

BGROCKPCOAST

Spawning biomass

0.0e+00

5.0e+11

1.0e+12

1.5e+12

2.0e+12

2500000

2000000

1500000

1000000

500000

0

Recruitment

2500000

2000000

1500000

1000000

500000

0

1950

1960

1970

1980

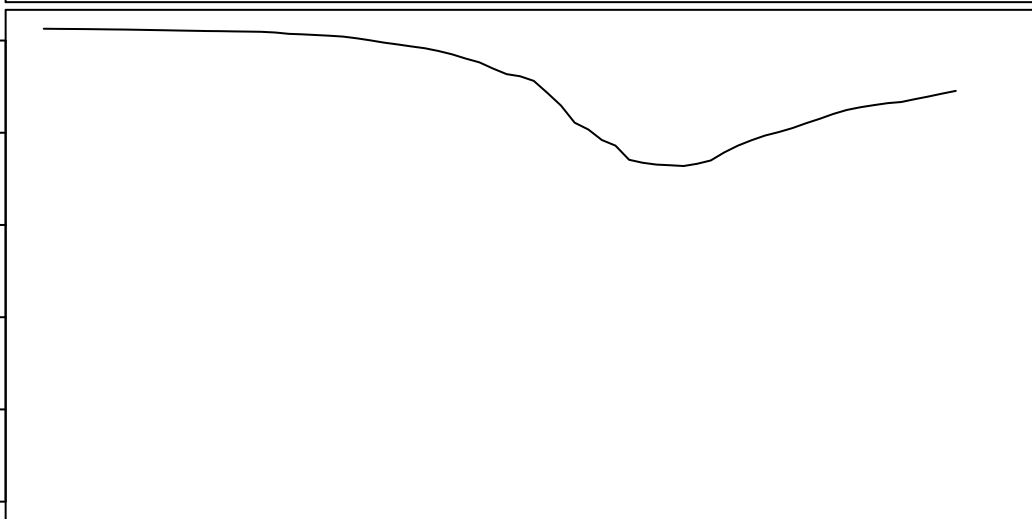
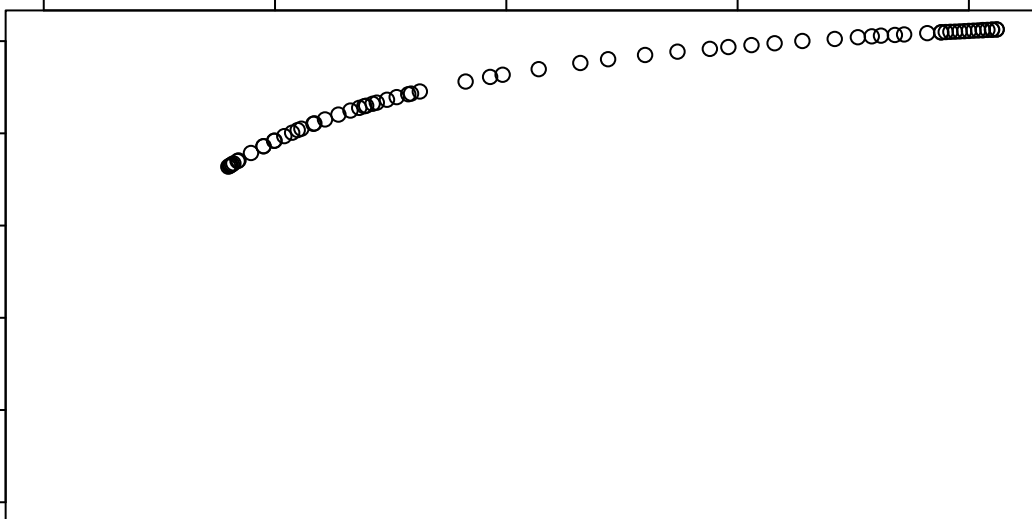
1990

