The **scape** gallery

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scape, n. *A view of scenery of any kind, whether consisting of land, water, cloud, or anything else.*

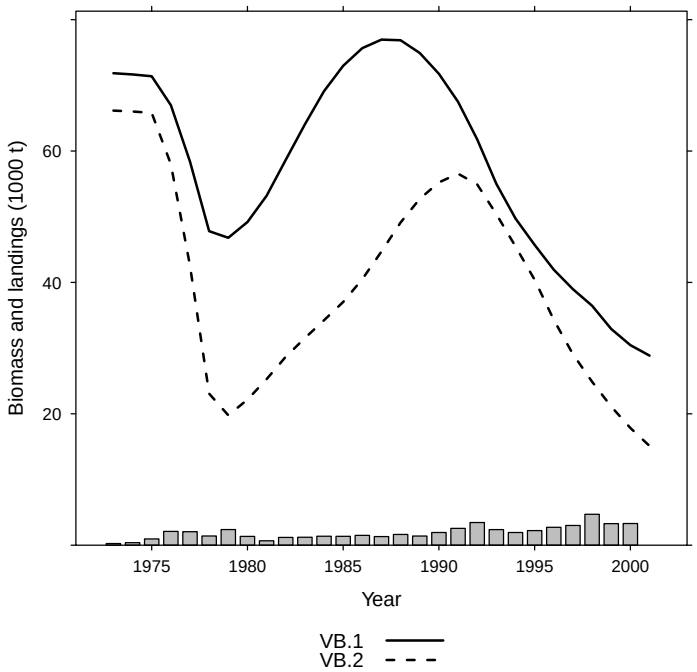
—Oxford English Dictionary

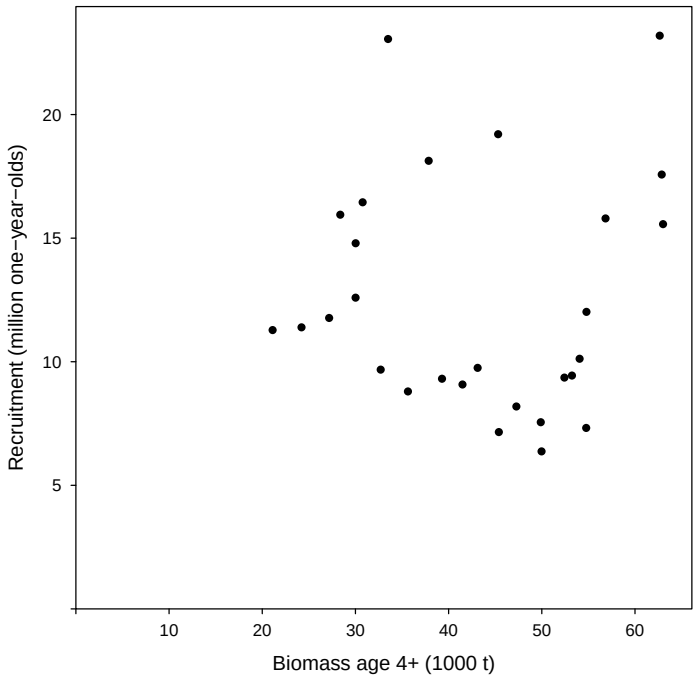
1 Overview

This vignette is only a series of plots, demonstrating how the **scape** plot examples look in a PDF document, as opposed to the default graphics device. Useful for package maintenance and as a visual overview of the package.

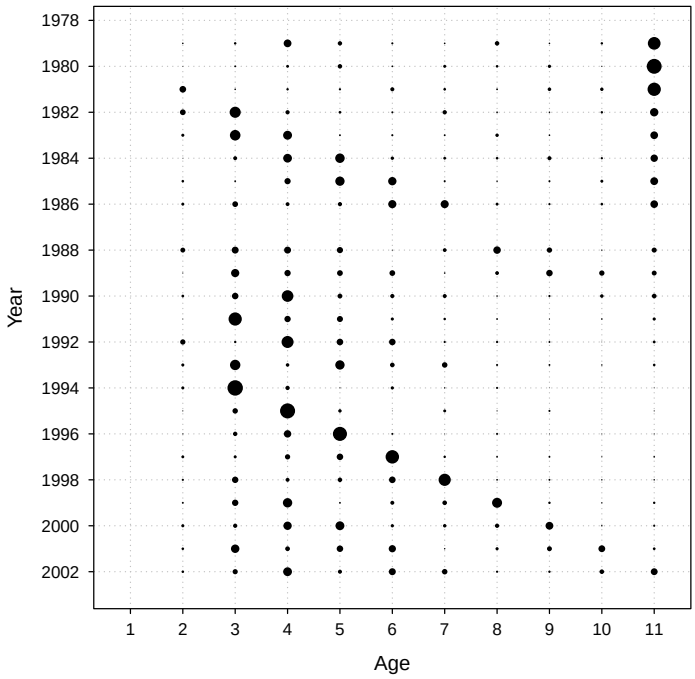
A general introduction to the **scape** and **plotMCMC** packages is in the vignette R goes fishing.

