

# NEAtl Pelagic

Scaled relative to 1978  
(geometric mean)

25  
20  
15  
10  
5  
0  
1.0  
0.8  
0.6  
0.4  
0.2  
0.0  
1  
0  
-1  
-2

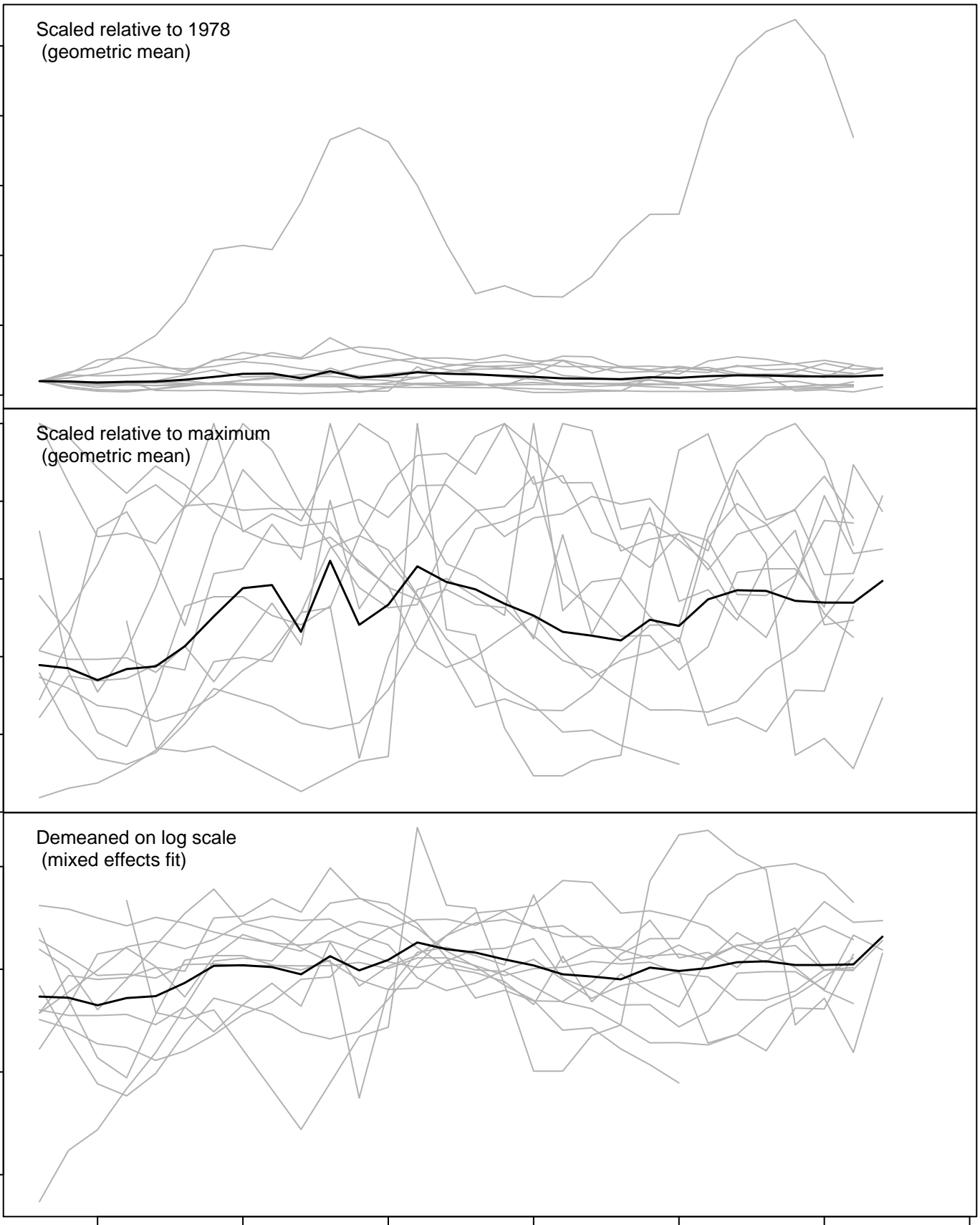
Scaled relative to maximum  
(geometric mean)

Demeaned on log scale  
(mixed effects fit)

Year

1980 1985 1990 1995 2000 2005 2010

Scaled SSB



# NEAtl Demersal

Scaled relative to 1978  
(geometric mean)

4

3

2

1

1.00

Scaled relative to maximum  
(geometric mean)

