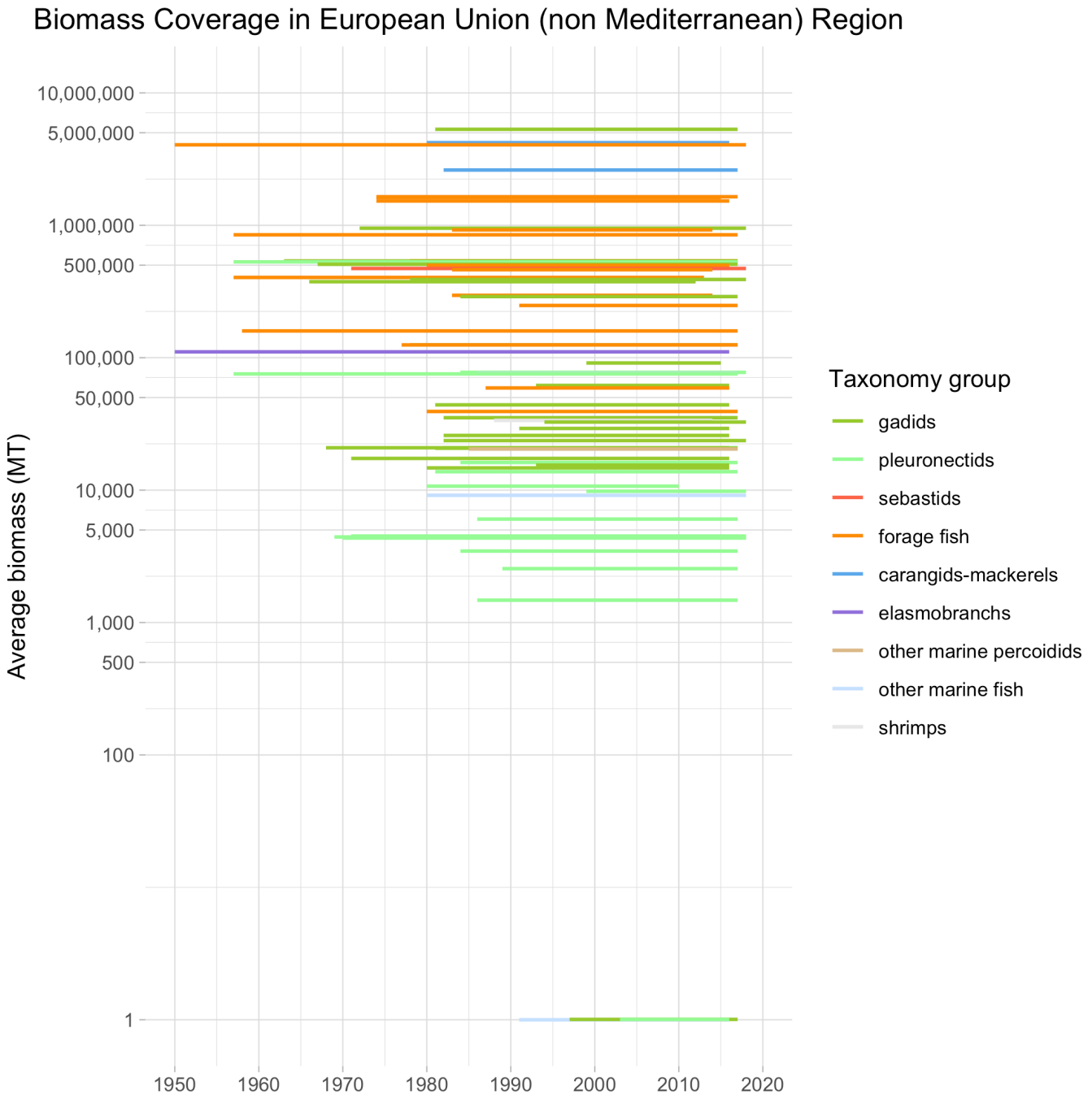
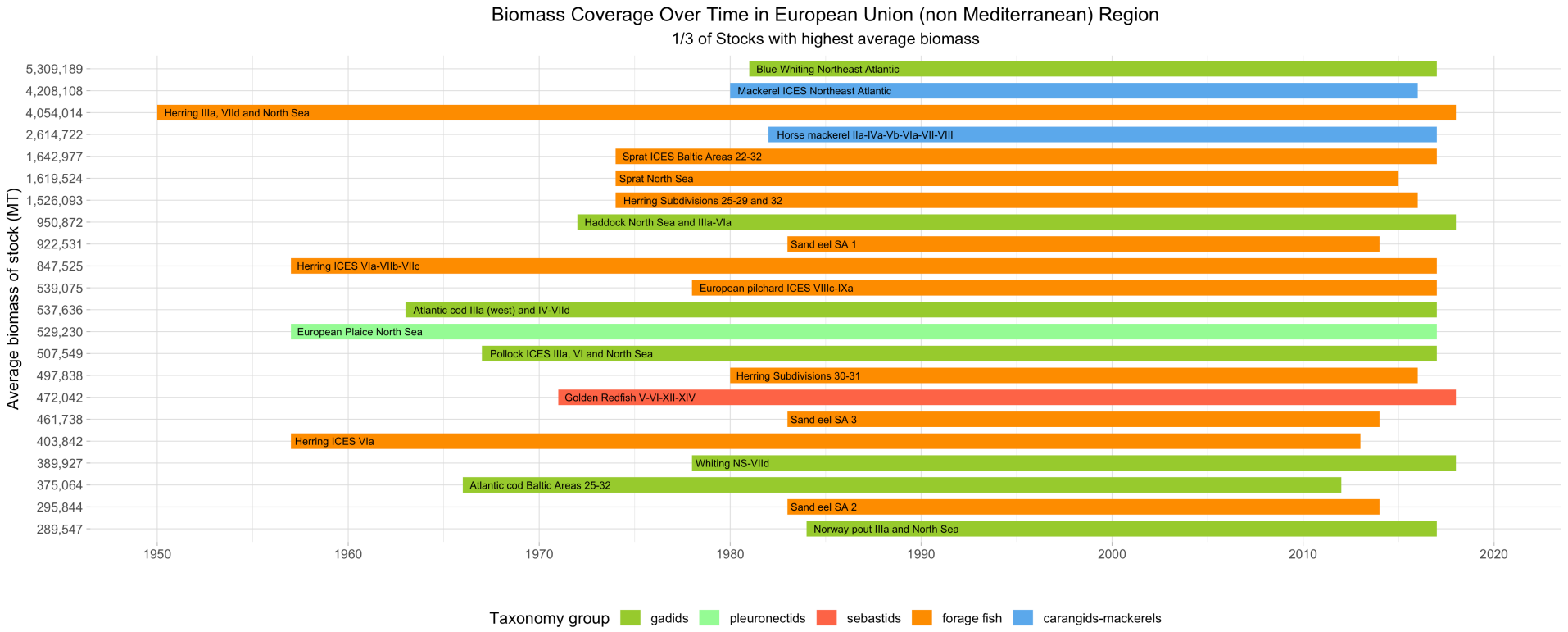
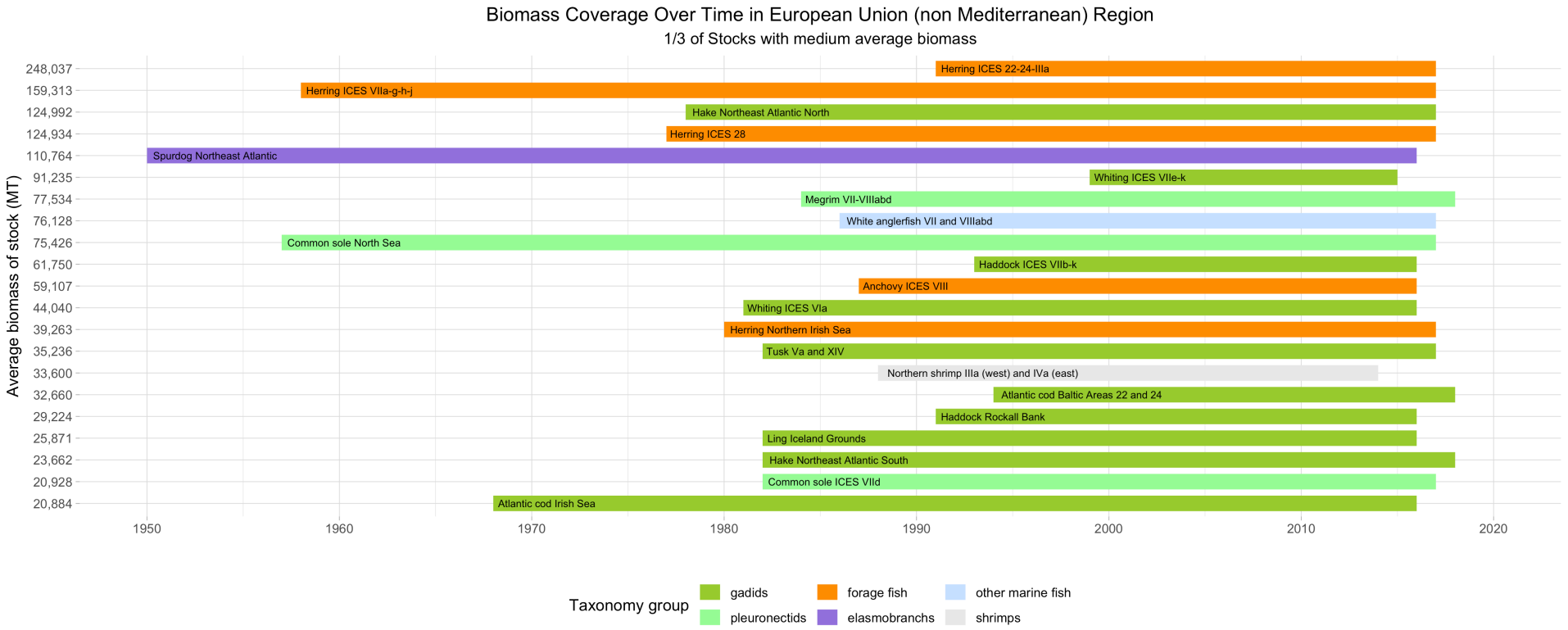