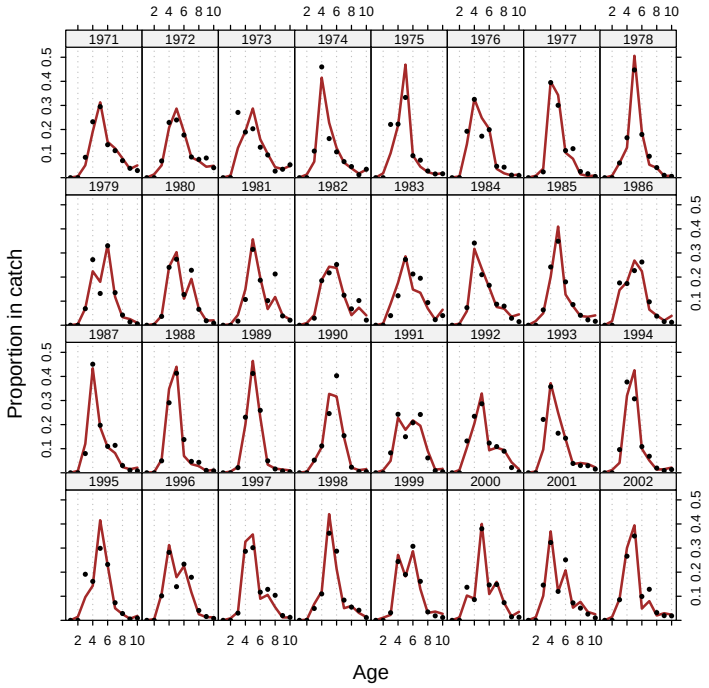
2 plotB

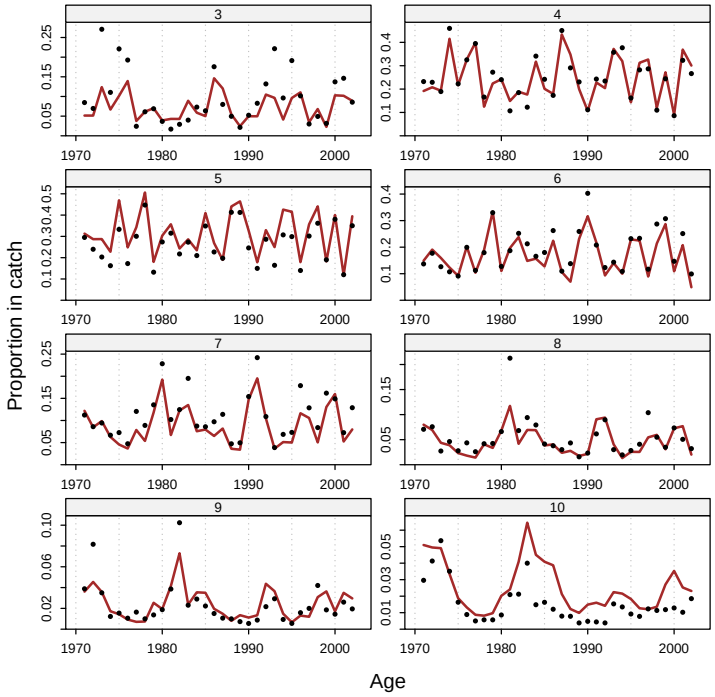

Biomass and landings (1000 t)
20
40
60
1975
1980
1985
1990
1995
2000
Year
VB.1
VB.2

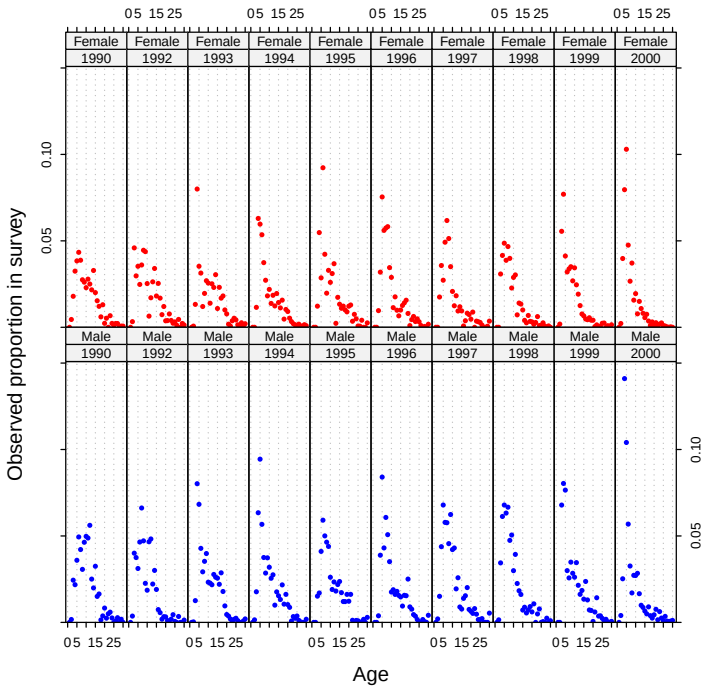

Recruitment (million one−year−olds)
5
10
15
20
10
20
30
40
50
60
Biomass age 4+ (1000 t)