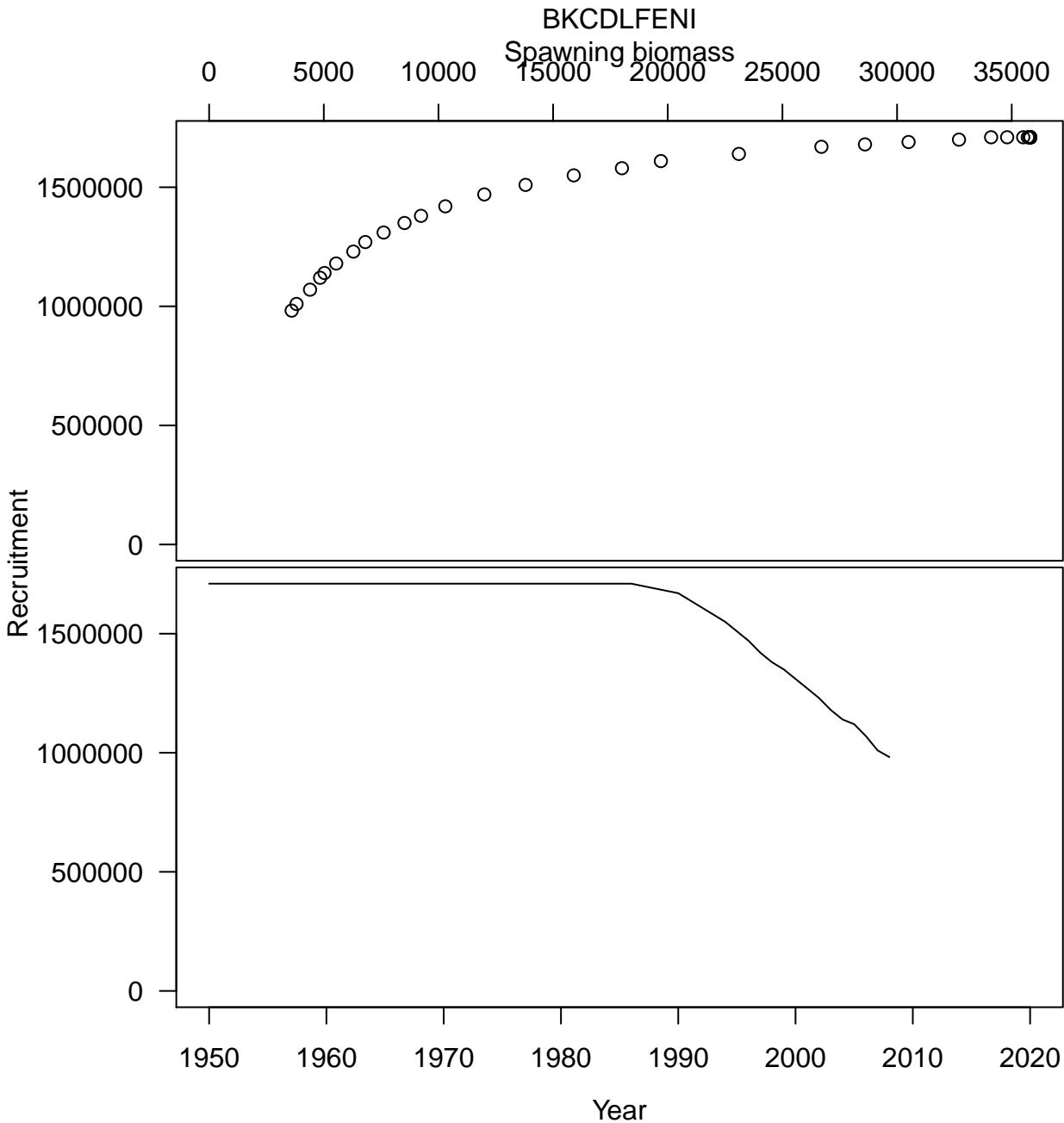
2000

2010

2020

Year





BLACKOREOPR

Spawning biomass

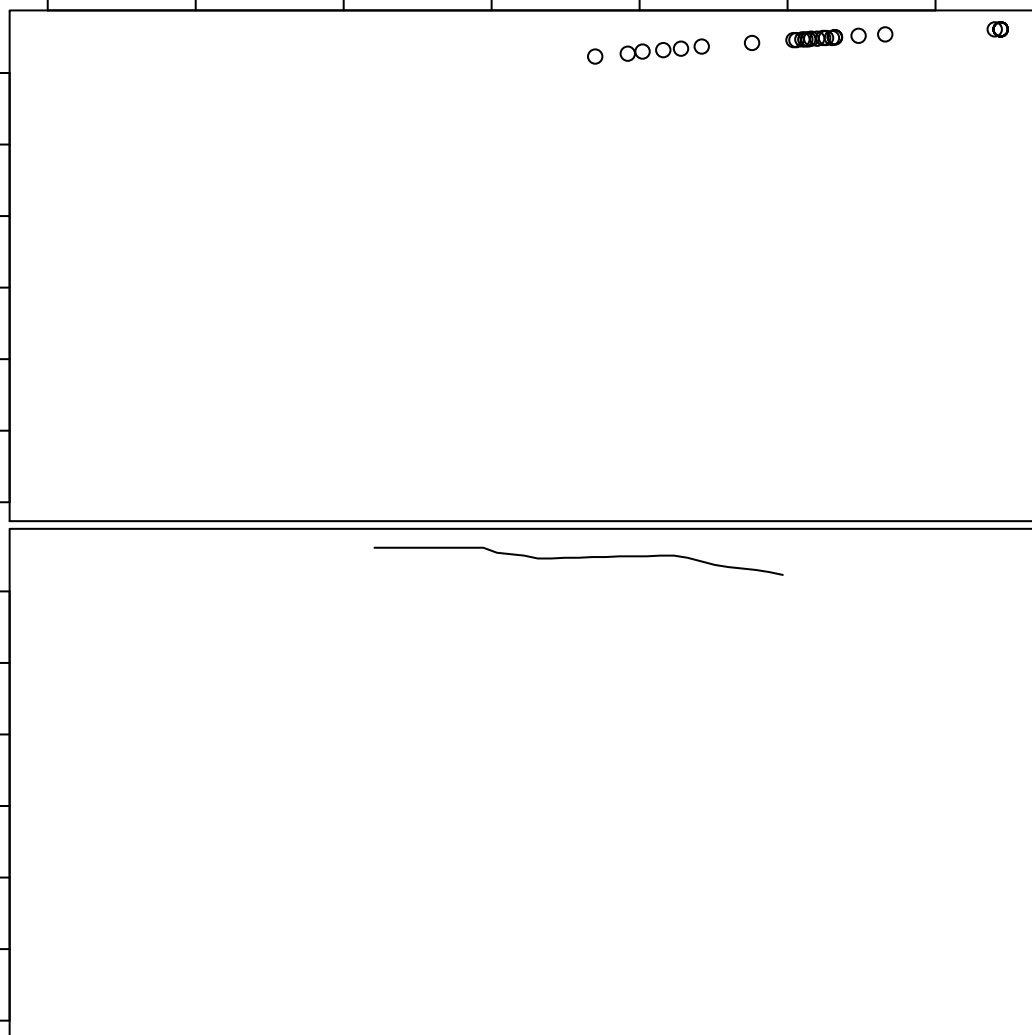
0 5000 10000 15000 20000 25000 30000

Recruitment

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

1950 1960 1970 1980 1990 2000 2010 2020

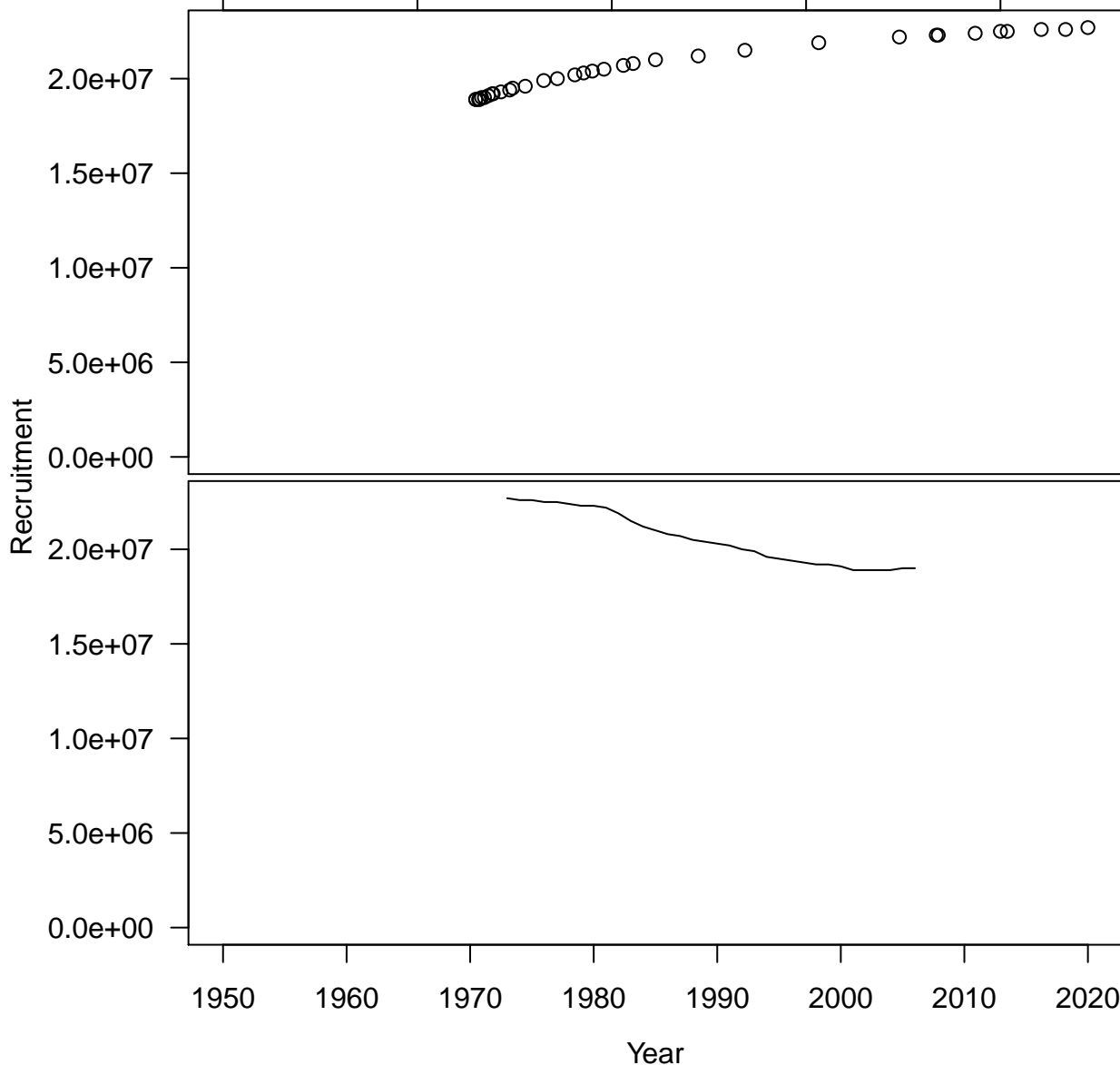
Year



BLACKOREOWECR

Spawning biomass

0 20000 40000 60000 80000



BLACKROCKKORECOAST

Spawning biomass

0 200 400 600 800 1000 1200

Recruitment

3e+06

2e+06

1e+06

0e+00

3e+06

2e+06

1e+06

0e+00

1950

1960

1970

1980

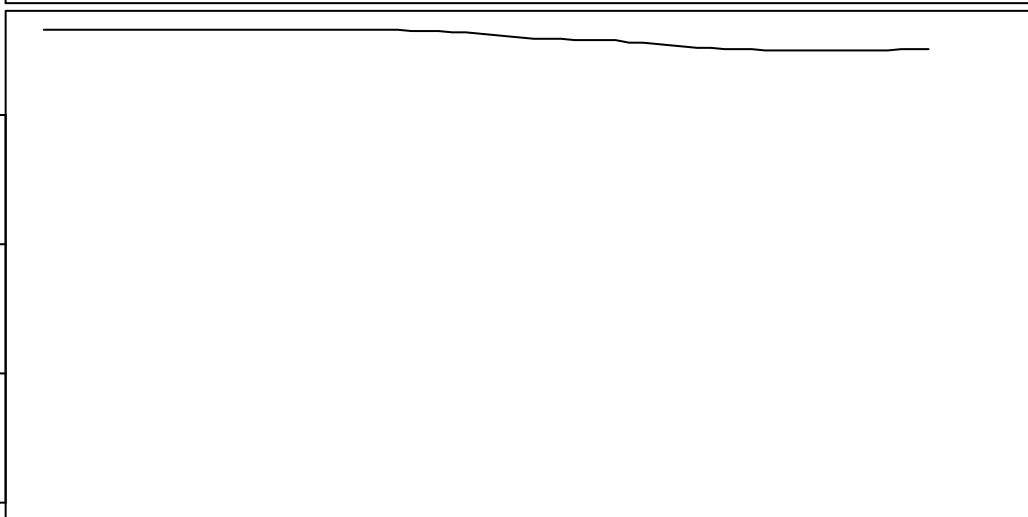
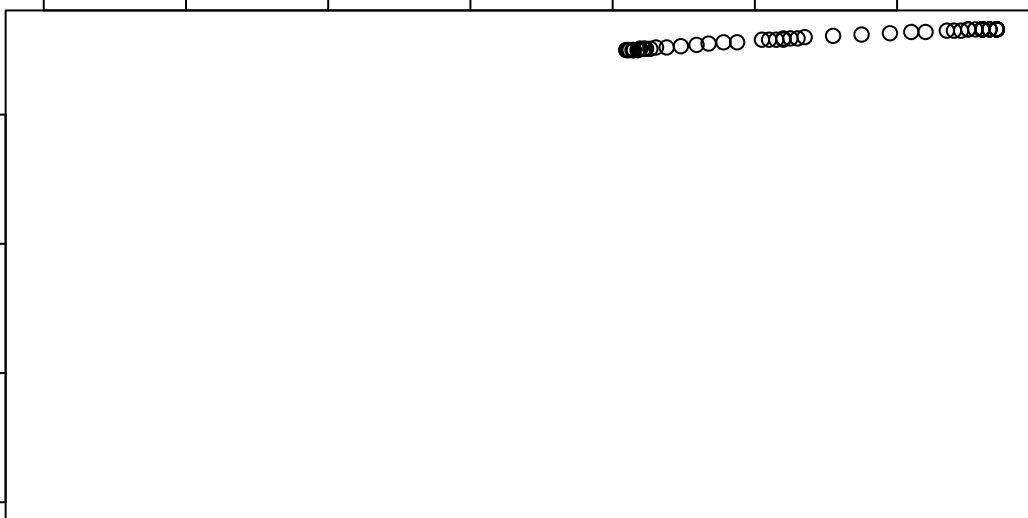
1990