1.00

0.8

0.6

0.4

0.2

Demeaned on log scale  
(mixed effects fit)

1.0

0.5

0.0

-0.5

-1.0

-1.5

1980

1985

1990

1995

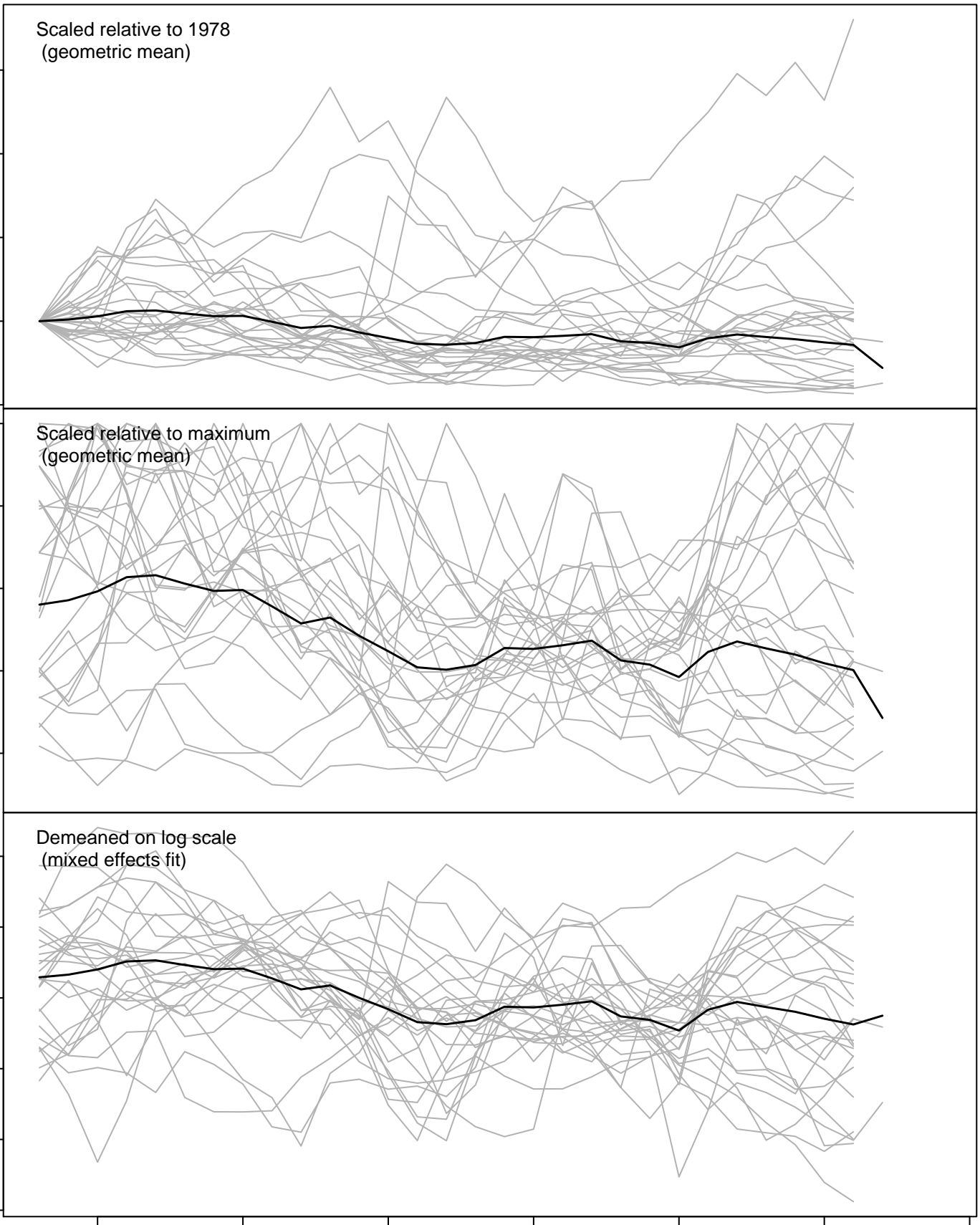
2000

2005

2010

Year

Scaled SSB



# NWAtl Pelagic

Scaled relative to 1978  
(geometric mean)

Scaled SSB

Scaled relative to maximum  
(geometric mean)

Demeaned on log scale  
(mixed effects fit)