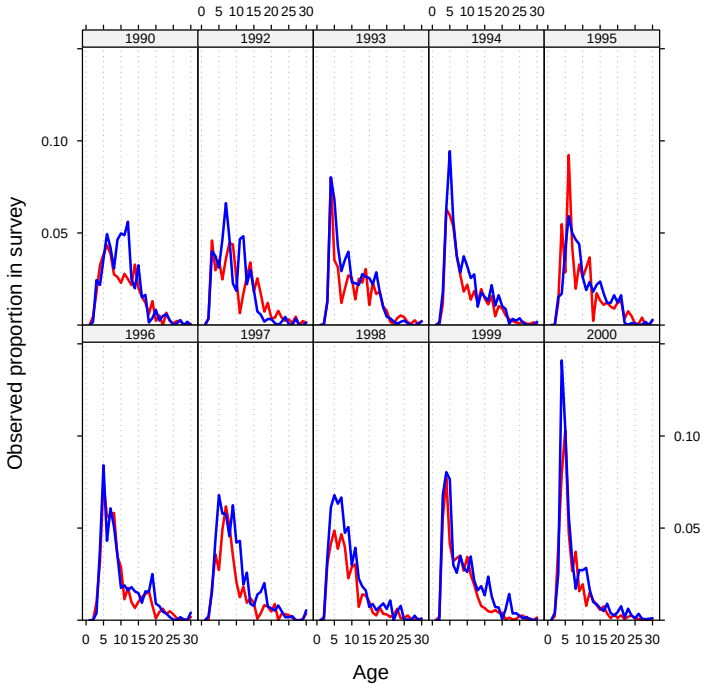
3 plotCA

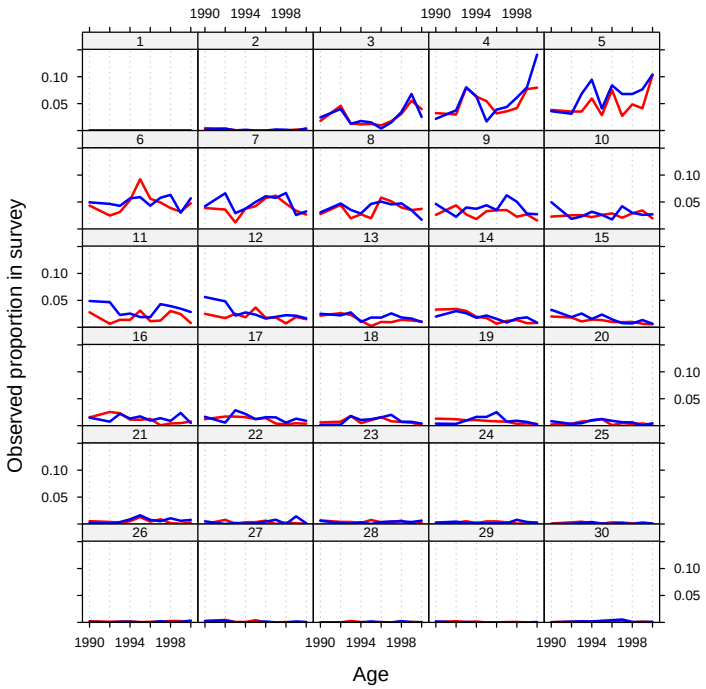

Year
1978
1980
1982
1984
1986
1988
1990
1992
1994
1996
1998
2000
2002
1 2 3 4 5 6 7 8 9 10 11
Age


Proportion in catch
1971 1972 1973 1974 1975 1976 1977 1978
1979 1980 1981 1982 1983 1984 1985 1986
1987 1988 1989 1990 1991 1992 1993 1994
1995 1996 1997 1998 1999 2000 2001 2002
2 4 6 8 10
0.1 0.2 0.3 0.4 0.5
Age

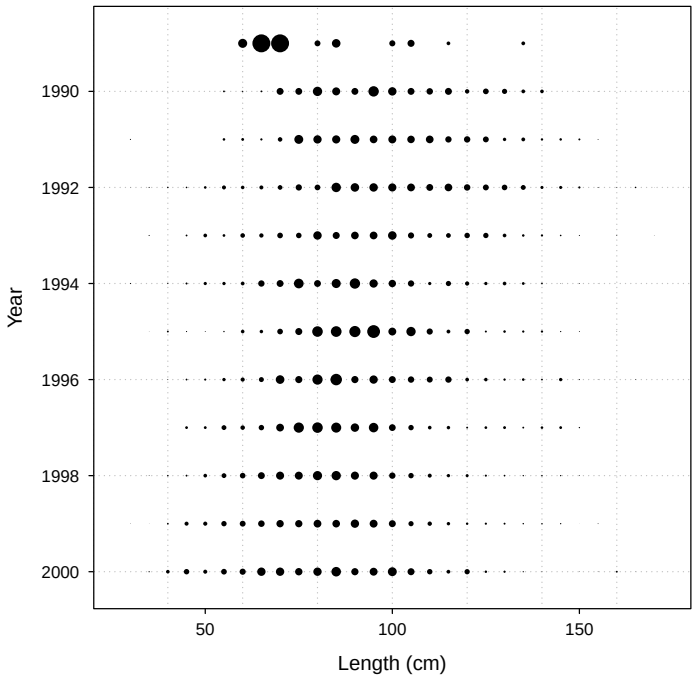

Proportion in catch
3
4
5
6
7
8
9
10
1970
1980
1990
2000
Age

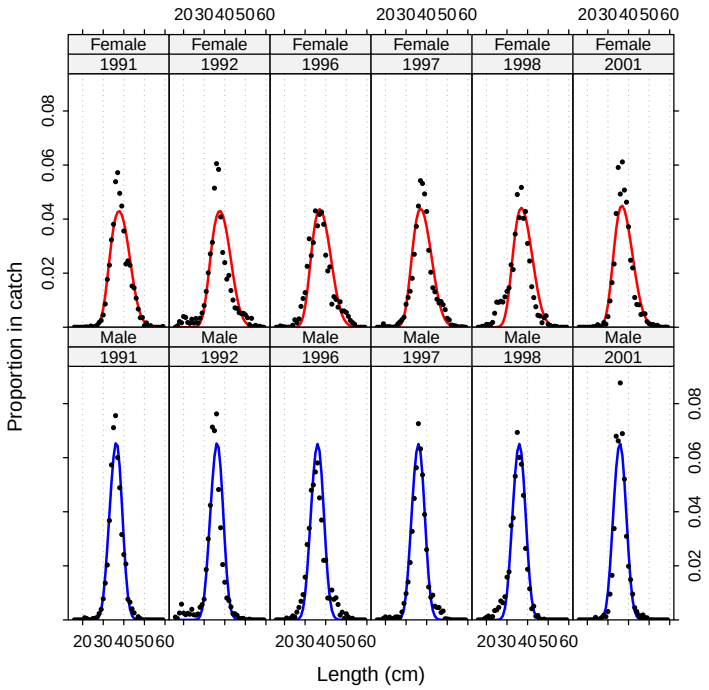

Observed proportion in survey
Female
Male
1990
1992
1993
1994
1995
1996
1997
1998
1999
2000
0.05
0.10
Age

