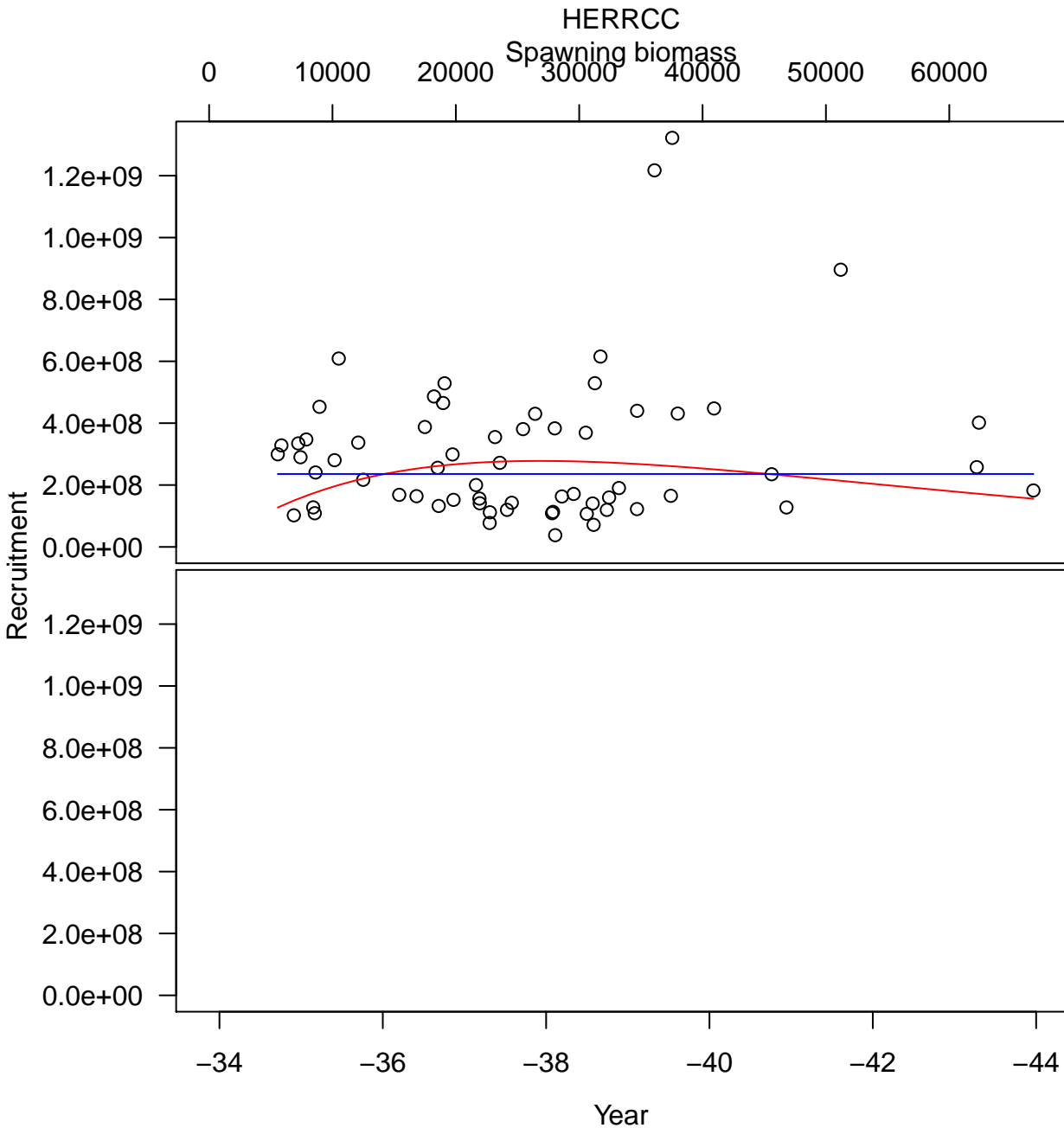


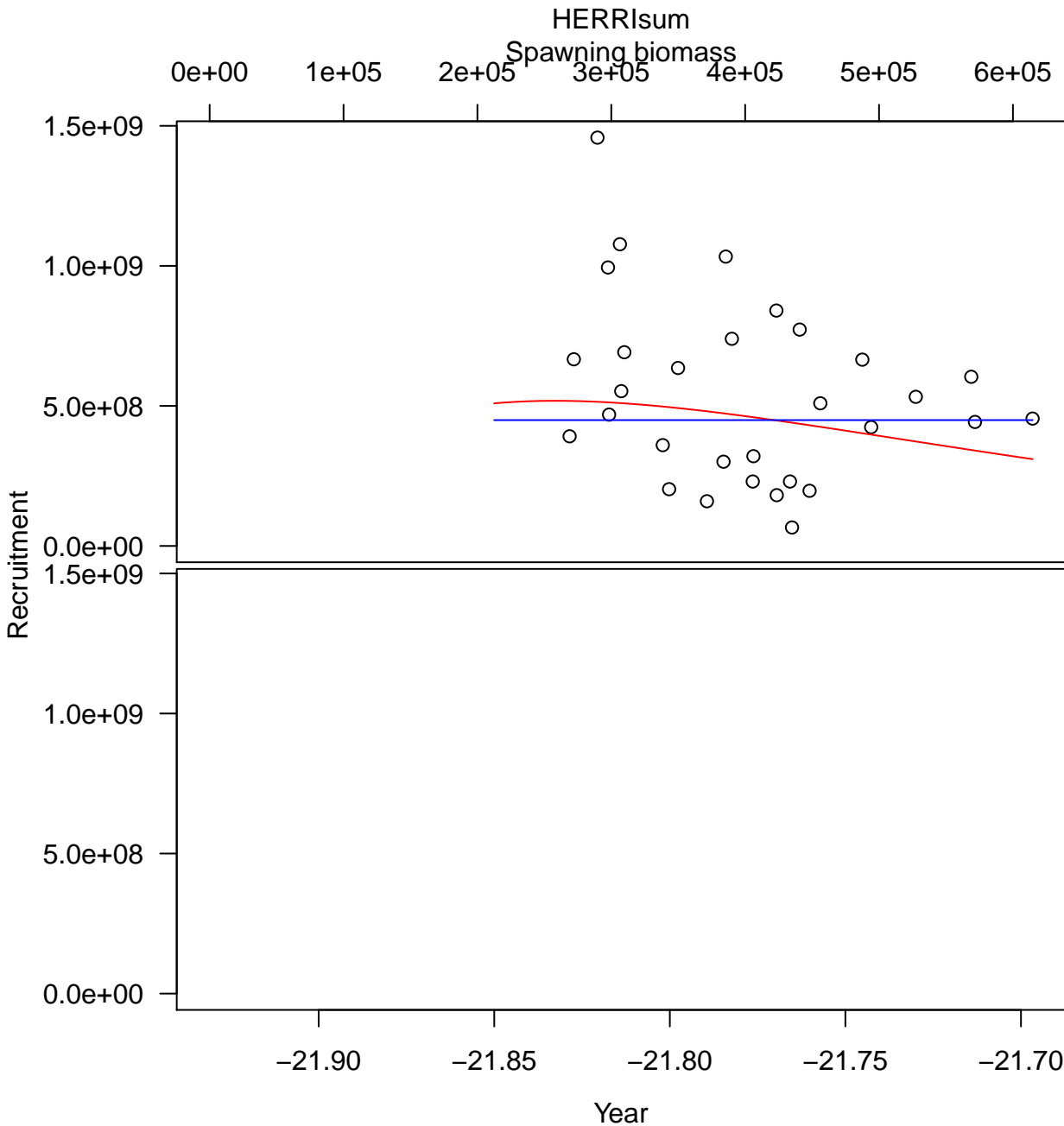


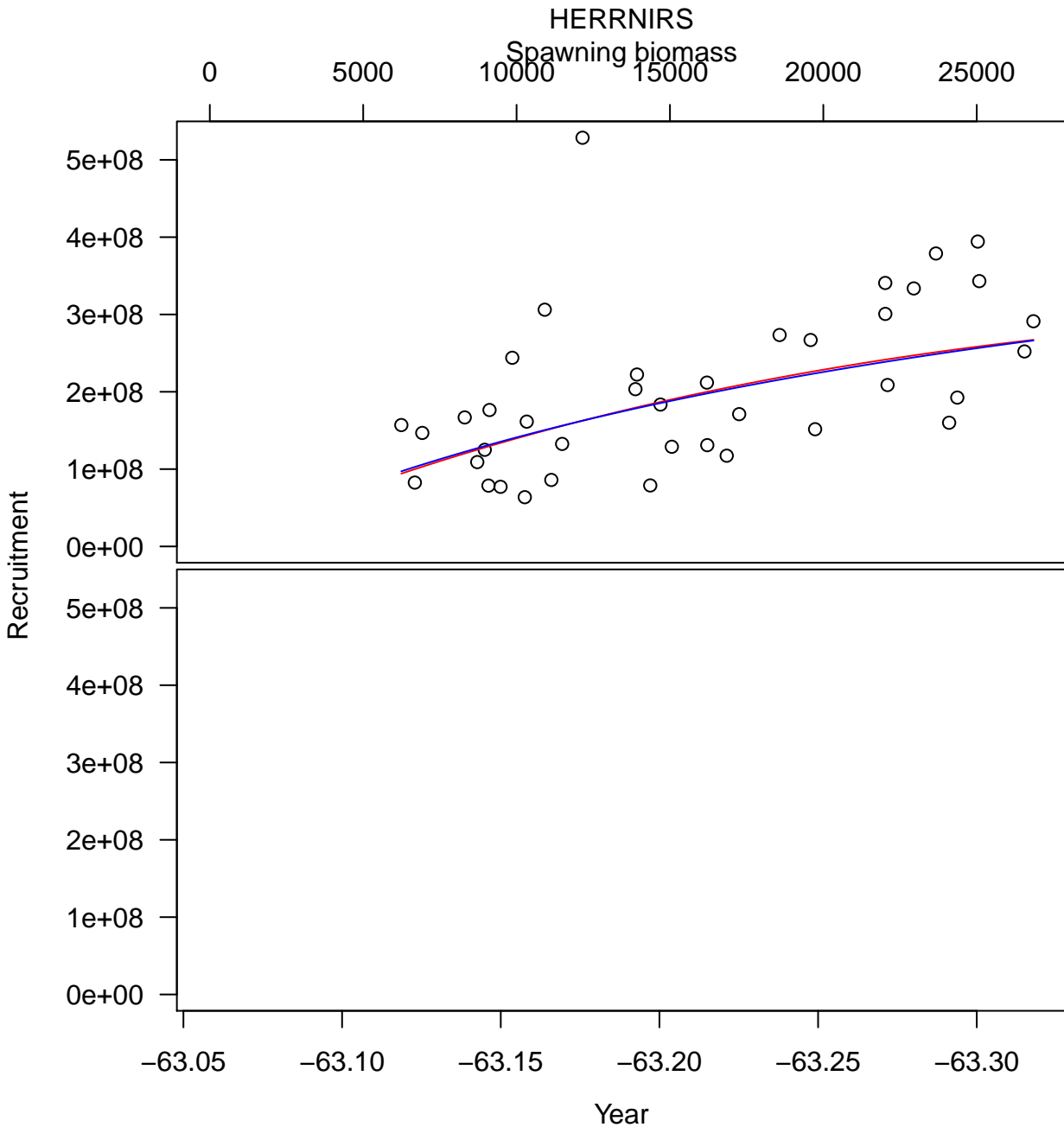


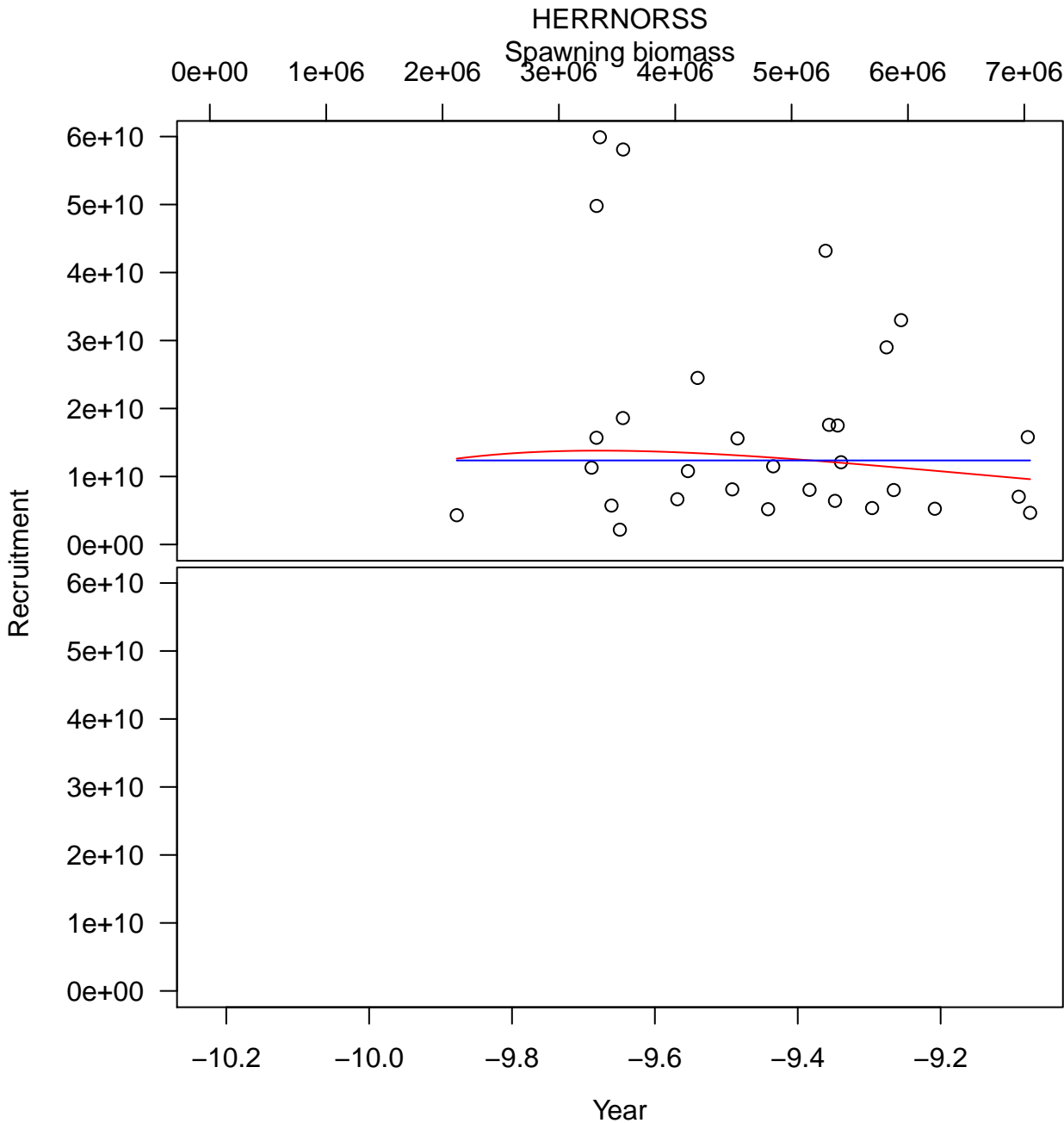














HERRNS.IIIa.VIId  
Spawning biomass

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

-101.6

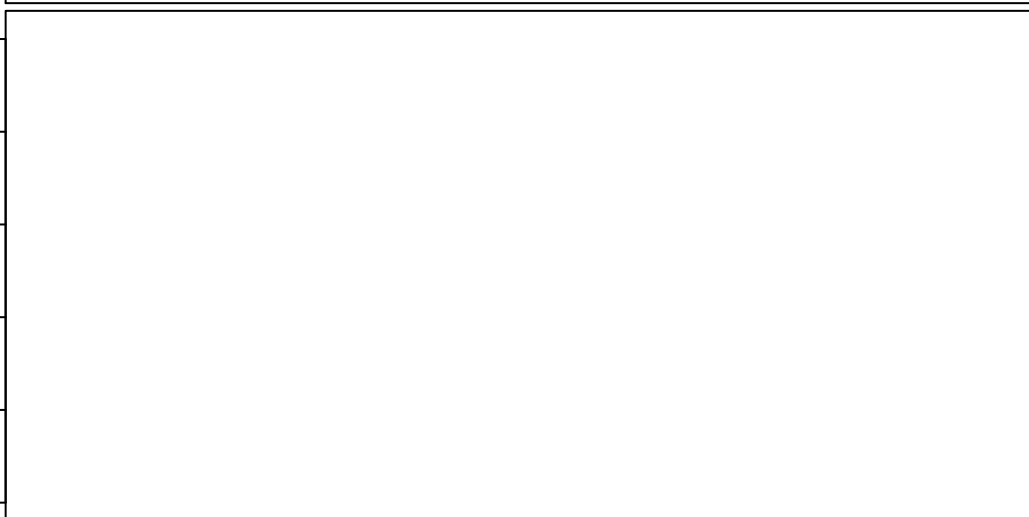
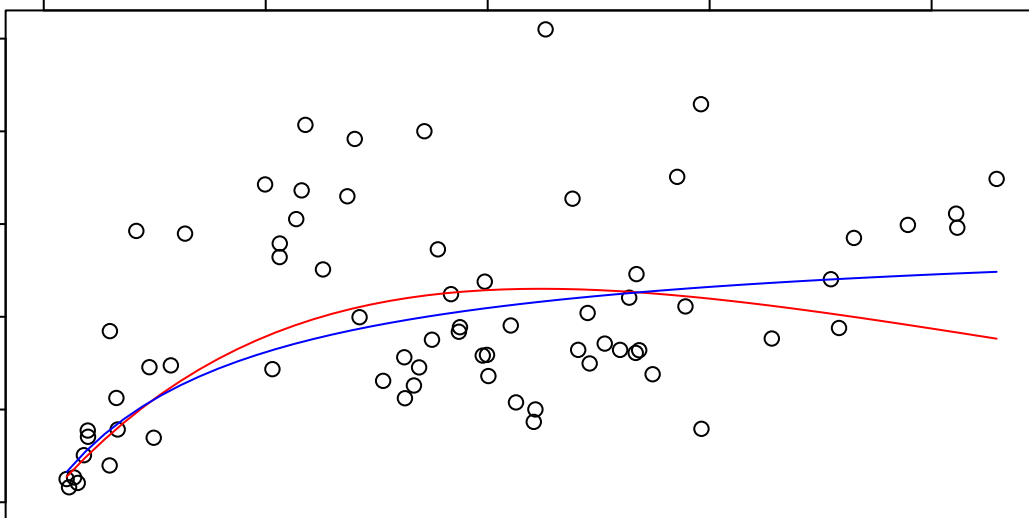
-101.8

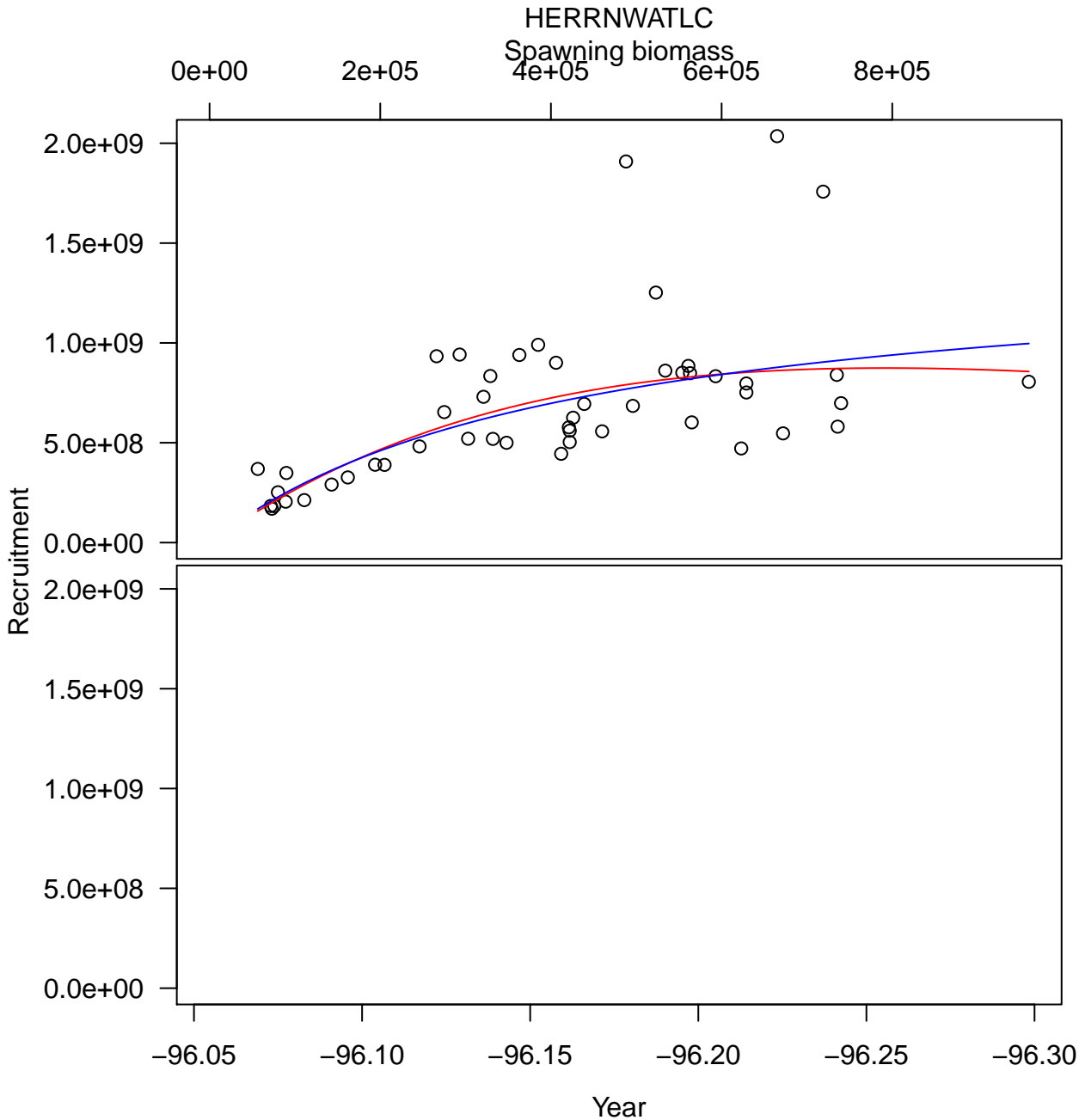
-102.0

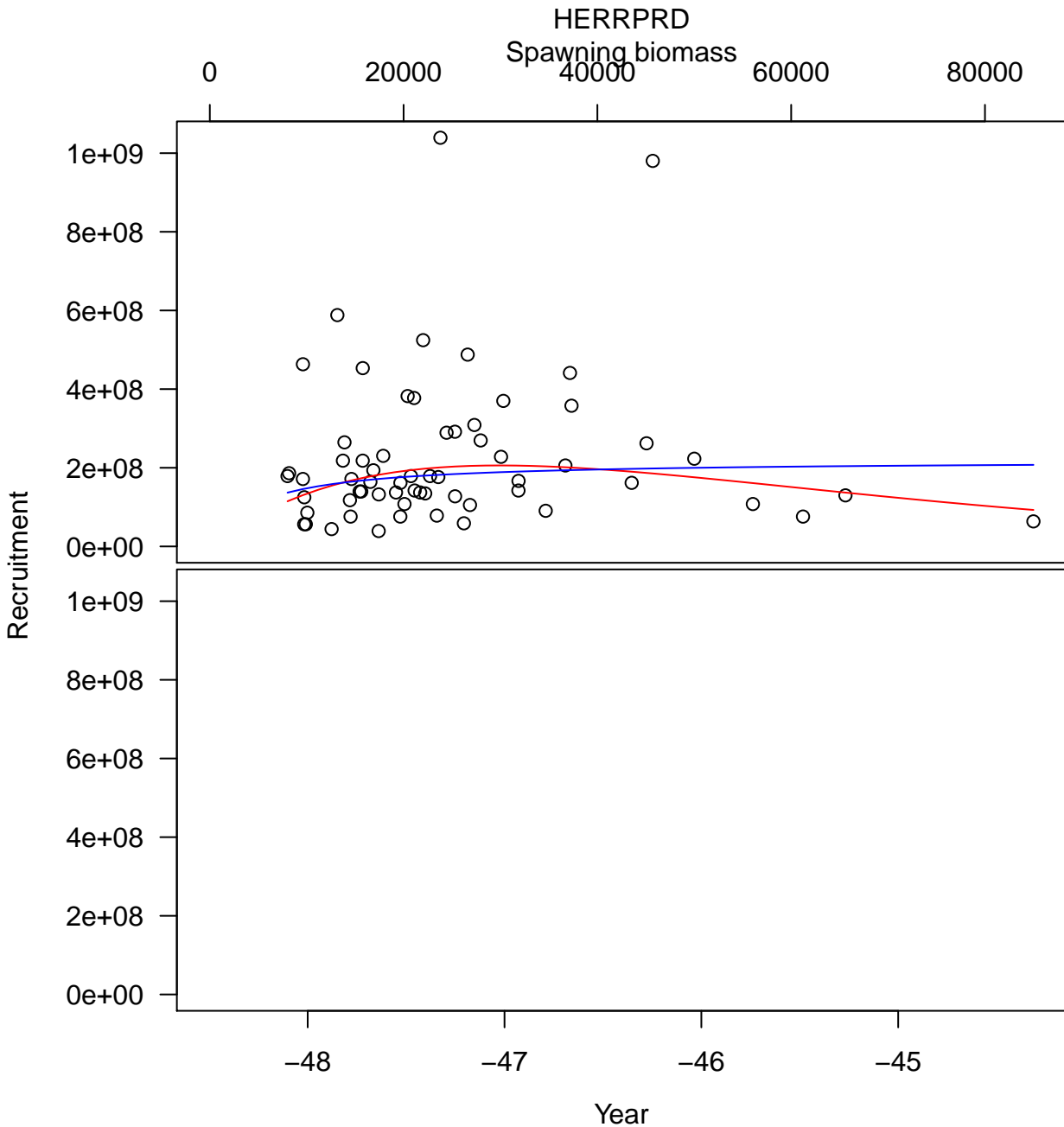
-102.2

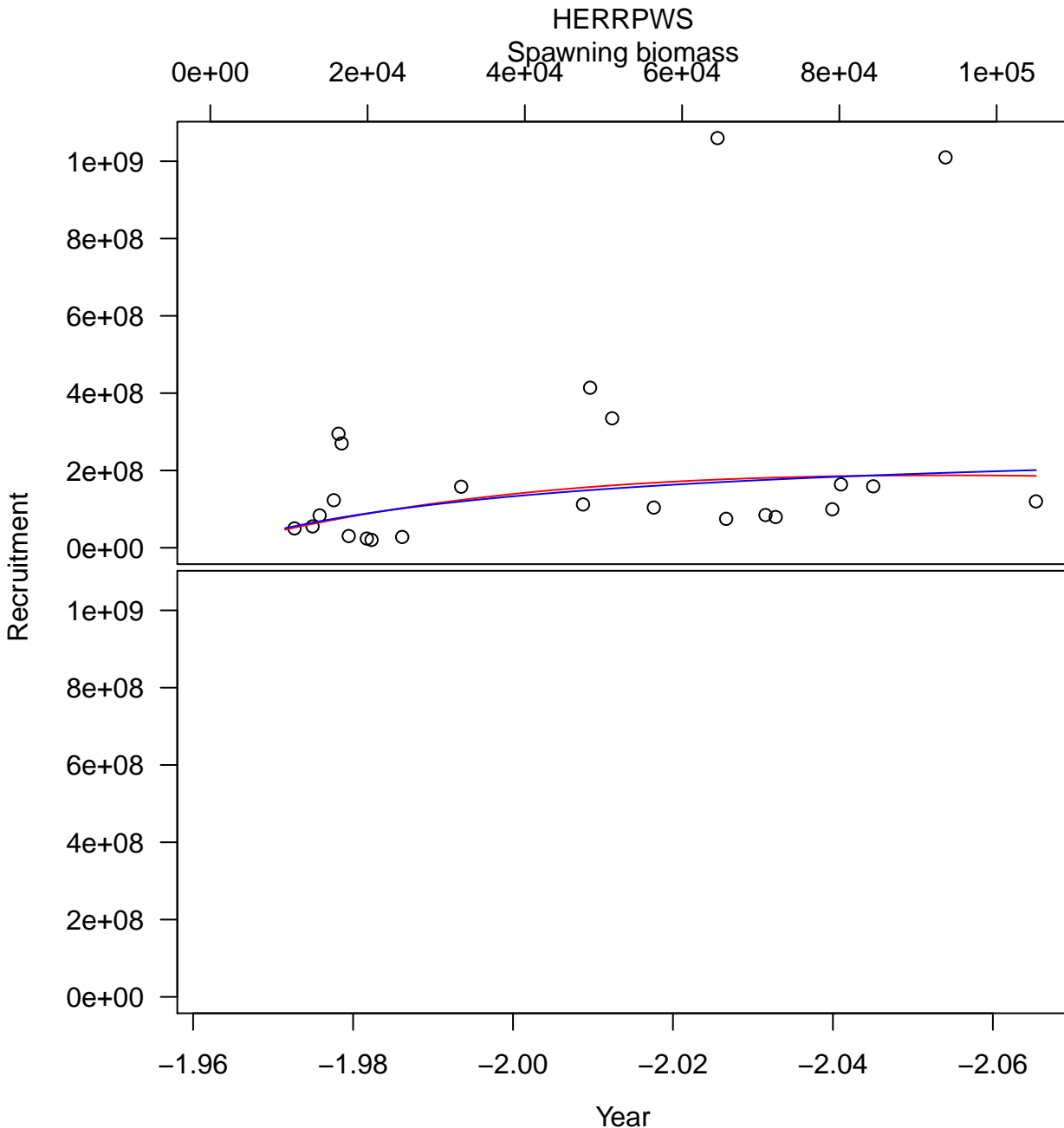
-102.4

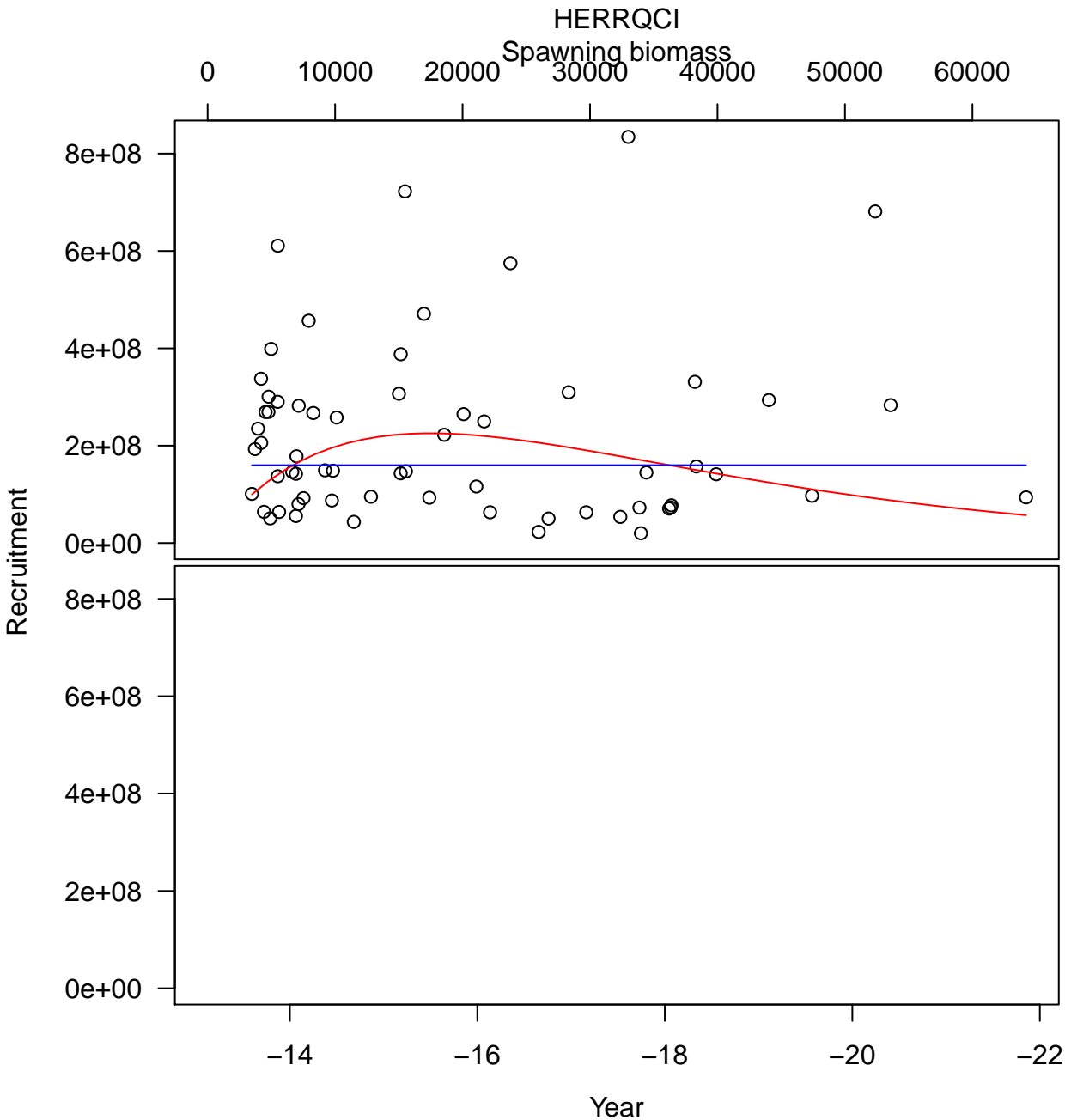
Year

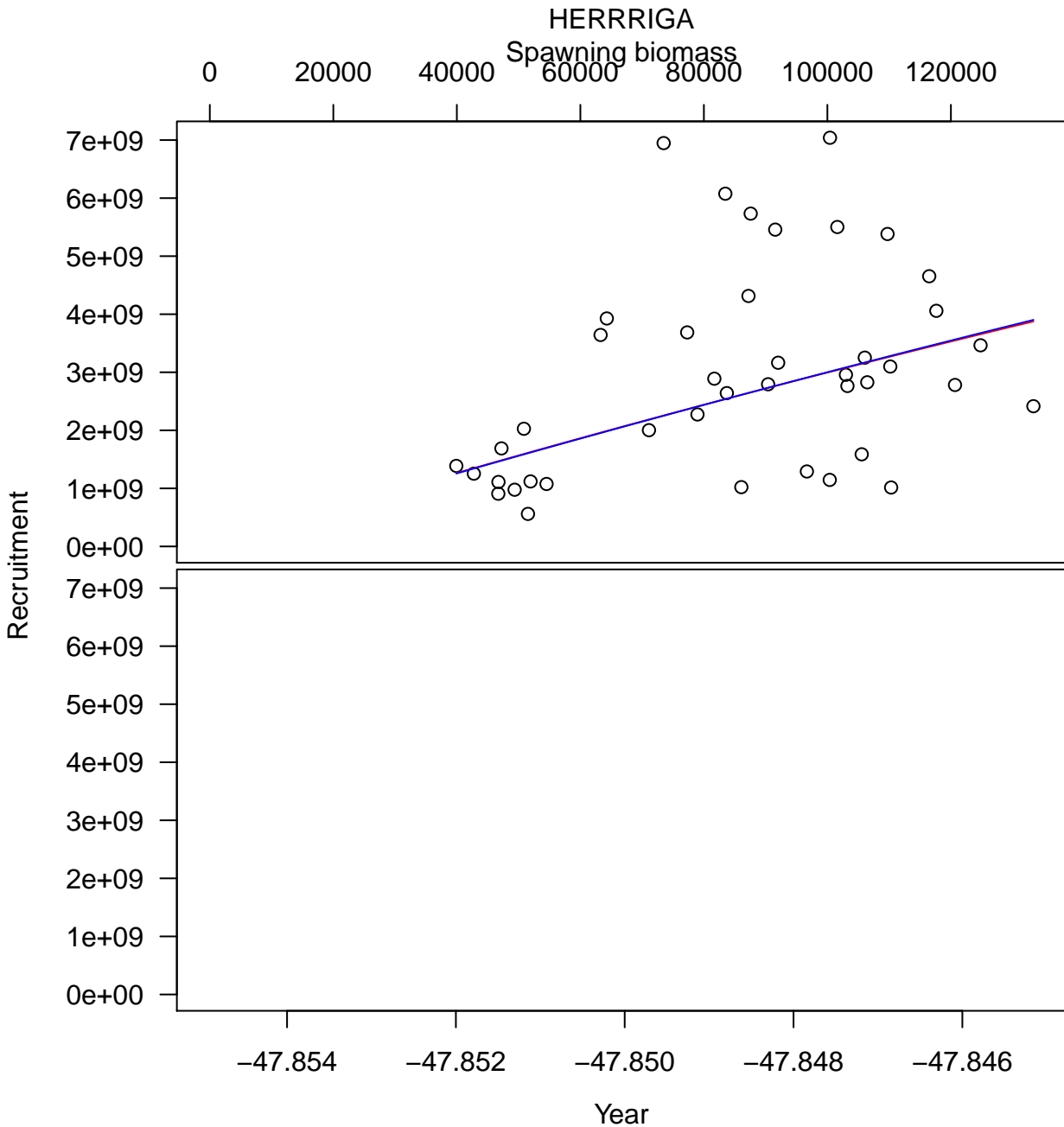


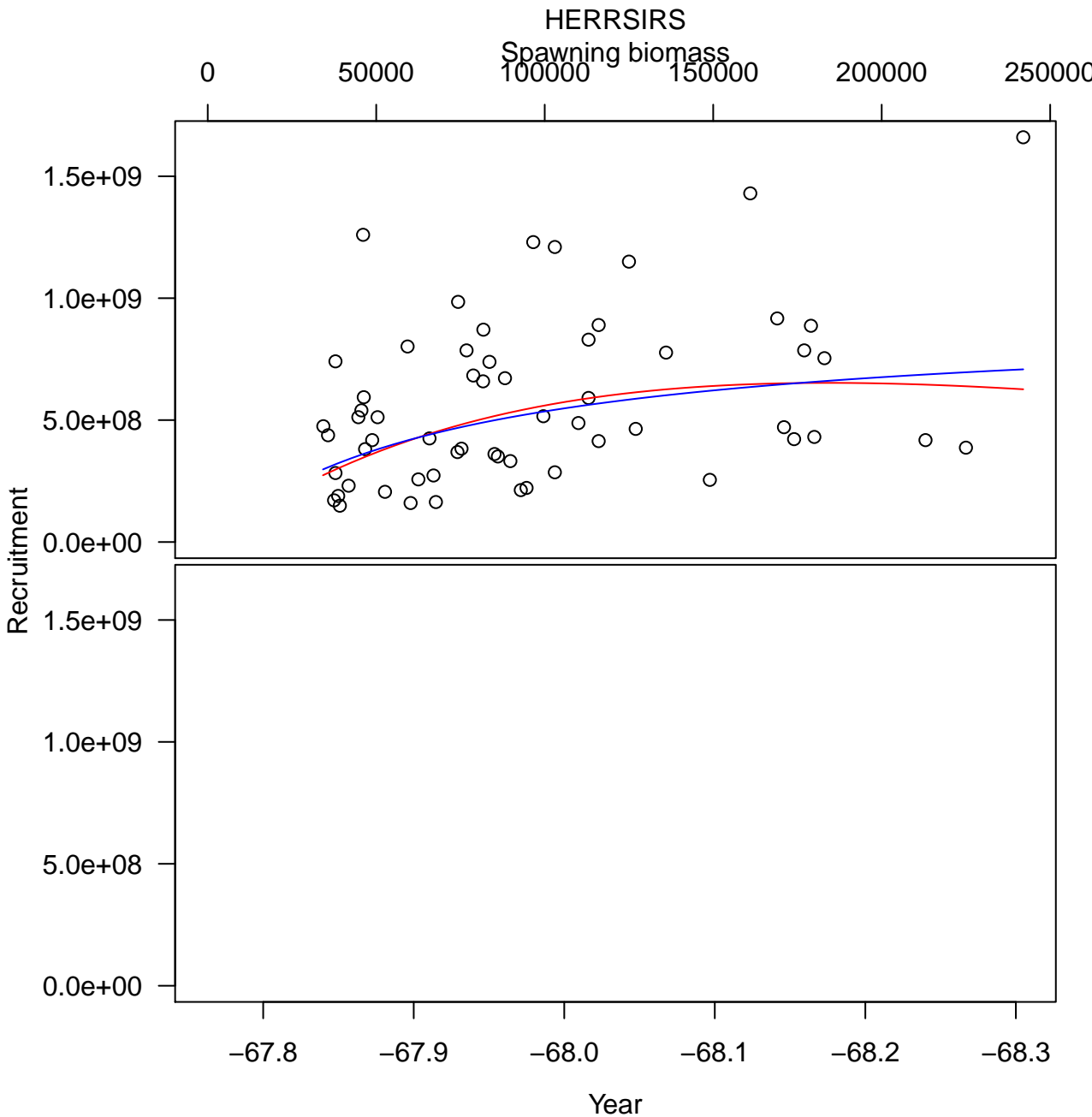


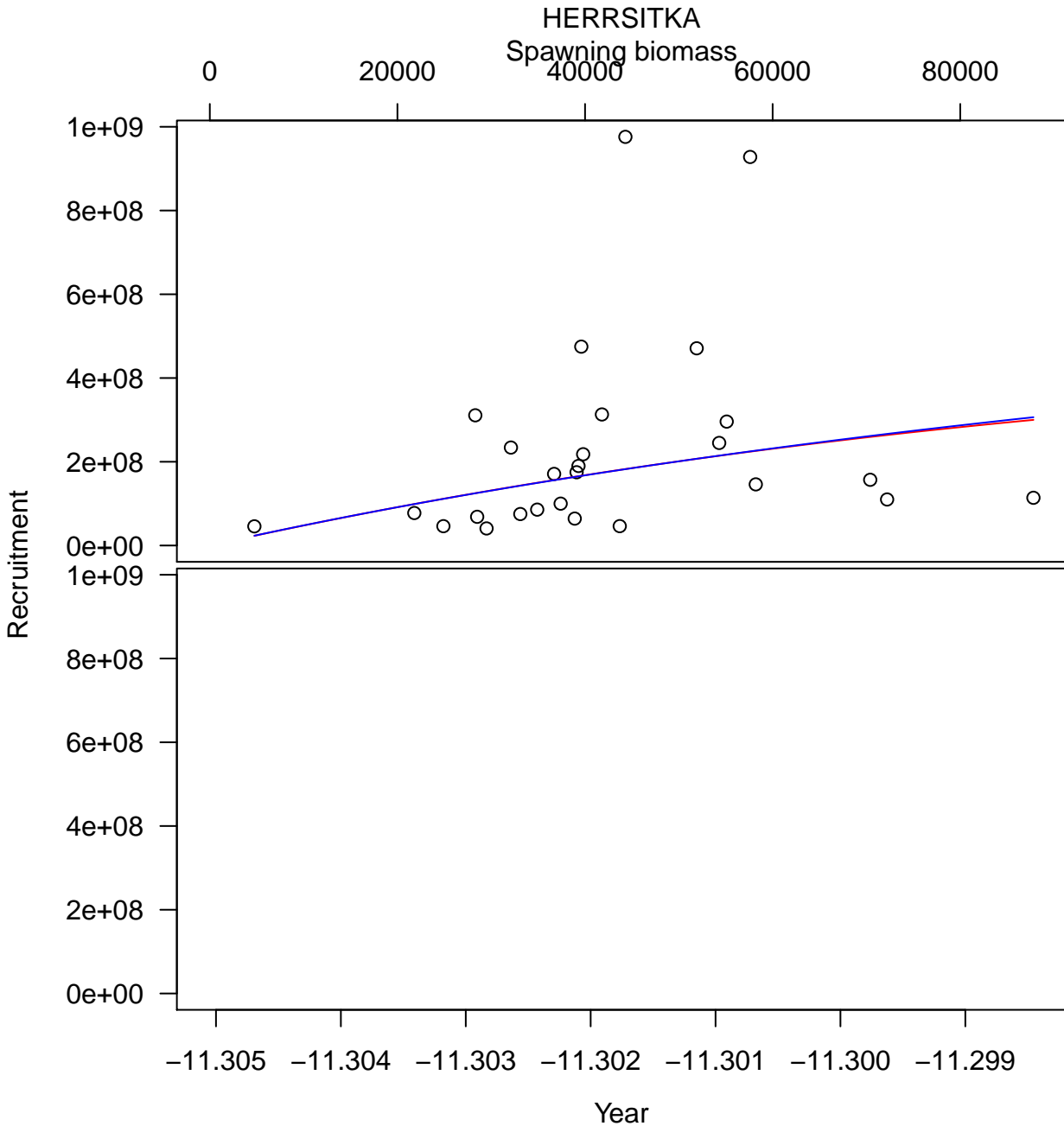




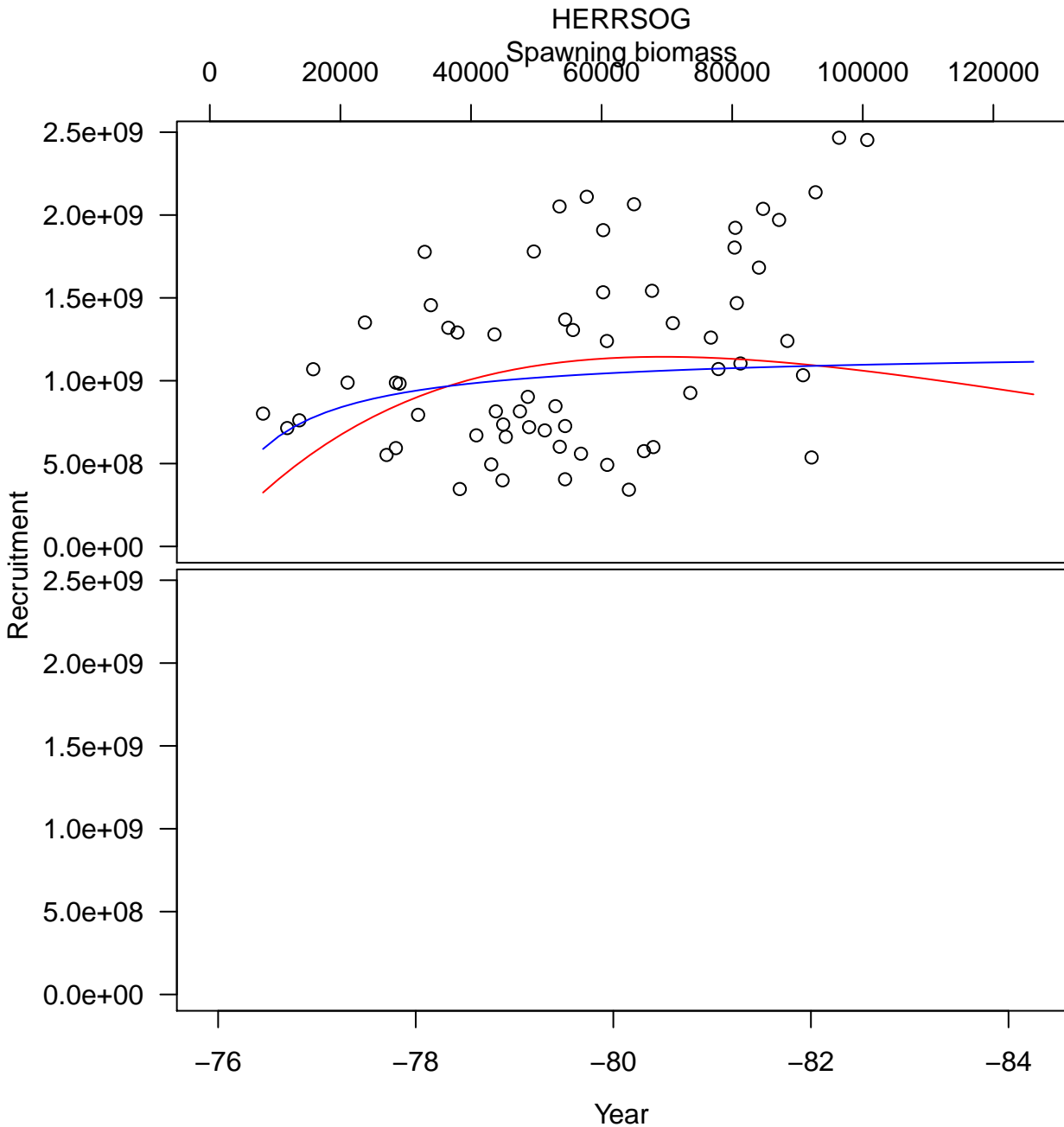


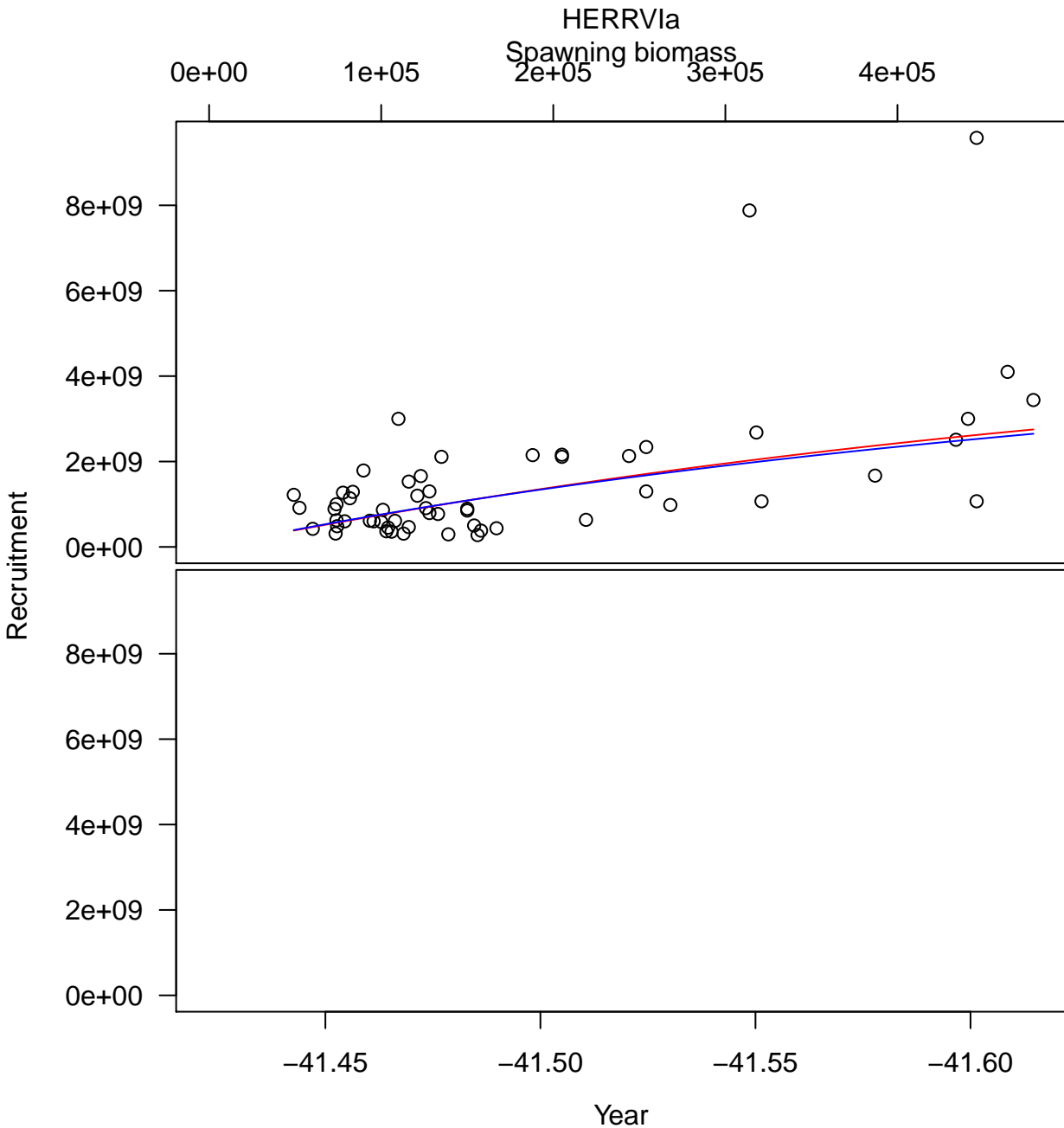


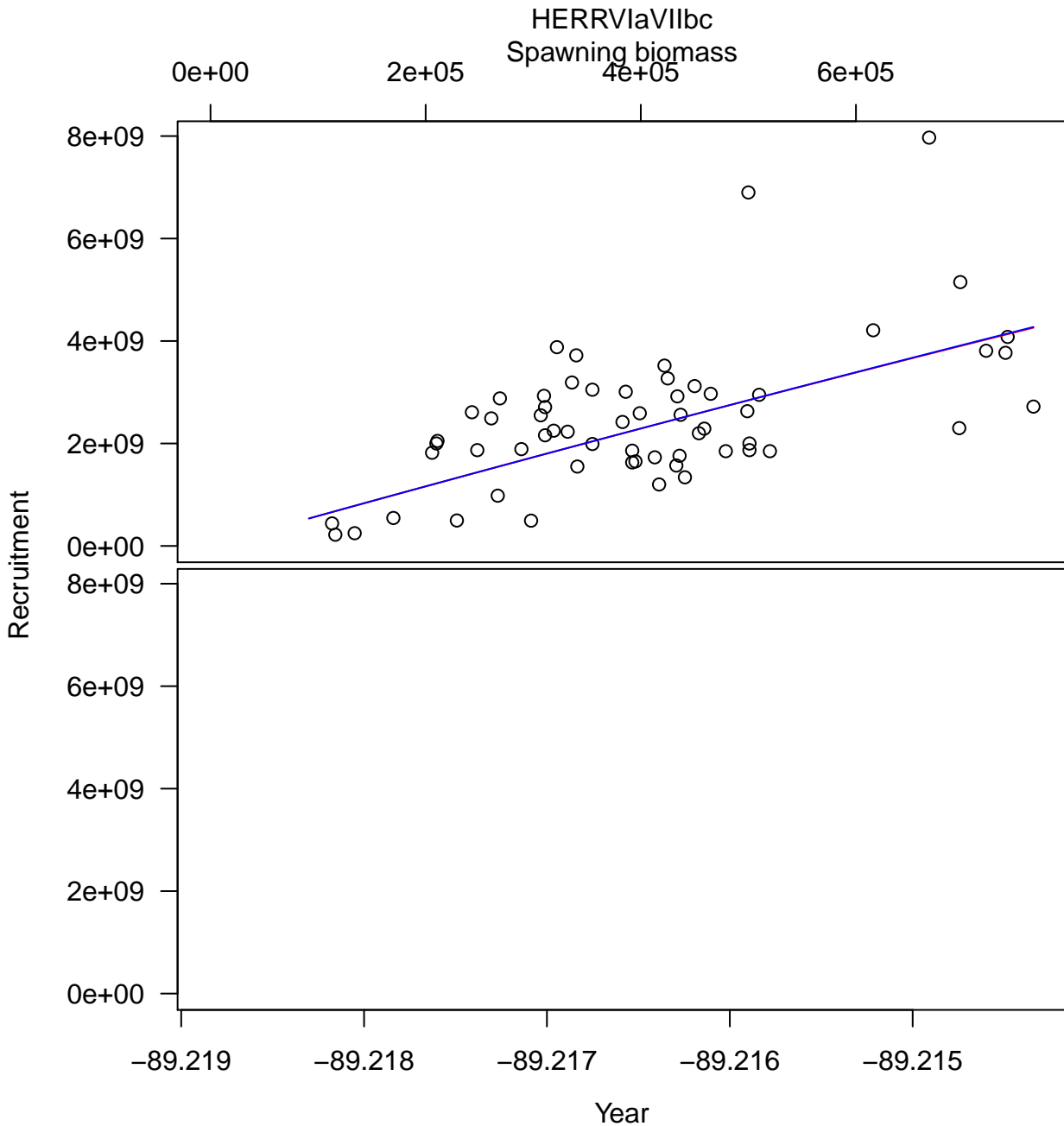


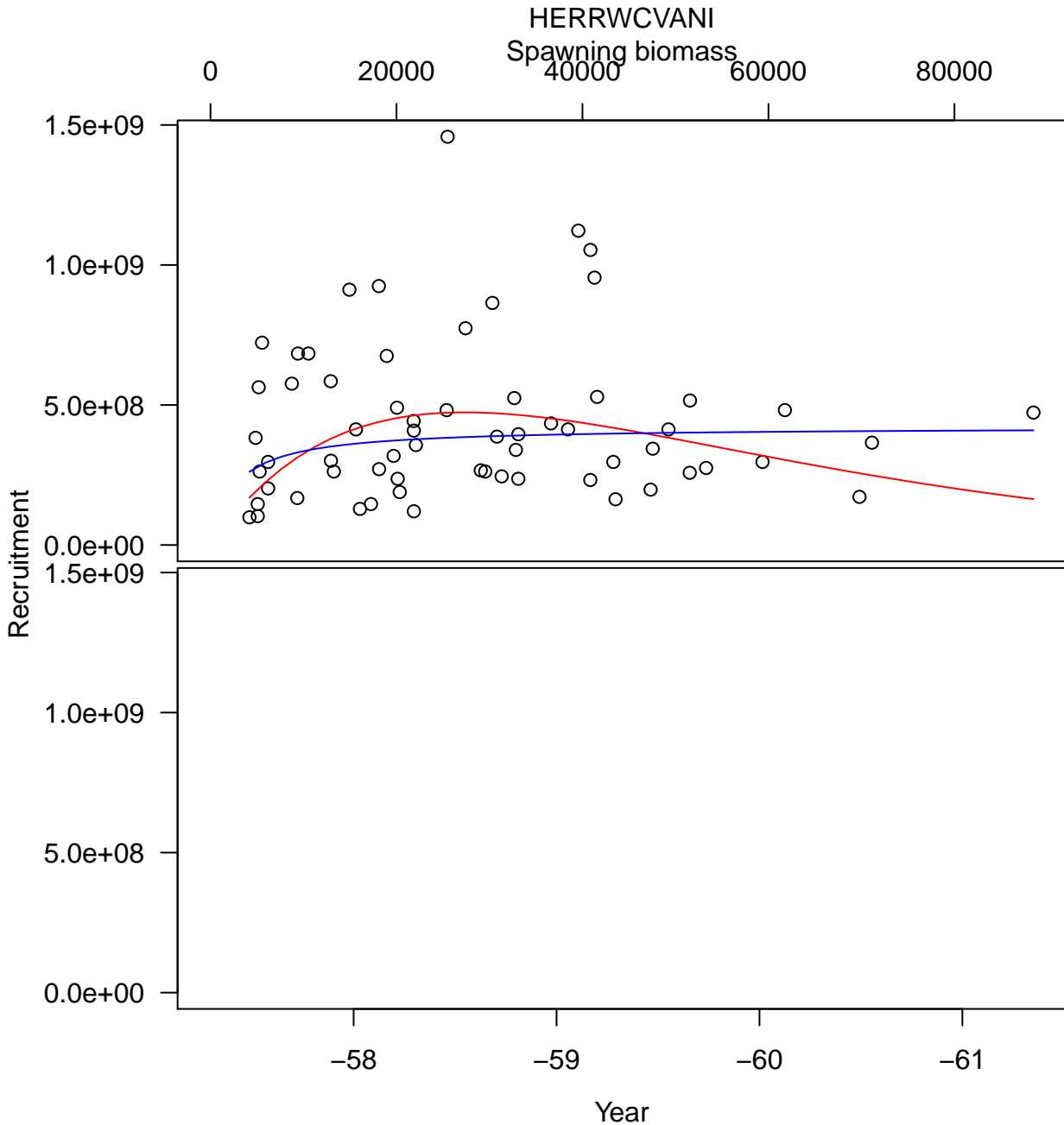












HMACKIIa.IVa.Vb.VIa.VII.VIII

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

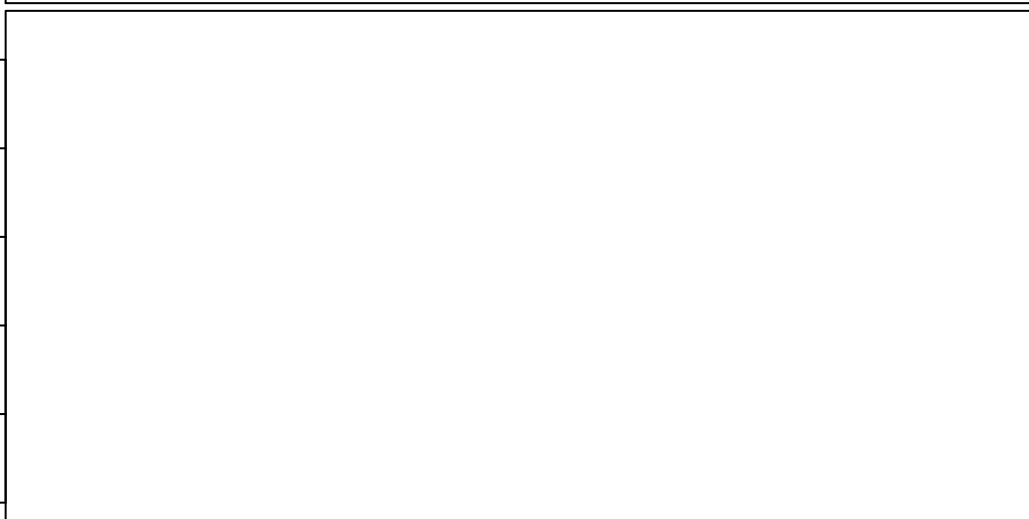
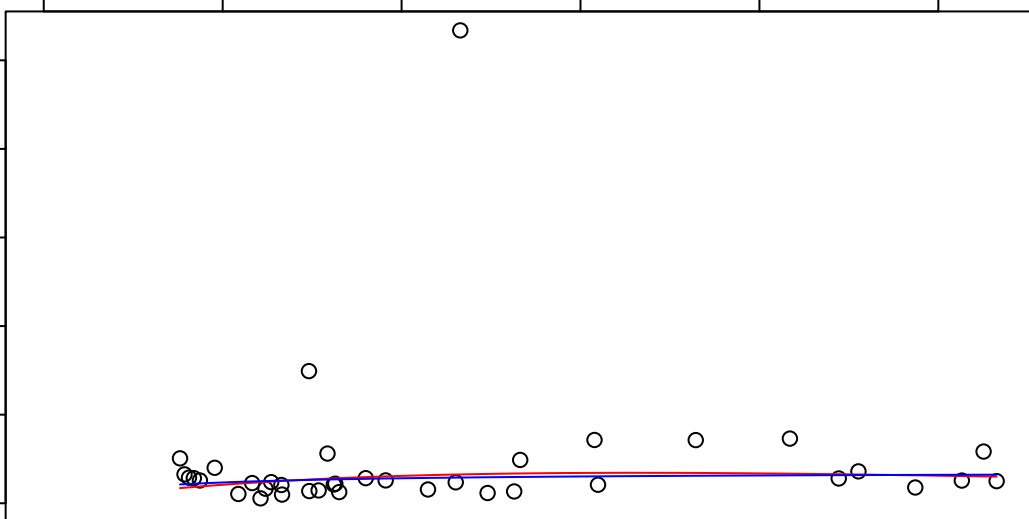
-13.8

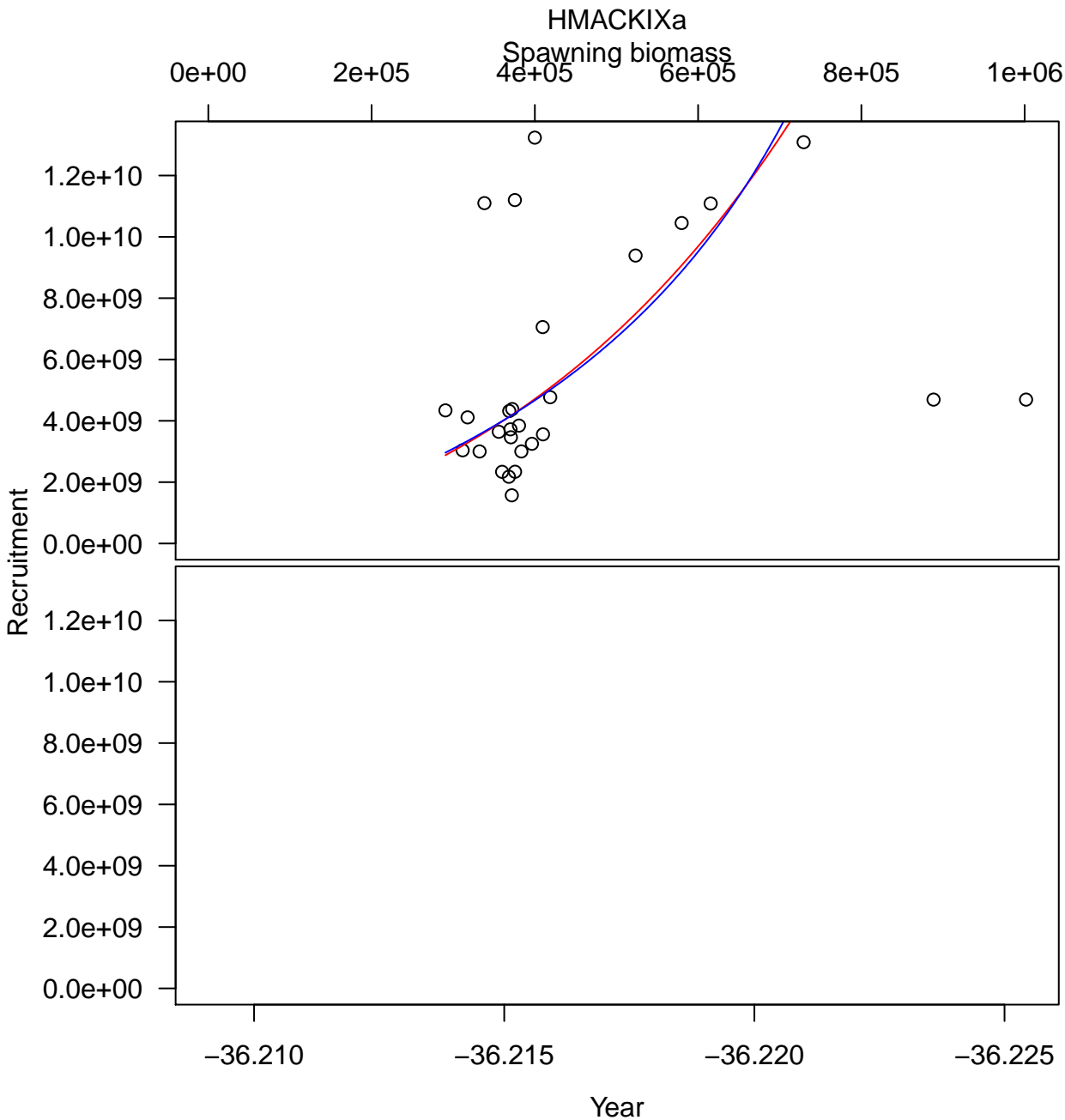
-14.0

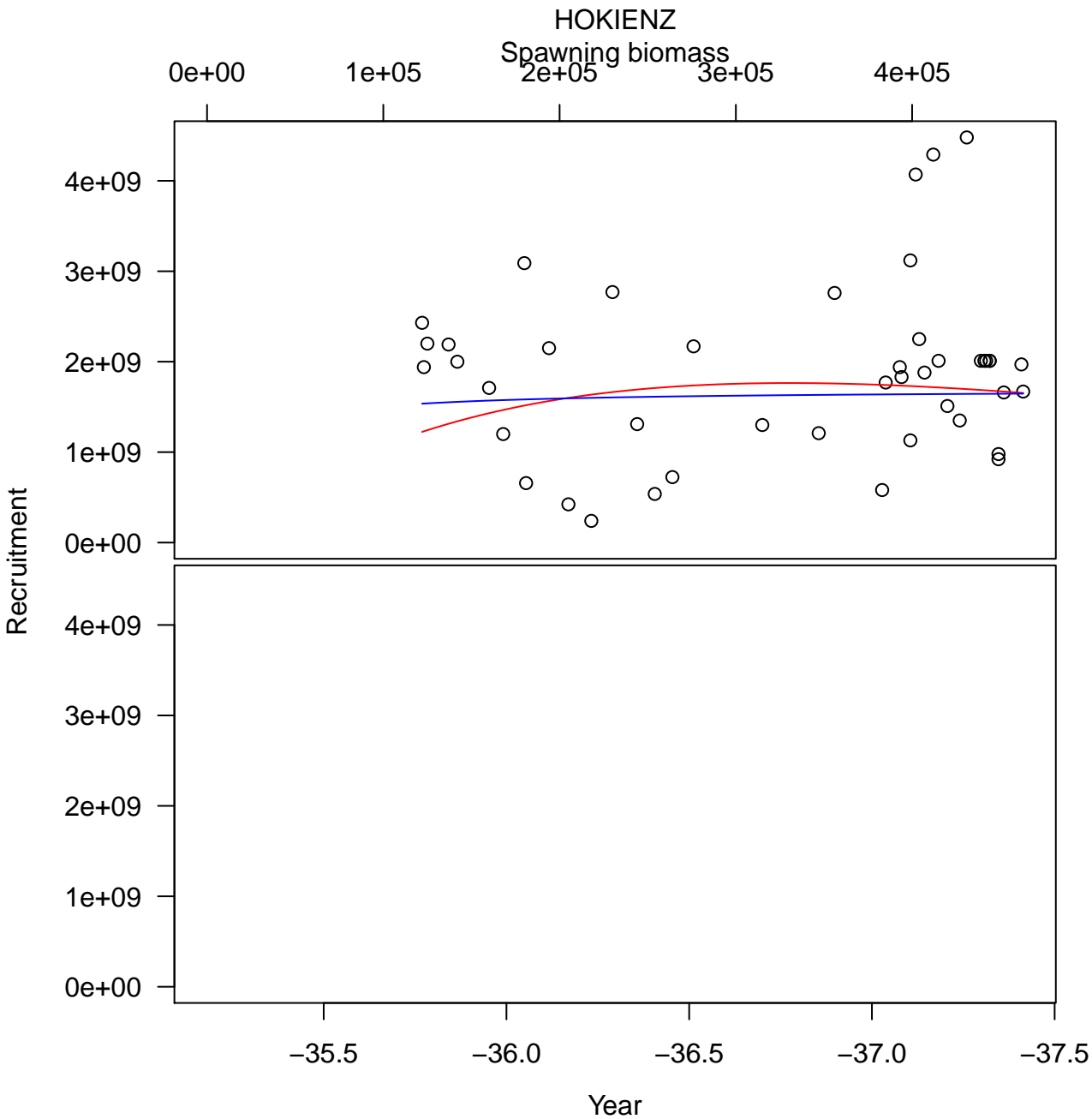
-14.2

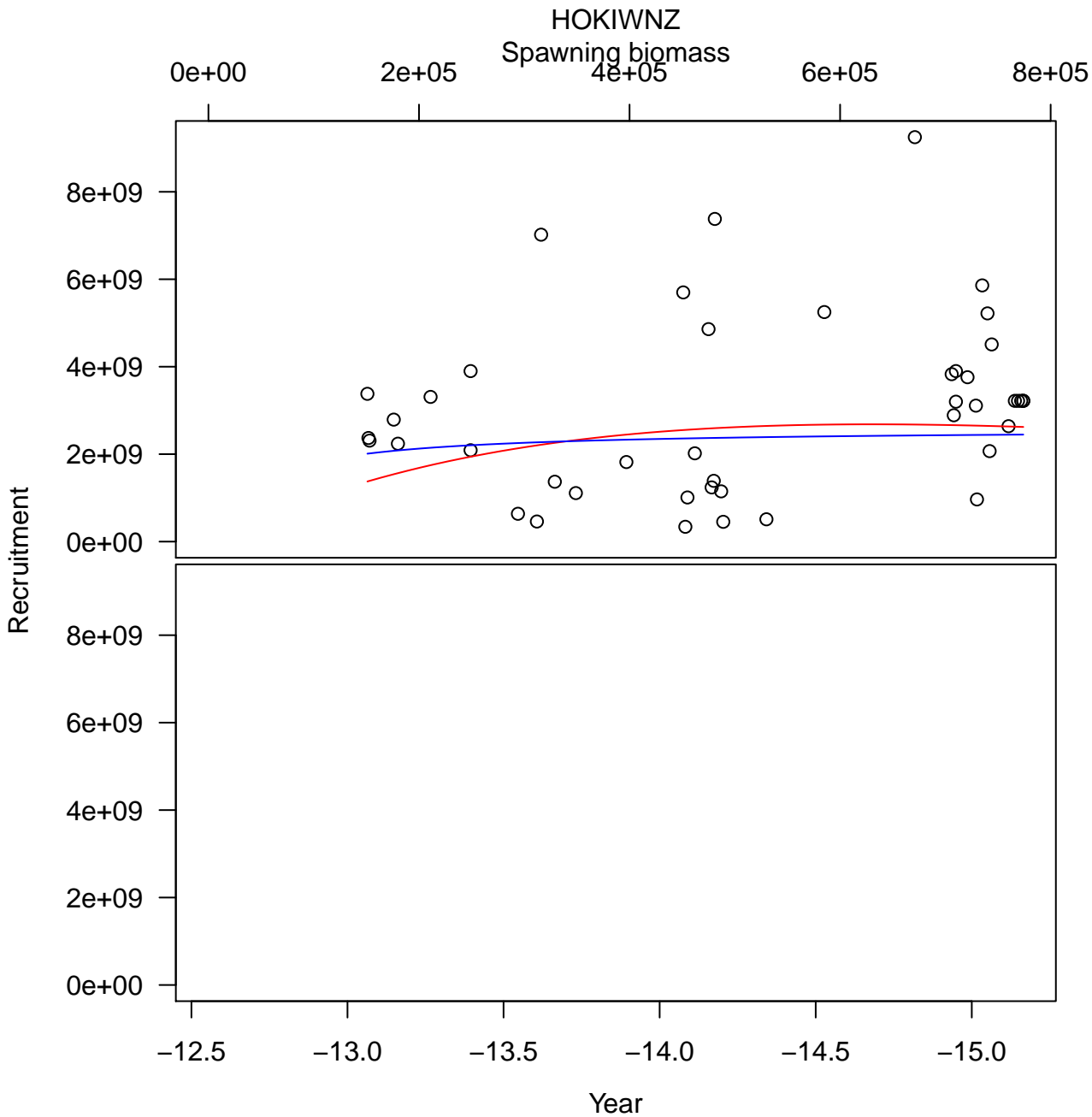
-14.4

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

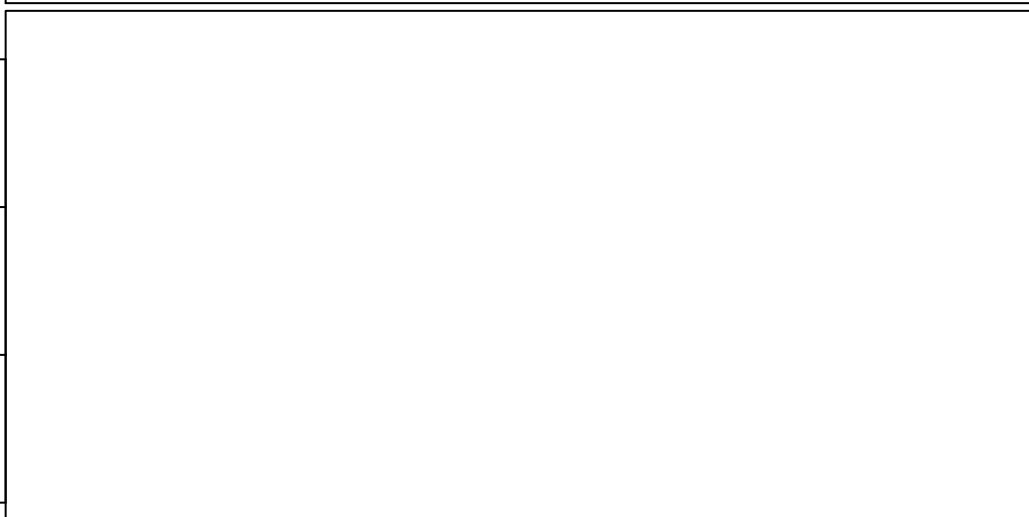
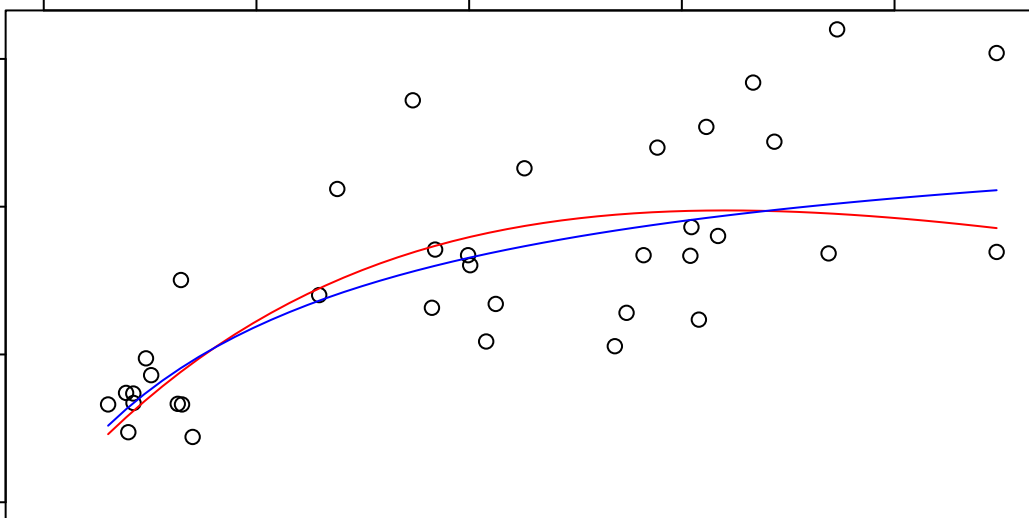
-77.5

-78.0

-78.5

-79.0

Year



JANCHOSETO

Spawning biomass

0 20000 40000 60000 80000 100000 120000

6e+11

5e+11

4e+11

3e+11

2e+11

1e+11

0e+00

Recruitment

6e+11

5e+11

4e+11

3e+11

2e+11

1e+11

0e+00

-82.5

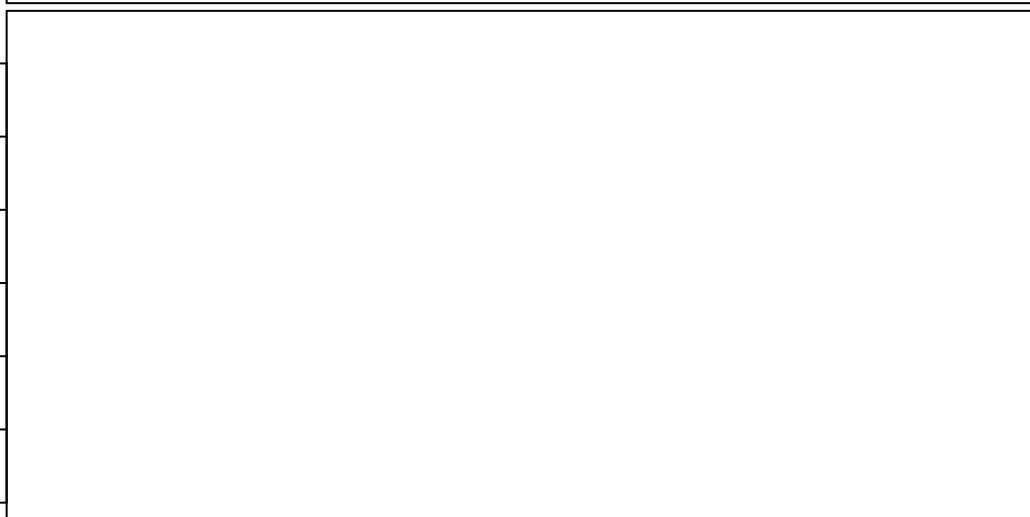
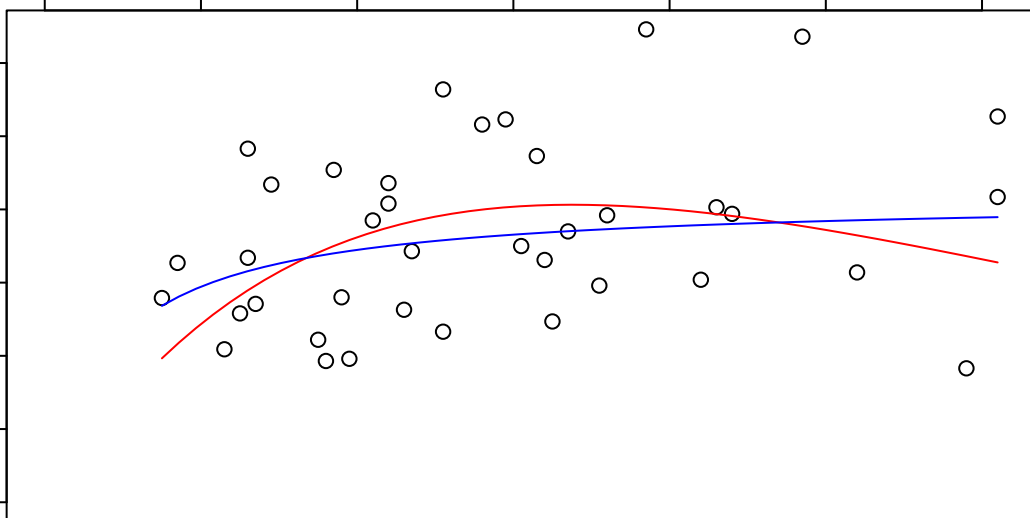
-83.0