Year

2010

2005

2000

1995

1990

1985

1980

# NWAtl Demersal

Scaled relative to 1978  
(geometric mean)

5

4

3

2

1

0

1.0

Scaled relative to maximum  
(geometric mean)

0.8

0.6

0.4

0.2

0.0

Demeaned on log scale  
(mixed effects fit)

1

0

-1

-2

Year

1980

1985

1990

1995

2000

2005

2010

Scaled SSB

2.0

# NorthMidAtl Pelagic

Scaled relative to 1978  
(geometric mean)

2.5  
2.0  
1.5  
1.0  
0.5  
1.0  
0.5  
1.0  
0.5  
0.0  
-0.5  
-1.0

Scaled relative to maximum  
(geometric mean)

Demeaned on log scale  
(mixed effects fit)

Year

1980

1985

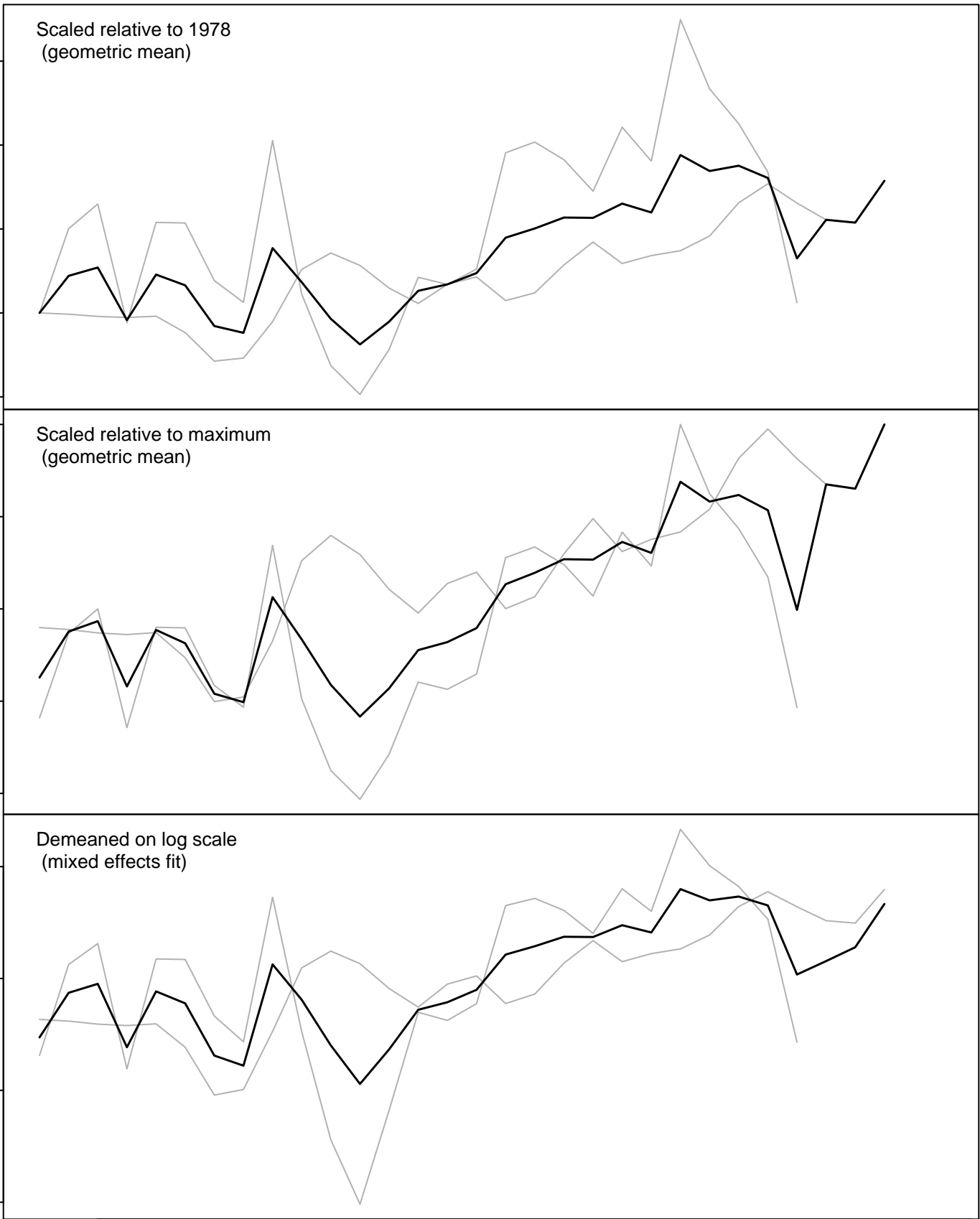
1990

1995

2000

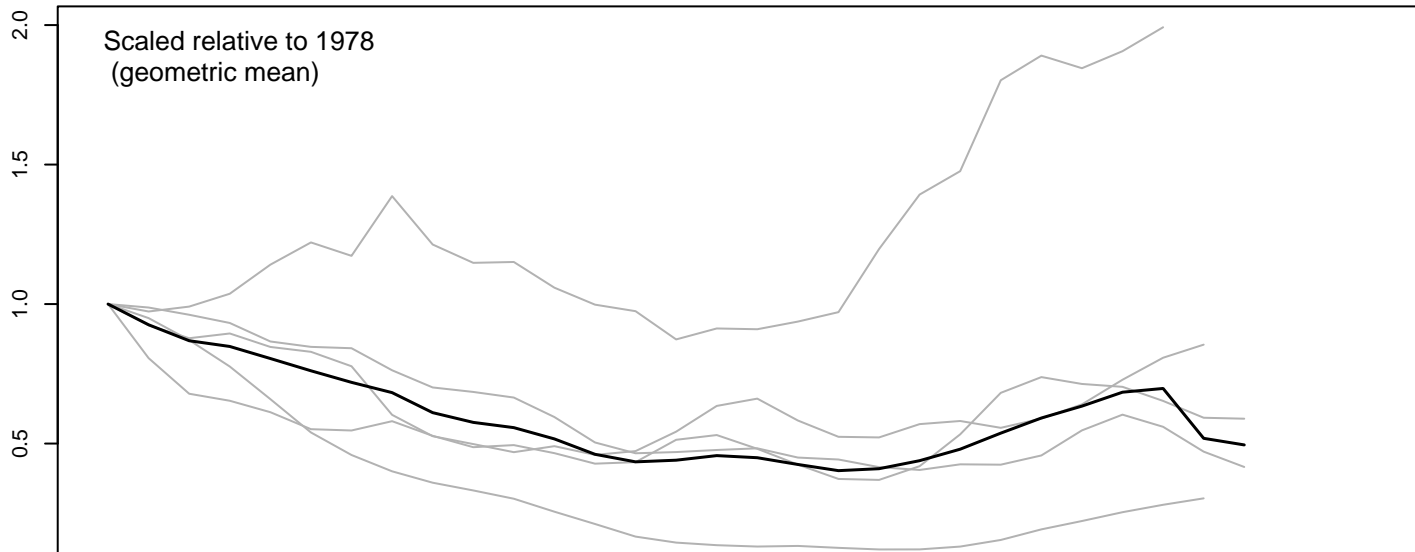
2005

2010

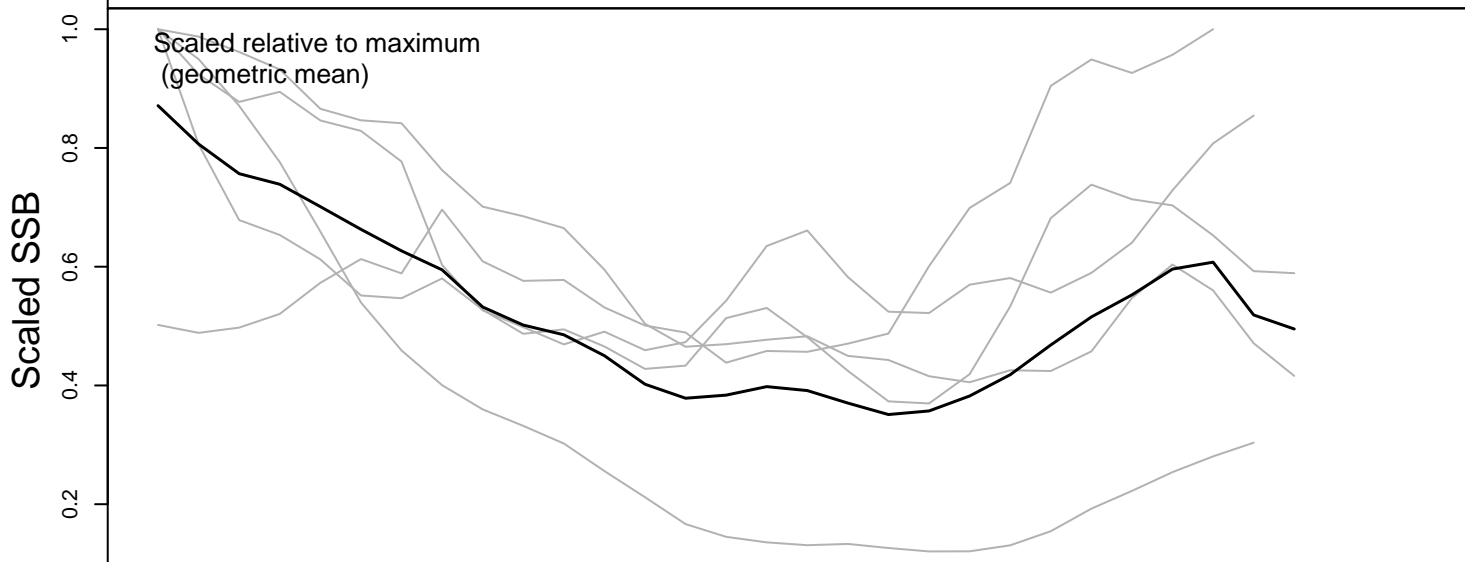


# NorthMidAtl Demersal

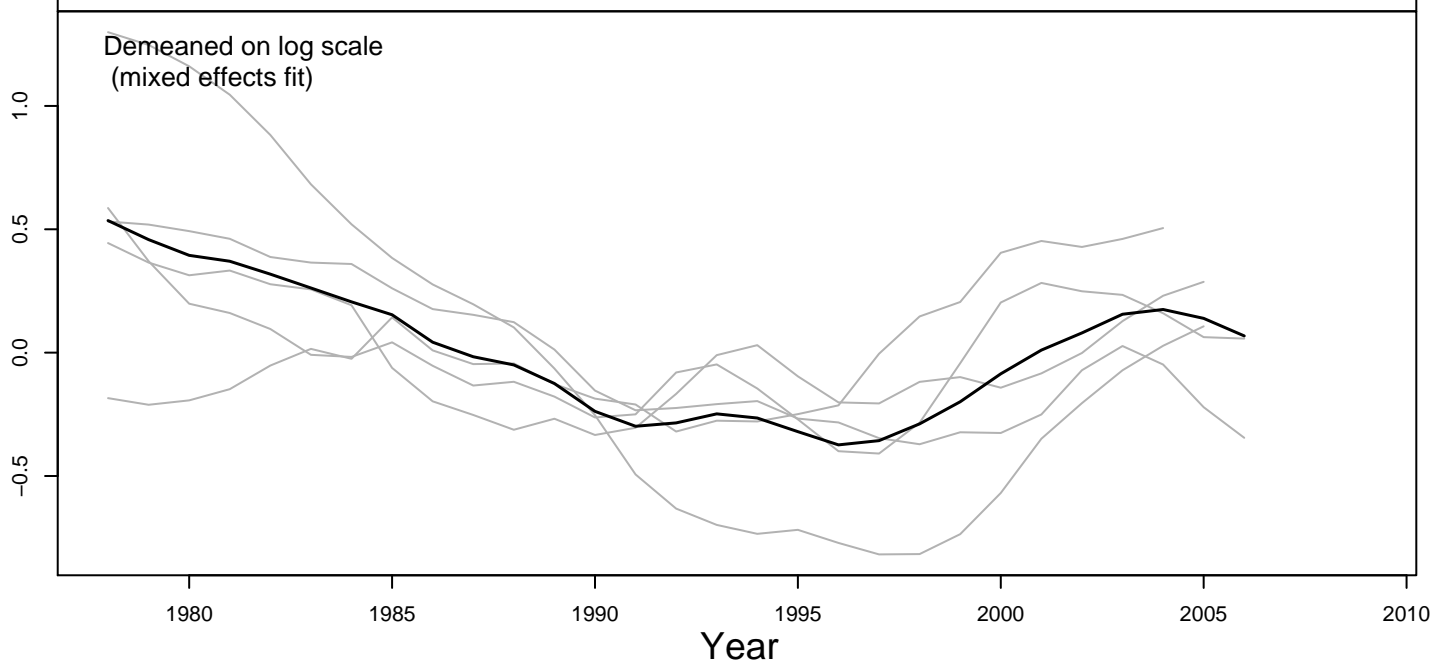
Scaled relative to 1978  
(geometric mean)