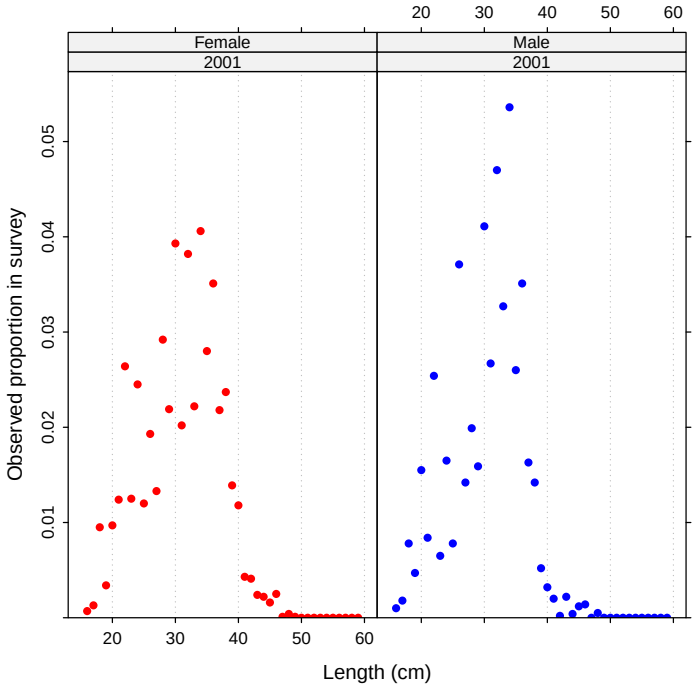

Observed proportion in survey
Age
1990
1992
1993
1994
1995
1996
1997
1998
1999
2000
0.10
0.05
0 5 10 15 20 25 30

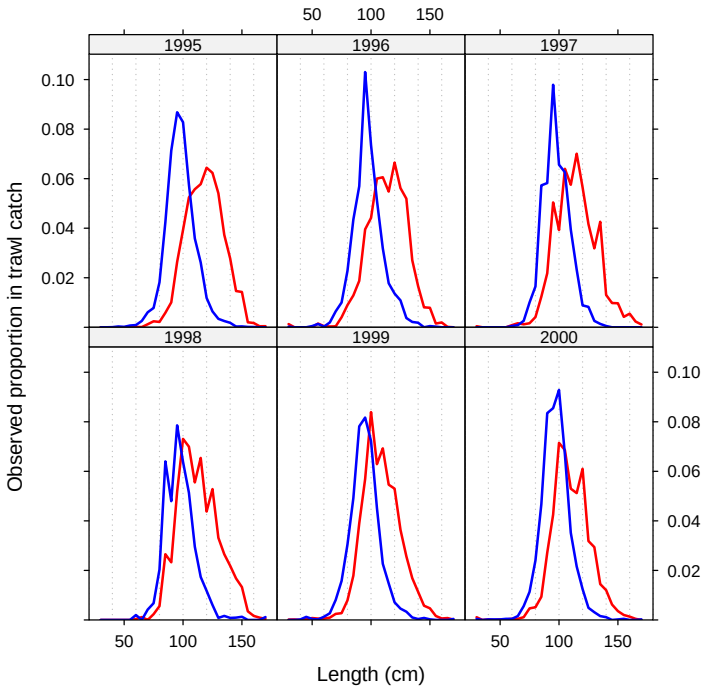

Observed proportion in survey
Age
1 2 3 4 5
6 7 8 9 10
11 12 13 14 15
16 17 18 19 20
21 22 23 24 25
26 27 28 29 30
0.10
0.05
1990 1994 1998

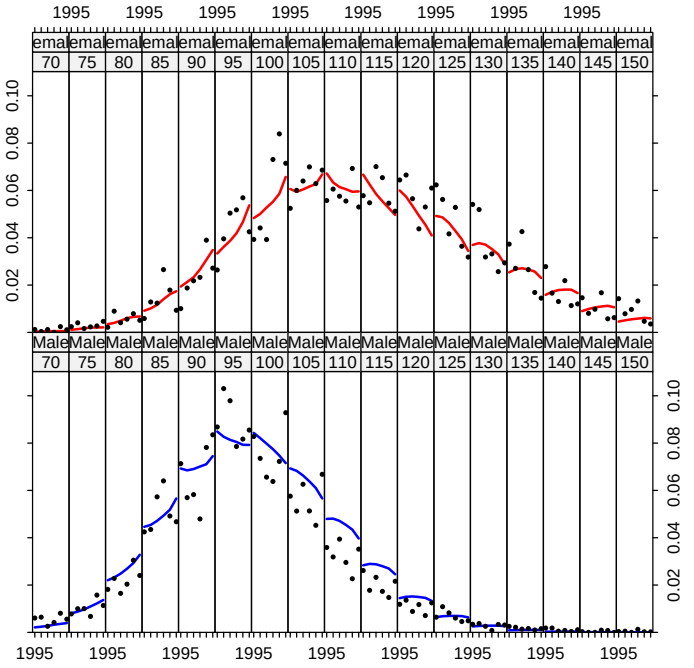
4 plotCL


1990
1992
1994
1996
1998
2000
Year
50
100
150
Length (cm)