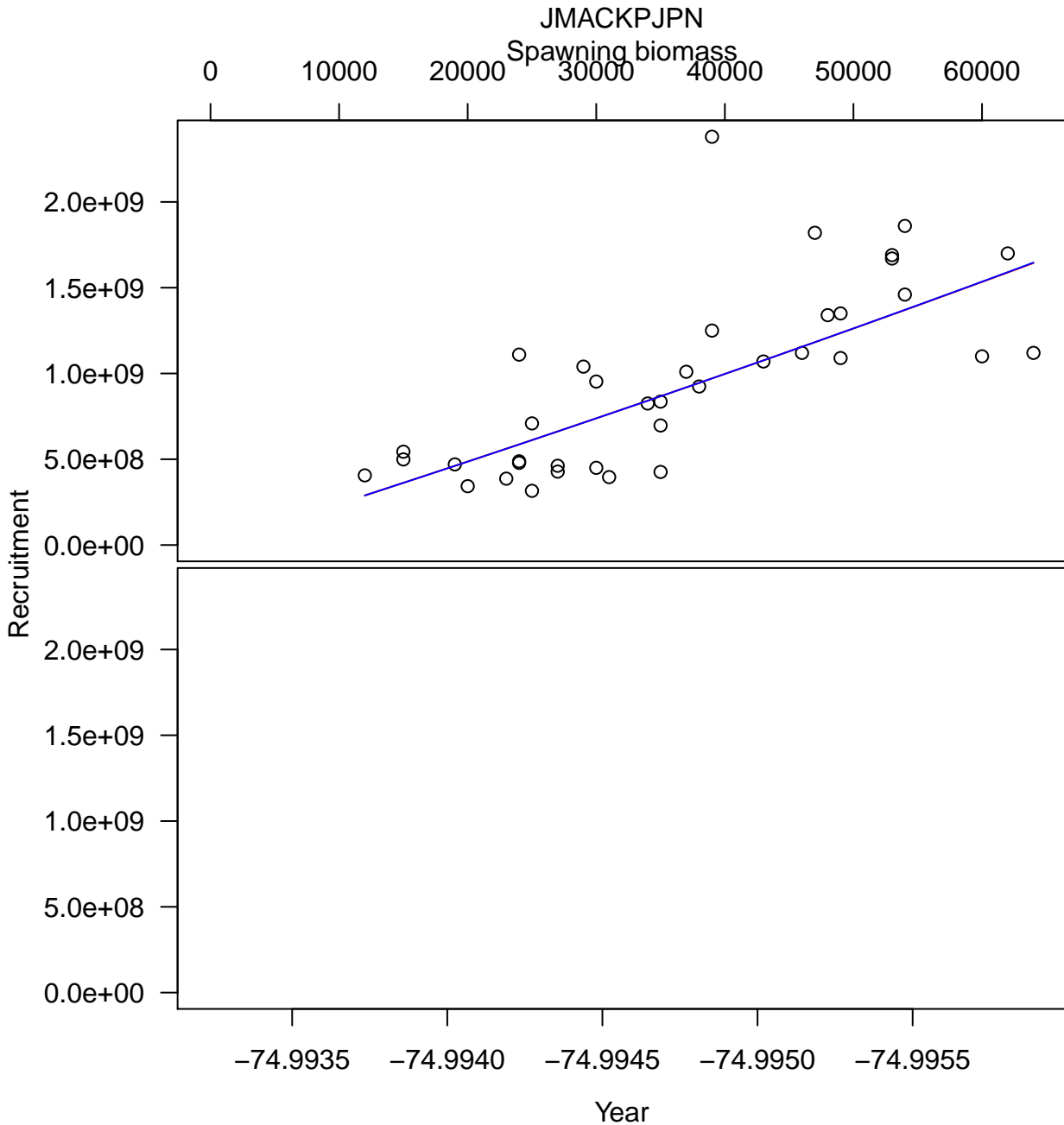
-83.5

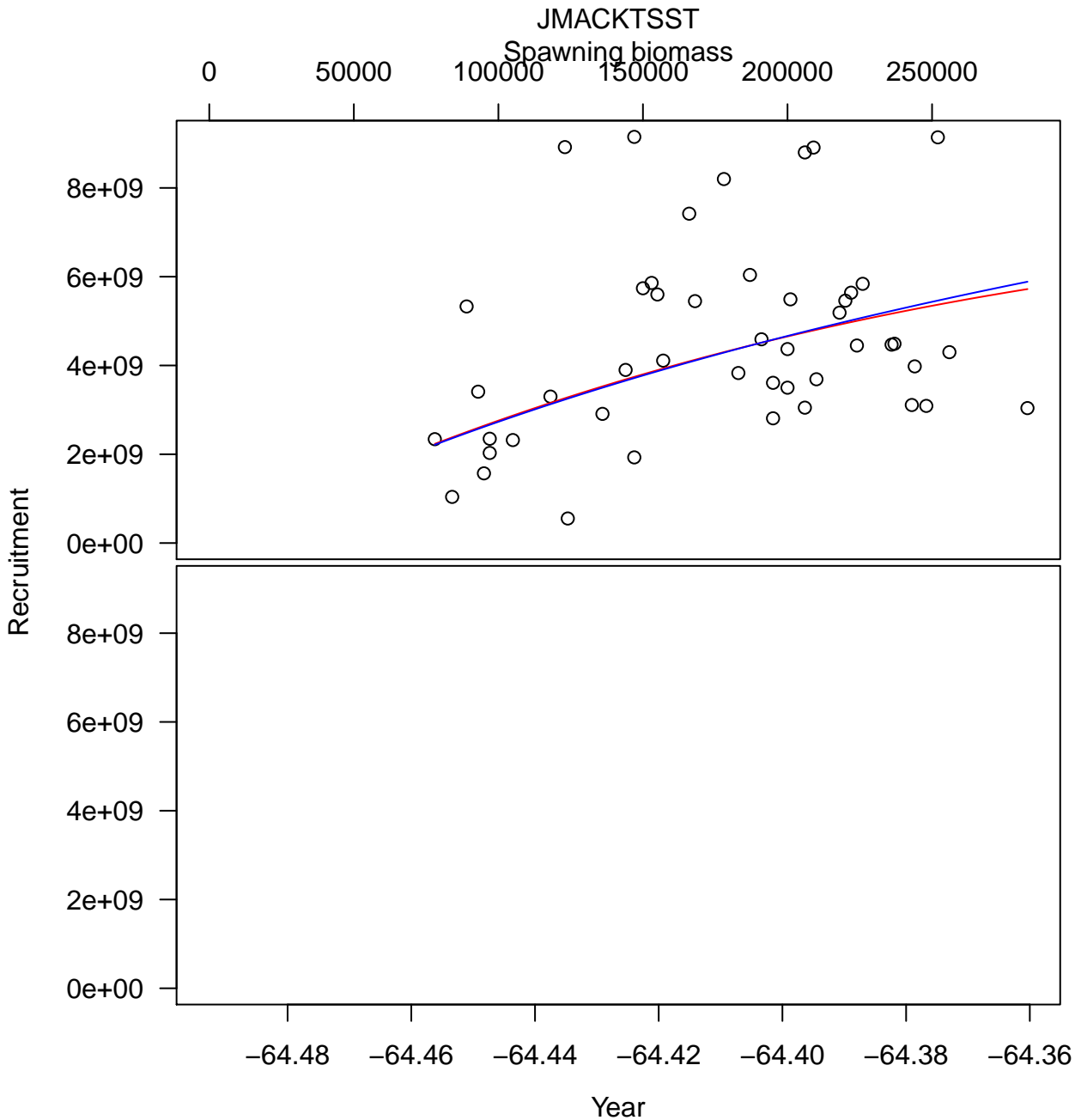
-84.0

-84.5

Year







JPUFFIMKB  
Spawning biomass

0 50 100 150

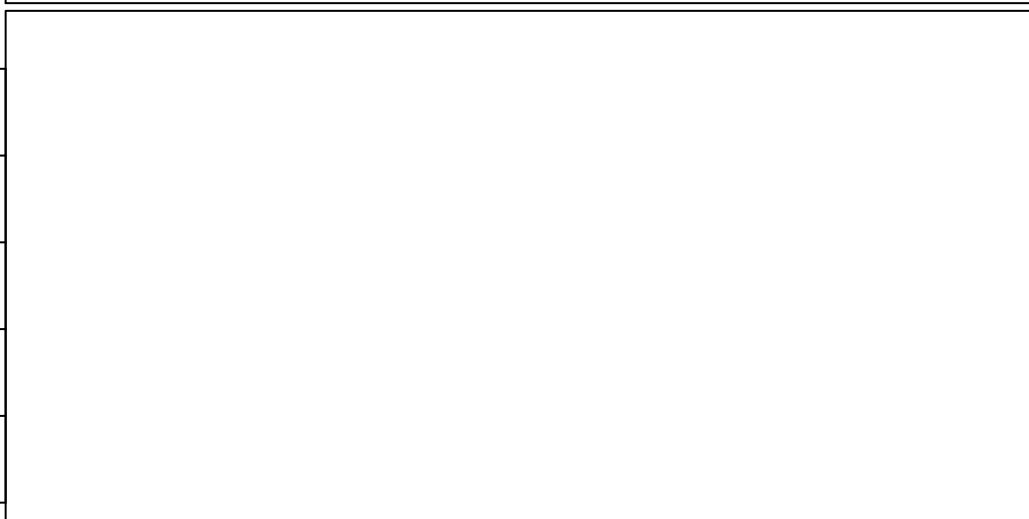
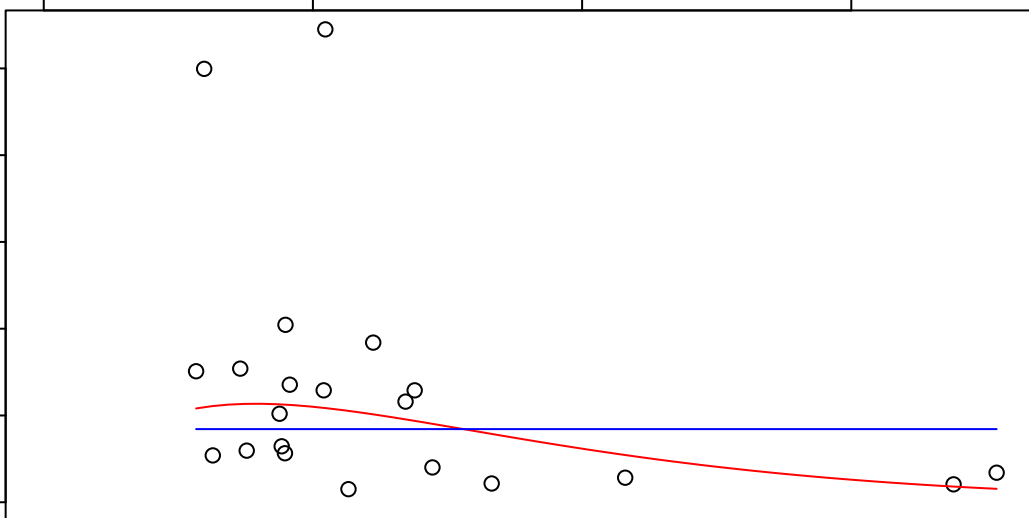
Recruitment

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

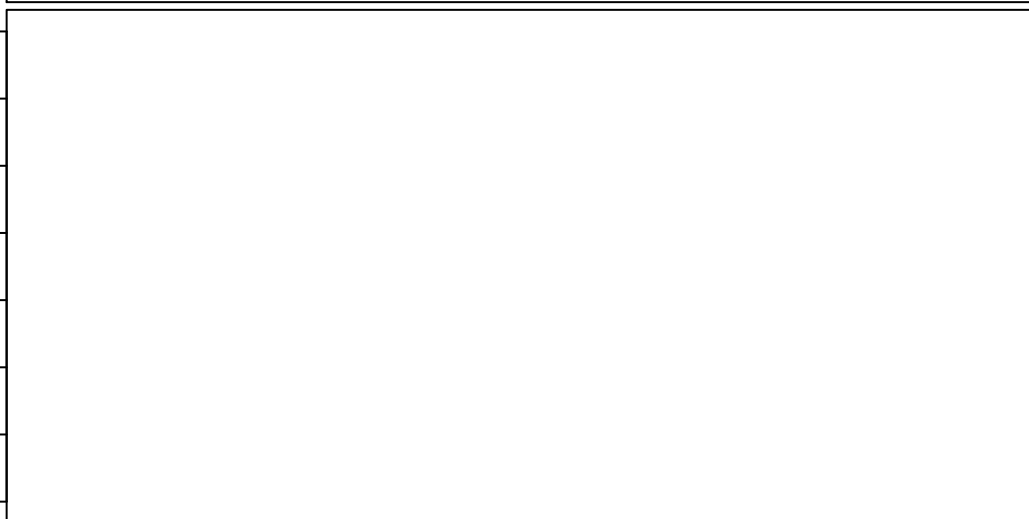
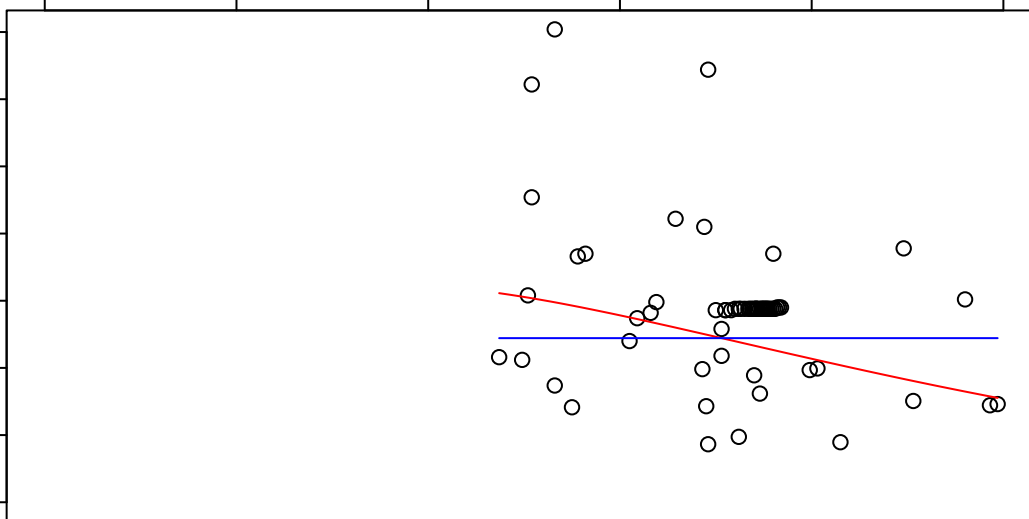
-50

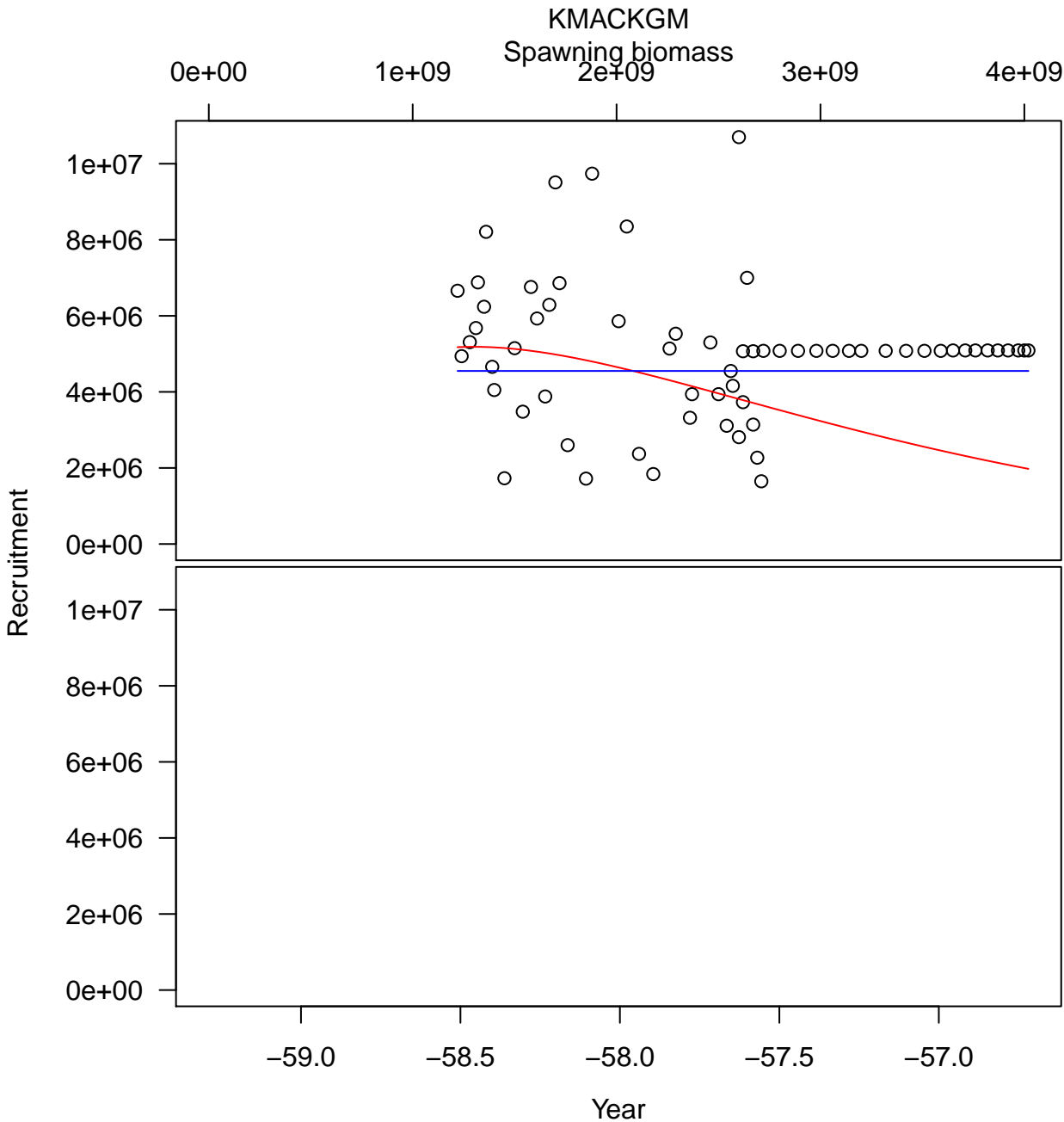
-49

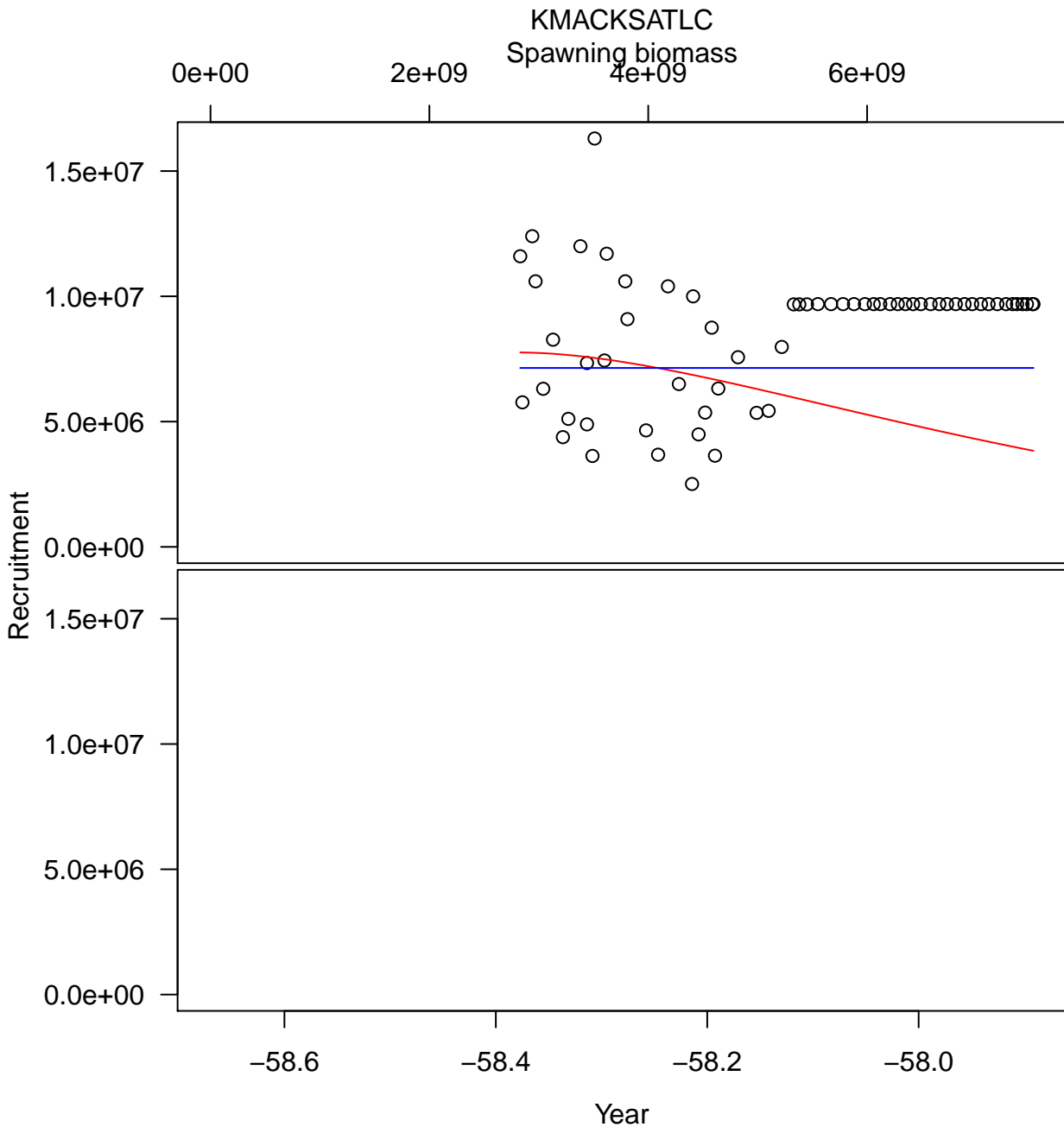
-48

-47

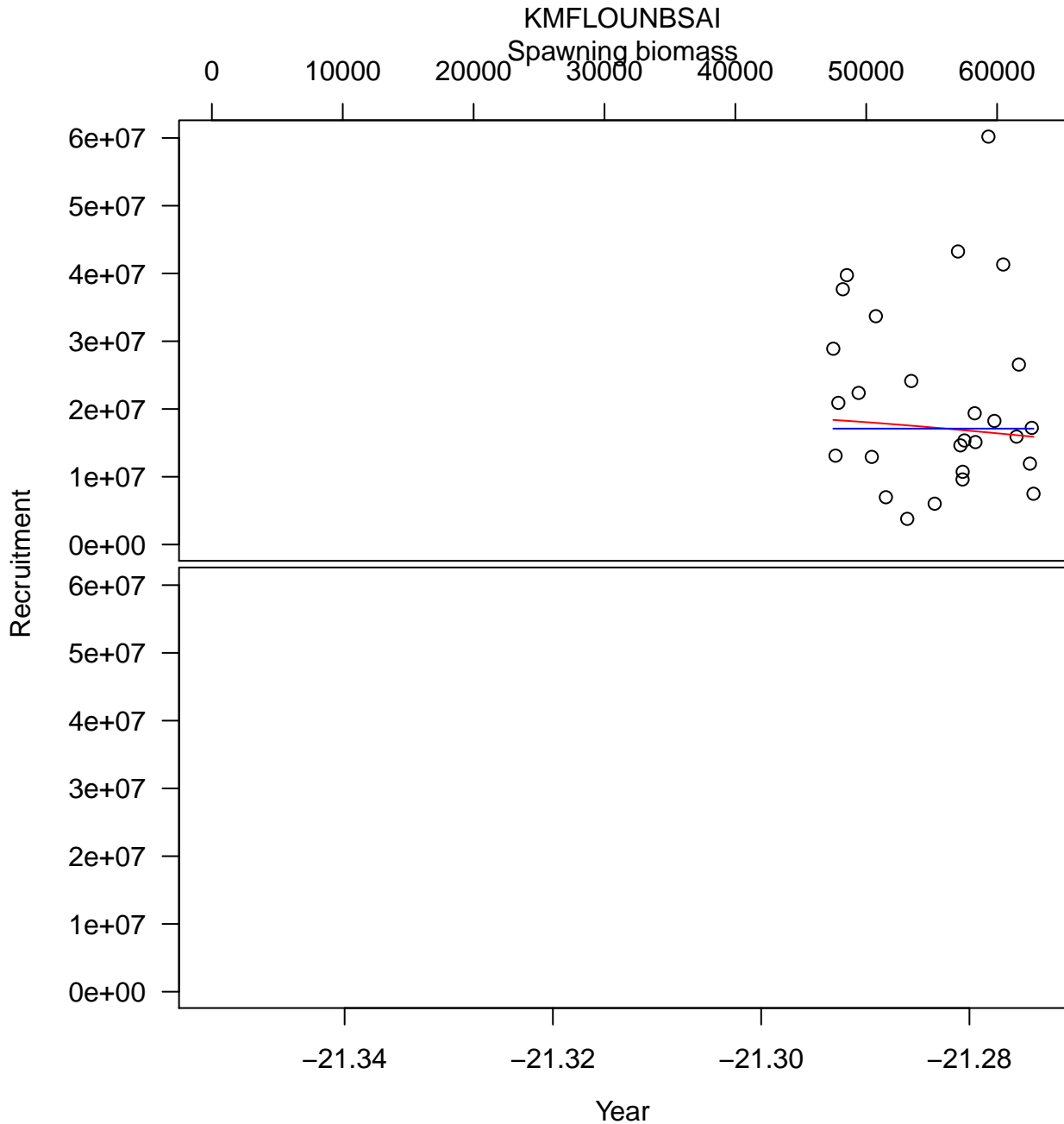
Year







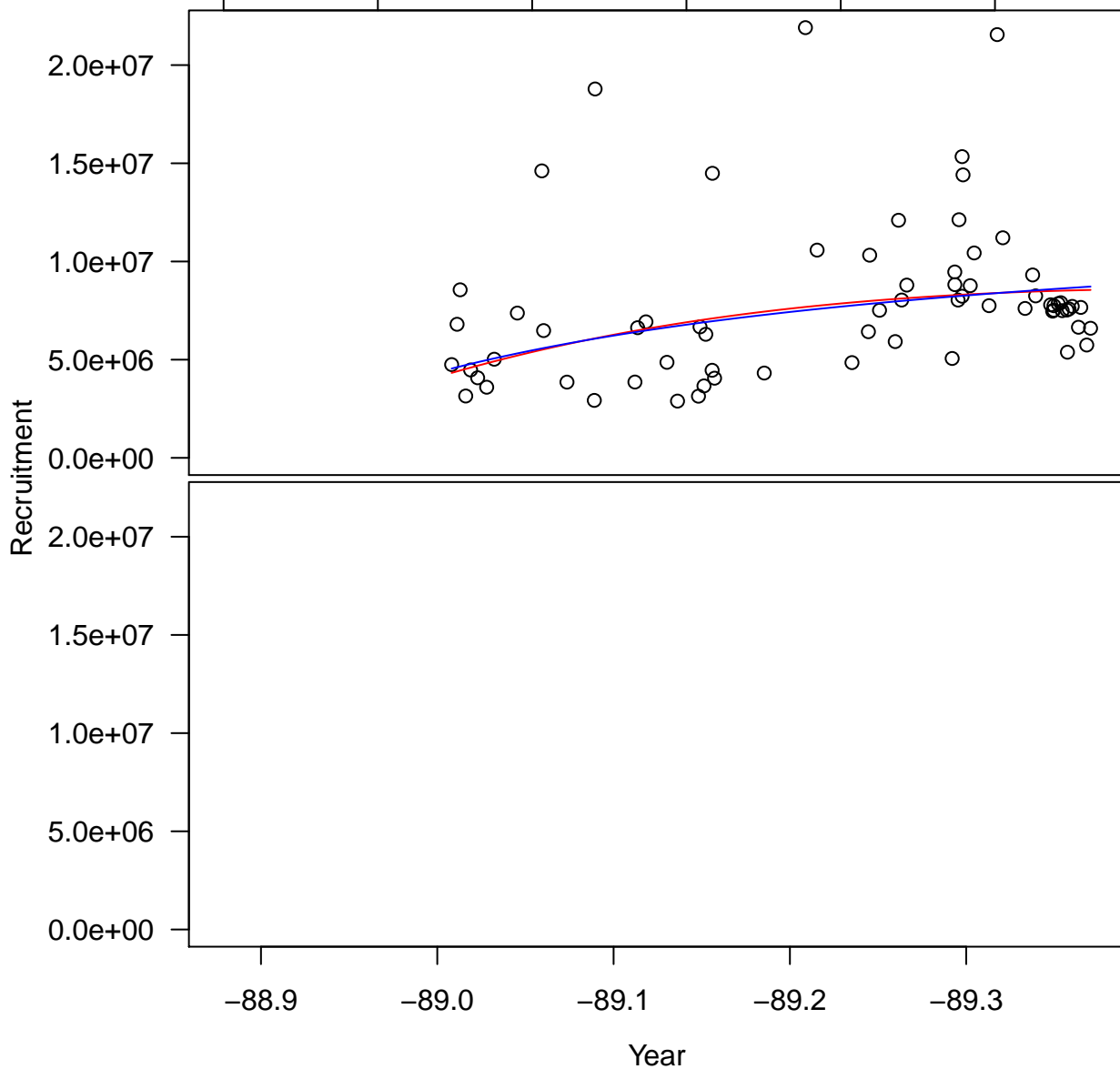




LINGCODNPCOAST

Spawning biomass

0 5000 10000 15000 20000 25000



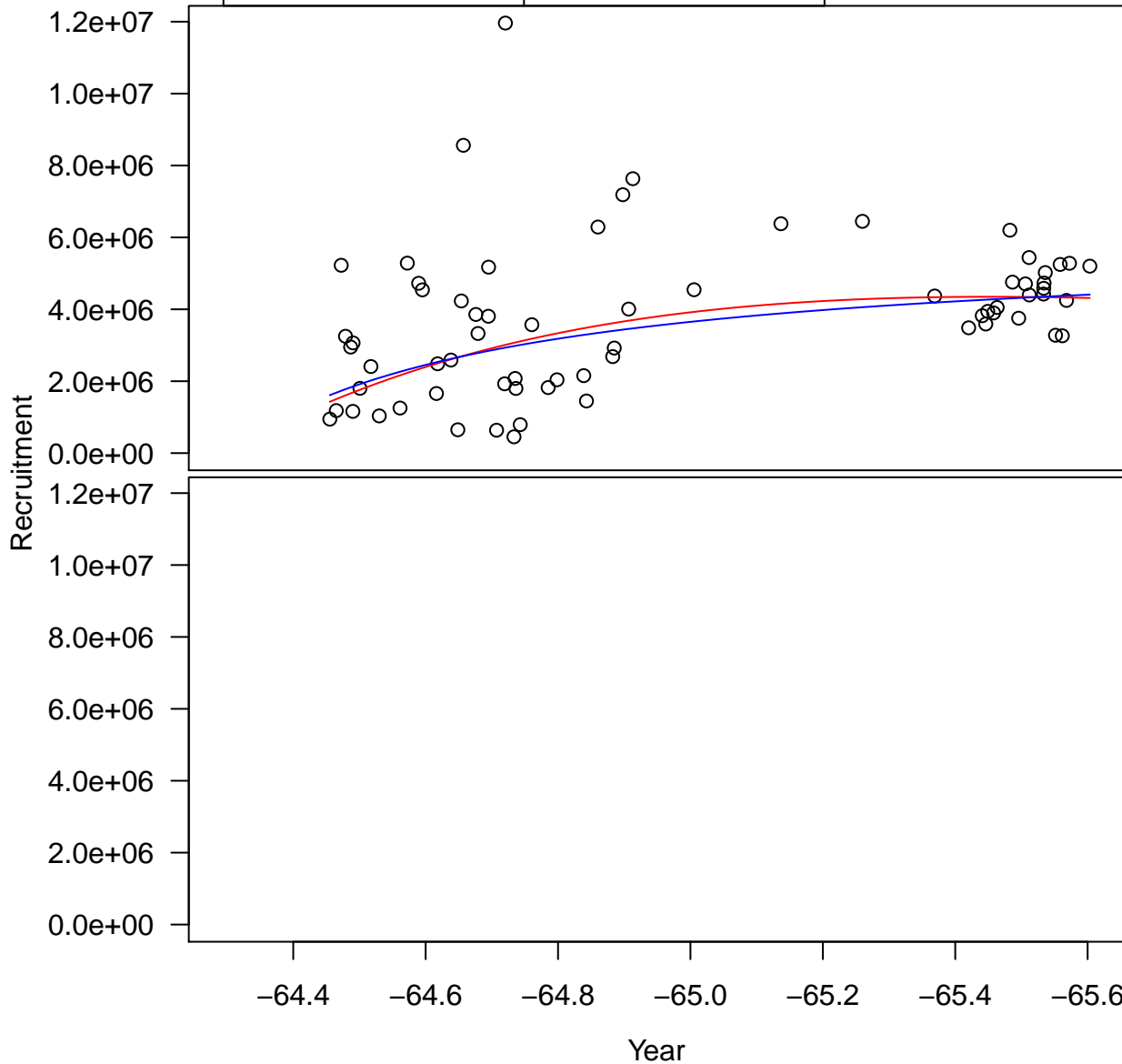
LINGCODSPCOAST

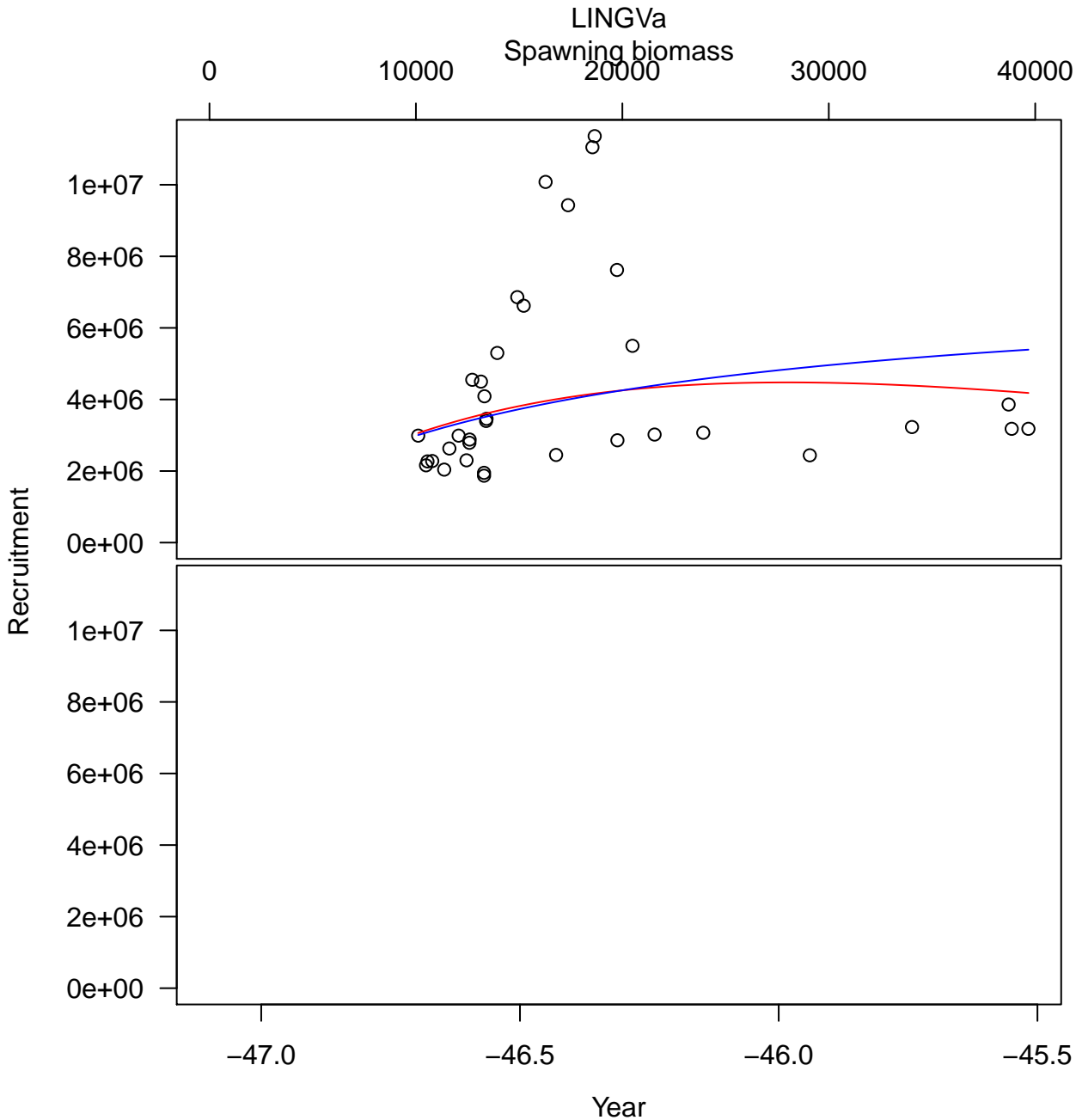
Spawning biomass

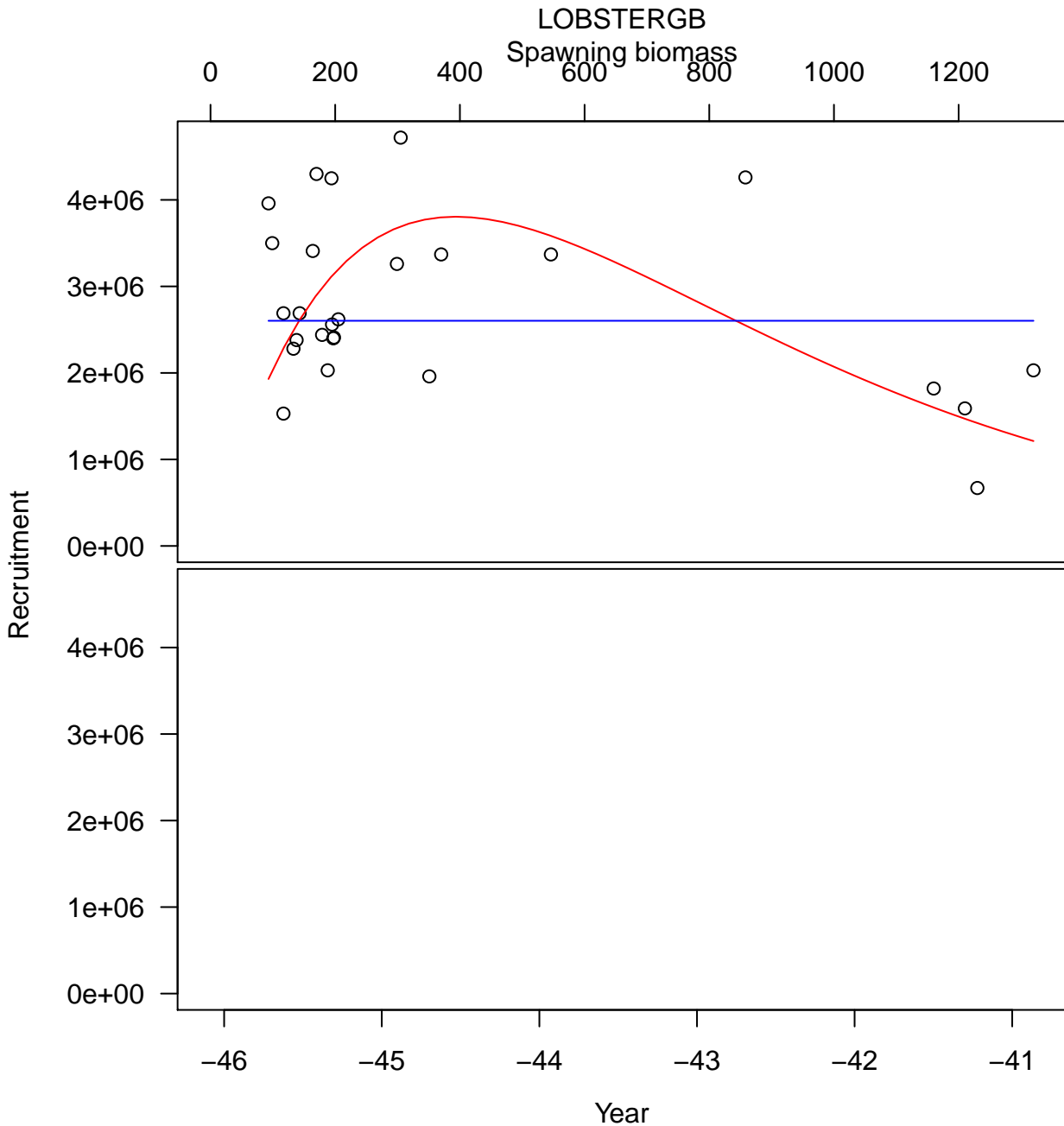
0

5000

10000



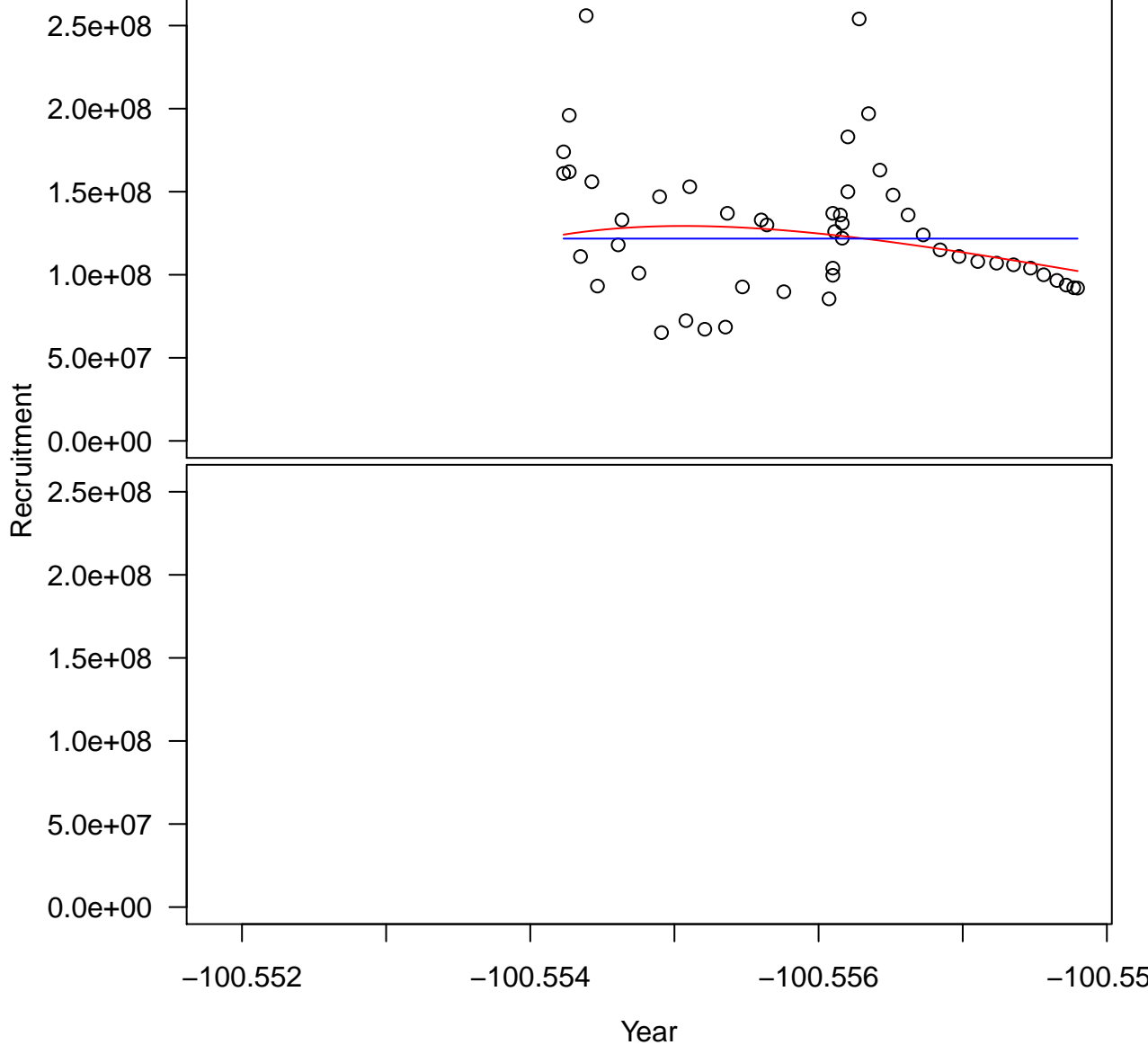


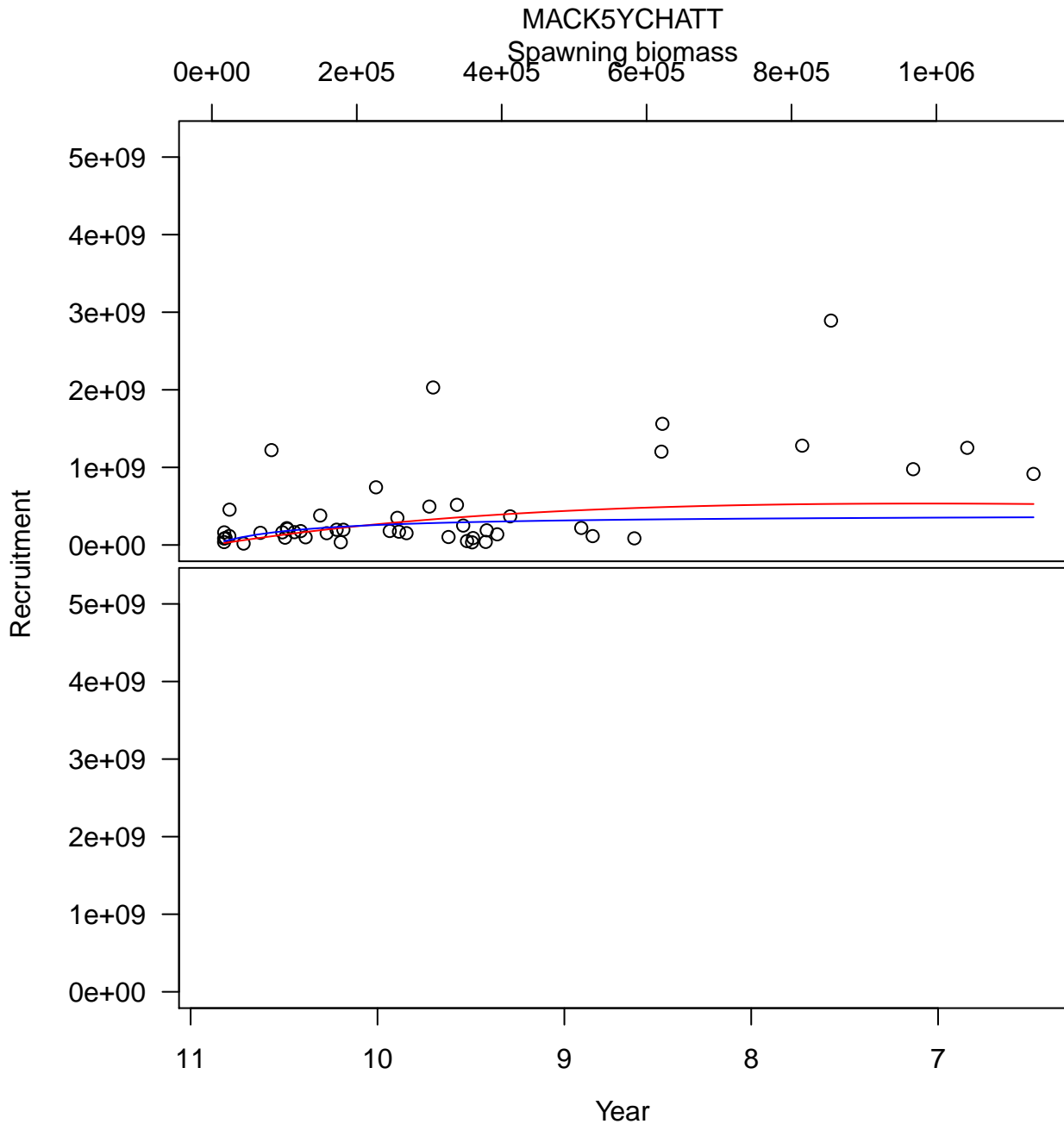


# LSTHORNHPCOAST

Spawning biomass

0 10000 20000 30000 40000





# MACKNWATLSA3.4

Spawning biomass

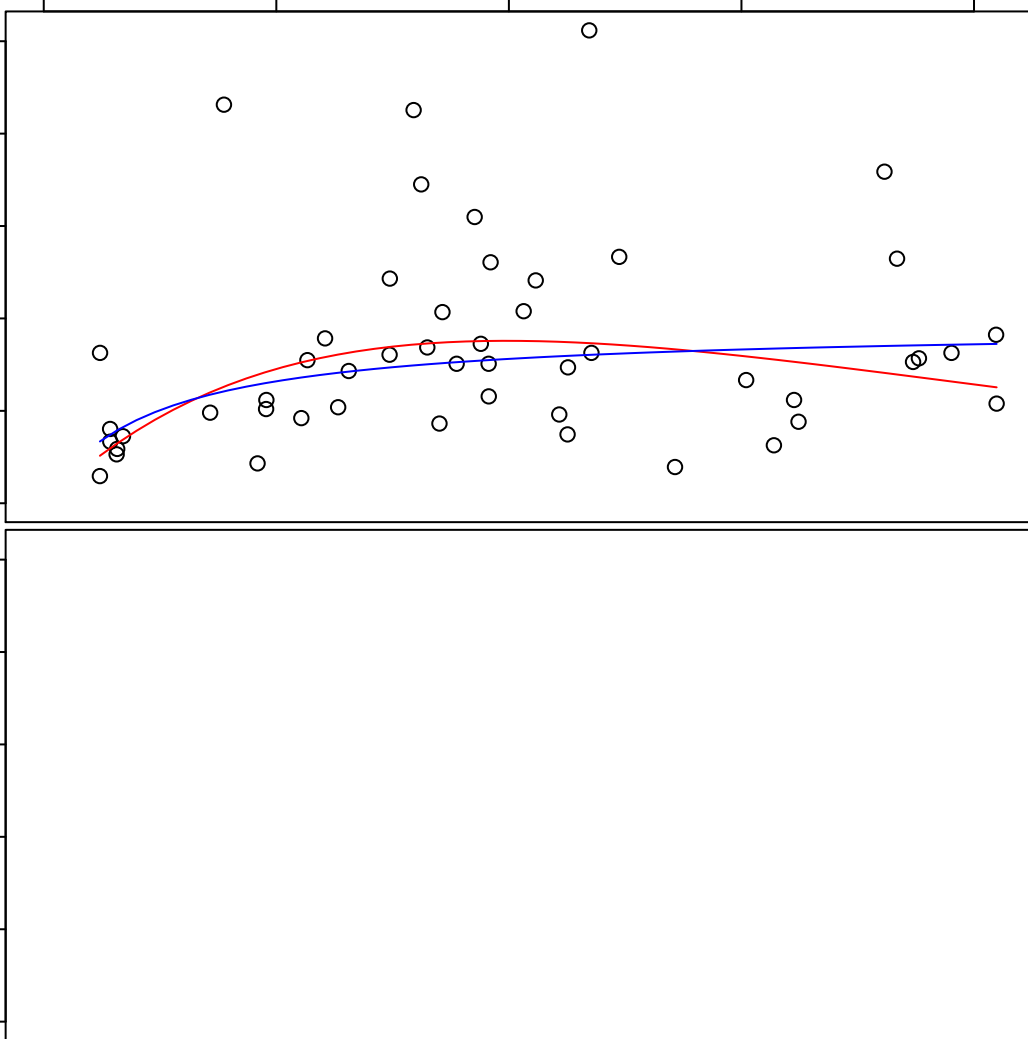
0e+00 1e+05 2e+05 3e+05 4e+05

Recruitment

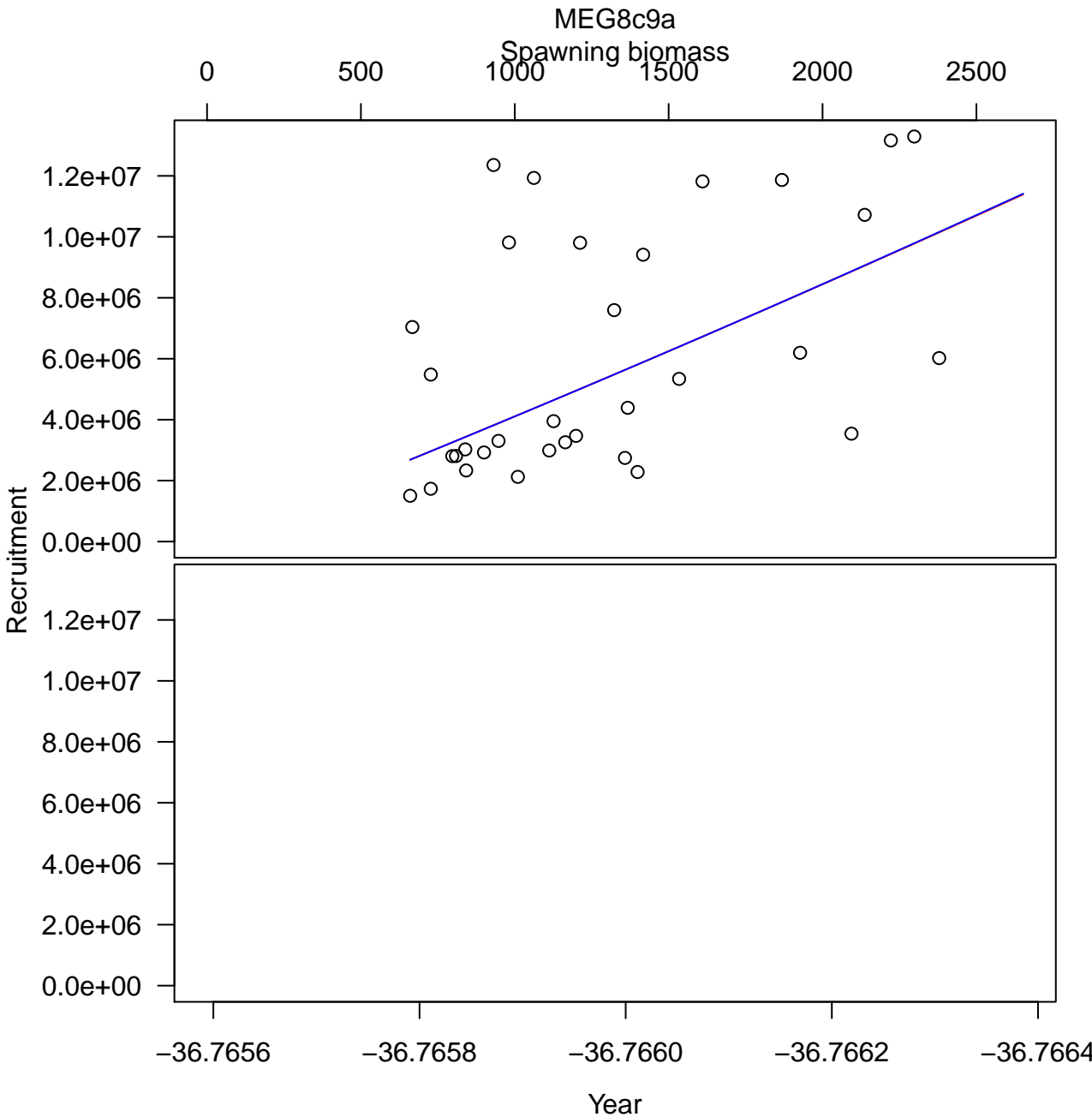
5e+05  
4e+05  
3e+05  
2e+05  
1e+05  
0e+00  
5e+05  
4e+05  
3e+05  
2e+05  
1e+05  
0e+00

-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

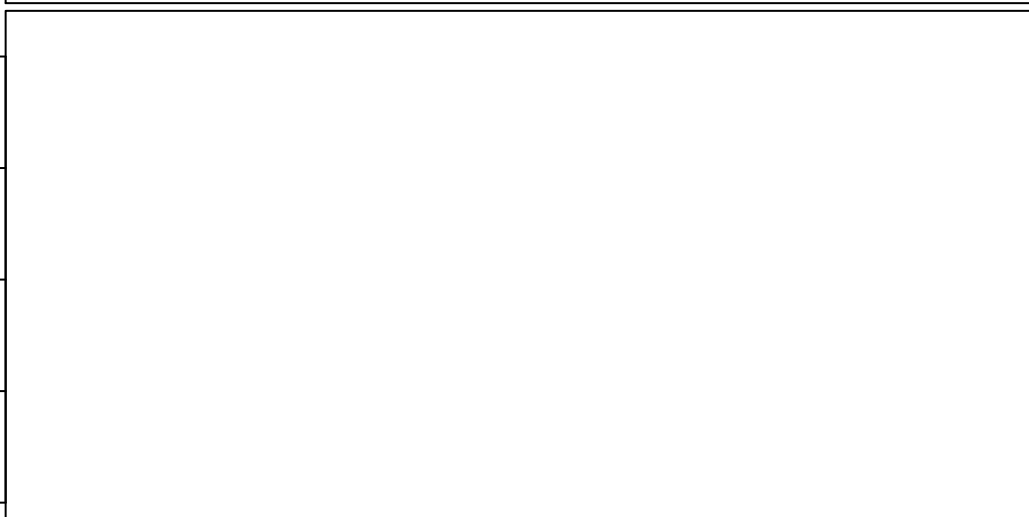
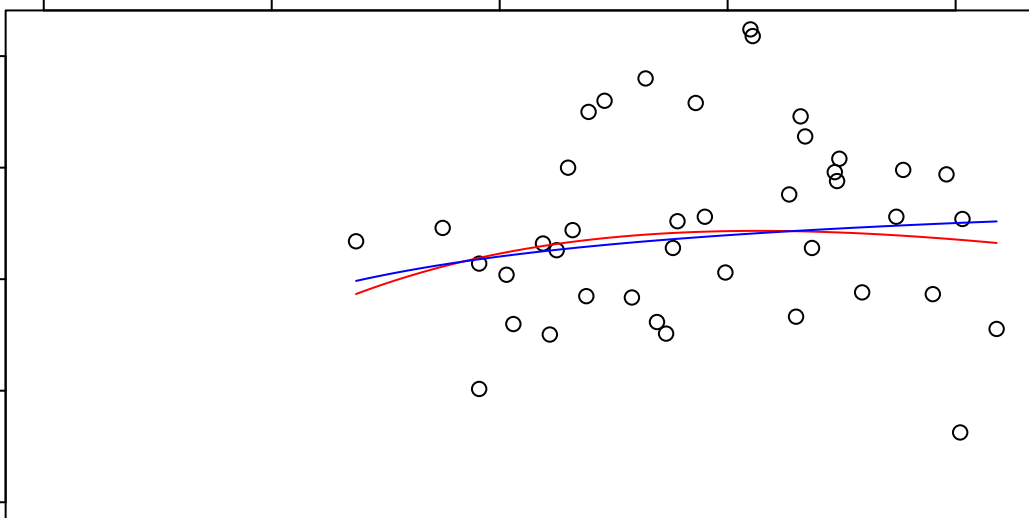
-79.4

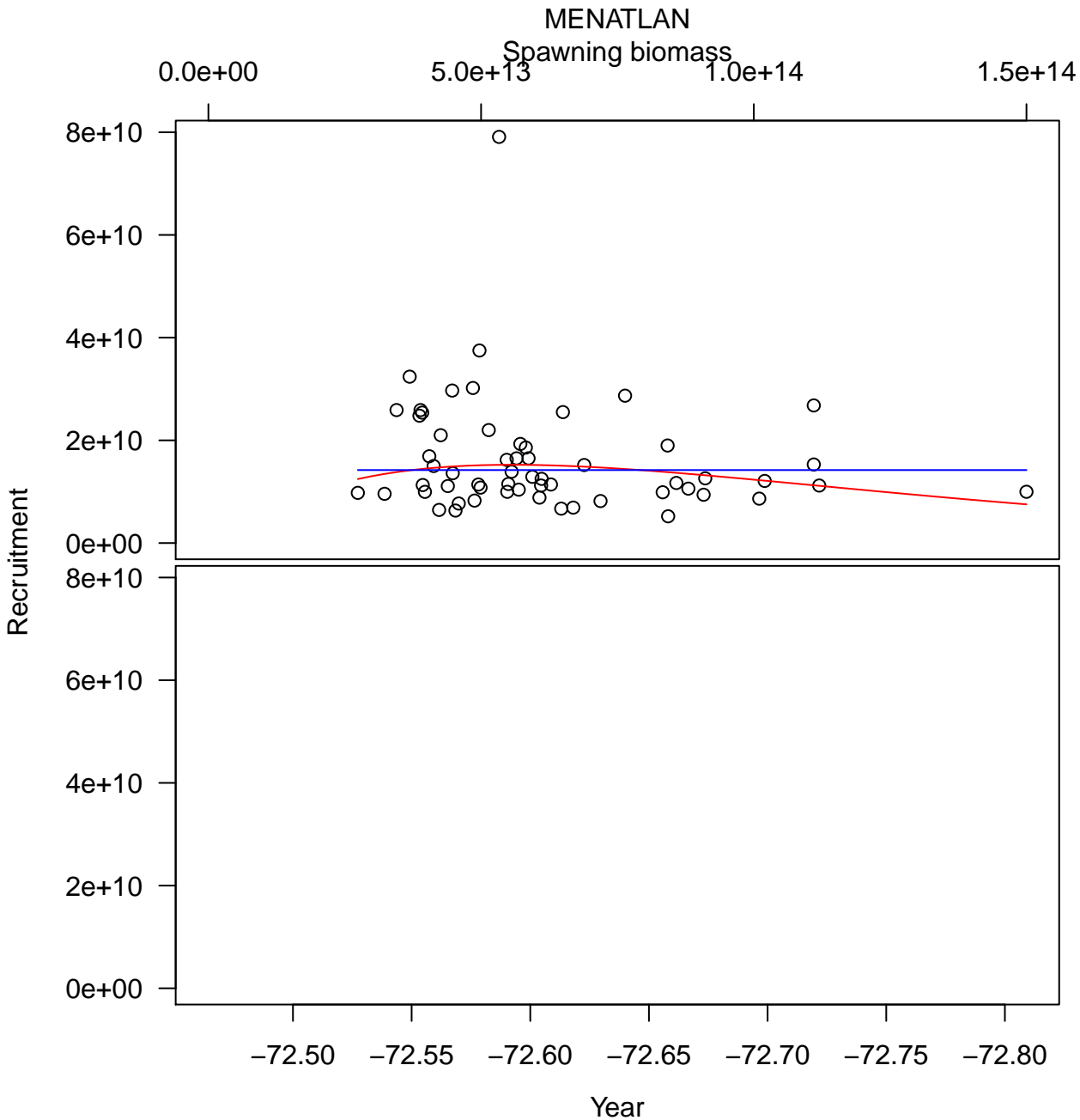
-79.2

-79.0

-78.8

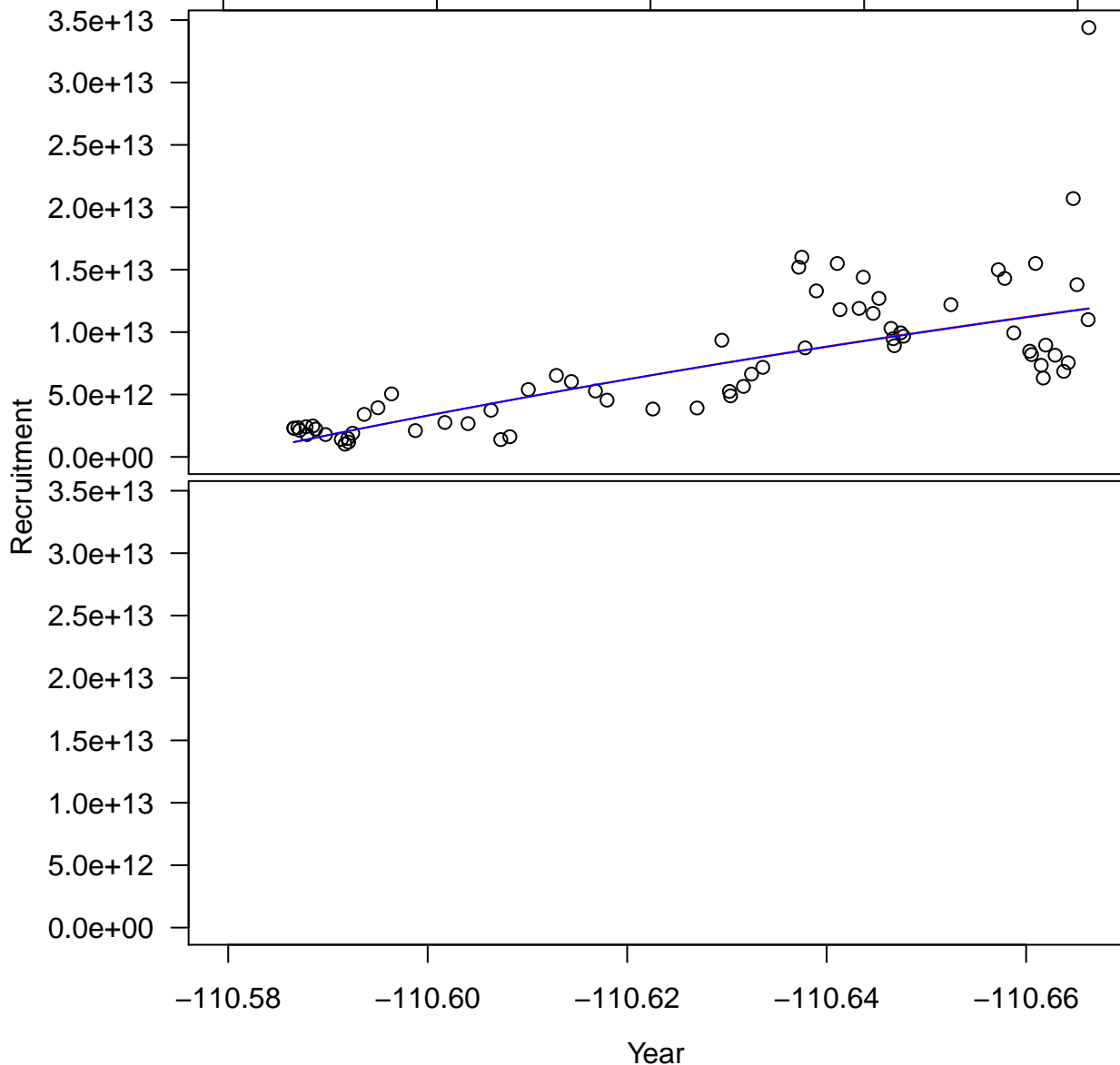
Year





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

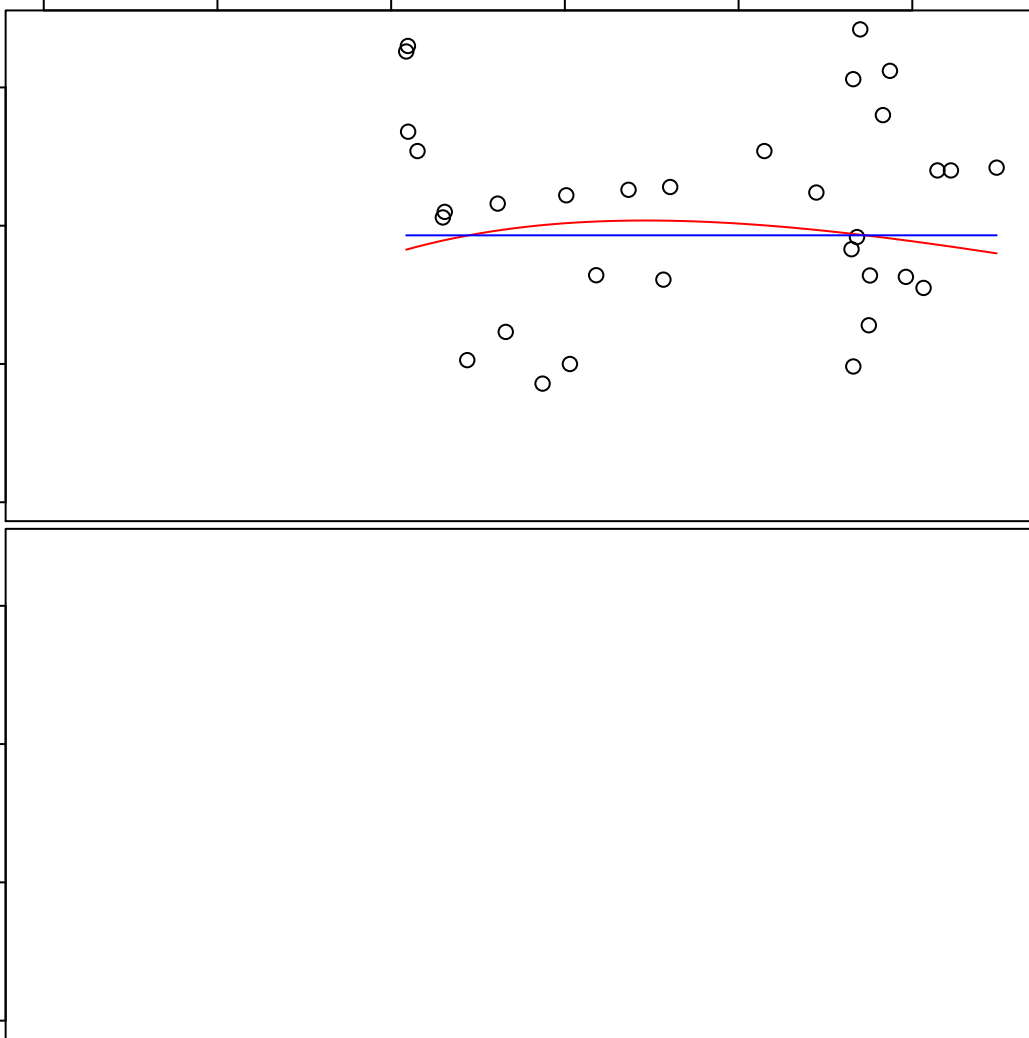
-49.5

-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

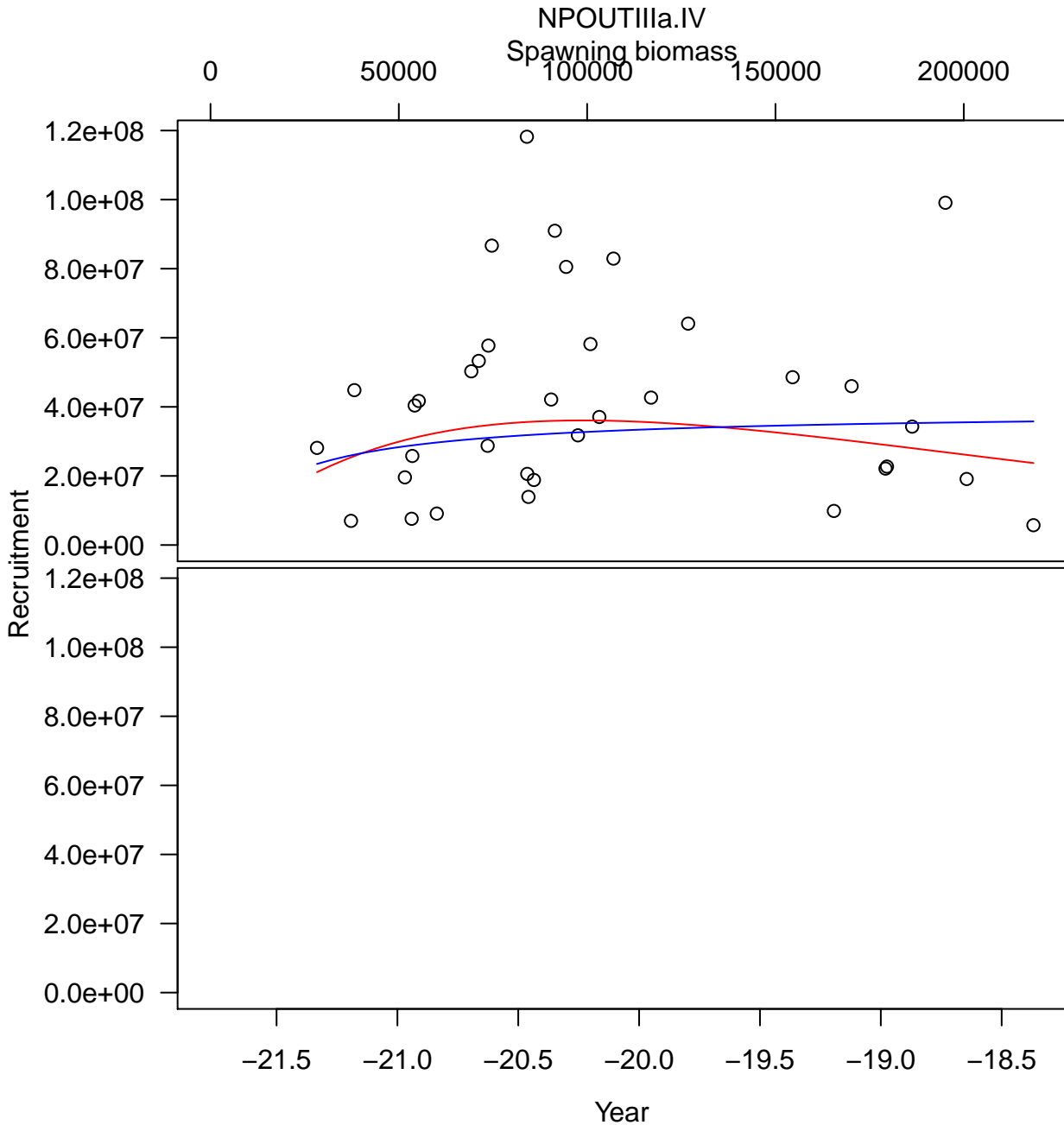
-45.299

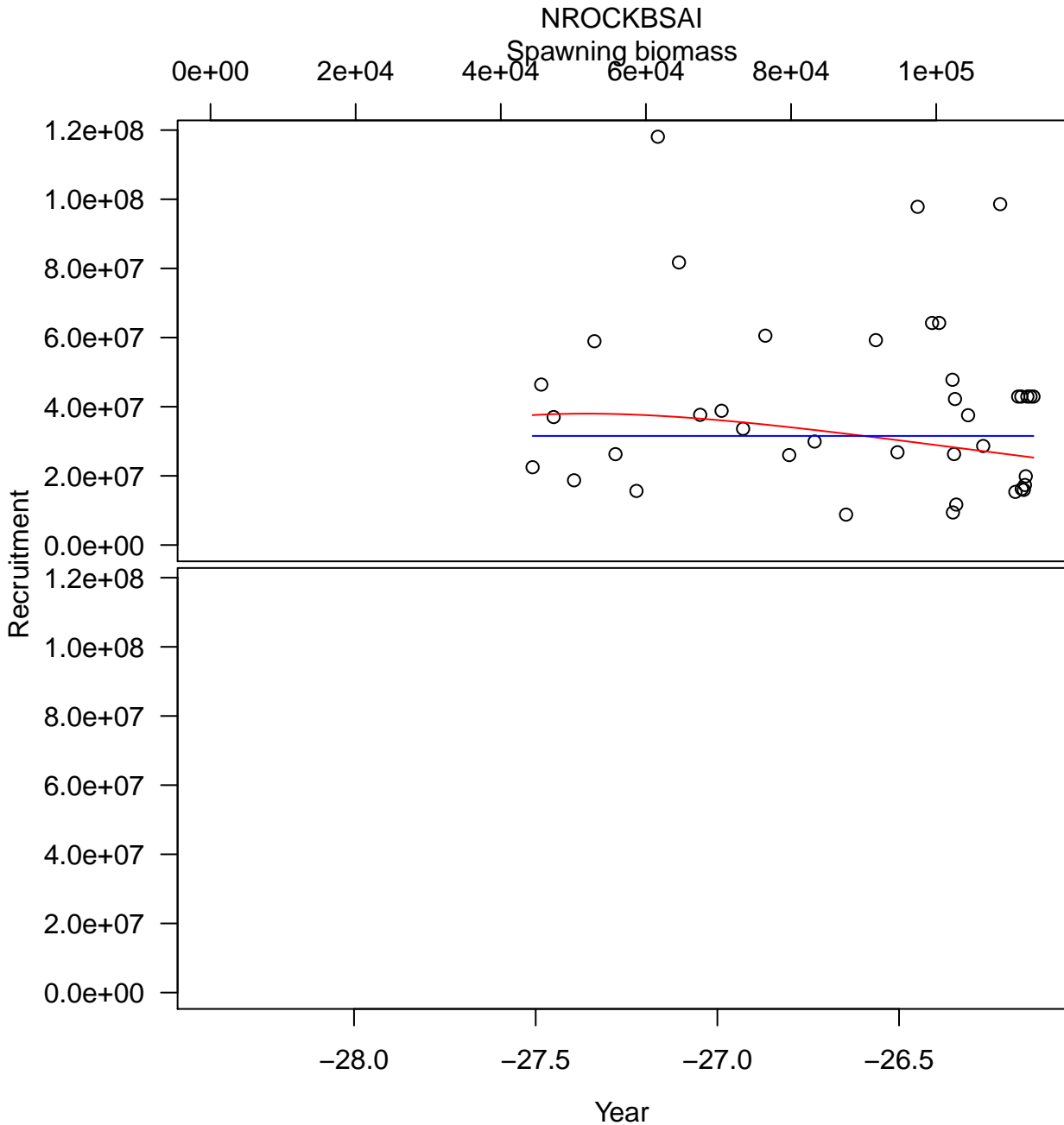
-45.298

-45.297

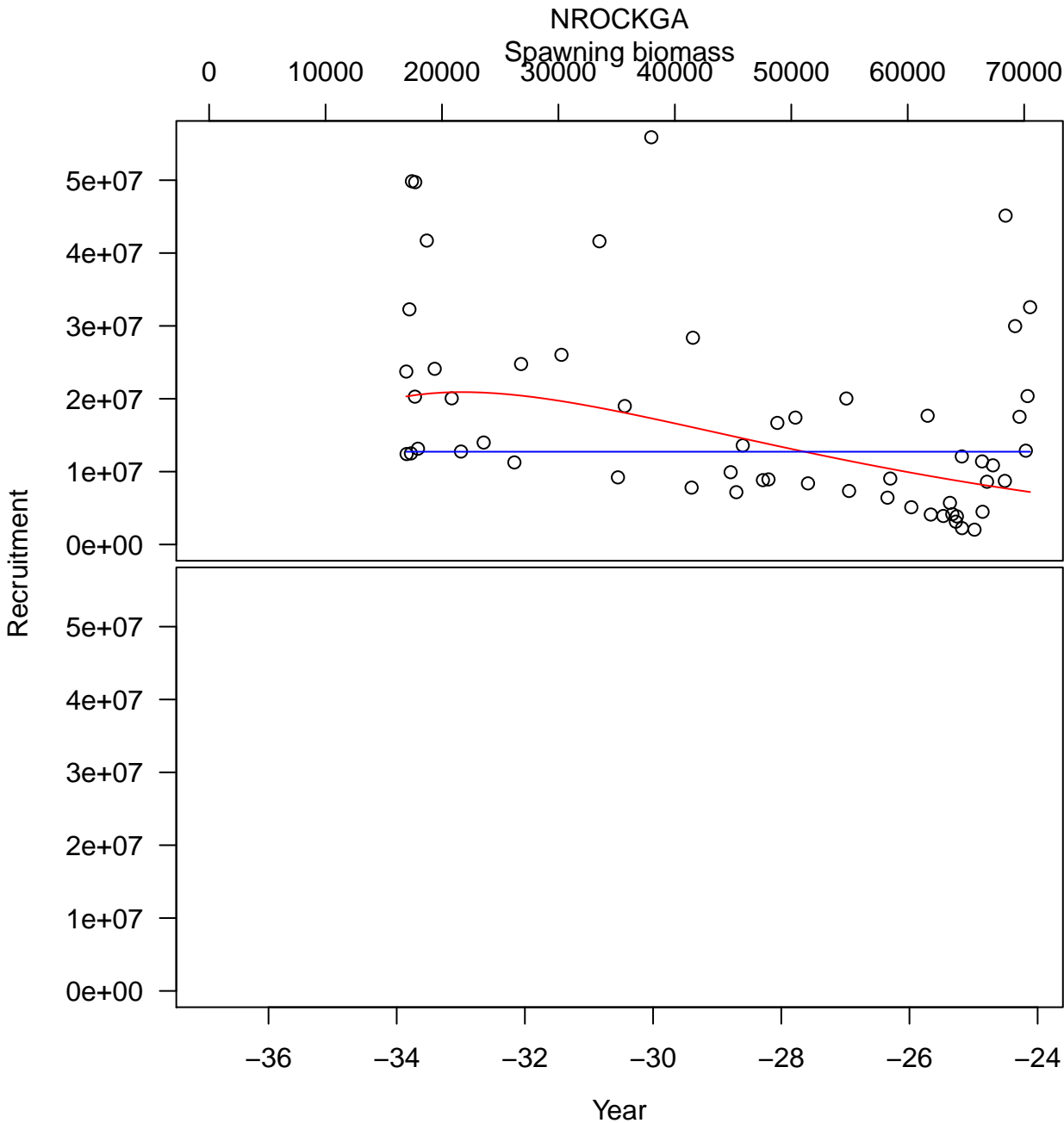
-45.296

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

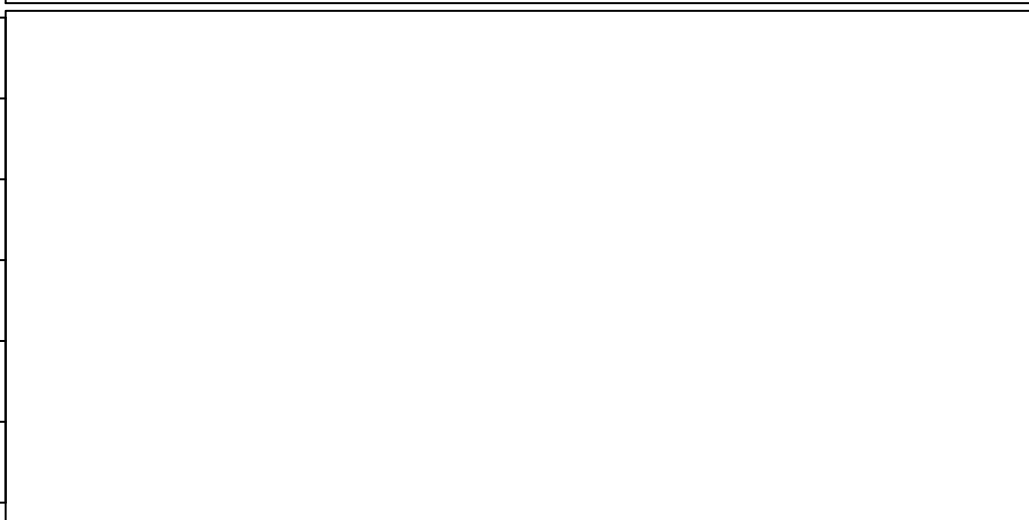
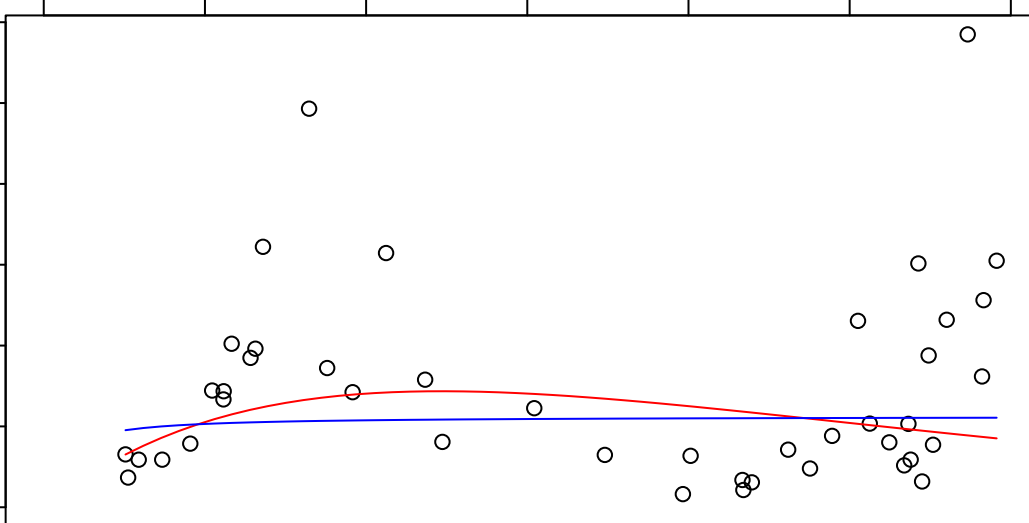
-10.6