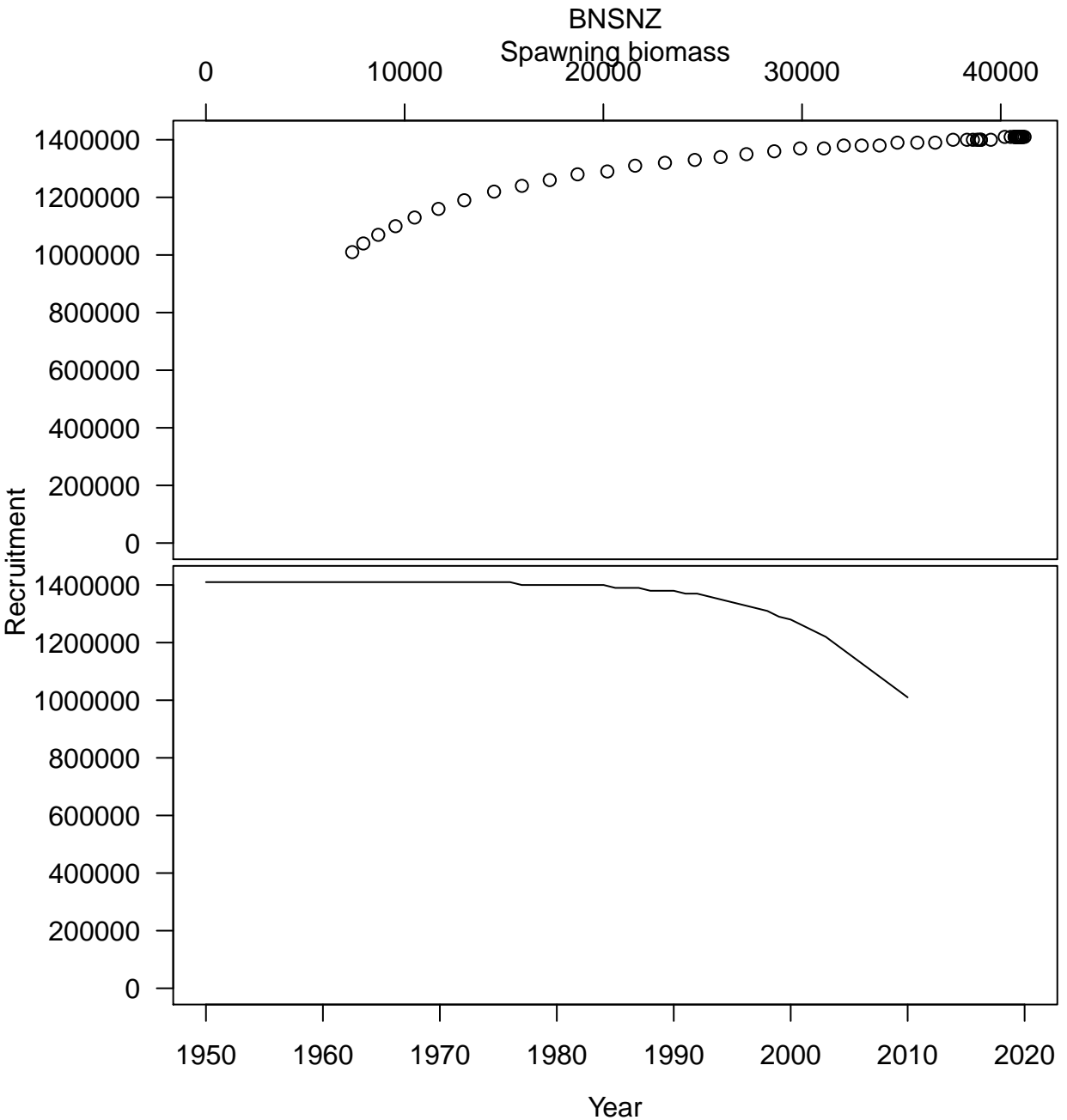
2000

2010

2020

Year

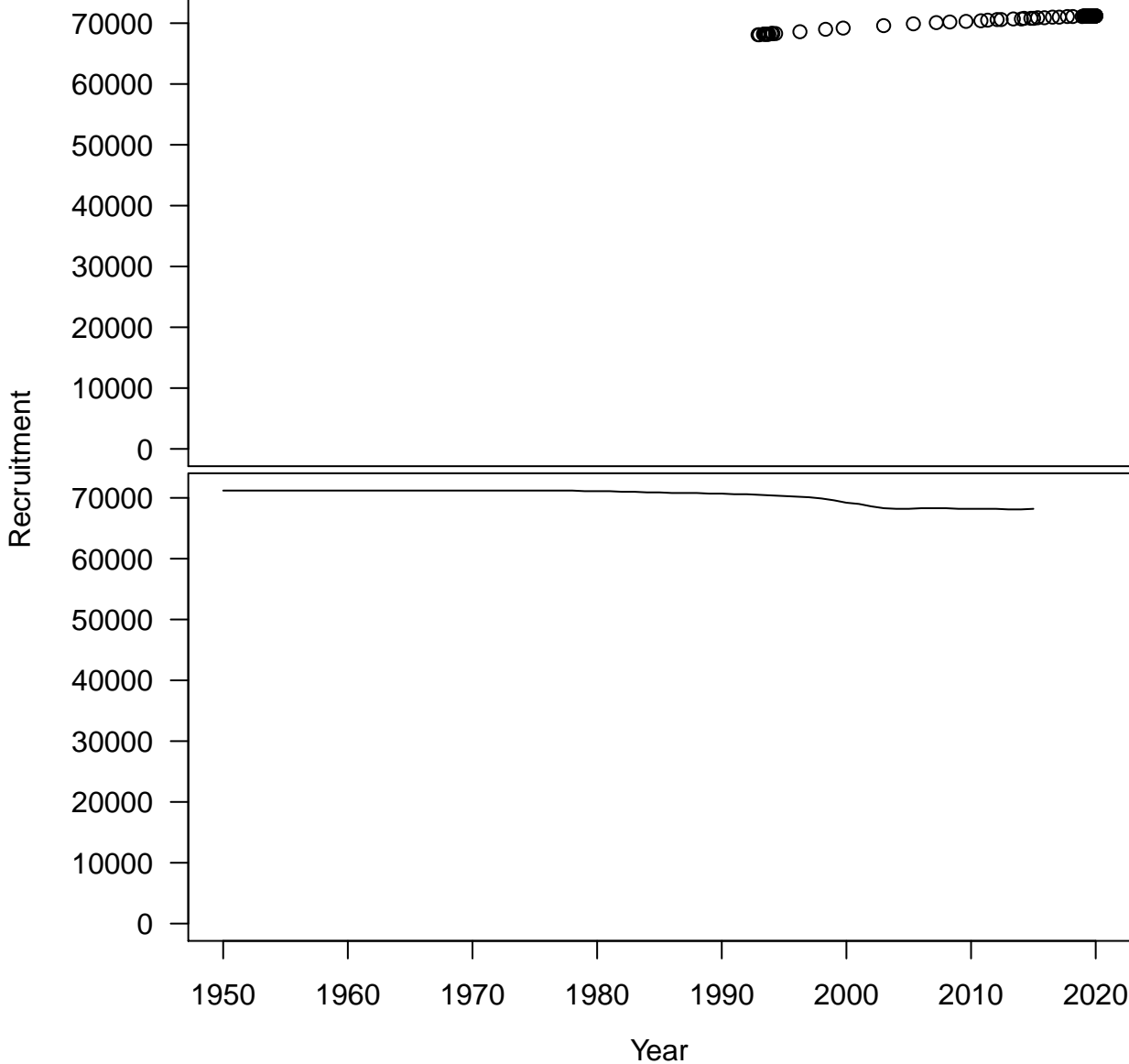




CHROCKCPCOAST

Spawning biomass

0e+00 1e+10 2e+10 3e+10 4e+10 5e+10 6e+10



CHROCKNPCOAST

Spawning biomass

0.0e+00

5.0e+09

1.0e+10

1.5e+10

2.0e+10

2.5e+10

Recruitment

35000

30000

25000

20000

15000

10000

5000

0

35000

30000

25000

20000

15000

10000

5000

0

1950

1960

1970

1980

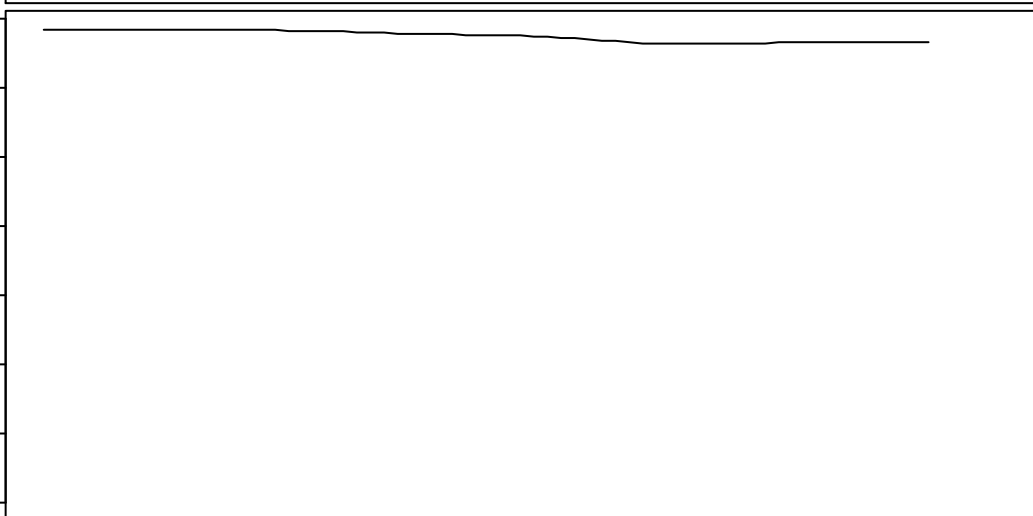
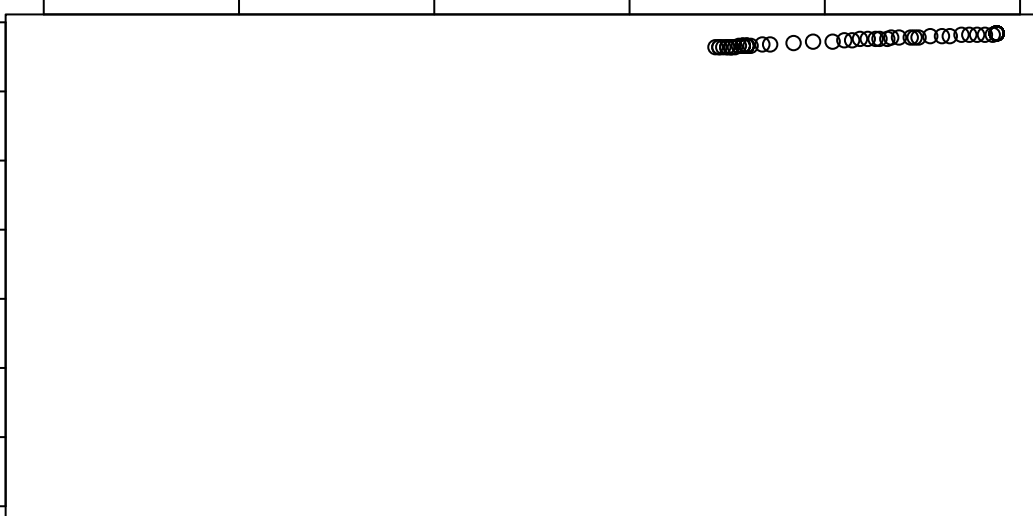
1990

2000

2010

2020

Year



CHROCKSPCOAST

Spawning biomass

0e+00 1e+10 2e+10 3e+10 4e+10 5e+10

Recruitment

150000

100000

50000

0

150000

100000

50000

0

1950

1960

1970

1980

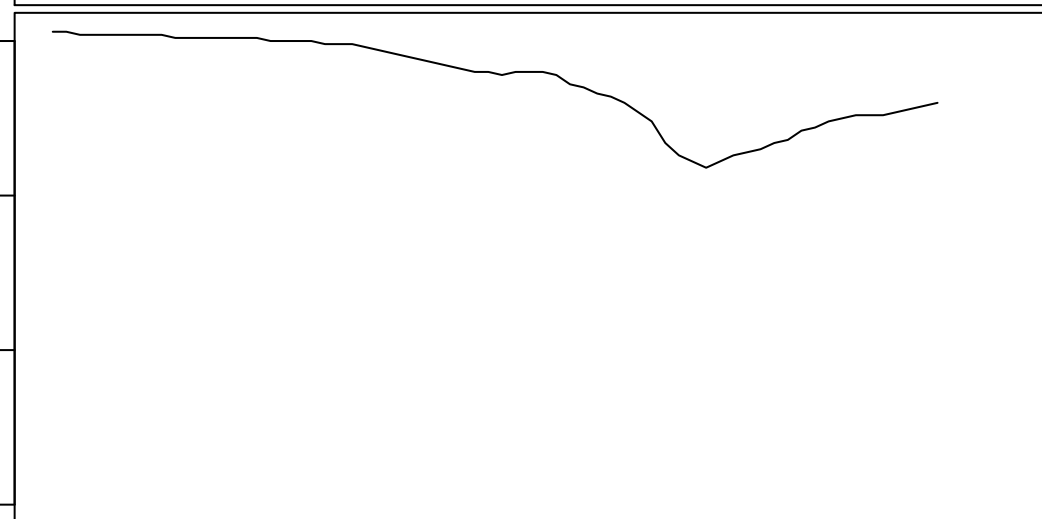
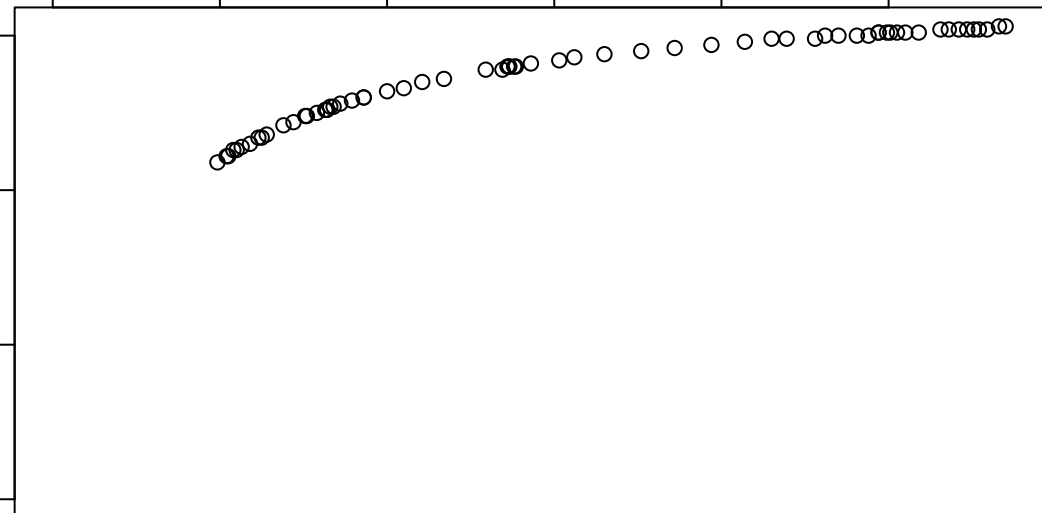
1990