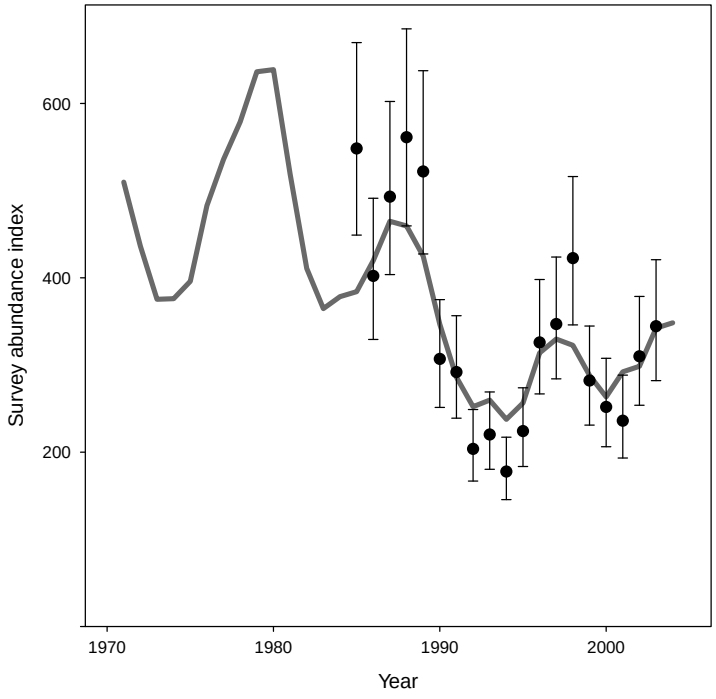

Female
1991
1992
1996
1997
1998
2001
Male
0.02
0.04
0.06
0.08
Proportion in catch
20 30 40 50 60
Length (cm)

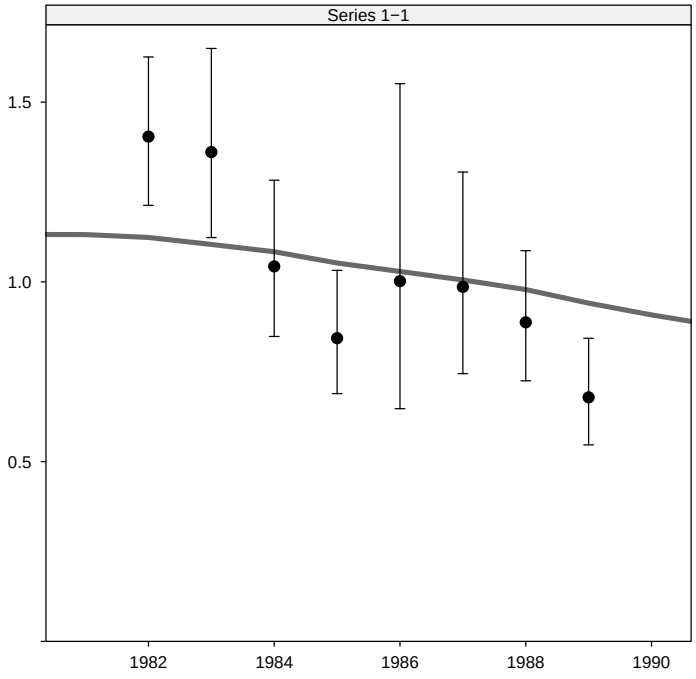

Female
2001
Male
2001
Observed proportion in survey
Length (cm)

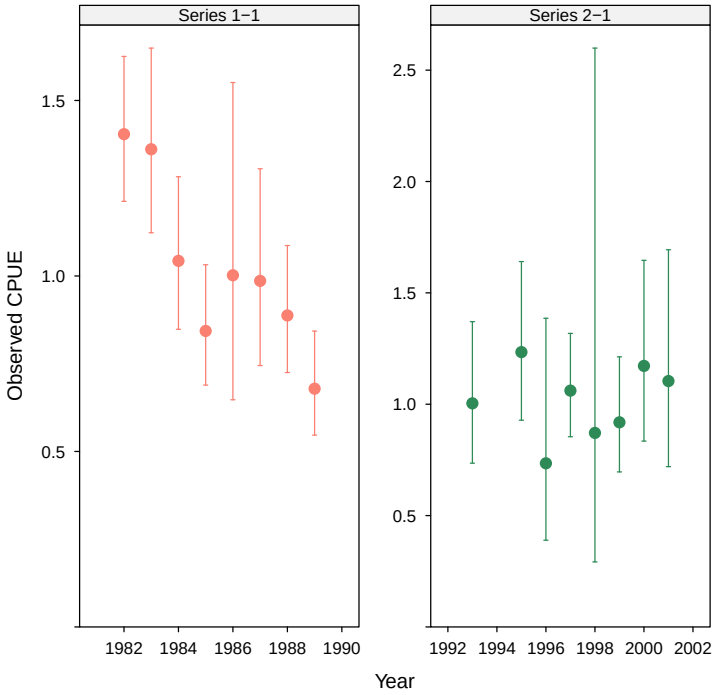

1995
1996
1997
1998
1999
2000
Observed proportion in trawl catch
Length (cm)