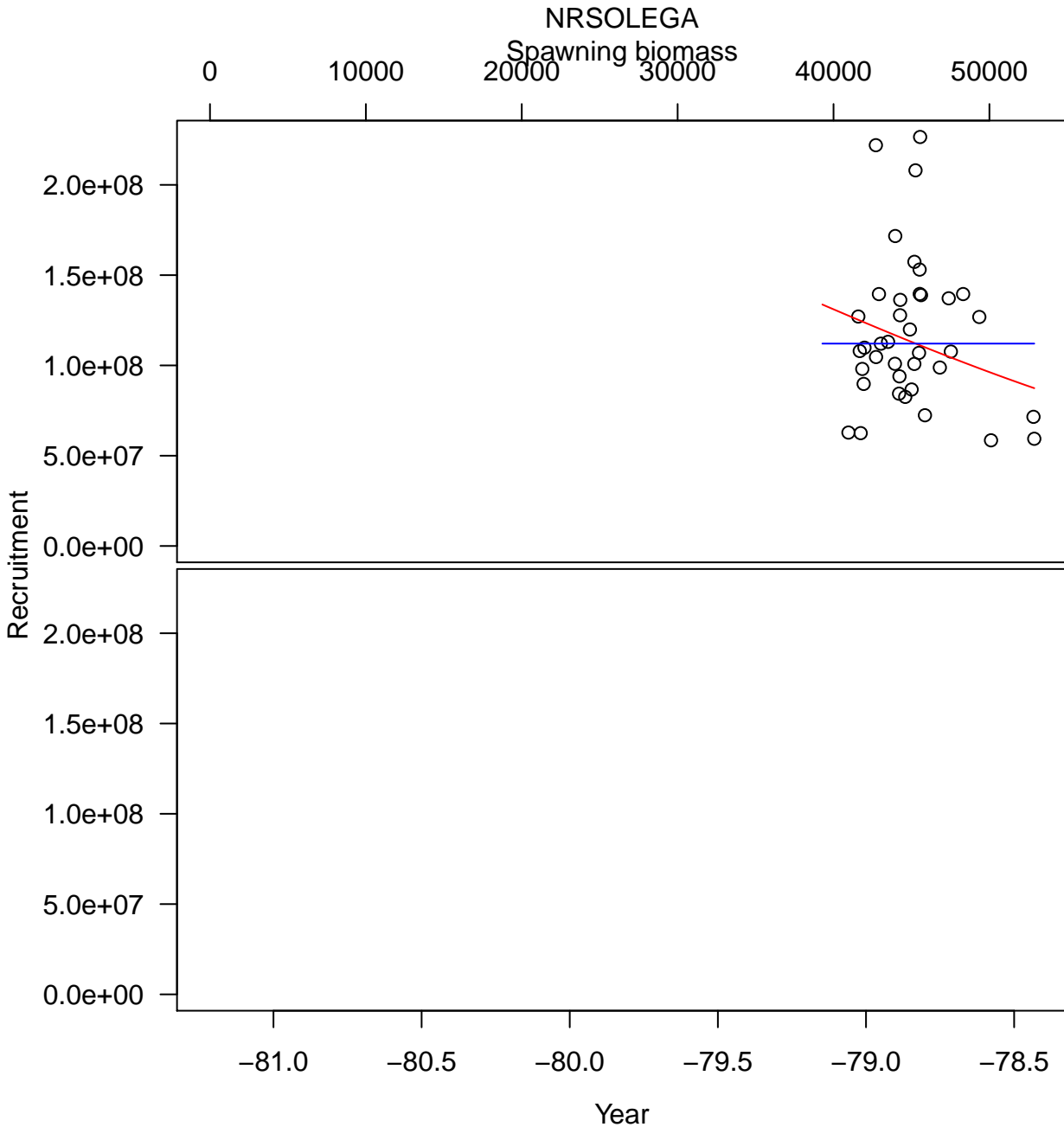
-10.8

-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

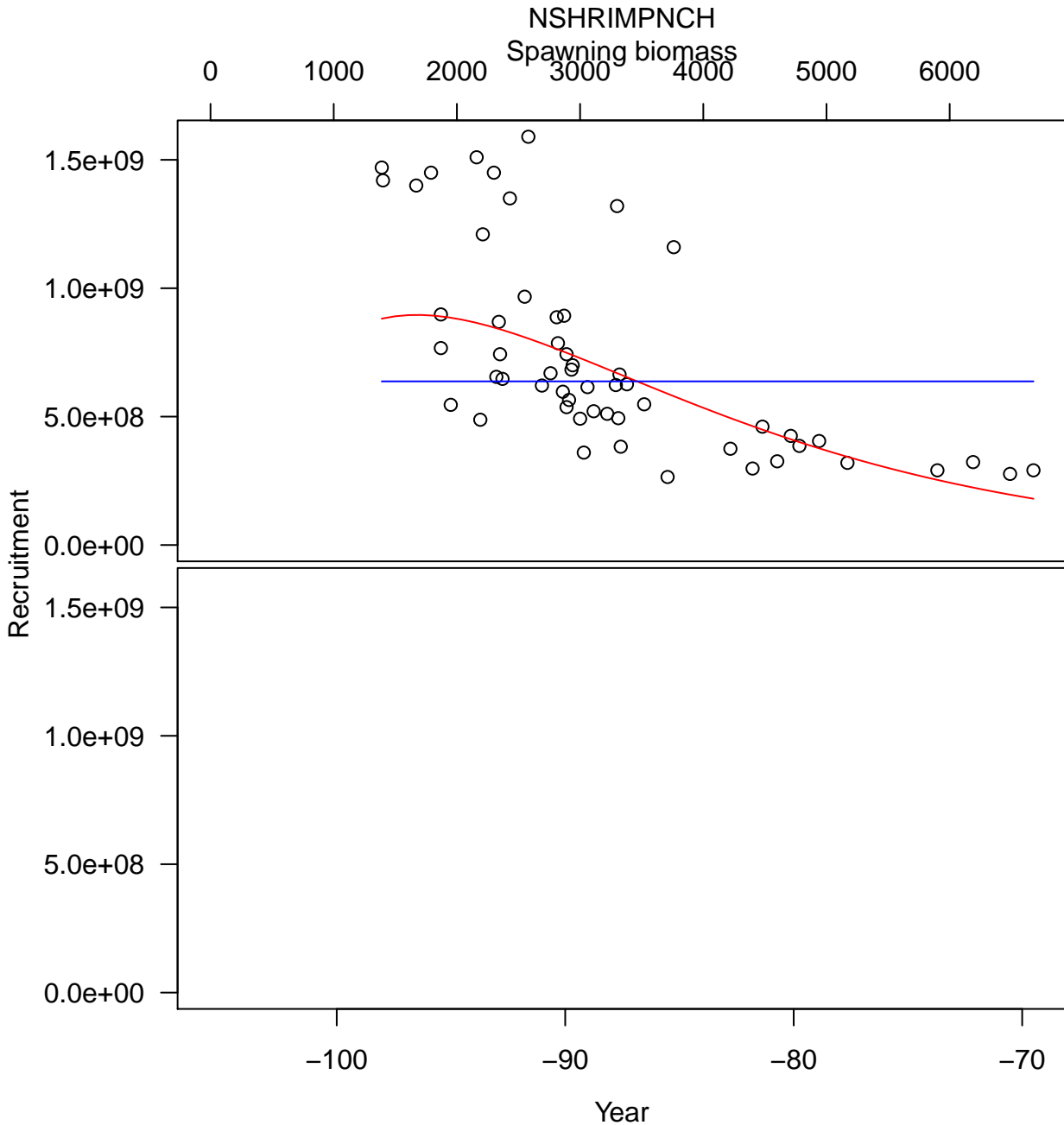
-83.2

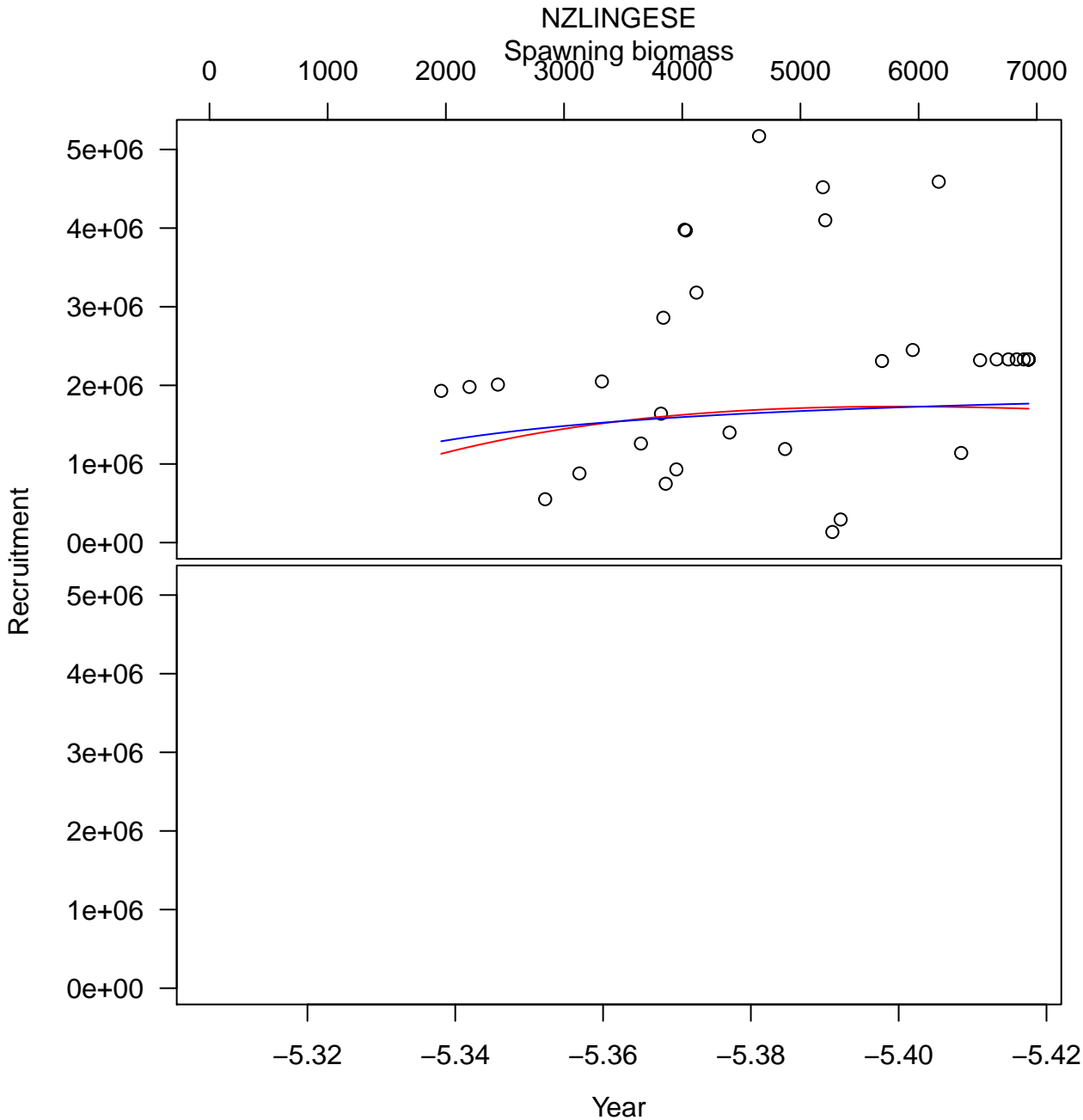
-83.4

-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

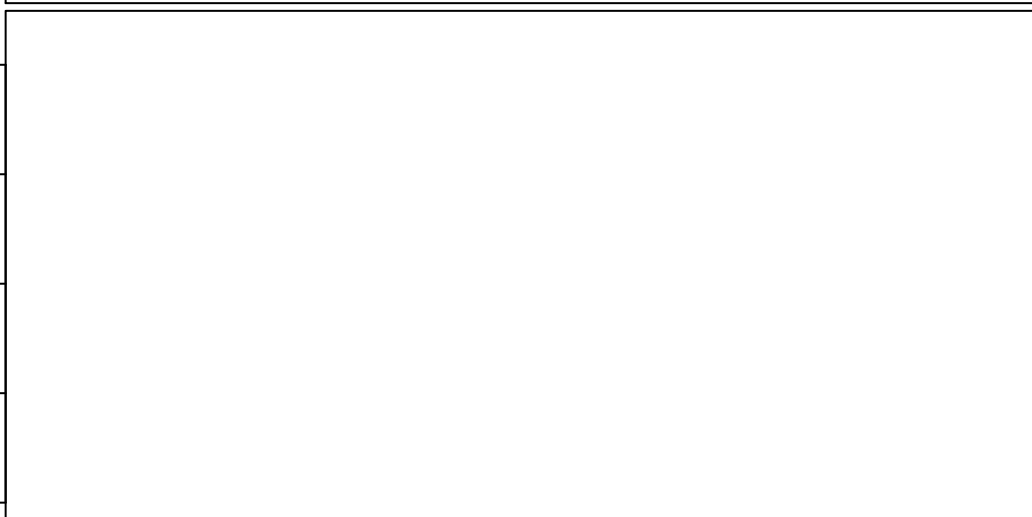
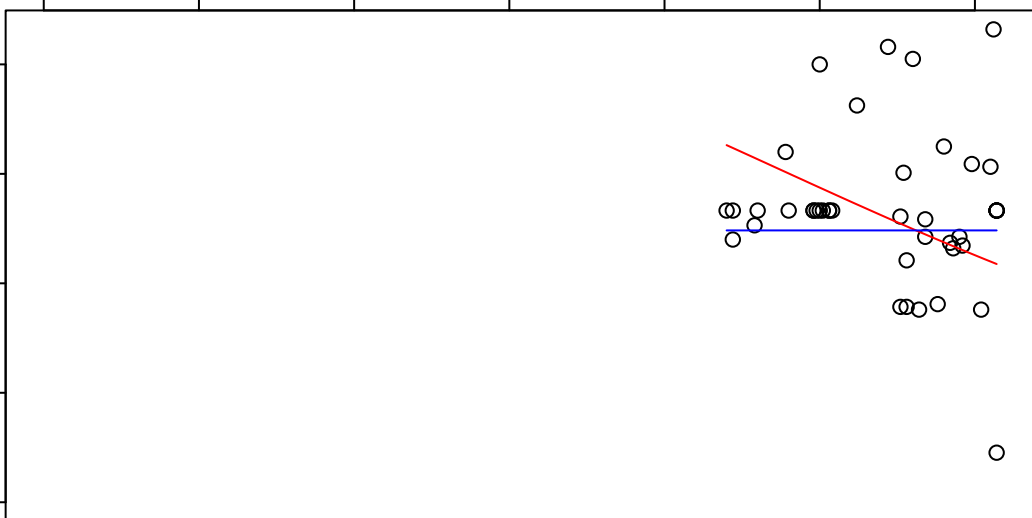
-46.5

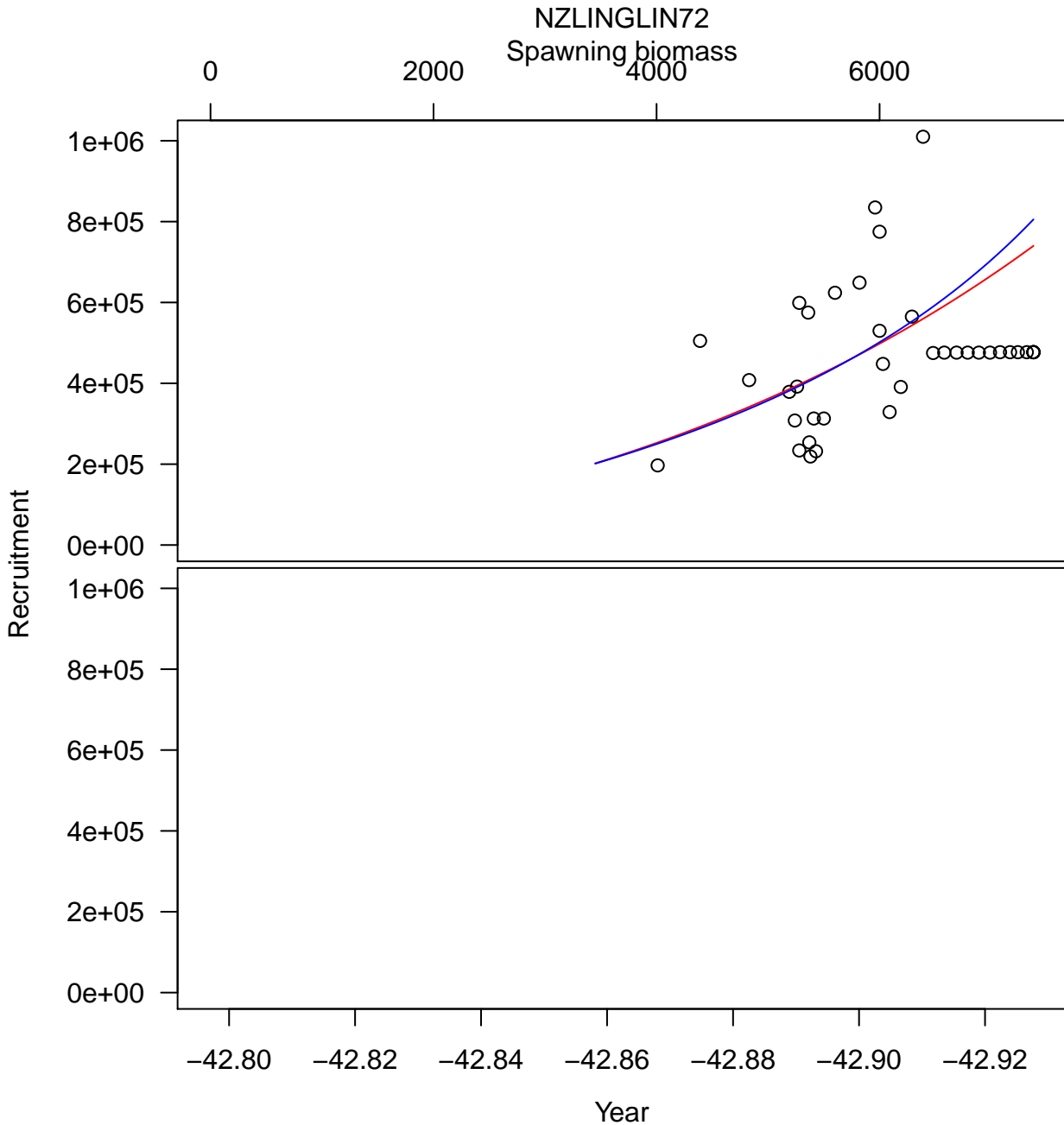
-46.0

-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

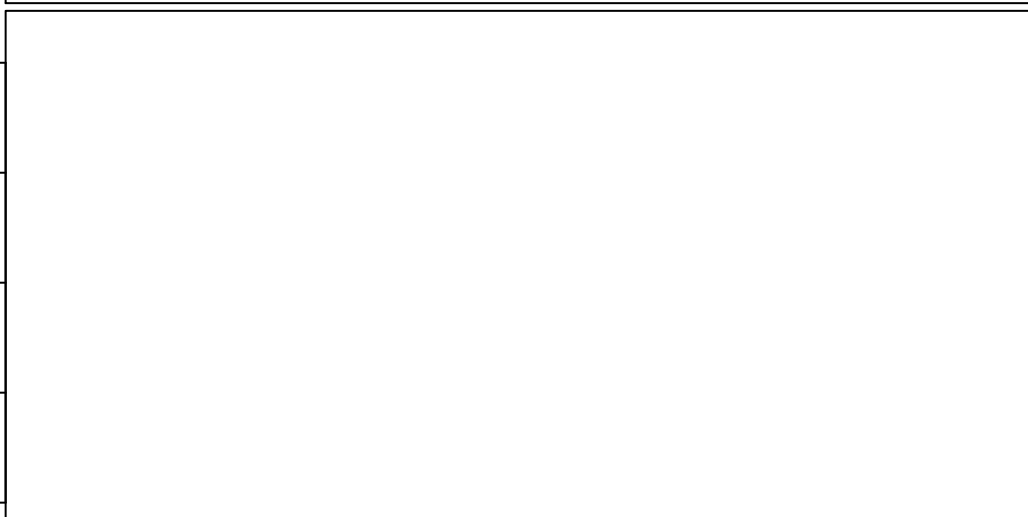
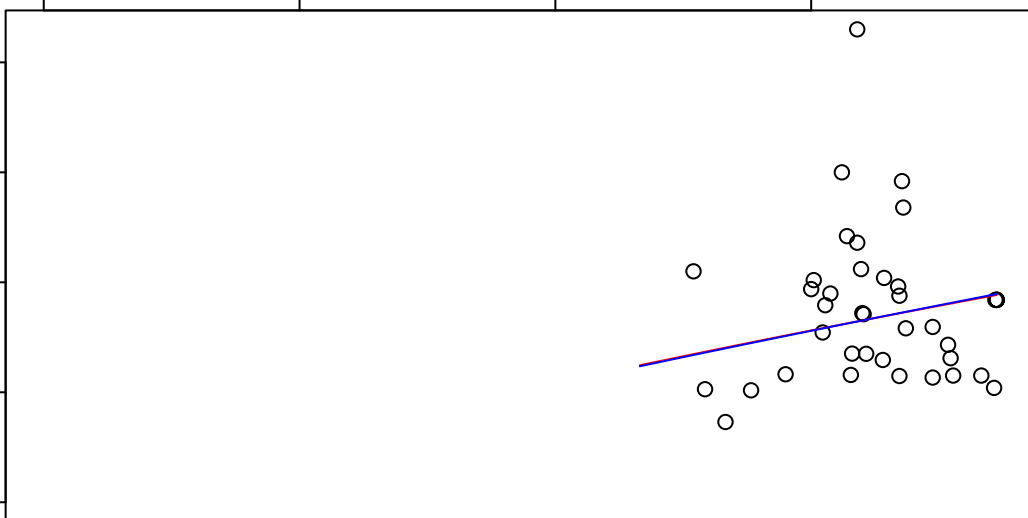
-67.062

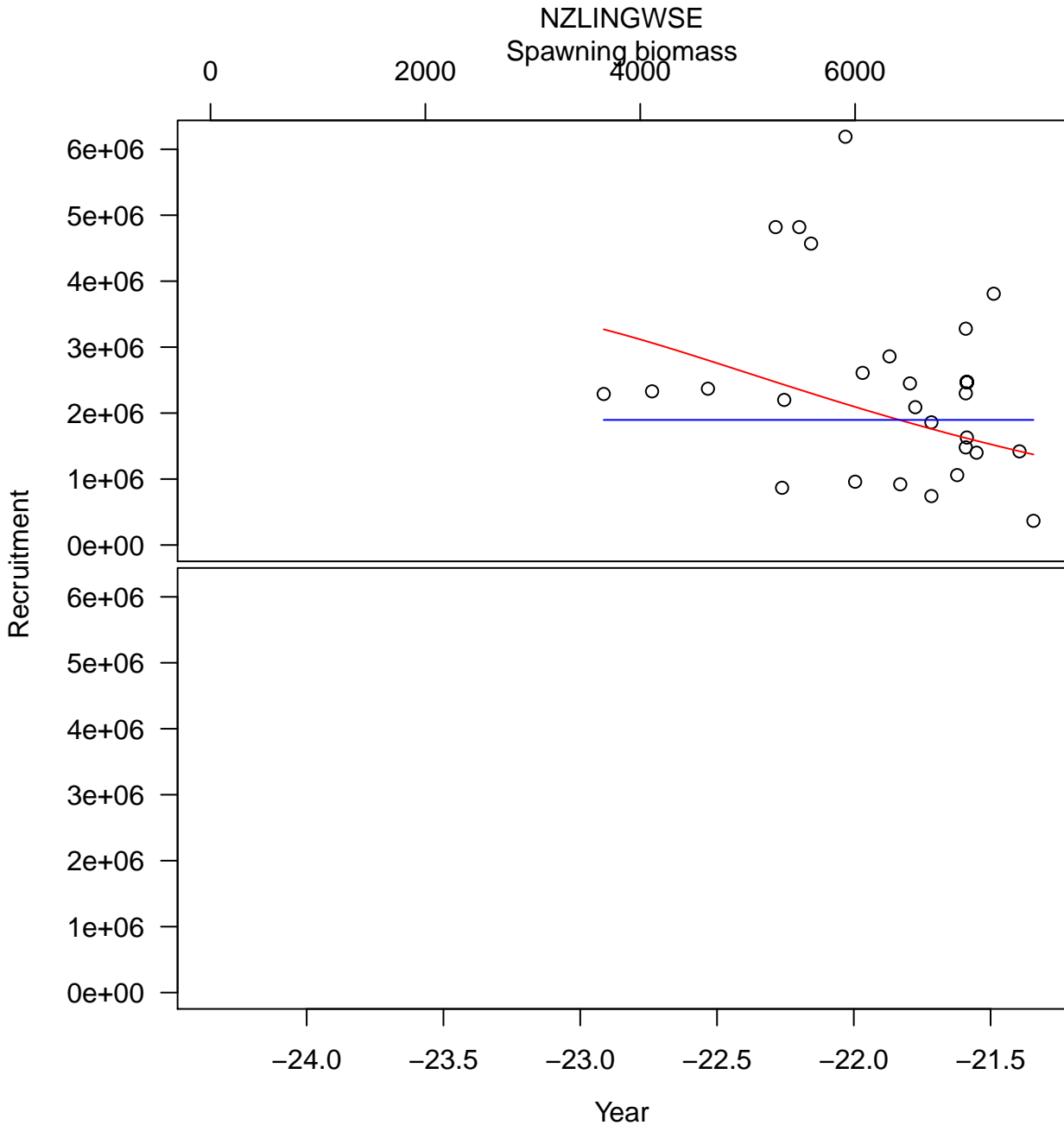
-67.061

-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

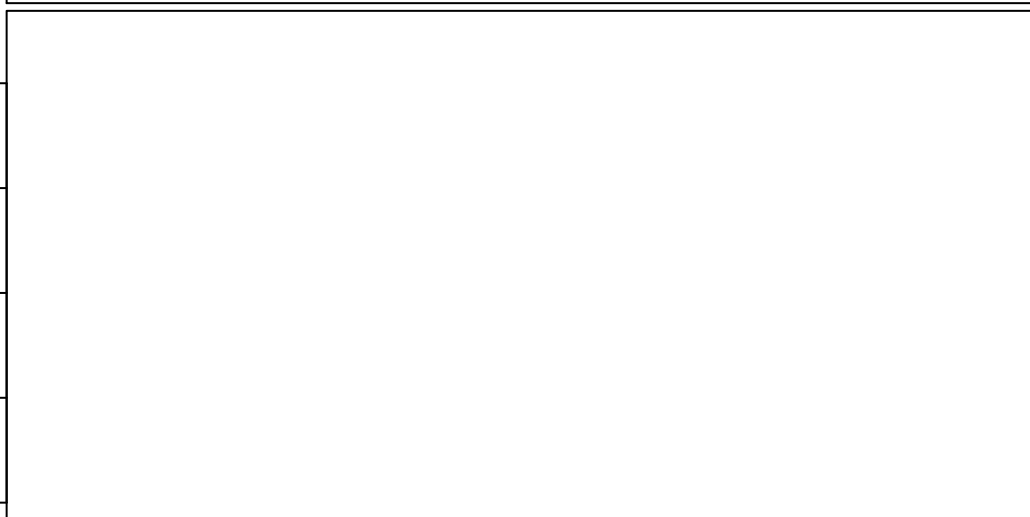
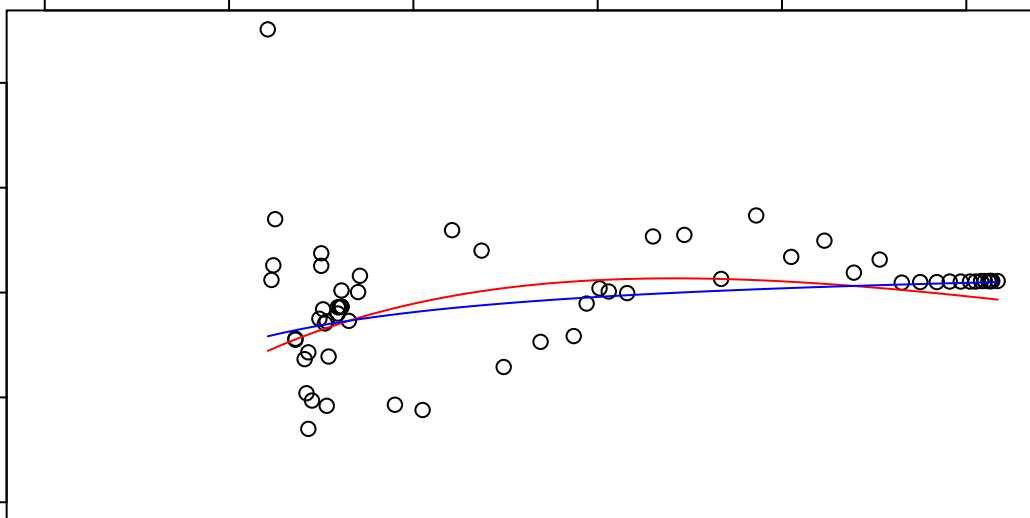
-88.5

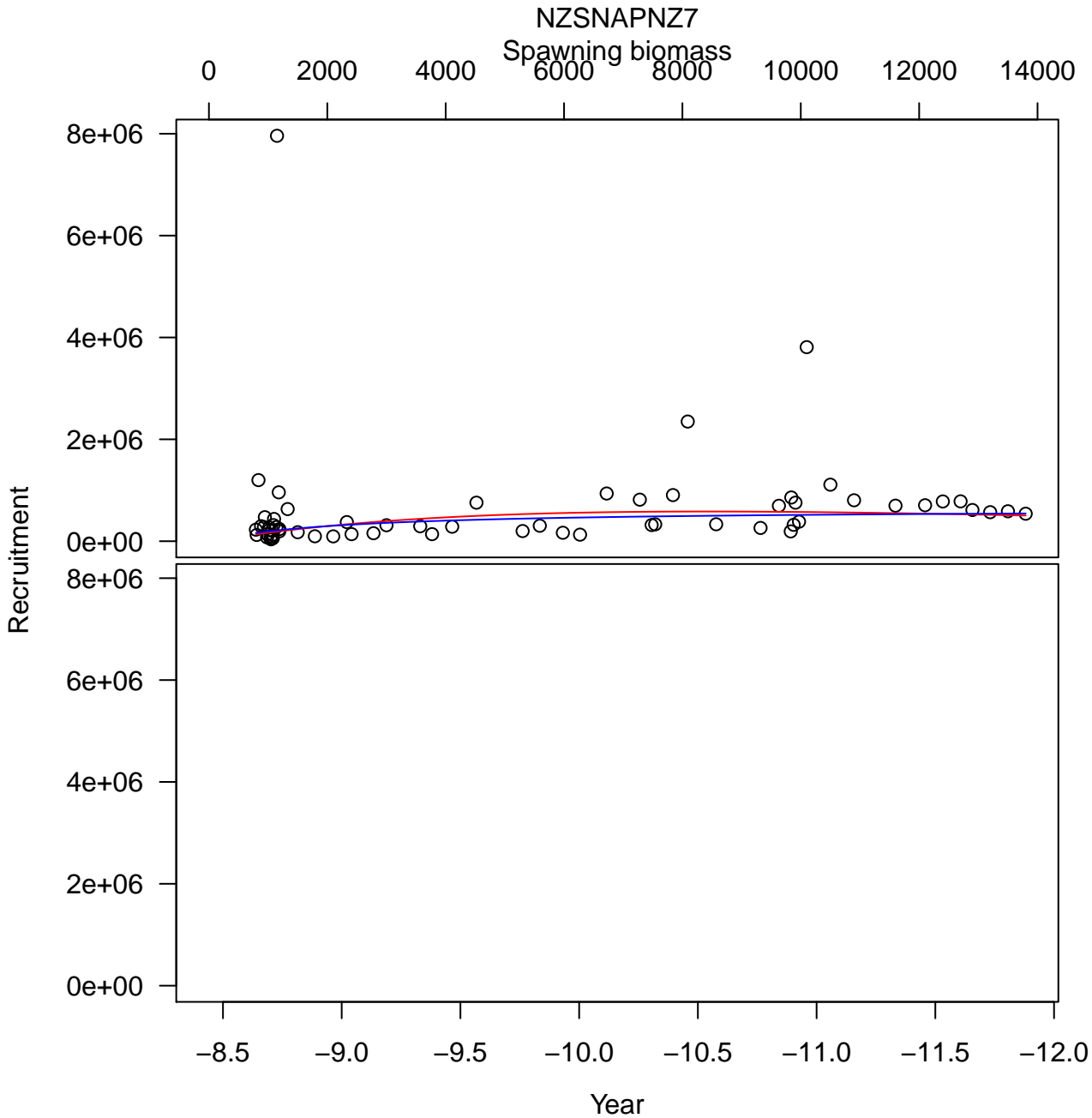
-89.0

-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

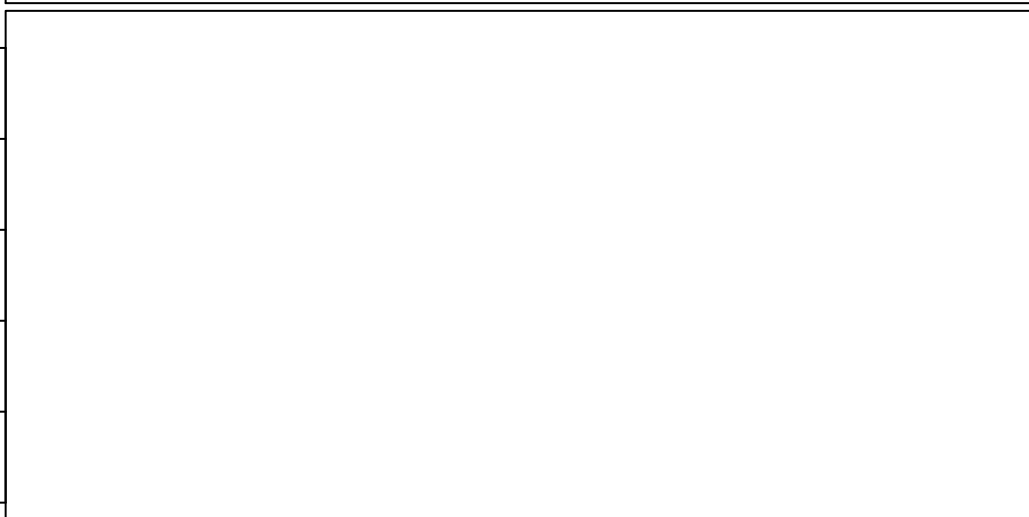
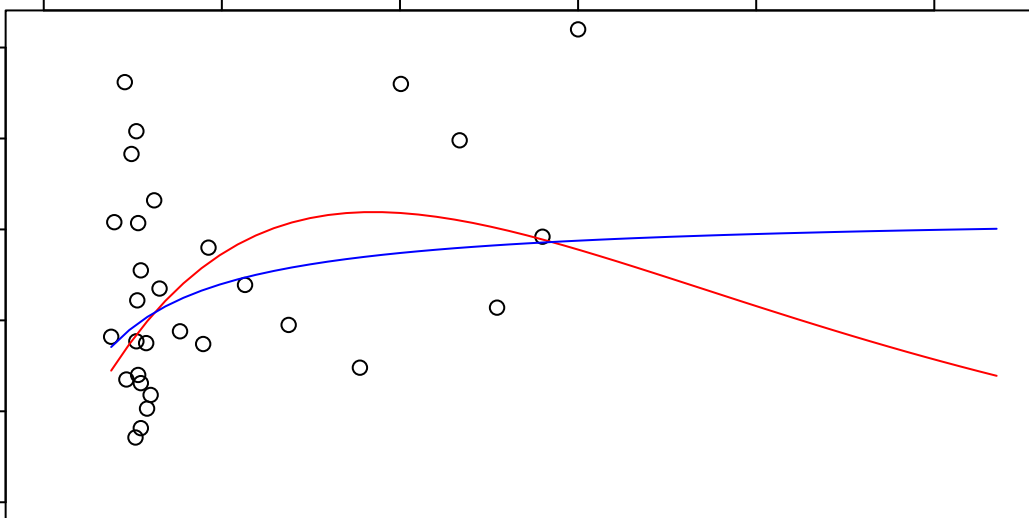
-38.0

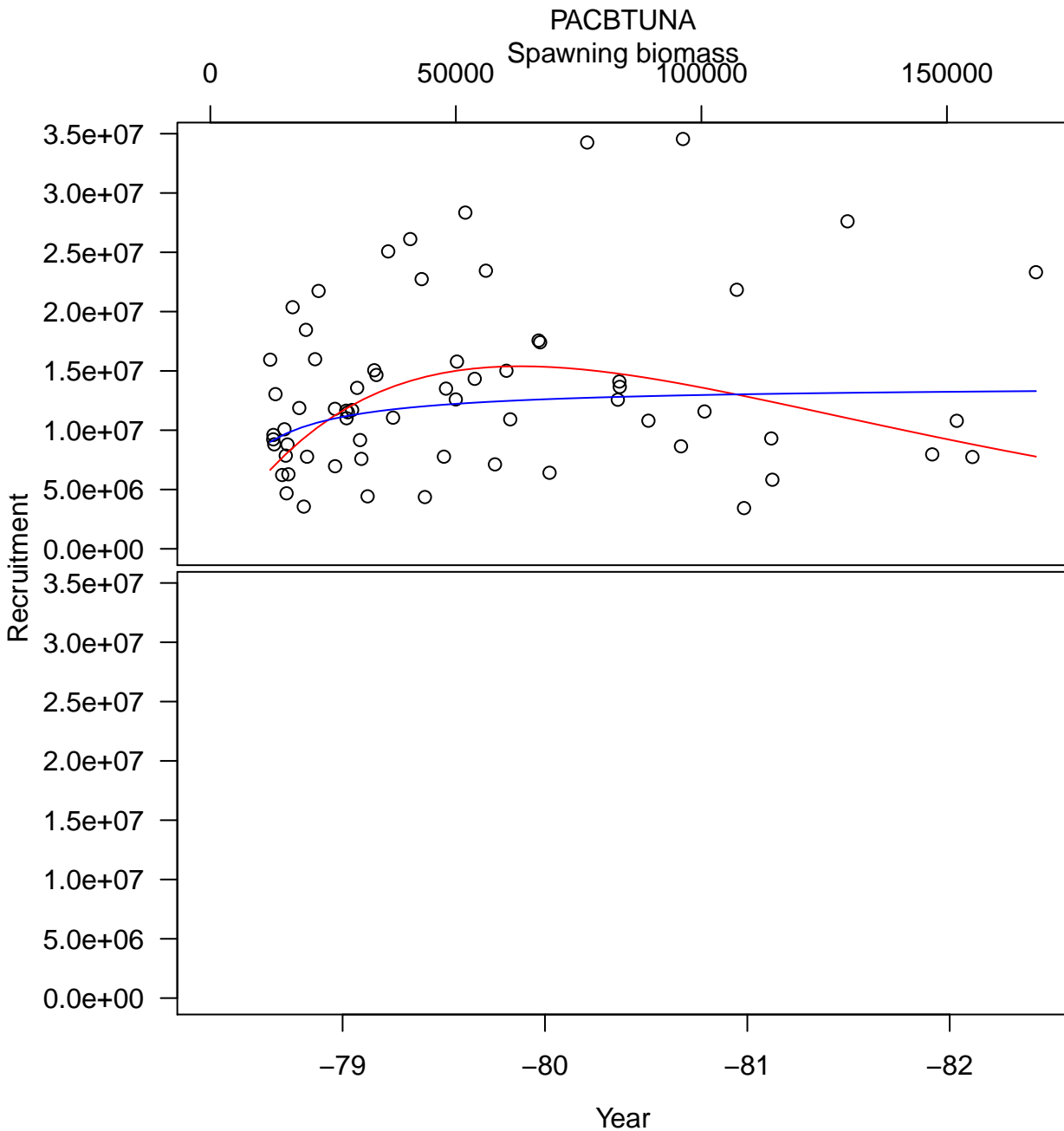
-38.5

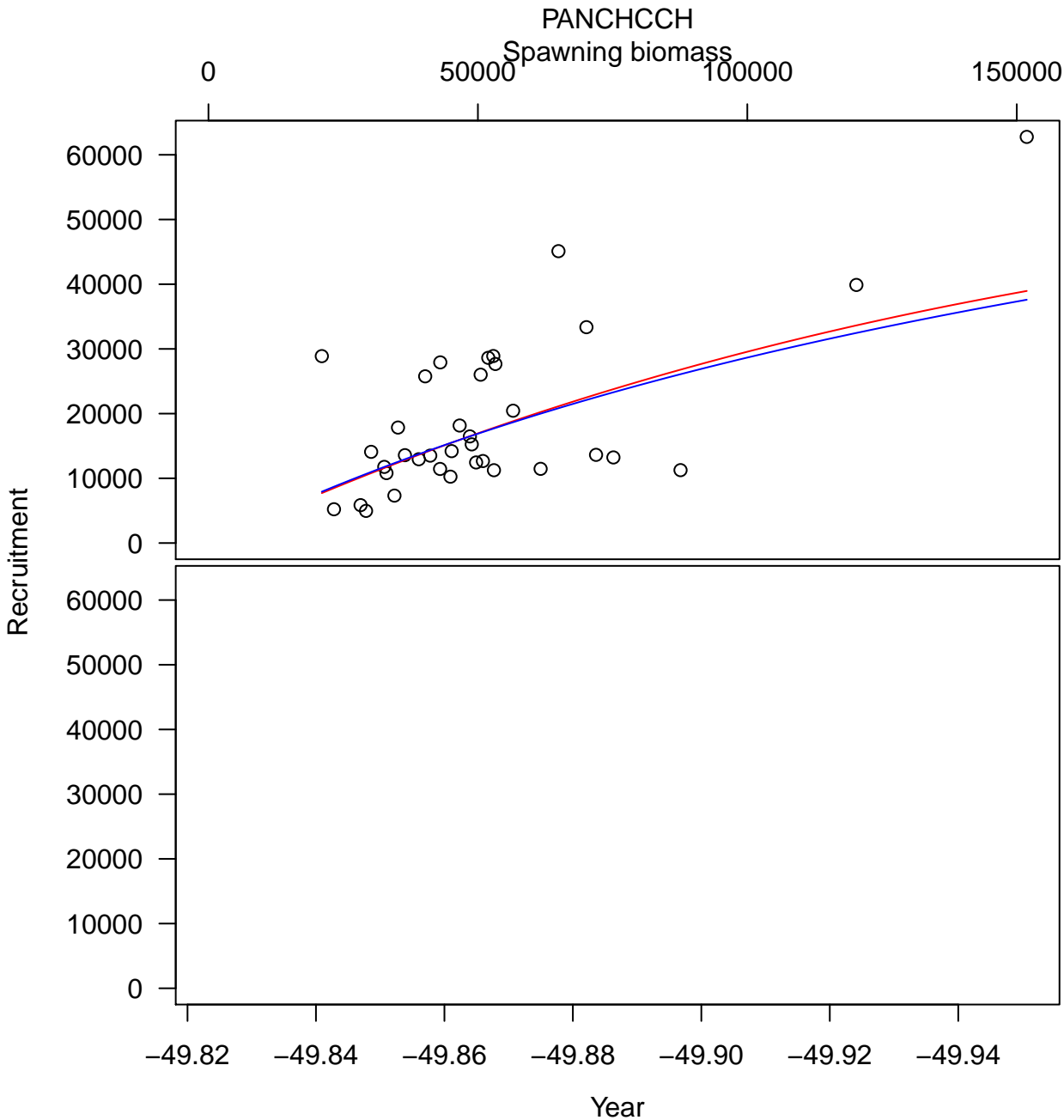
-39.0

-39.5

Year







PANCHNCHSP

Spawning biomass

0 500000 1000000 1500000 2000000 2500000

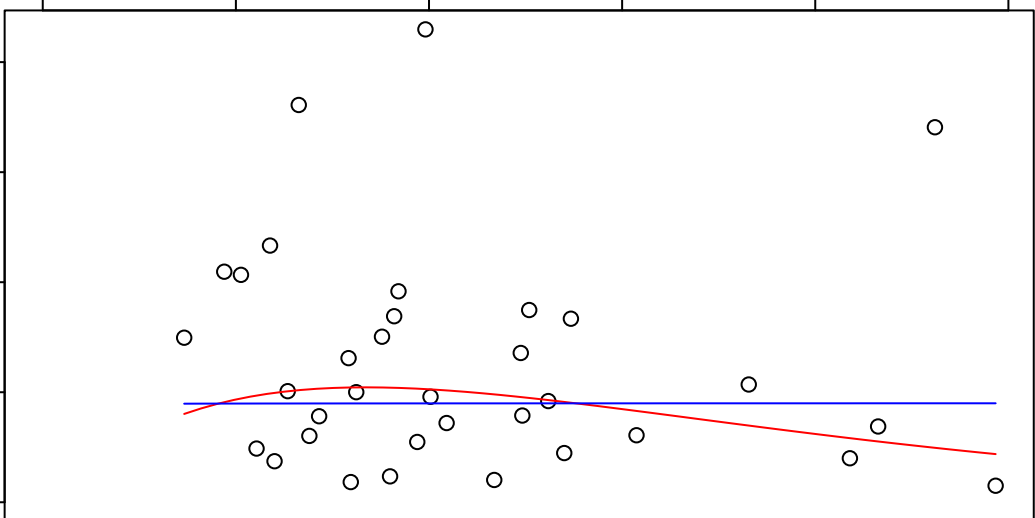
8e+05  
6e+05  
4e+05  
2e+05  
0e+00

Recruitment

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

-10.65 -10.60 -10.55 -10.50 -10.45 -10.40

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

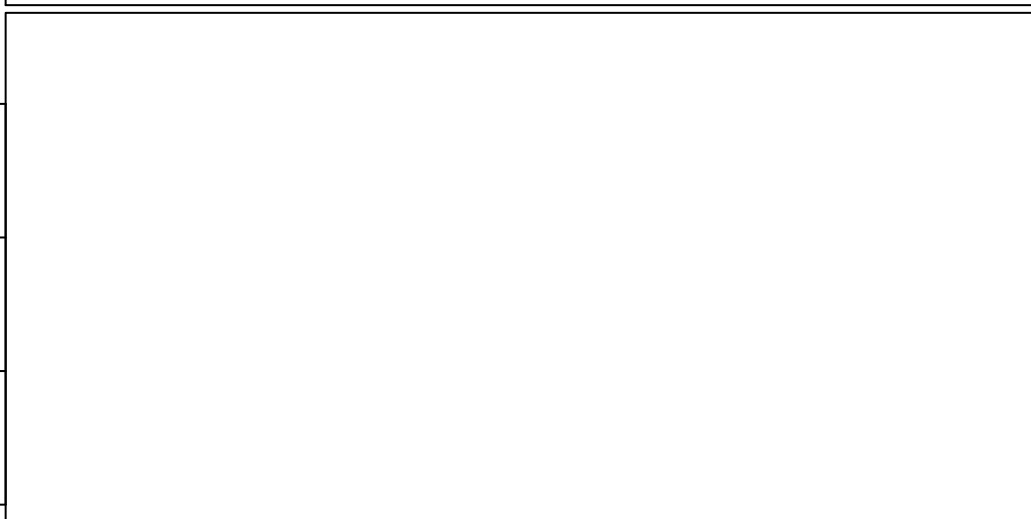
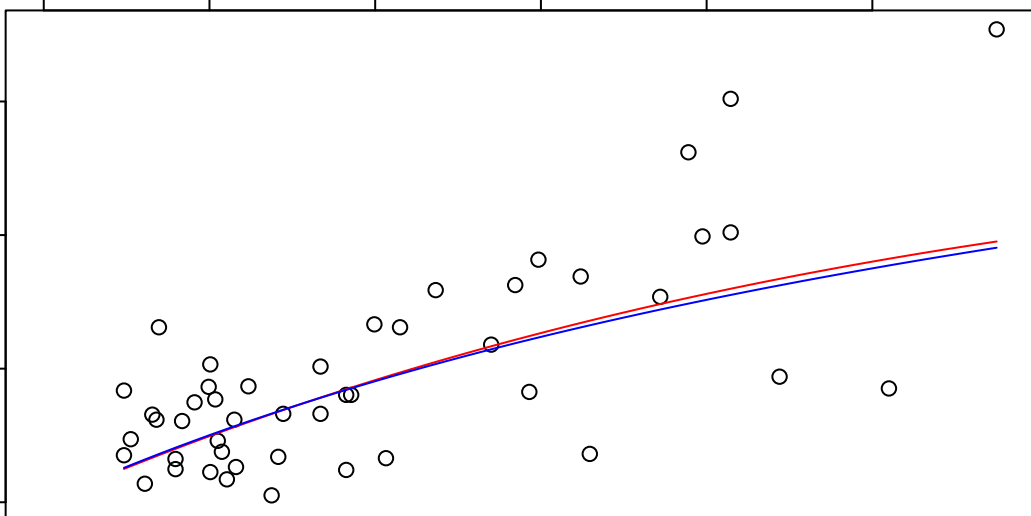
-33.00

-33.05

-33.10

-33.15

Year



PANDALIIIaW.IVaE

Spawning biomass

0

5000

10000

15000

20000

$1.5 \times 10^{10}$

$1.0 \times 10^{10}$

$5.0 \times 10^9$

$0.0 \times 10^0$

Recruitment

$1.5 \times 10^{10}$

$1.0 \times 10^{10}$

$5.0 \times 10^9$

$0.0 \times 10^0$

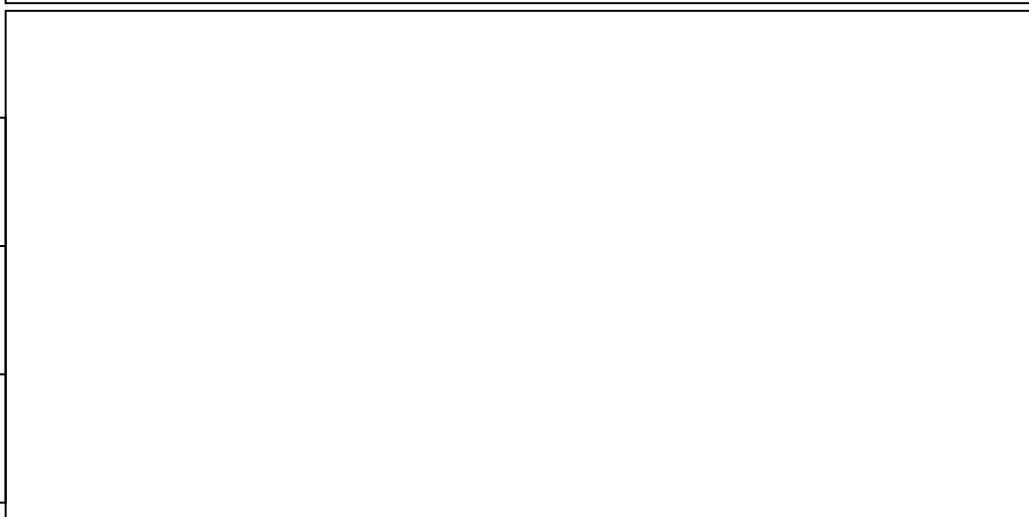
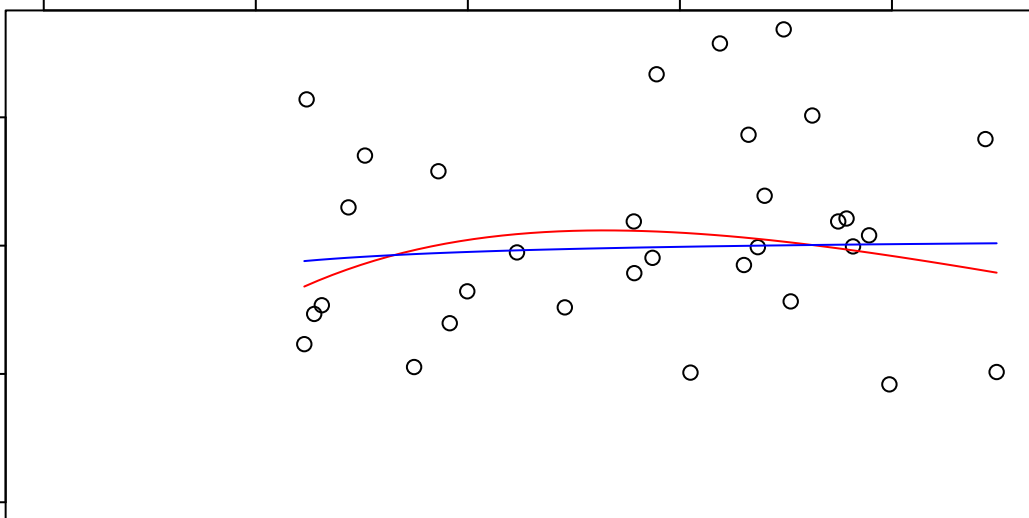
-60.00

-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

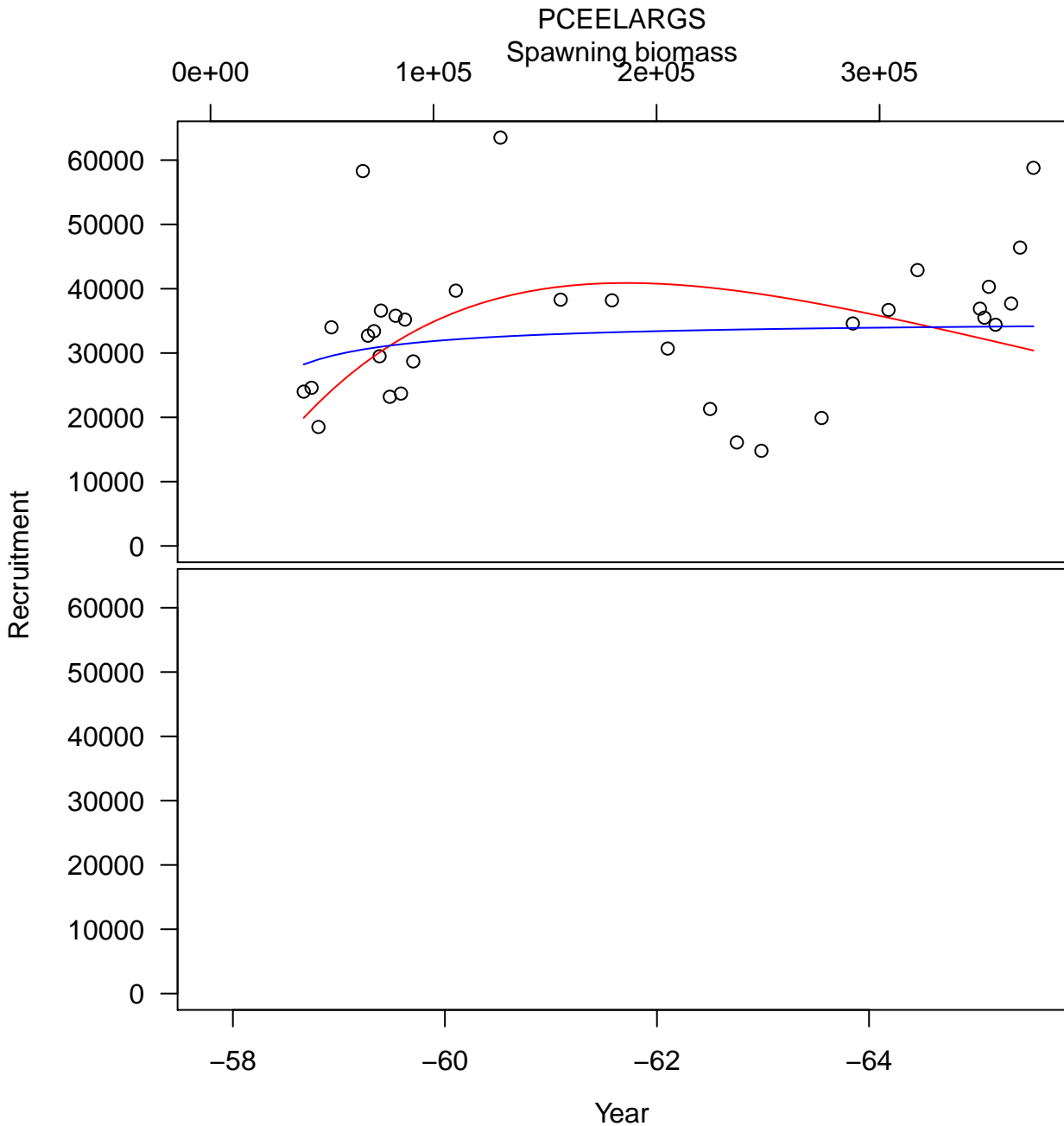
-34.14

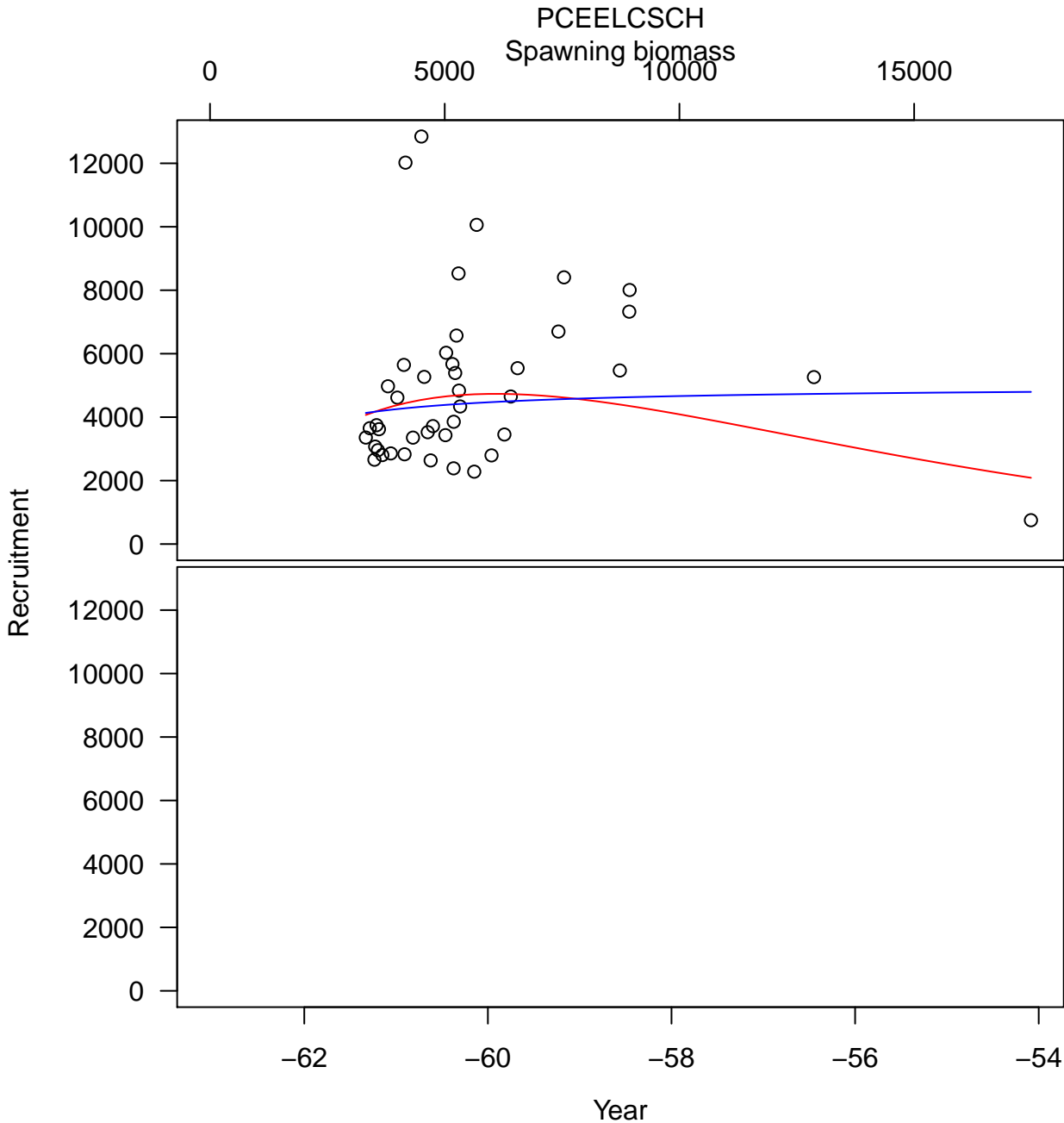
-34.16

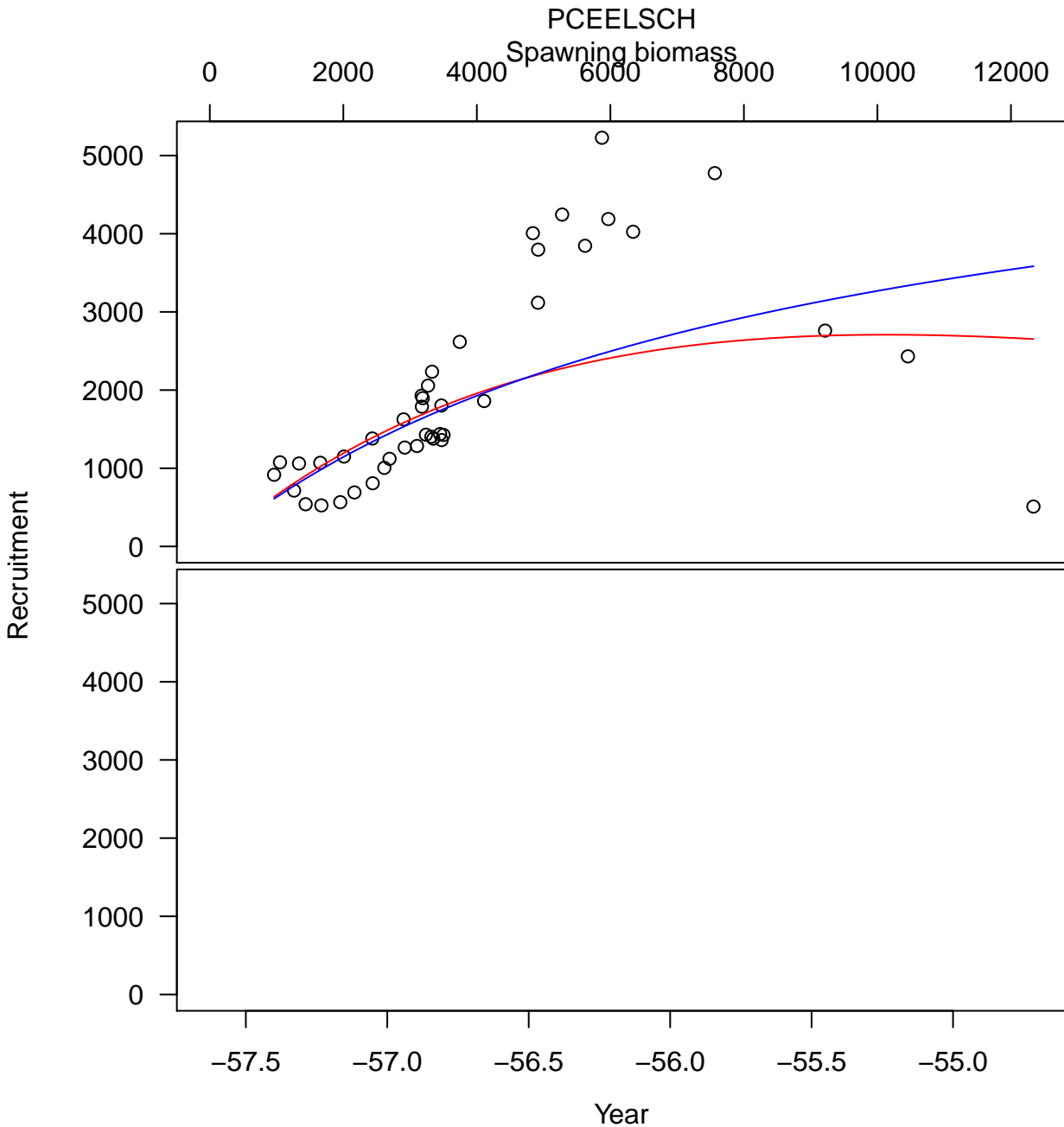
-34.18

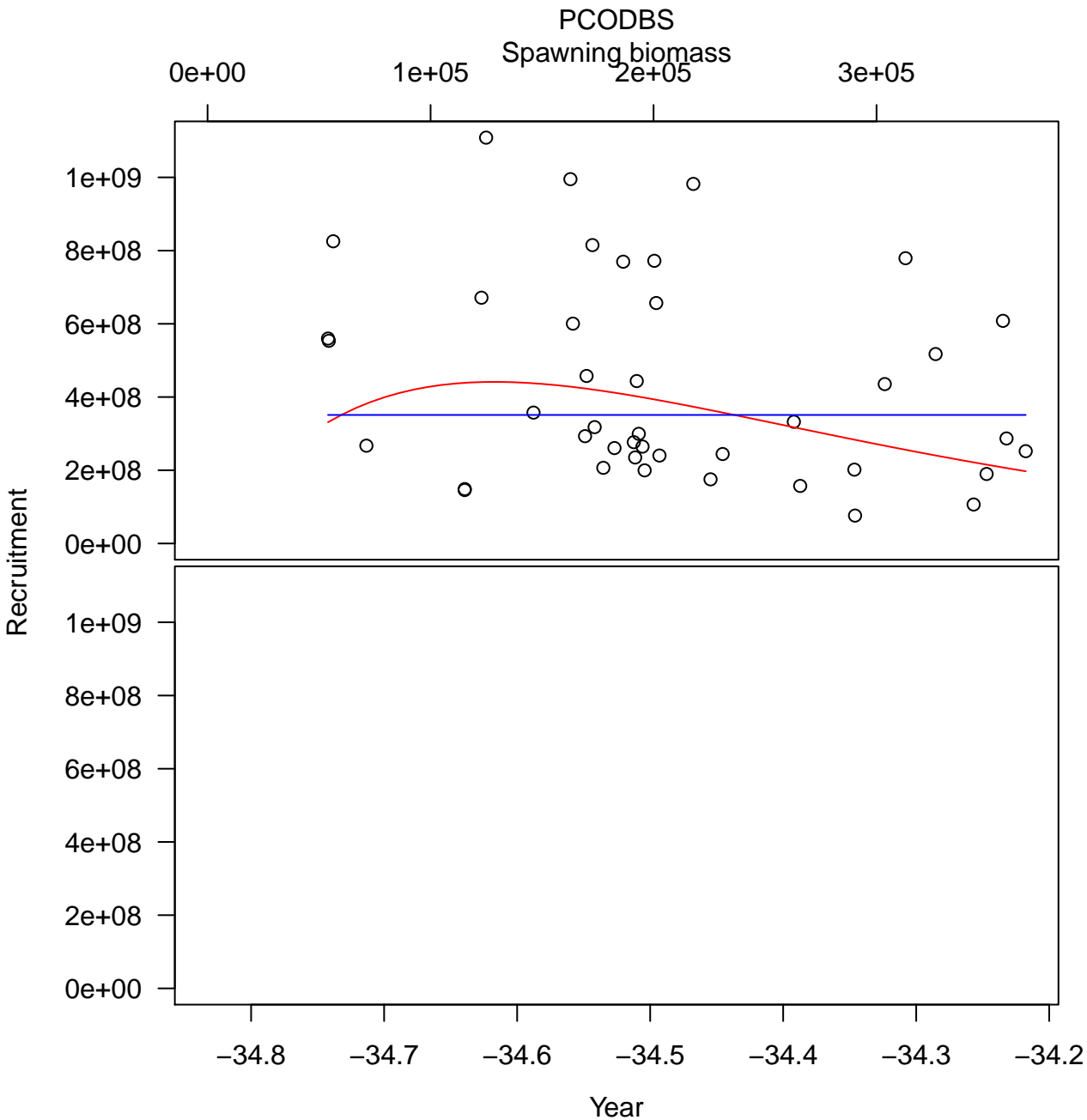
-34.20

Year

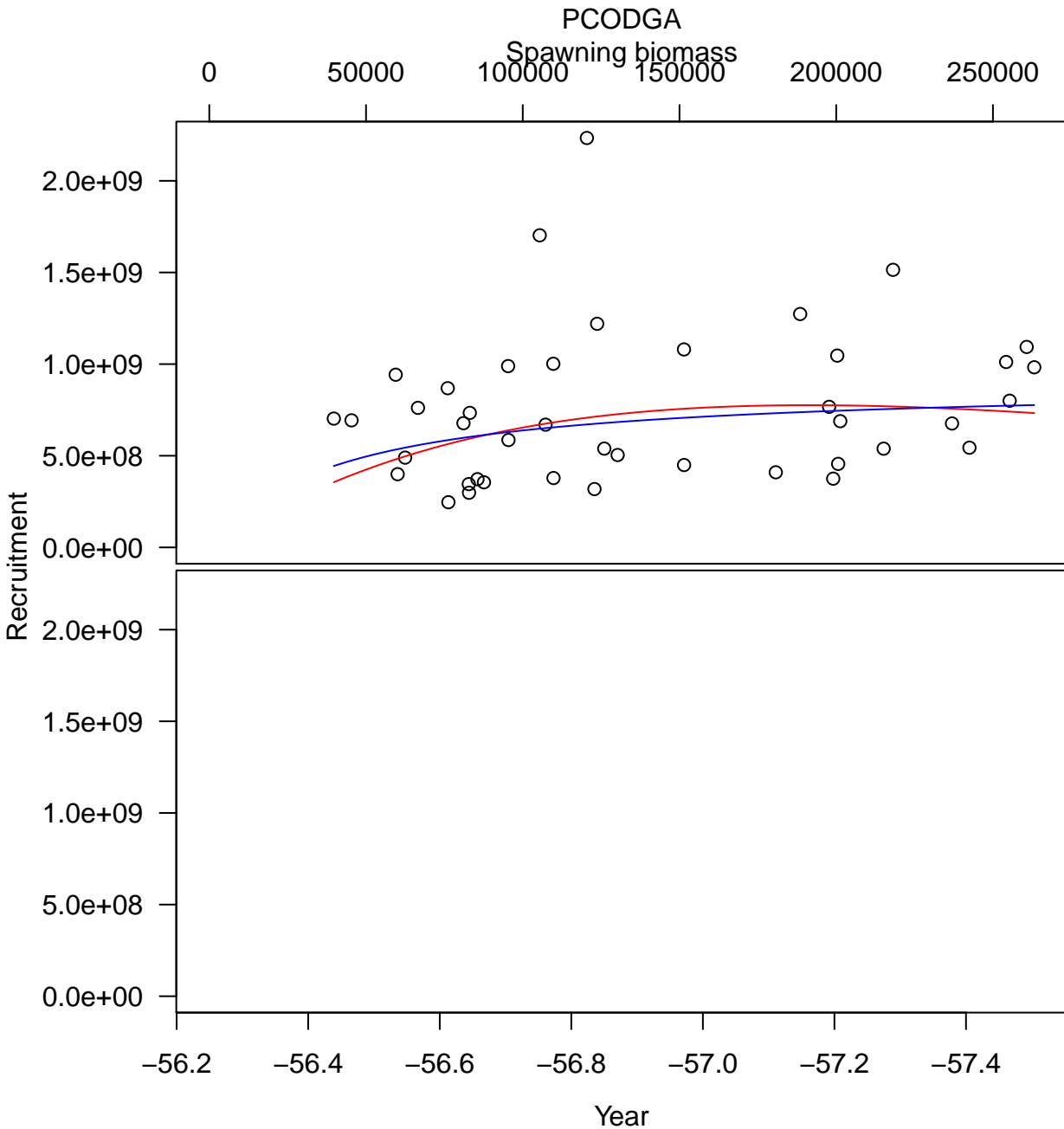


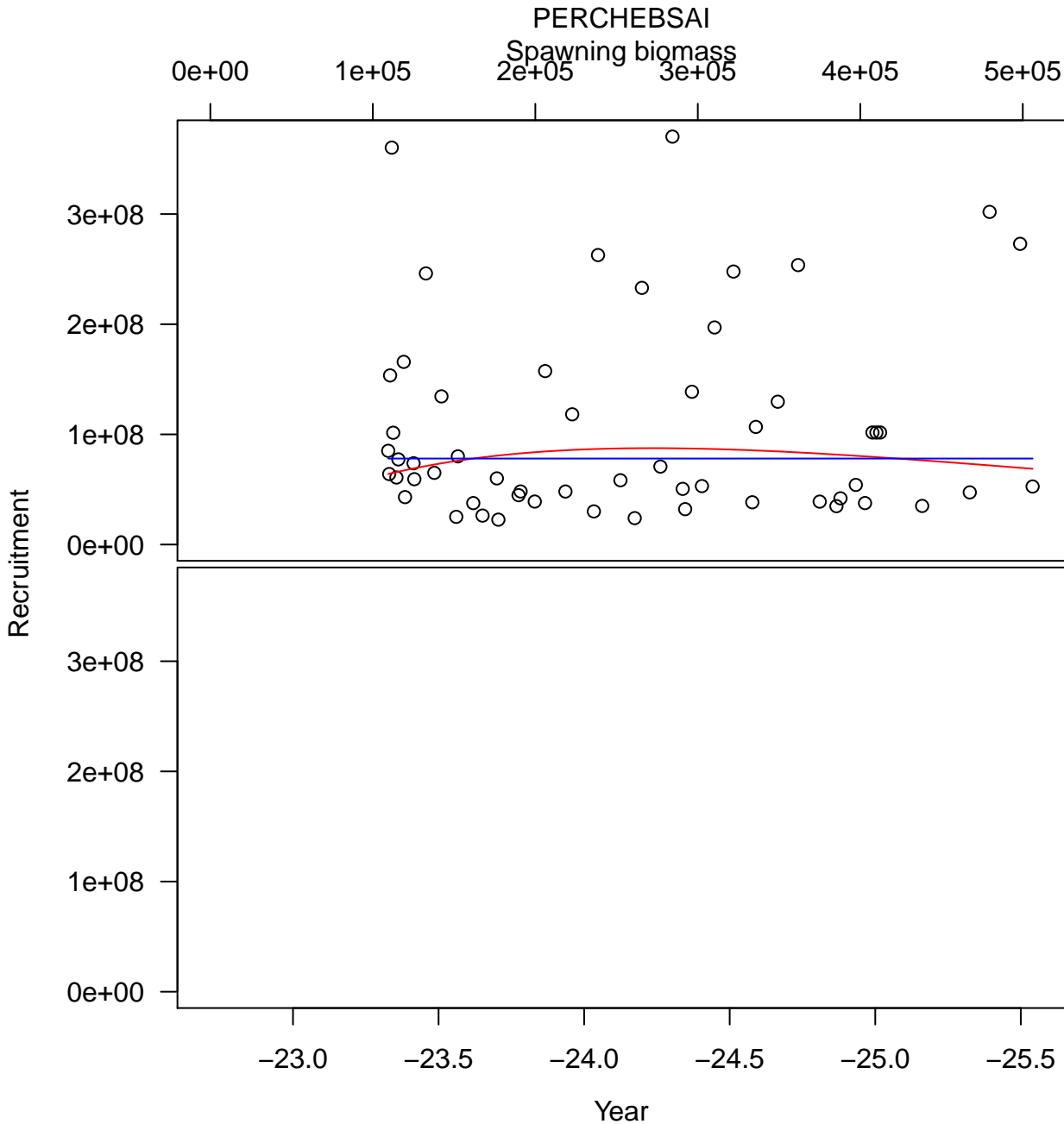


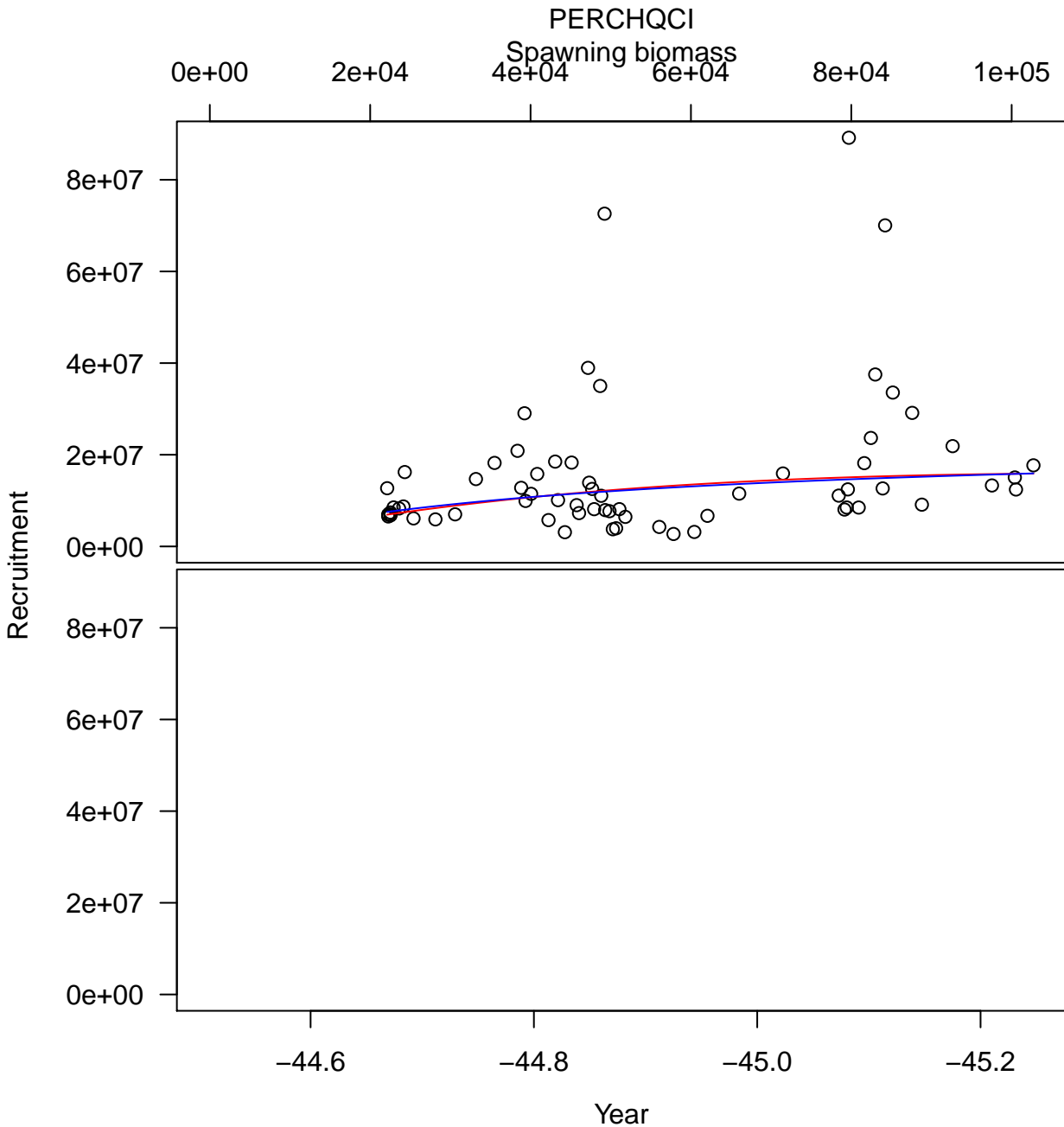












PERCHWCVANI  
Spawning biomass

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

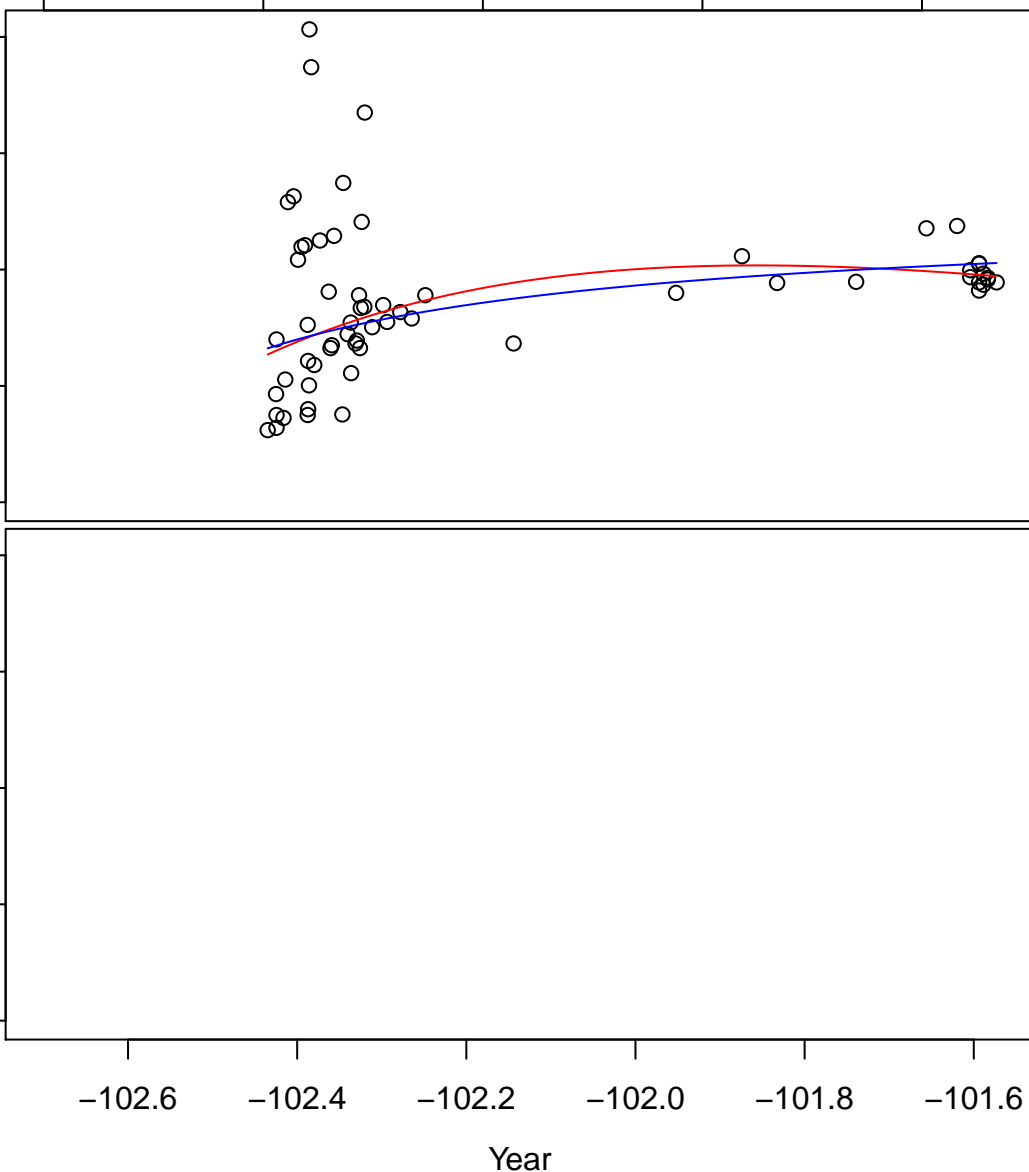
-102.2

-102.0

-101.8

-101.6

Year



PHAKEPCOAST

Spawning biomass

0 500000 1000000 1500000 2000000 2500000

1.5e+10

1.0e+10

5.0e+09

0.0e+00

Recruitment

1.5e+10

1.0e+10

5.0e+09

0.0e+00

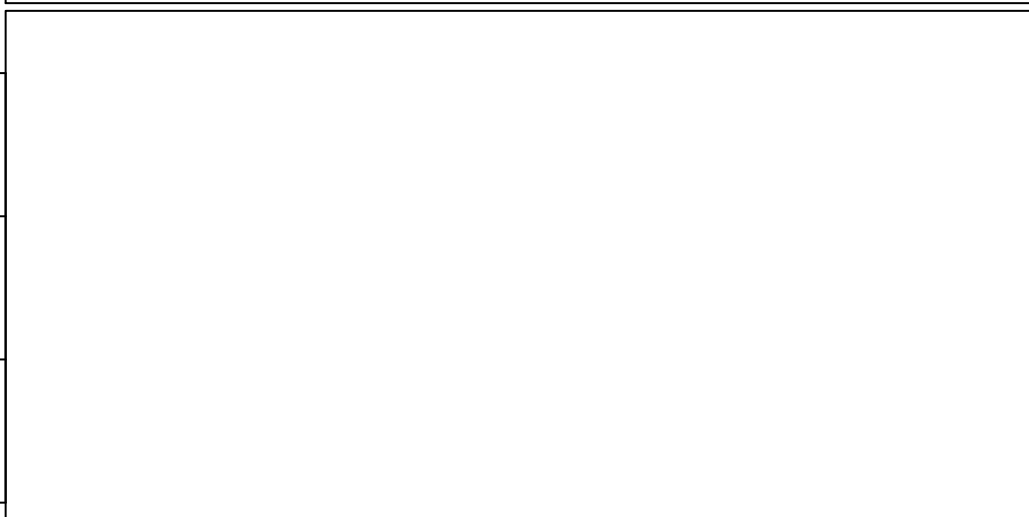
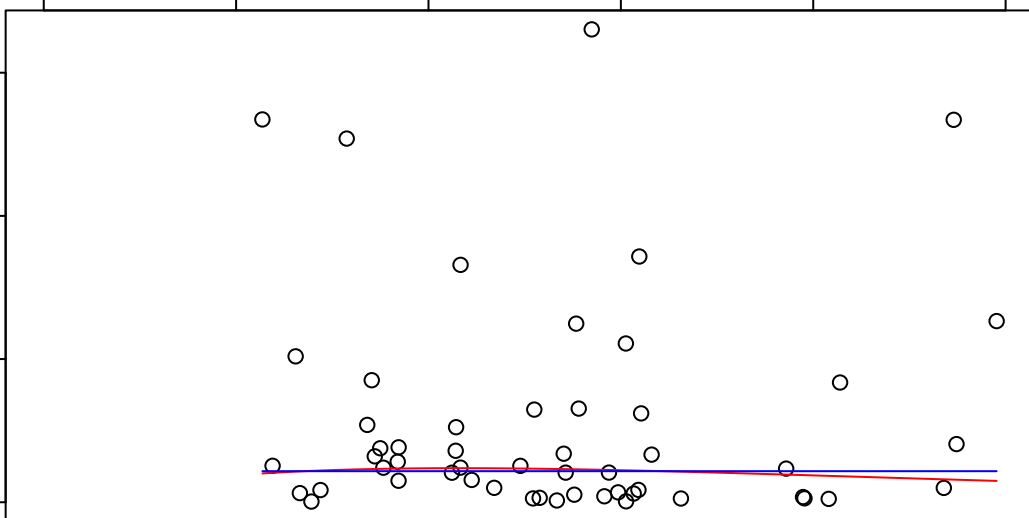
48.4