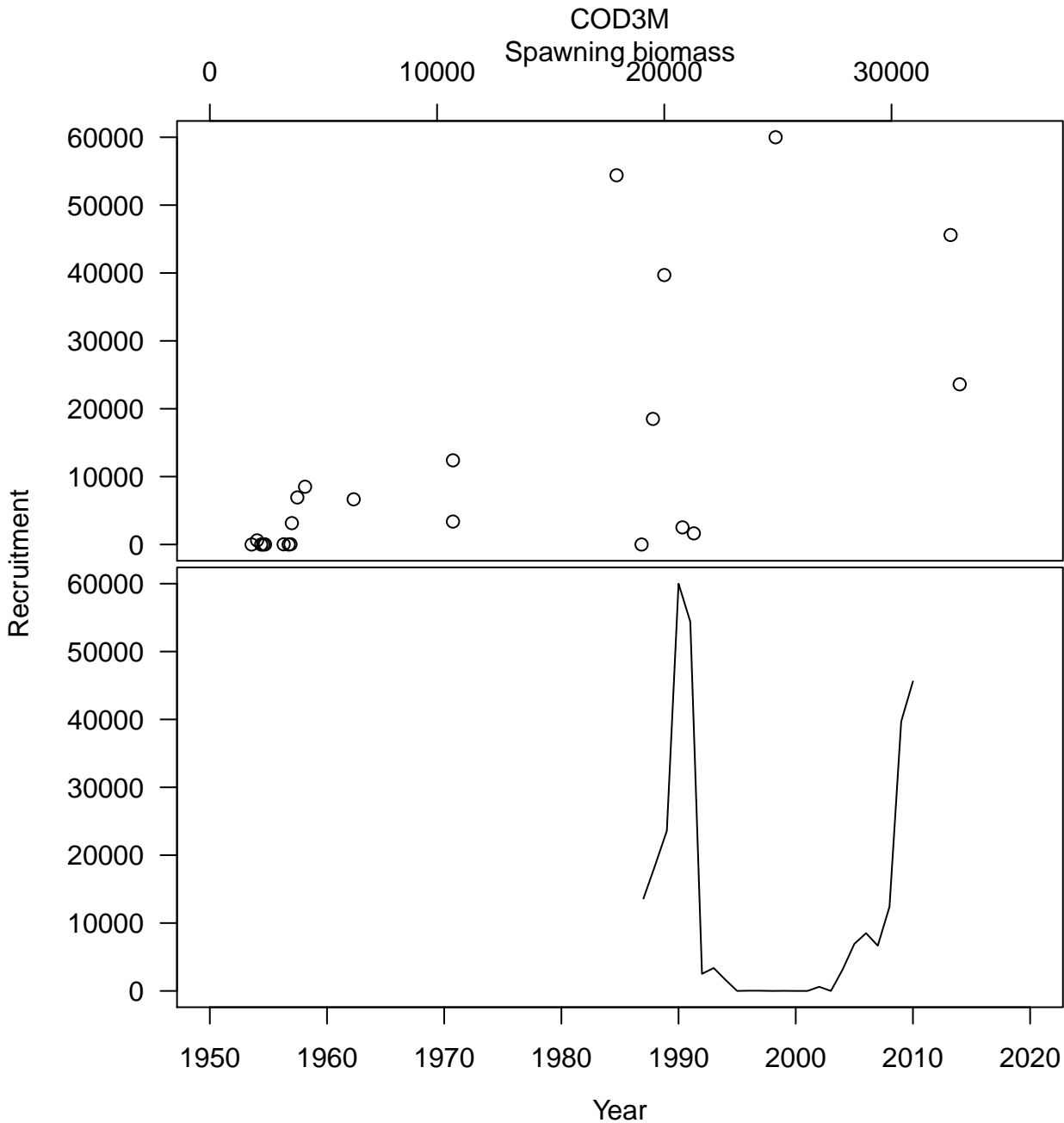
2000

2010

2020

Year





CRLOBSTERSA12

Spawning biomass

0.0 0.1 0.2 0.3 0.4 0.5 0.6

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

1950

1960

1970

1980

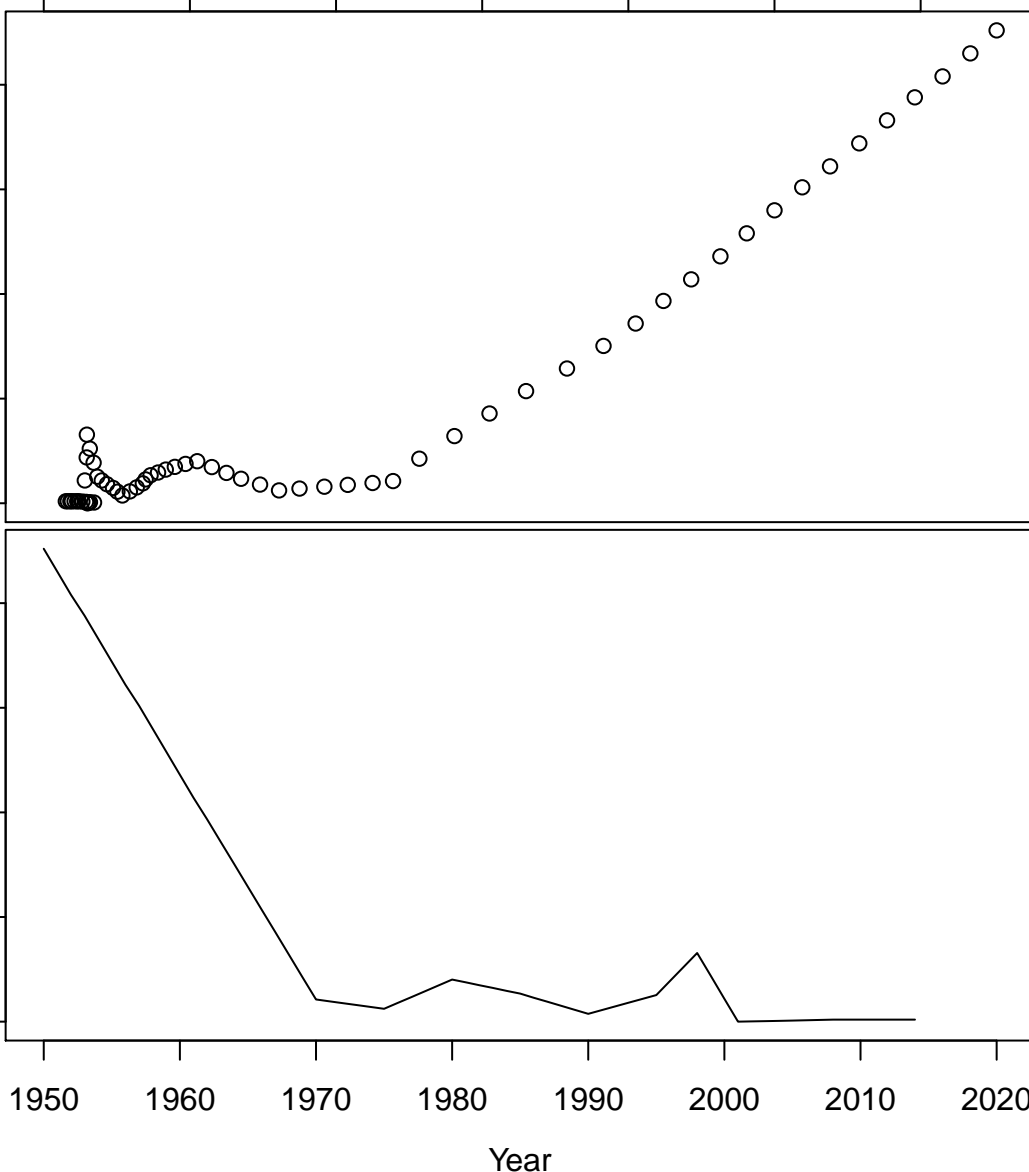
1990

2000

2010

2020

Year



CRLOBSTERSA34

Spawning biomass

0.0

0.1

0.2

0.3

0.4

6e+07

5e+07

4e+07

3e+07

2e+07

1e+07

0e+00

Recruitment

6e+07

5e+07

4e+07

3e+07

2e+07

1e+07

0e+00

1950

1960

1970

1980

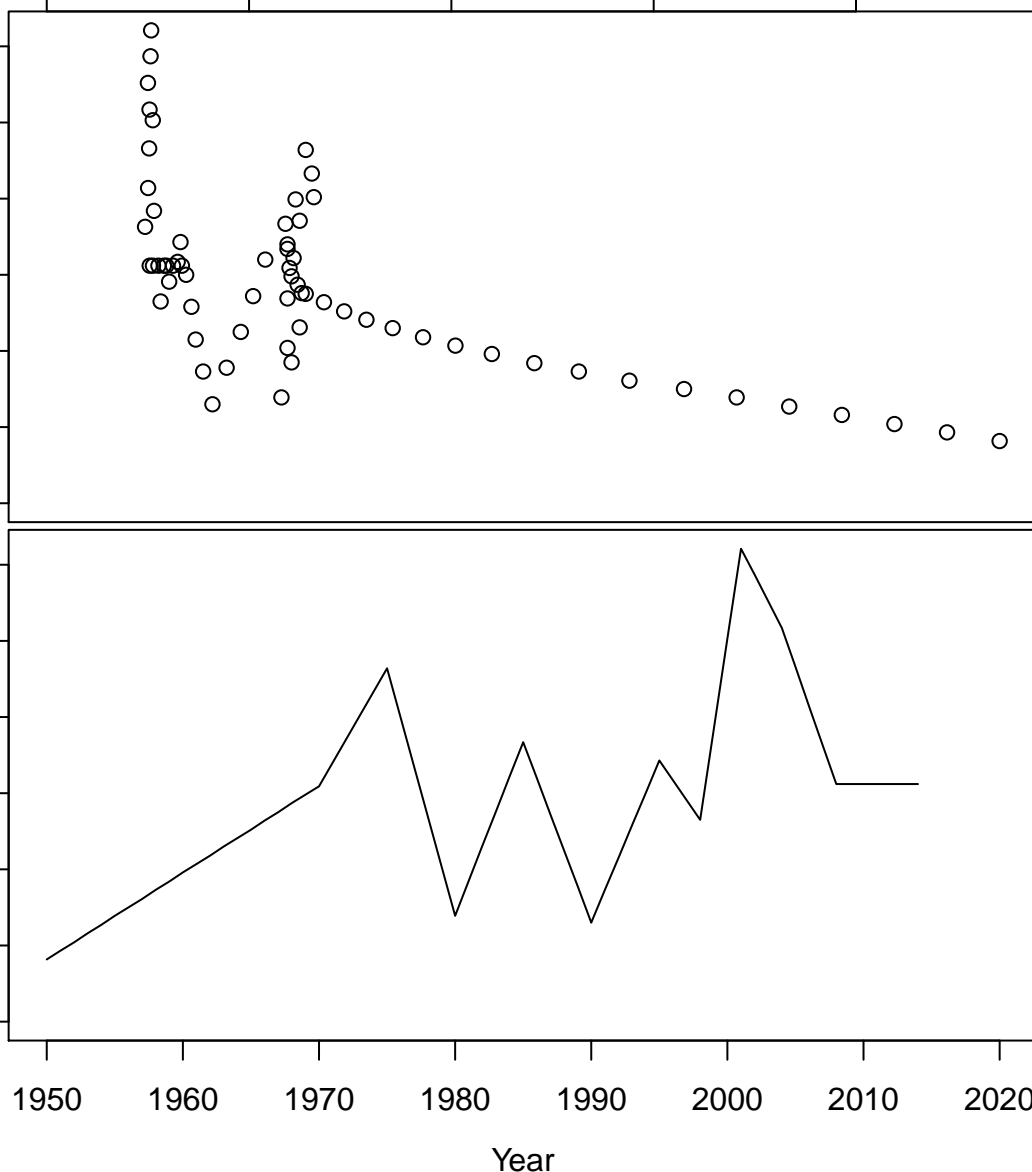
1990

2000

2010

2020

Year



CRLOBSTERSA56

Spawning biomass

0.0

0.1

0.2

0.3

0.4

4e+07

3e+07

2e+07

1e+07

0e+00

Recruitment

4e+07

3e+07

2e+07

1e+07

0e+00

1950

1960

1970

1980

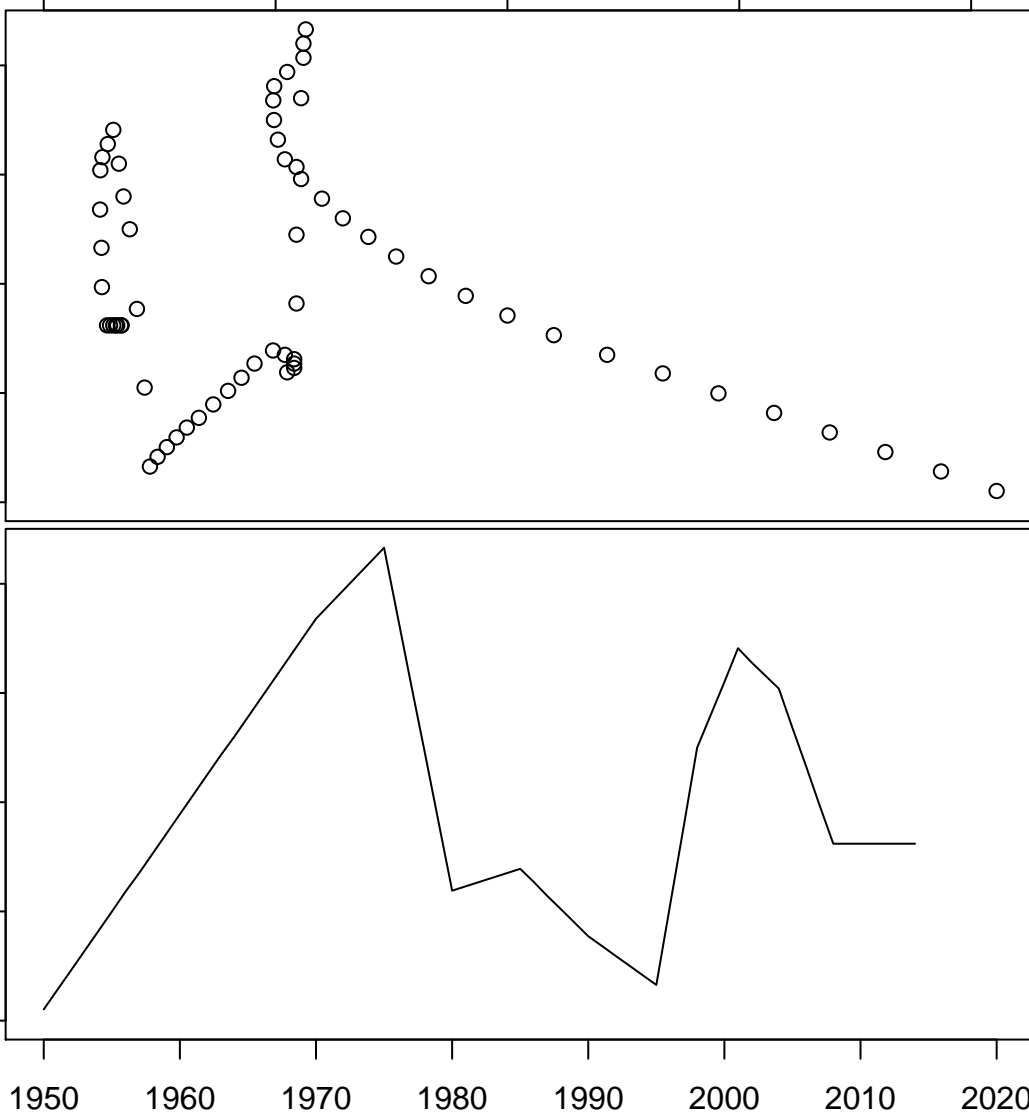
1990

2000

2010

2020

Year



CRLOBSTERSA7
Spawning biomass

0.0

0.1

0.2

0.3

0.4

Recruitment

3.0e+07

2.5e+07

2.0e+07

1.5e+07

1.0e+07

5.0e+06

0.0e+00

3.0e+07

2.5e+07

2.0e+07

1.5e+07

1.0e+07

5.0e+06

0.0e+00

1950

1960

1970

1980

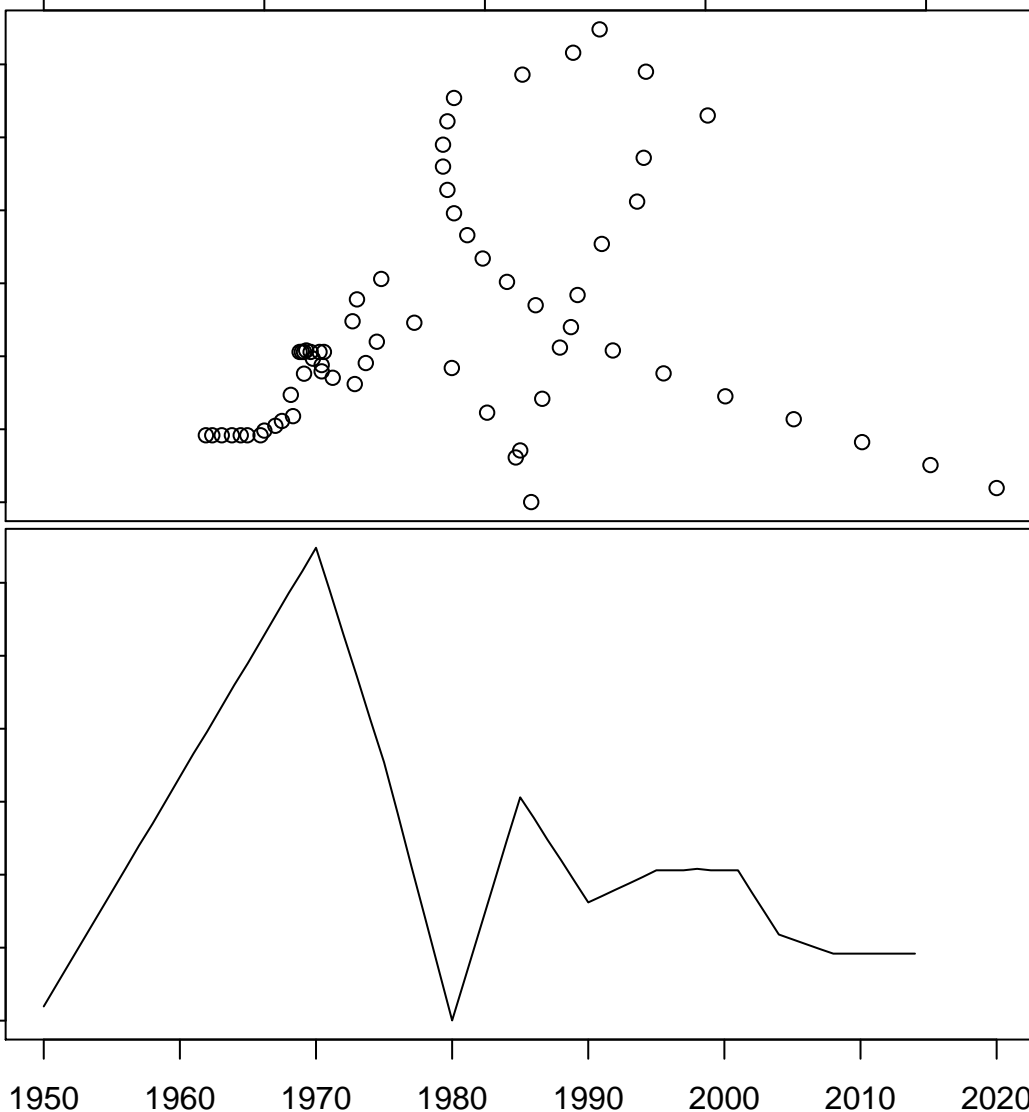
1990

2000

2010

2020

Year