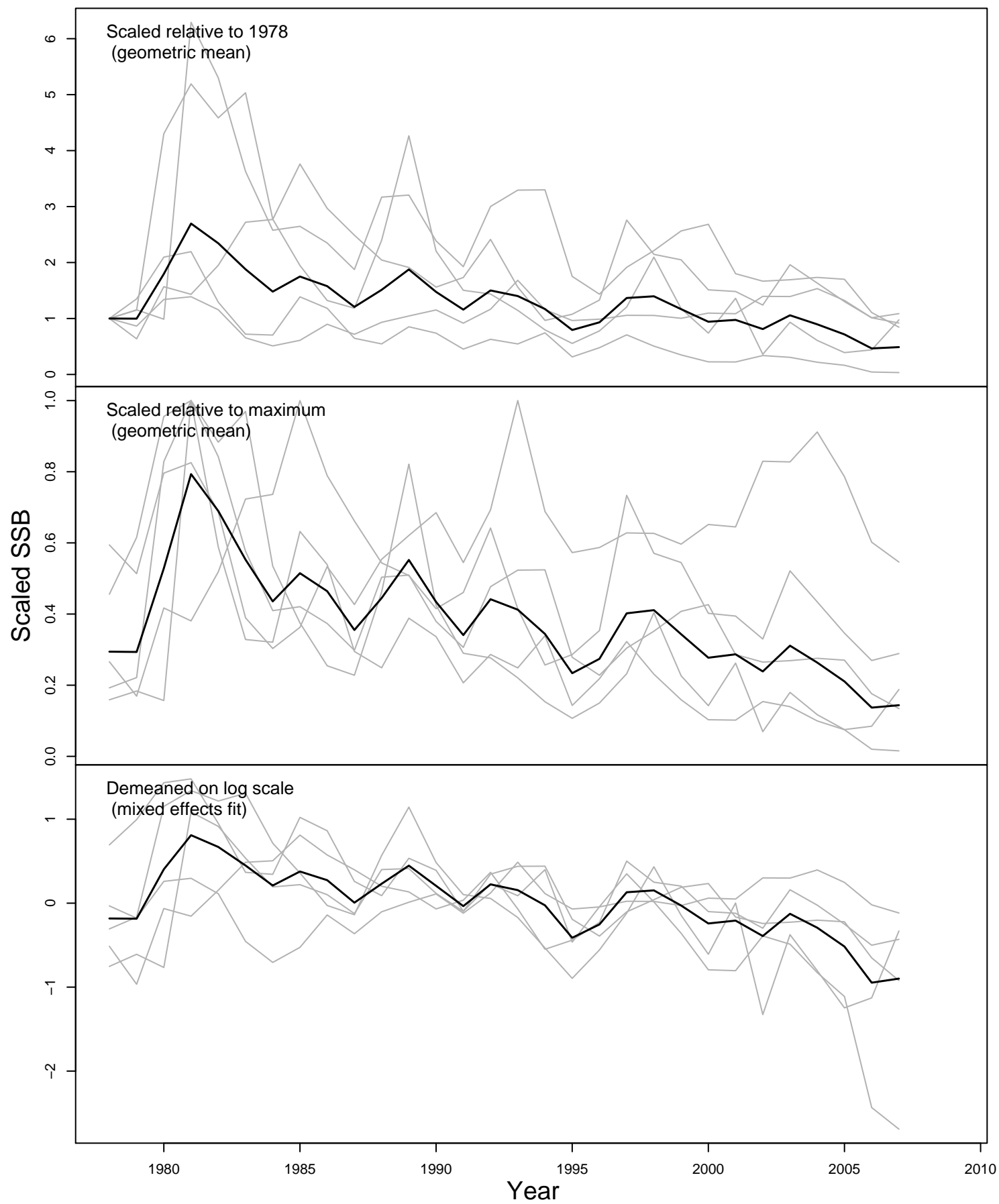
Scaled relative to maximum  
(geometric mean)



Demeaned on log scale  
(mixed effects fit)



# NEPac Pelagic



# NEPac Demersal

Scaled relative to 1978  
(geometric mean)

15

10

5

0

Scaled relative to maximum  
(geometric mean)

1.0

0.8

0.6

0.4

0.2

Demeaned on log scale  
(mixed effects fit)

2

1

0

-1

-2

1980

1985

1990

1995

2000

2005

2010

Year

Scaled SSB