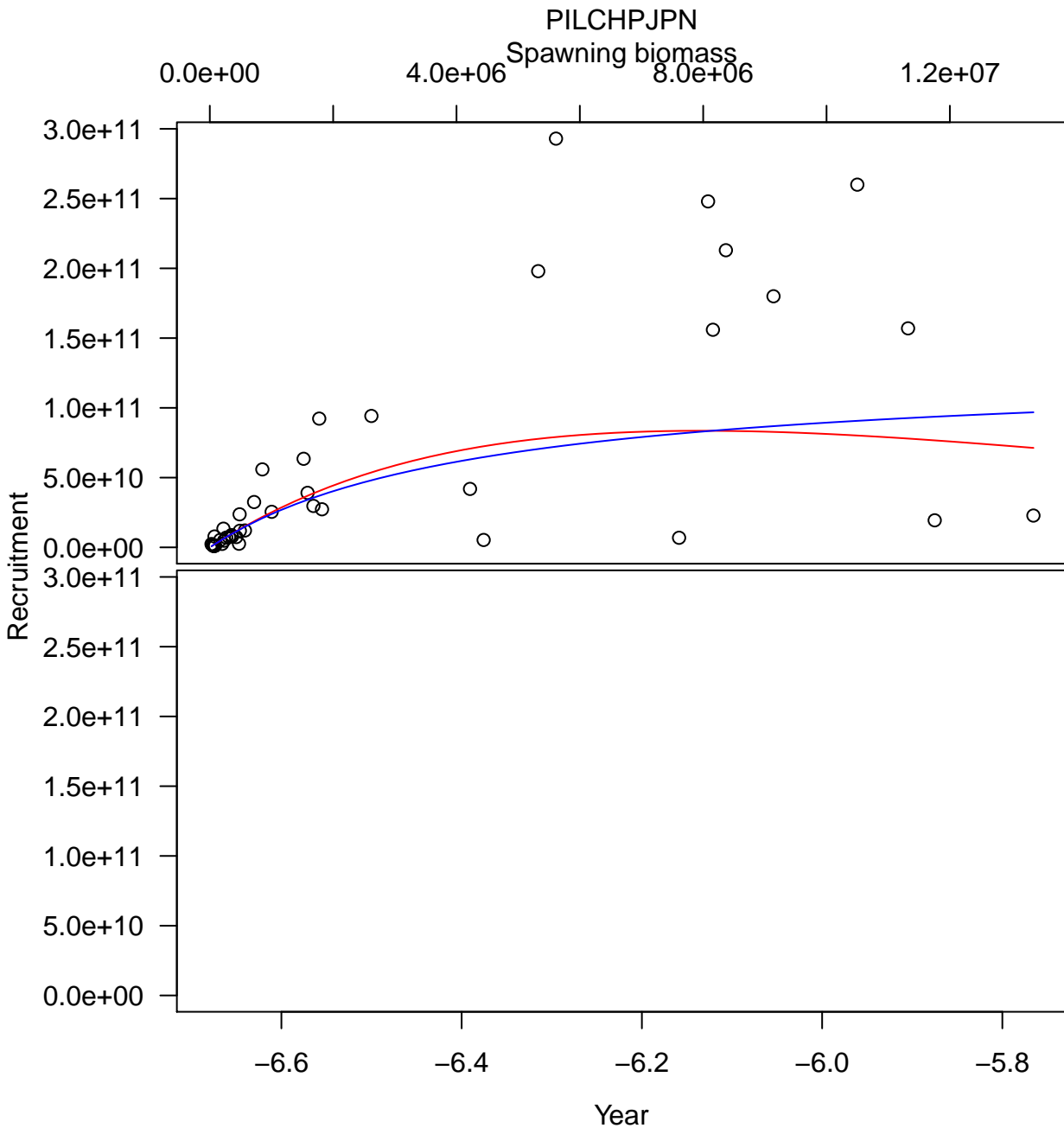
48.2

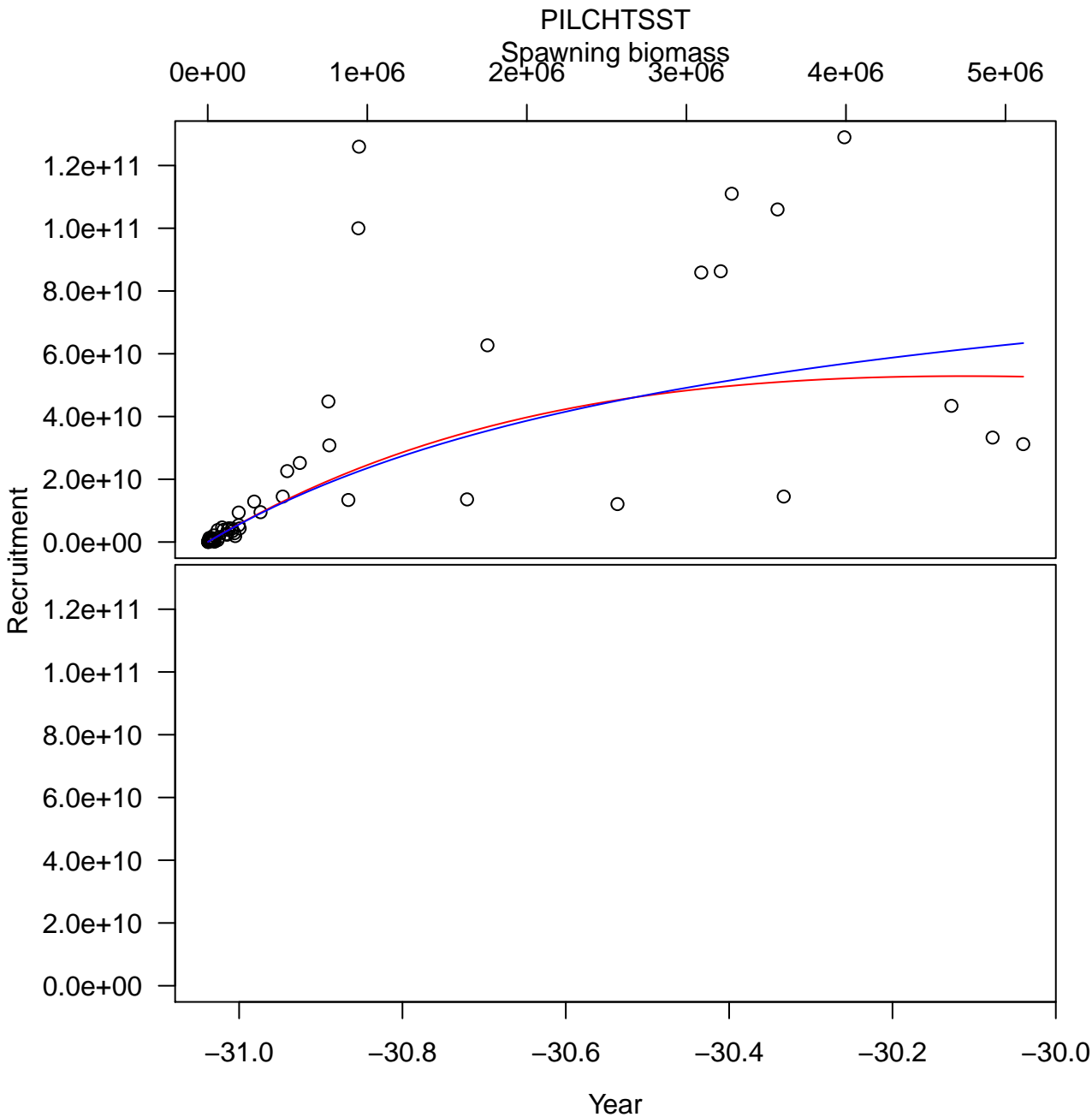
48.0

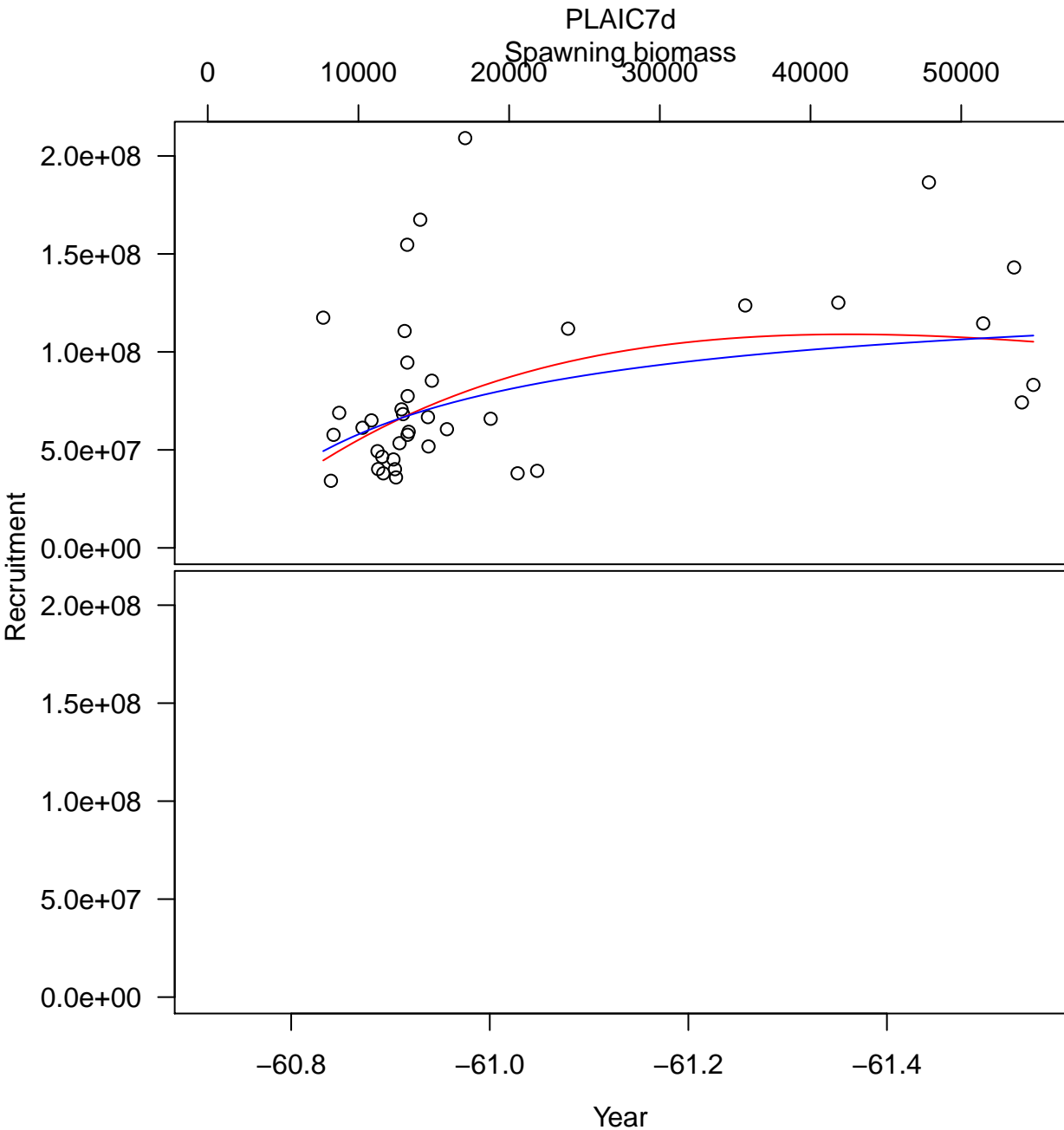
47.8

Year

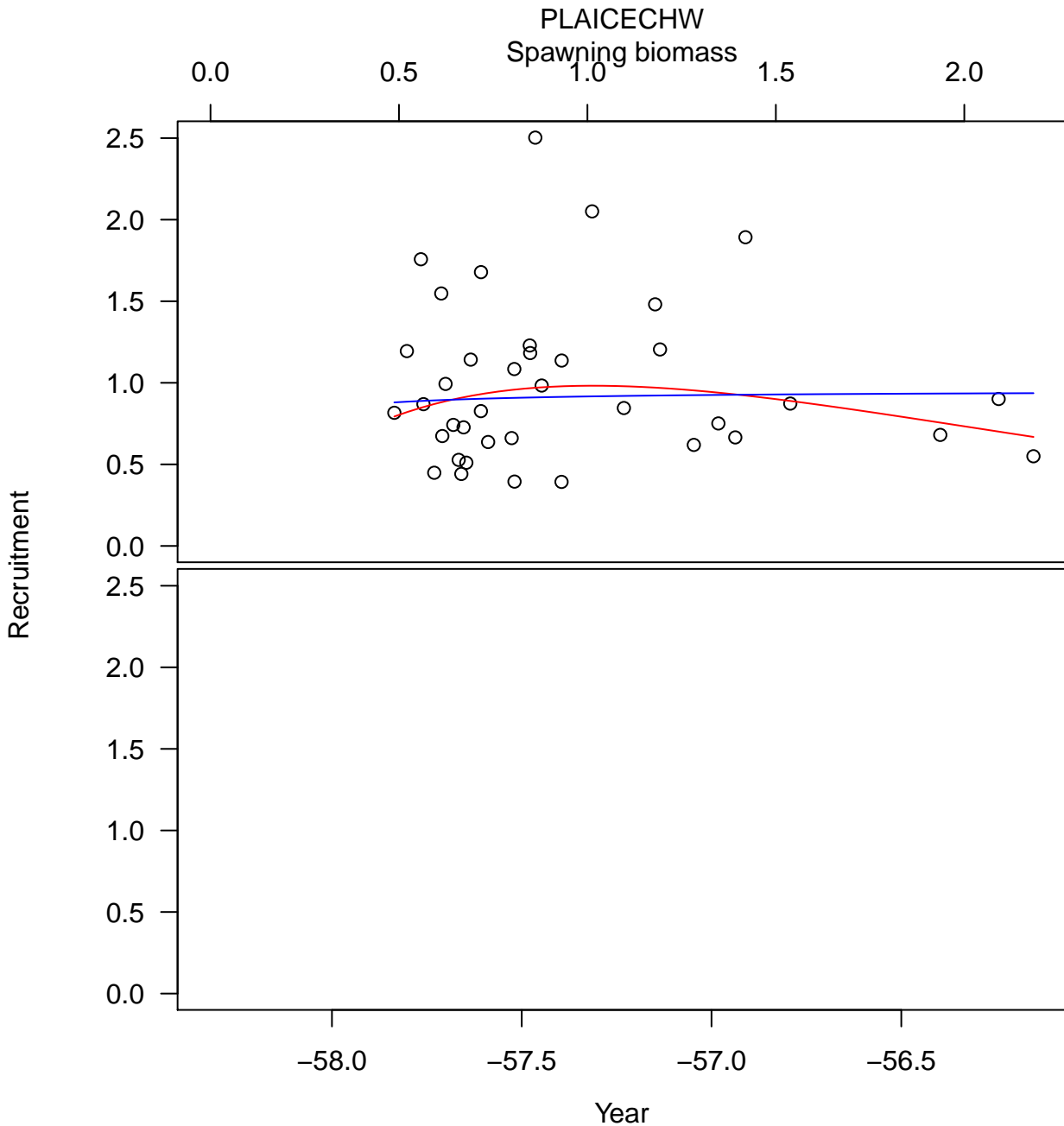












# PLAICNS

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

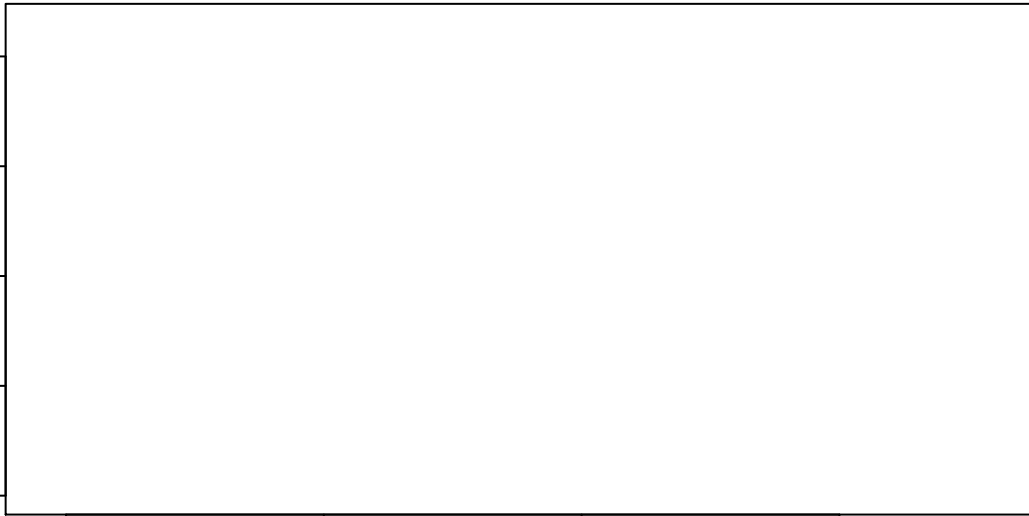
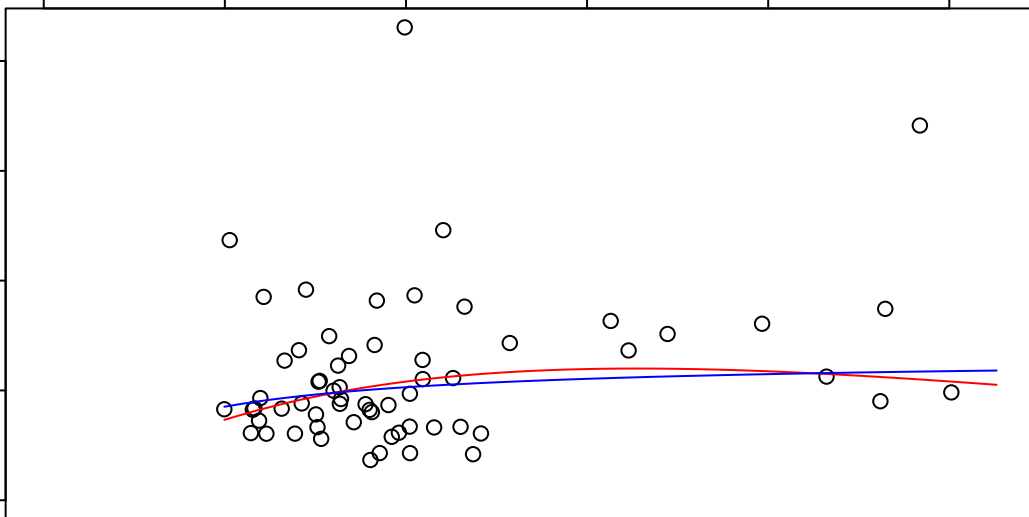
-88.5

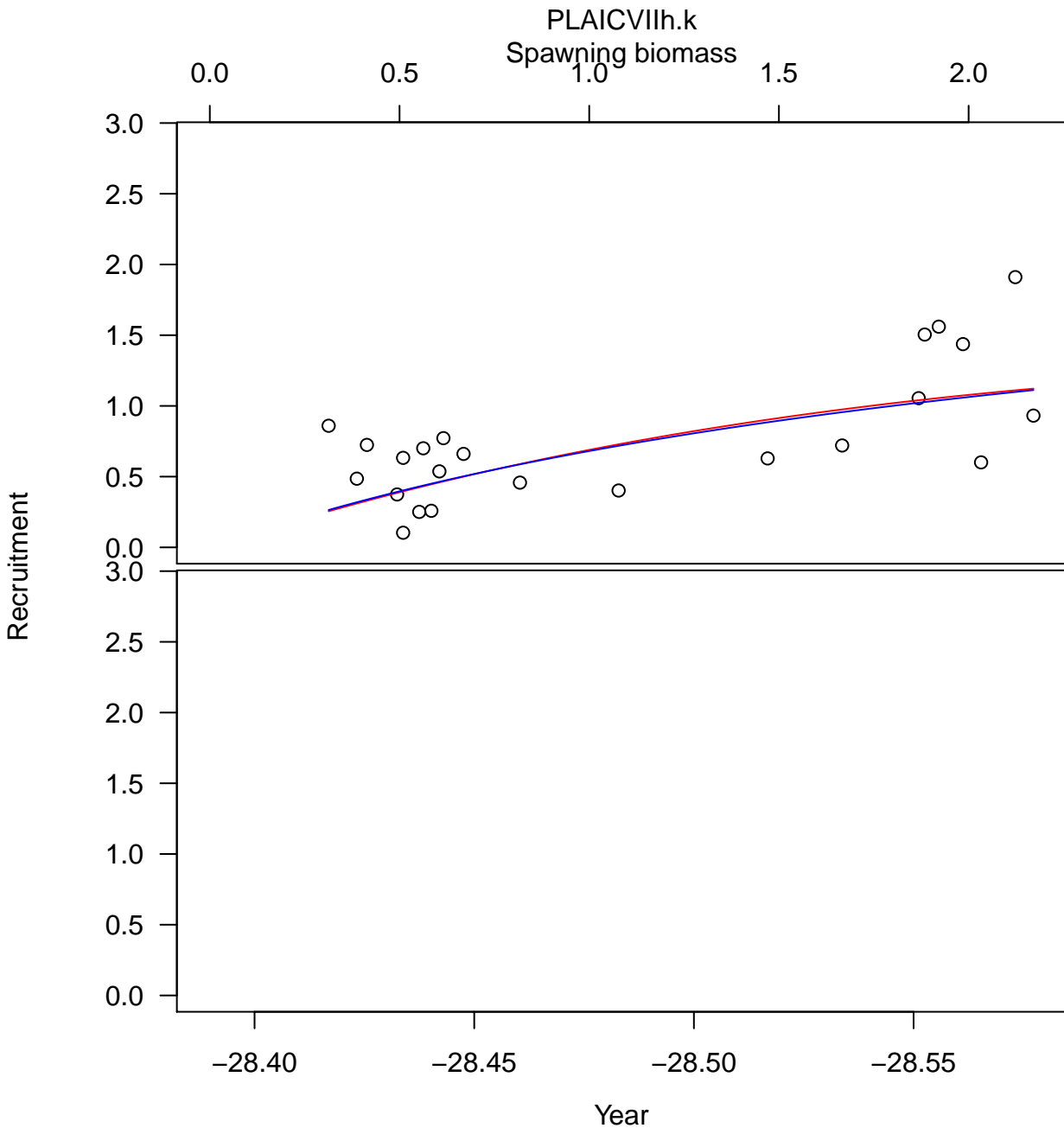
-89.0

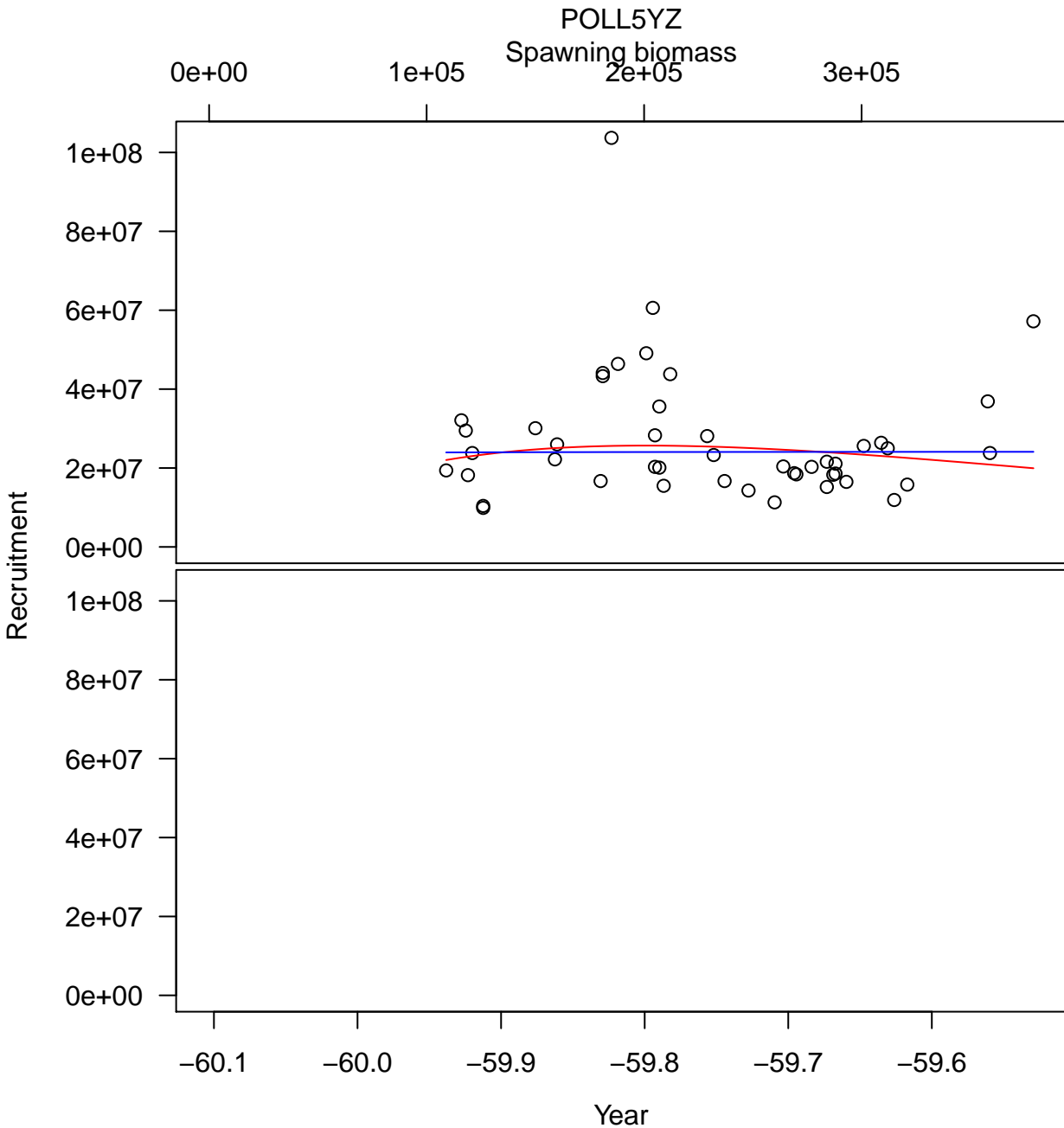
-89.5

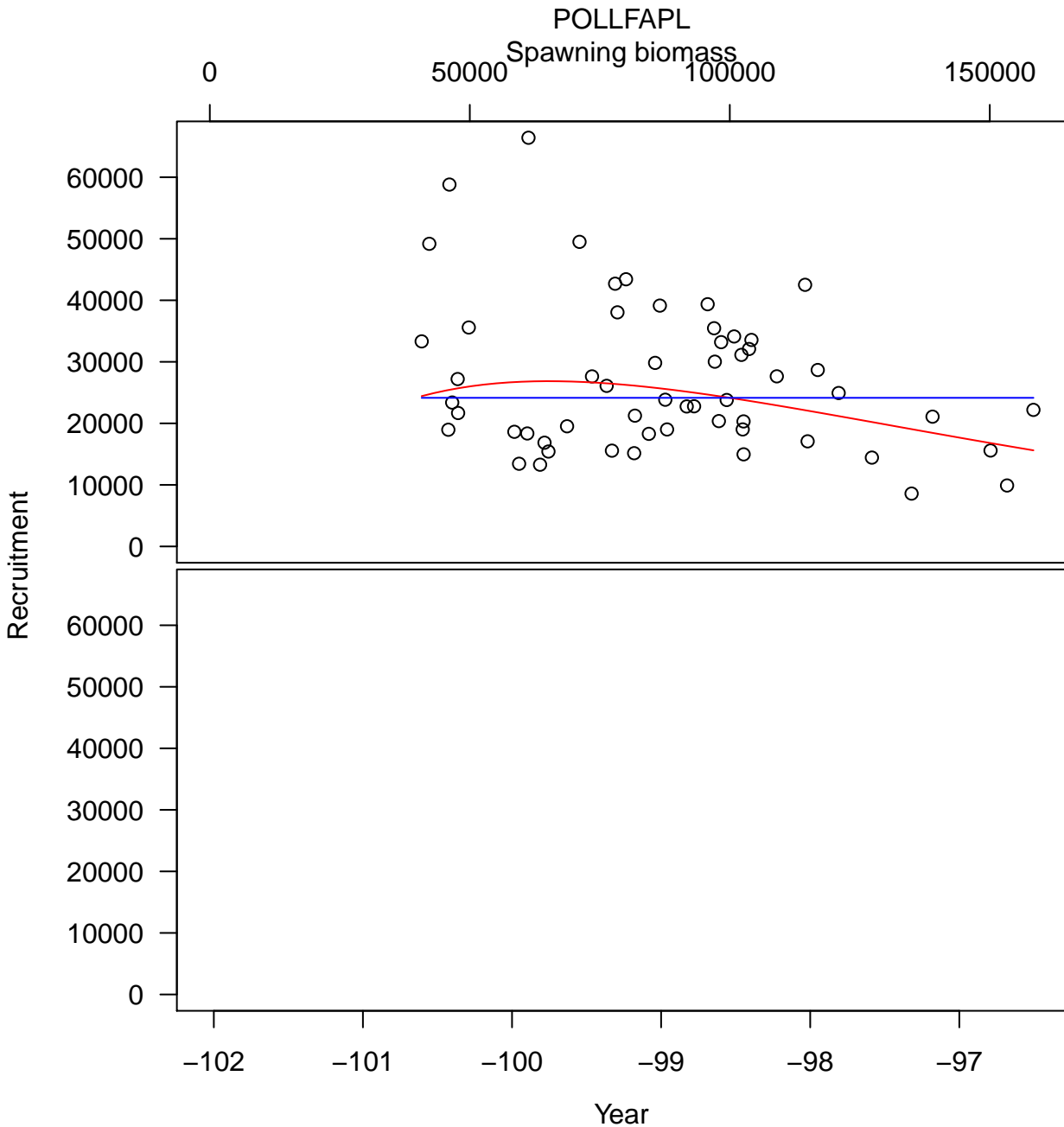
-90.0

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

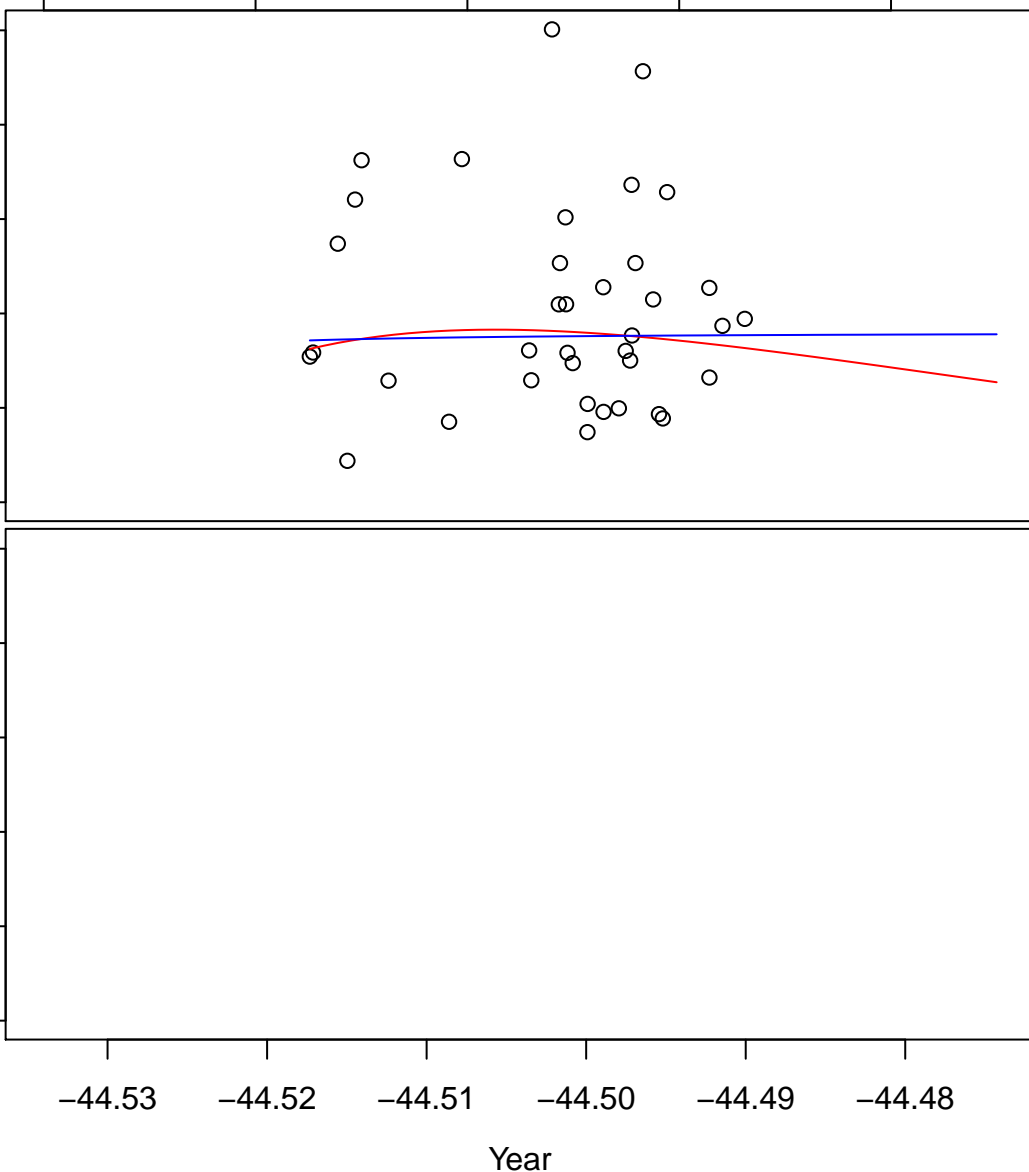
-44.51

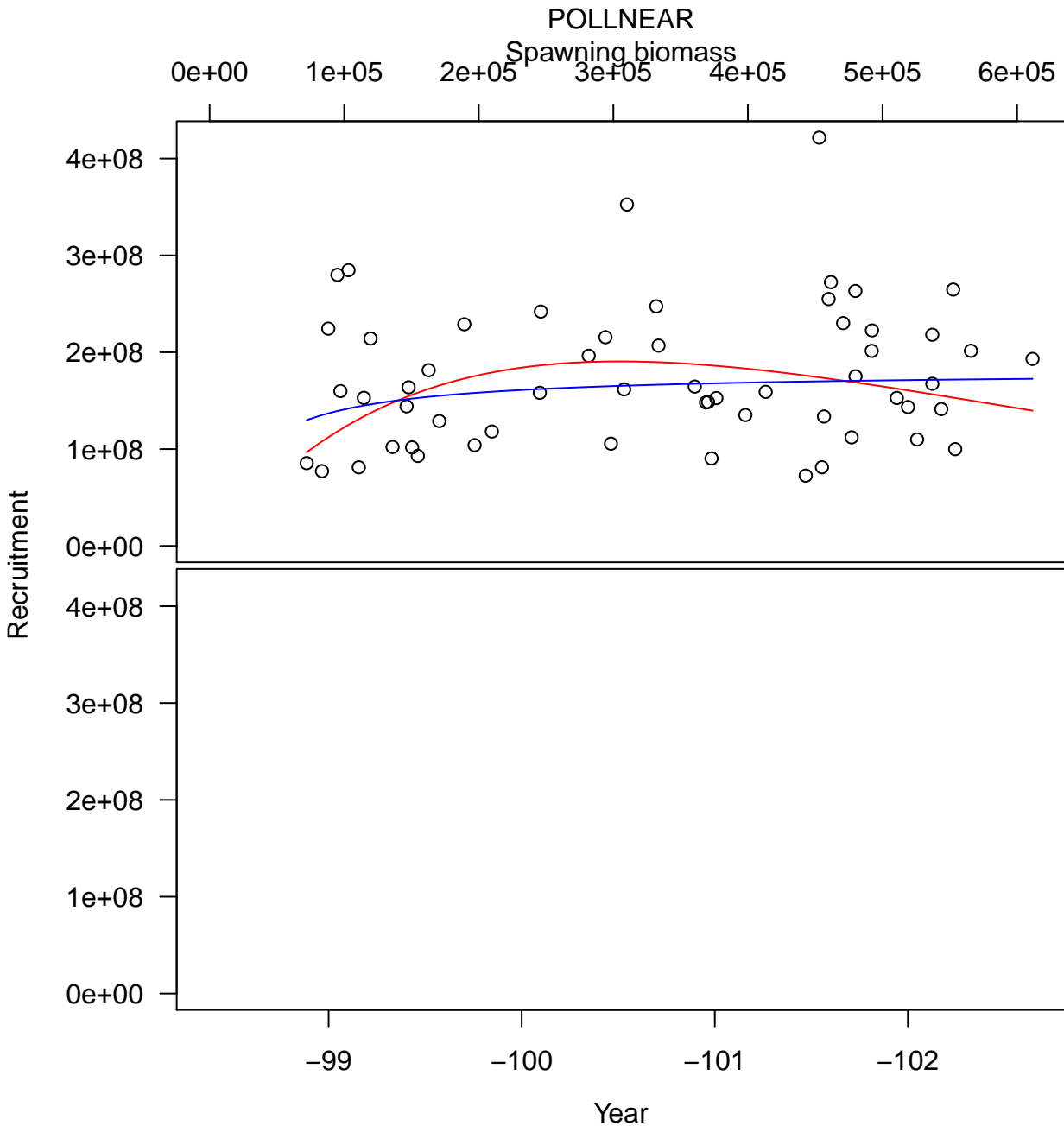
-44.50

-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

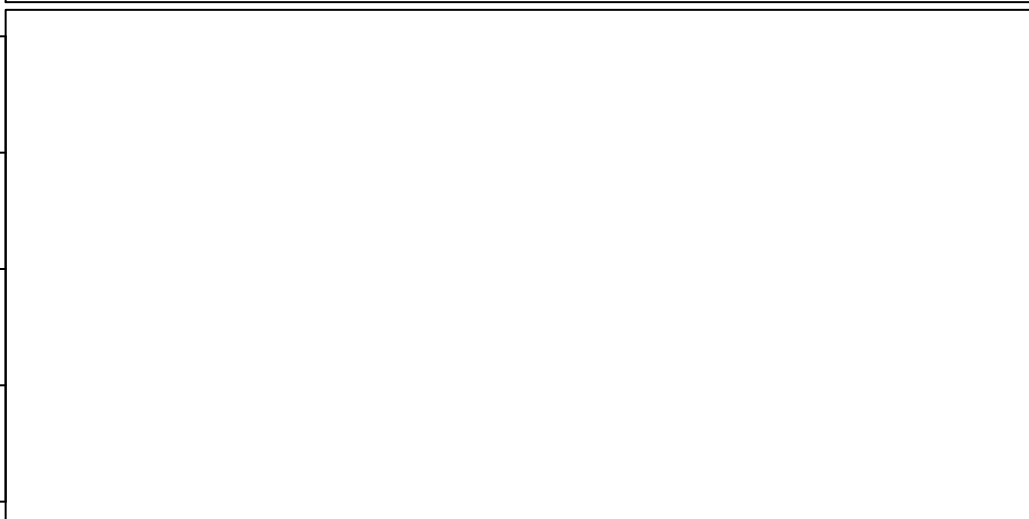
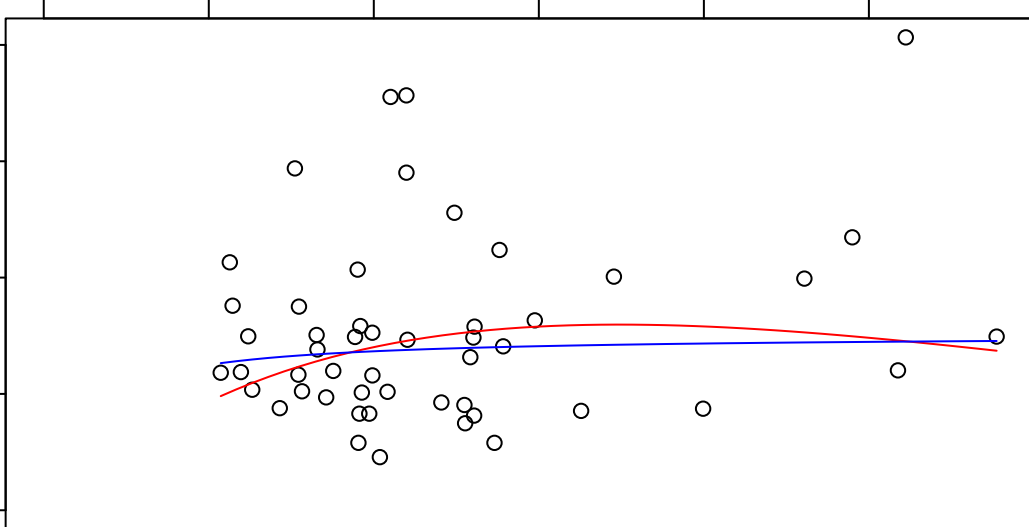
-67

-68

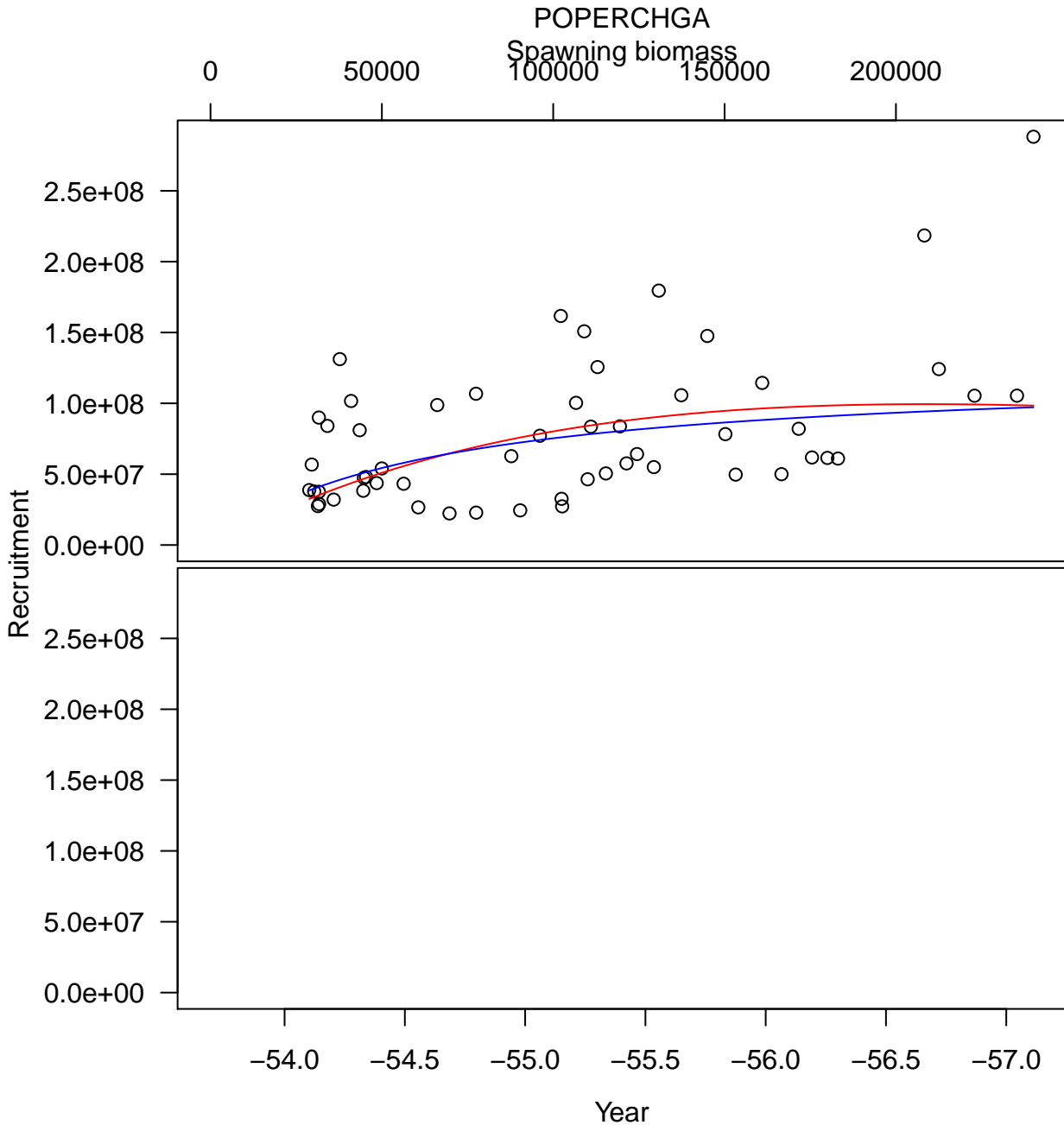
-69

-70

Year



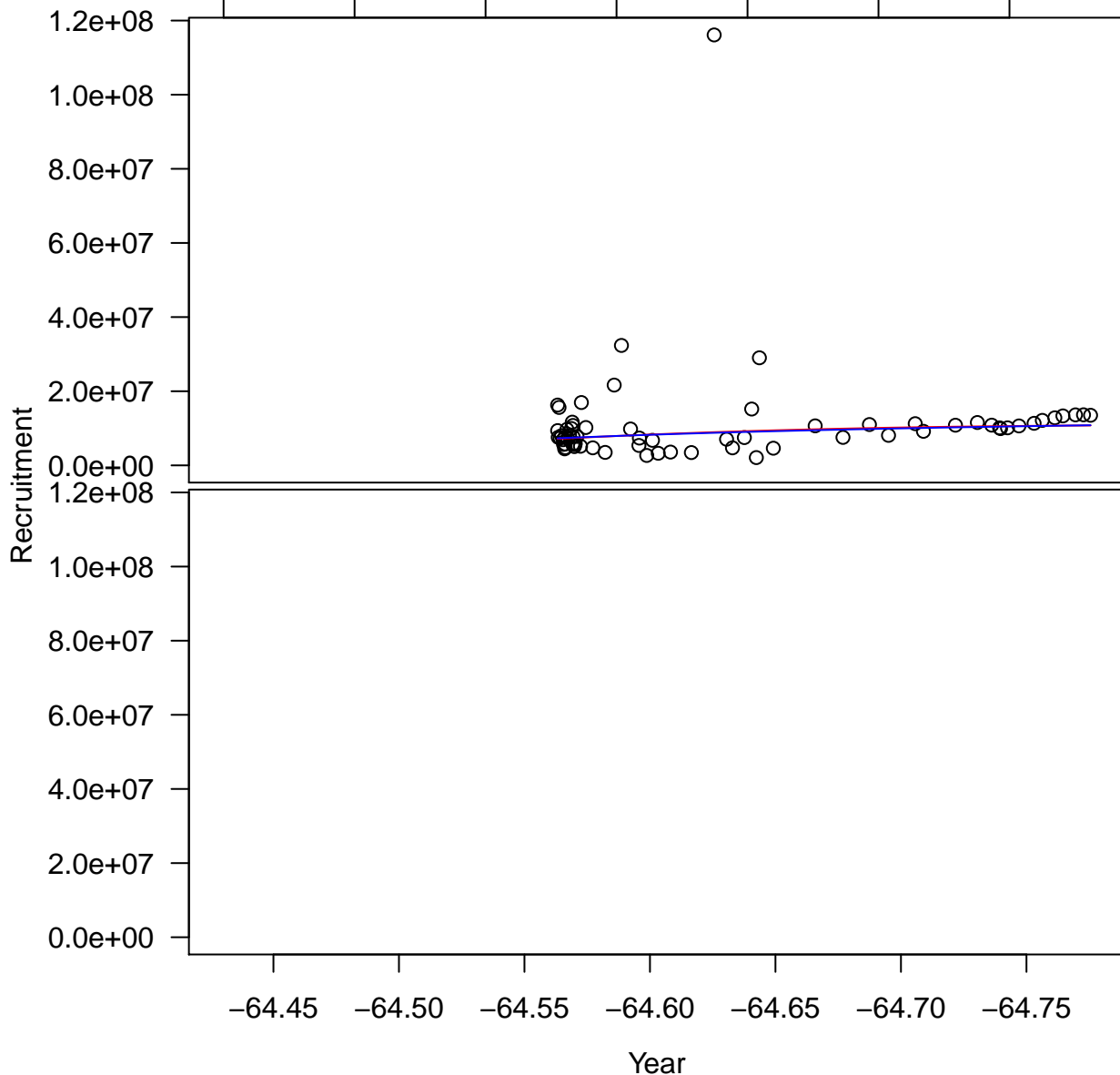




POPERCHPCOAST

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

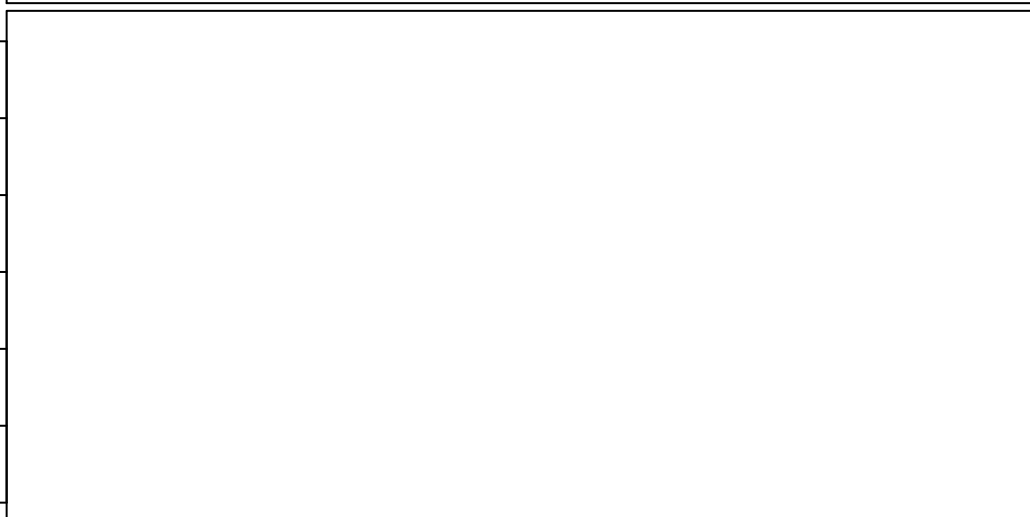
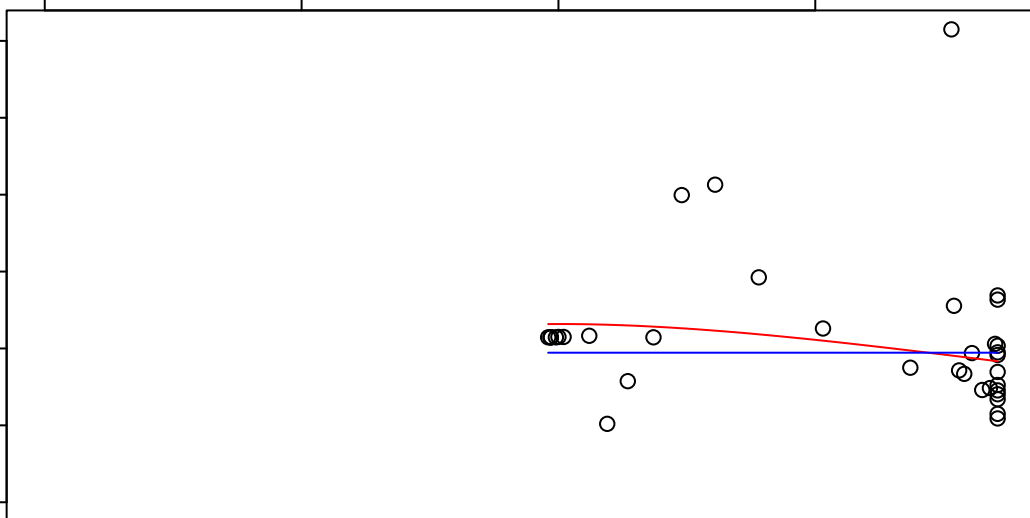
-51.5

-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

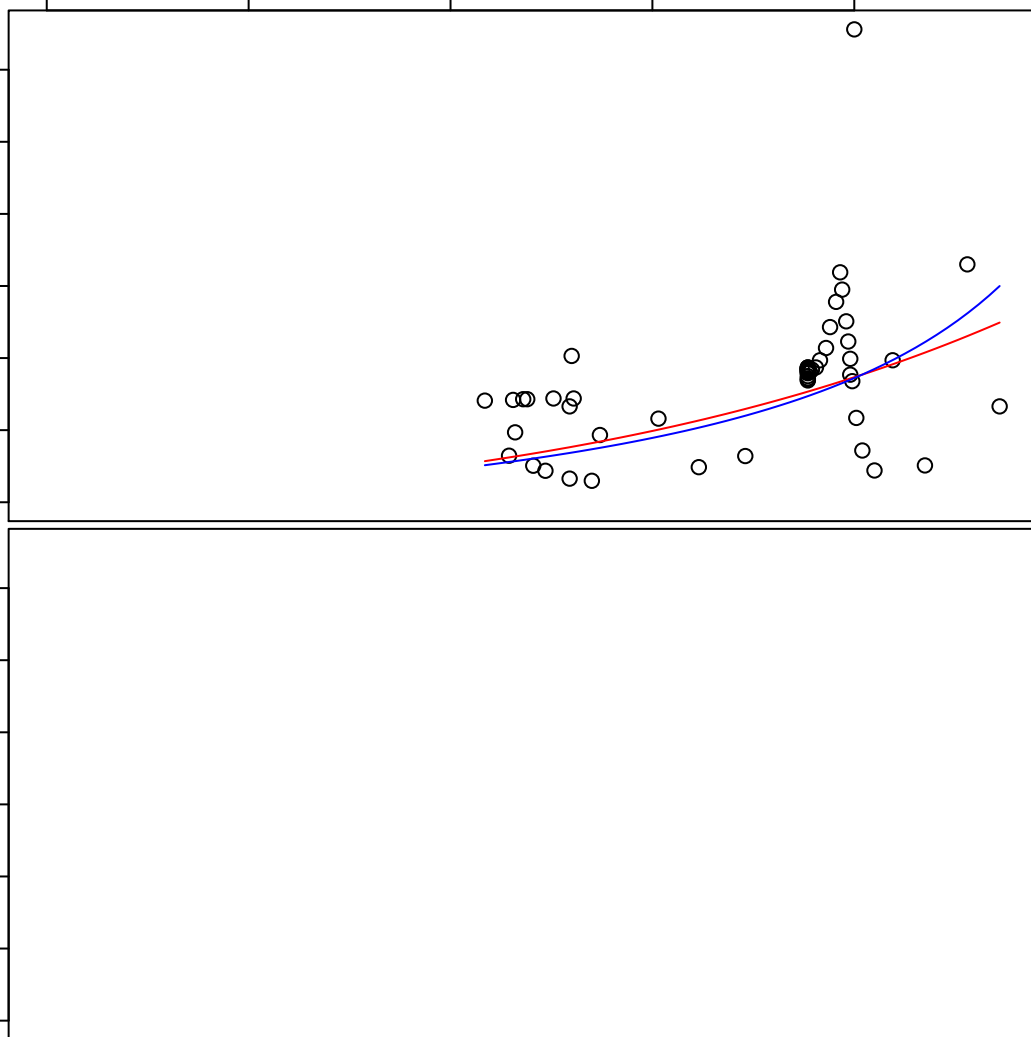
0e+00

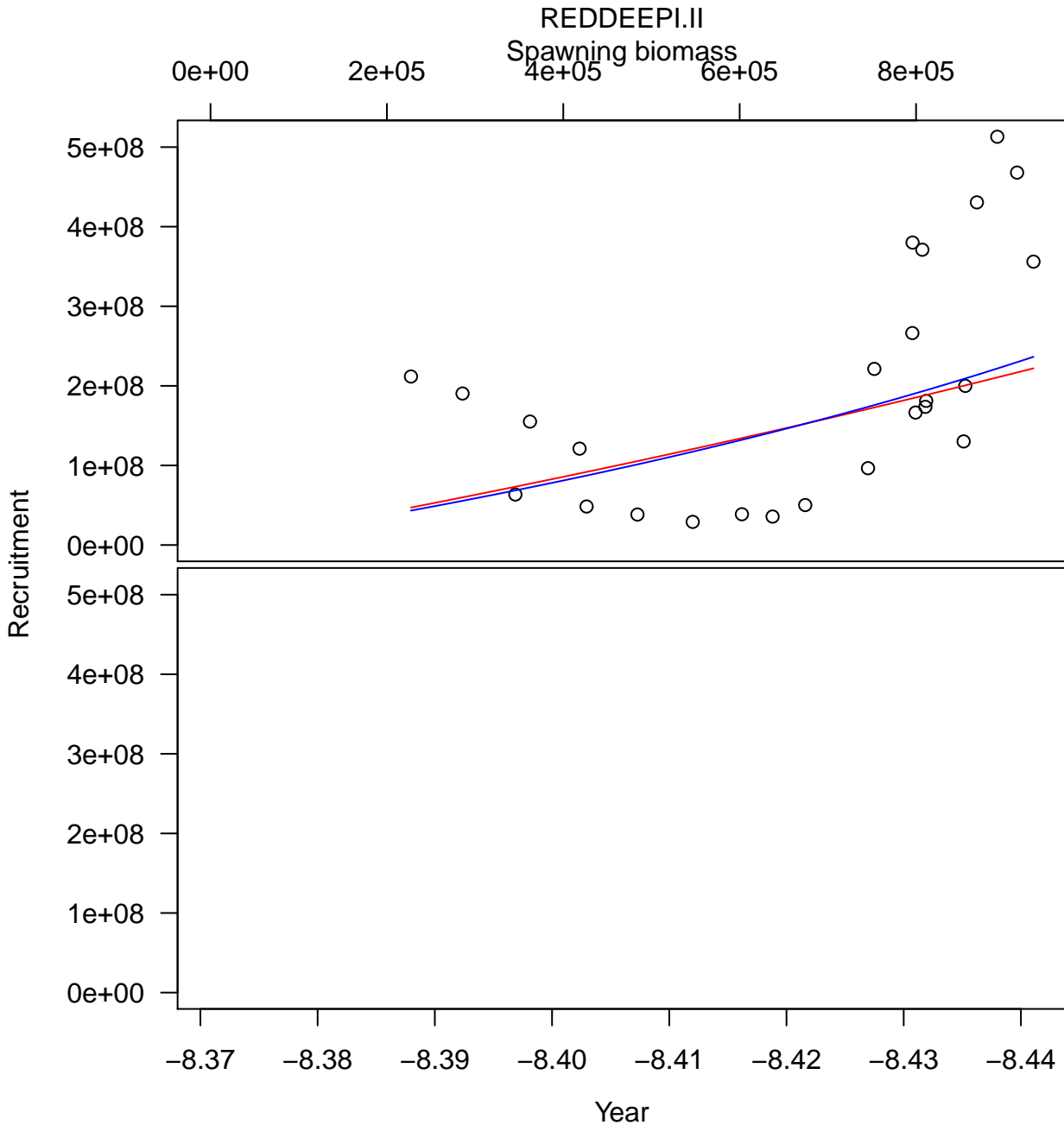
-44.0

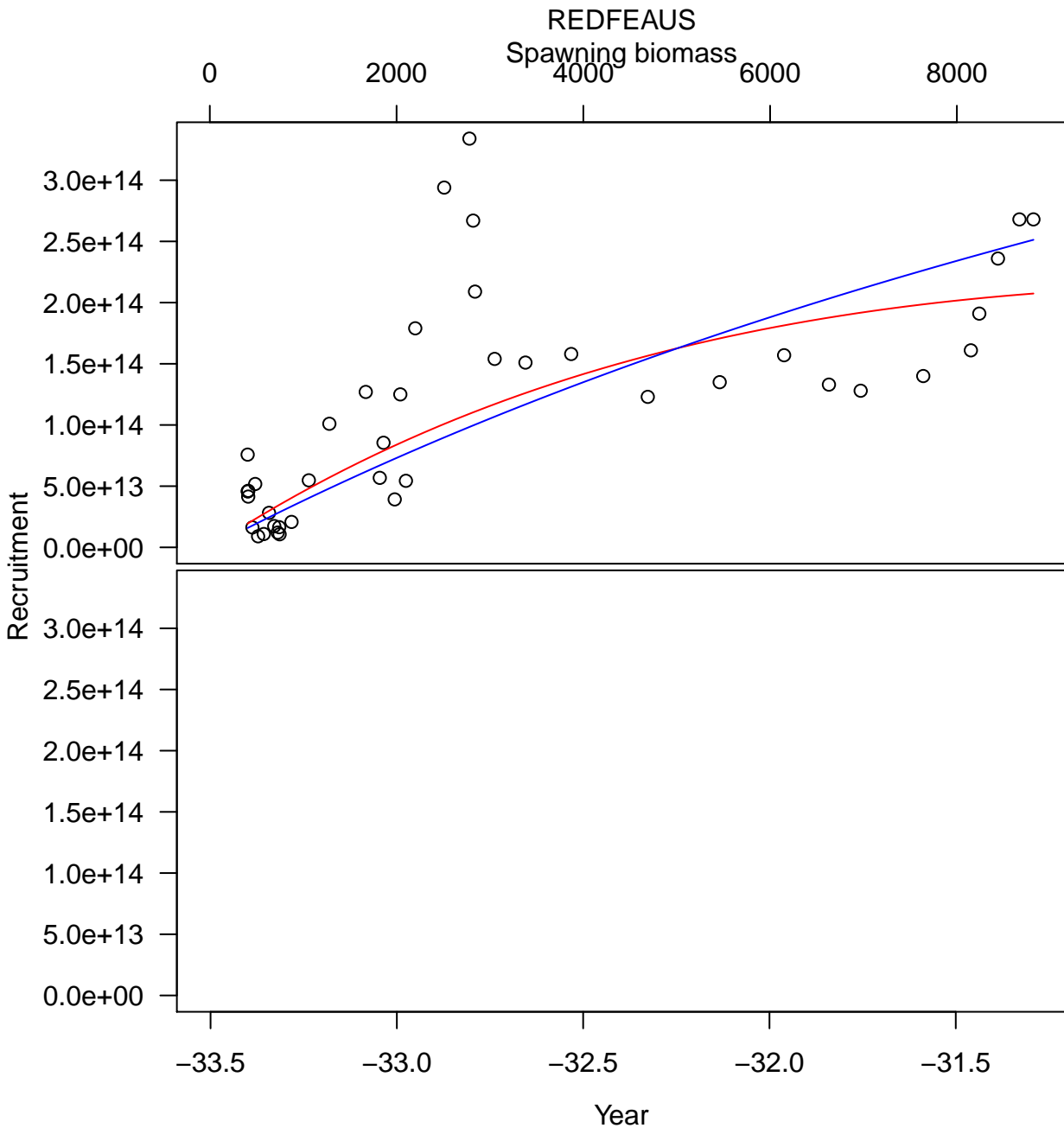
-43.5

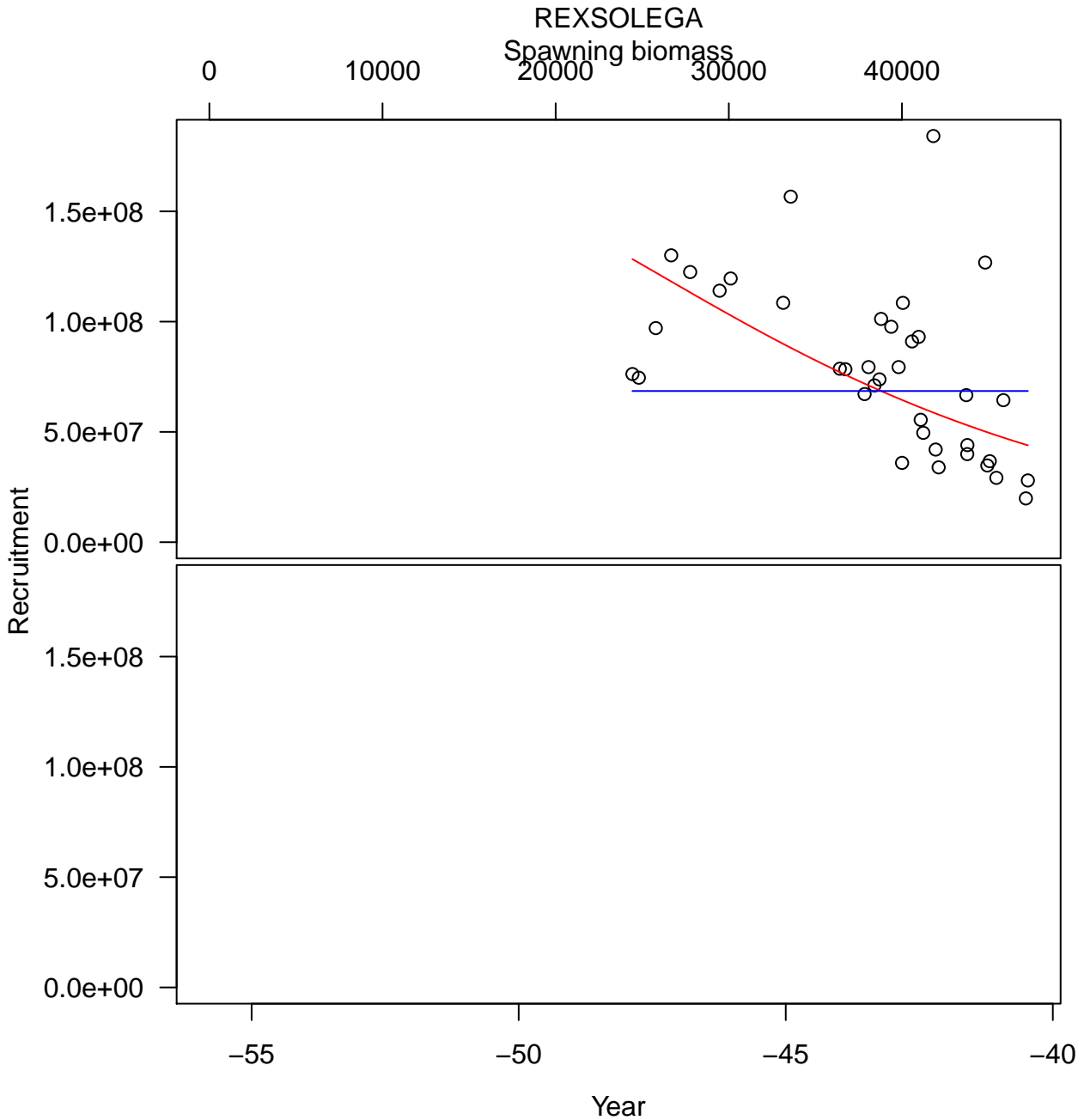
-43.0

Year









REYEROCKBSAI  
Spawning biomass

0 1000 2000 3000 4000 5000 6000 7000

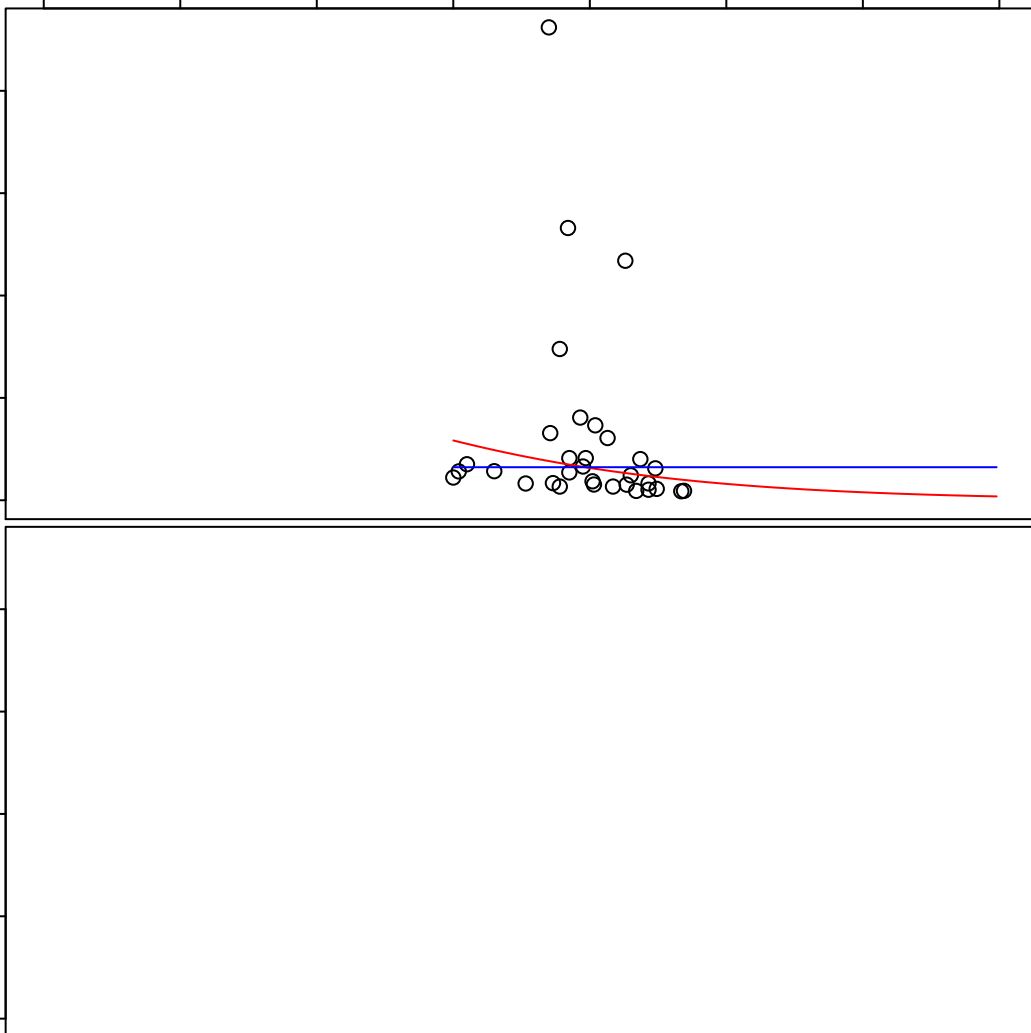
Recruitment

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

Year

0.0 0.5 1.0 1.5 2.0 2.5





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

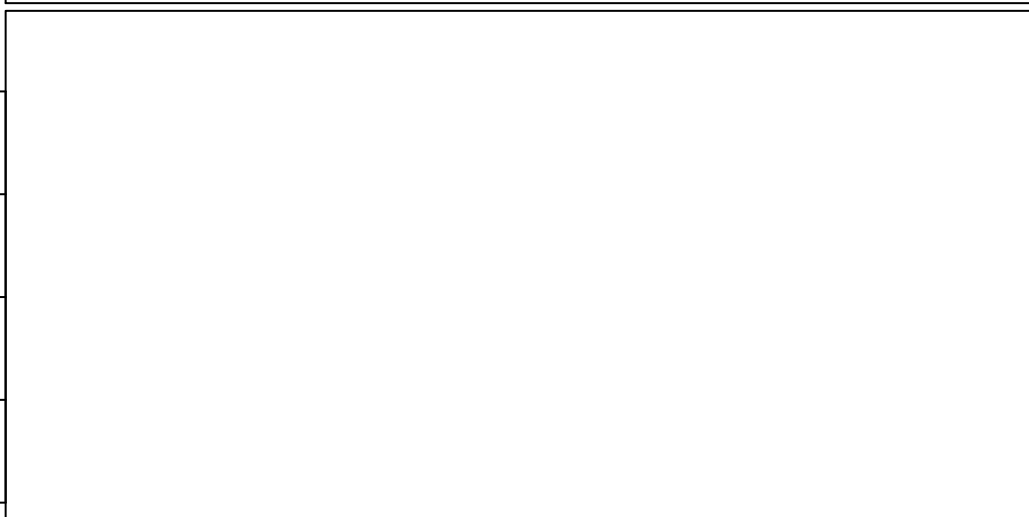
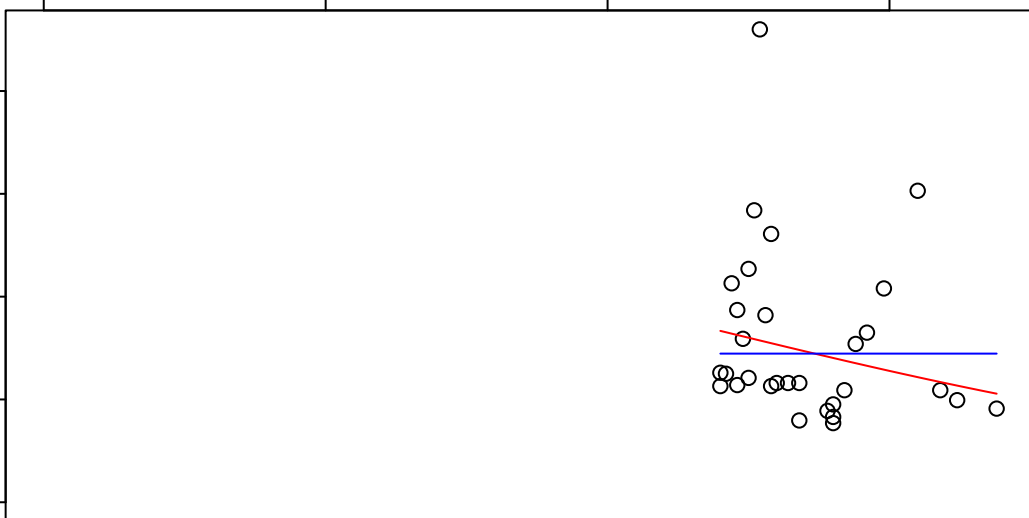
-41.0

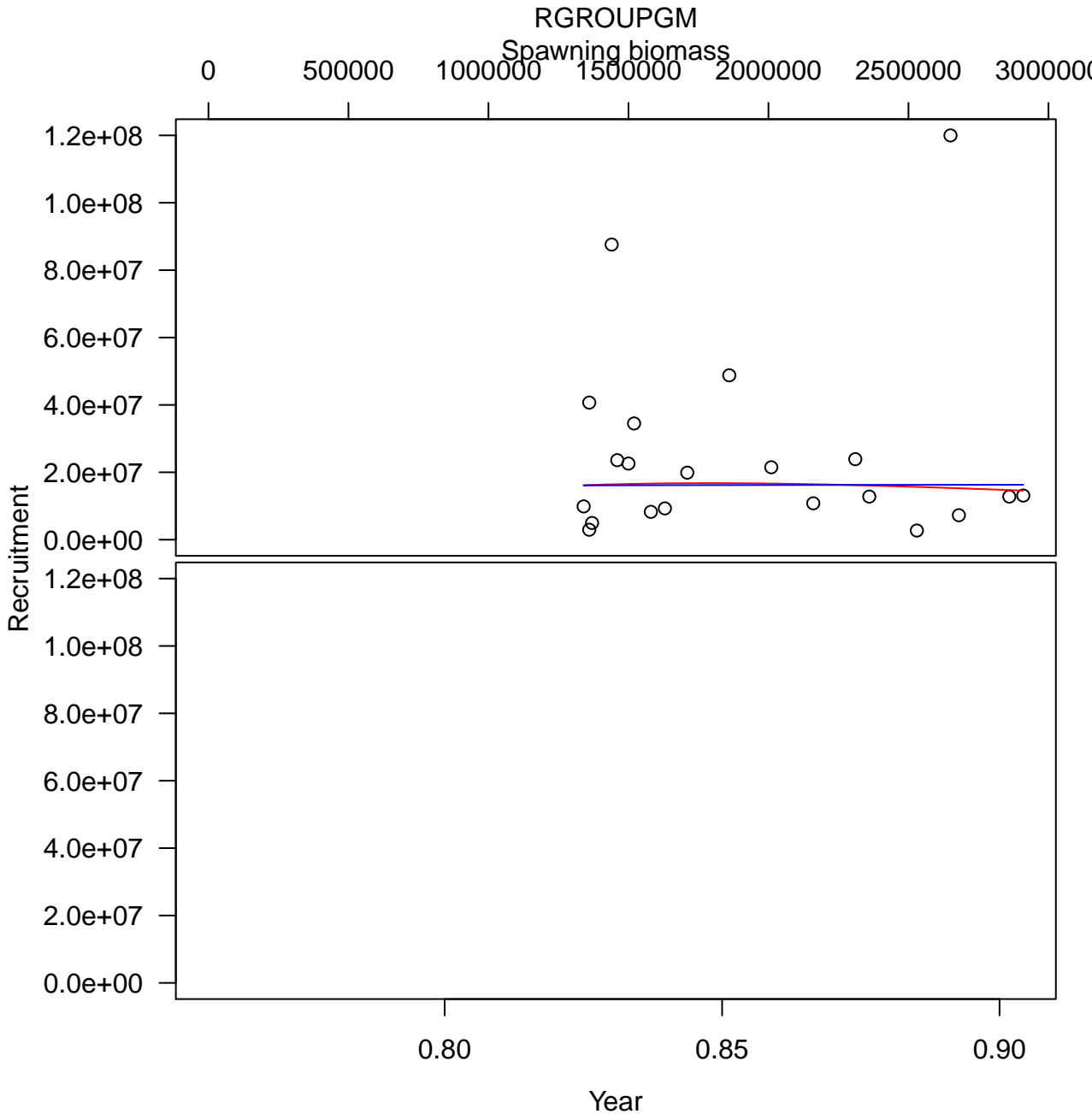
-40.5

-40.0

-39.5

Year

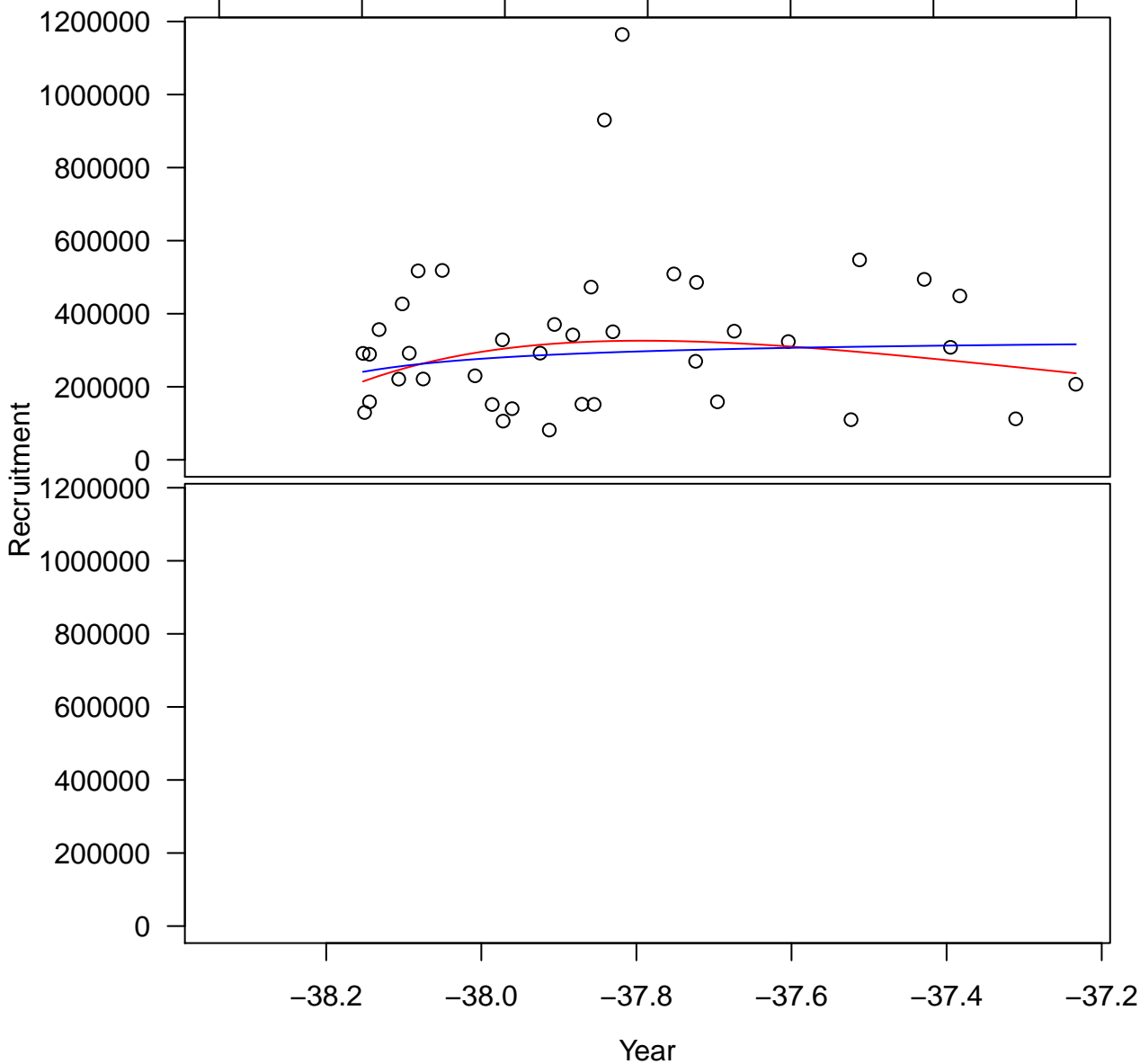


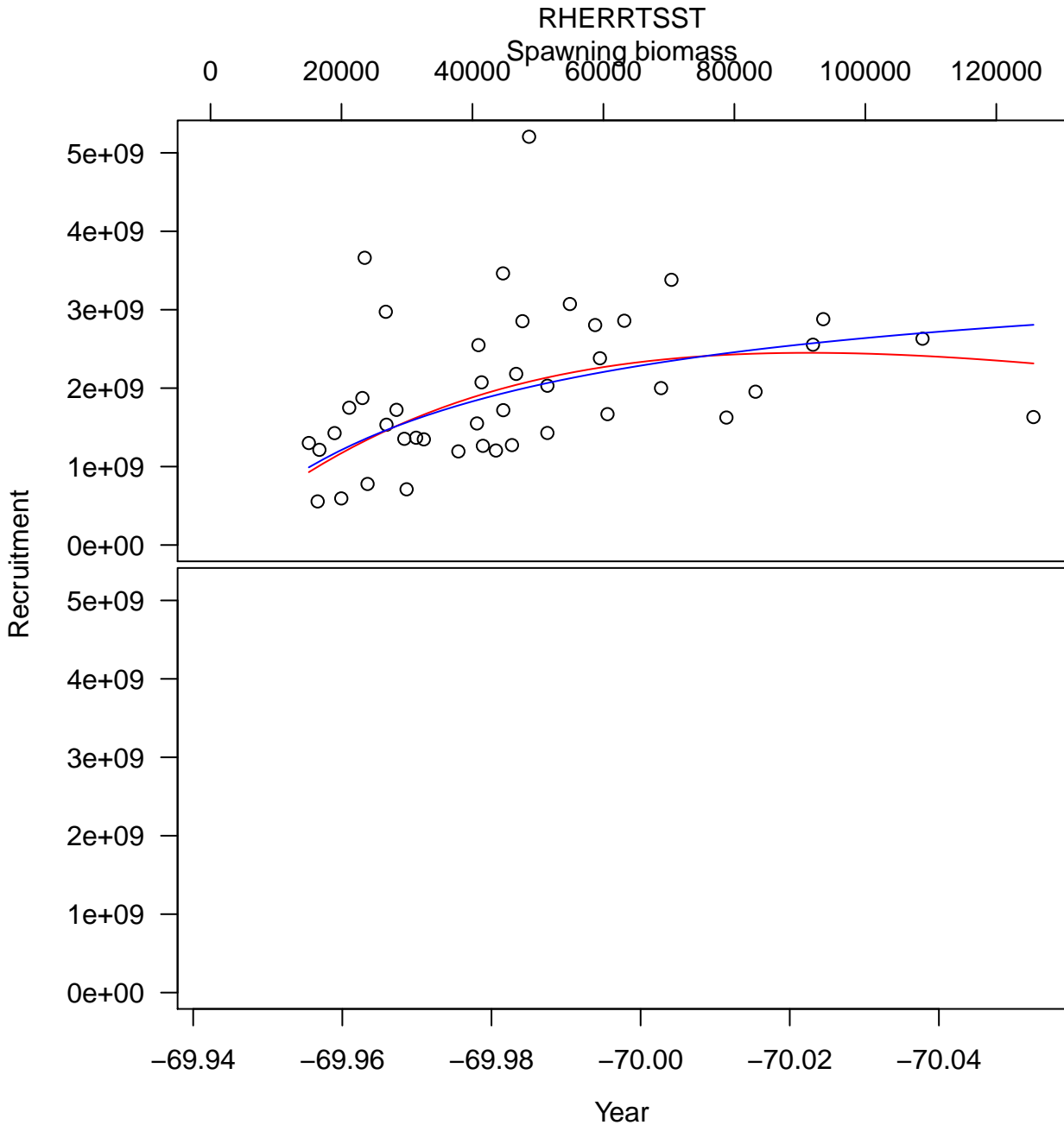


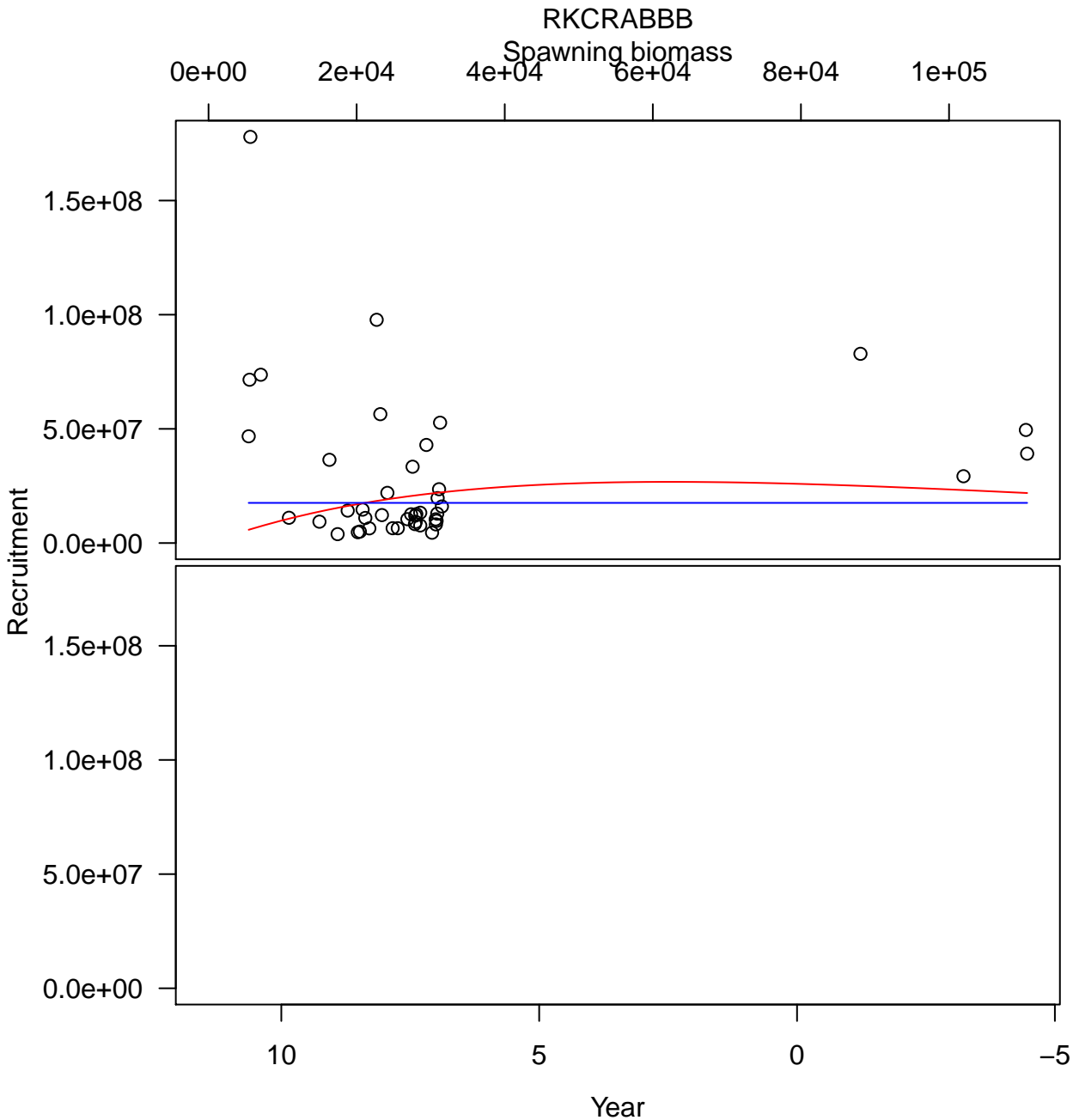
RGROUPSATL

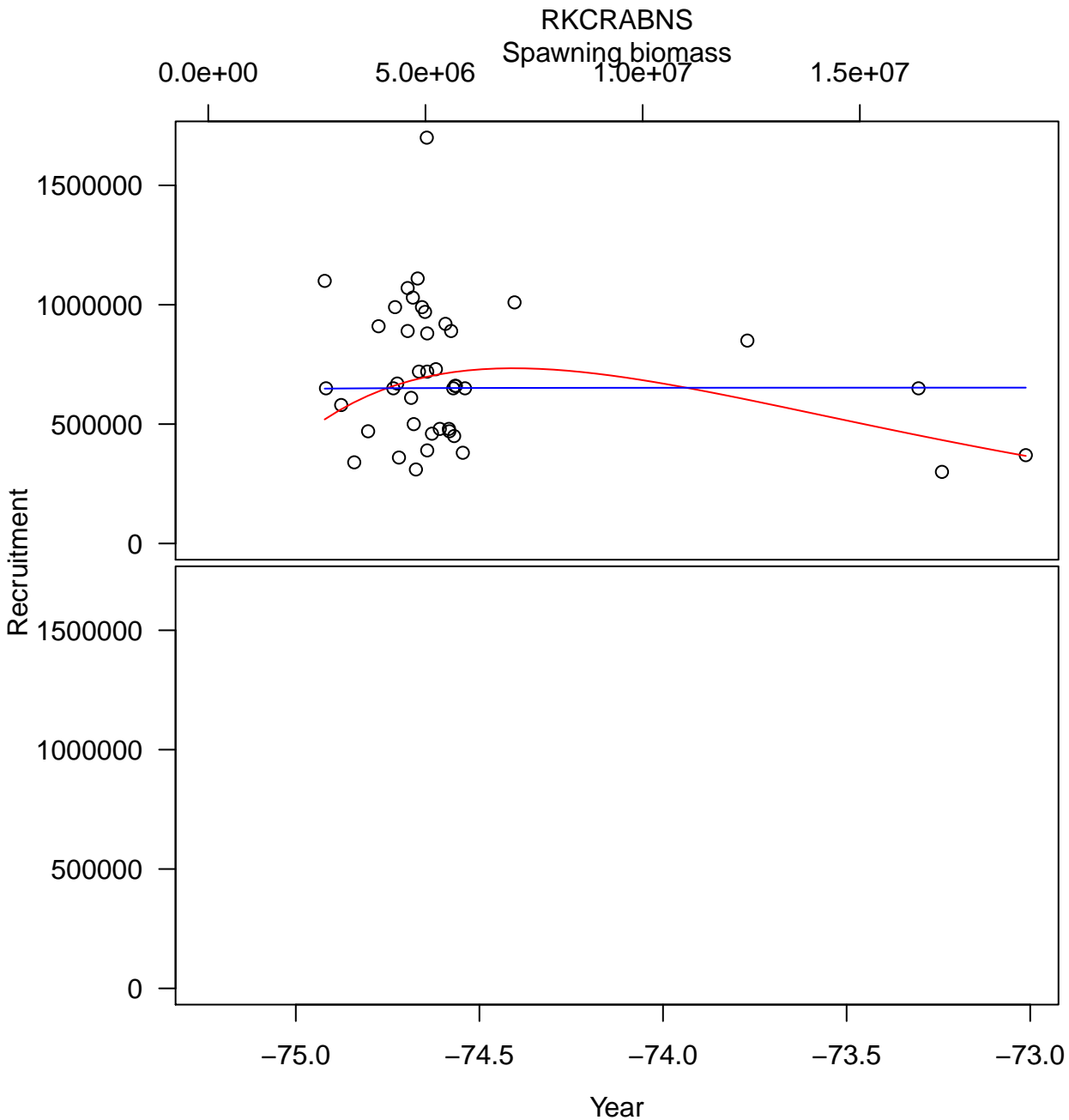
Spawning biomass

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

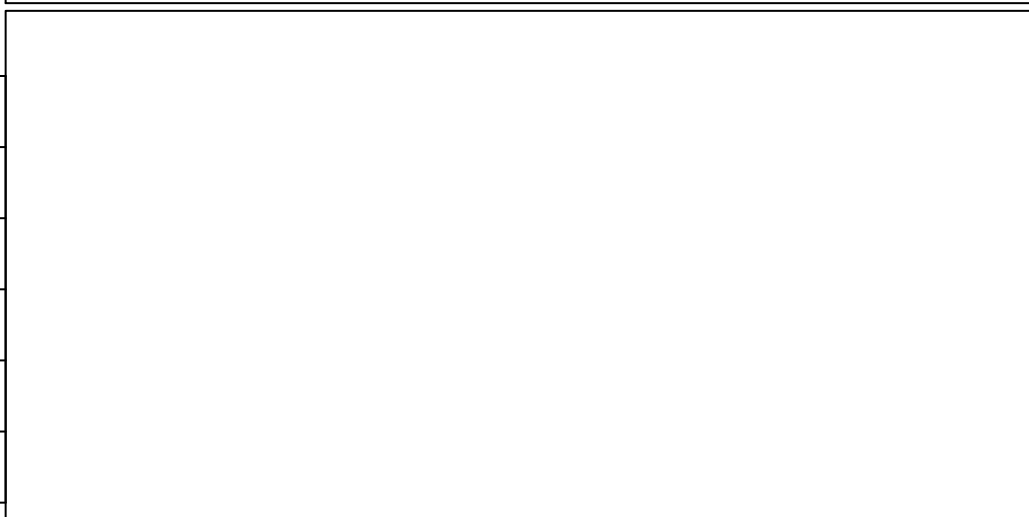
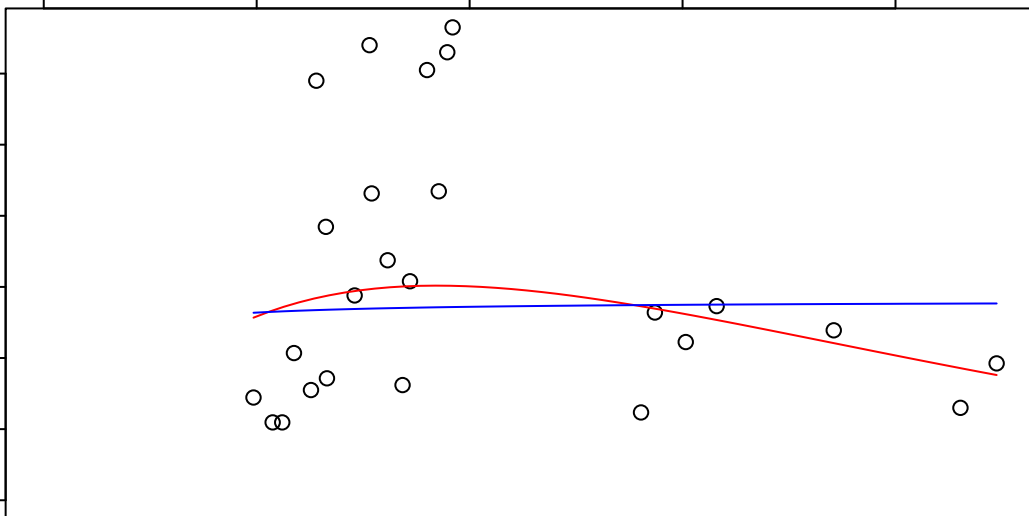
-28