CRLOBSTERSA8

Spawning biomass

0.00

0.05

0.10

0.15

0.20

4e+08

3e+08

2e+08

1e+08

0e+00

Recruitment

4e+08

3e+08

2e+08

1e+08

0e+00

1950

1960

1970

1980

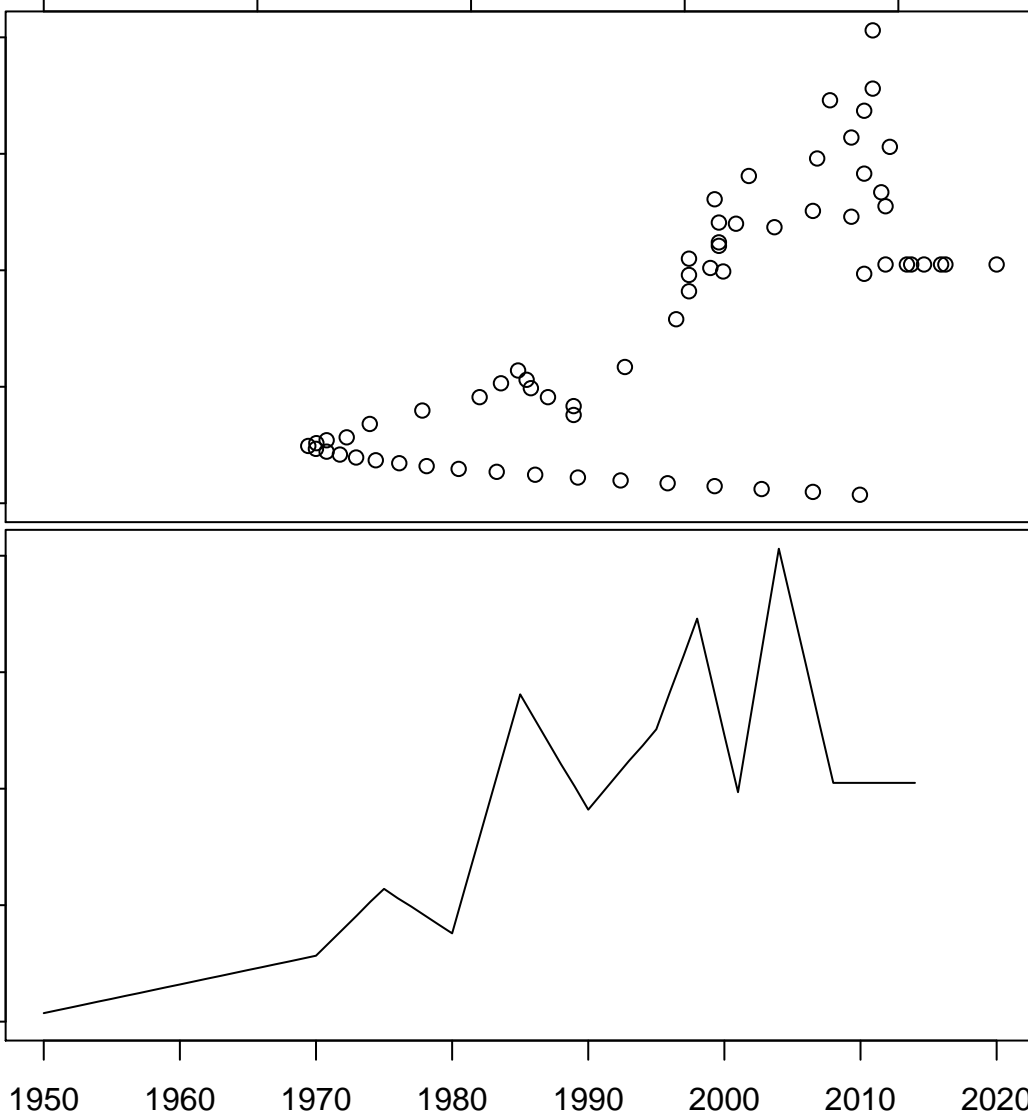
1990

2000

2010

2020

Year



GRSPROCKNCAL

Spawning biomass

0e+00

1e+11

2e+11

3e+11

4e+11

5e+11

4e+05

3e+05

2e+05

1e+05

0e+00

Recruitment

4e+05

3e+05

2e+05

1e+05

0e+00

1950

1960

1970

1980

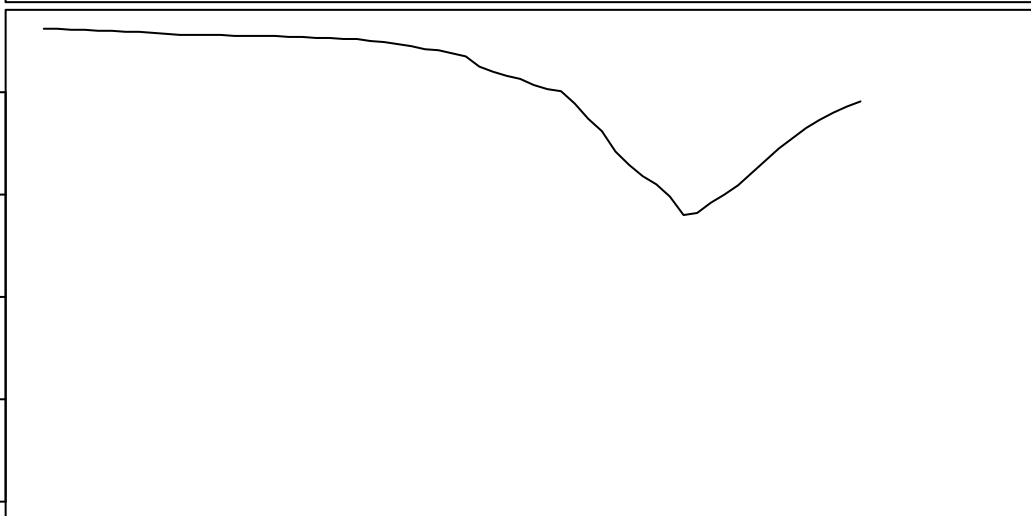
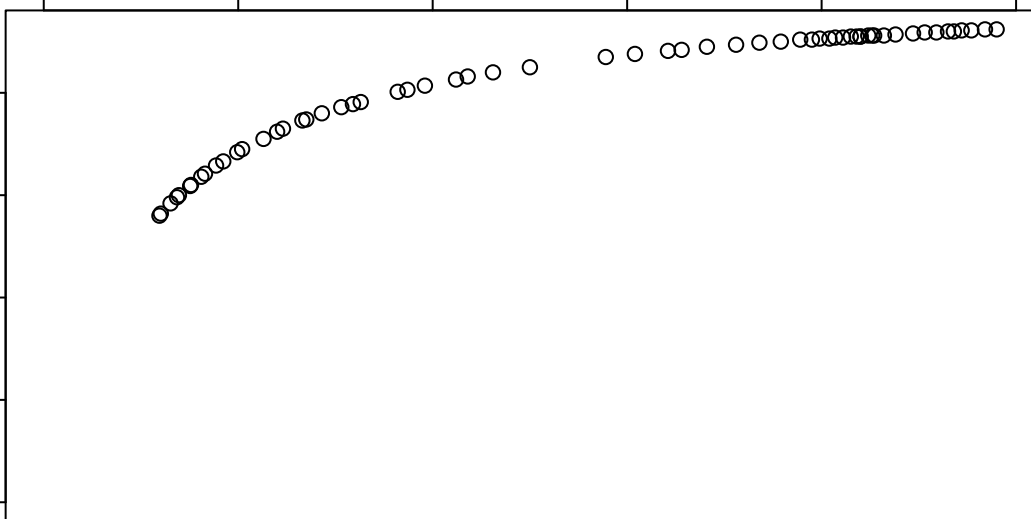
1990

2000

2010

2020

Year



GRSPROCKSCAL

Spawning biomass

0e+00 1e+11 2e+11 3e+11 4e+11 5e+11 6e+11 7e+11

Recruitment

6e+05

4e+05

2e+05

0e+00

6e+05

4e+05

2e+05

0e+00

1950

1960

1970

1980

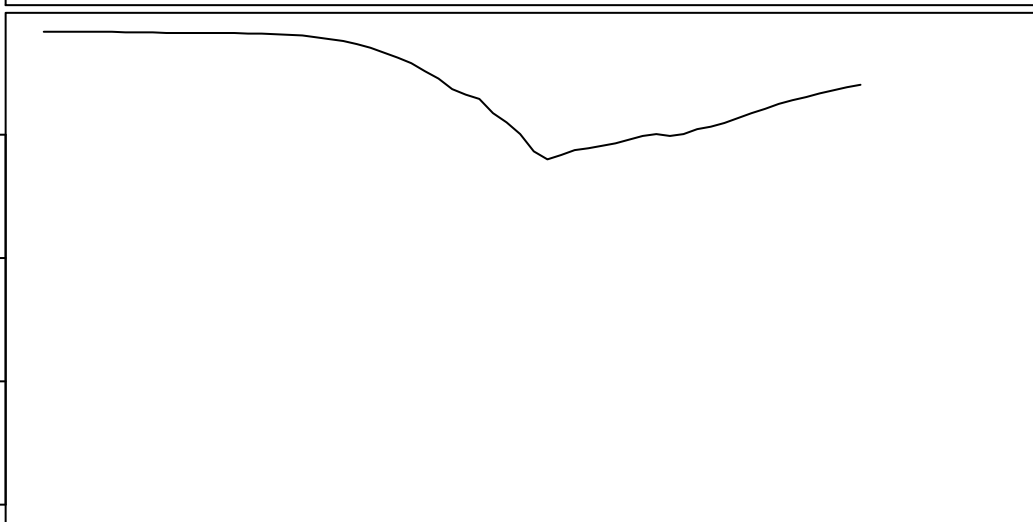
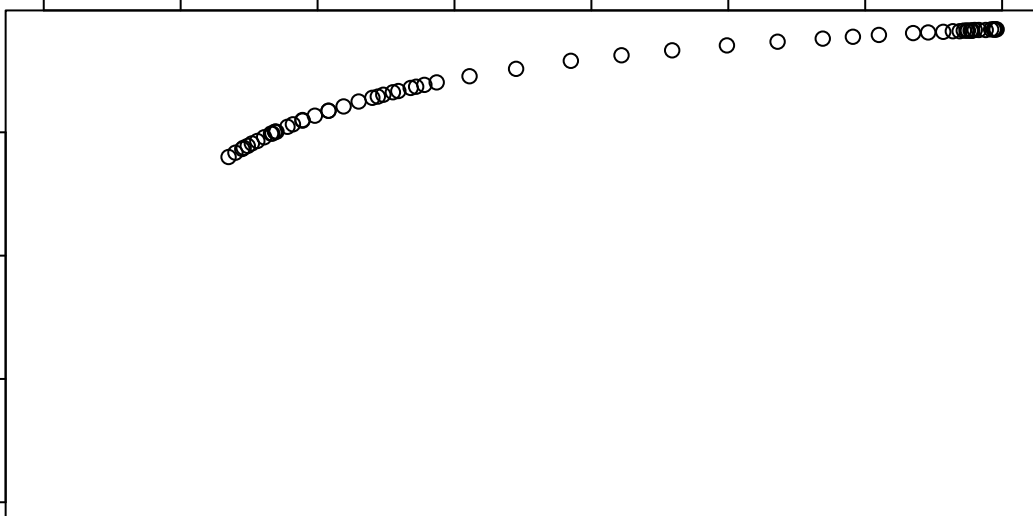
1990

2000

2010

2020

Year



OROUGHYNZMEC

Spawning biomass

0 20000 40000 60000 80000 100000 120000

Recruitment

4e+06

3e+06

2e+06

1e+06

0e+00

4e+06

3e+06

2e+06

1e+06

0e+00

1950

1960

1970

1980

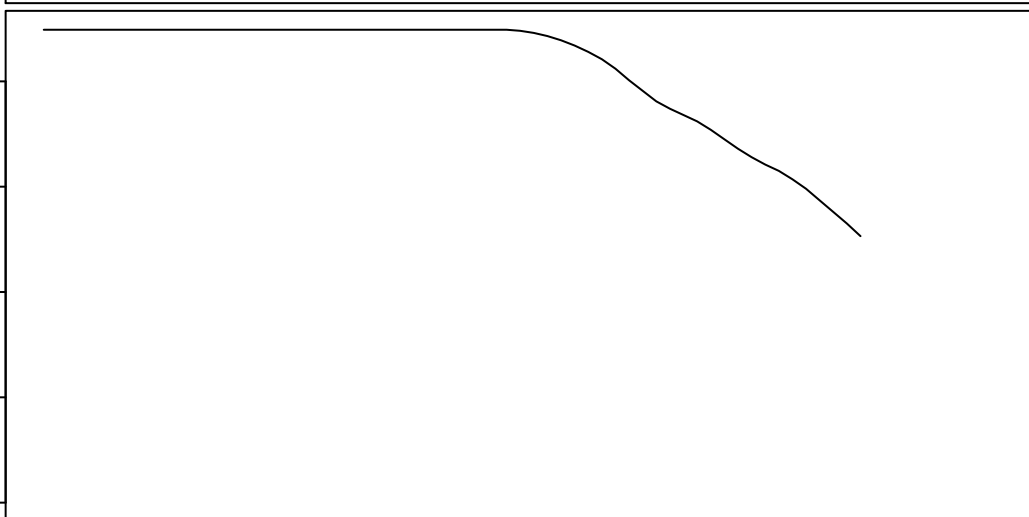
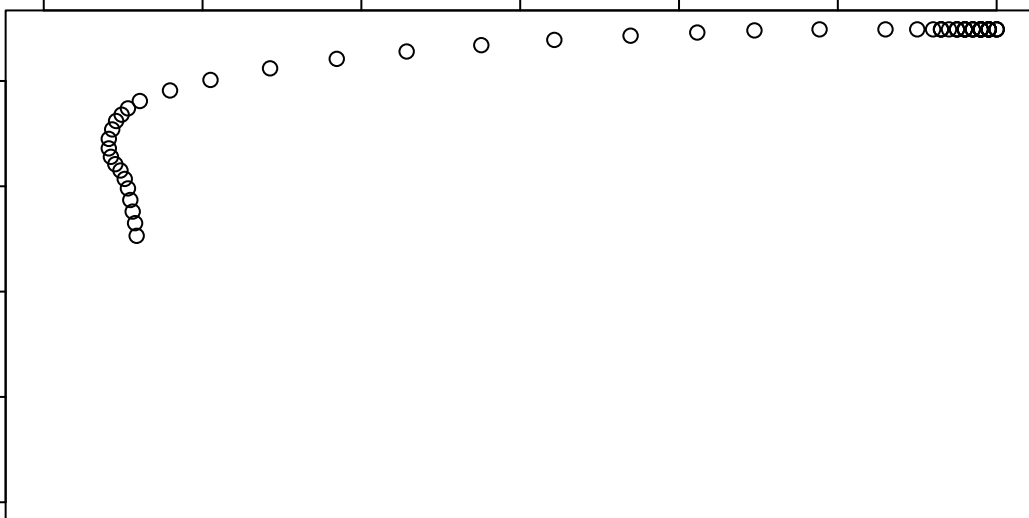
1990