1995
Female
Male
70
75
80
85
90
95
100
105
110
115
120
125
130
135
140
145
150
0.02
0.04
0.06
0.08
0.10

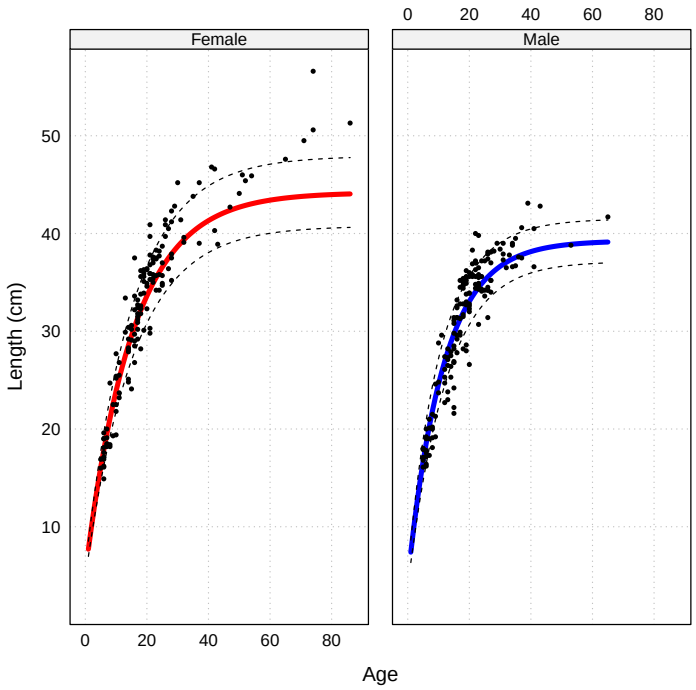
5 plotIndex

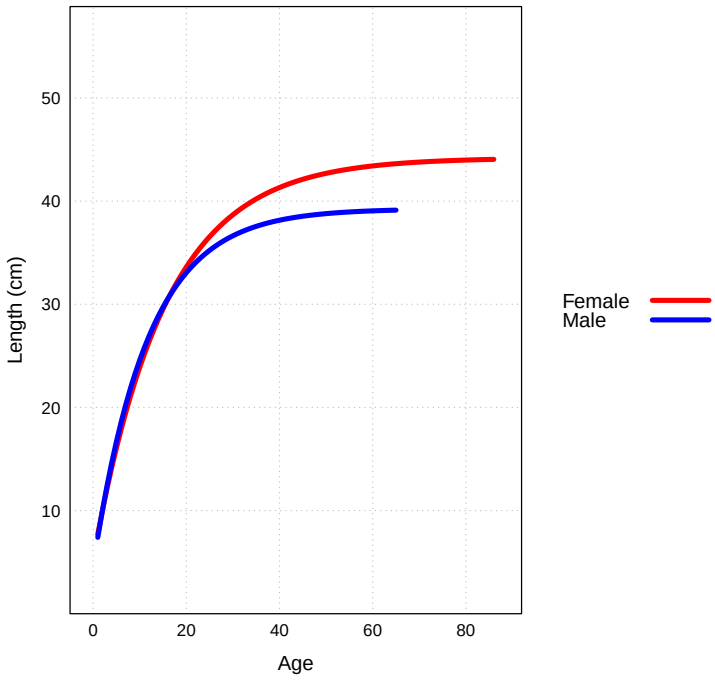

Survey abundance index
600
400
200
1970
1980
1990
2000
Year

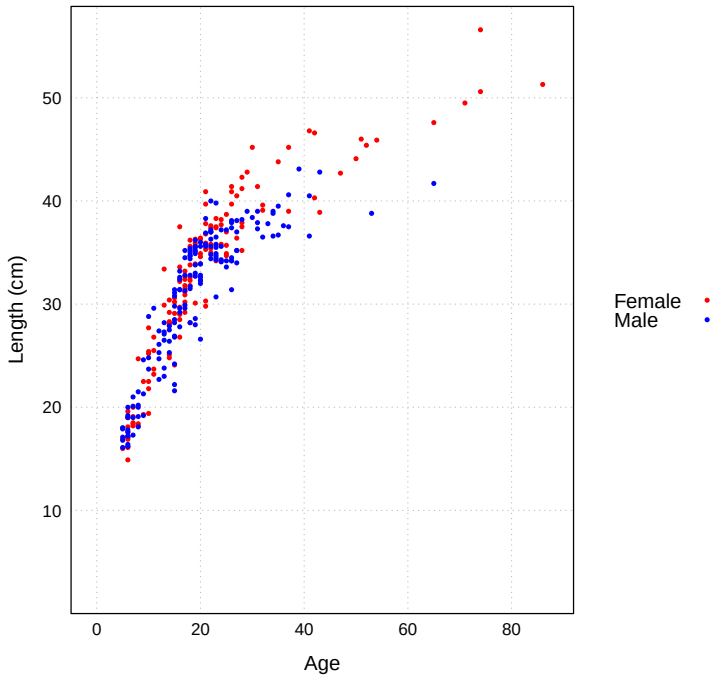

Series 1−1
1.5
1.0
0.5
1982
1984
1986
1988
1990


Series 1−1
Series 2−1
Observed CPUE
1.5
1.0
0.5
2.5
2.0
1.5
1.0
0.5
1982
1984
1986
1988
1990
1992
1994
1996
1998
2000
2002
Year