-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

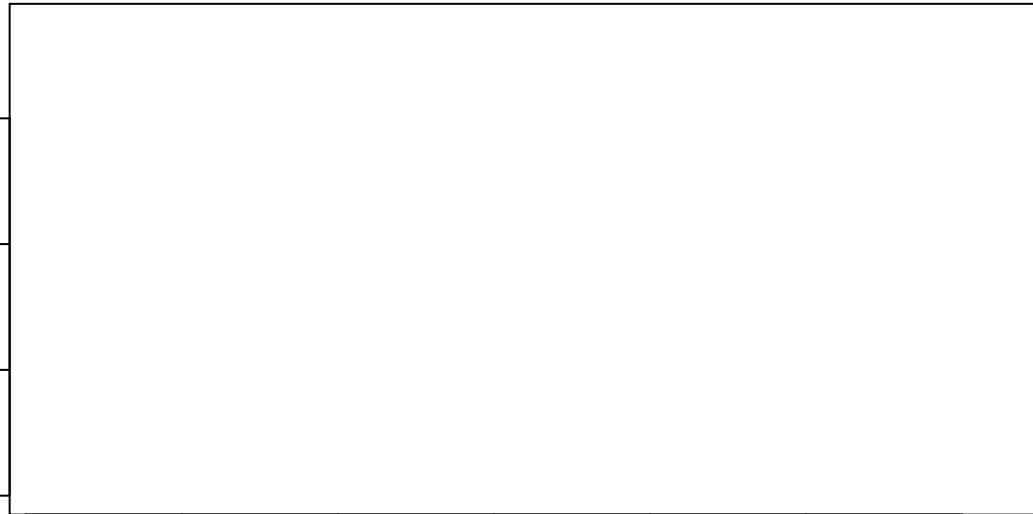
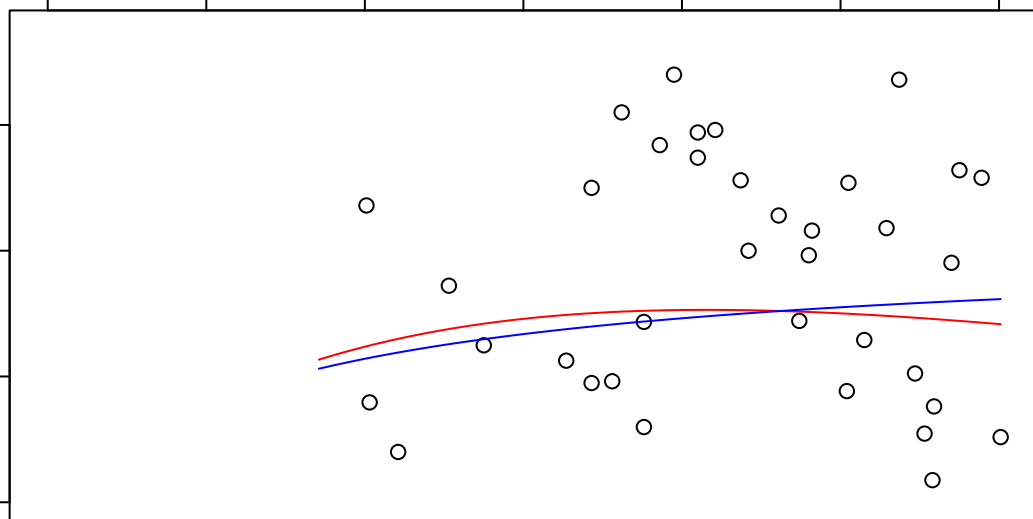
-26.2

-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

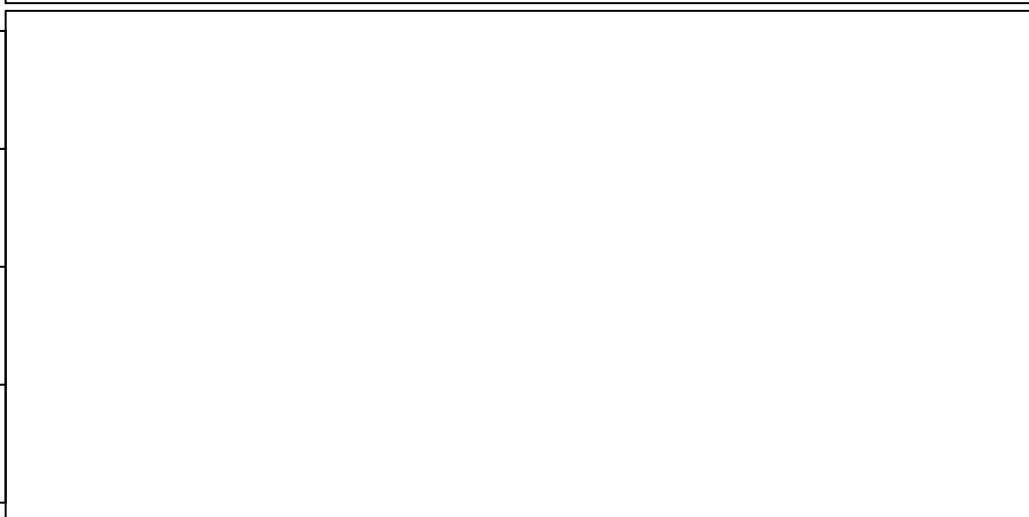
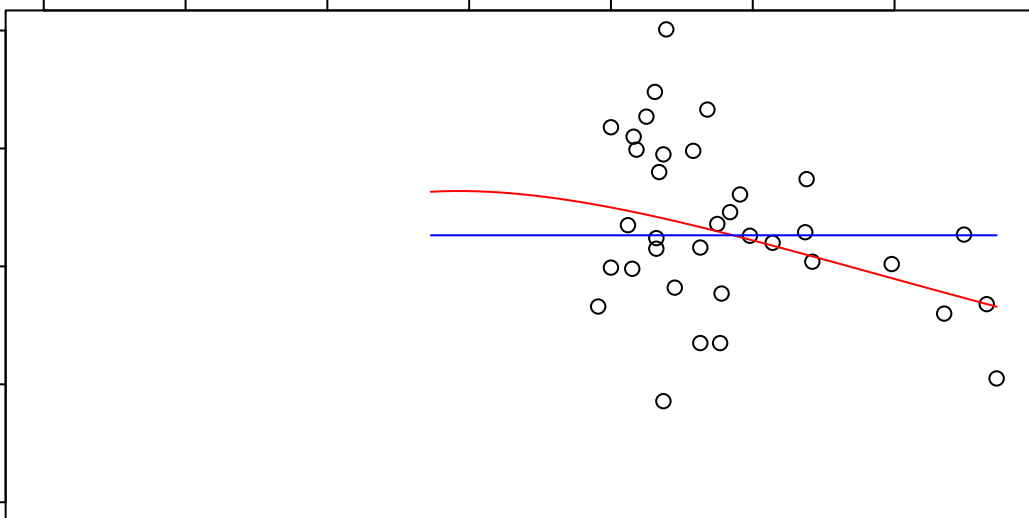
-77

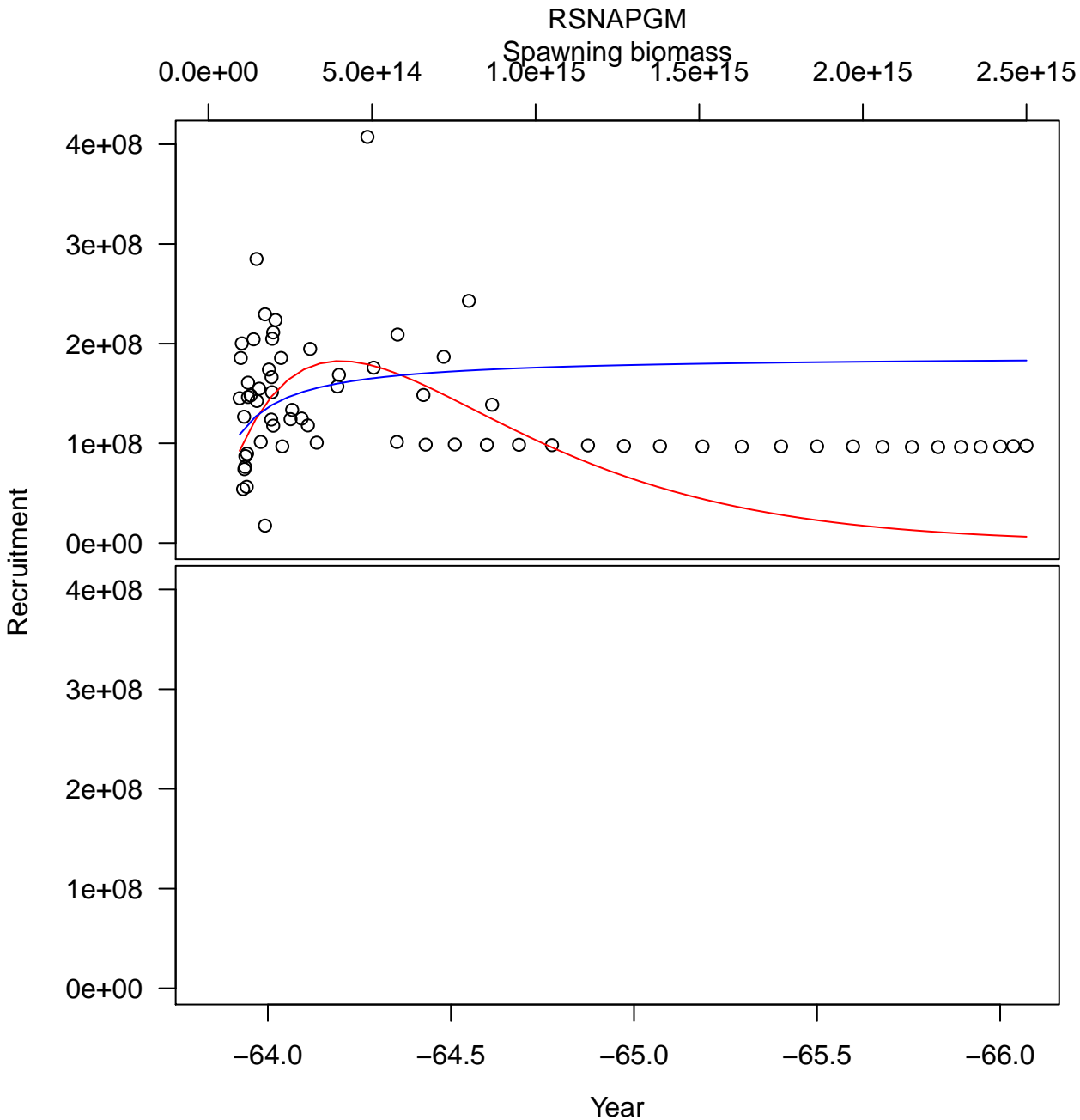
-76

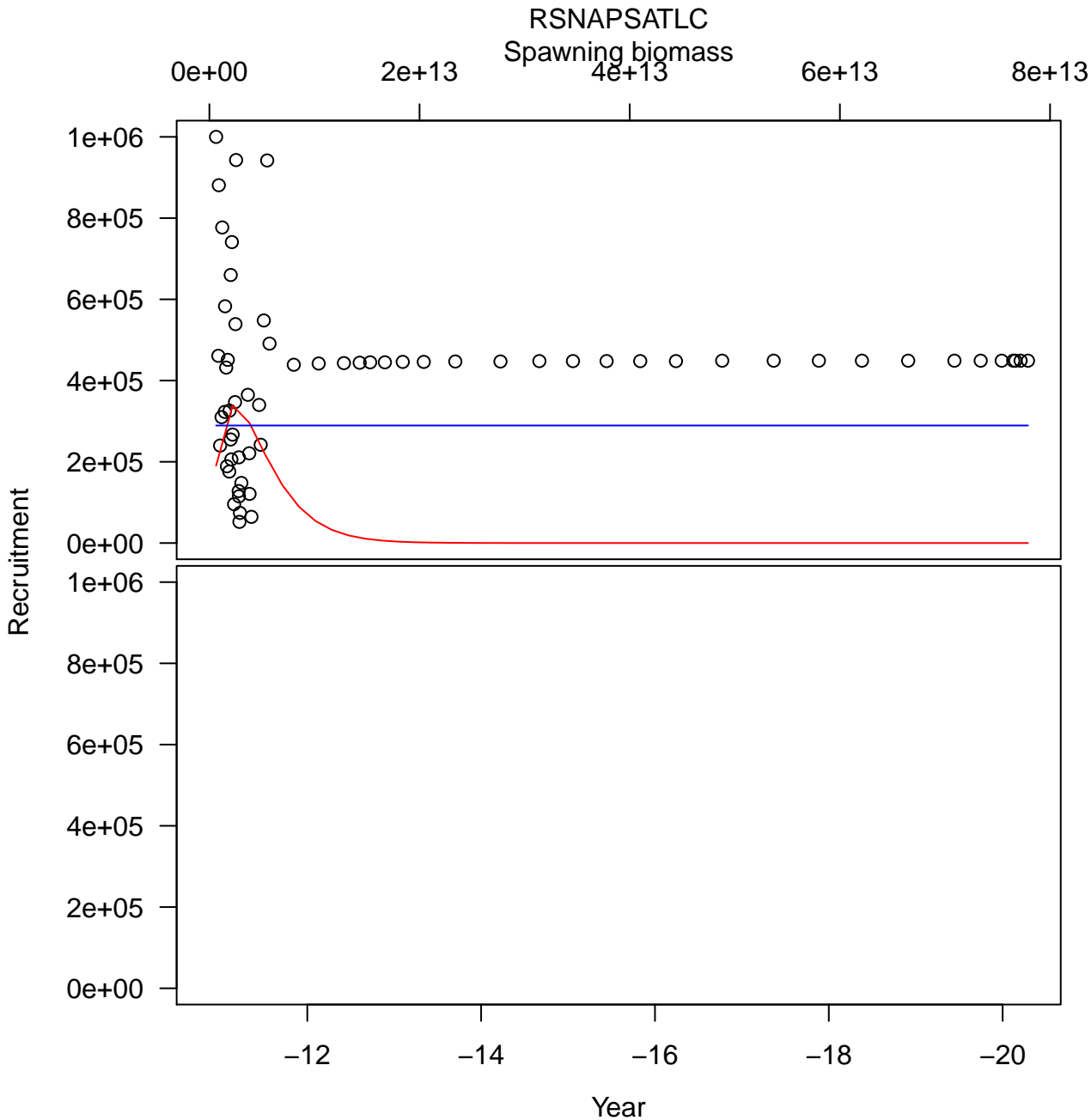
-75

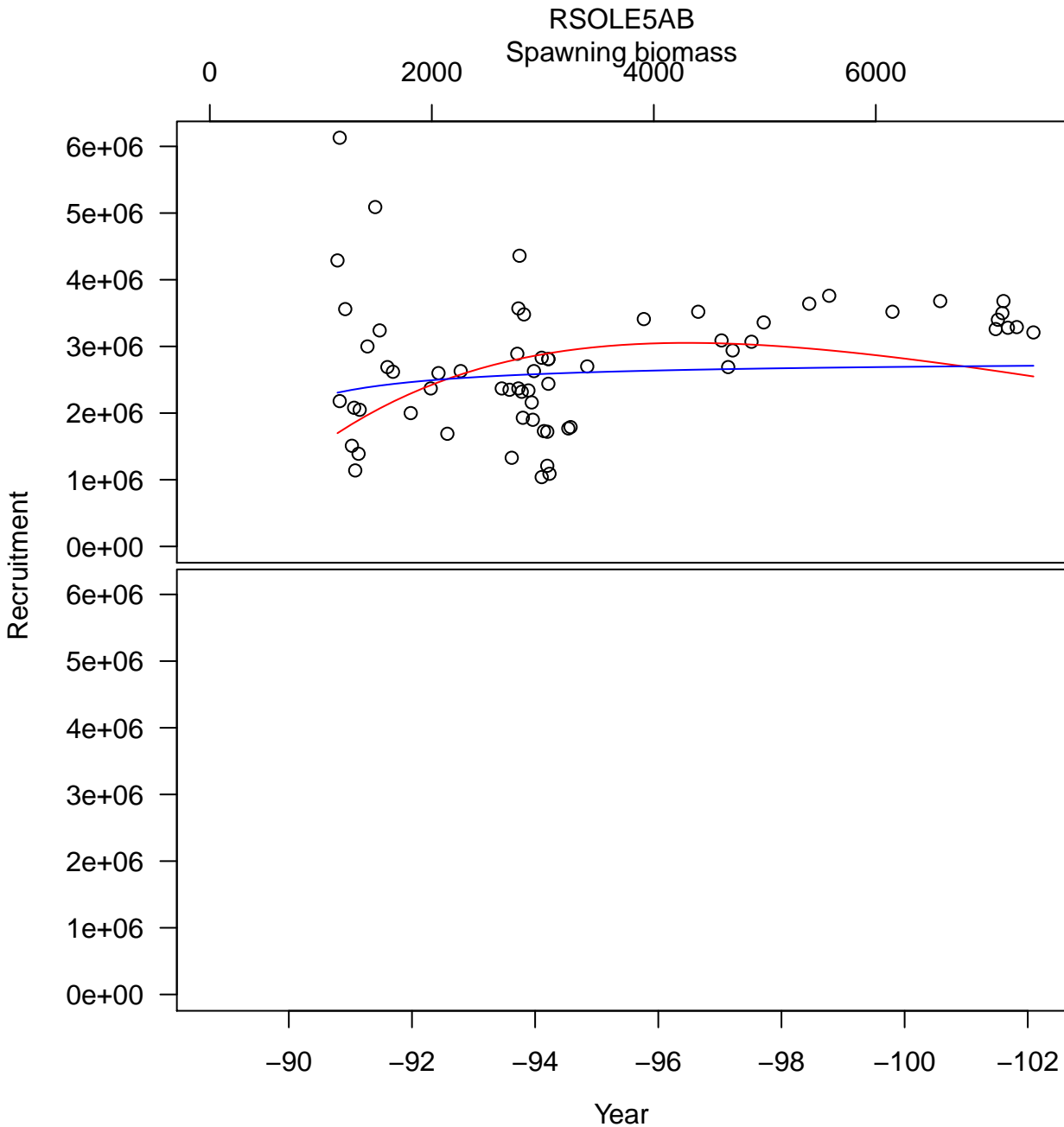
-74

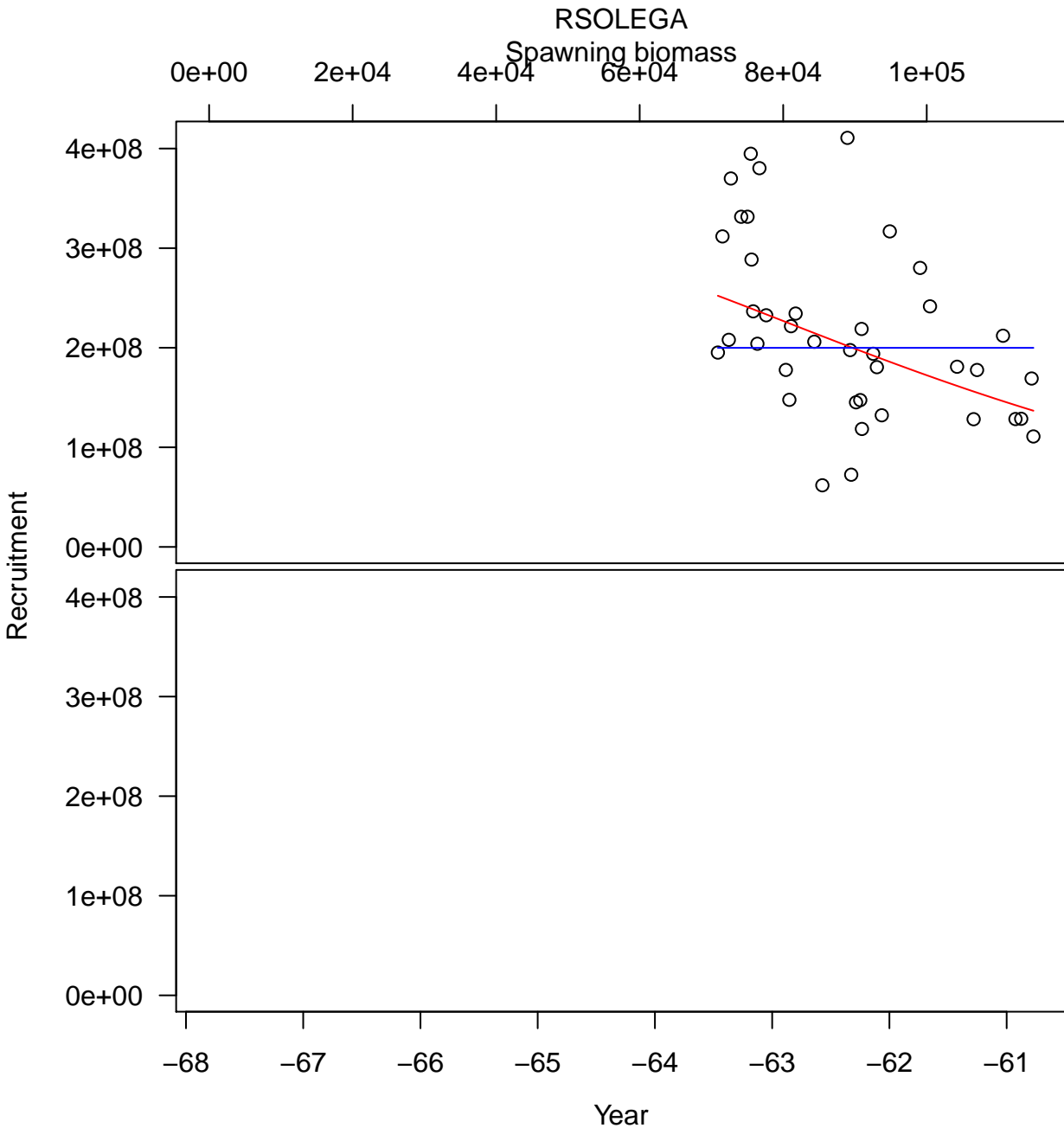
Year

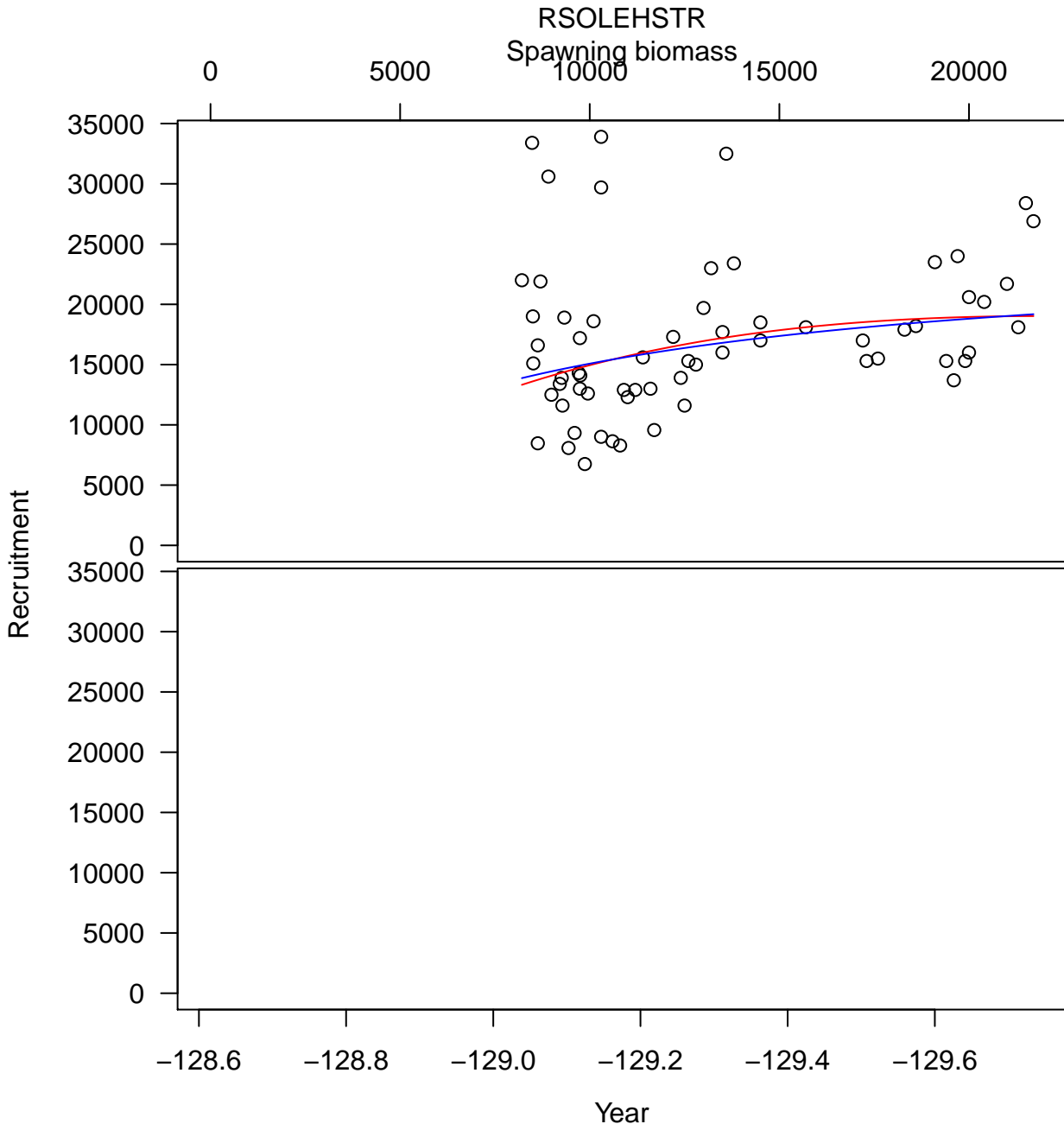












RSQLOBSTERCSCH

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

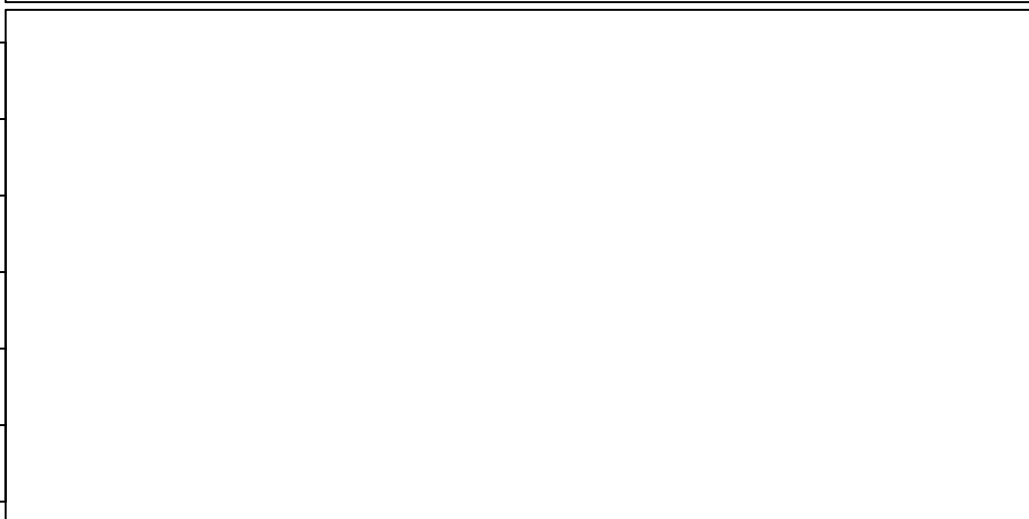
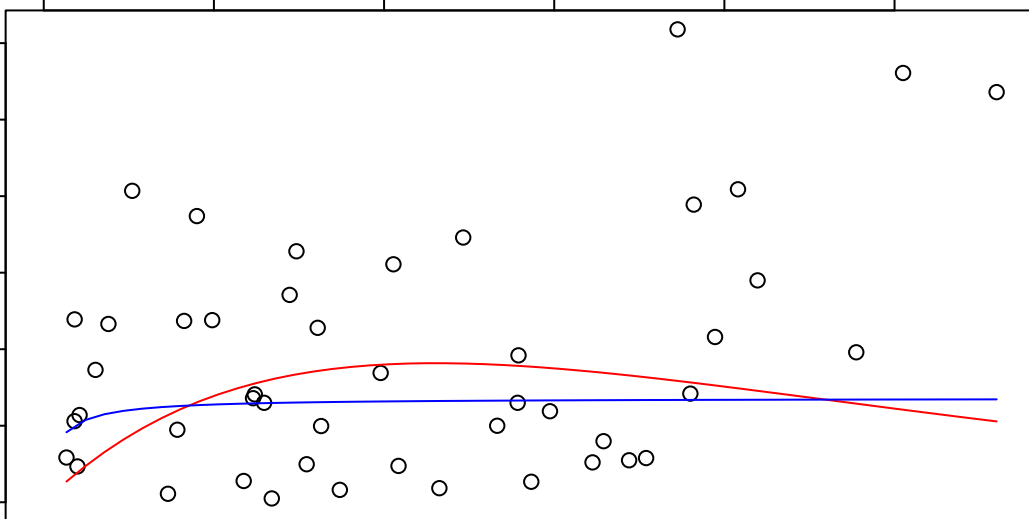
12

10

8

6

Year



RSROCKBCWN  
Spawning biomass

0

2000

4000

6000

Recruitment

$2.5 \times 10^7$

$2.0 \times 10^7$

$1.5 \times 10^7$

$1.0 \times 10^7$

$5.0 \times 10^6$

$0.0 \times 10^0$

$2.5 \times 10^7$

$2.0 \times 10^7$

$1.5 \times 10^7$

$1.0 \times 10^7$

$5.0 \times 10^6$

$0.0 \times 10^0$

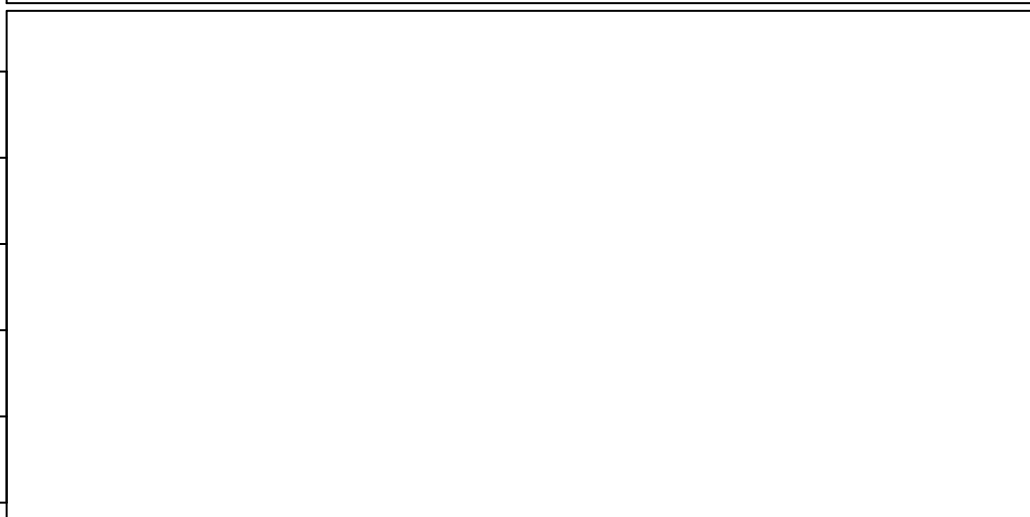
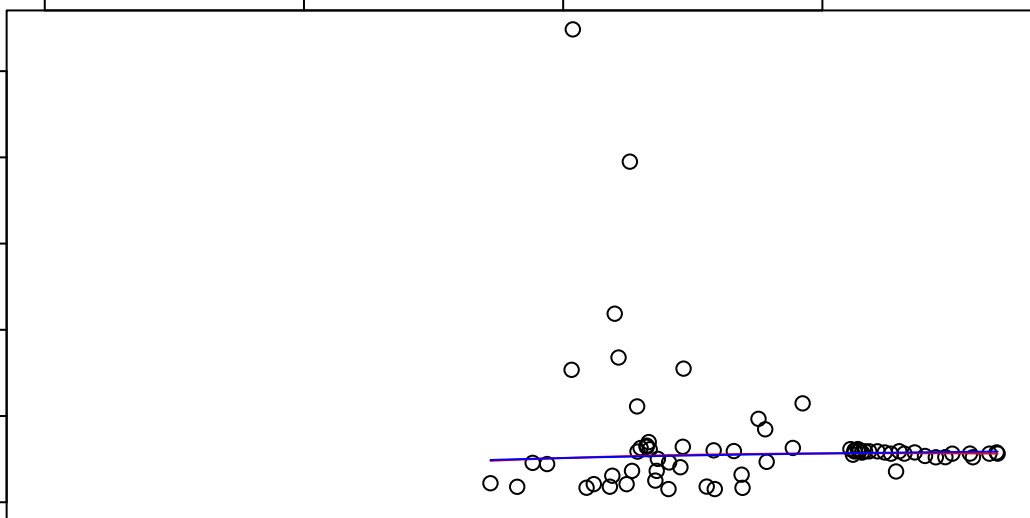
-45.45

-45.40

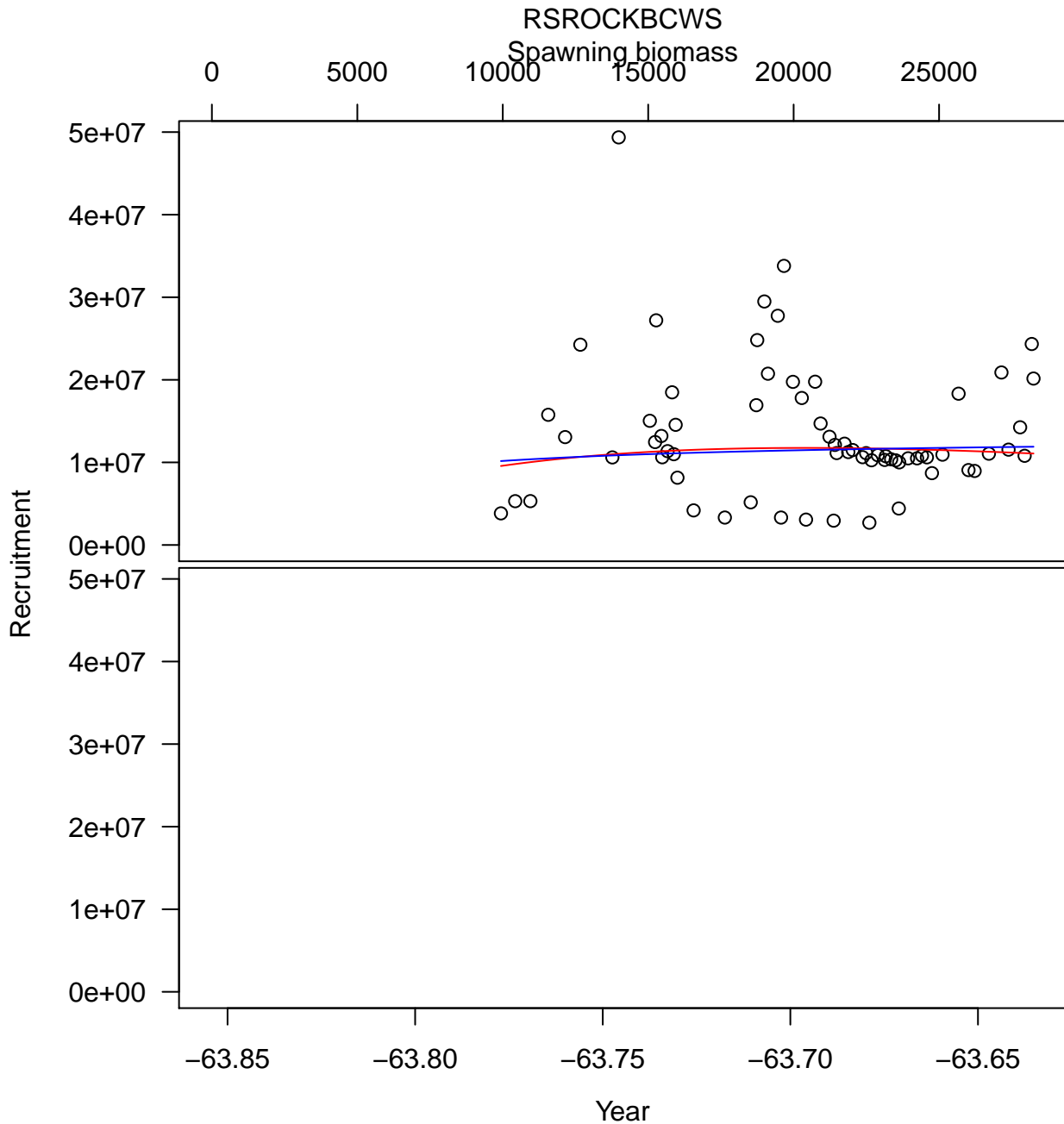
-45.35

-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

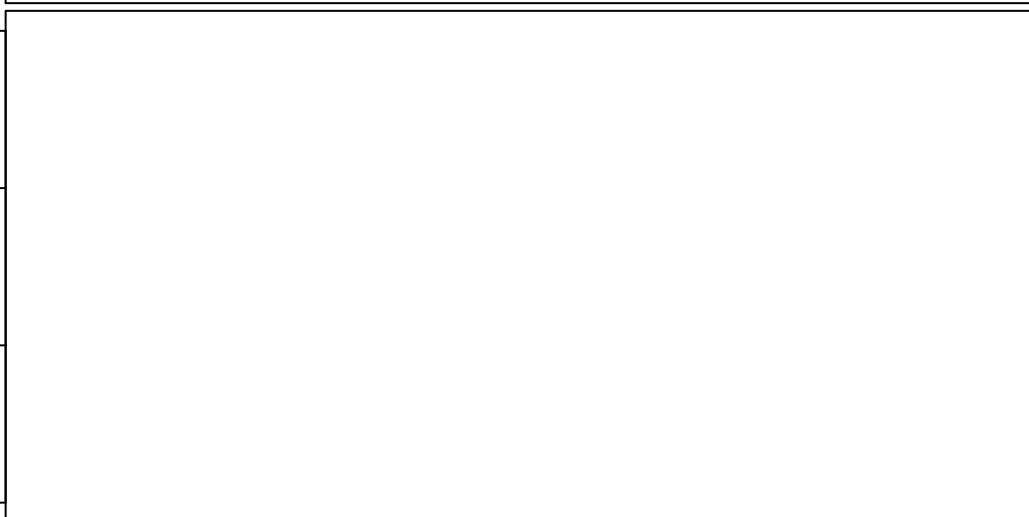
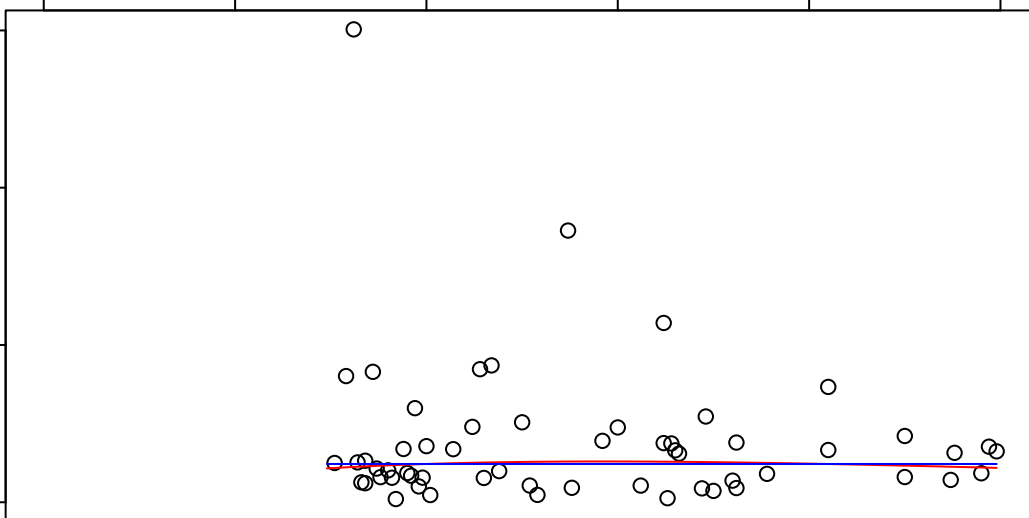
-4.5

-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

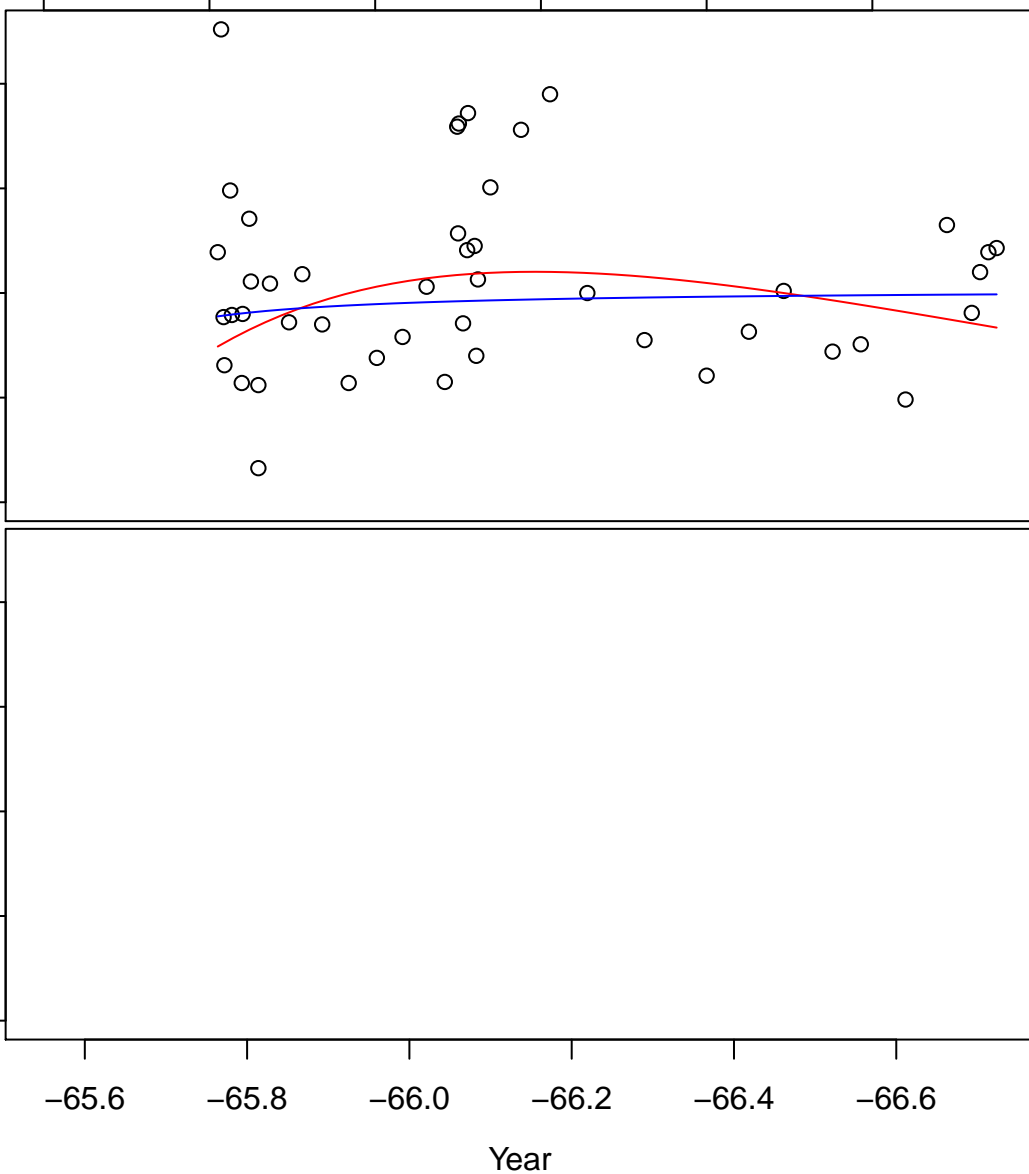
-66.0

-66.2

-66.4

-66.6

Year



SABLEFPCOAST  
Spawning biomass

0 20000 40000 60000 80000 100000 120000 140000

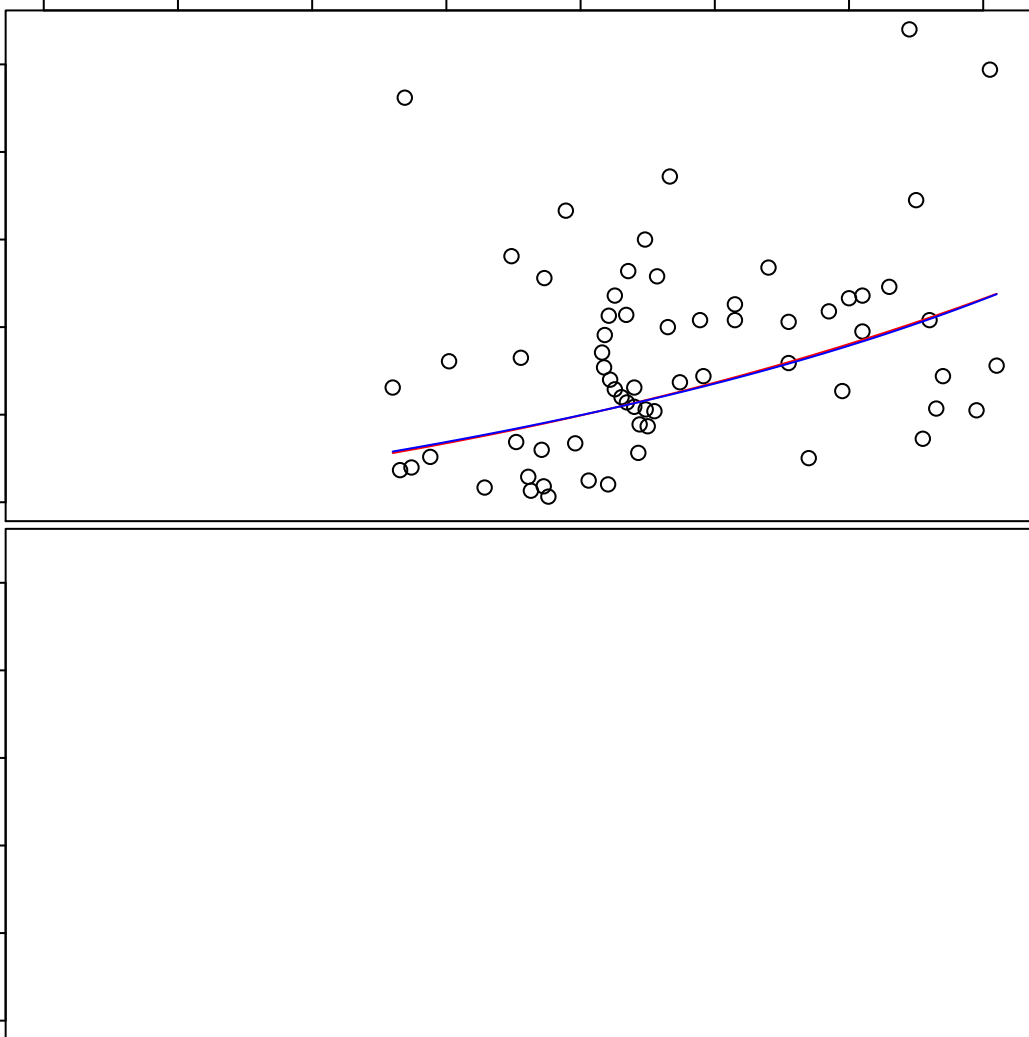
Recruitment

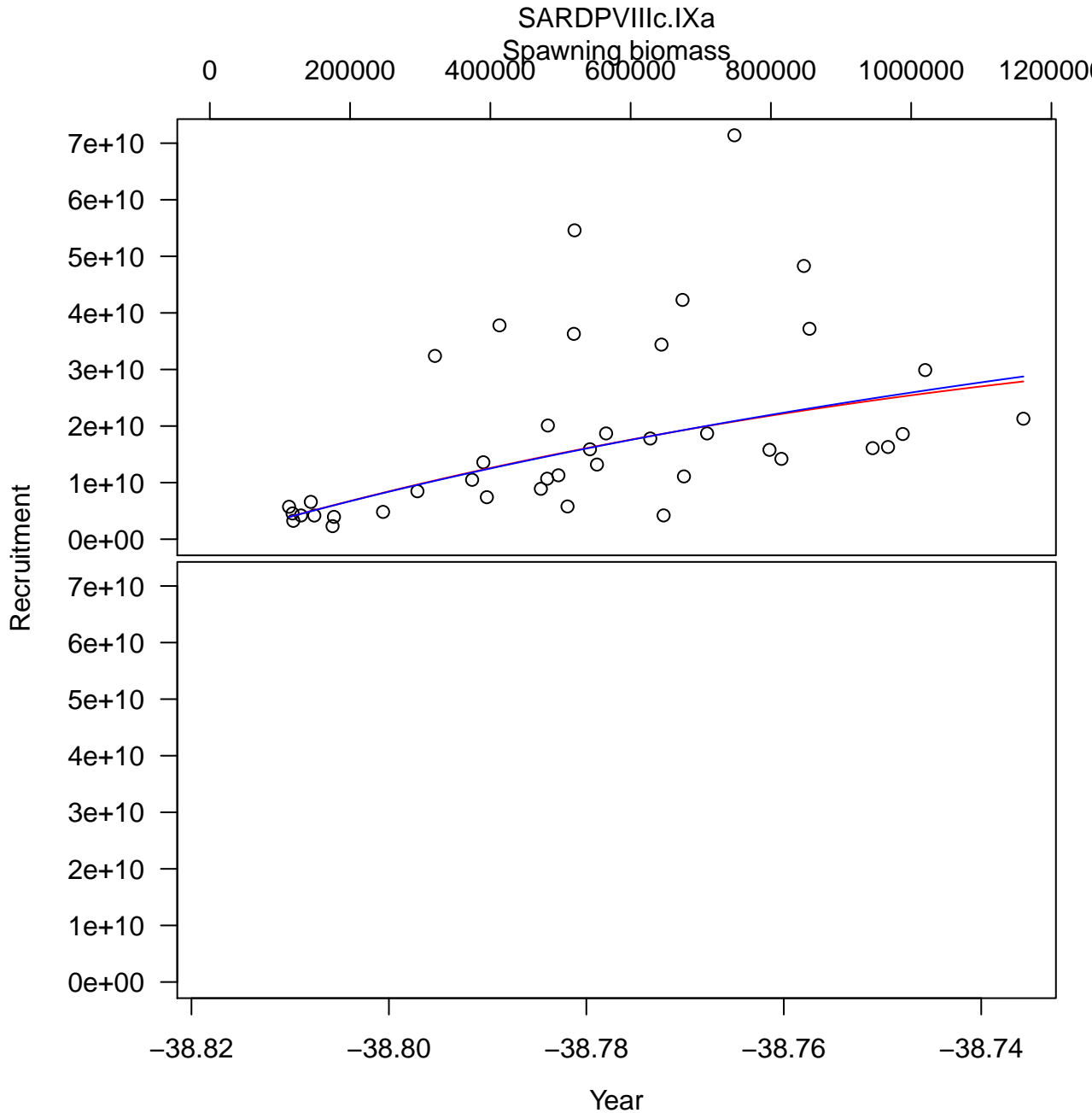
5e+07  
4e+07  
3e+07  
2e+07  
1e+07  
0e+00

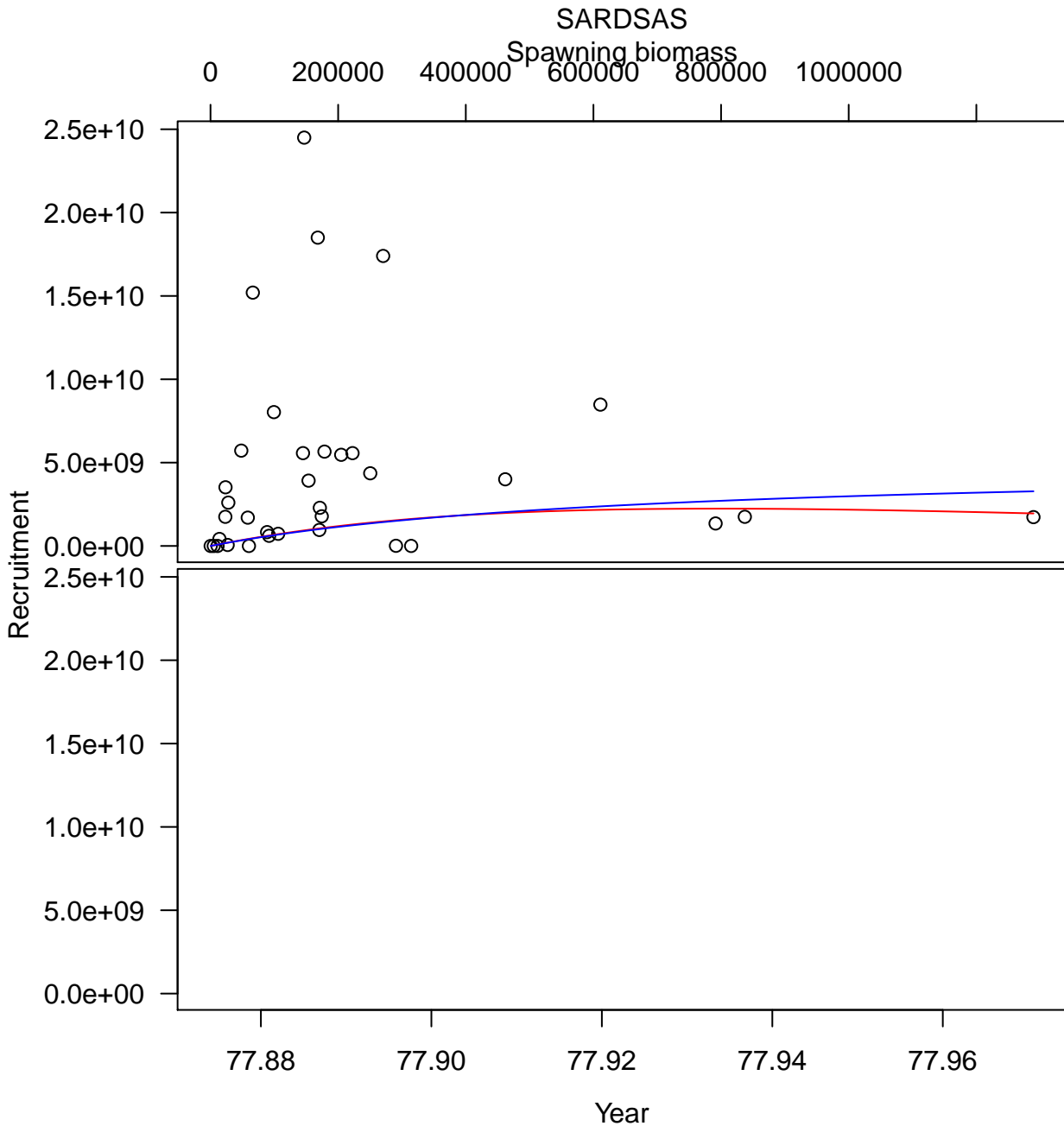
5e+07  
4e+07  
3e+07  
2e+07  
1e+07  
0e+00

-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

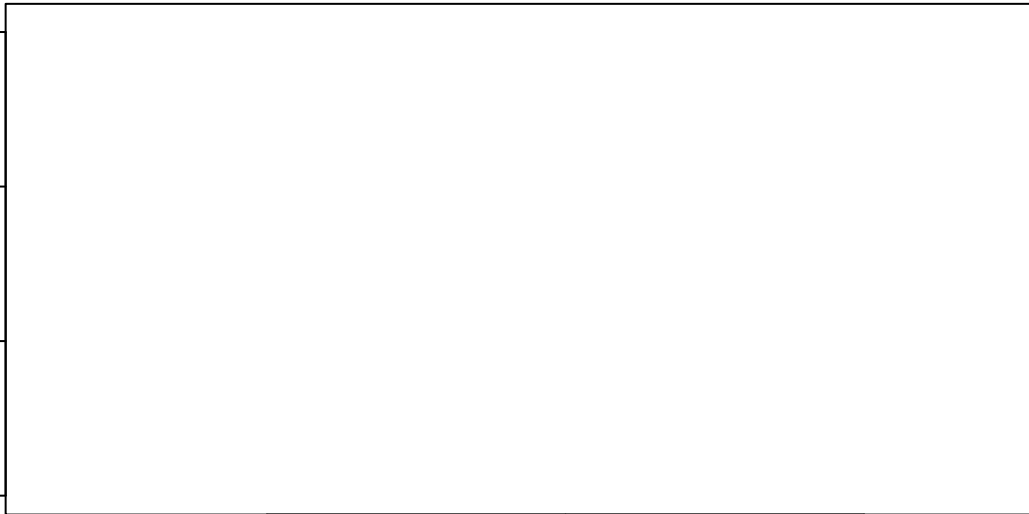
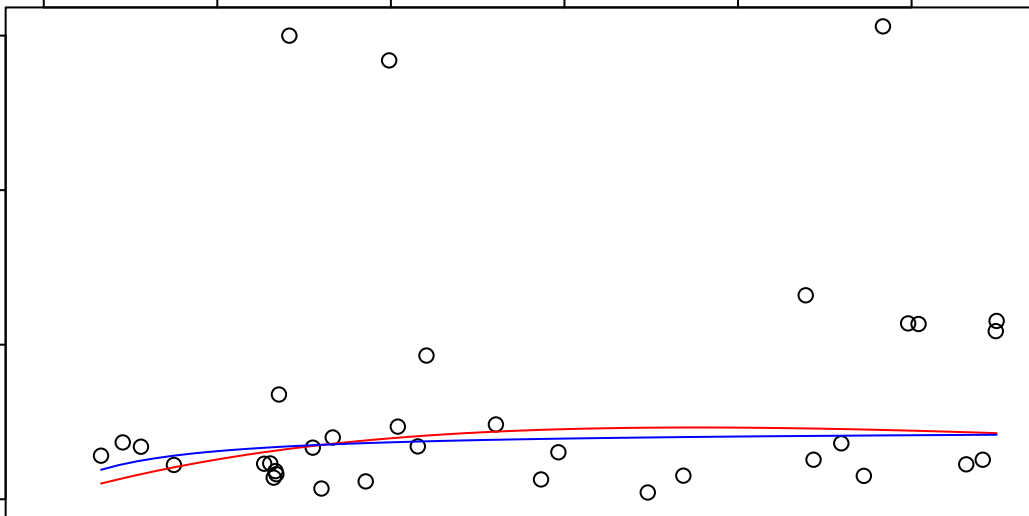
0.0e+00

3.0

2.5

2.0

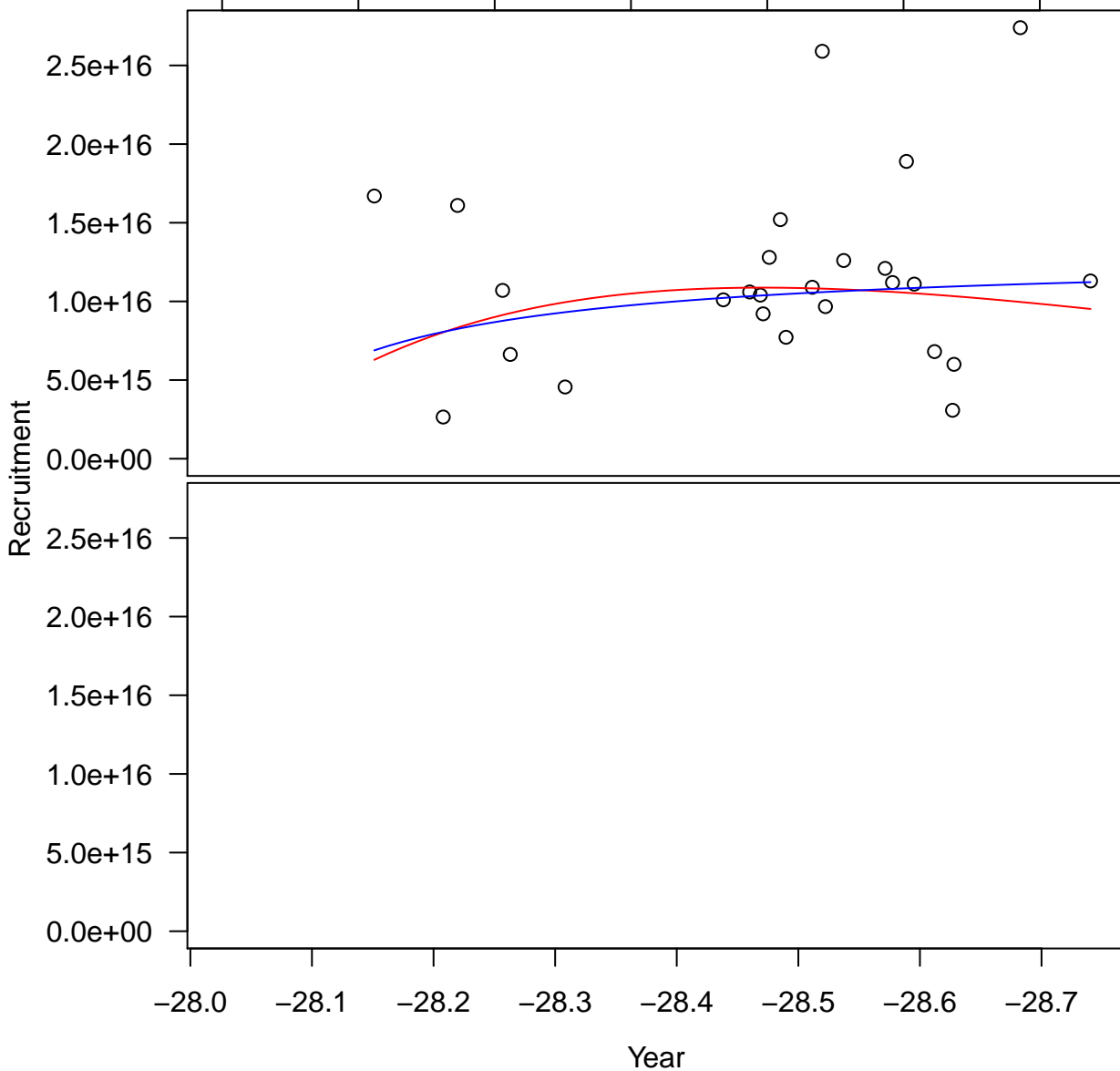
Year



SARDWSE

Spawning biomass

0 20000 40000 60000 80000 100000 120000

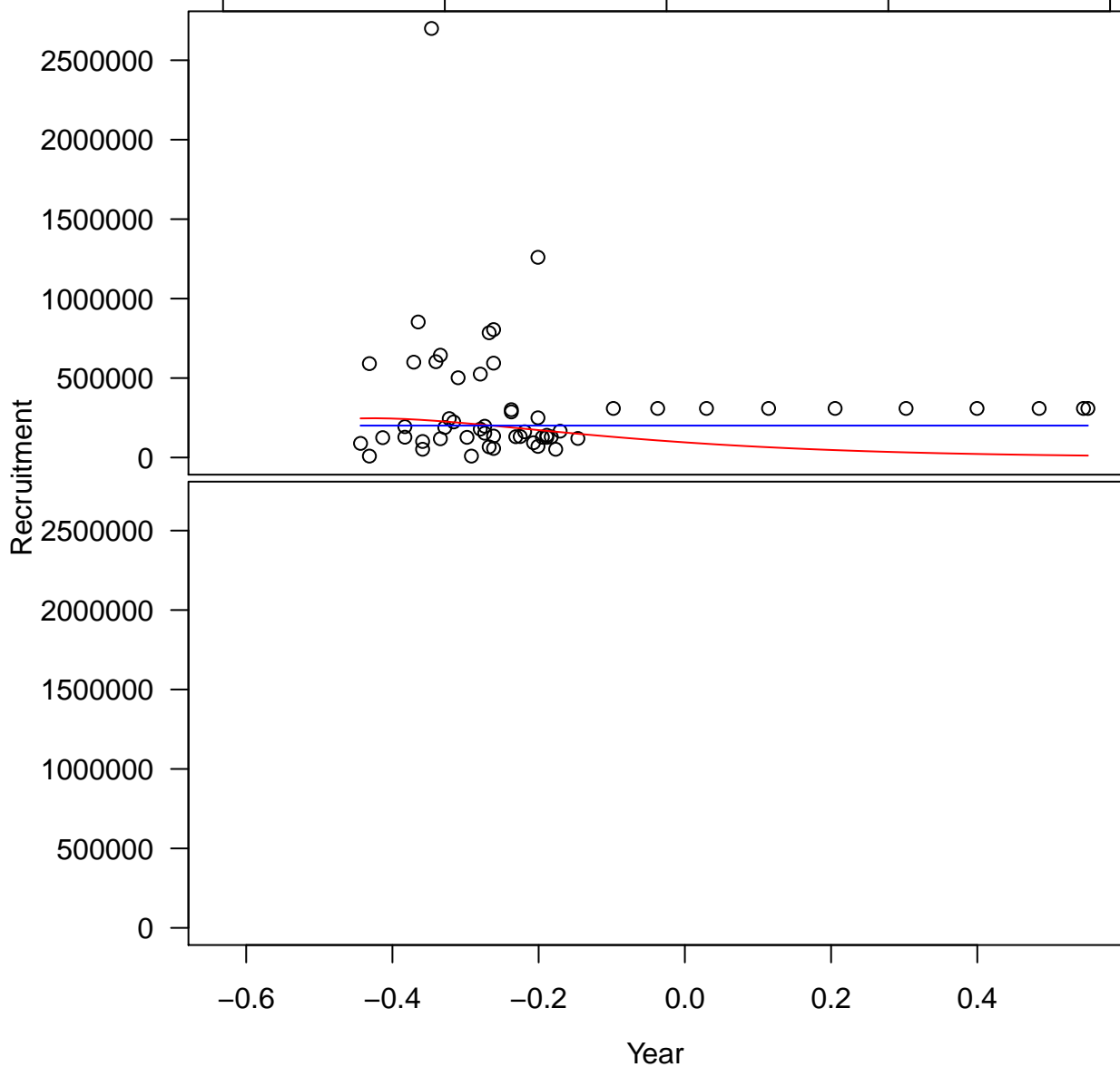


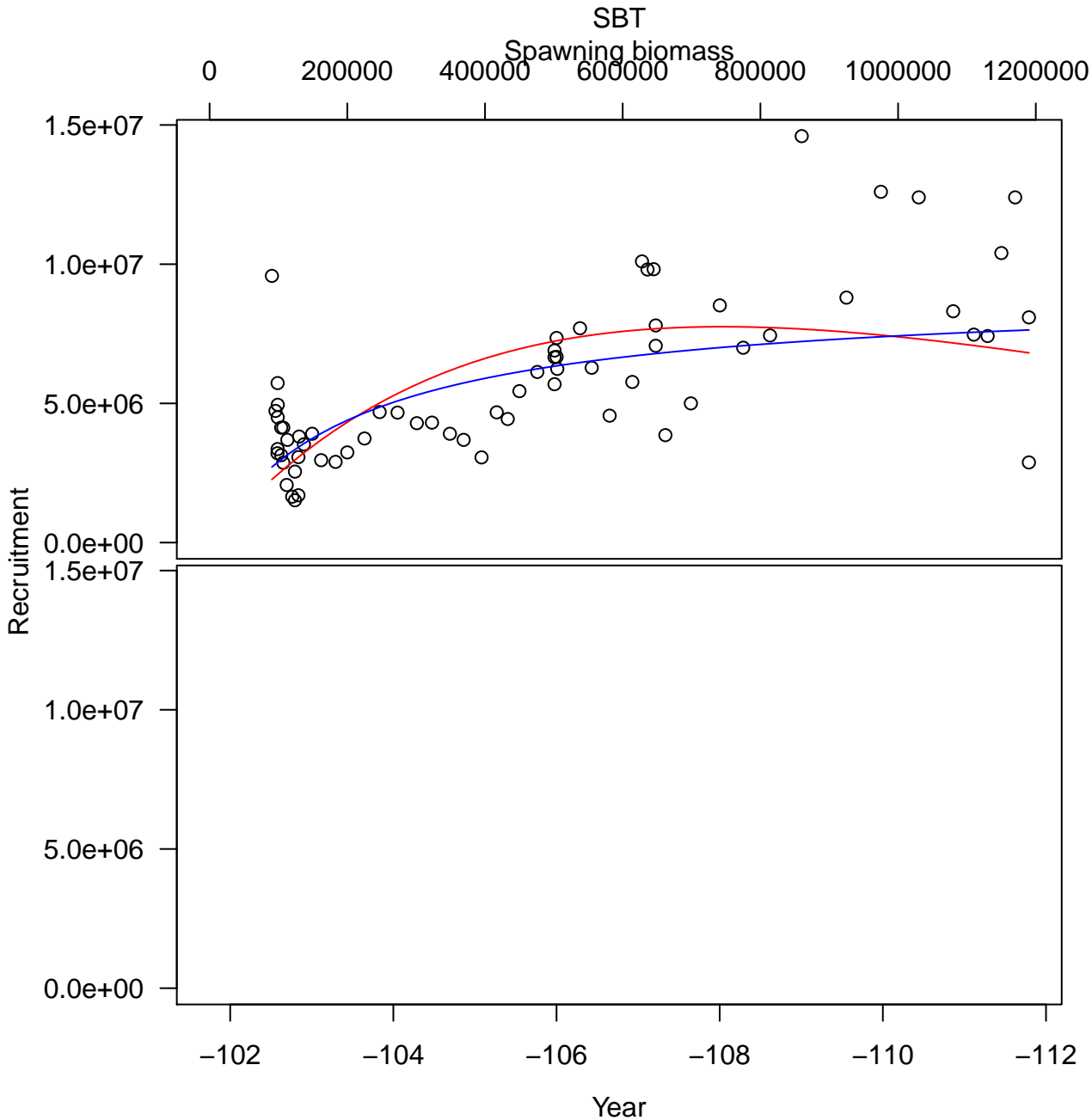


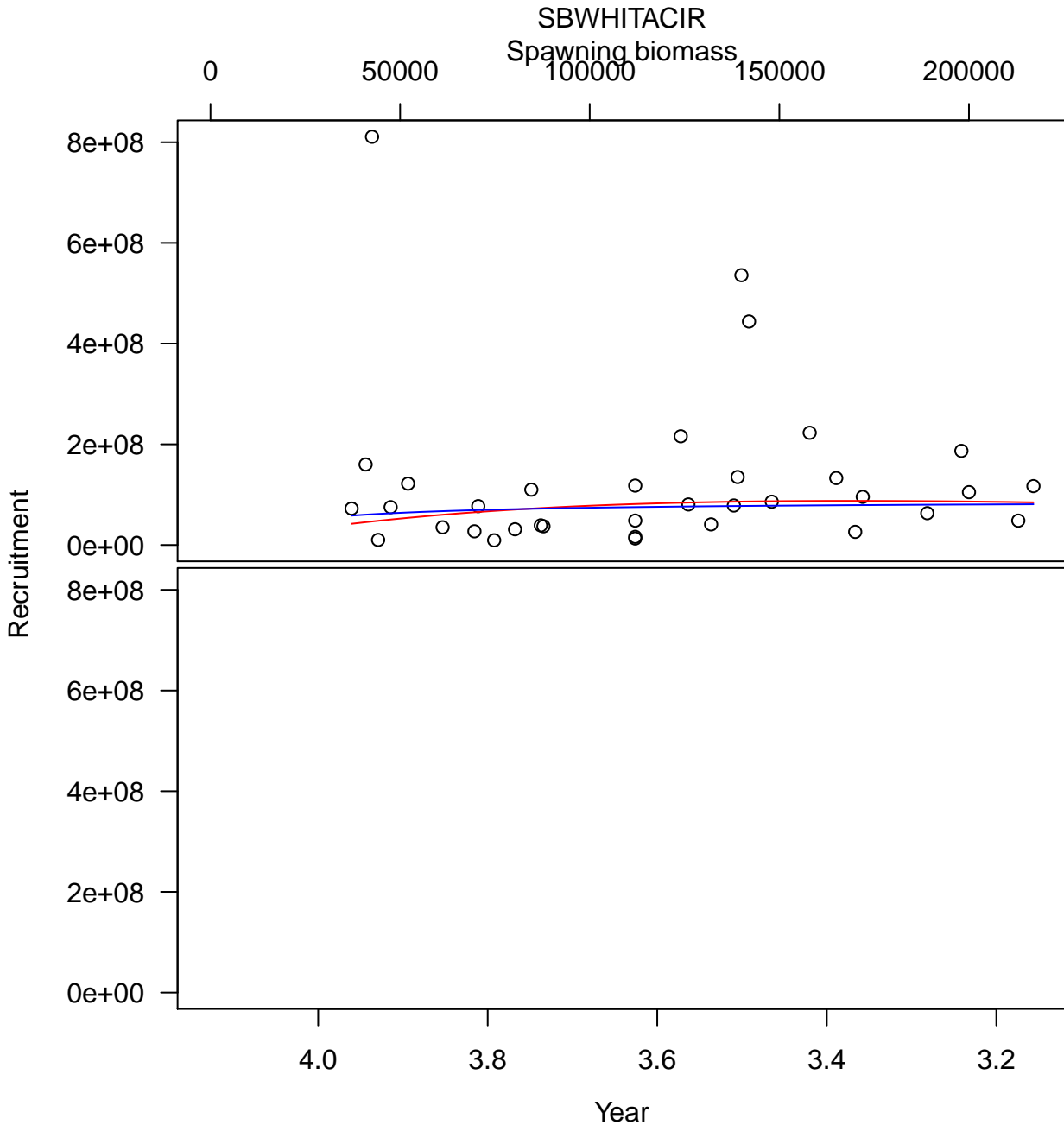
# SBELLYROCKPCOAST

Spawning biomass

0 50000 100000 150000 200000







# SBWHITARGS

Spawning biomass

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

8e+08

6e+08

4e+08

2e+08

0e+00

Recruitment

8e+08

6e+08

4e+08

2e+08

0e+00

6

4

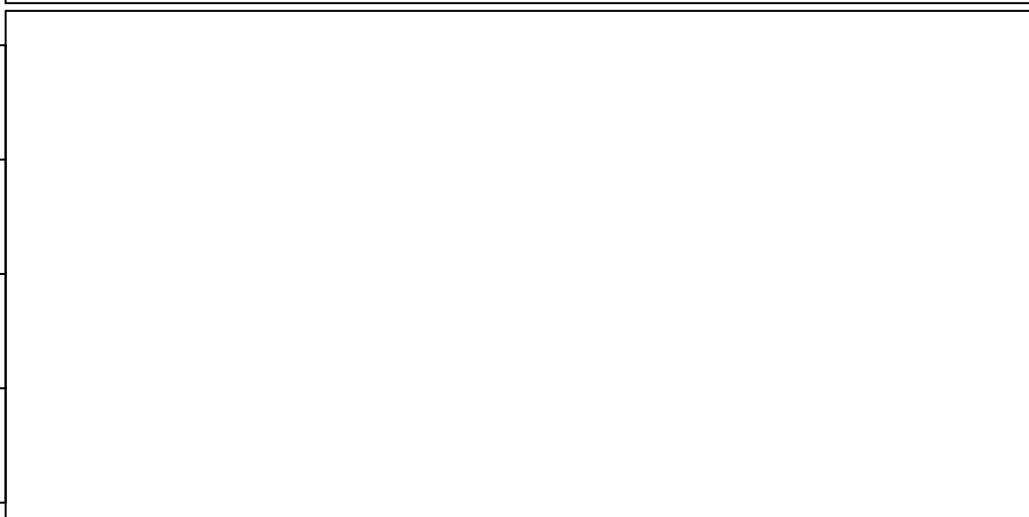
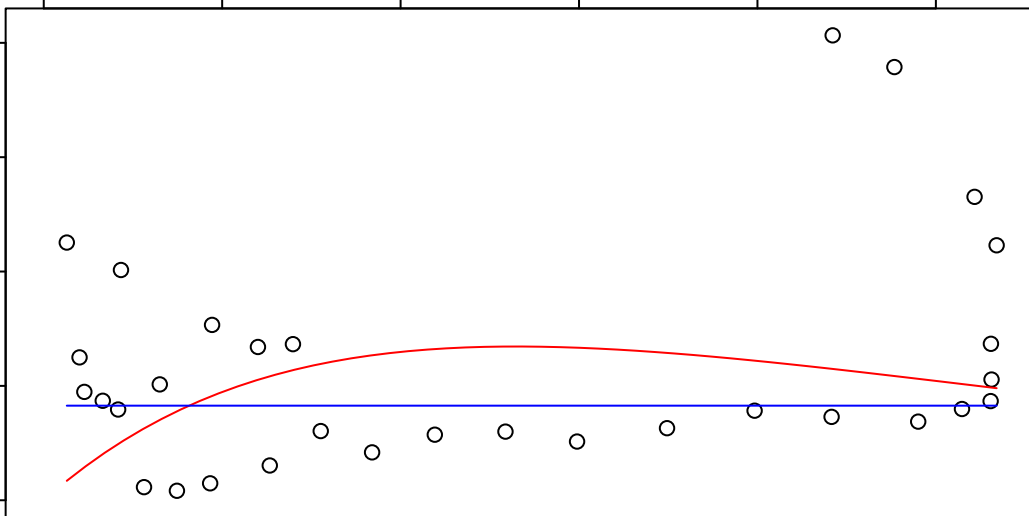
2