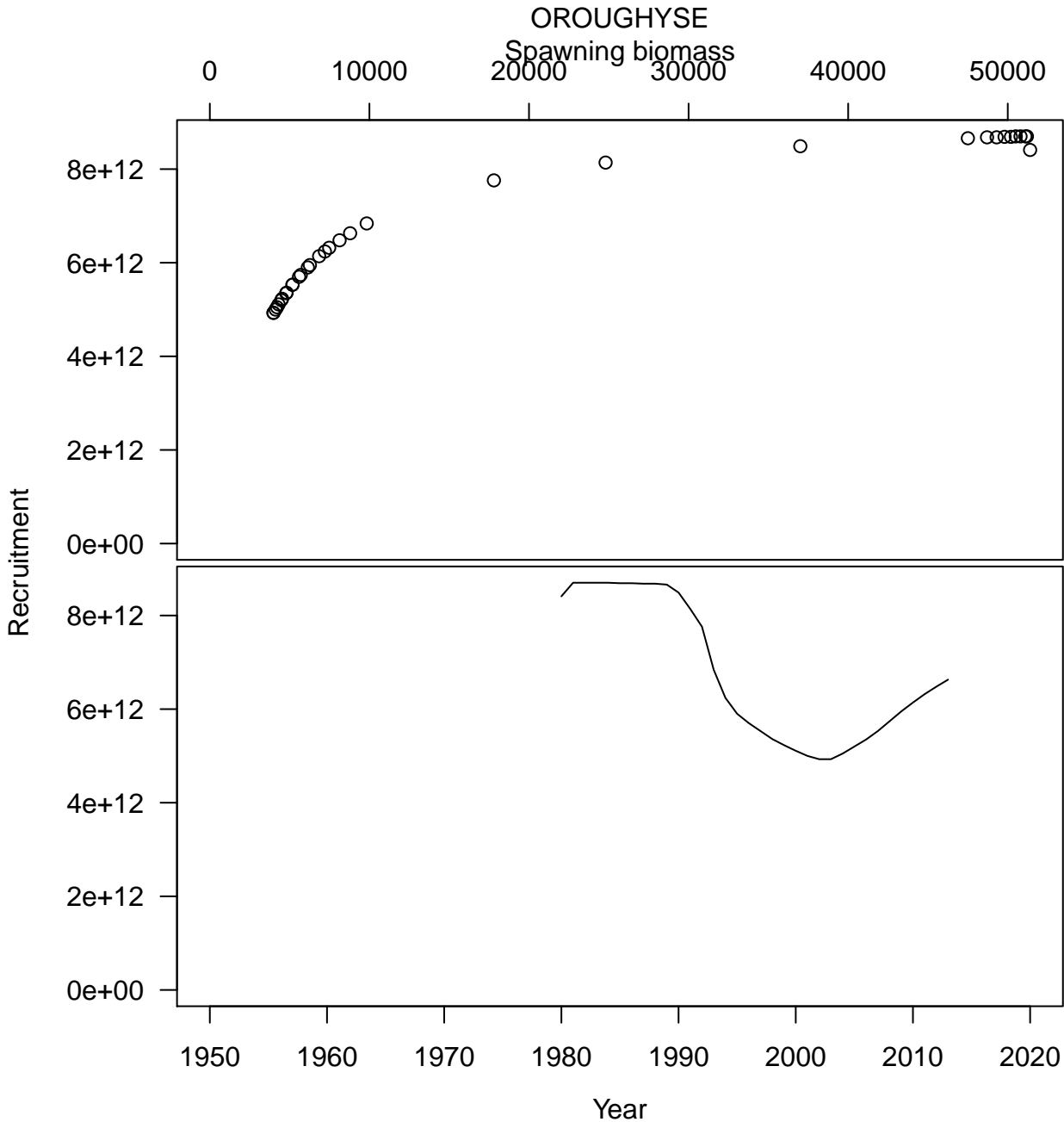
2000

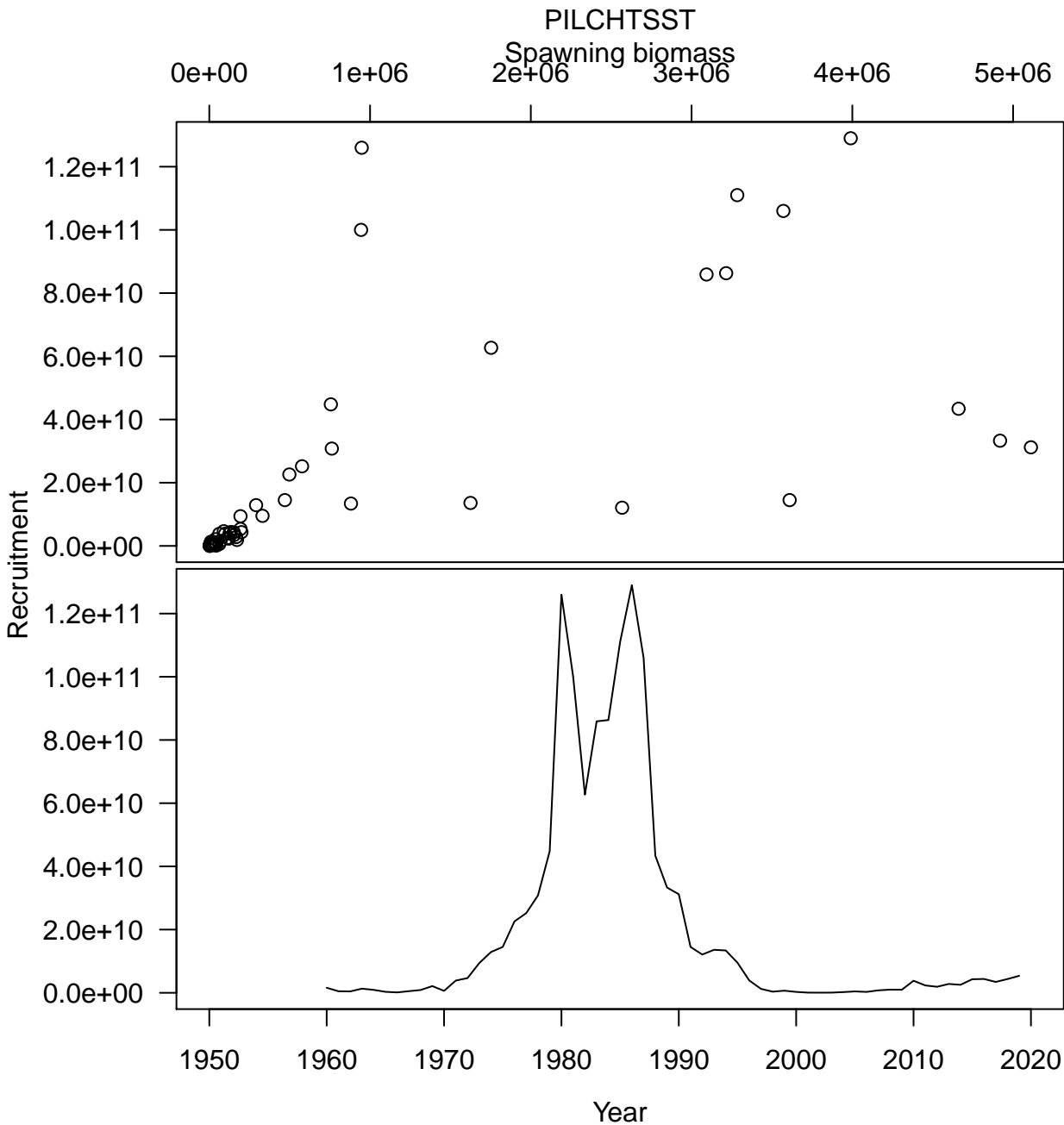
2010

2020

Year







PORSHARATL

Spawning biomass

0

20000

40000

60000

80000

1e+05

8e+04

6e+04

4e+04

2e+04

0e+00

Recruitment

1e+05

8e+04

6e+04

4e+04

2e+04

0e+00

1950

1960

1970

1980

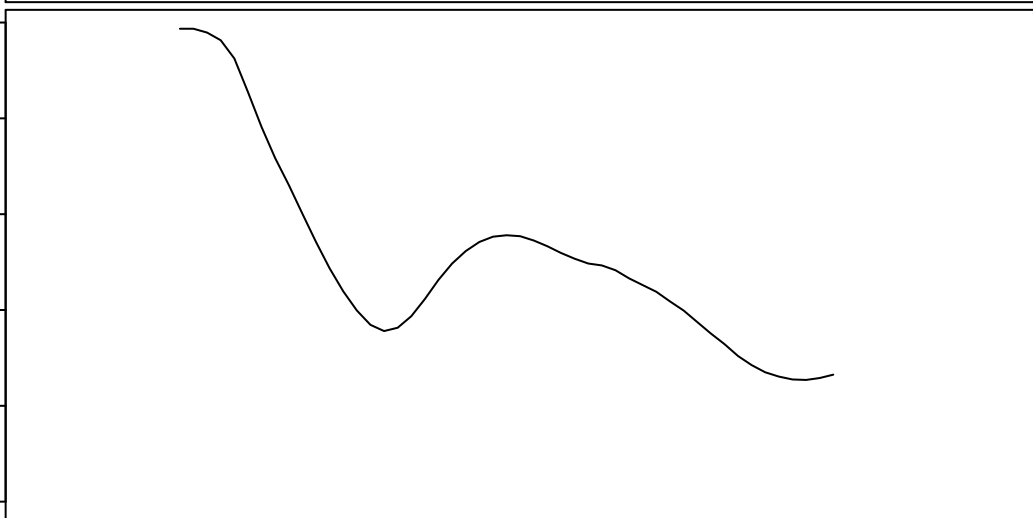
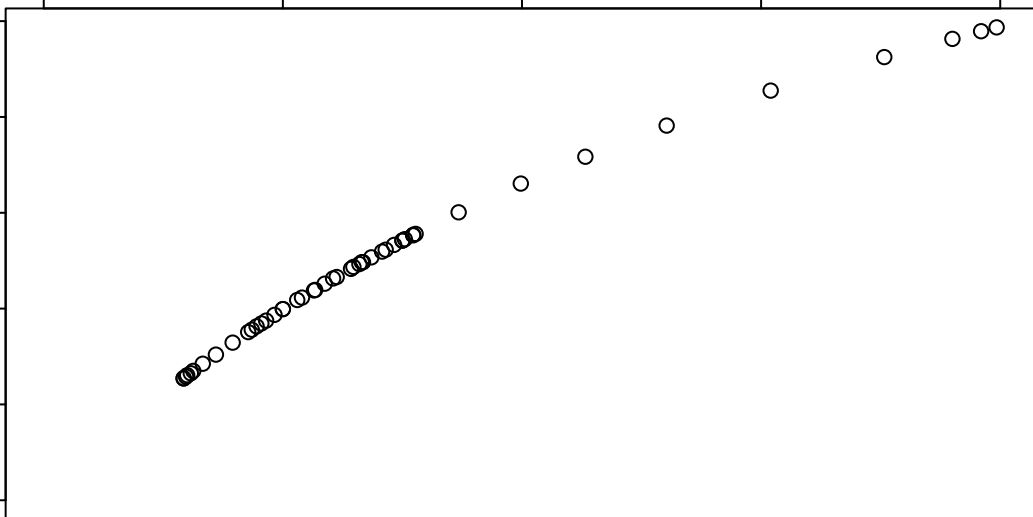
1990