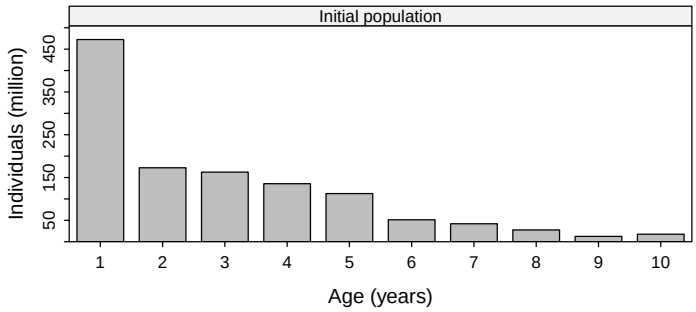
6 plotLA

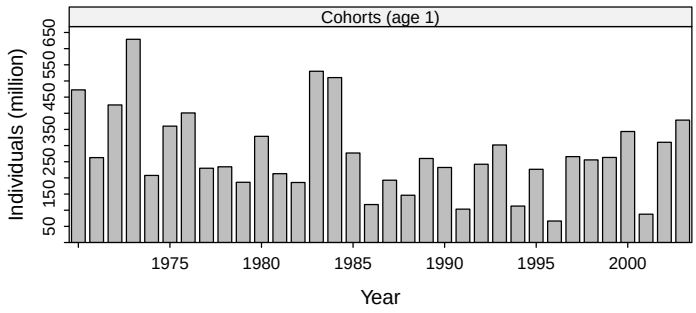

Female
Male
Length (cm)
Age
0
20
40
60
80
10
30
50

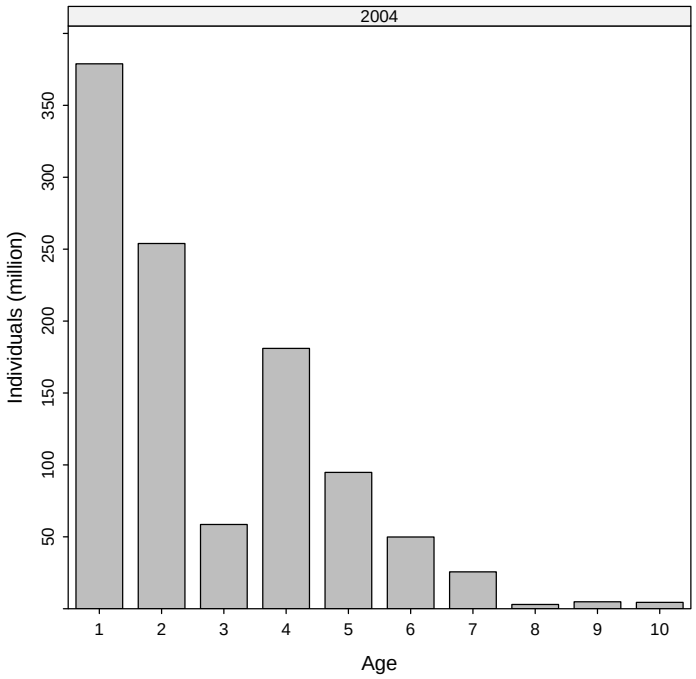

Length (cm)
Age
Female
Male
0
20
40
60
80
10
30
50

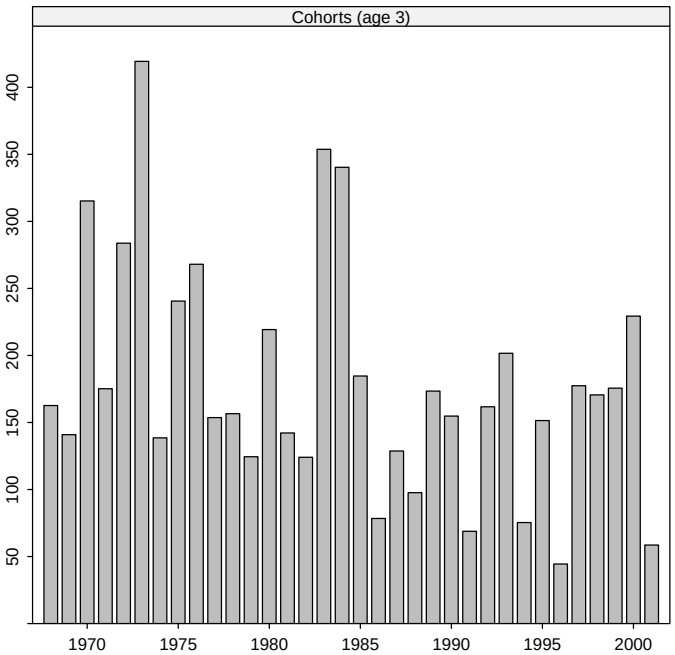

Length (cm)
10
20
30
40
50
0
20
40
60
80
Age
Female
Male

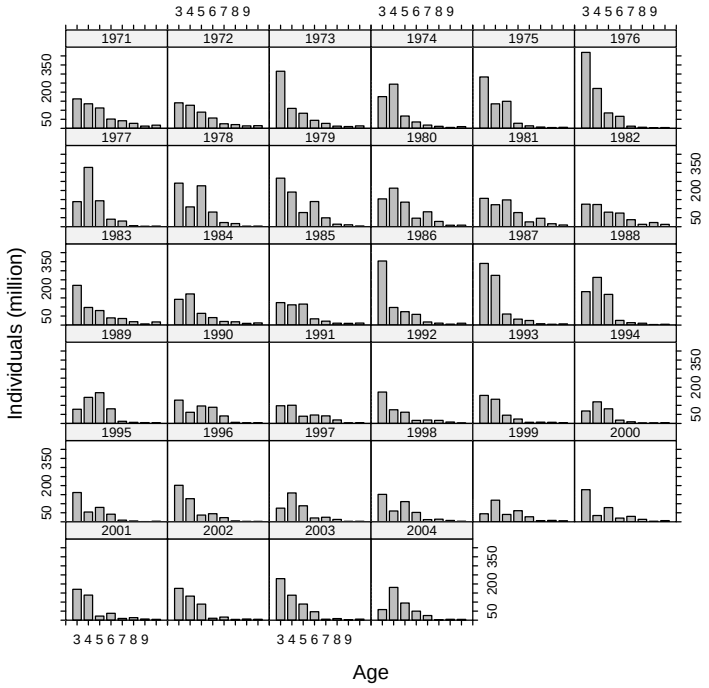
7 plotN

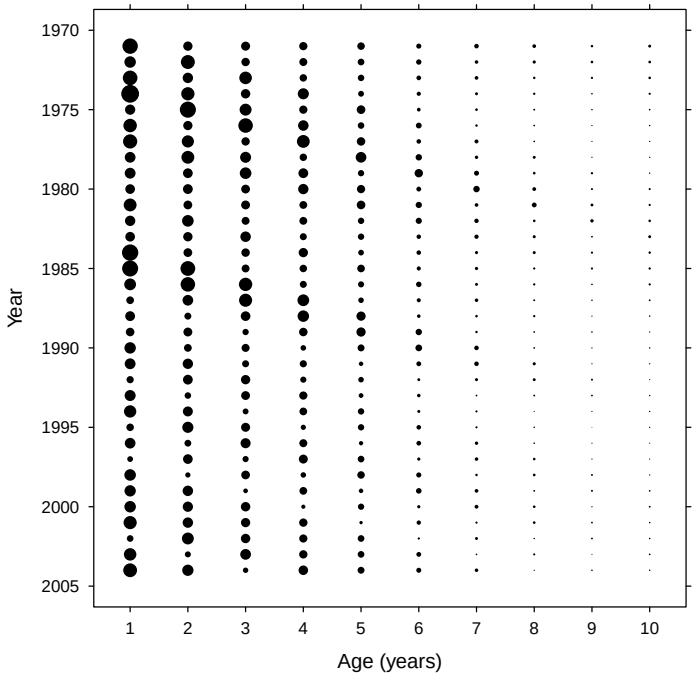

Initial population
Individuals (million)
50
150
250
350
450
1
2
3
4
5
6
7
8
9
10
Age (years)


Cohorts (age 1)
Individuals (million)
50
150
250
350
450
550
650
1975
1980
1985
1990
1995
2000
Year

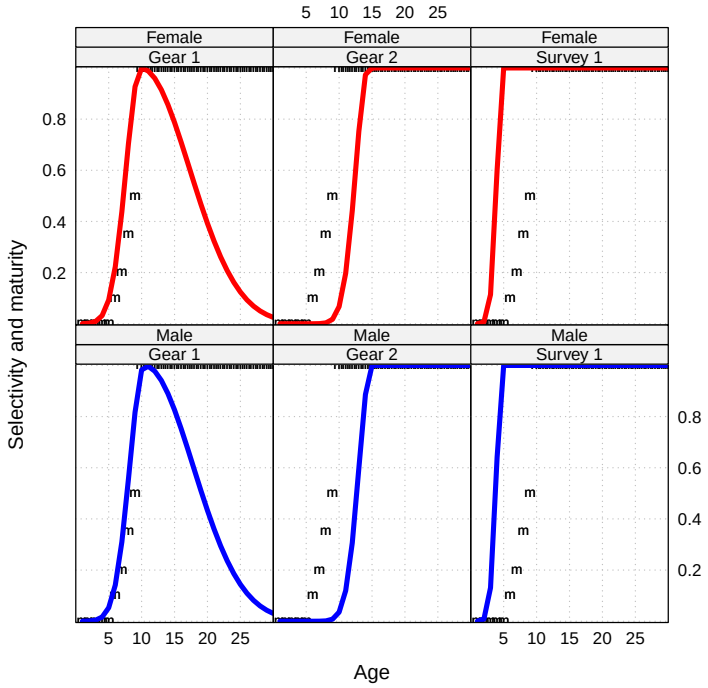

2004
Individuals (million)