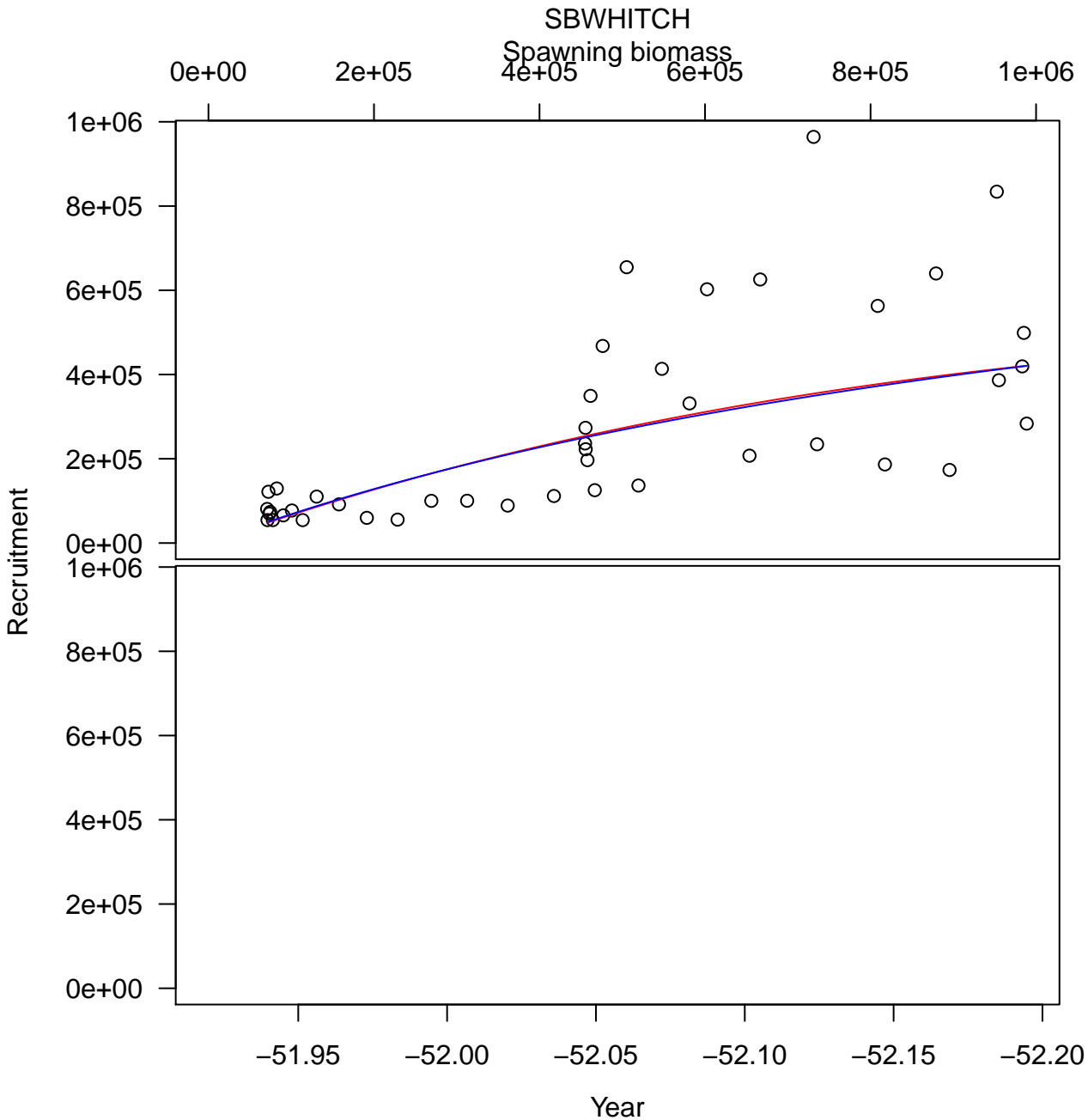
0

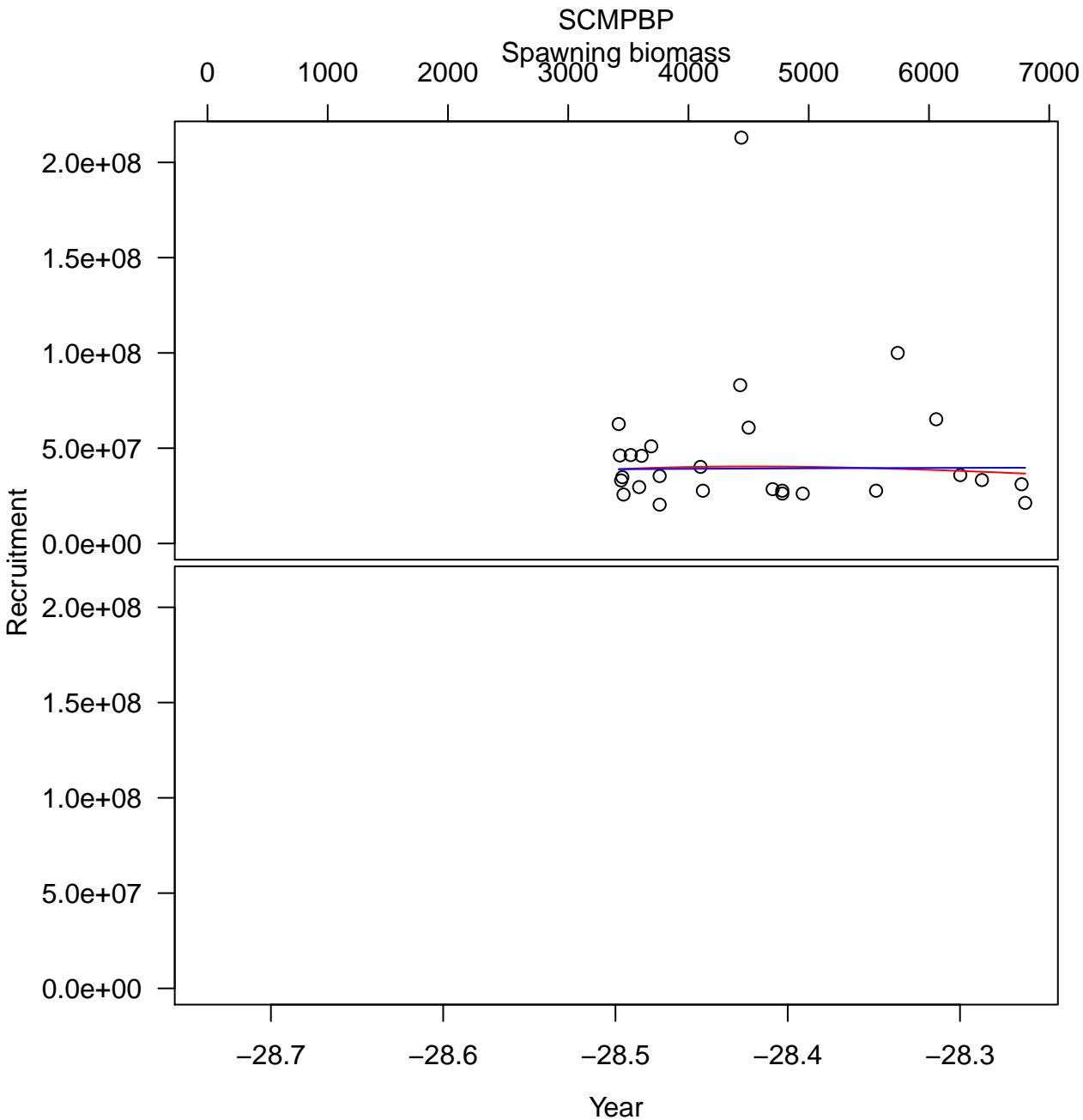
-2

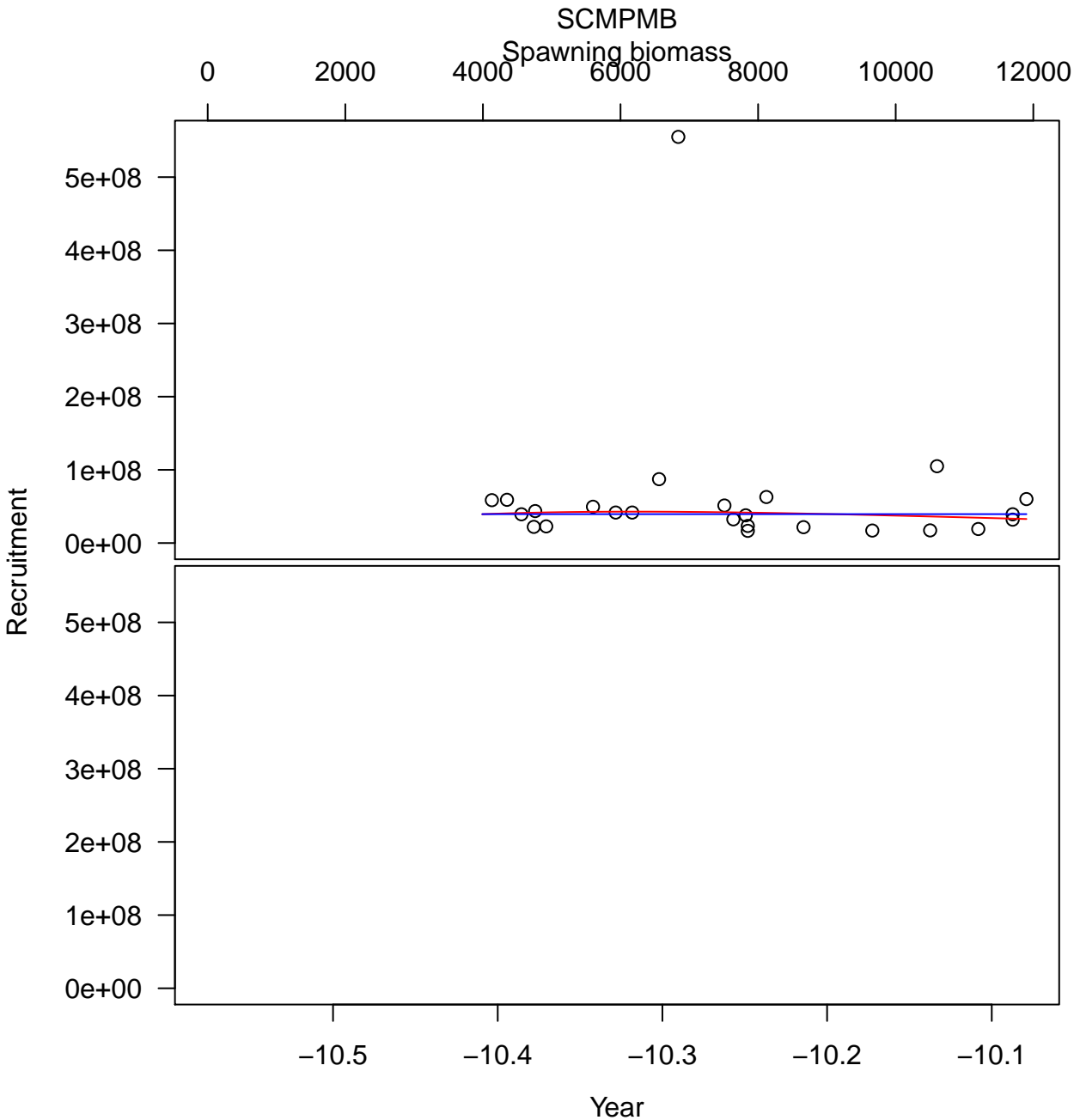
-4

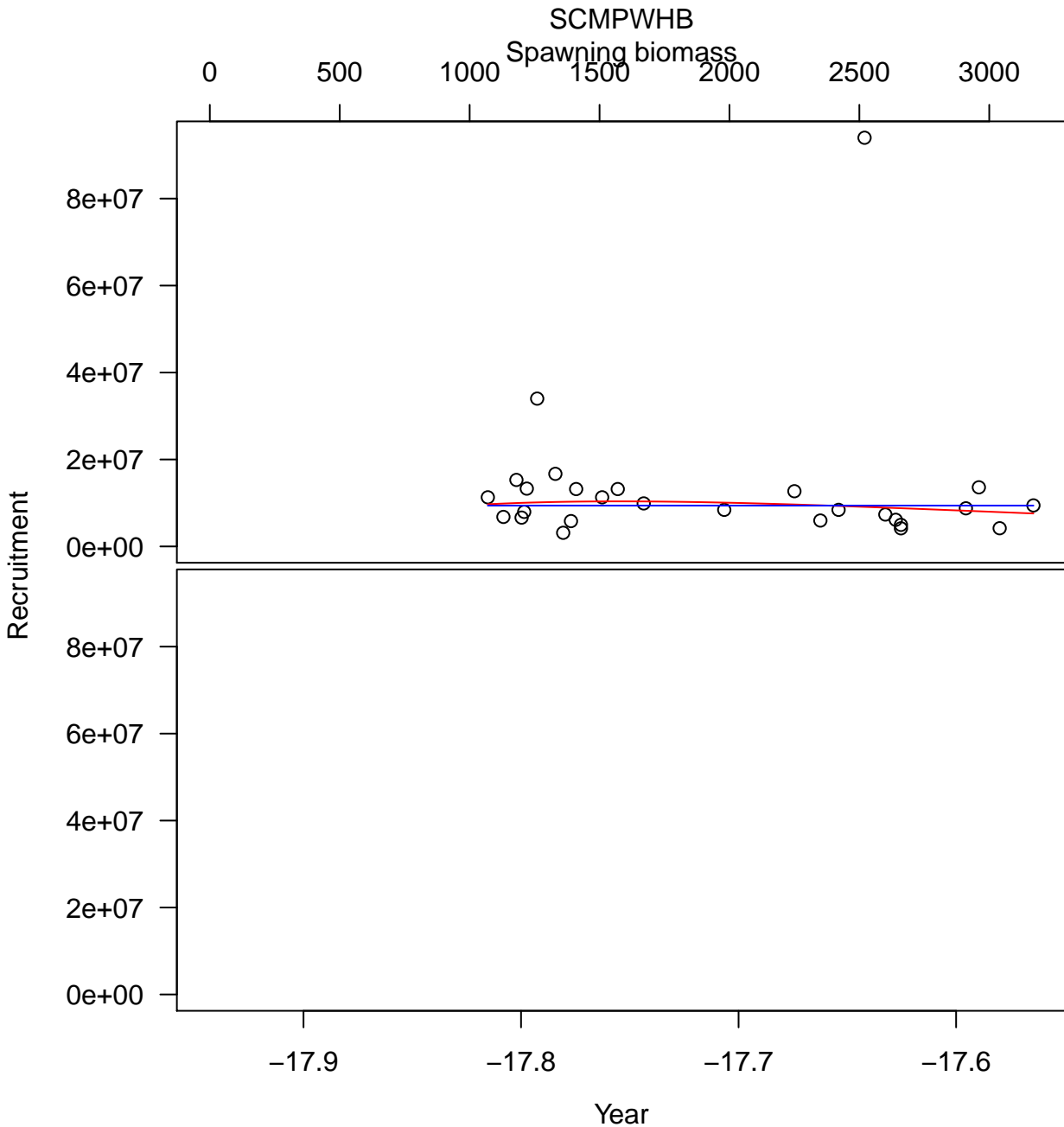
Year













SCUPNWATLC

Spawning biomass

0

50000

100000

150000

200000

$2.5 \times 10^8$

$2.0 \times 10^8$

$1.5 \times 10^8$

$1.0 \times 10^8$

$5.0 \times 10^7$

$0.0 \times 10^0$

Recruitment

$2.5 \times 10^8$

$2.0 \times 10^8$

$1.5 \times 10^8$

$1.0 \times 10^8$

$5.0 \times 10^7$

$0.0 \times 10^0$

-52

-53

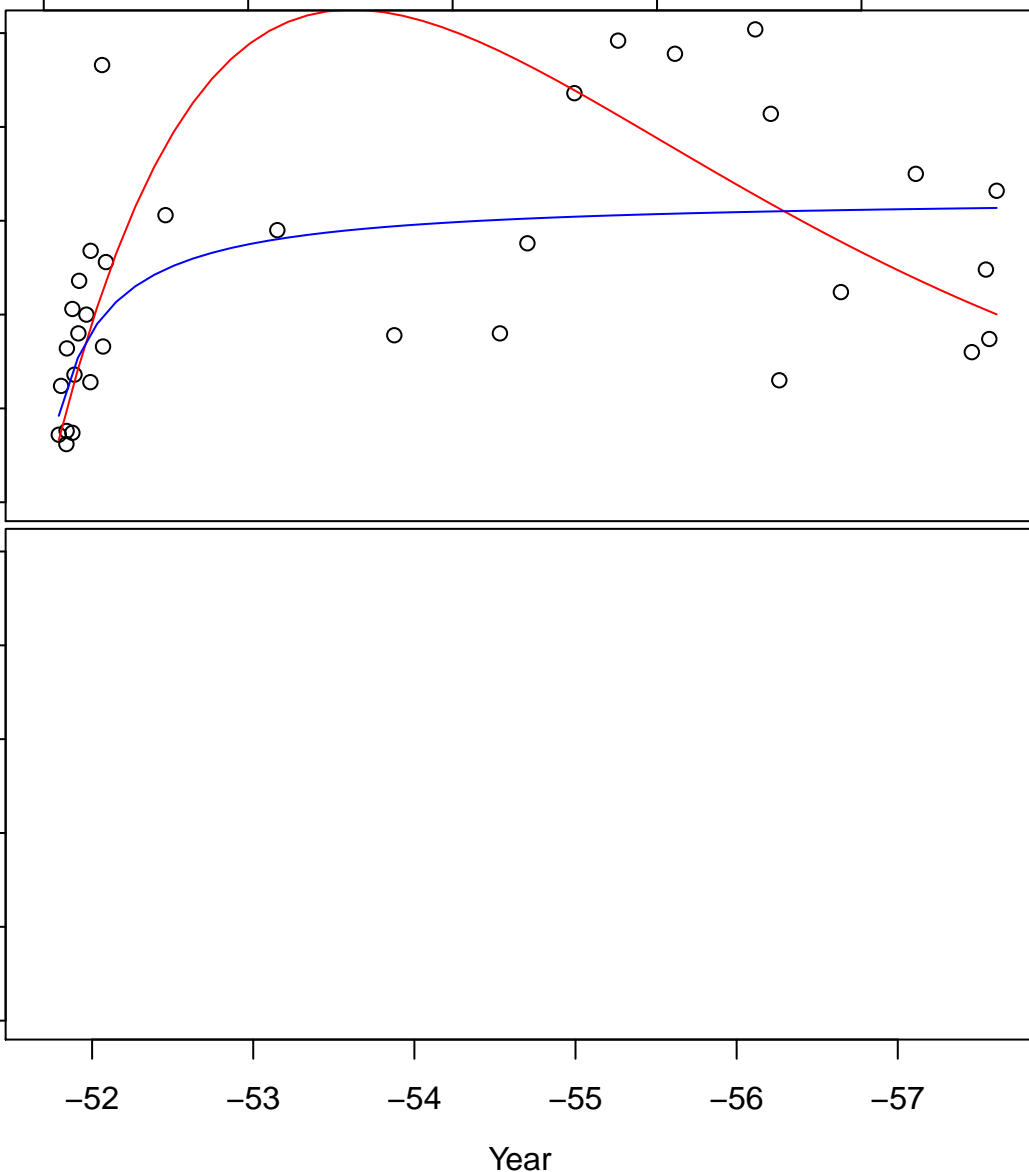
-54

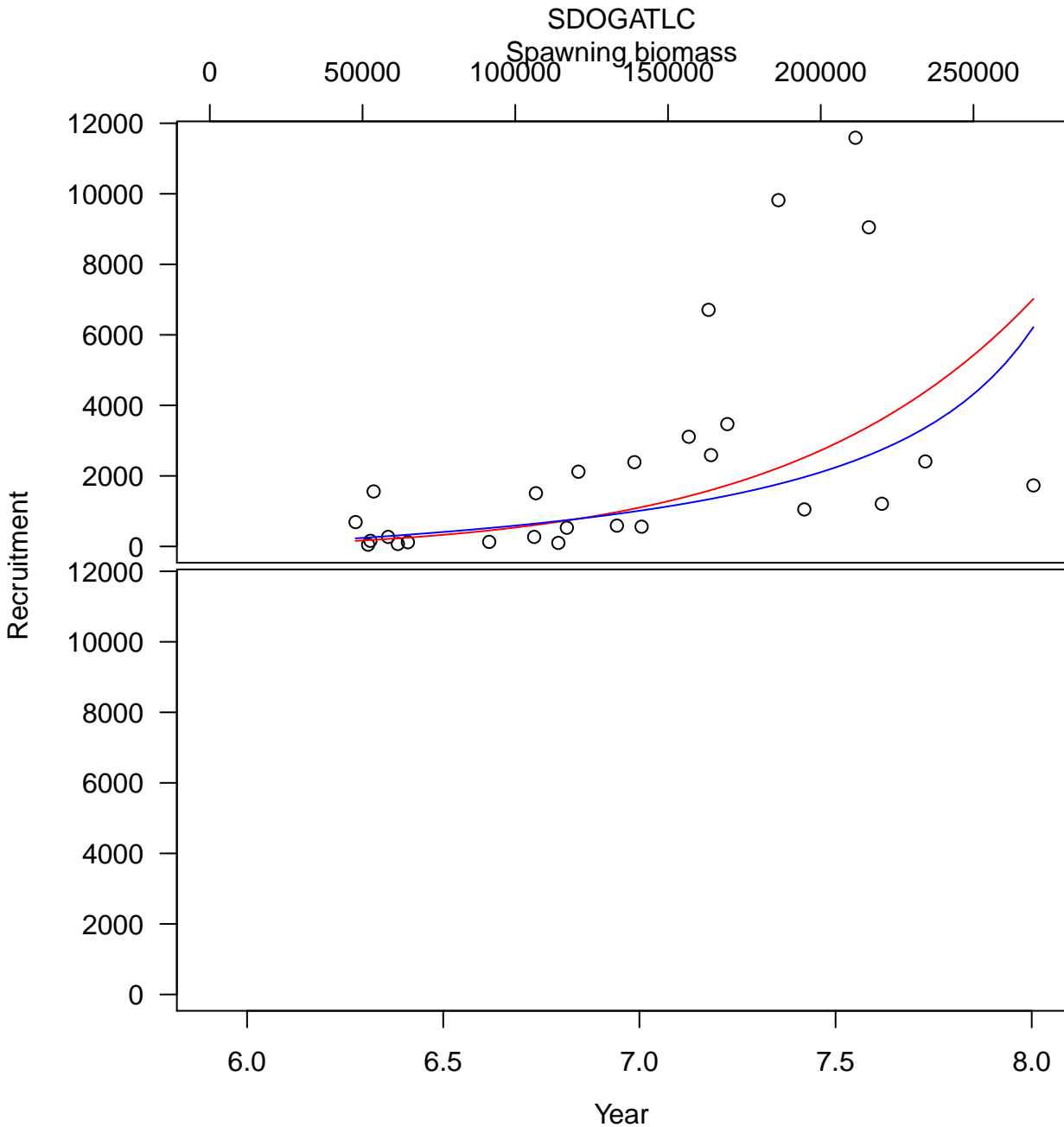
-55

-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

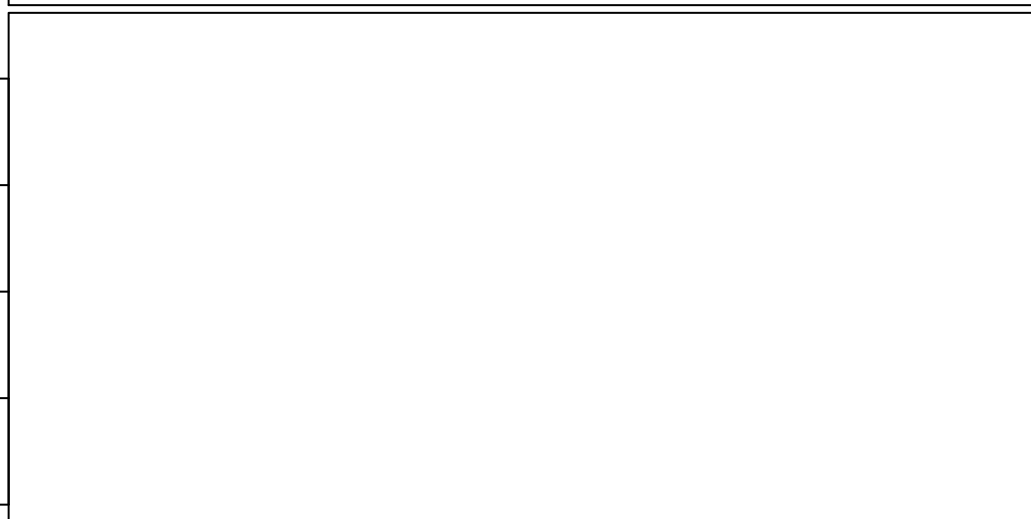
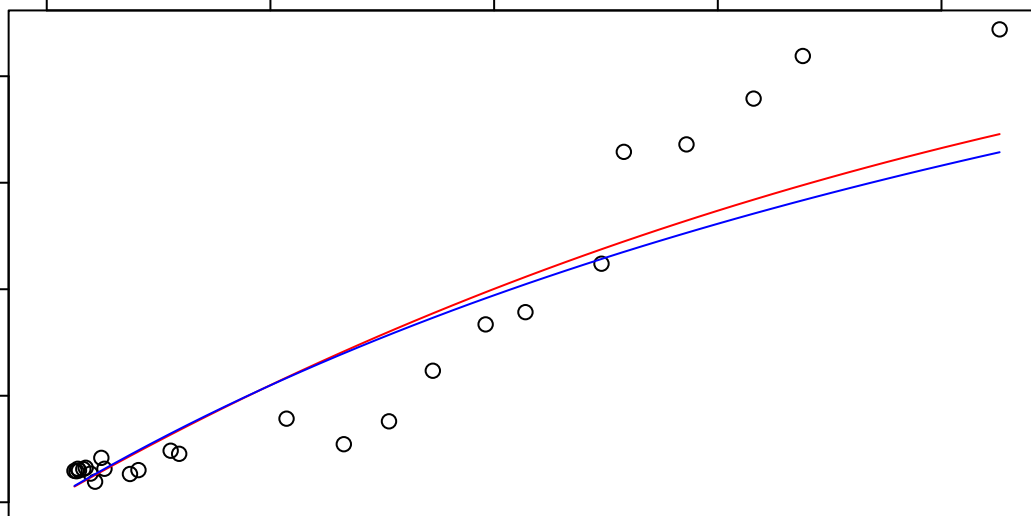
-40.6

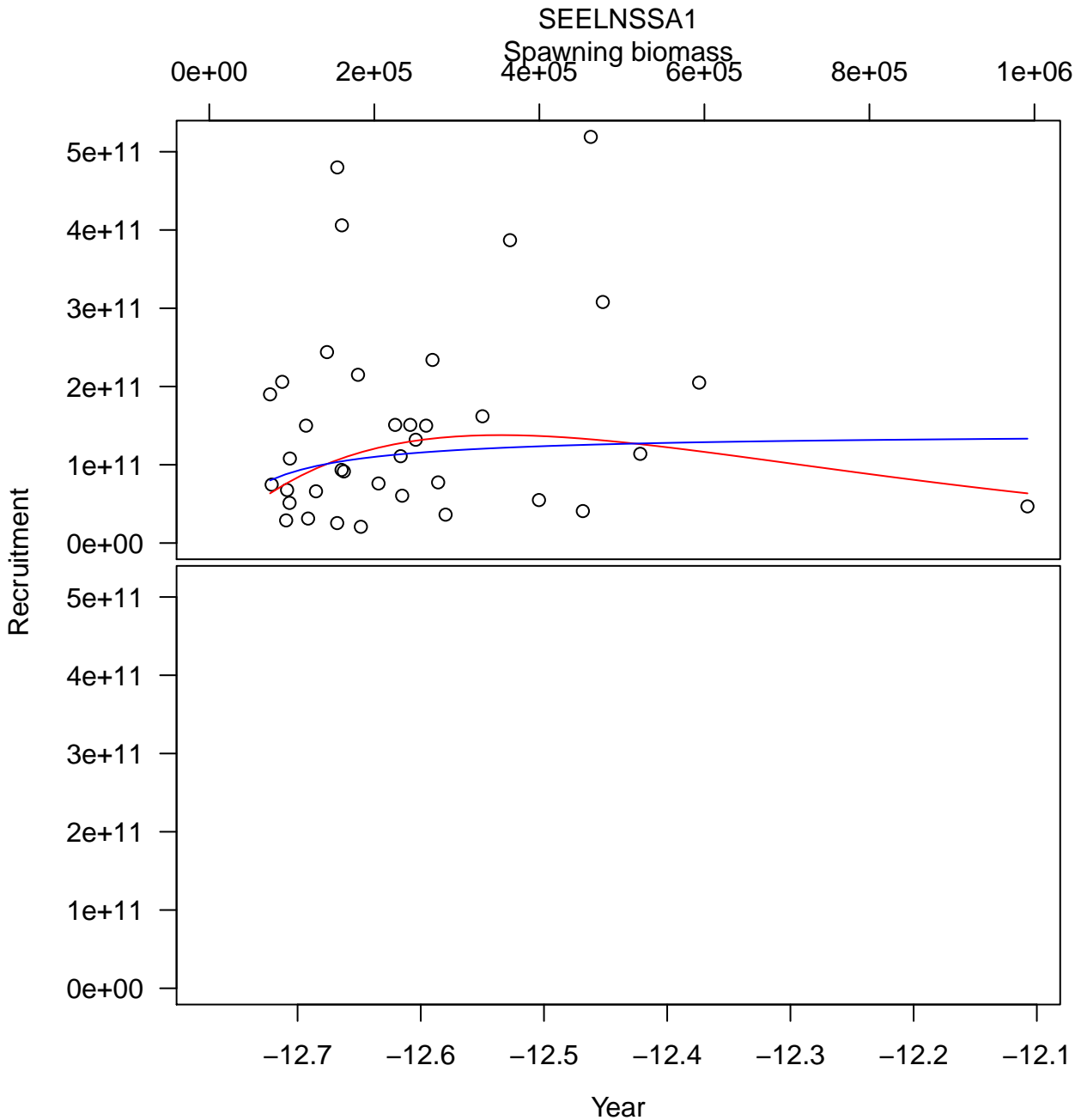
-40.7

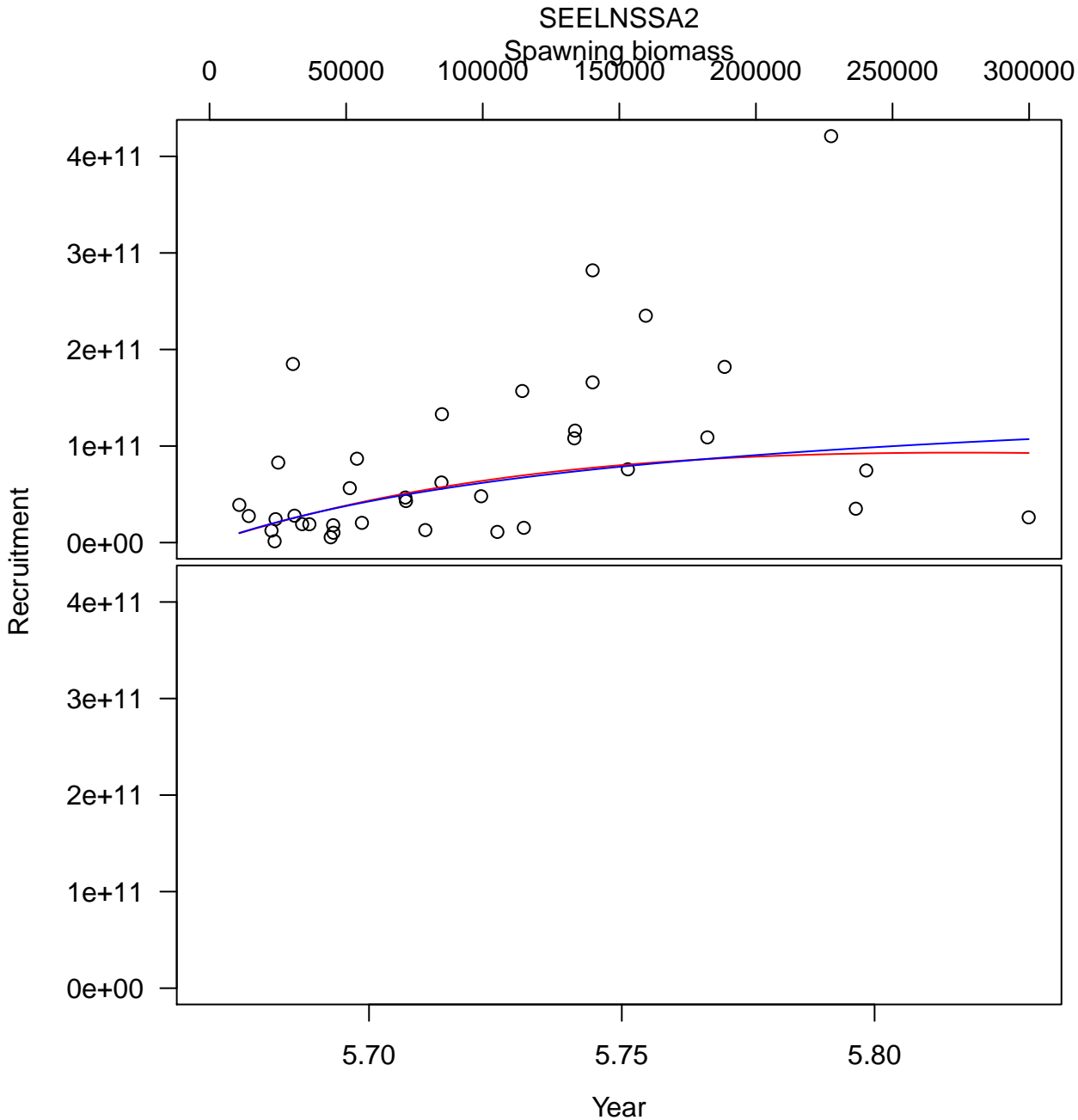
-40.8

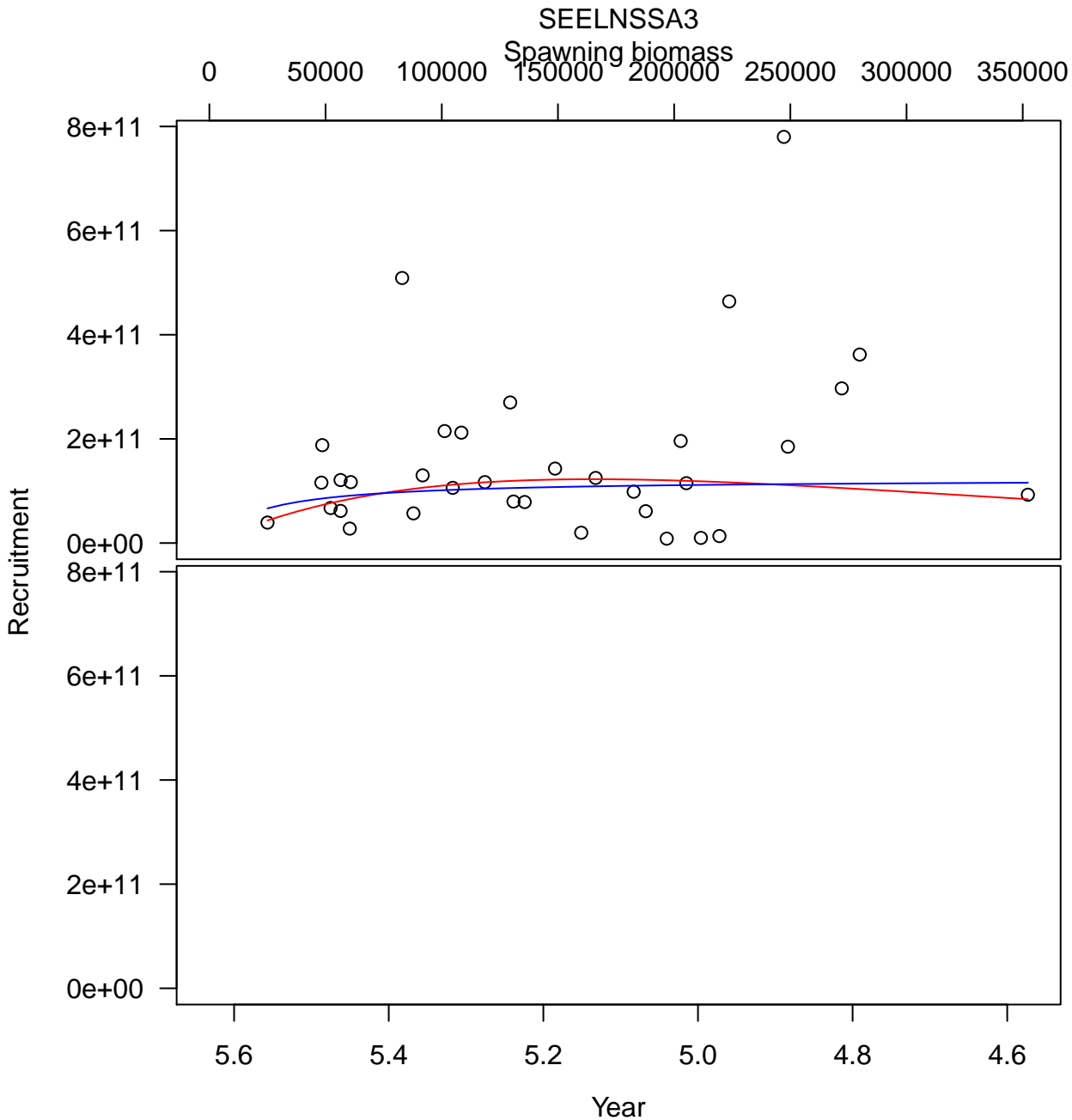
-40.9

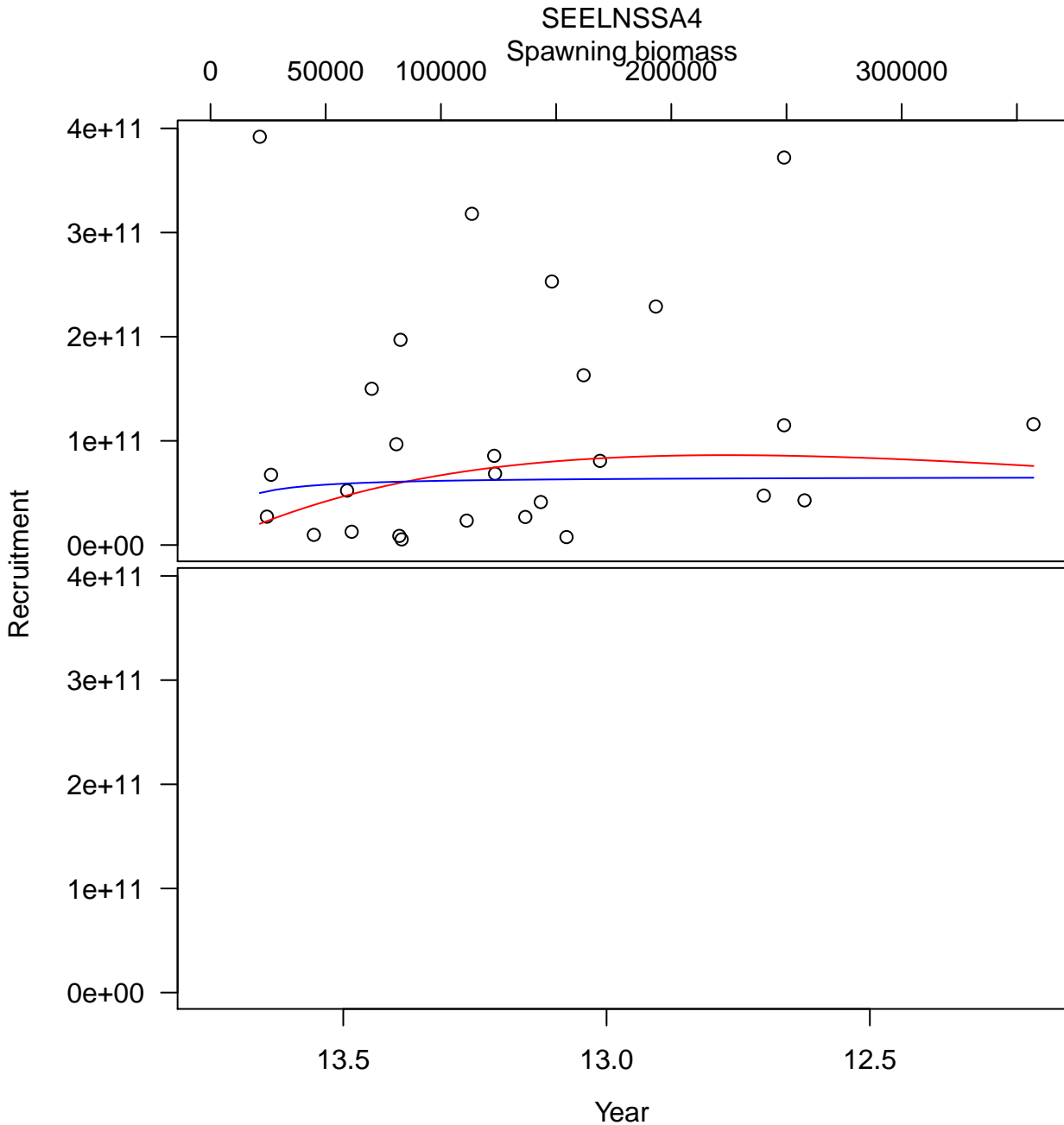
Year

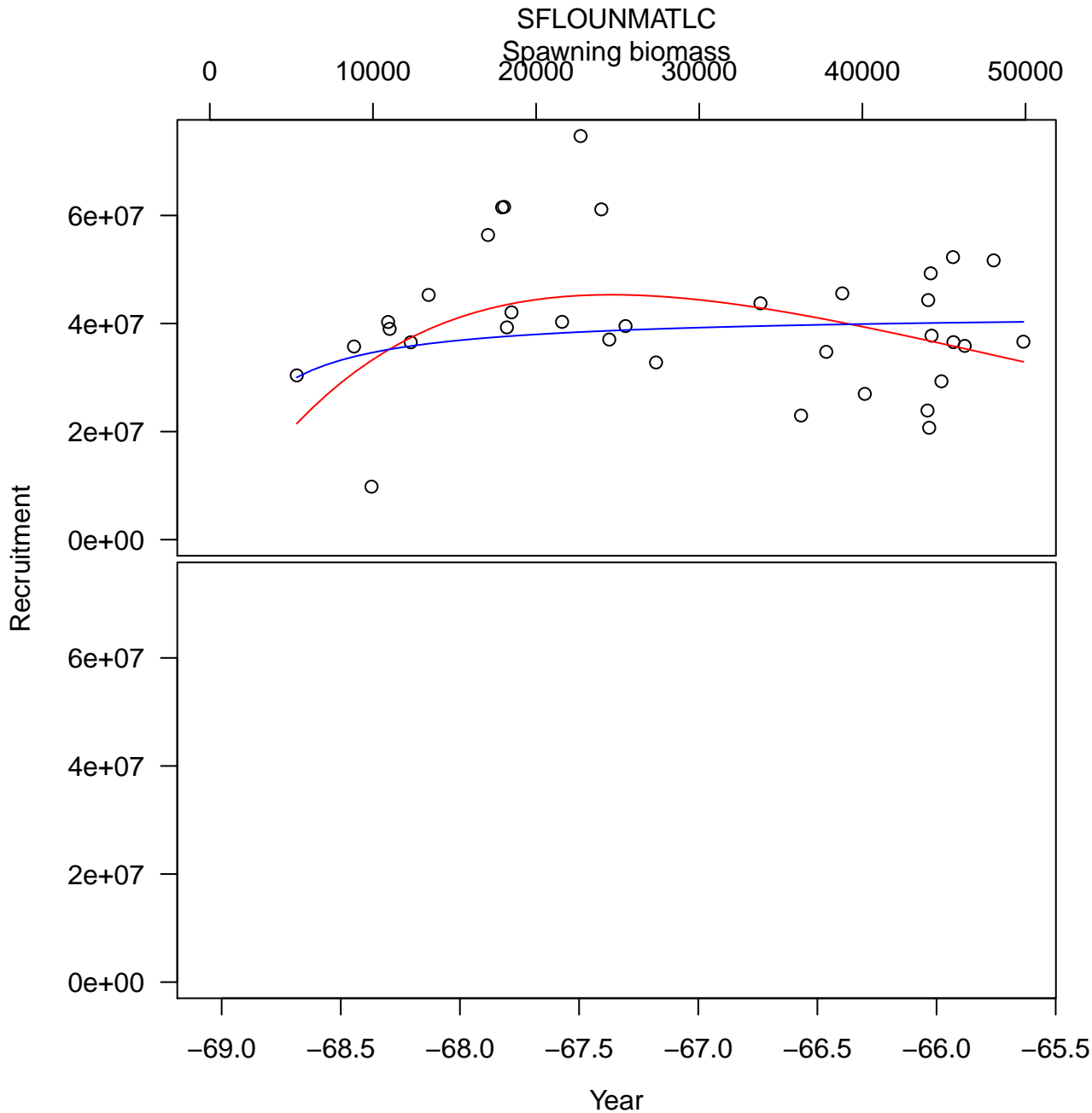








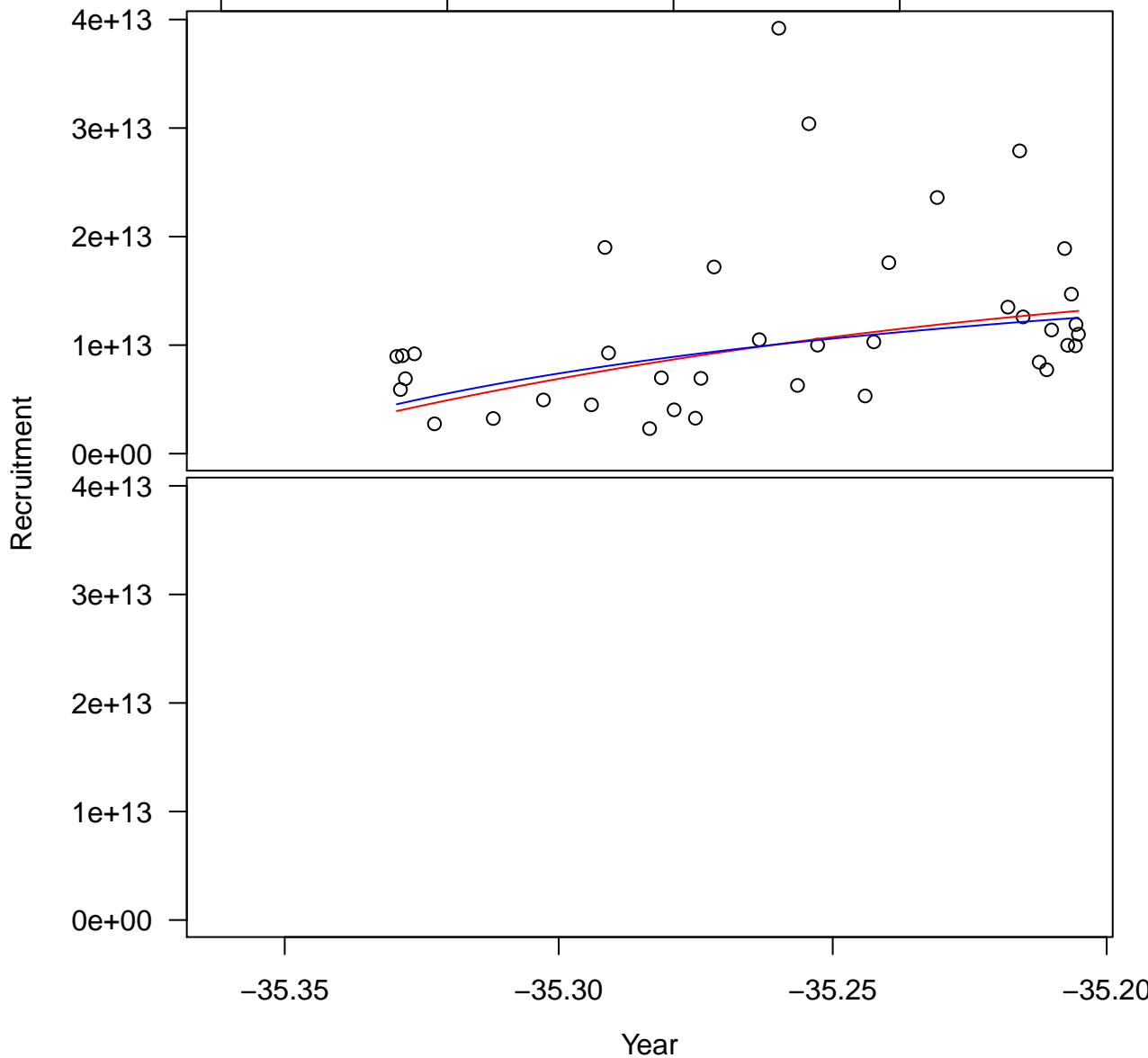






SILVERFISHSE  
Spawning biomass

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

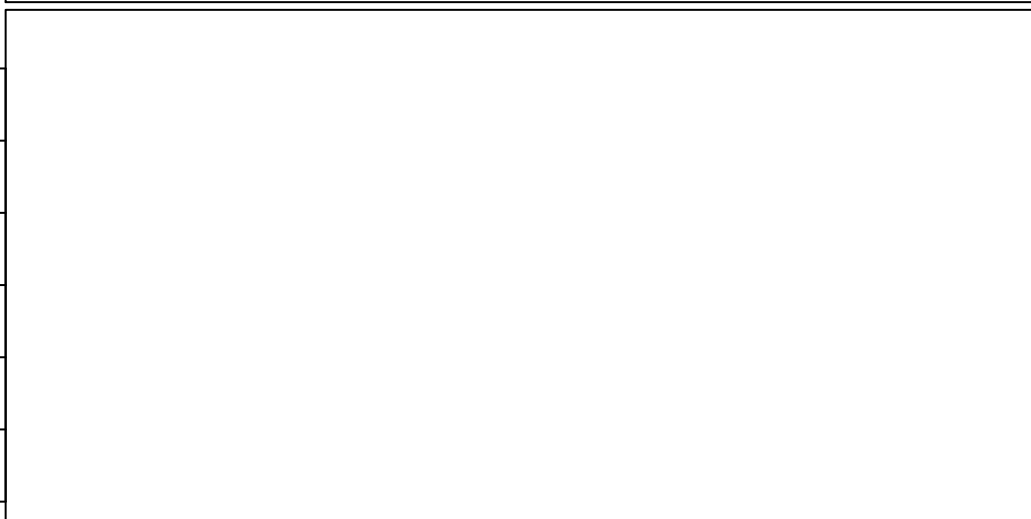
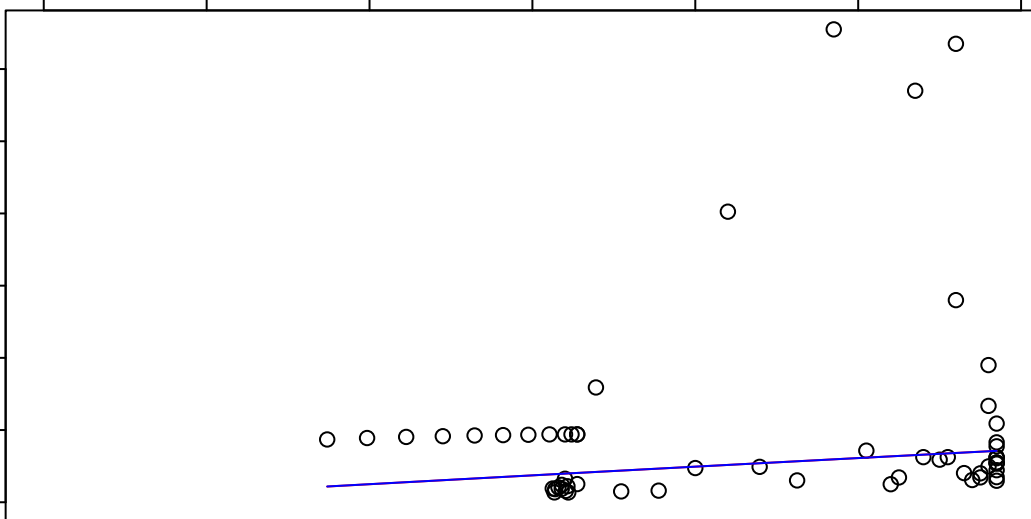
-7.0527

-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

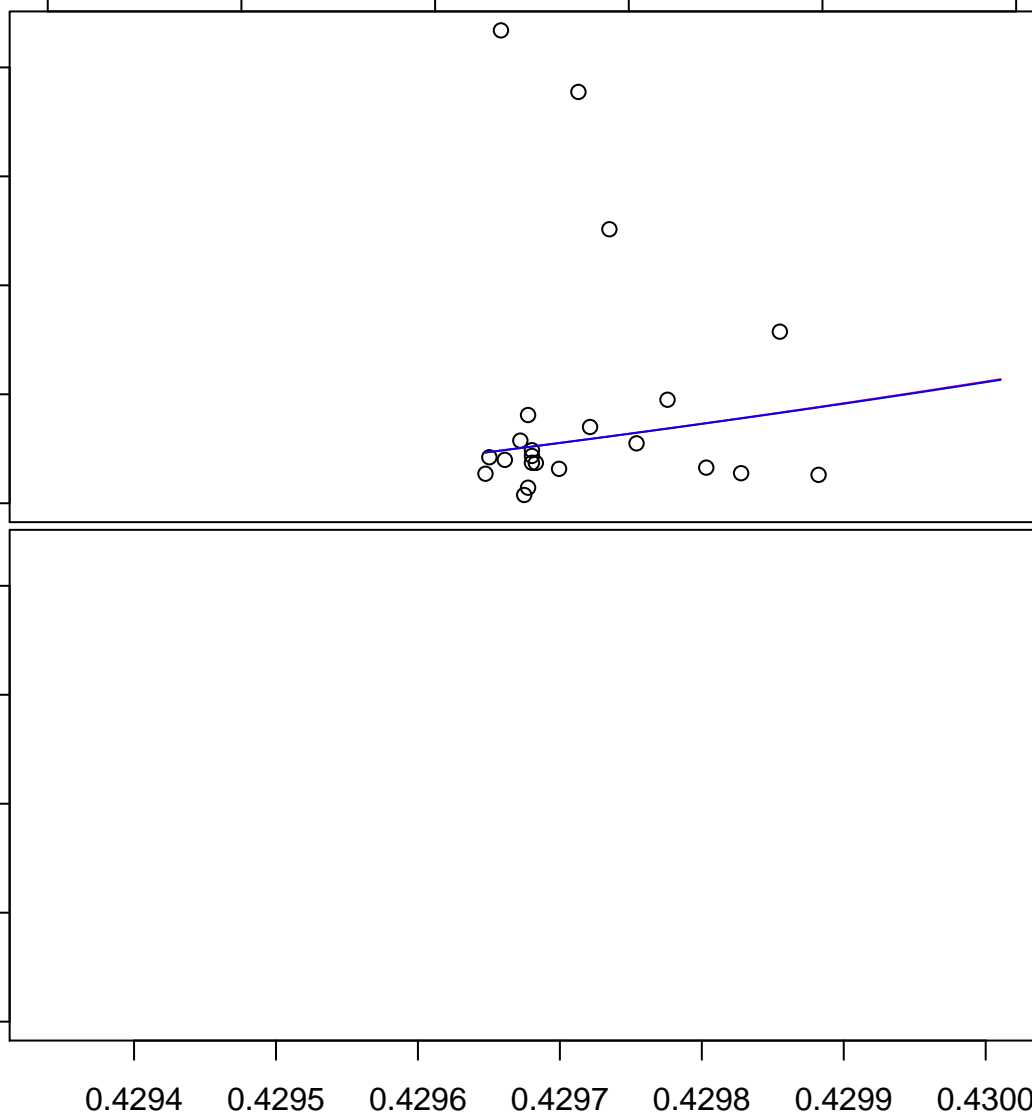
0.4297

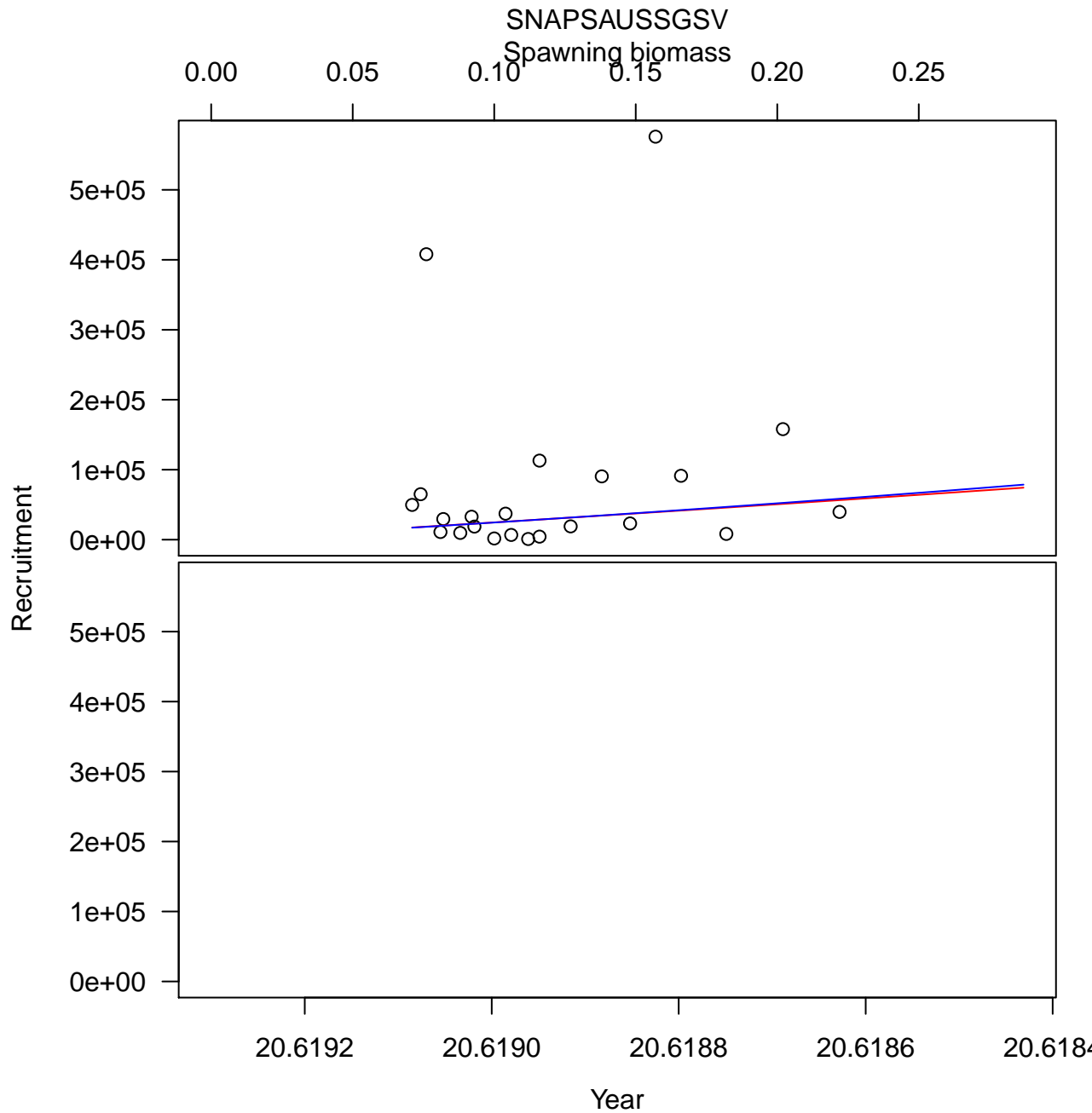
0.4298

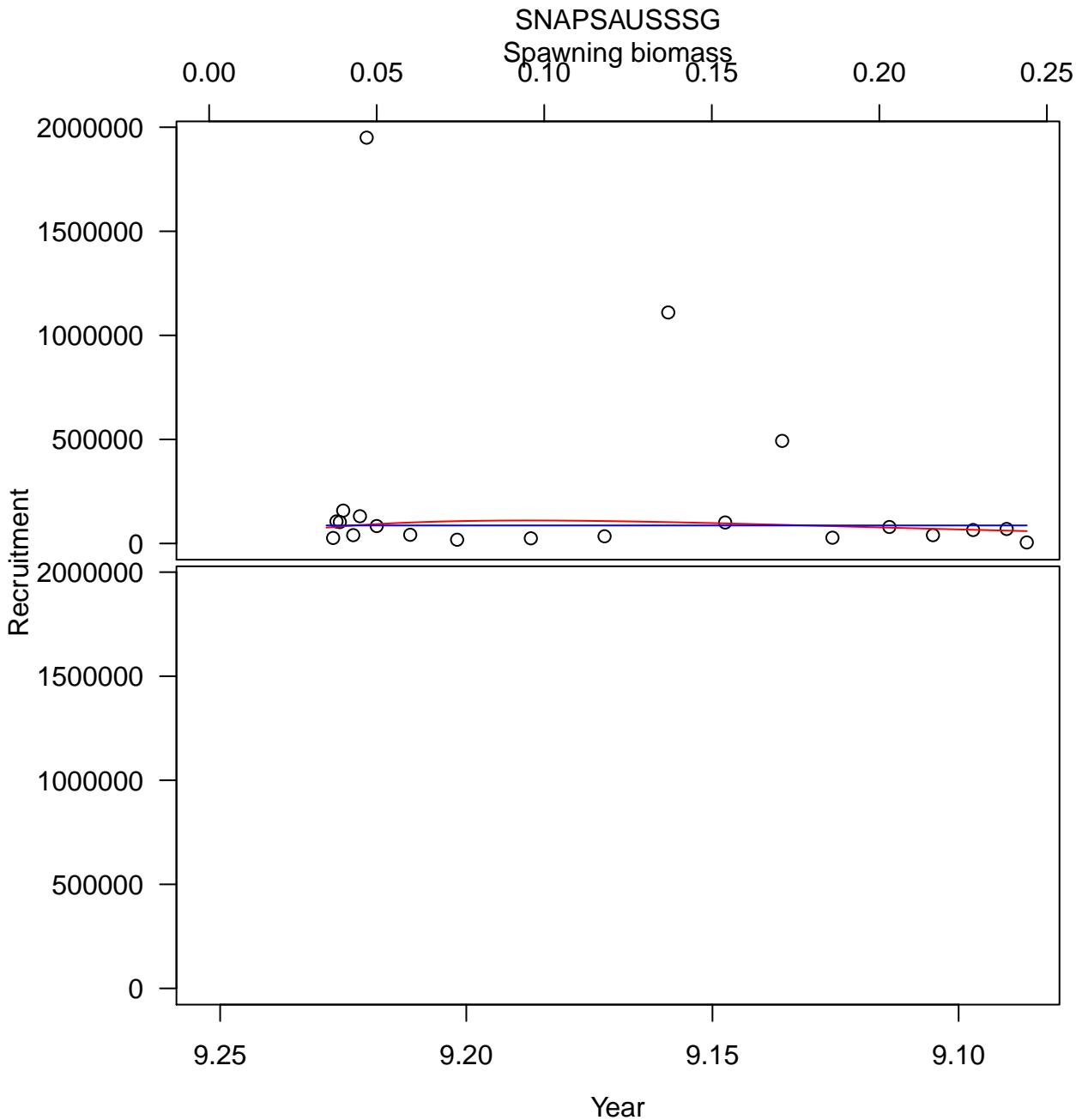
0.4299

0.4300

Year







# SNOWCRABBS

Spawning biomass

0 50000 100000 150000 200000 250000

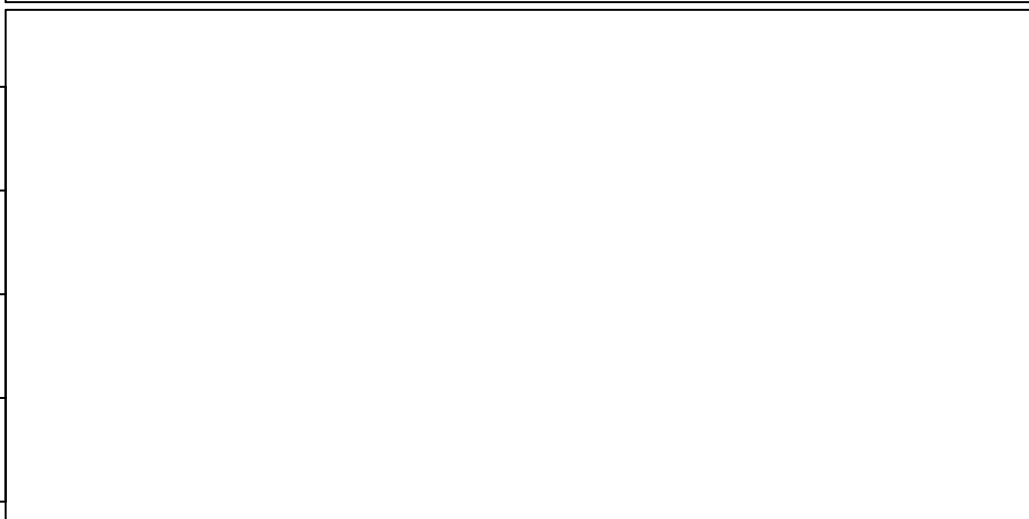
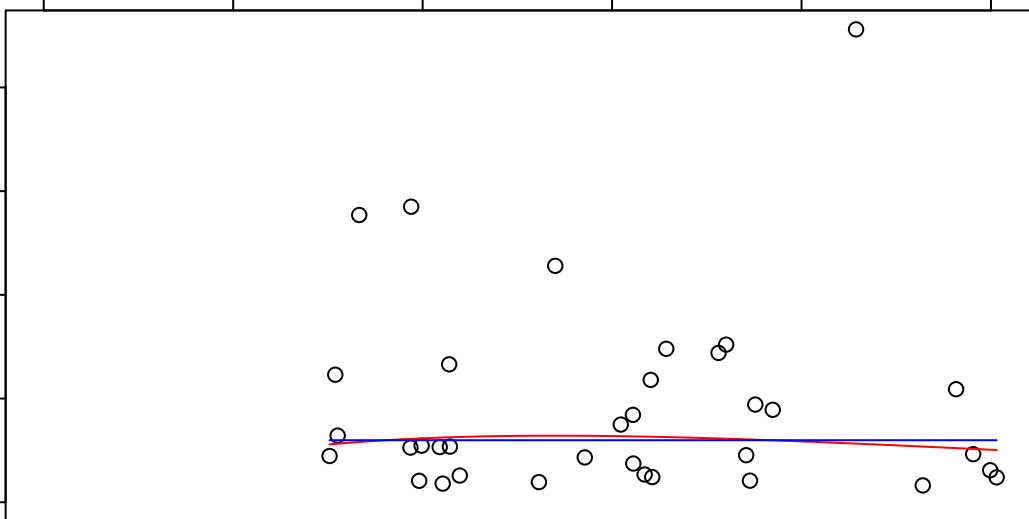
Recruitment

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

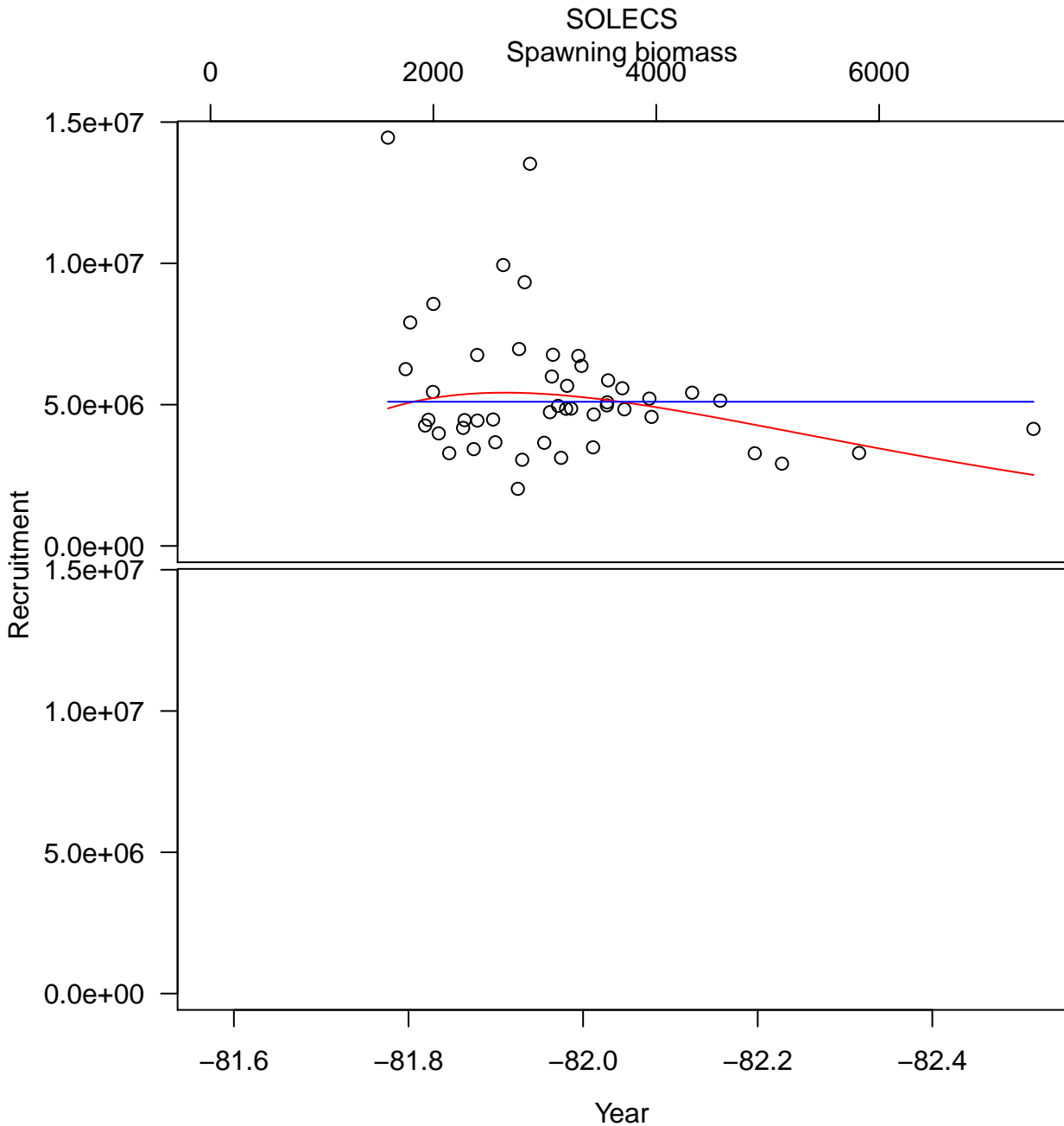
-25

-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

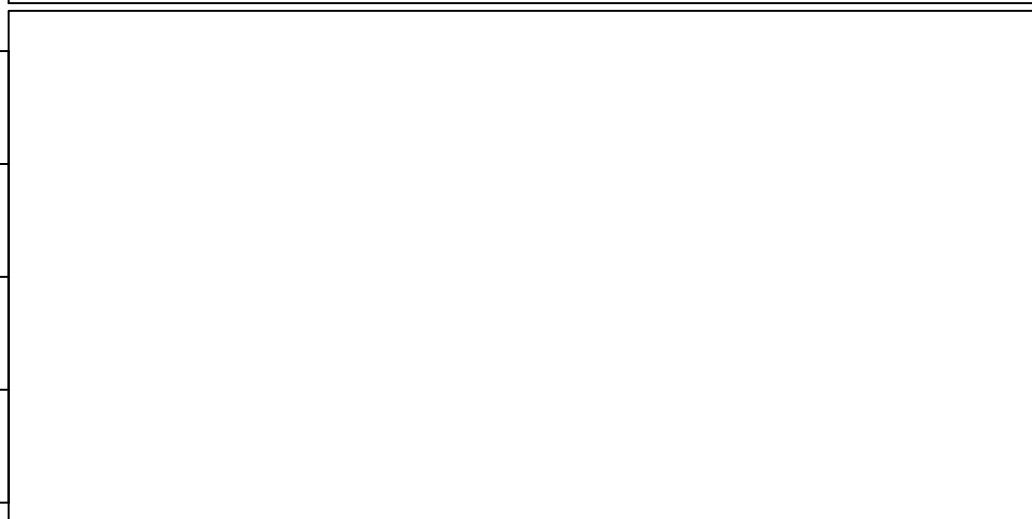
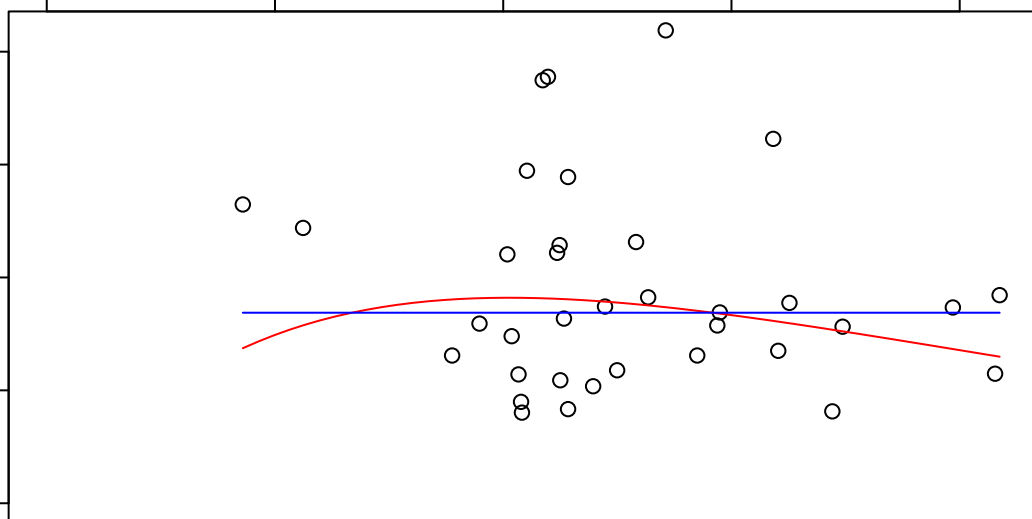
-53.0