2000

2010

2020

Year



SAABALONESA

Spawning biomass

0 5000 10000 15000 20000 25000 30000

1.4e+07

1.2e+07

1.0e+07

8.0e+06

6.0e+06

4.0e+06

2.0e+06

0.0e+00

Recruitment

1.4e+07

1.2e+07

1.0e+07

8.0e+06

6.0e+06

4.0e+06

2.0e+06

0.0e+00

1950

1960

1970

1980

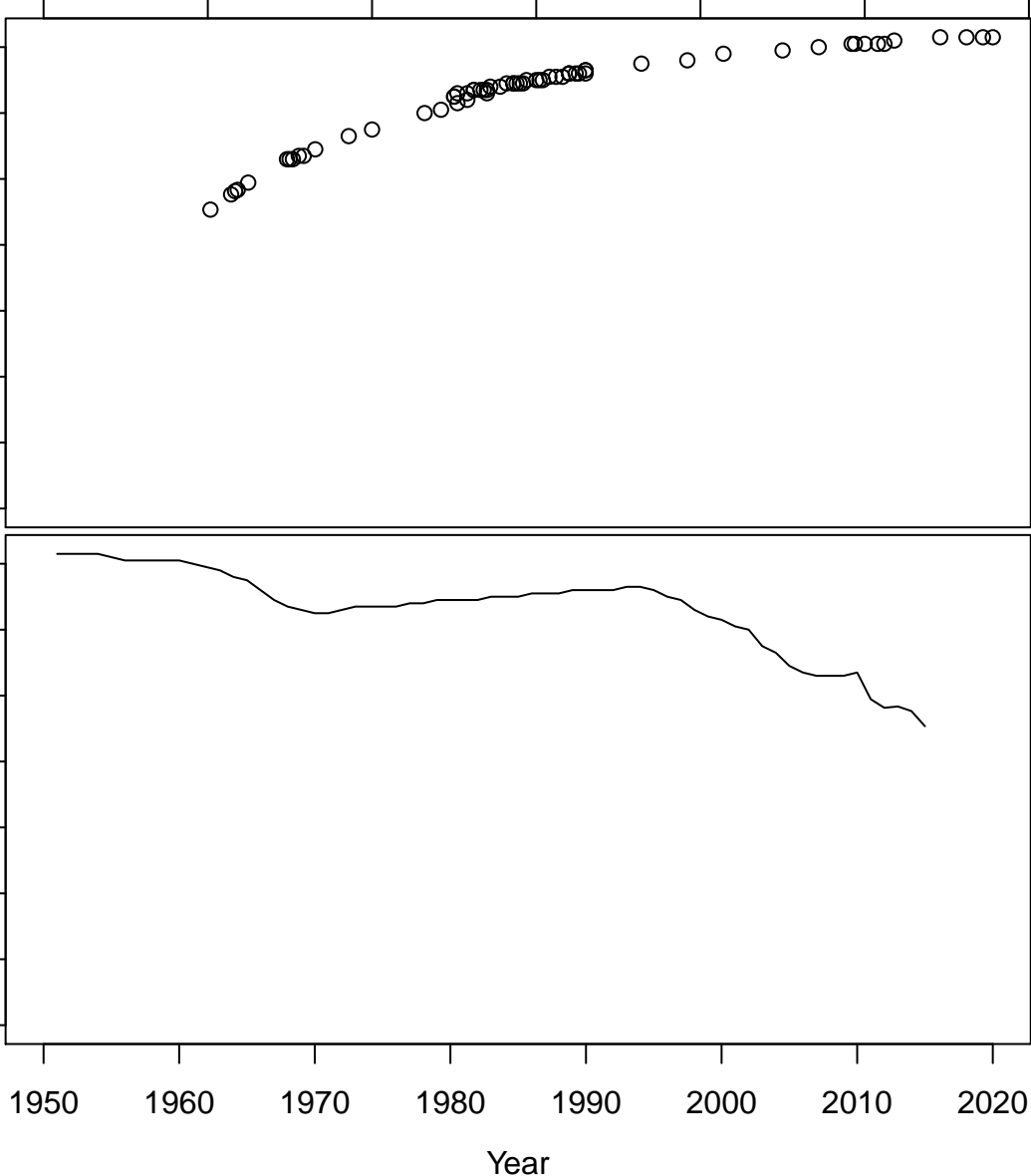
1990

2000

2010

2020

Year



SDOGBLKGS29

Spawning biomass

0

5000

10000

15000

20000

$8e+05$

$6e+05$

$4e+05$

$2e+05$

$0e+00$

Recruitment

$8e+05$

$6e+05$

$4e+05$

$2e+05$

$0e+00$

1950

1960

1970

1980

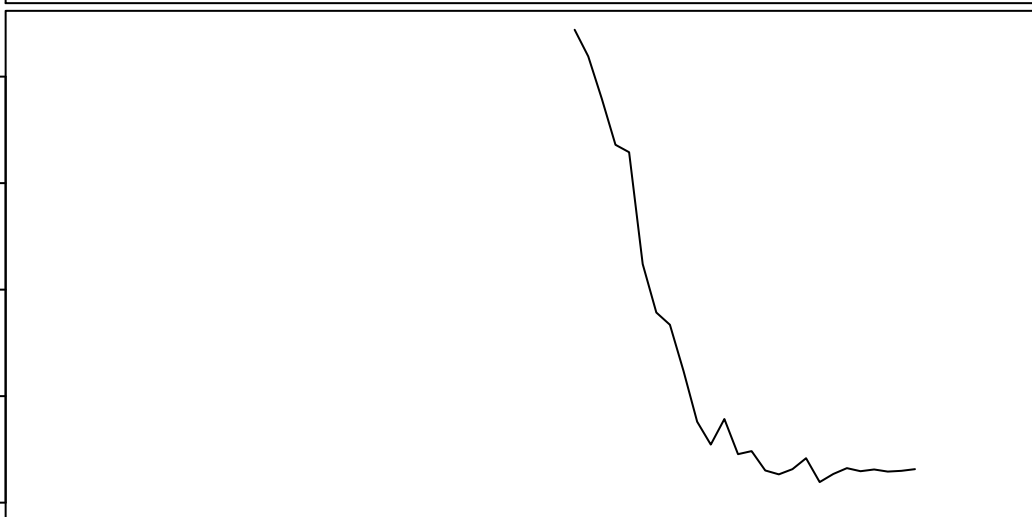
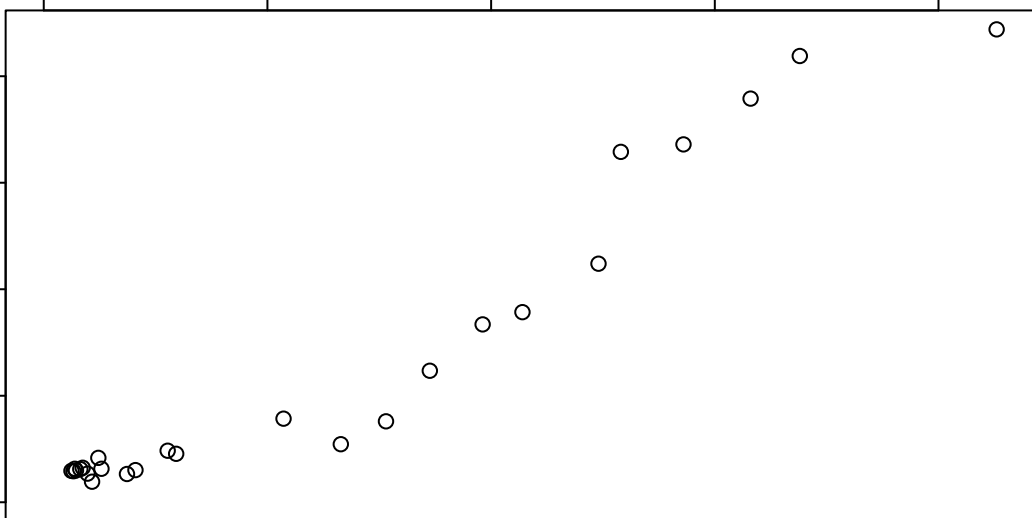
1990

2000

2010

2020

Year



SMOOTHOREOBP

Spawning biomass

0

5000

10000

15000

3000000

2500000

2000000

1500000

1000000

500000

0

Recruitment

3000000

2500000

2000000

1500000

1000000

500000

0

1950

1960

1970

1980

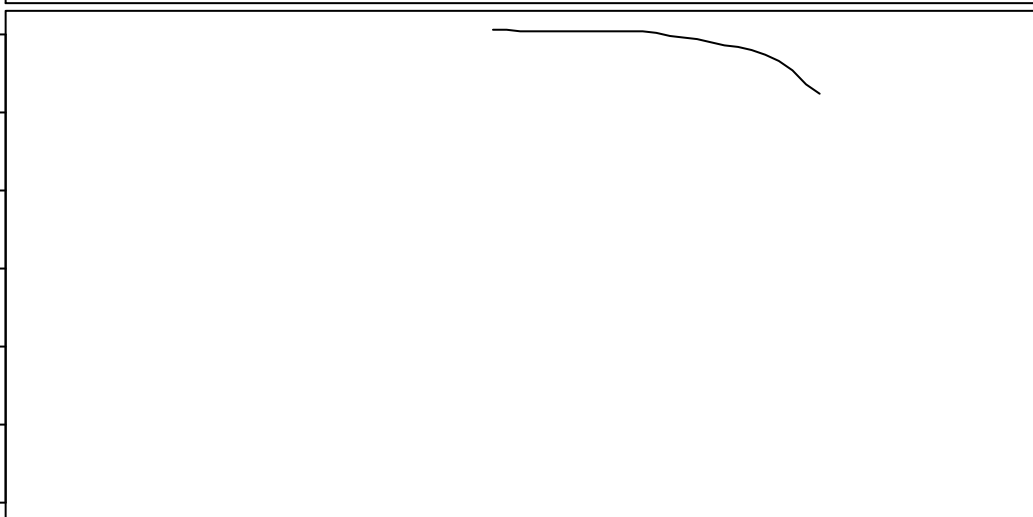
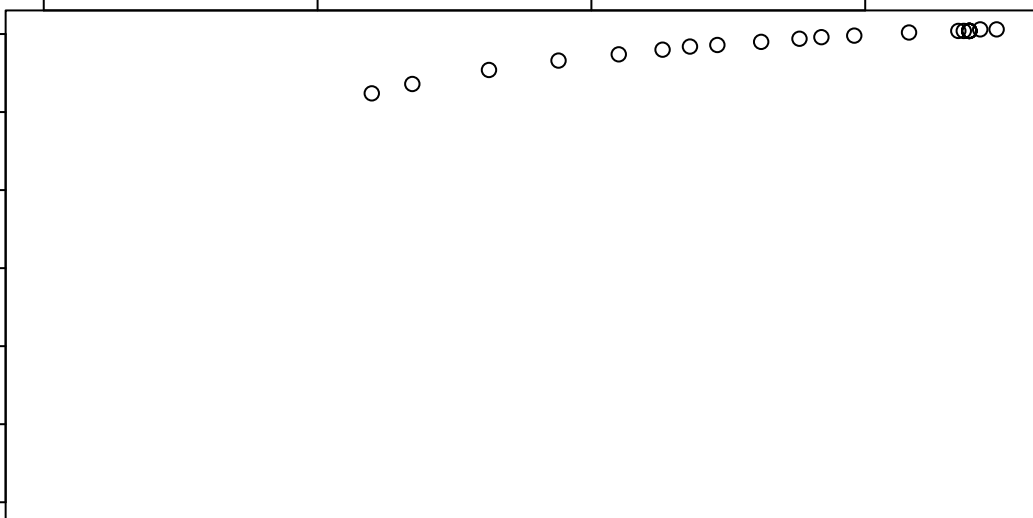
1990

2000

2010

2020

Year



SMOOTHOREOEPR

Spawning biomass

0

5000

10000

15000

Recruitment

2000000

1500000

1000000

500000

0

2000000

1500000

1000000

500000

0

1950

1960

1970

1980

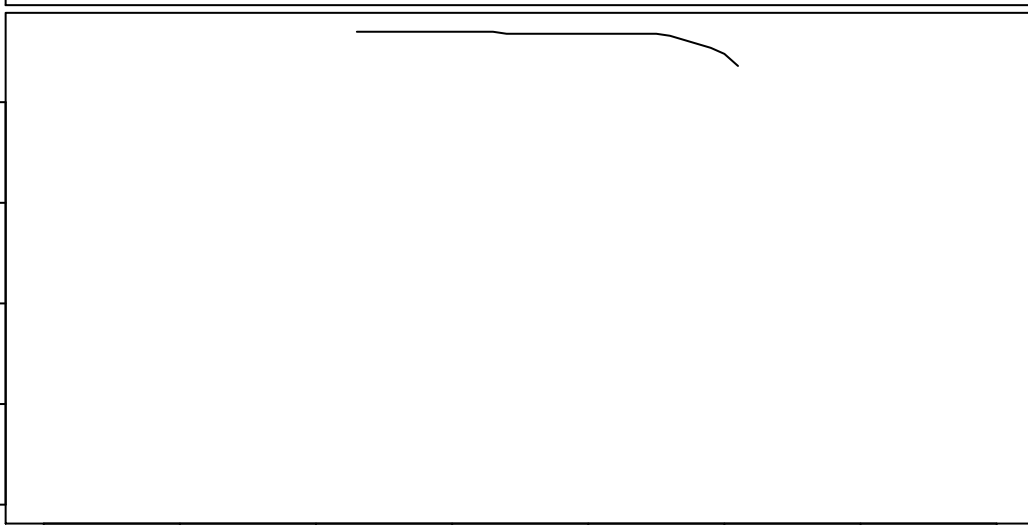
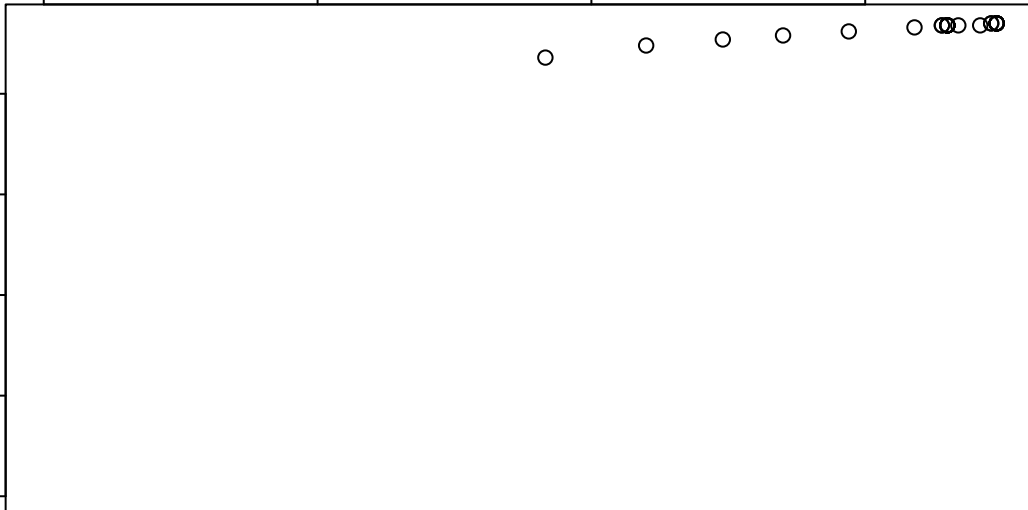
1990