50
100
150
200
250
300
350
1
2
3
4
5
6
7
8
9
10
Age

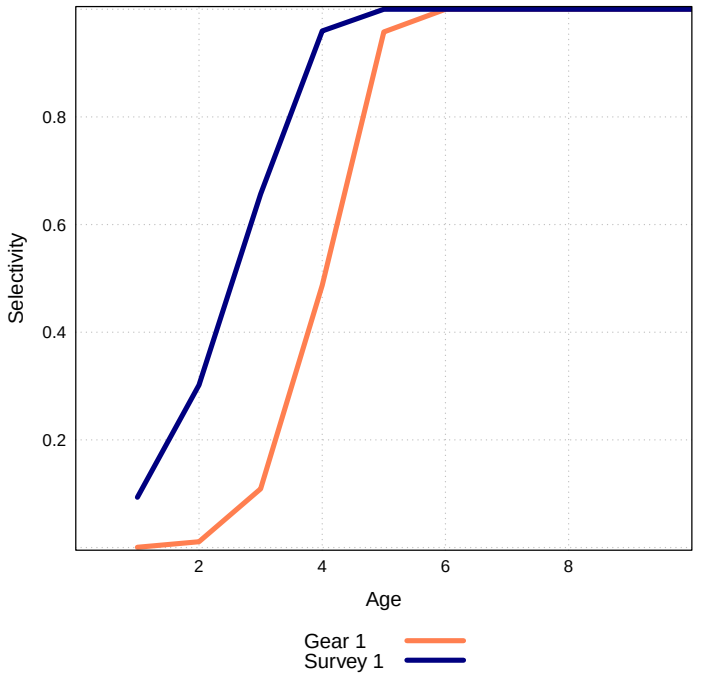

Cohorts (age 3)
50
100
150
200
250
300
350
400
1970
1975
1980
1985
1990
1995
2000


3 4 5 6 7 8 9
1971
1972
1973
1974
1975
1976
1977
1978
1979
1980
1981
1982
1983
1984
1985
1986
1987
1988
1989
1990
1991
1992
1993
1994
1995
1996
1997
1998
1999
2000
2001
2002
2003
2004
50 200 350
Individuals (million)
Age


1970
1975
1980
1985
1990
1995
2000
2005
Year
1
2
3
4
5
6
7
8
9
10
Age (years)

8 plotSel


Female
Gear 1
Female
Gear 2
Female
Survey 1
Male
Gear 1
Male
Gear 2
Male
Survey 1
Selectivity and maturity
Age
0.2
0.4
0.6
0.8
5
10
15
20
25


Selectivity
Age
Gear 1
Survey 1
0.2
0.4
0.6
0.8
2
4
6
8