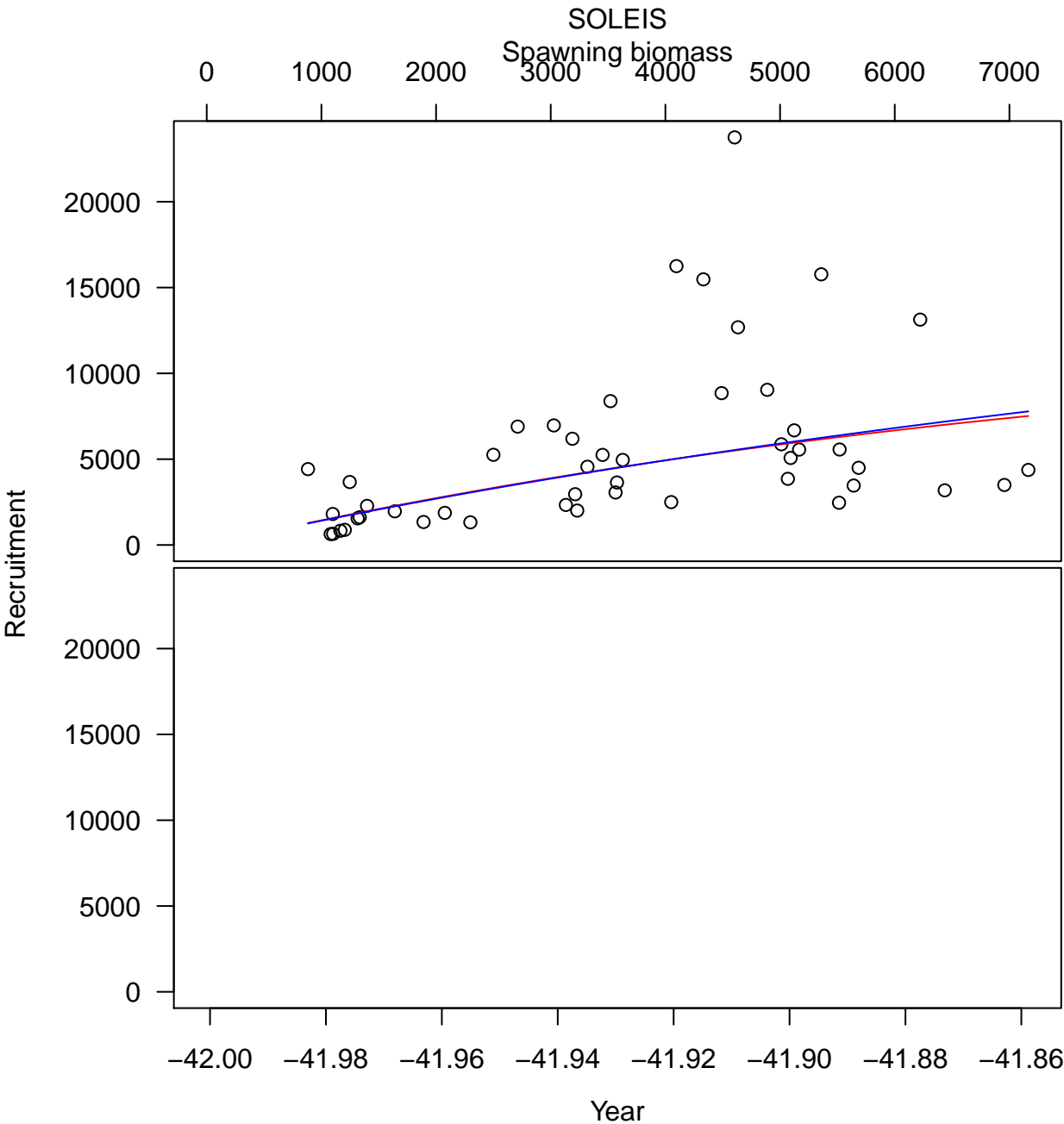
-53.5

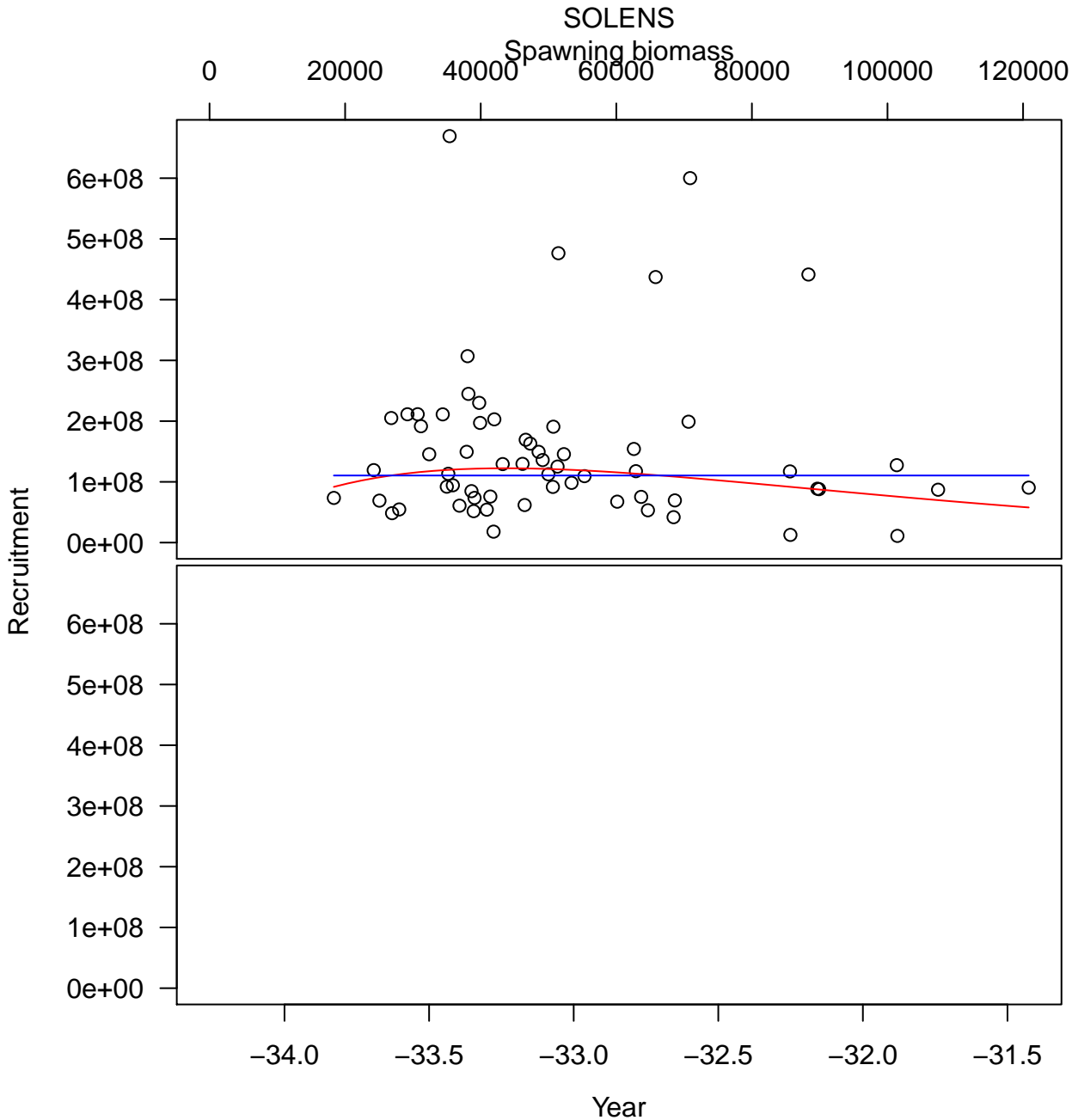
-54.0

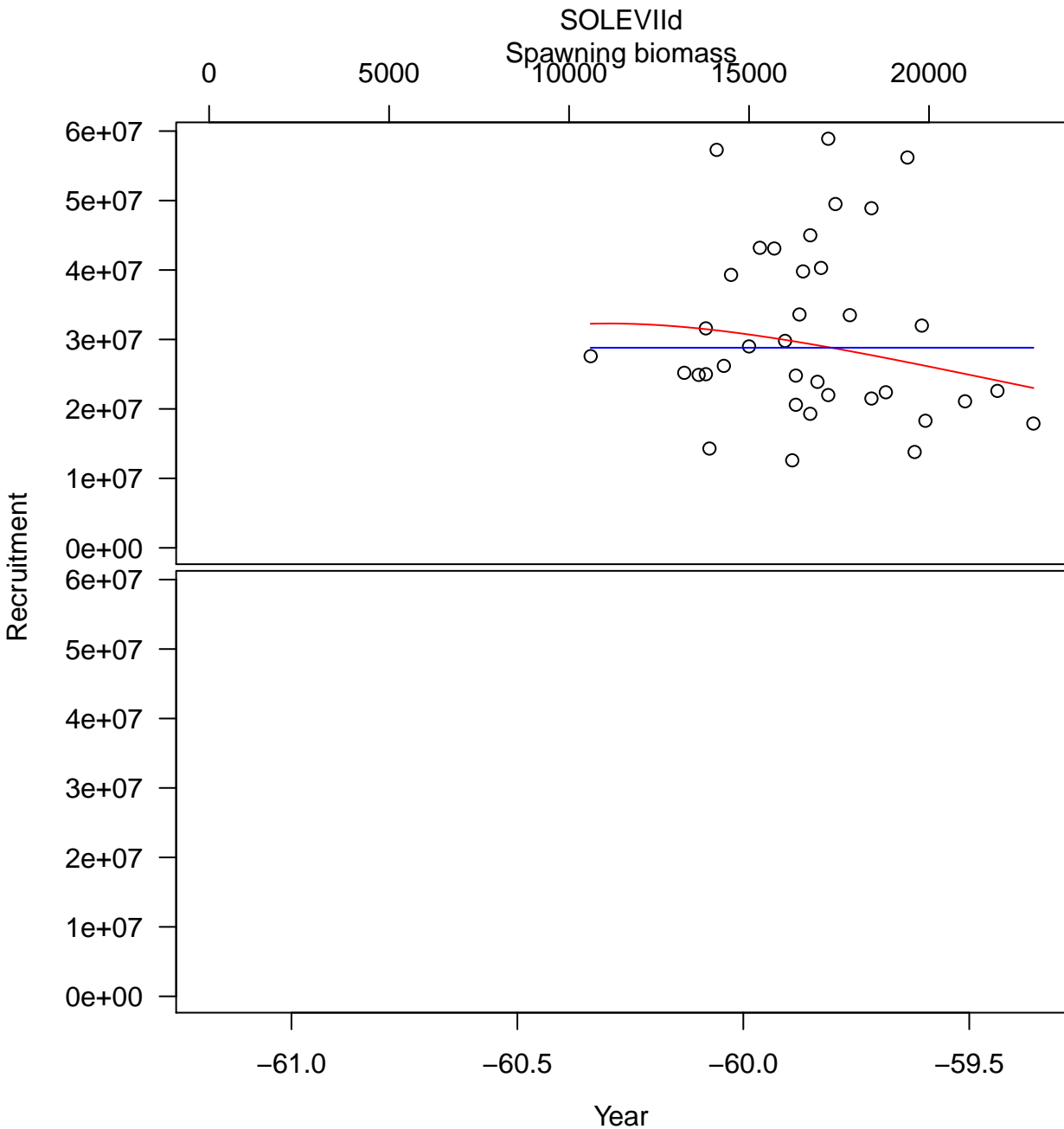
-54.5

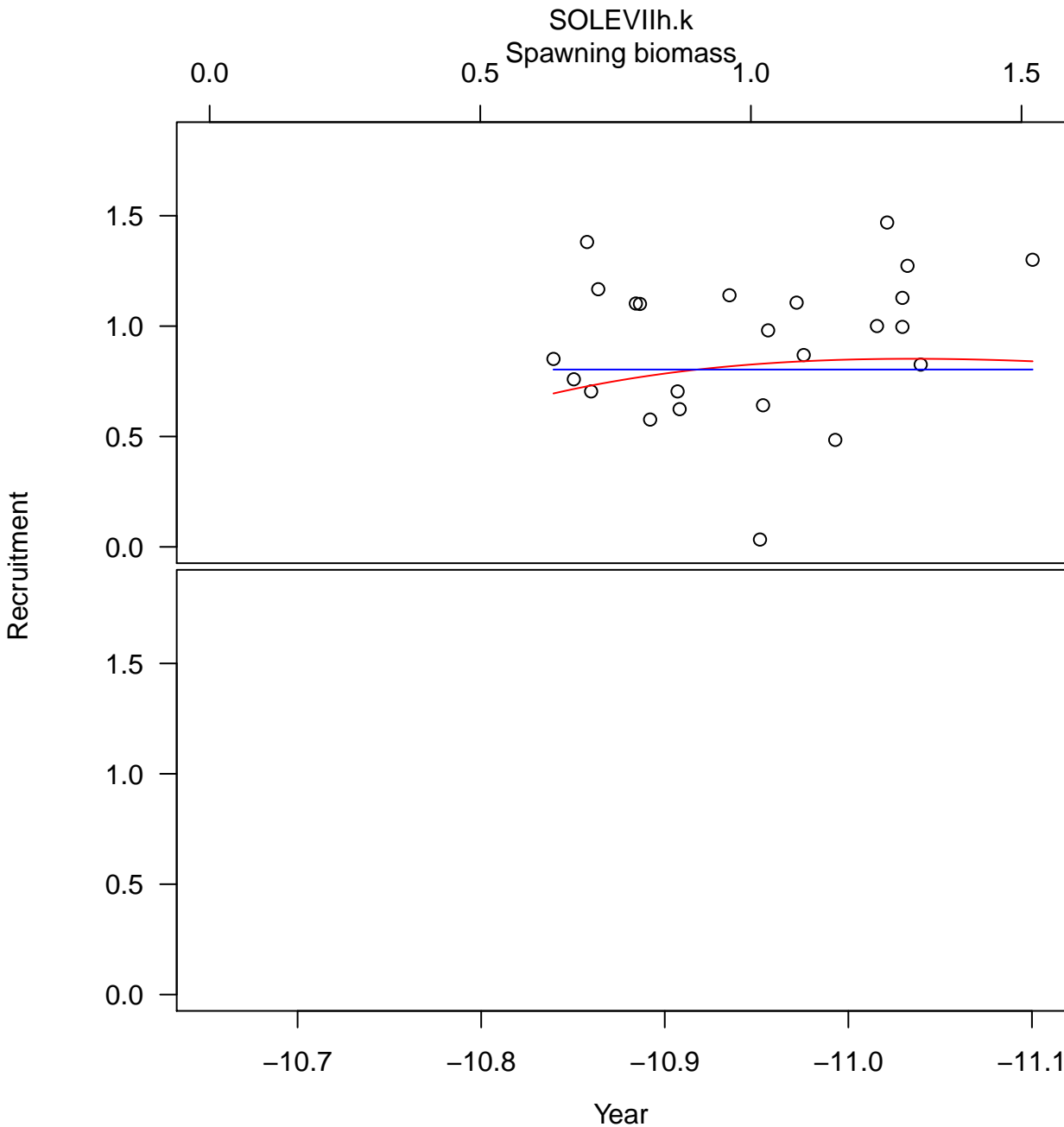
Year

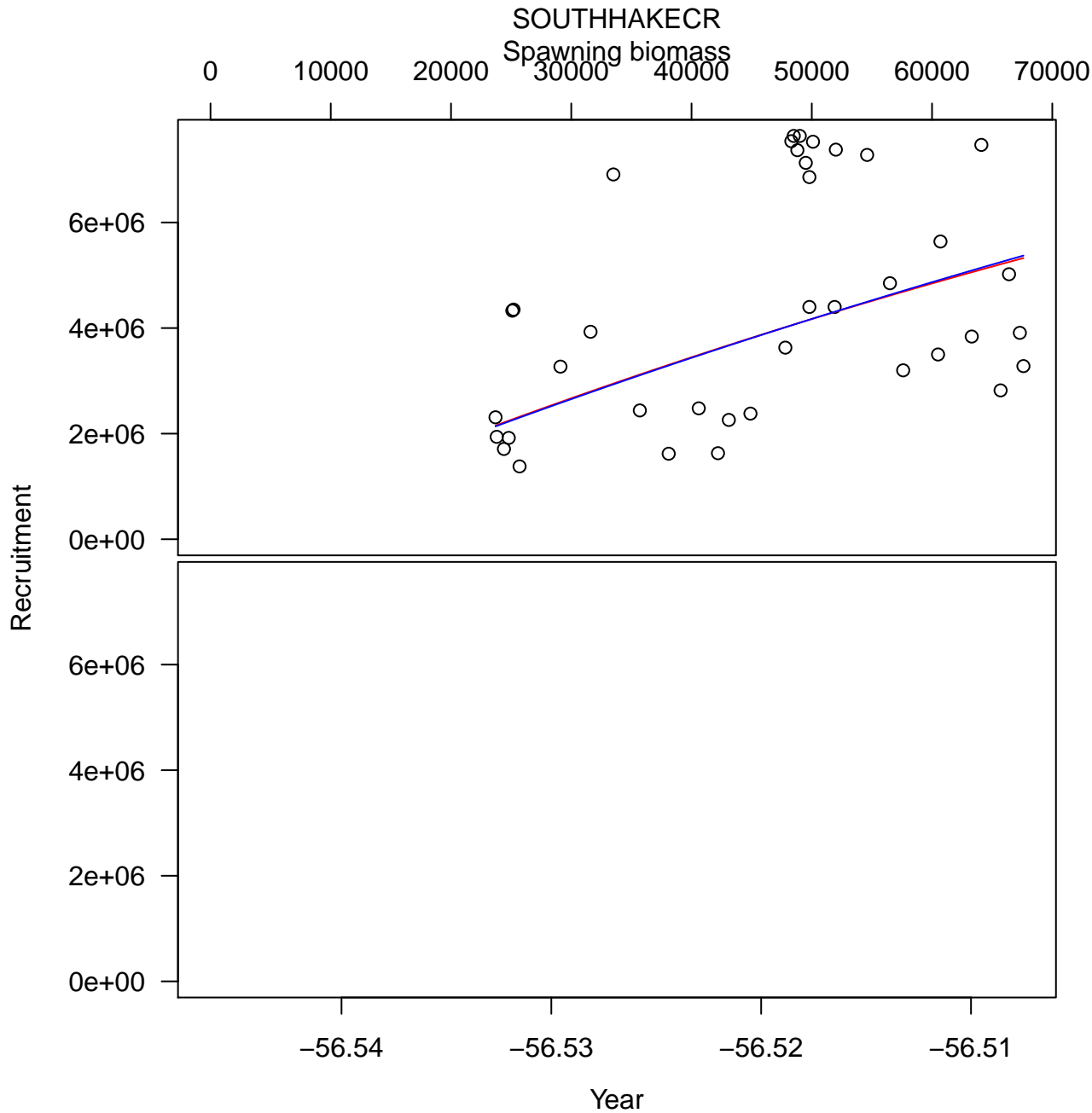












SOUTHHAKEWCSI

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

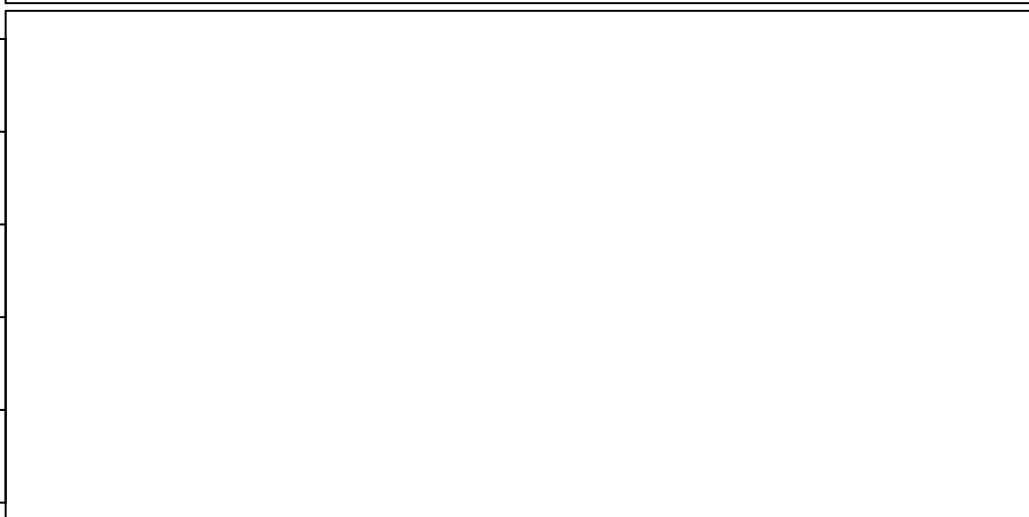
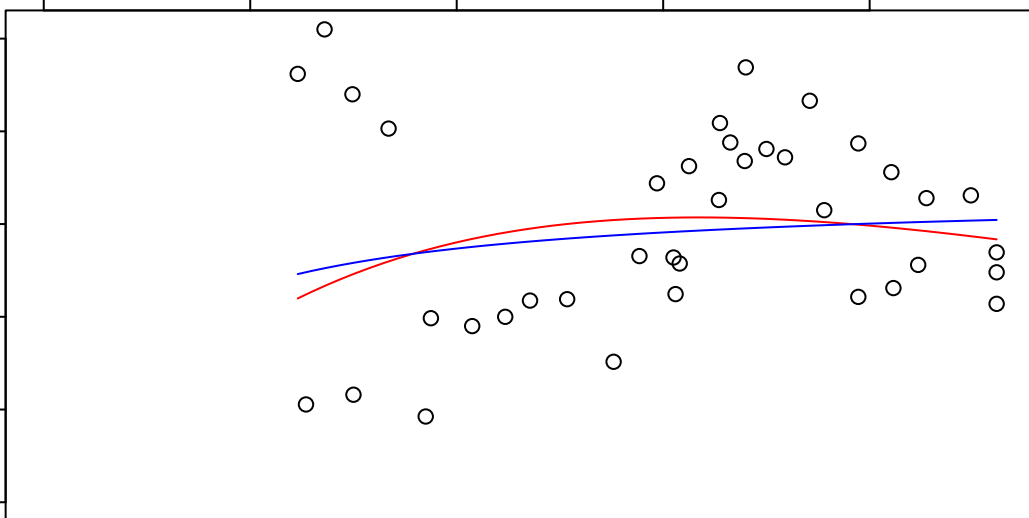
-70.6

-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

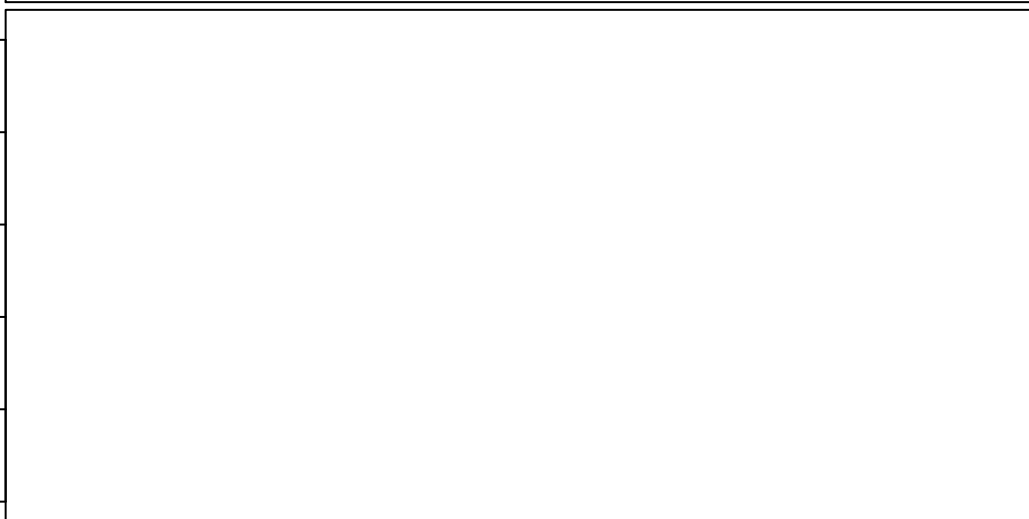
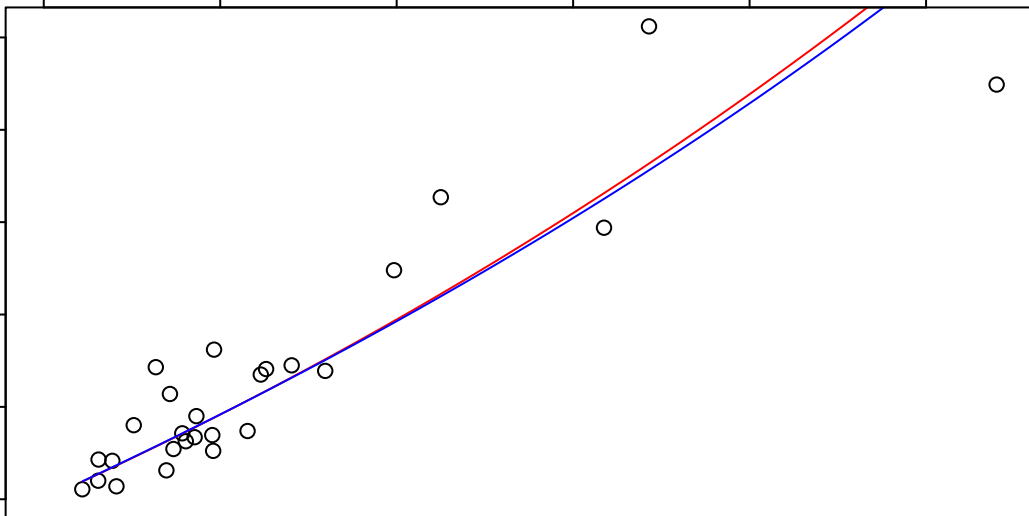
-41.80

-41.78

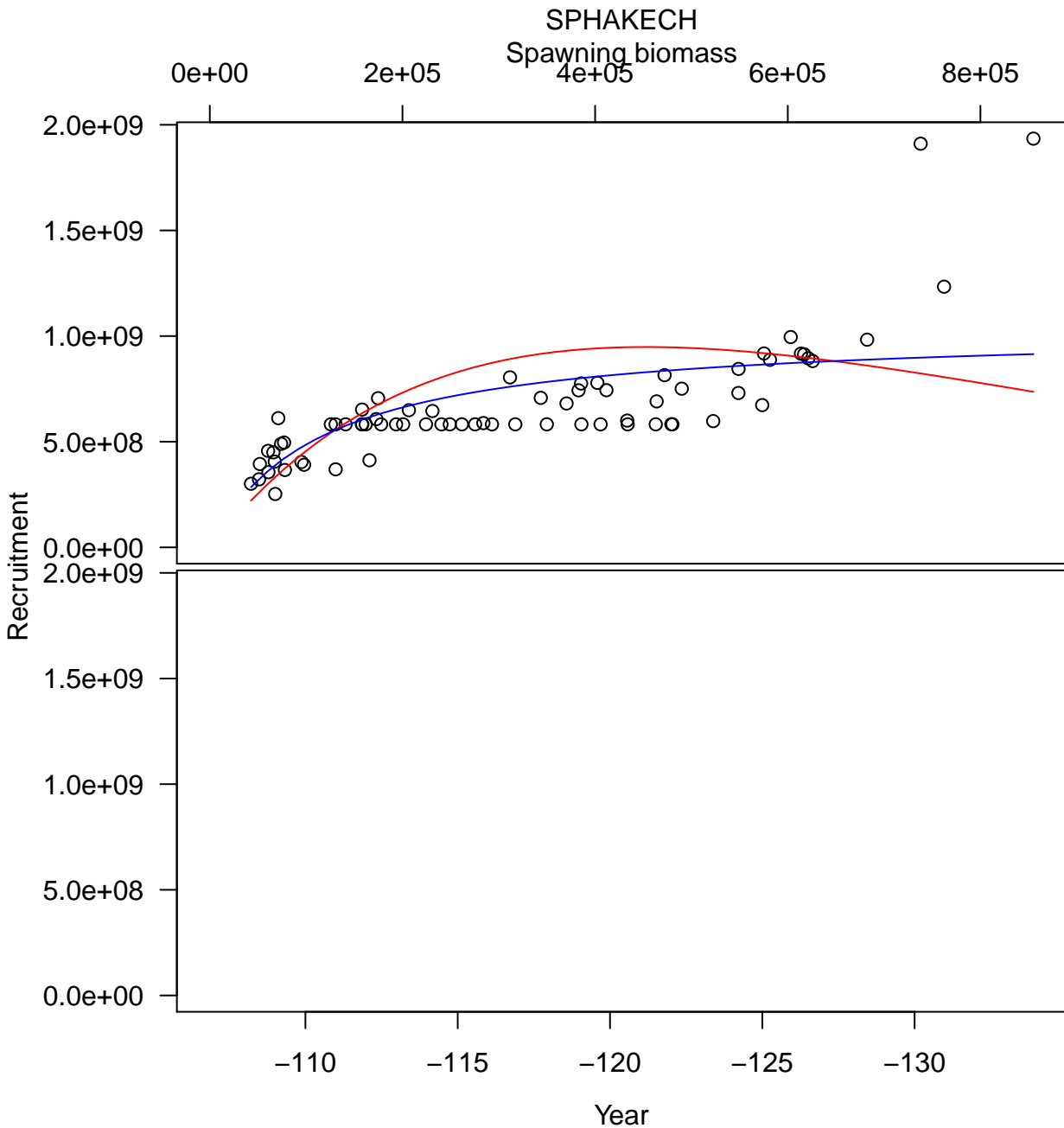
-41.76

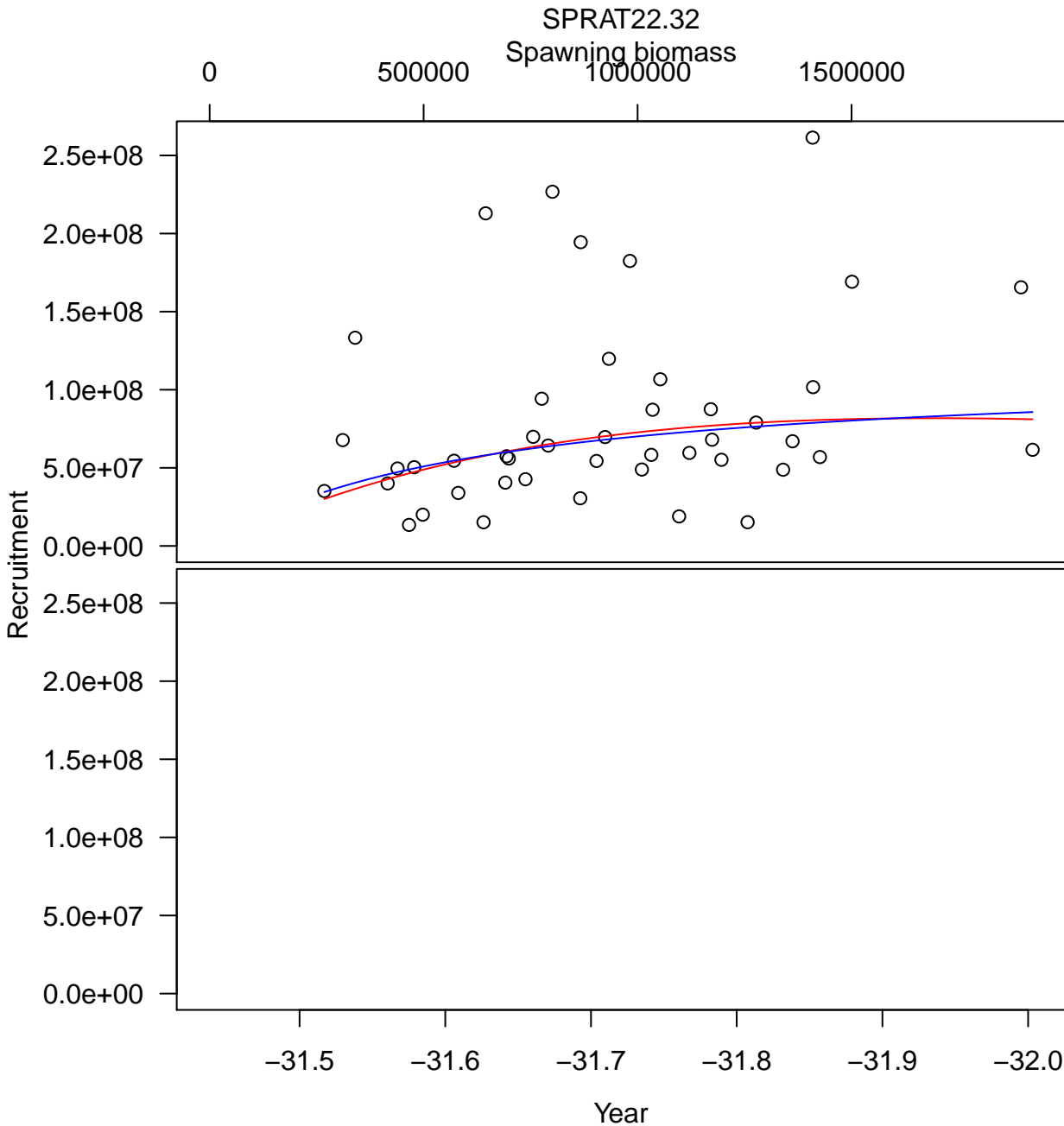
-41.74

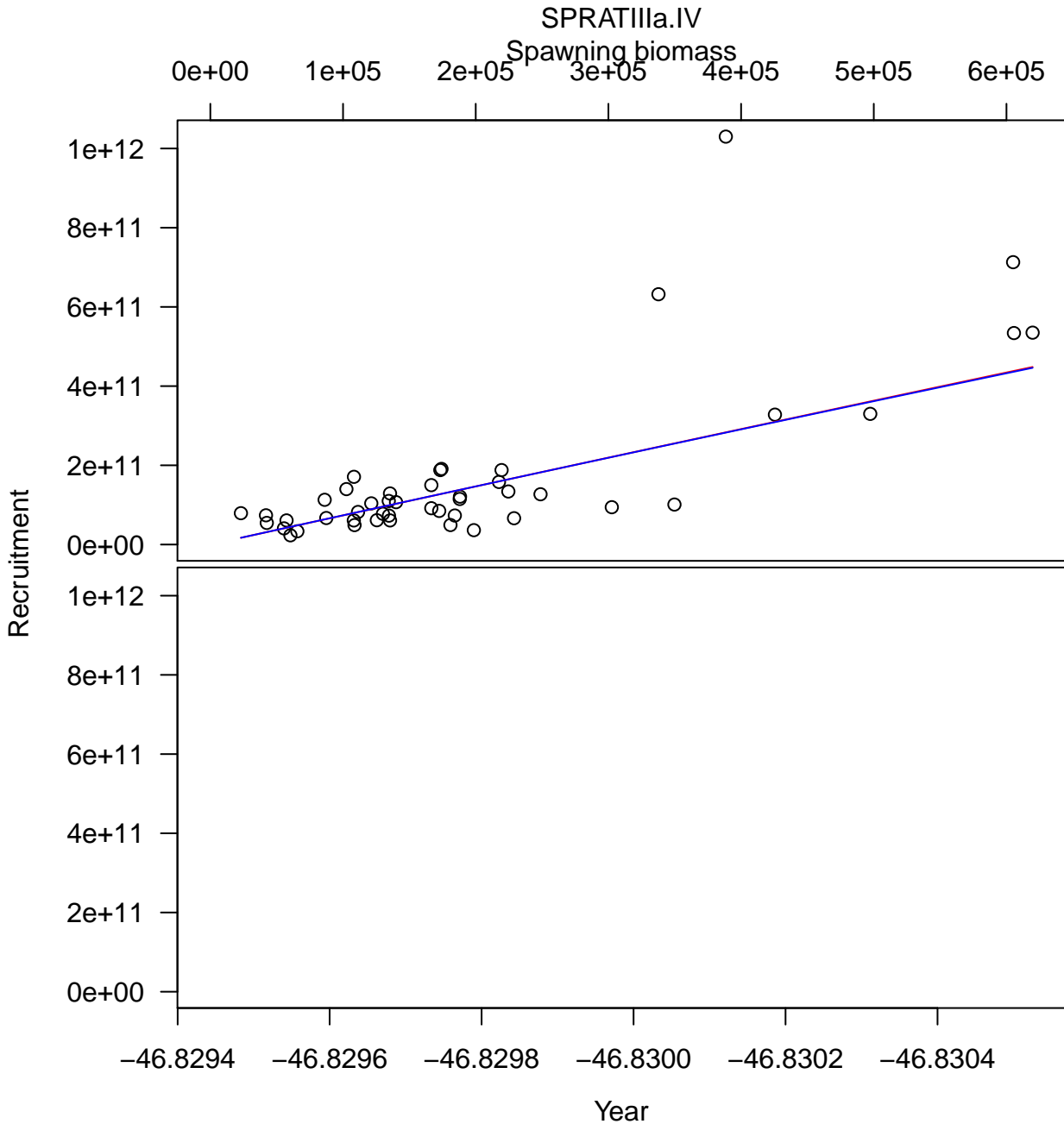
Year











SSLOBSTERSASC

Spawning biomass

0

1000

2000

3000

4000

$1.5 \times 10^7$

$1.0 \times 10^7$

$5.0 \times 10^6$

$0.0 \times 10^0$

Recruitment

$1.5 \times 10^7$

$1.0 \times 10^7$

$5.0 \times 10^6$

$0.0 \times 10^0$

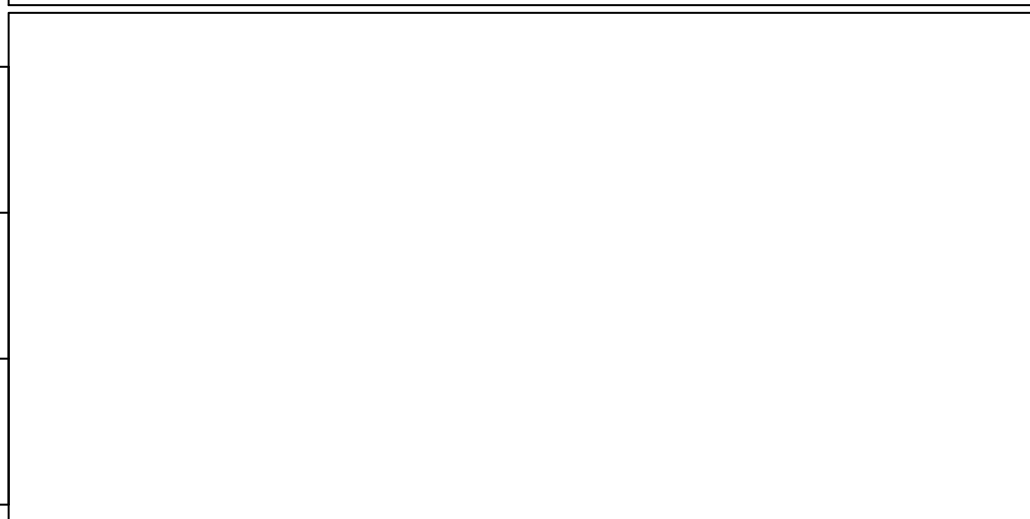
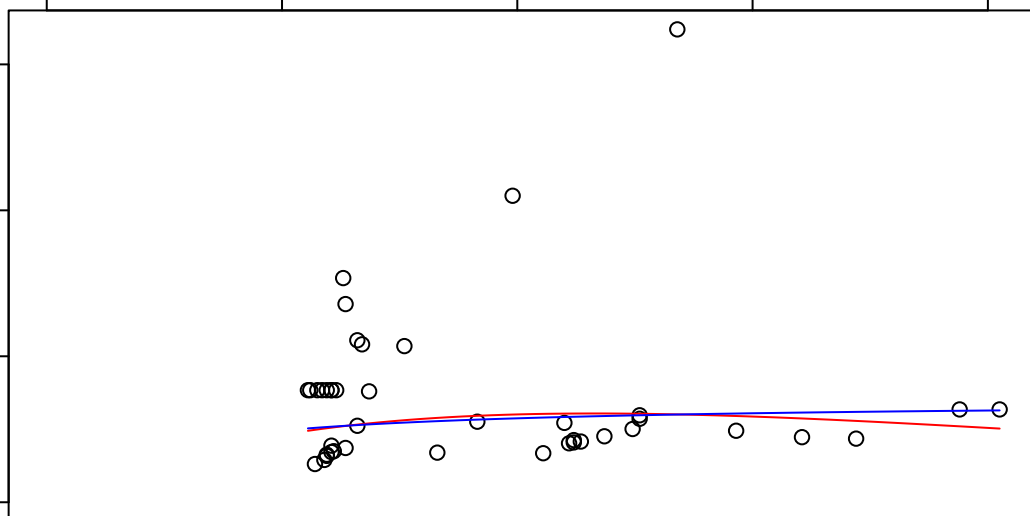
-34.7

-34.6

-34.5

-34.4

Year



## STFLOUNNPCOAST

Spawning biomass

0

2000

4000

6000

8000

Recruitment

2.0e+10

1.5e+10

1.0e+10

5.0e+09

0.0e+00

2.0e+10

1.5e+10

1.0e+10

5.0e+09

0.0e+00

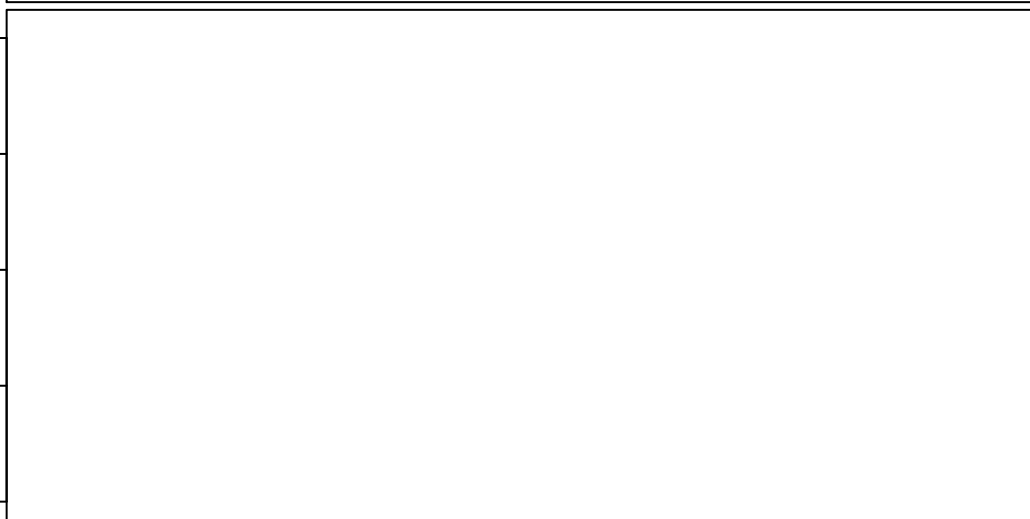
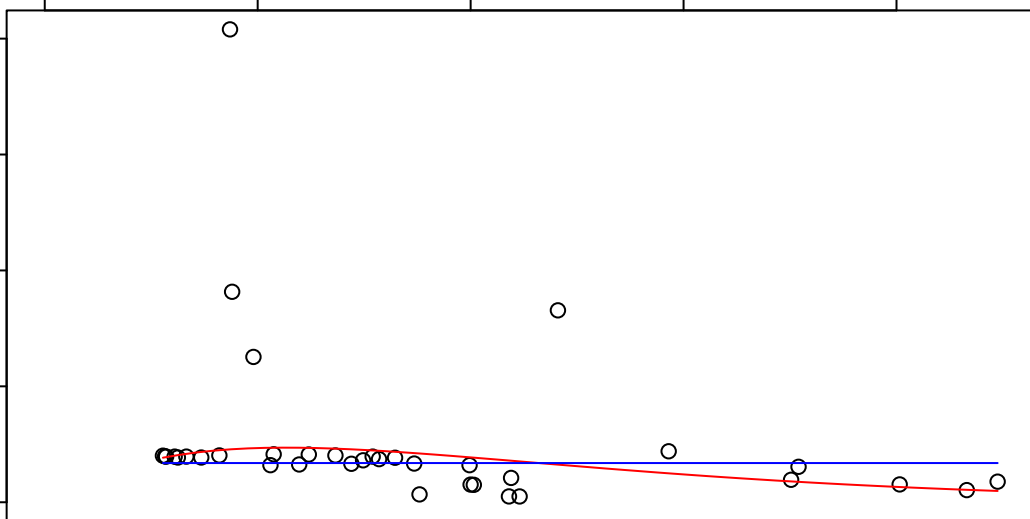
-8

-7

-6

-5

Year



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

-16

-14

-12

-10

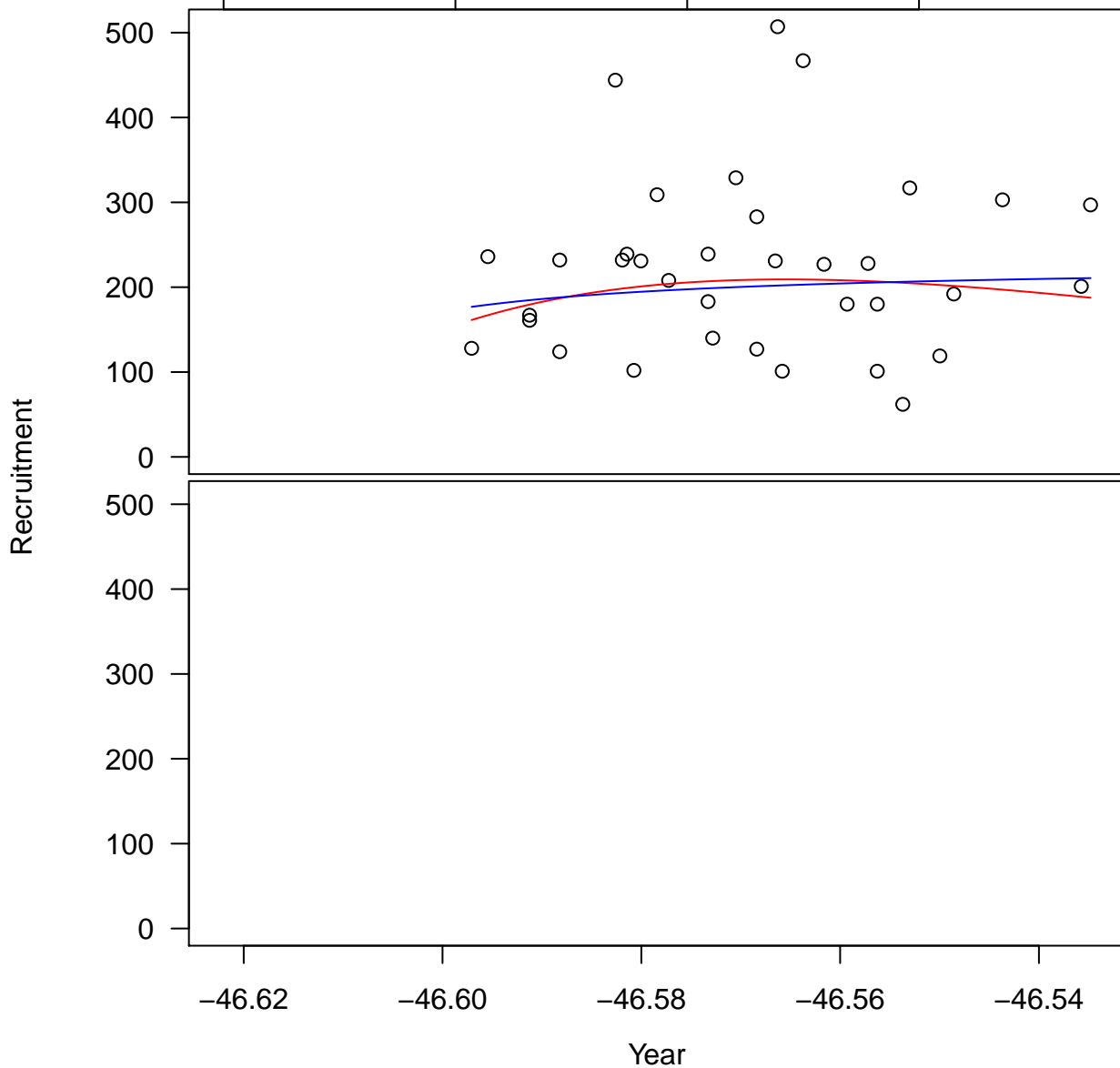
-8

-6

Year

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

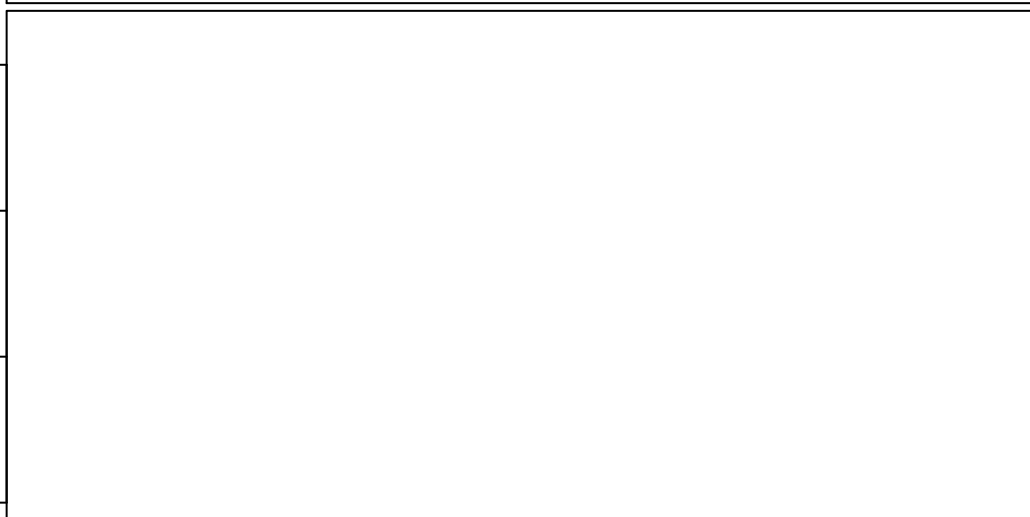
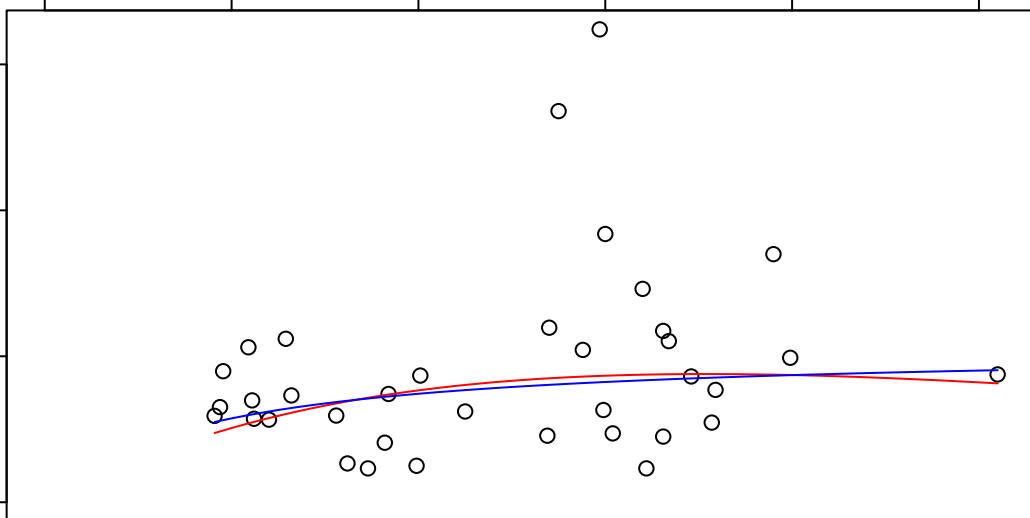
-33.8

-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

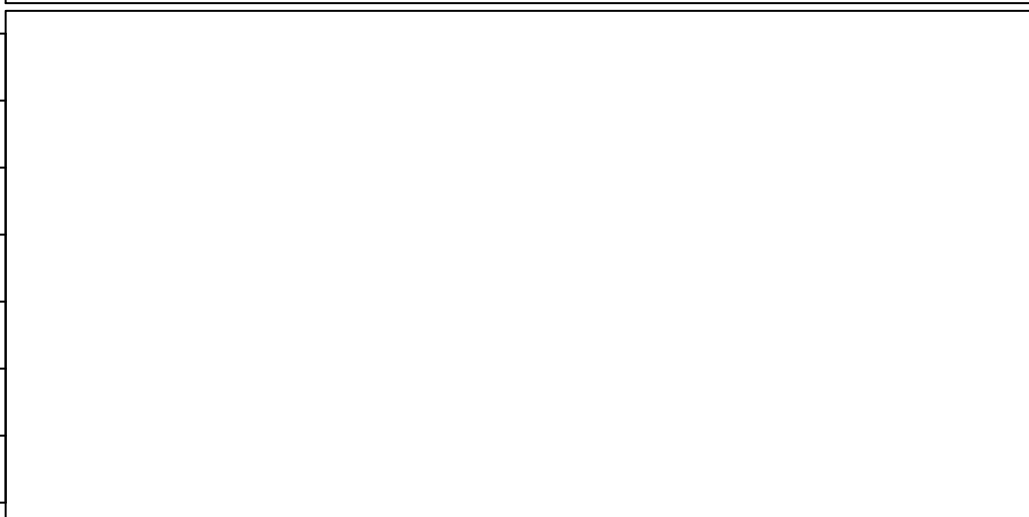
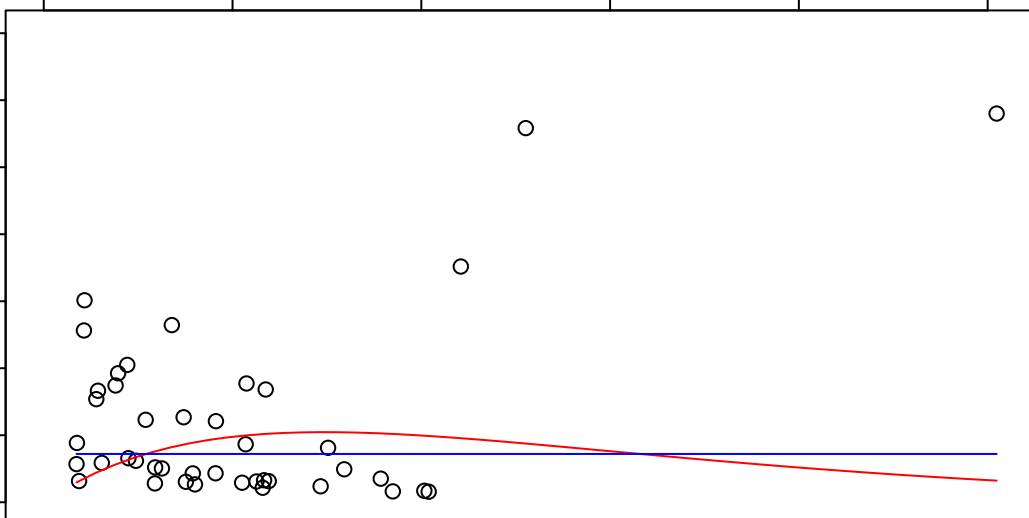
15

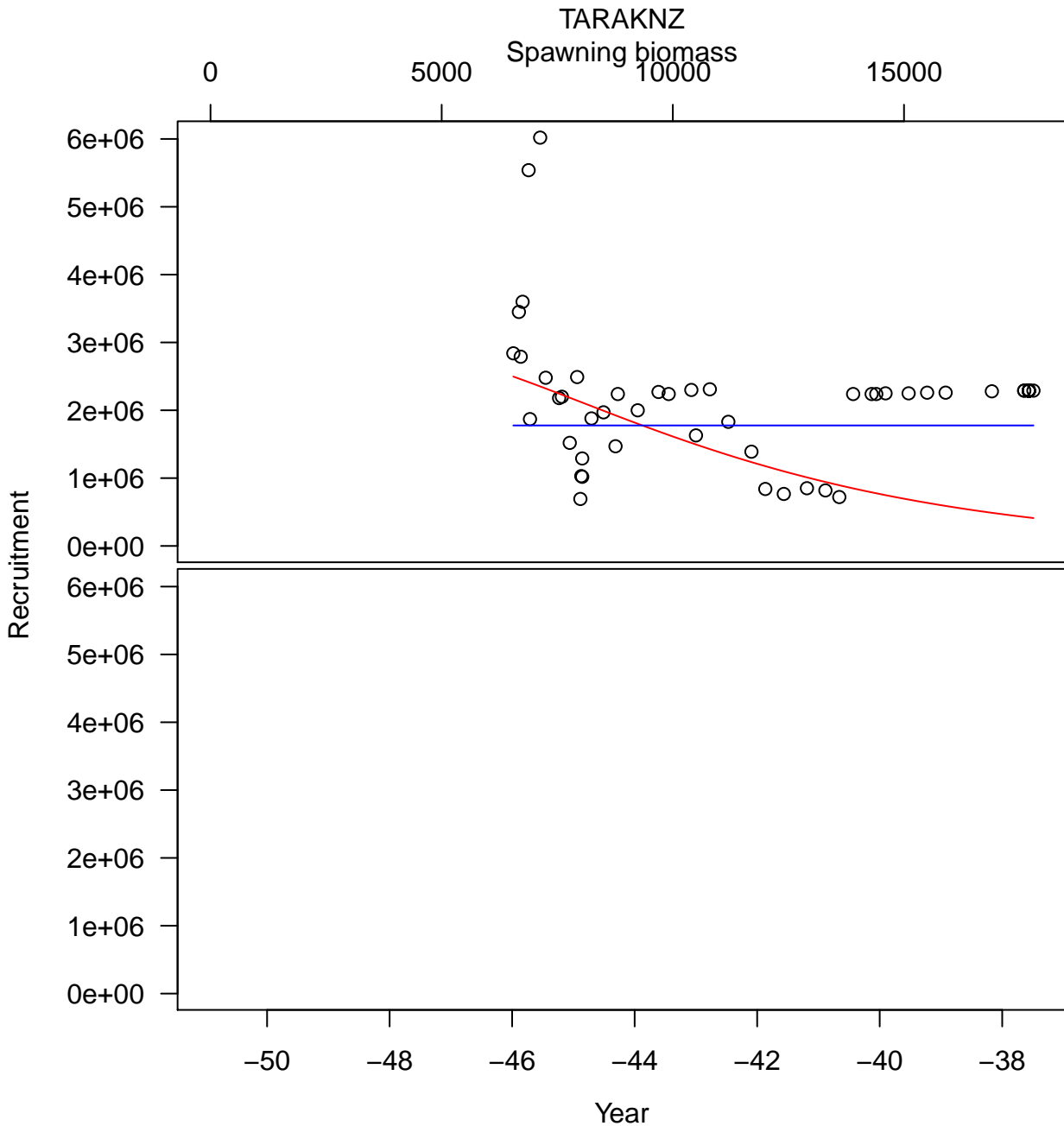
10

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

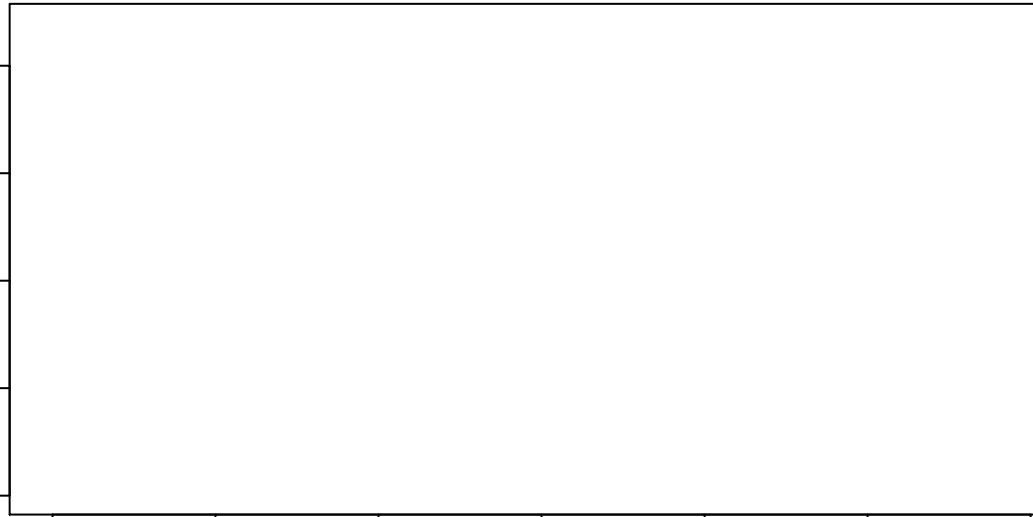
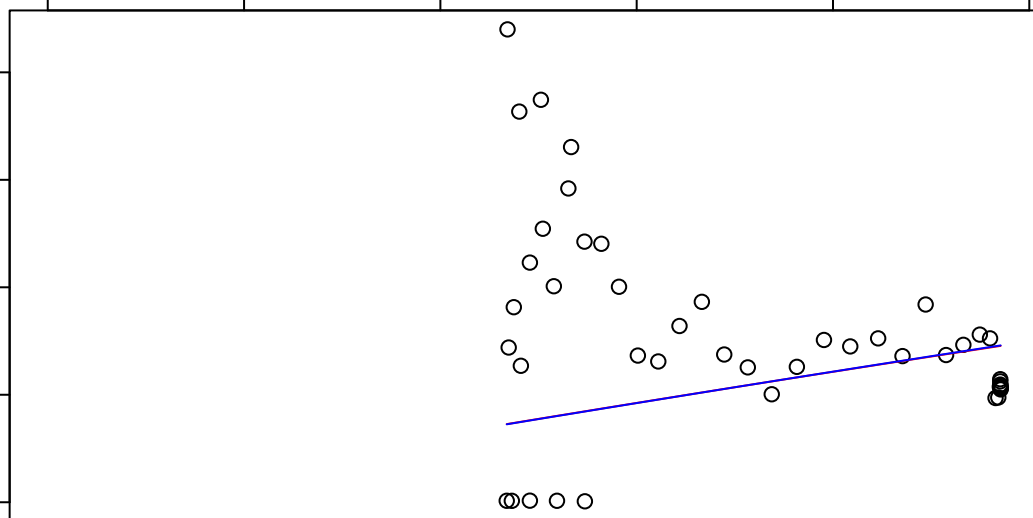
29.9149

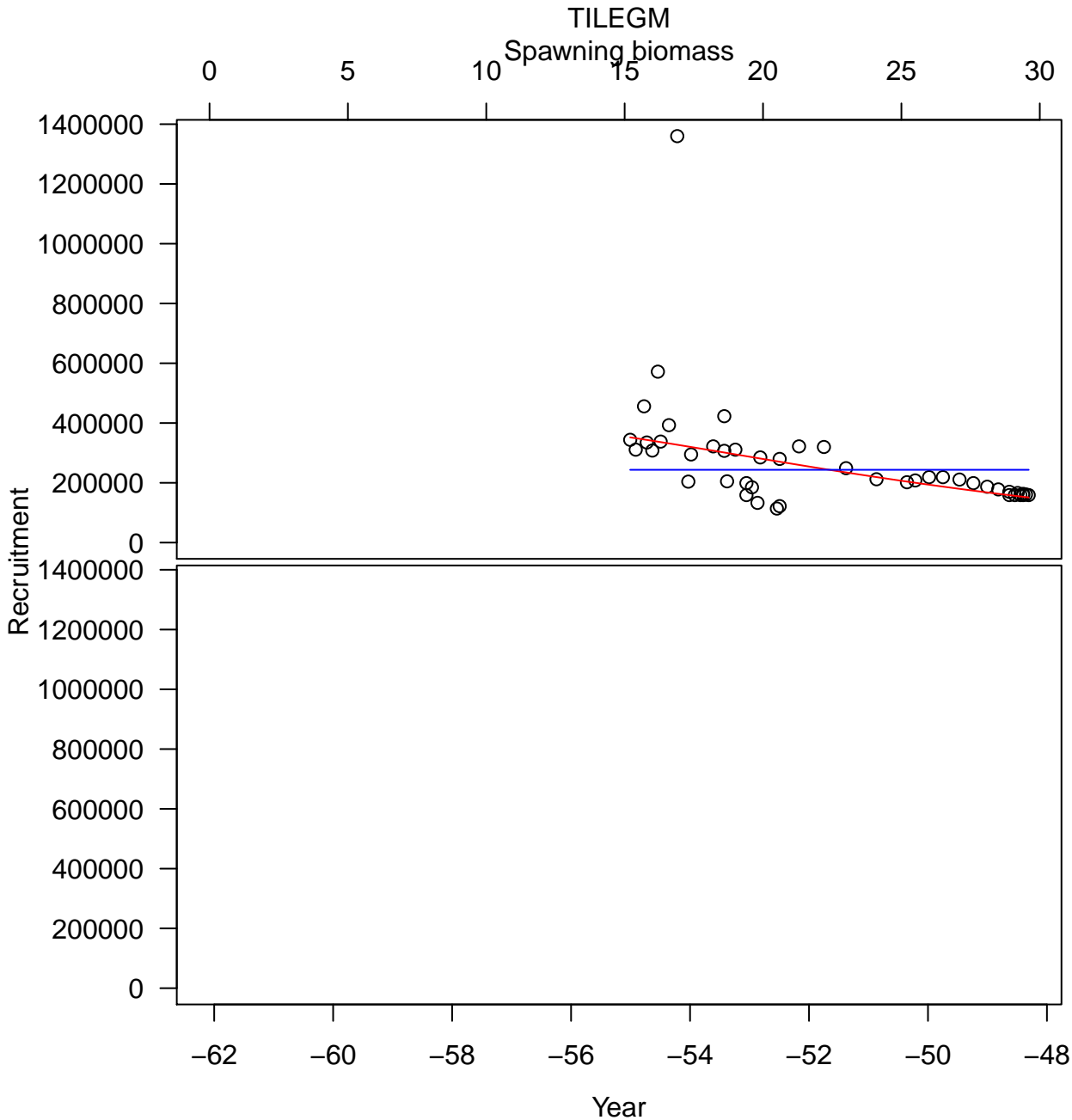
29.9150

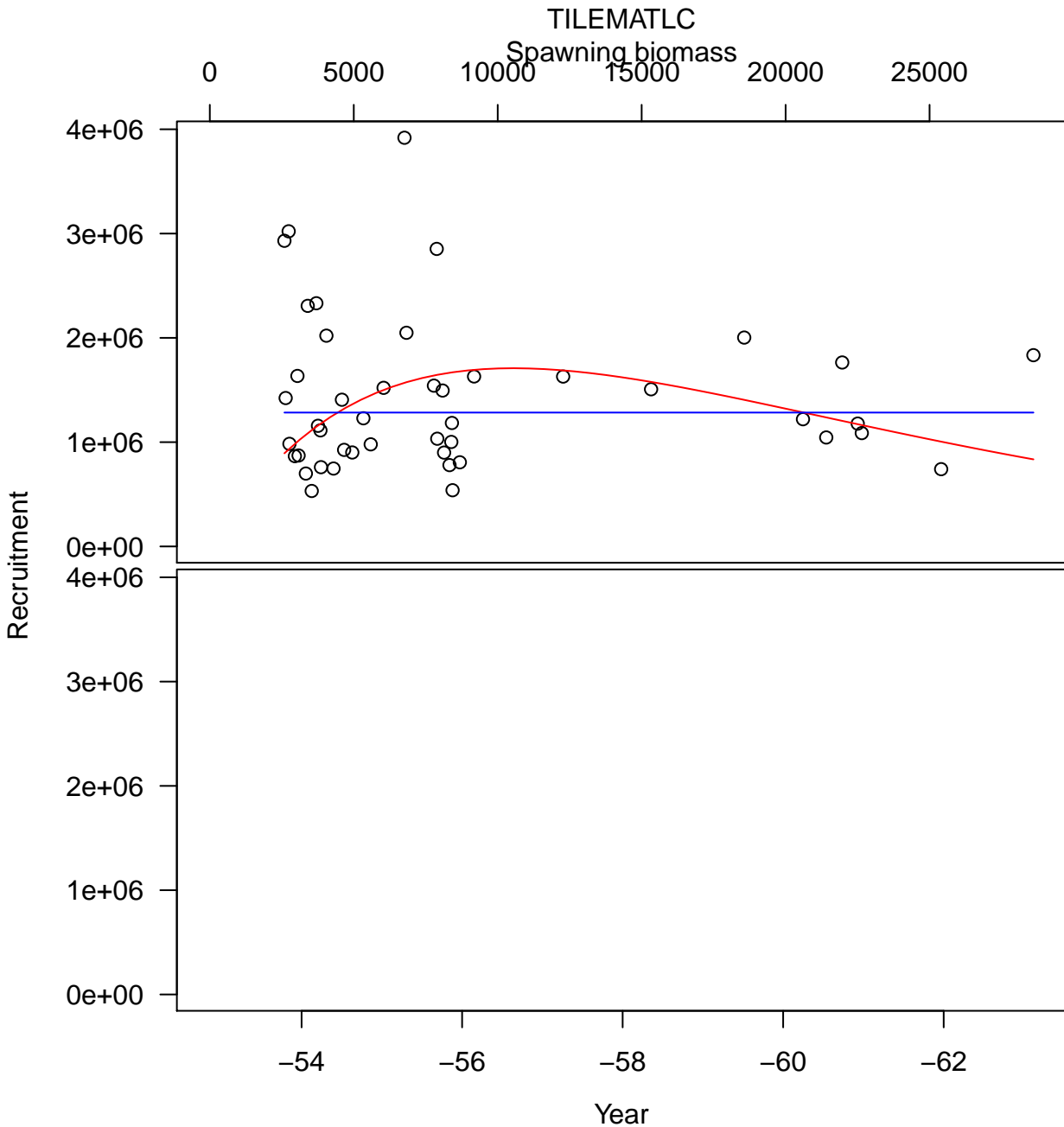
29.9151

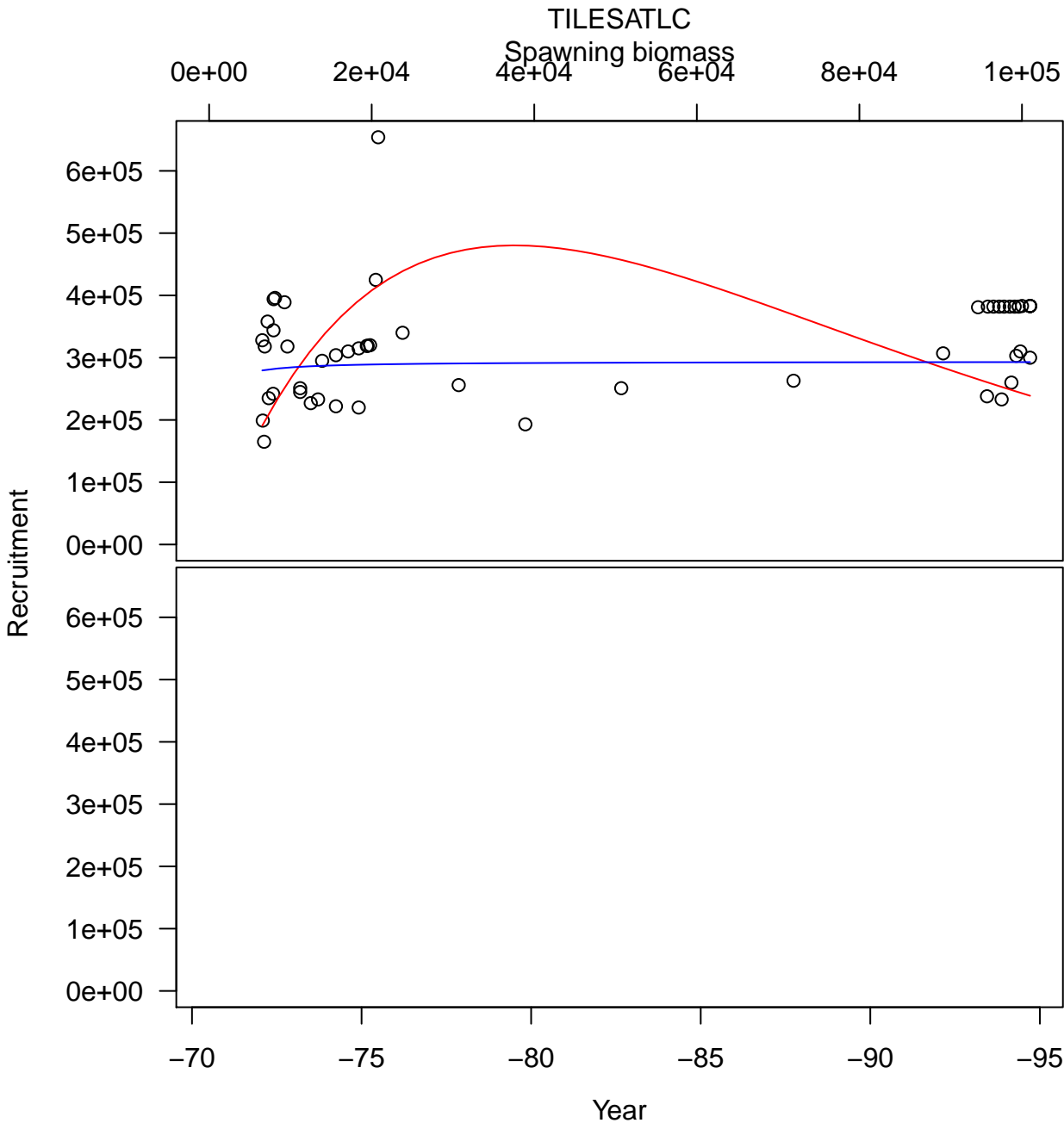
29.9152

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

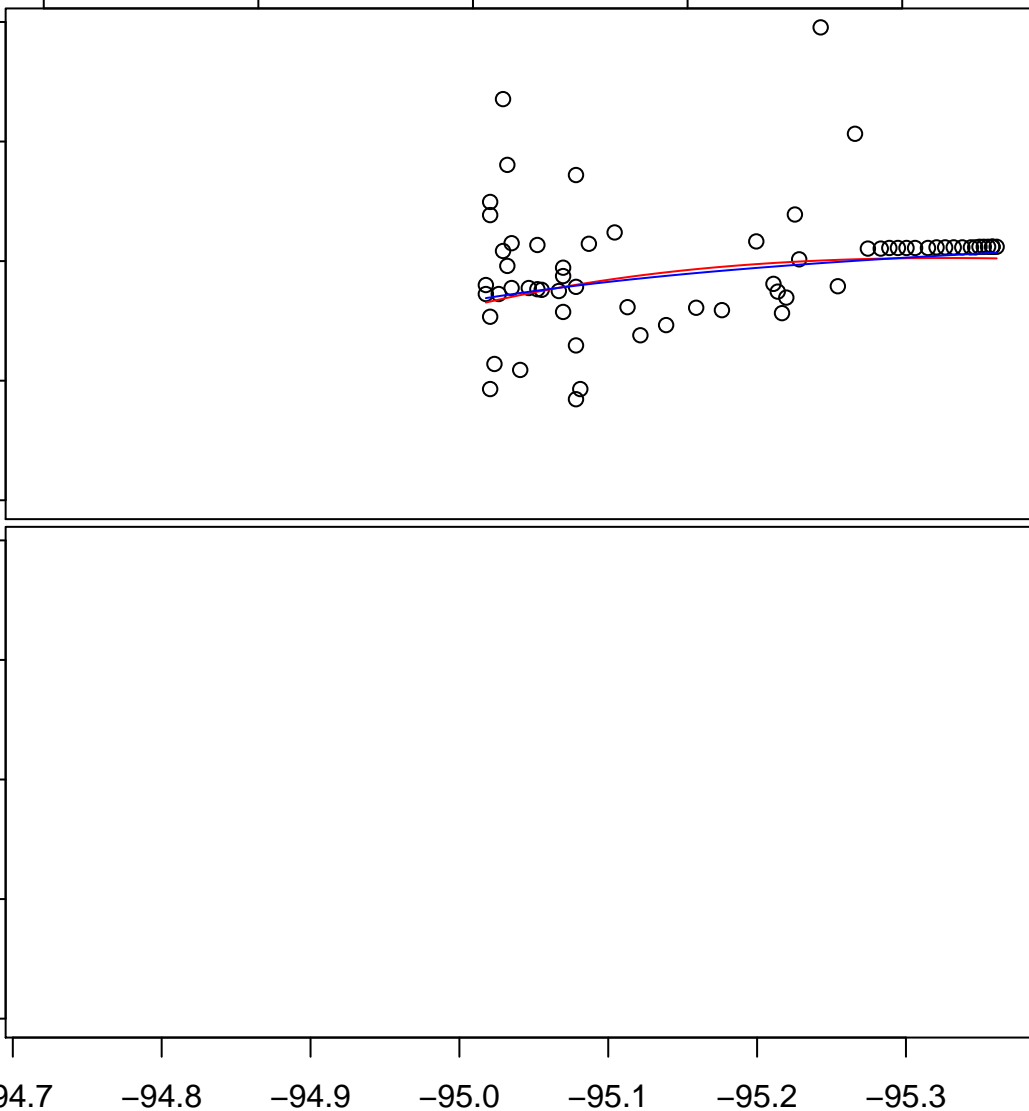
-95.0

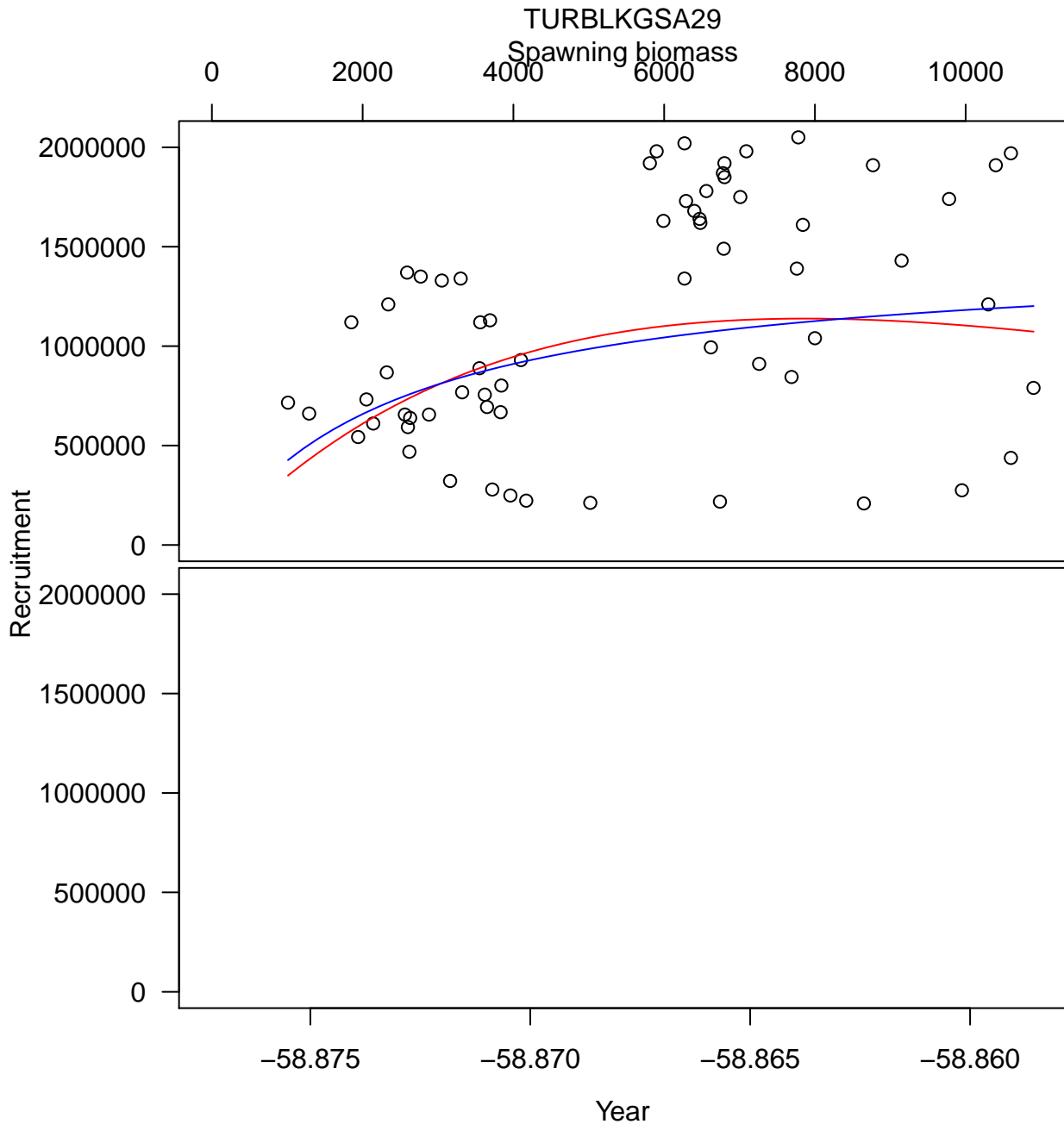
-95.1

-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

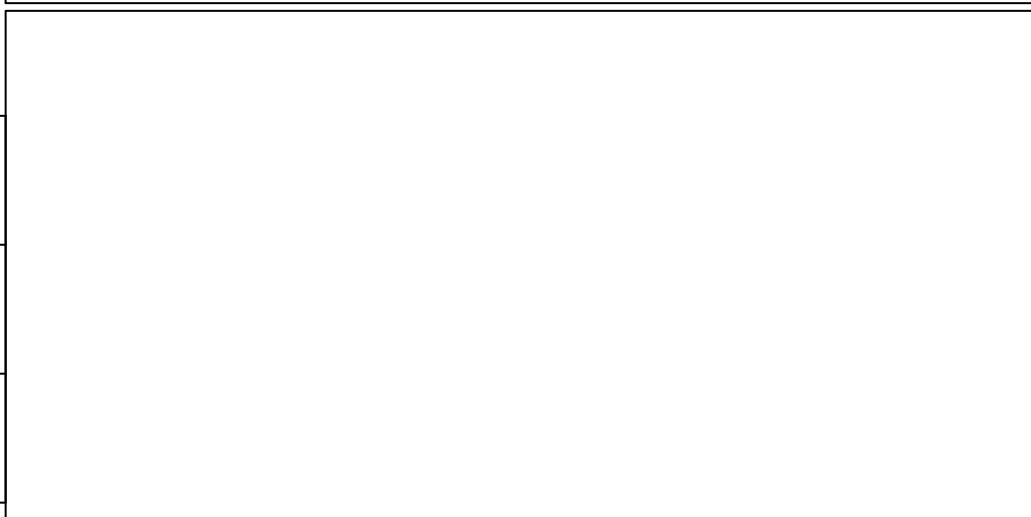
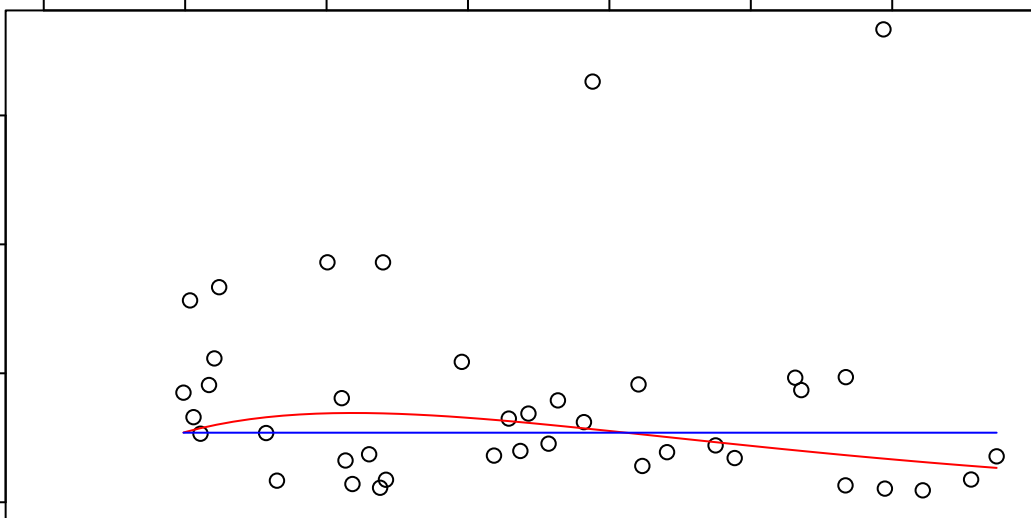
-6.3

-6.2

-6.1

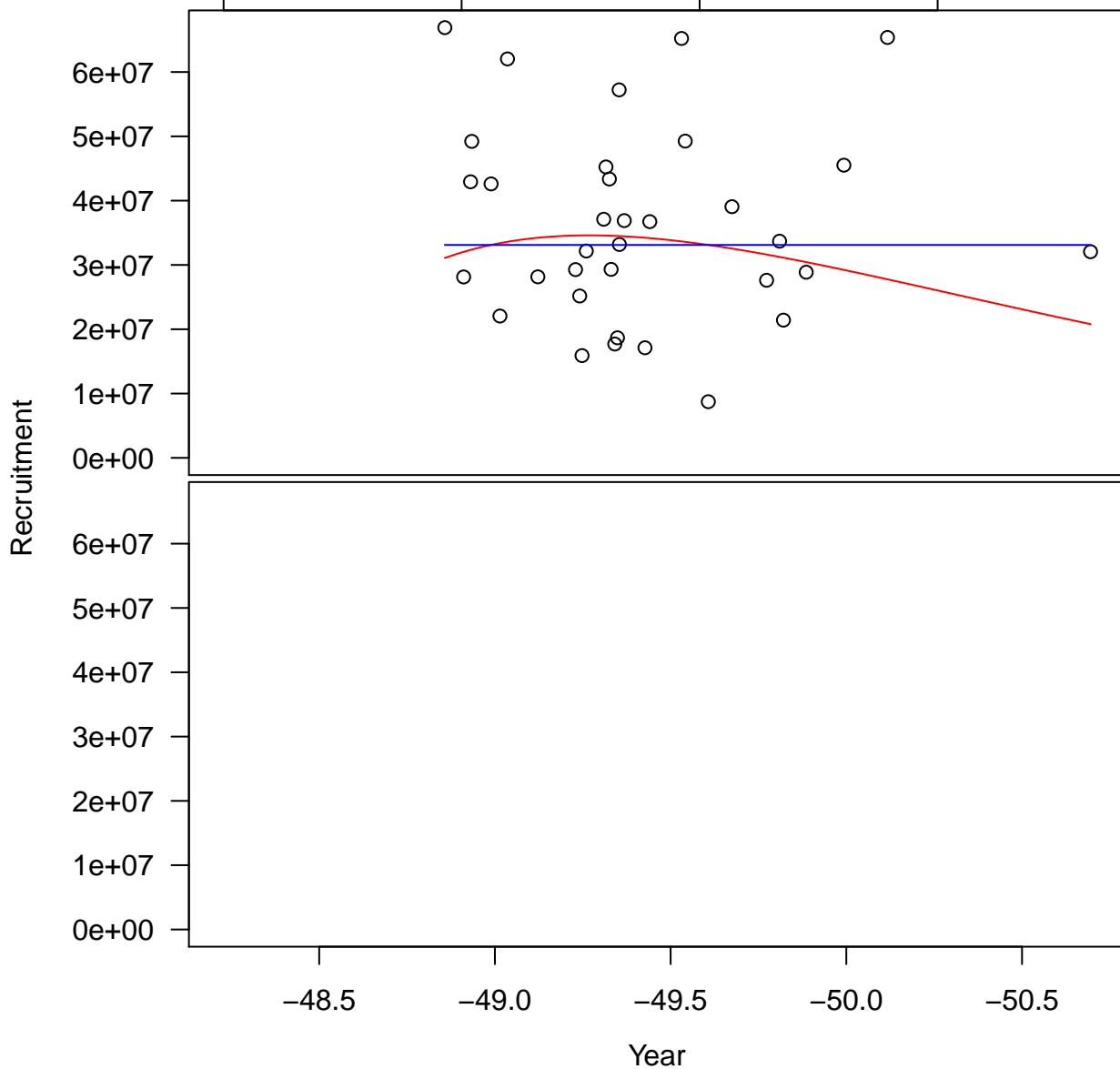
-6.0

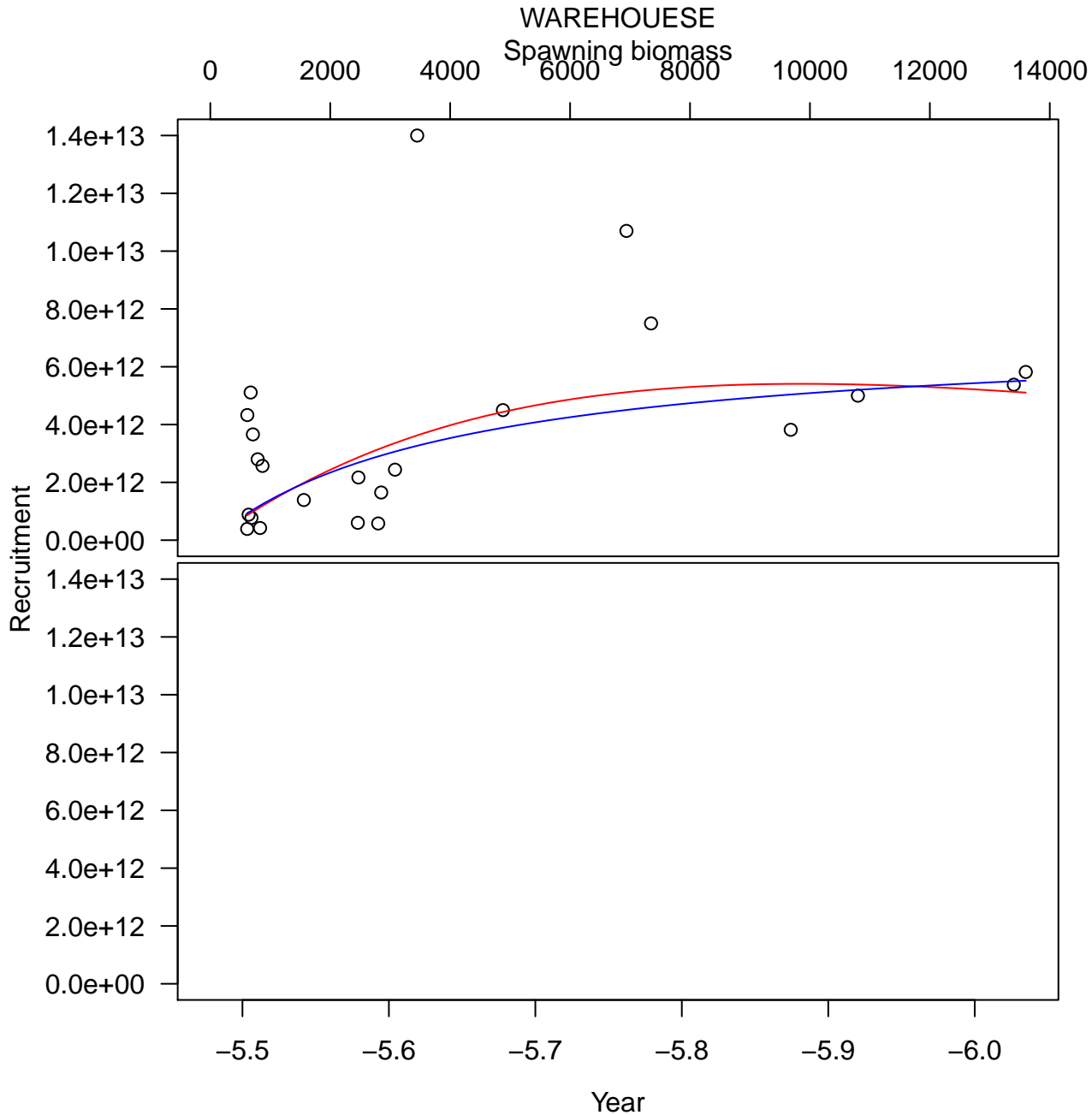
Year



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

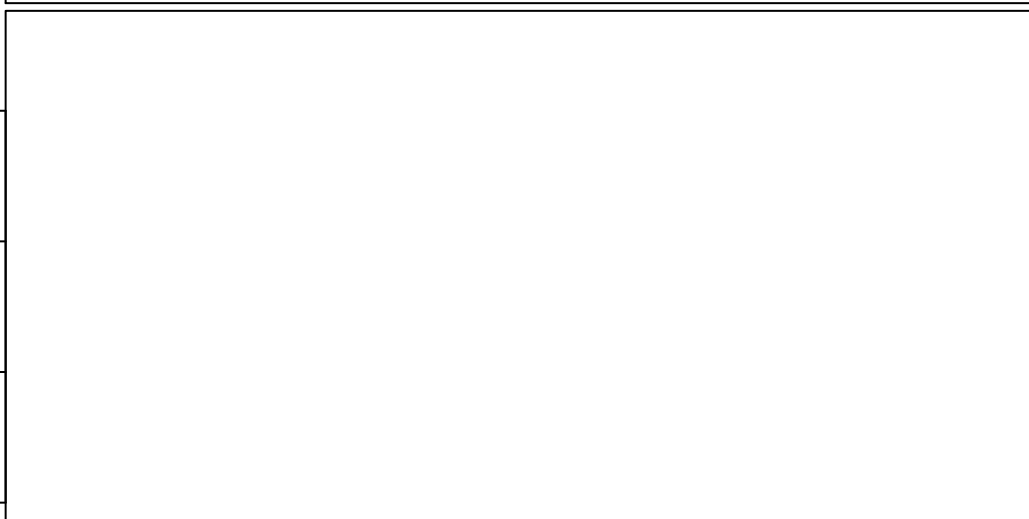
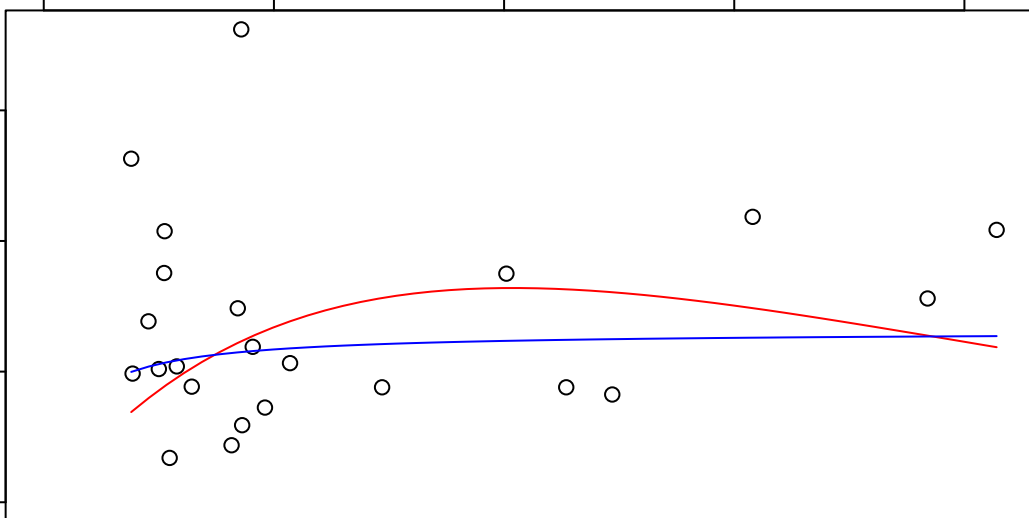
-21