2000

2010

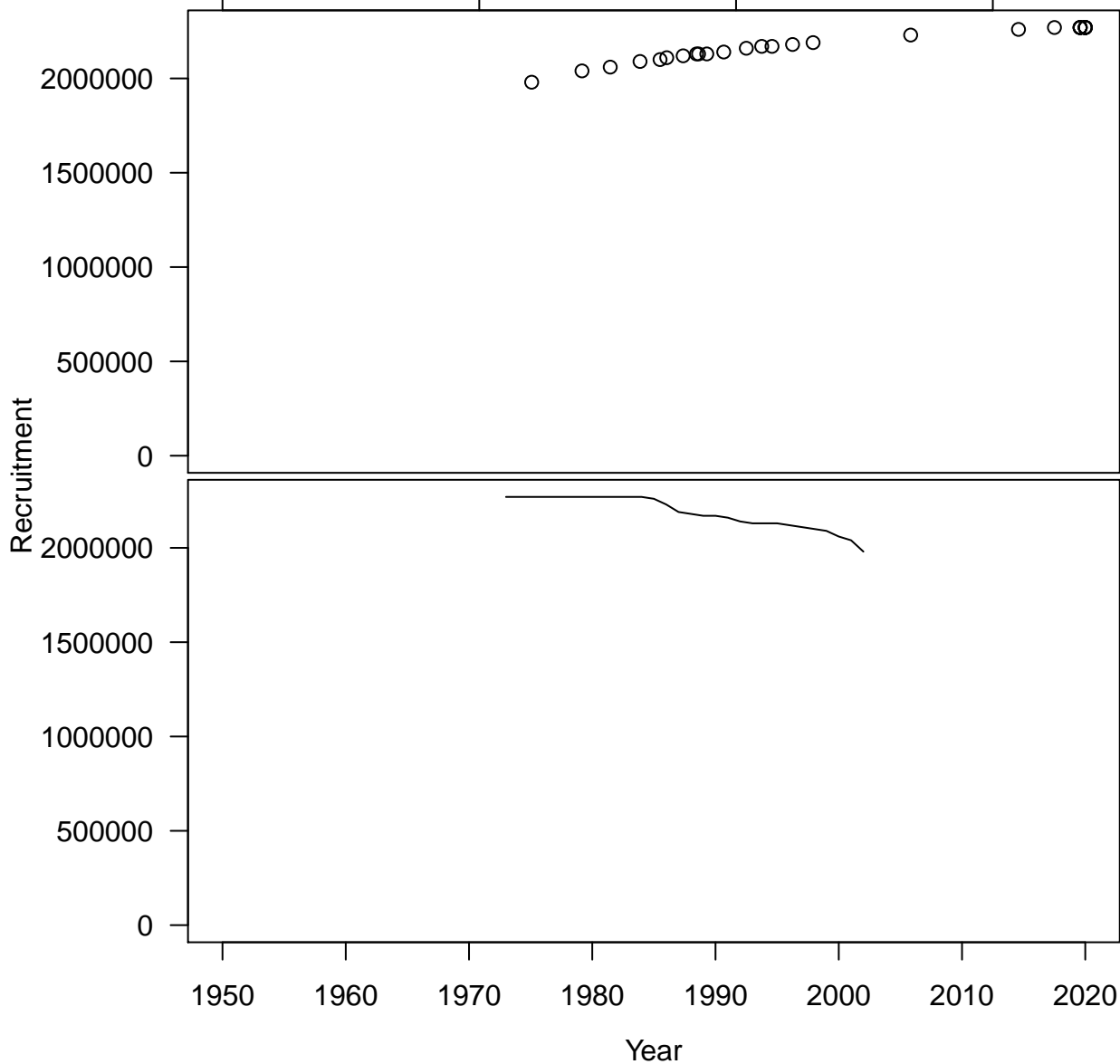
2020

Year



SMOOTHOREOSLD

Spawning biomass



SMOOTHOREOWECR

Spawning biomass

0

20000

40000

60000

80000

1.2e+07

1.0e+07

8.0e+06

6.0e+06

4.0e+06

2.0e+06

0.0e+00

Recruitment

1.2e+07

1.0e+07

8.0e+06

6.0e+06

4.0e+06

2.0e+06

0.0e+00

1950

1960

1970

1980

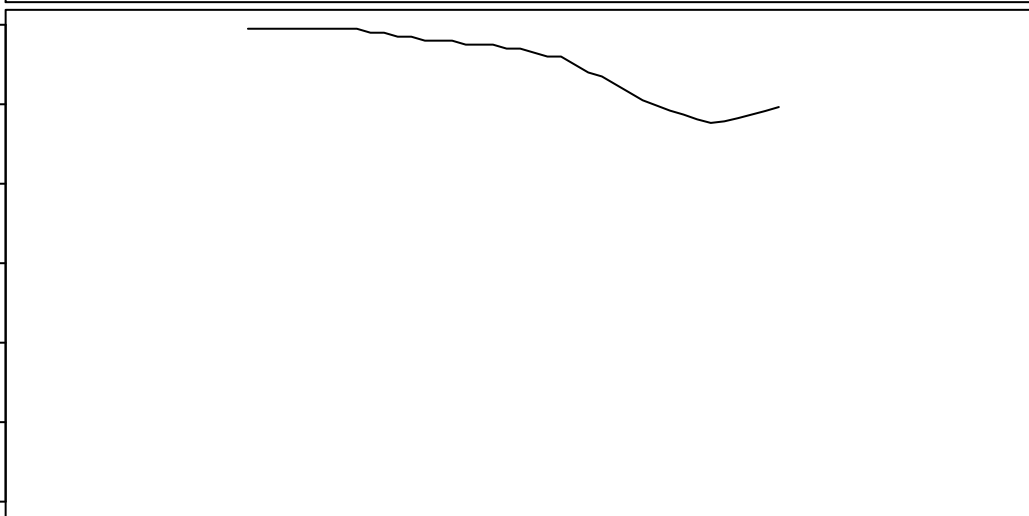
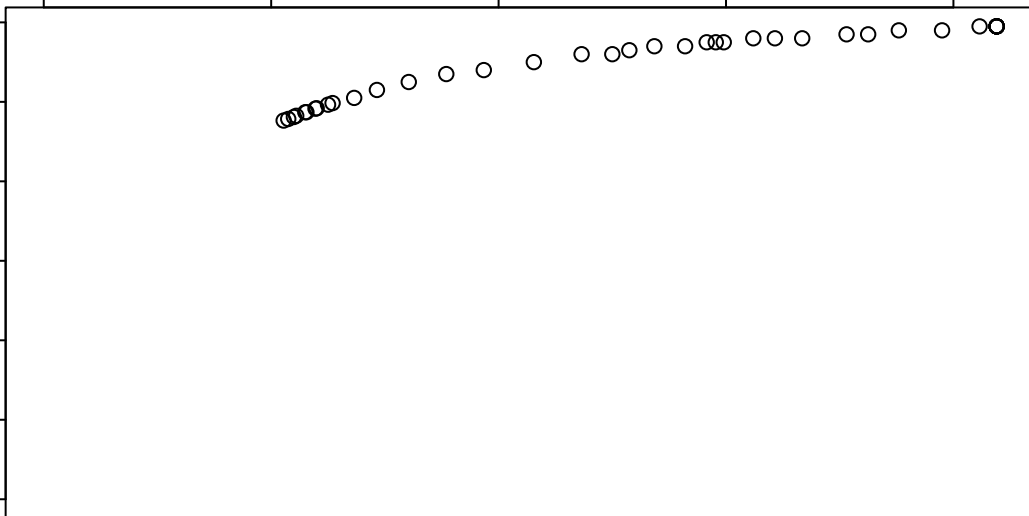
1990

2000

2010

2020

Year



SPSDOGPCOAST

Spawning biomass

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

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

1950

1960

1970

1980

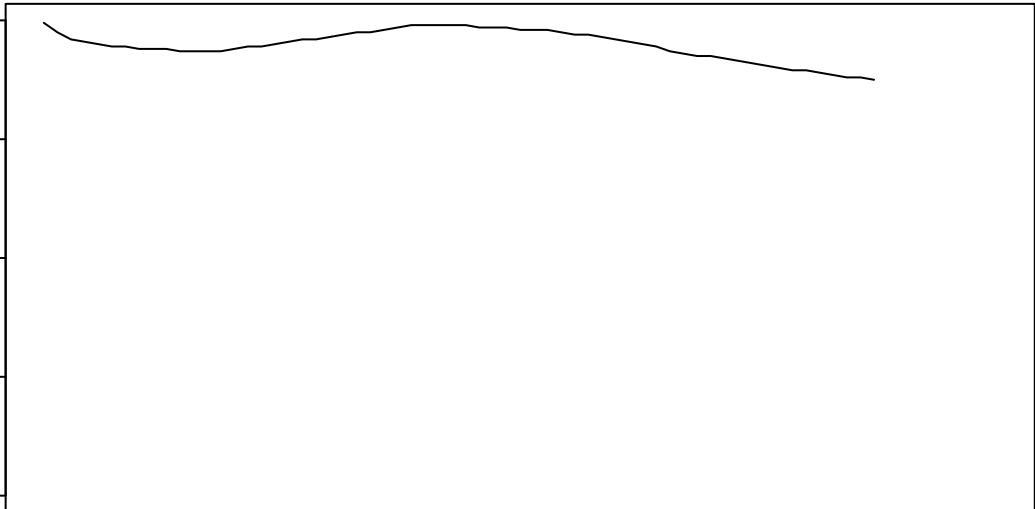
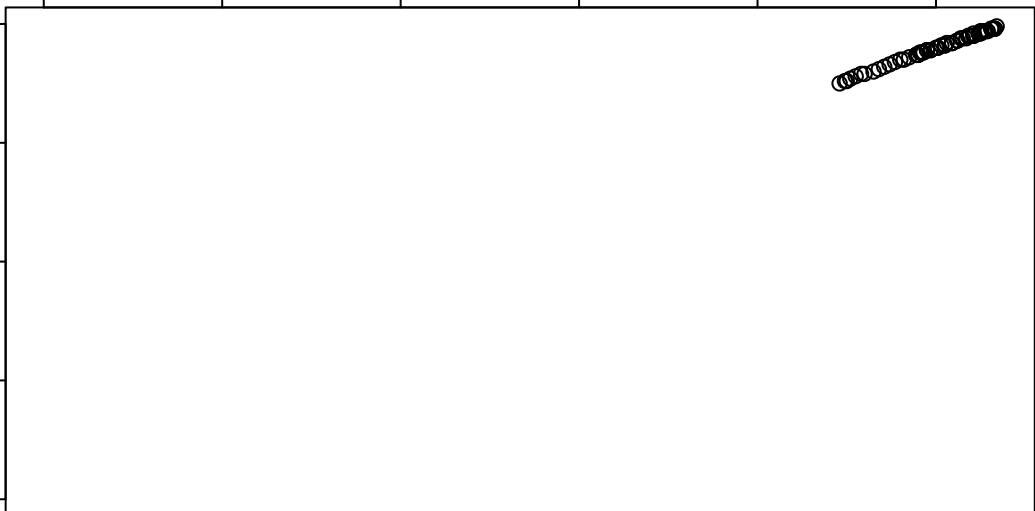
1990

2000

2010

2020

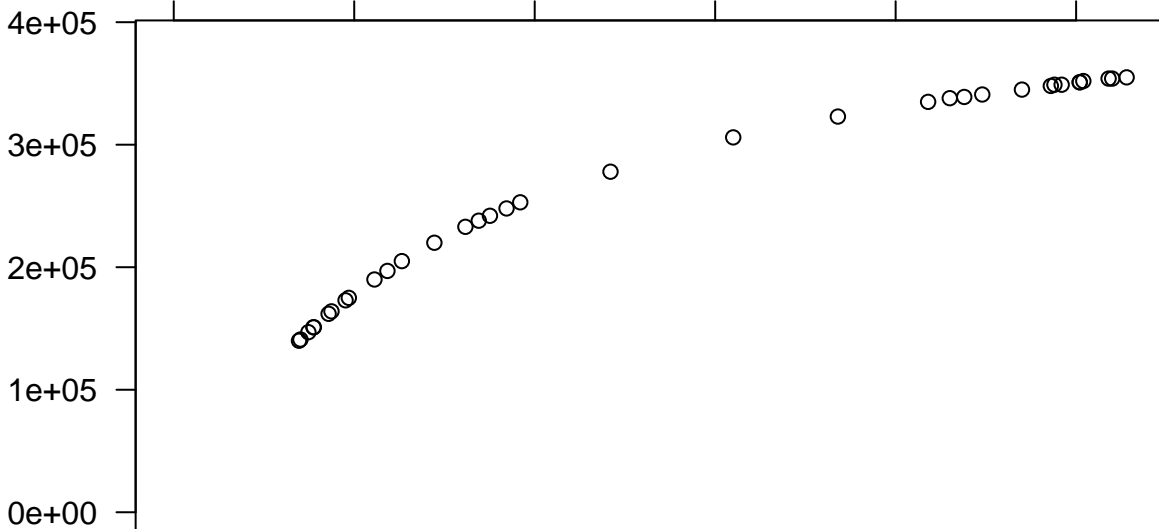
Year



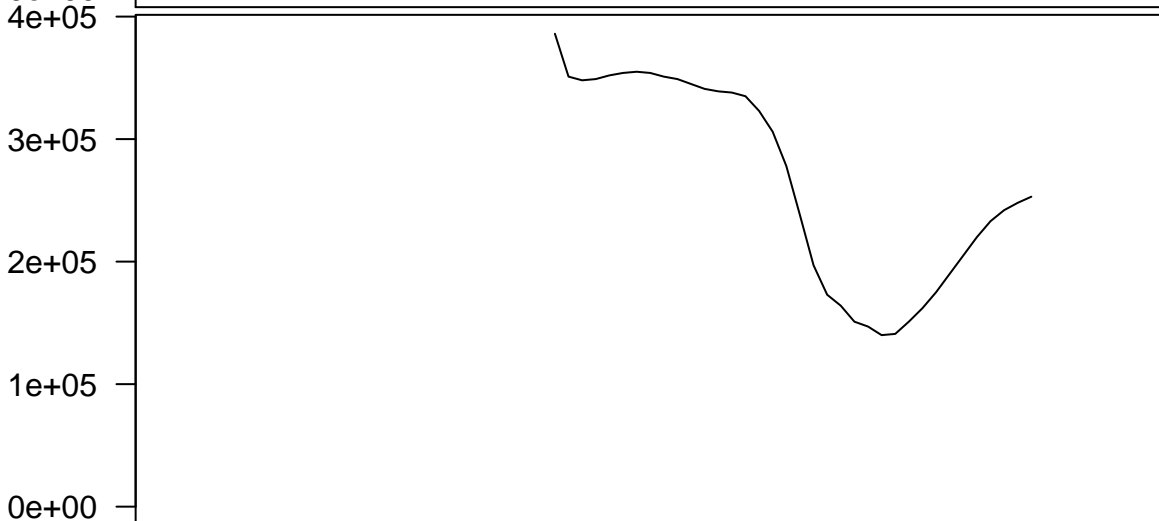
YNOSESKACSCH

Spawning biomass

0 500 1000 1500 2000 2500



Recruitment



Year

1950 1960 1970 1980 1990 2000 2010 2020

YNOSESKASCH
Spawning biomass