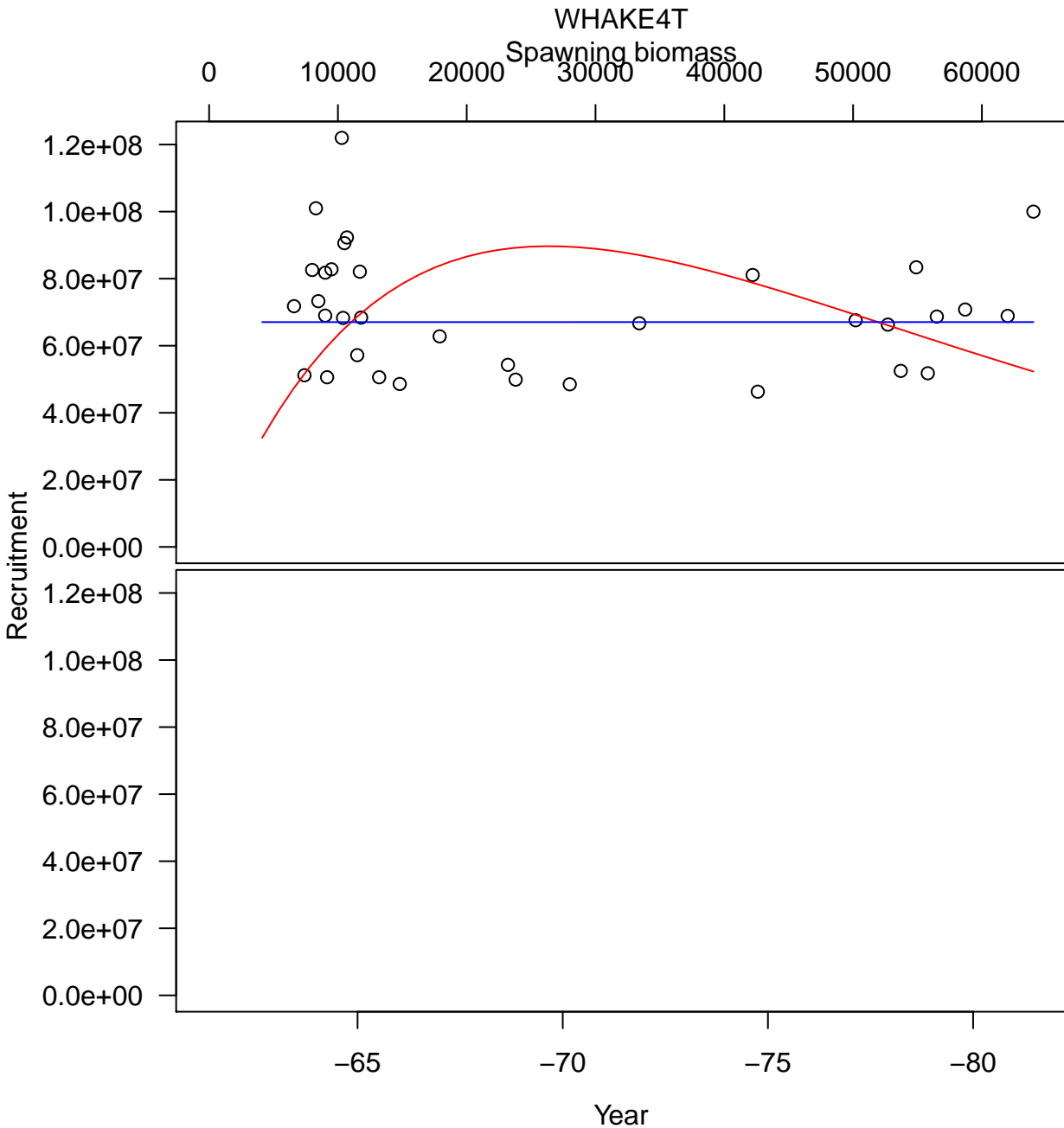
-22

-23

-24

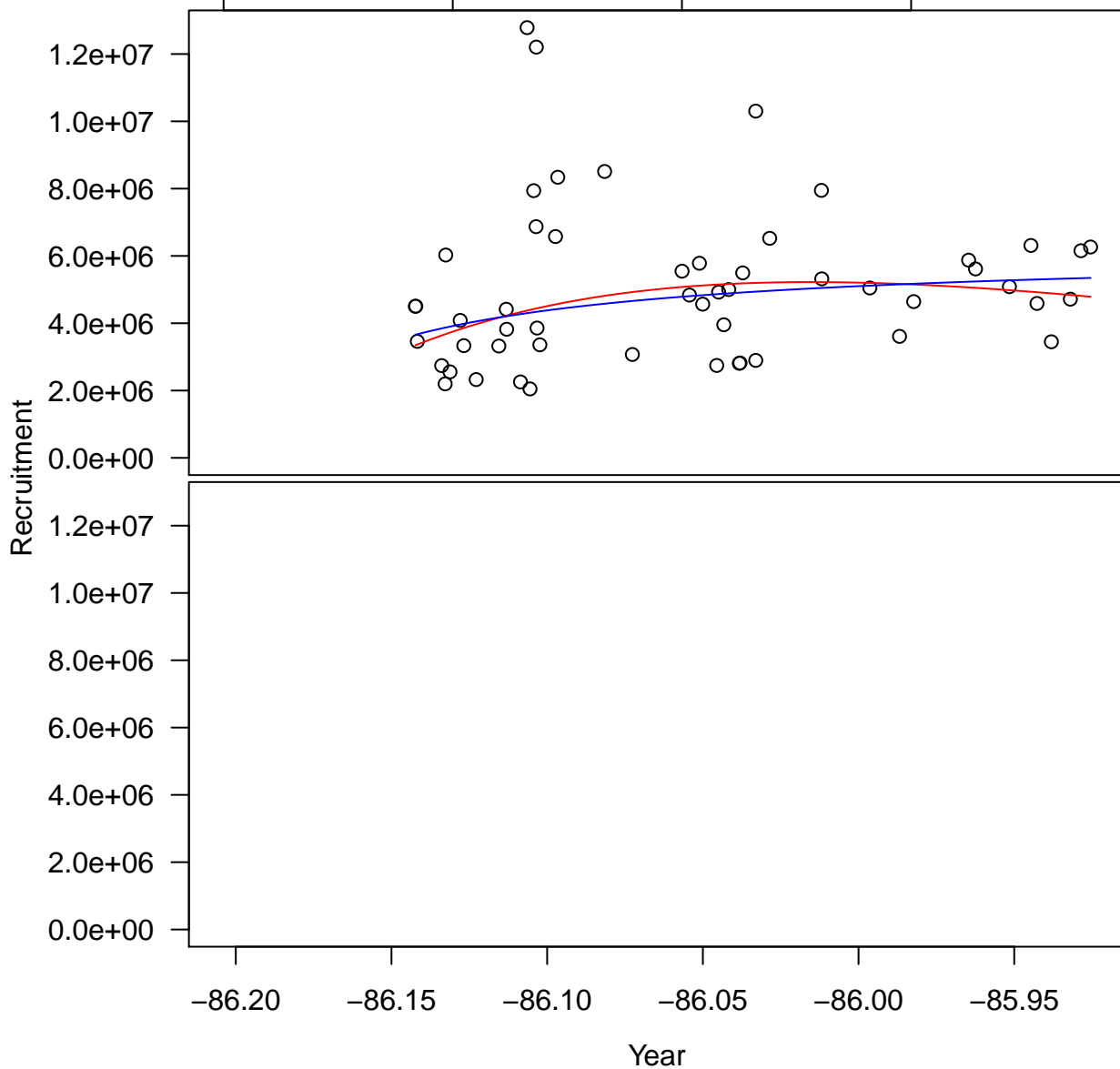
Year





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

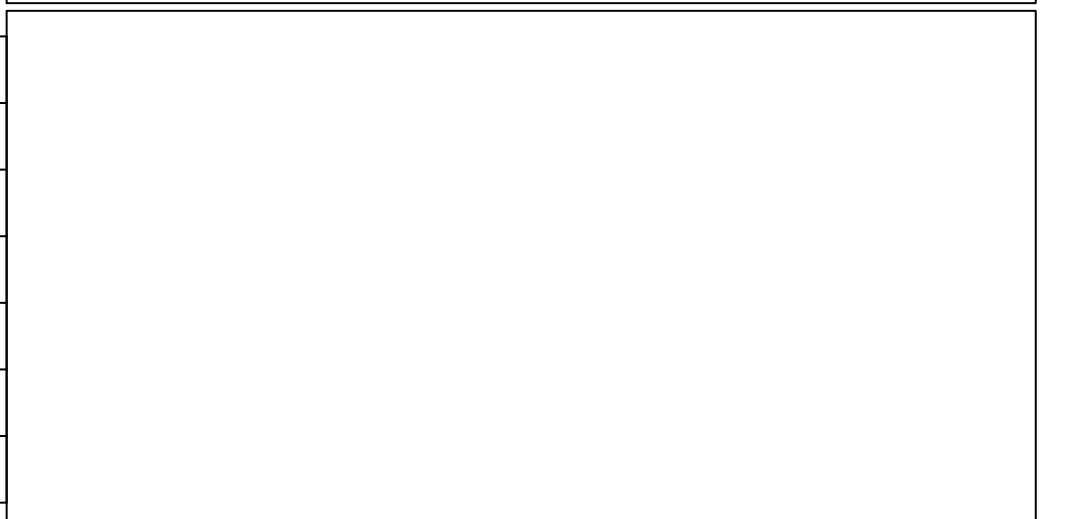
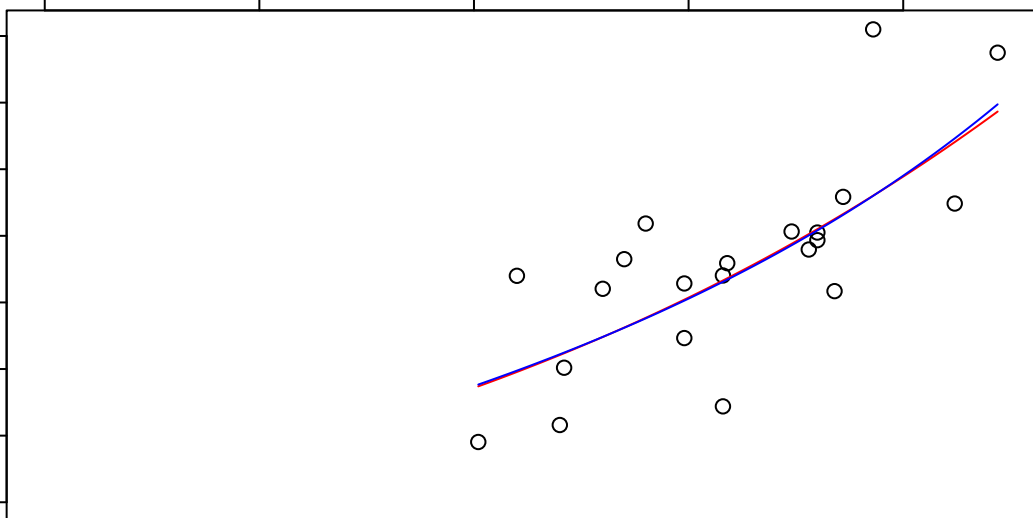
-42.774

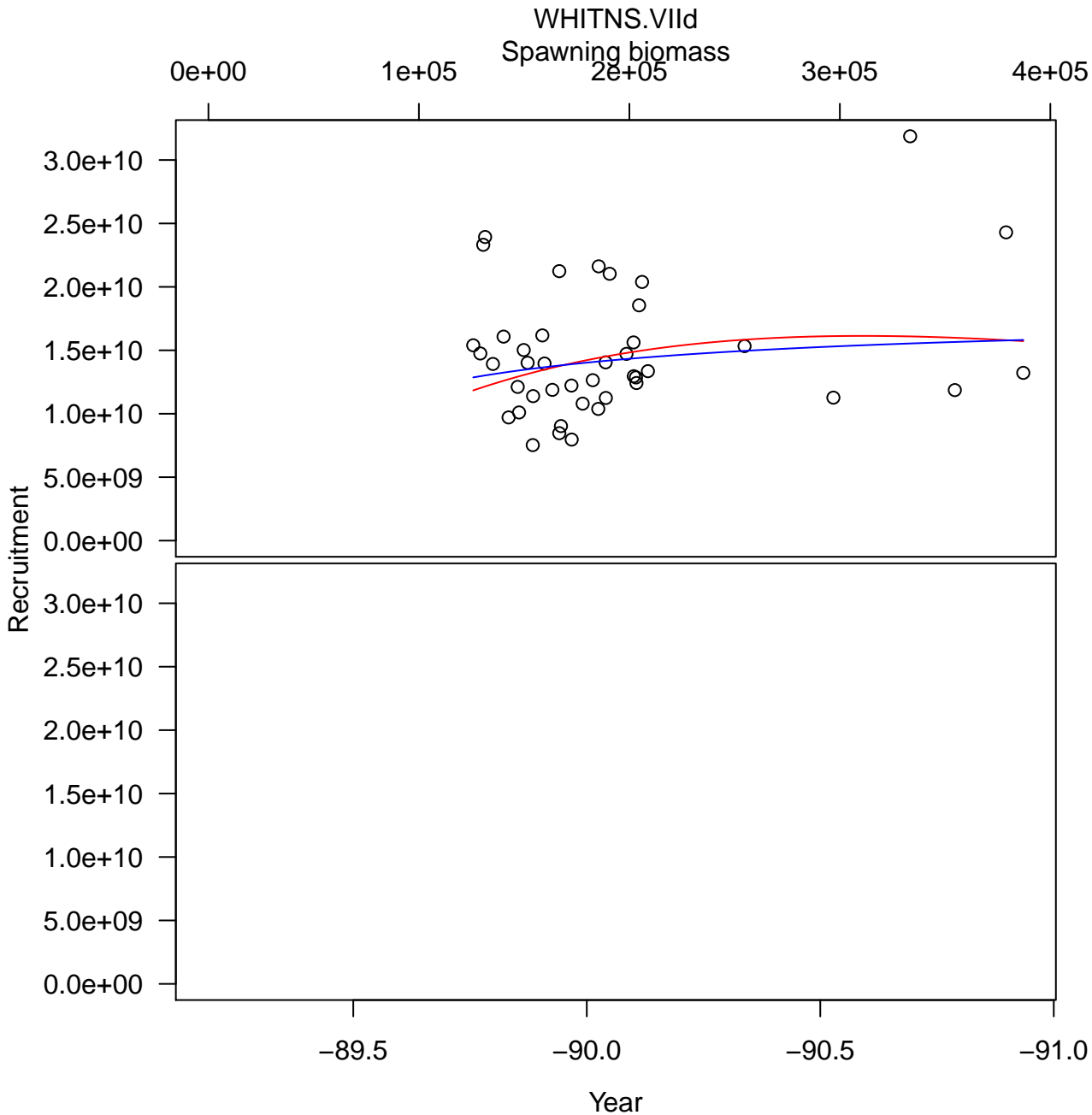
-42.773

-42.772

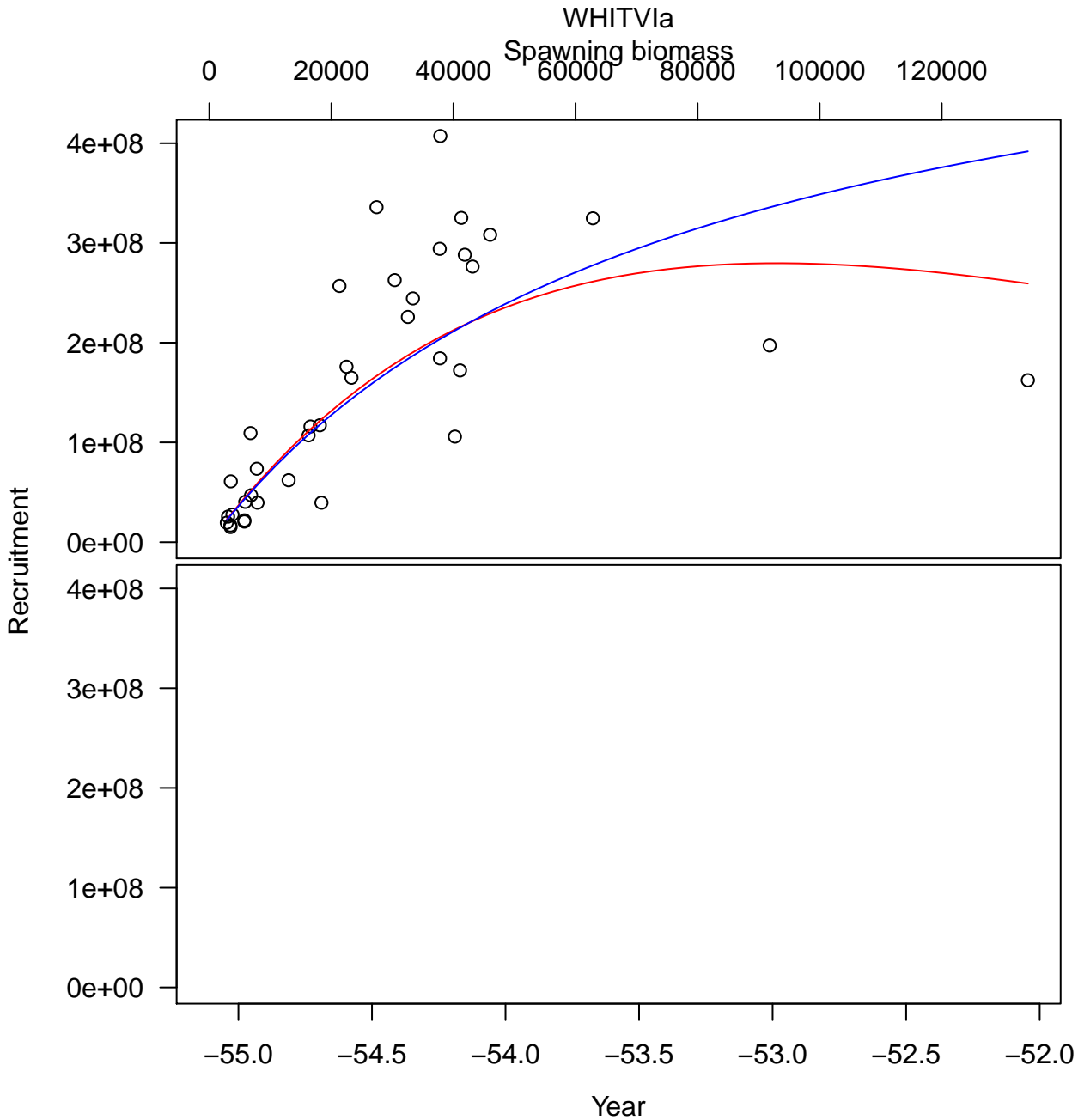
-42.771

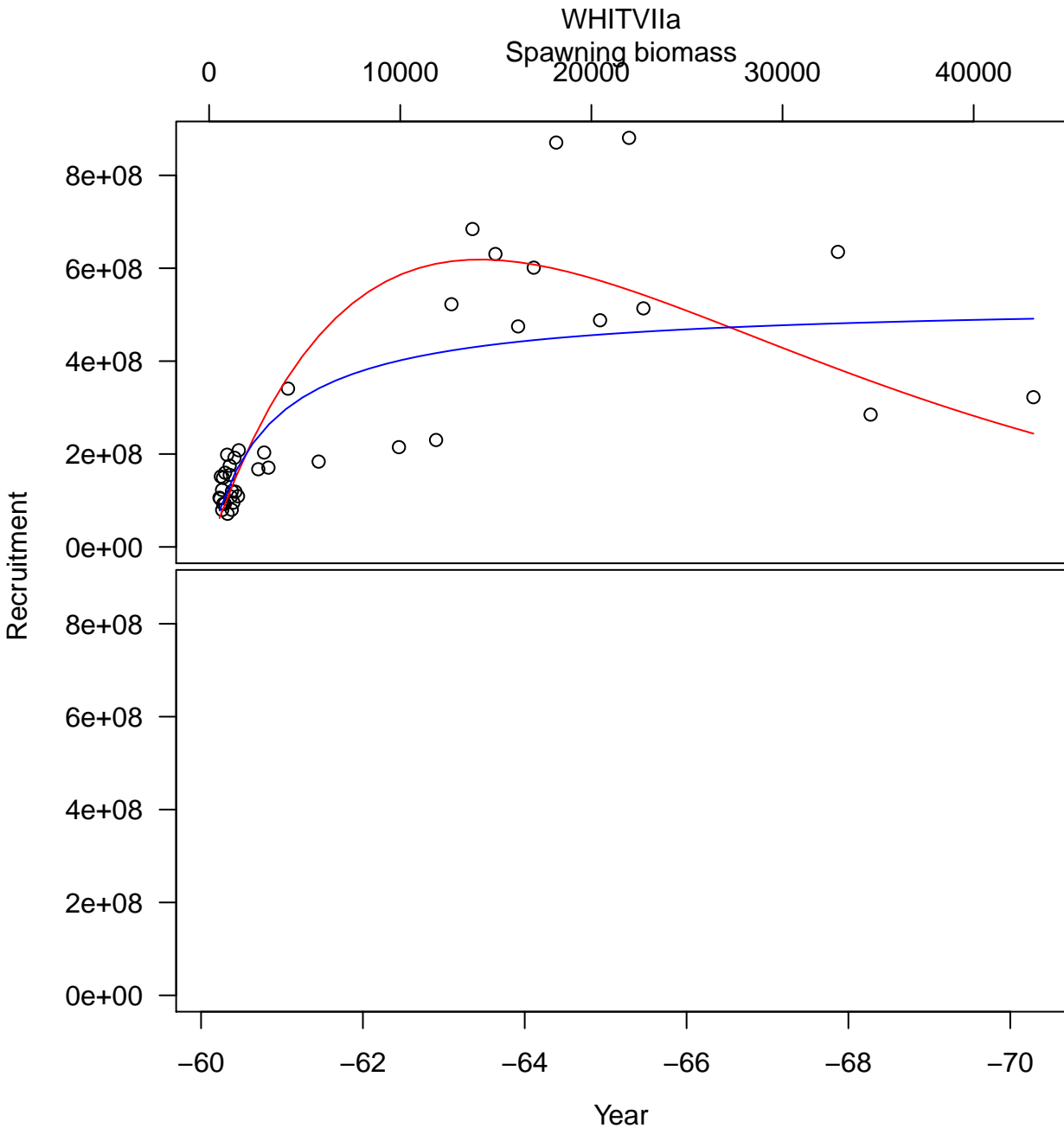
Year











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

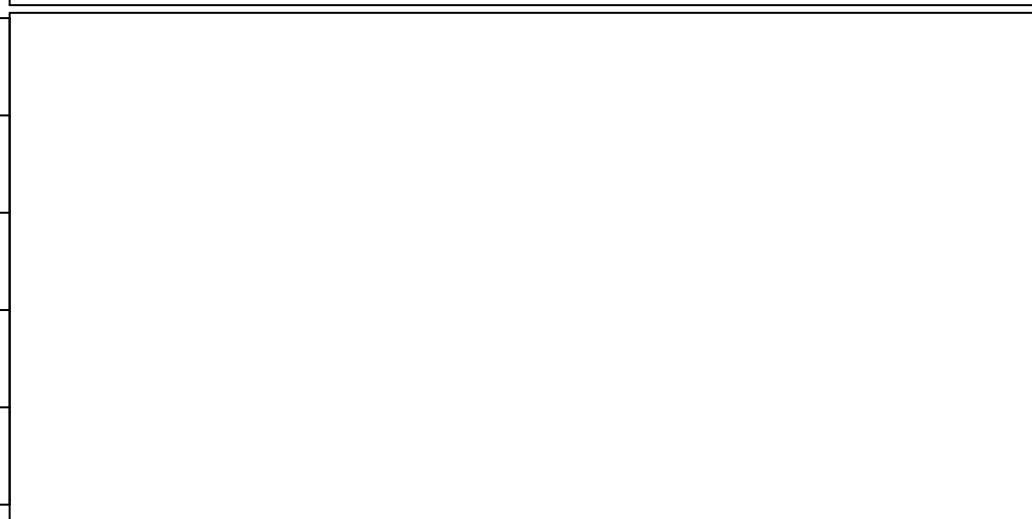
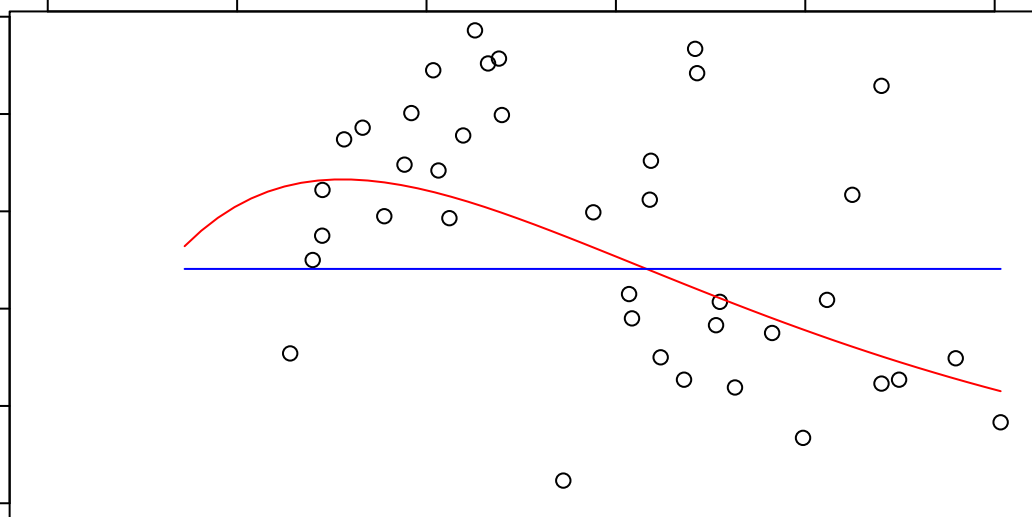
-40

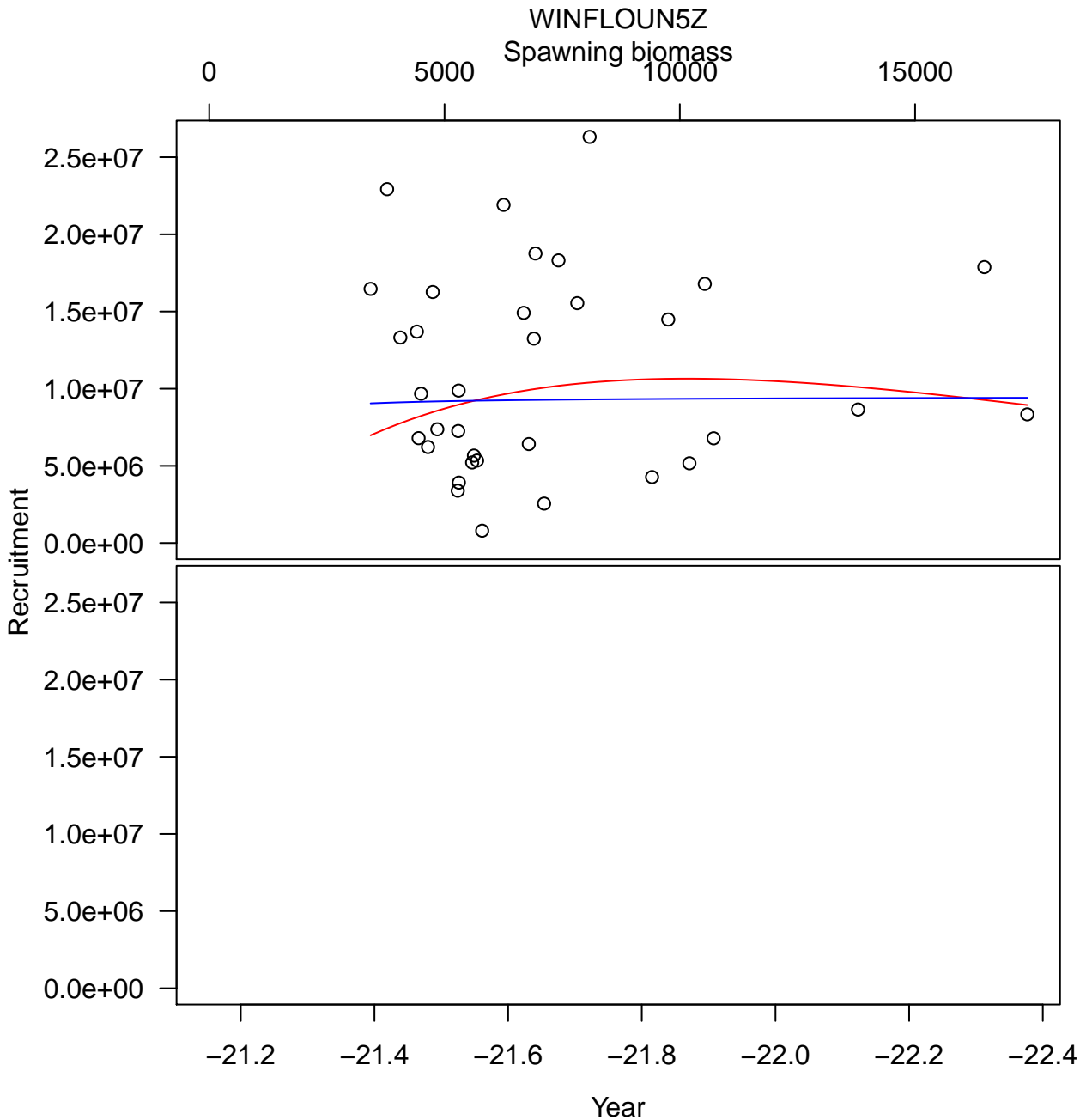
-38

-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

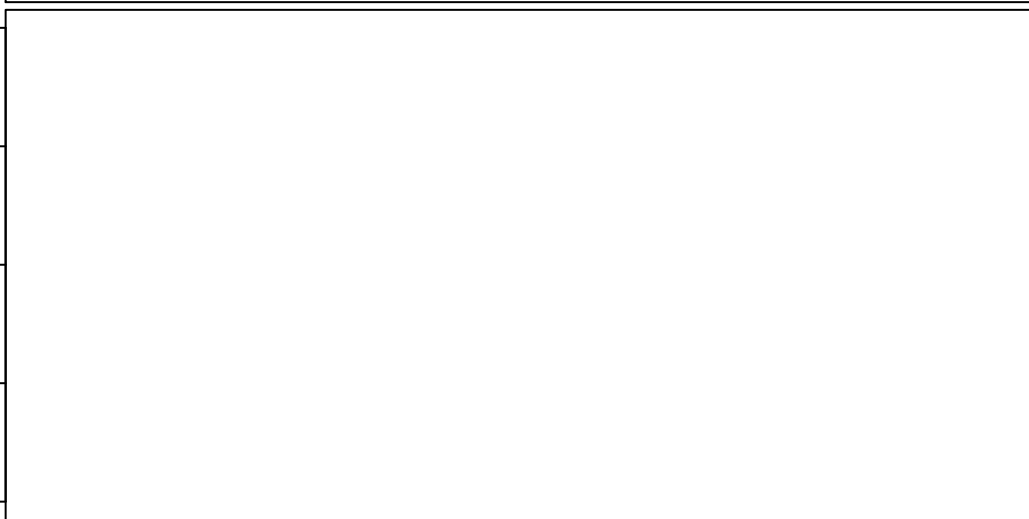
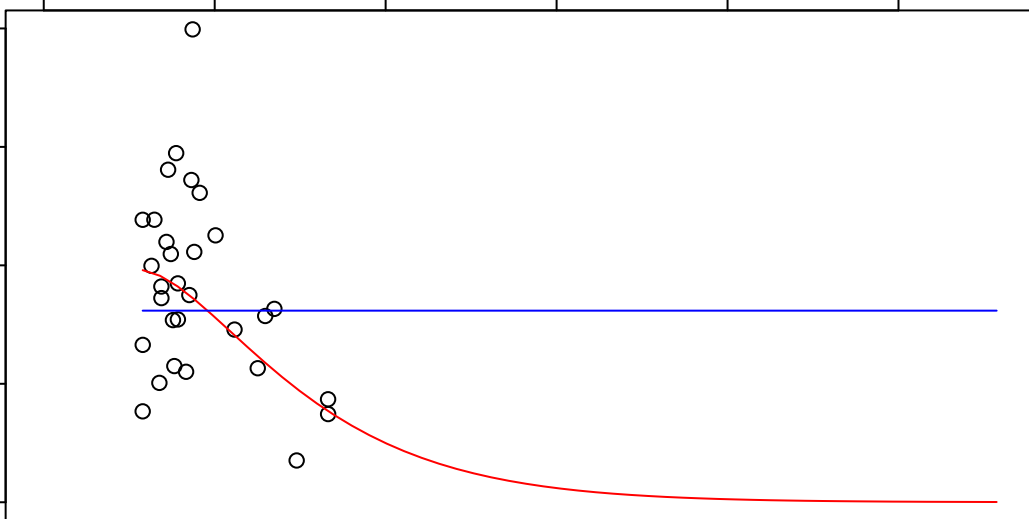
-44

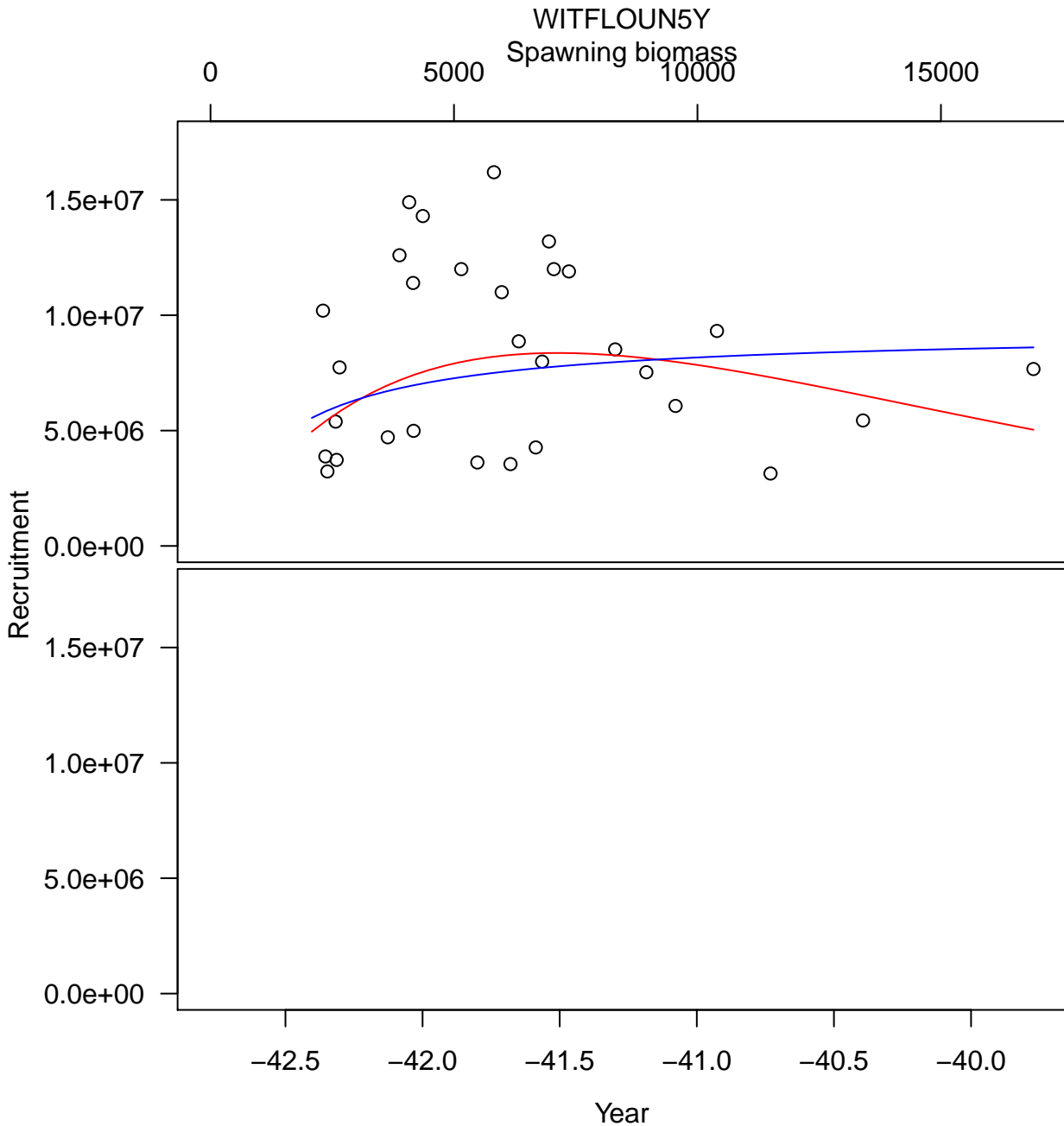
-42

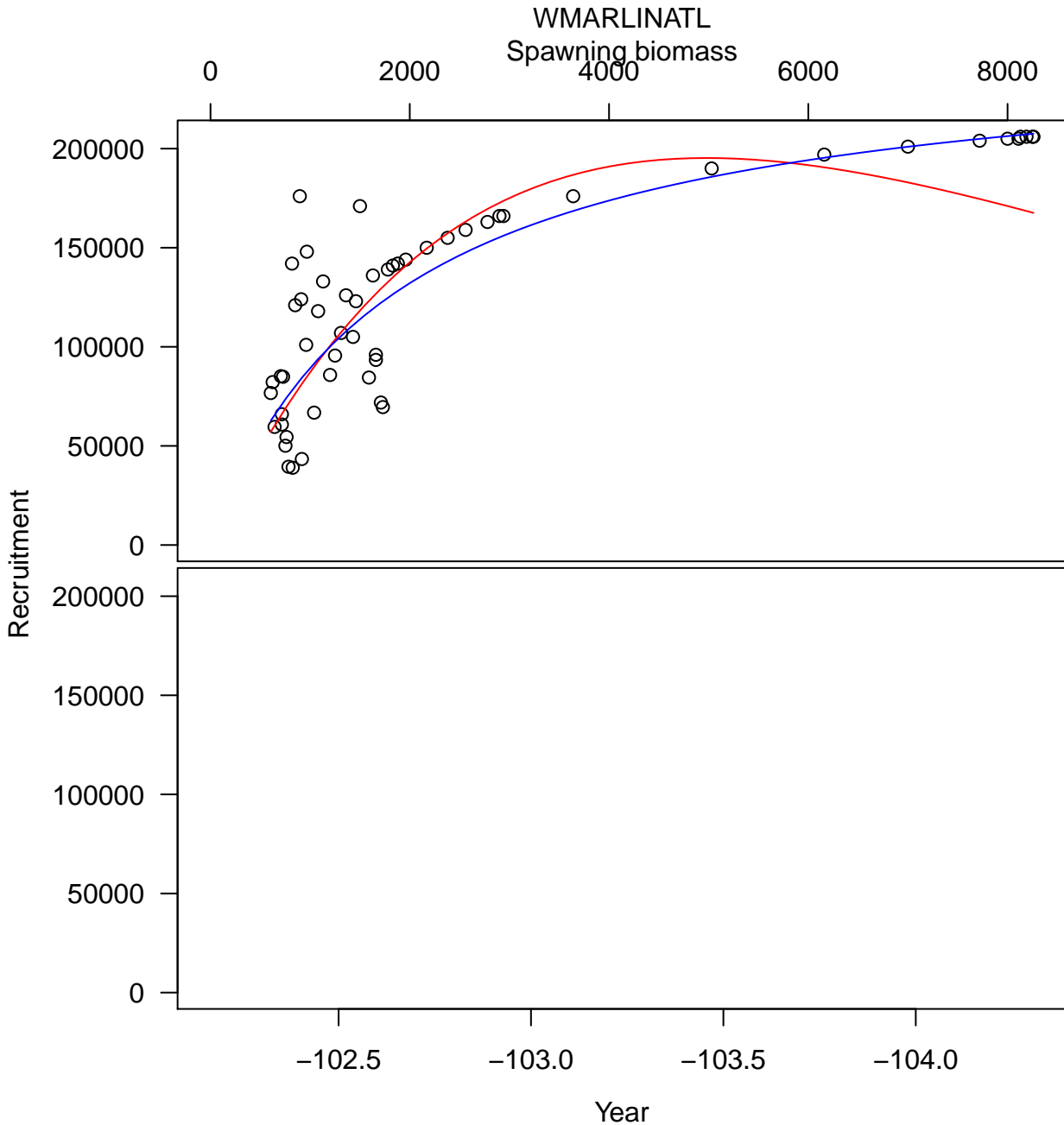
-40

-38

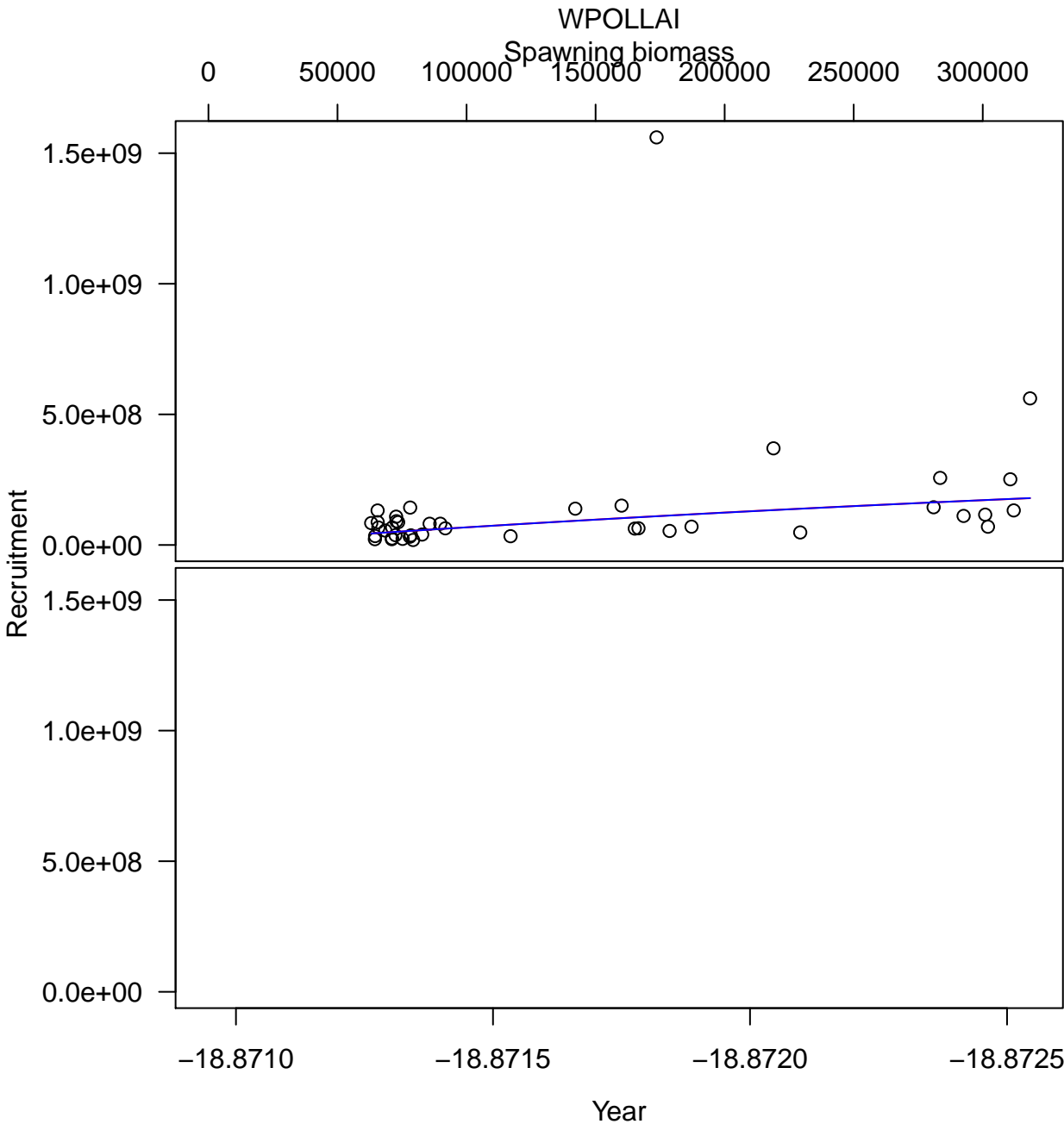
Year

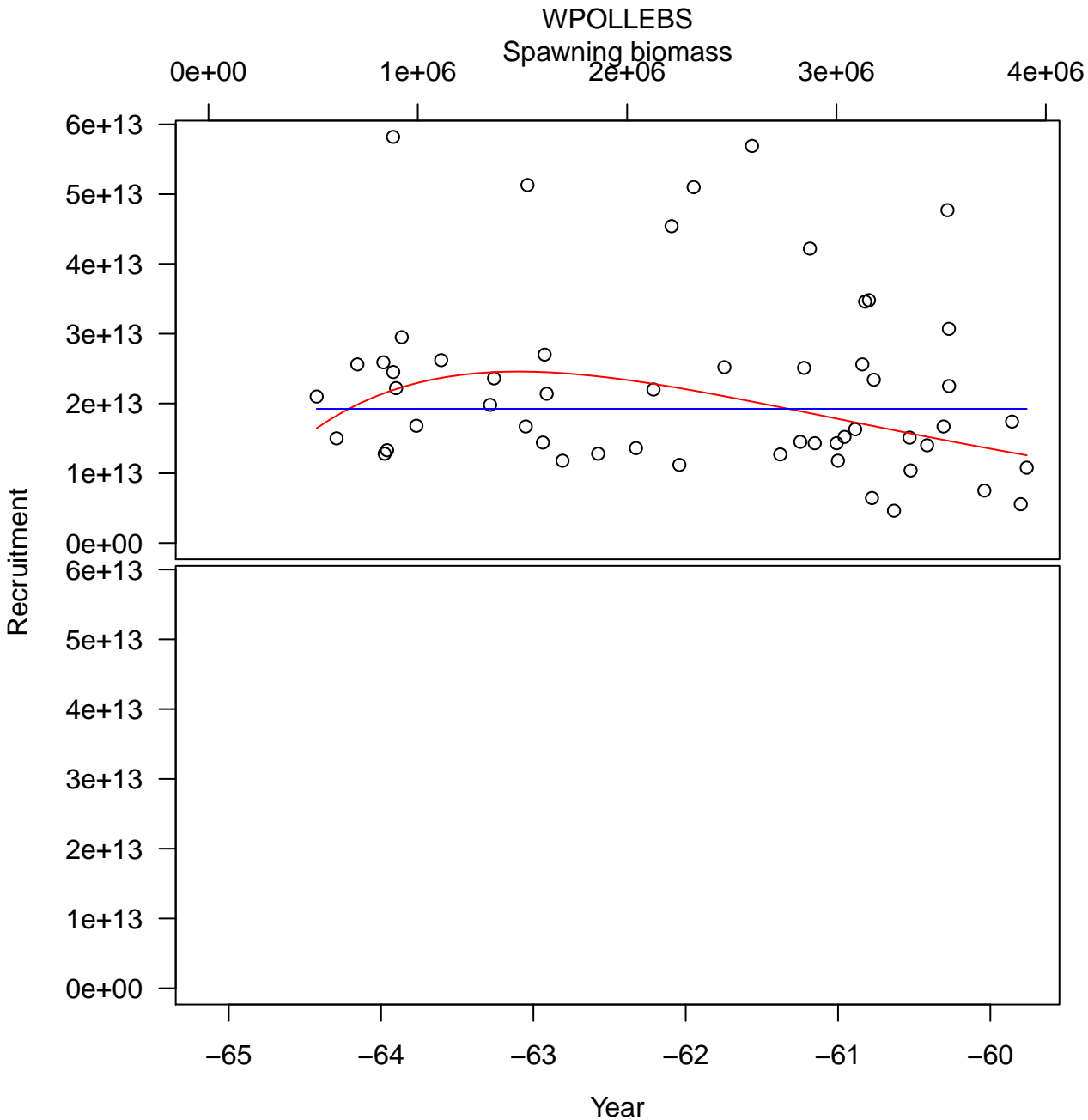












# WPOLLGA

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

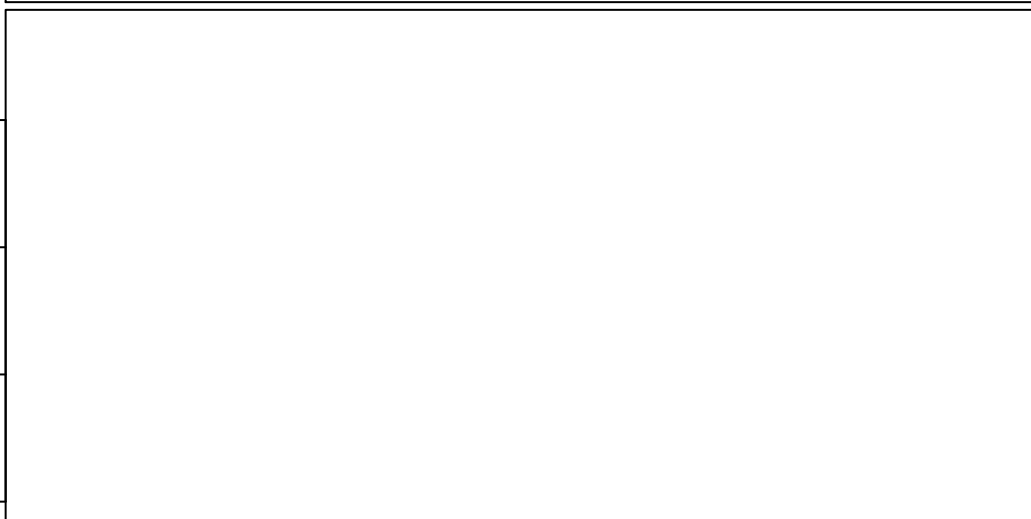
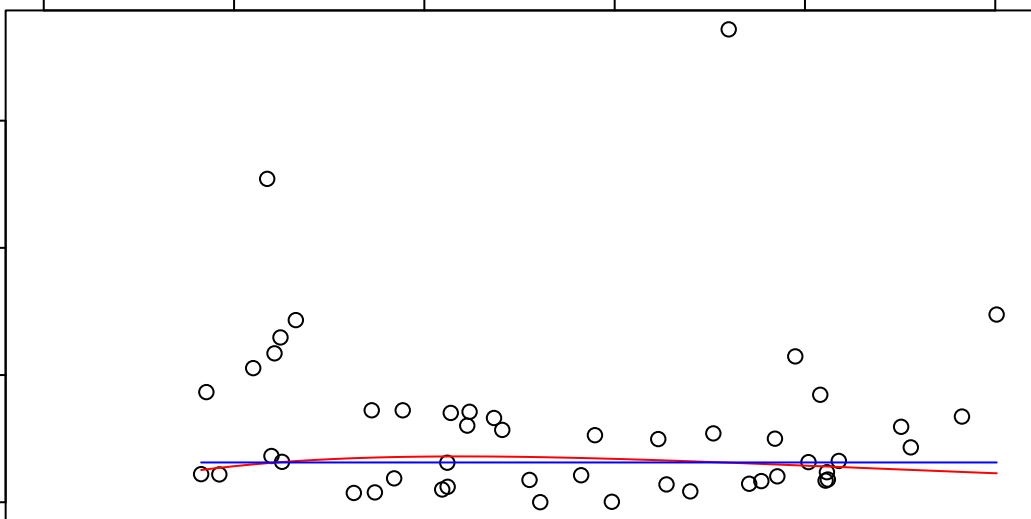
38.0

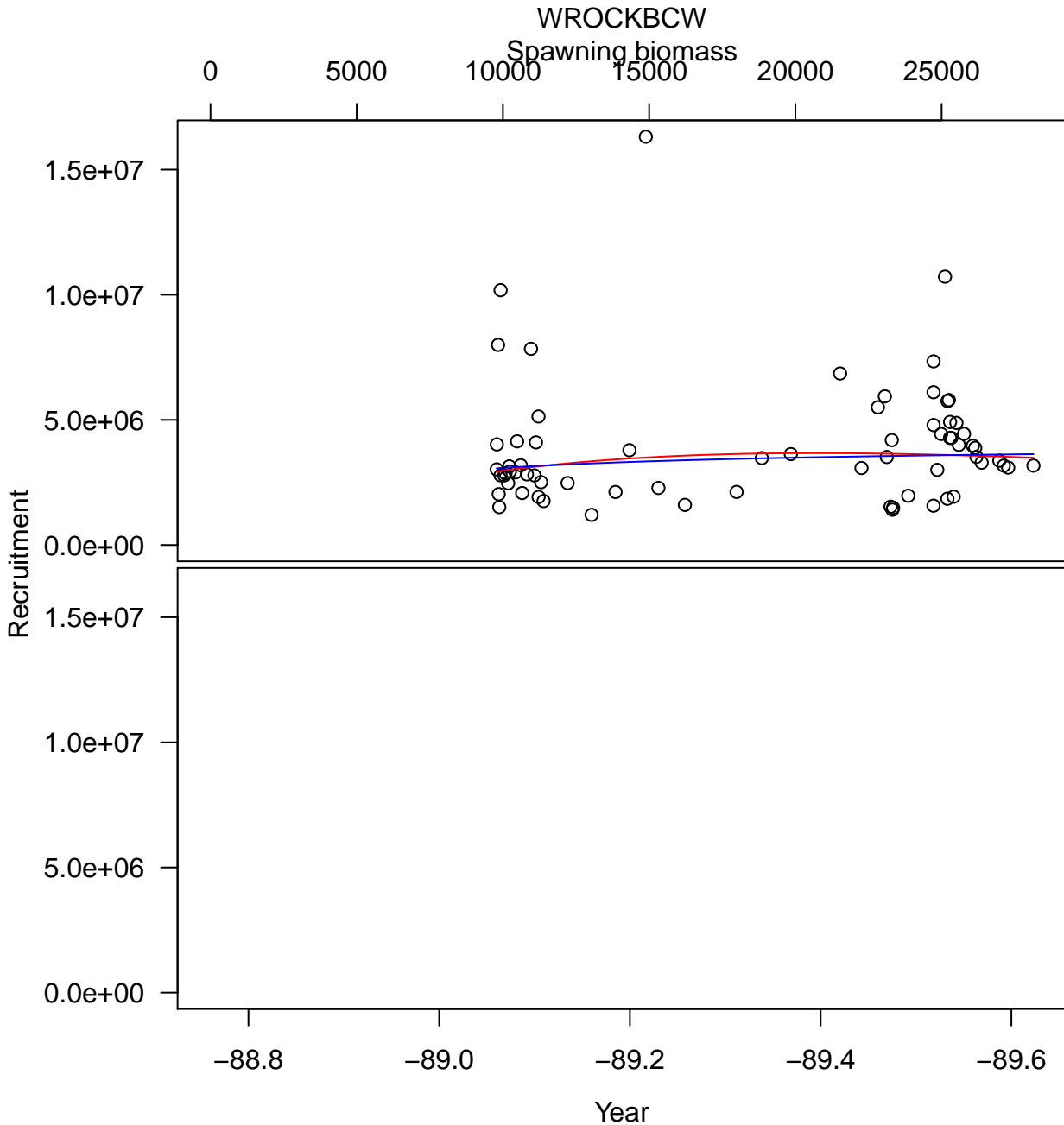
37.5

37.0

36.5

Year





WROCKPCOAST

Spawning biomass

0

20000

40000

60000

80000

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

-71.50

-71.45

-71.40

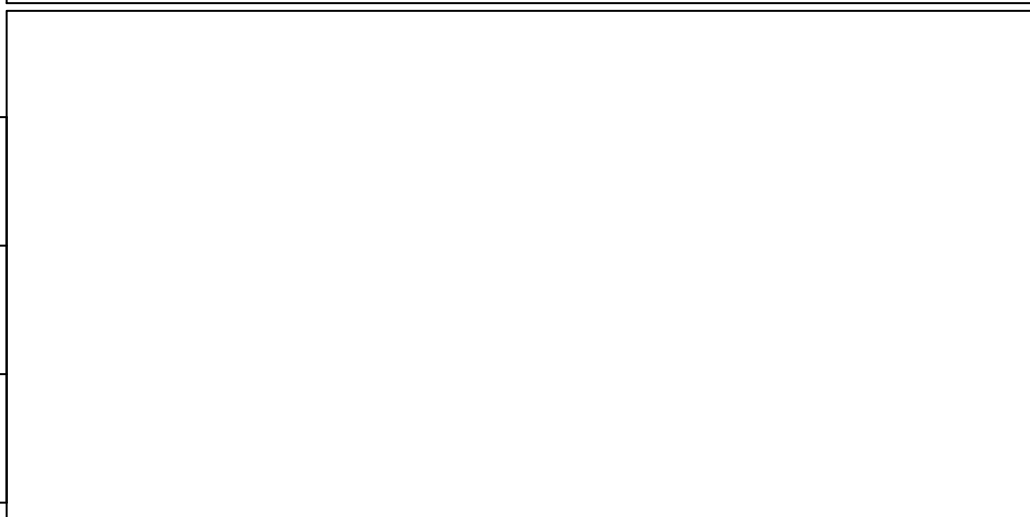
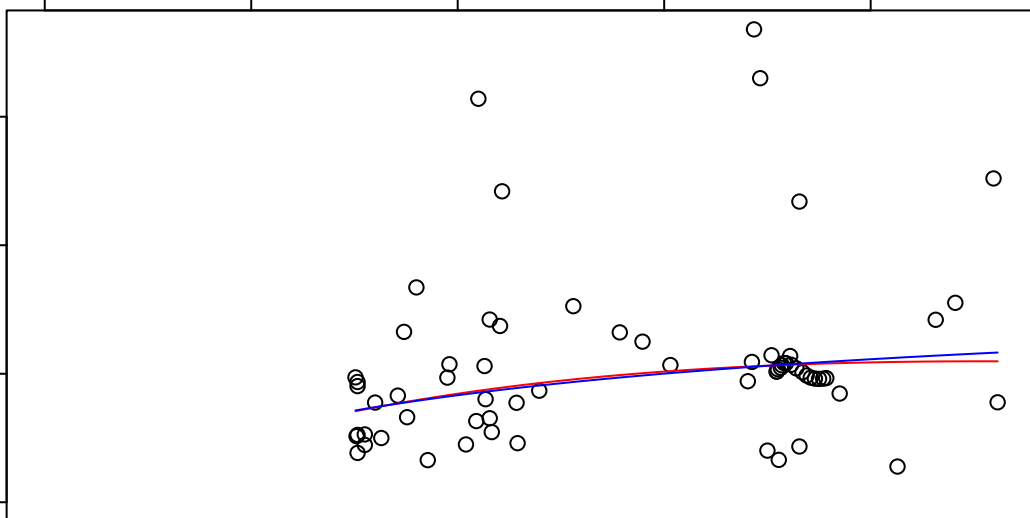
-71.35

-71.30

-71.25

-71.20

Year



YELLCCODGOM

Spawning biomass

0

500

1000

1500

2000

2500

$2.0 \times 10^7$

$1.5 \times 10^7$

$1.0 \times 10^7$

$5.0 \times 10^6$

$0.0 \times 10^0$

Recruitment

$2.0 \times 10^7$

$1.5 \times 10^7$

$1.0 \times 10^7$

$5.0 \times 10^6$

$0.0 \times 10^0$

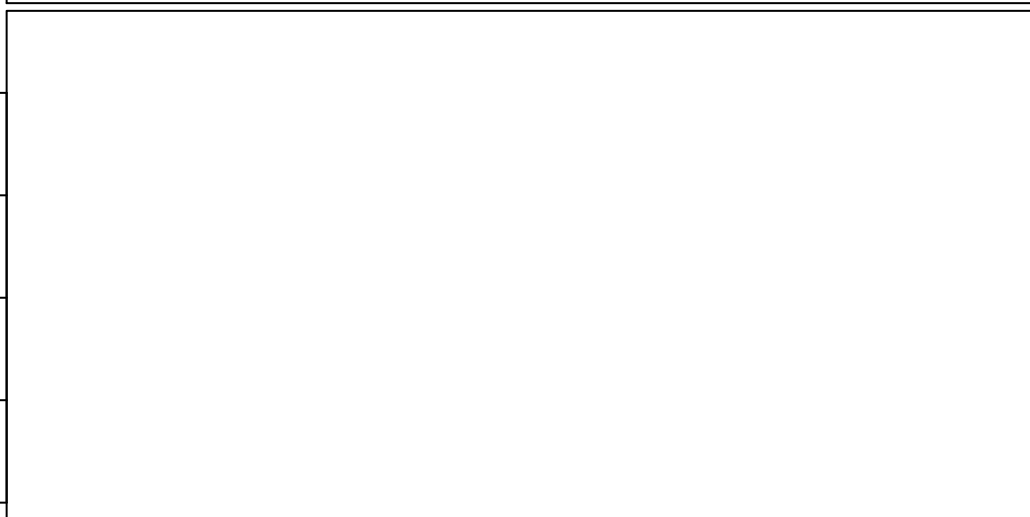
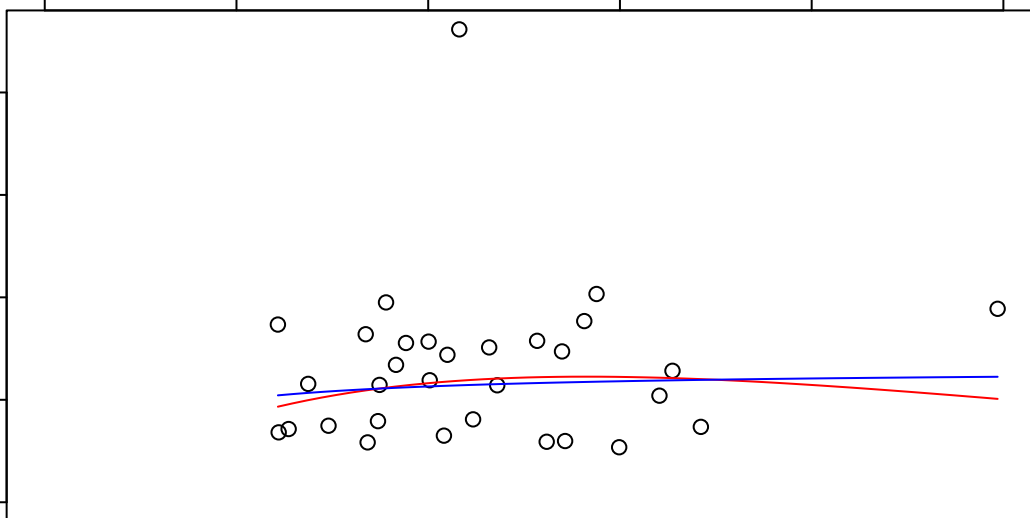
-43.0

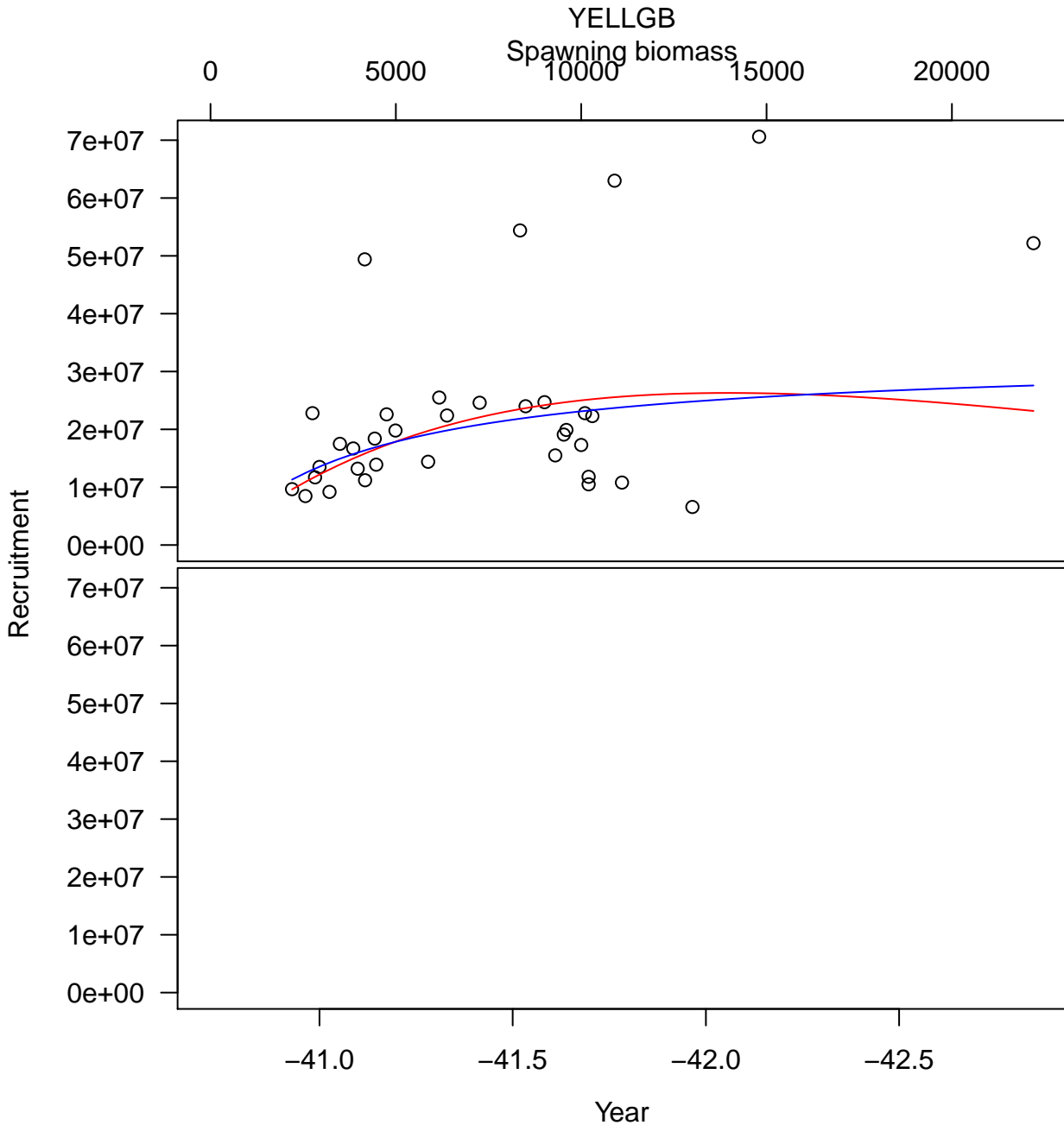
-43.2

-43.4

-43.6

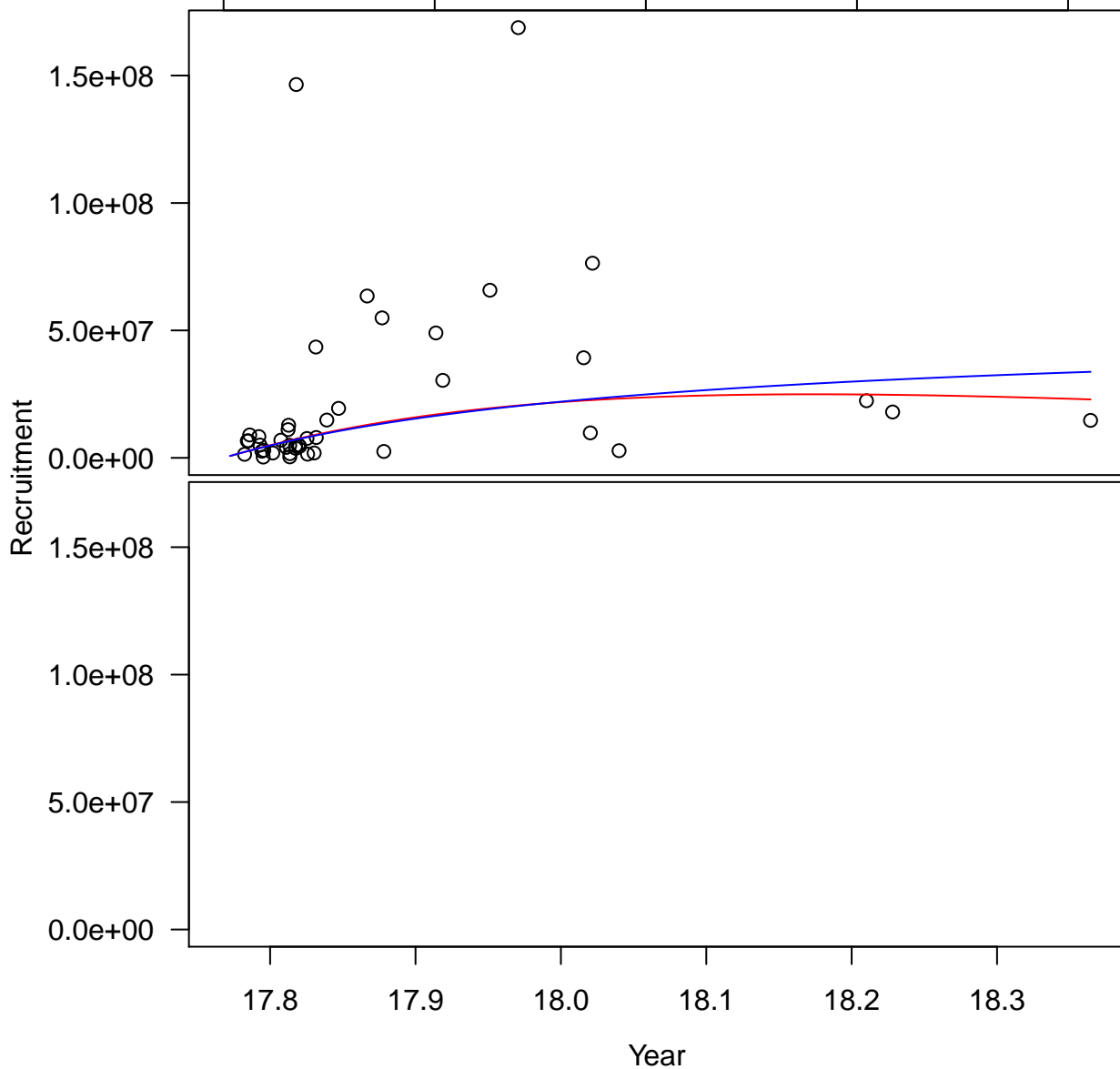
Year





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

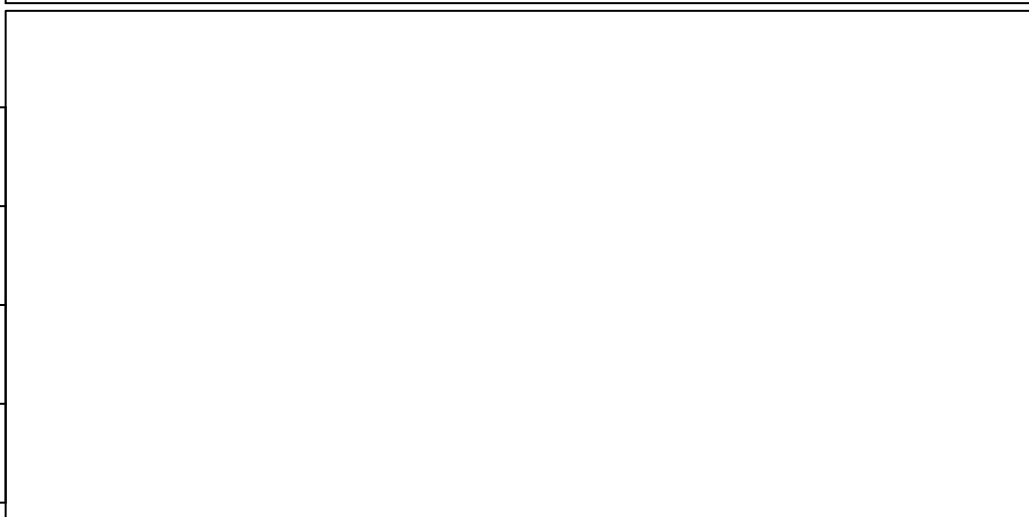
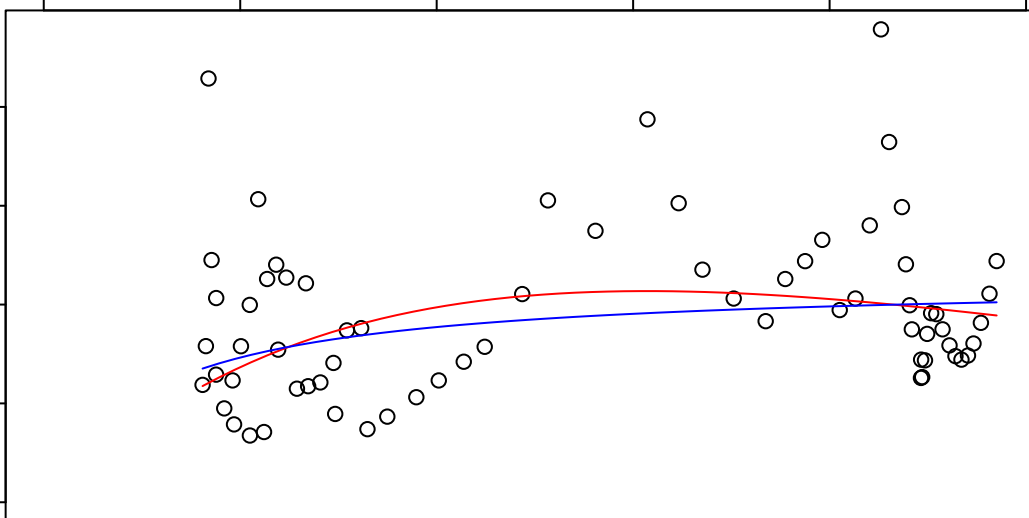
-114.5

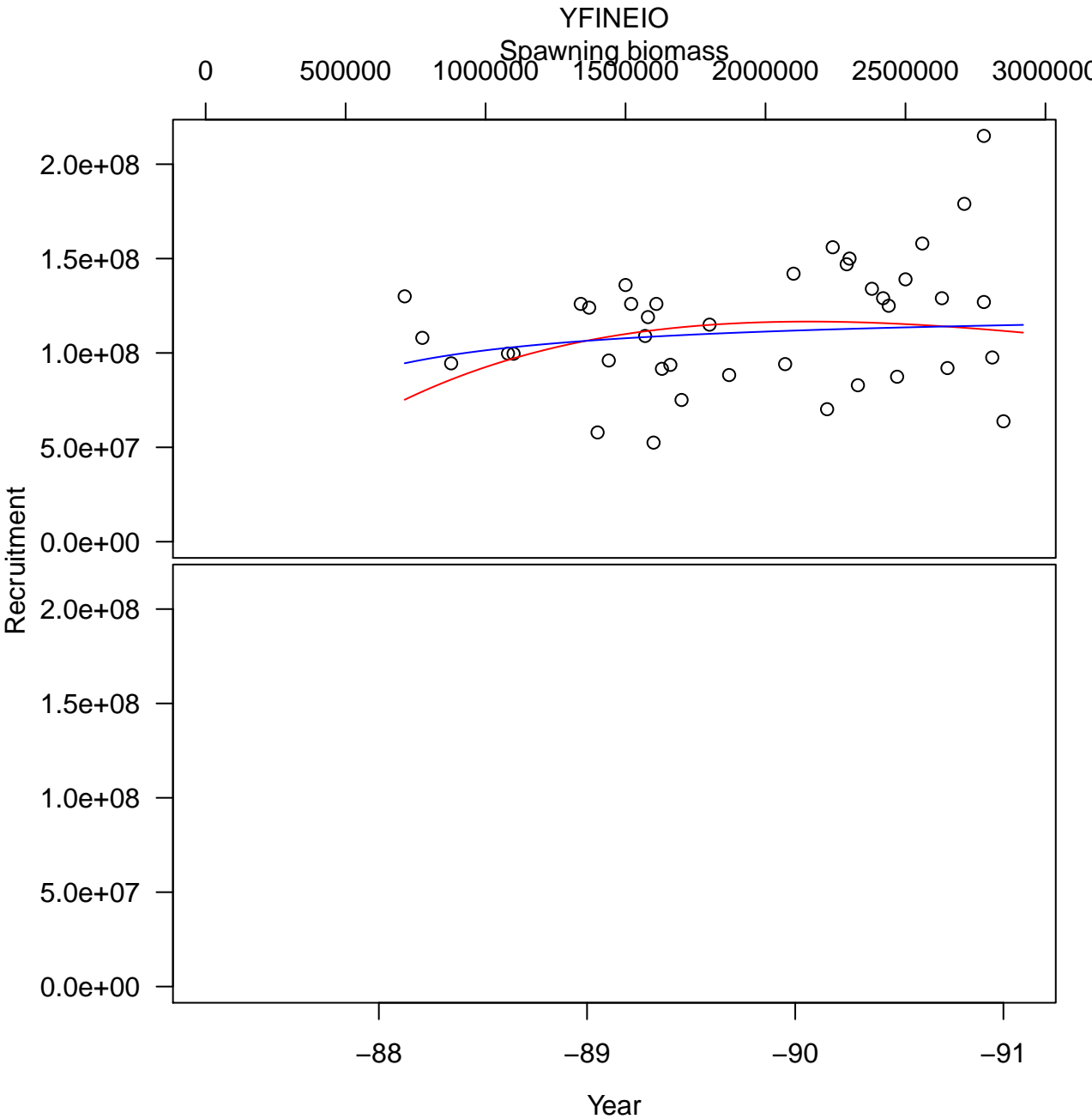
-115.0

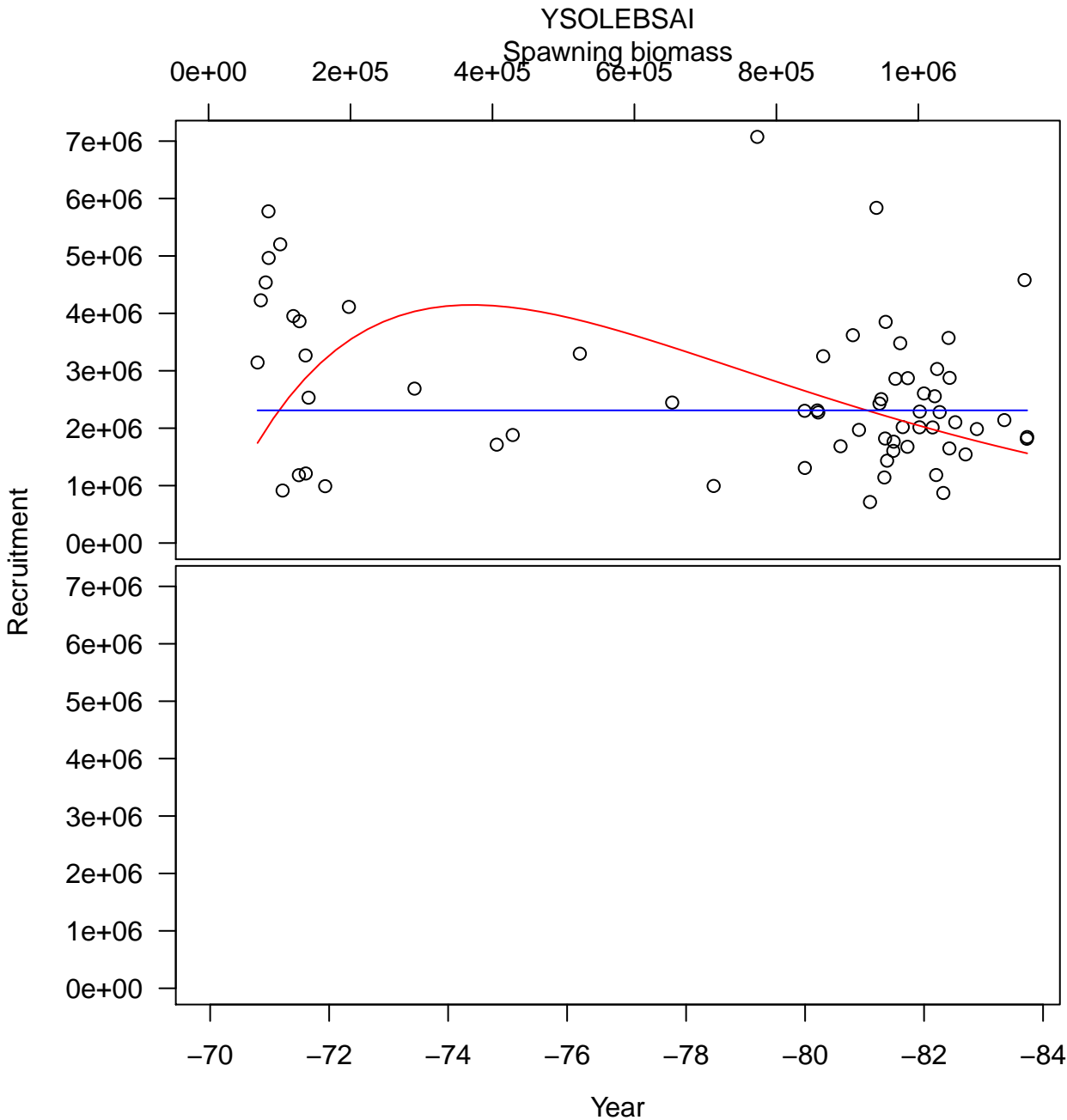
-115.5

-116.0

Year







YTROCKNPCOAST

Spawning biomass

0.0e+00

4.0e+12

8.0e+12

1.2e+13

8e+07

6e+07

4e+07

2e+07

0e+00

Recruitment

8e+07

6e+07

4e+07

2e+07

0e+00

-136.0

-136.5

-137.0

Year