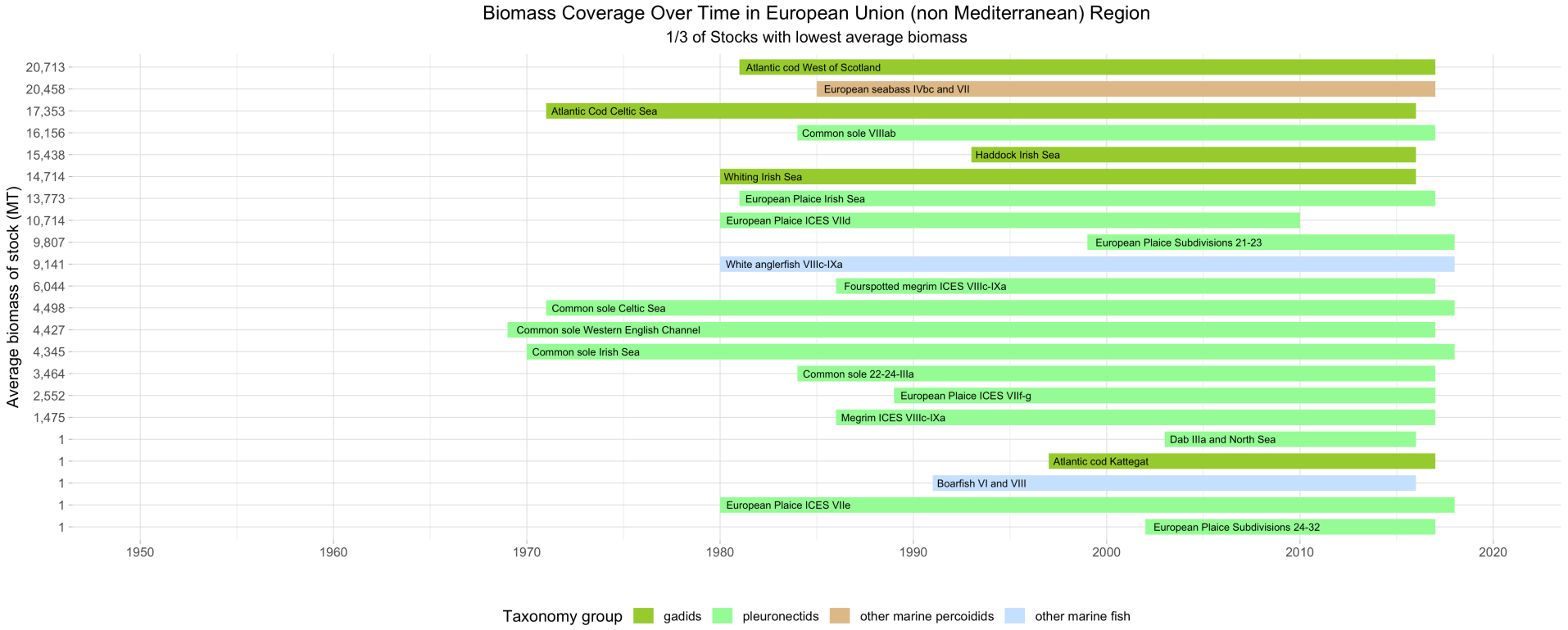
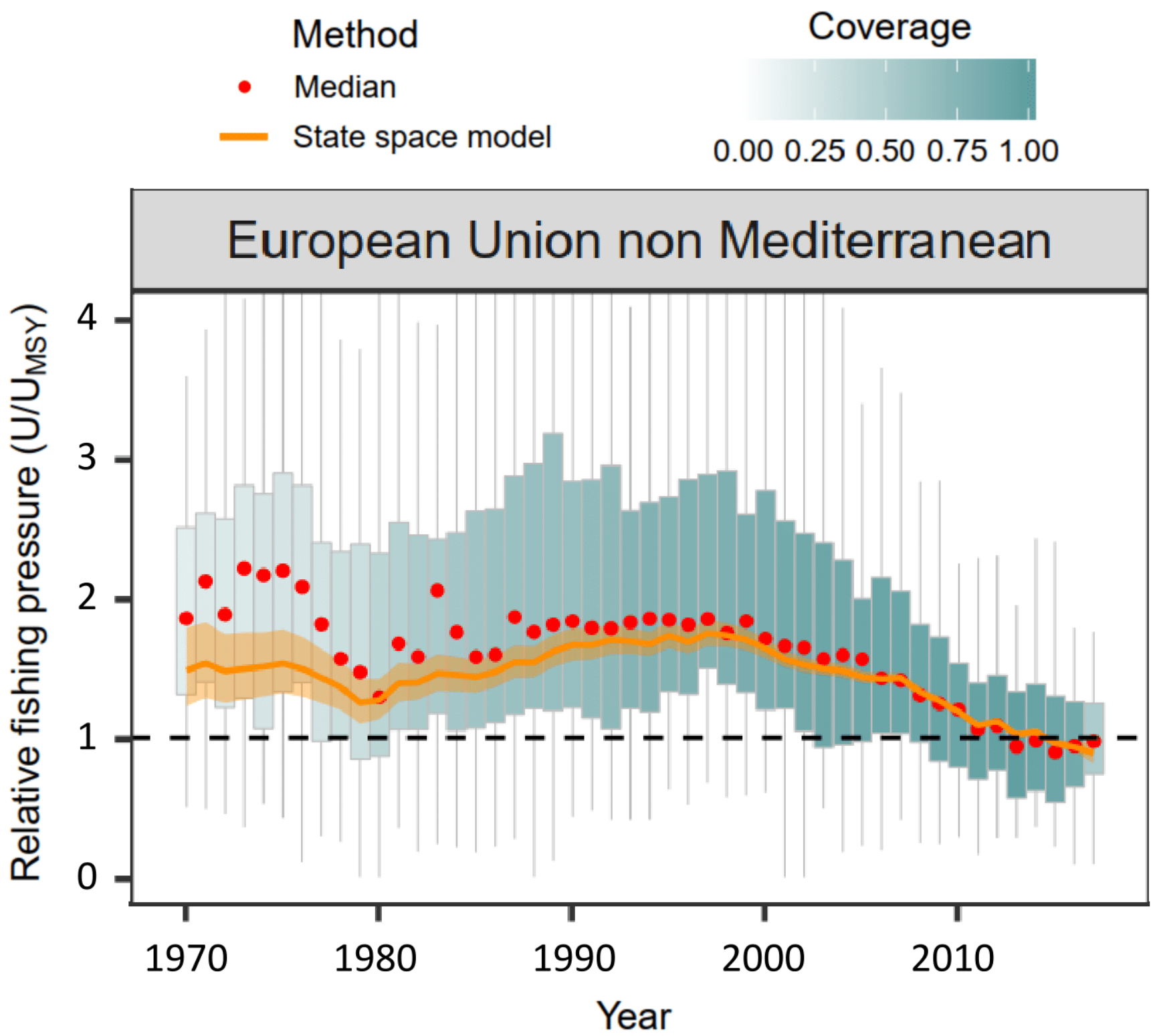
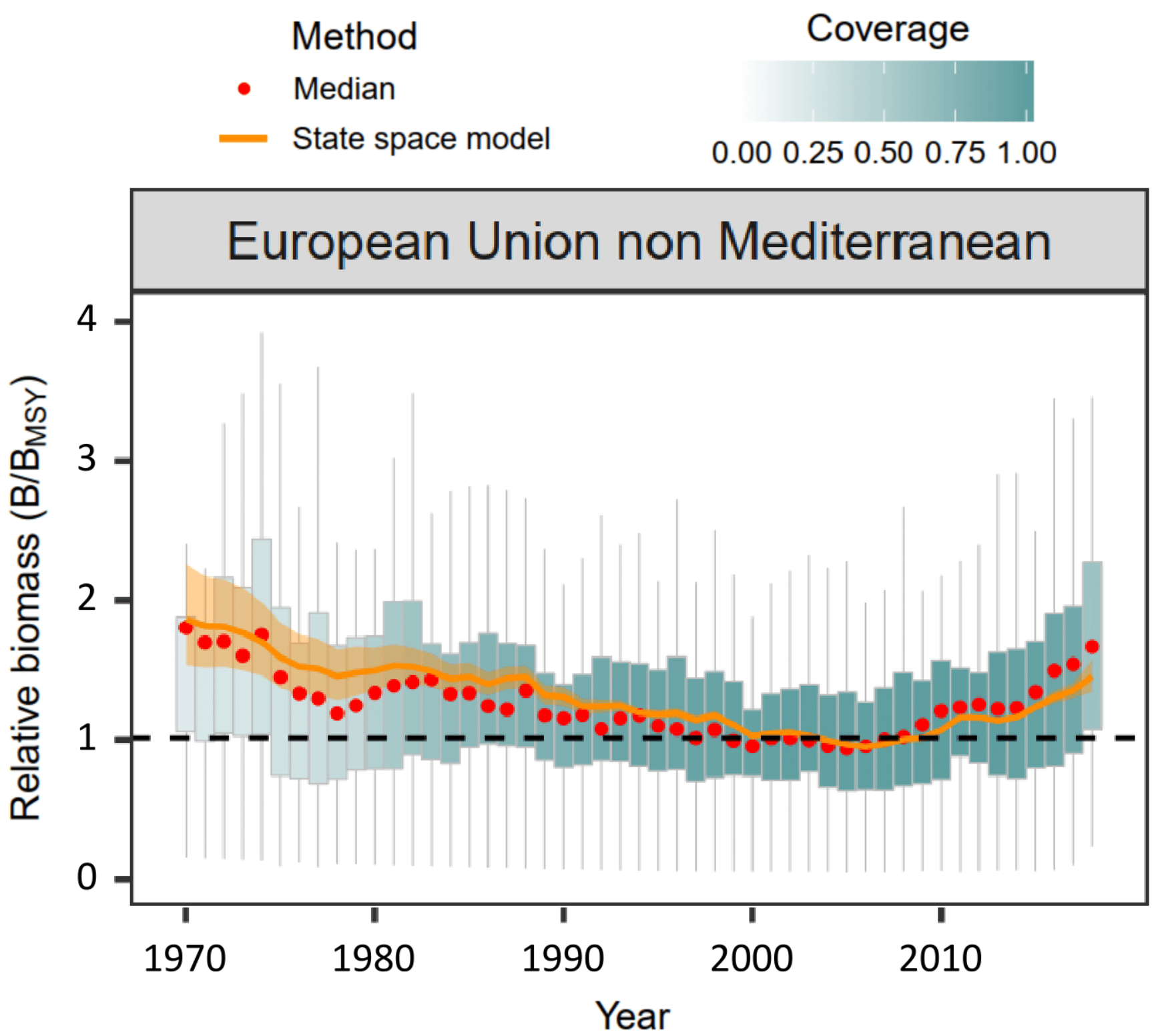

Biomass Coverage in European Union (non Mediterranean) Region
Average biomass (MT)
10,000,000
5,000,000
1,000,000
500,000
100,000
50,000
10,000
5,000
1,000
500
100
1
1950
1960
1970
1980
1990
2000
2010
2020
Taxonomy group
gadids
pleuronectids
sebastids
forage fish
carangids-mackerels
elasmobranchs
other marine percoidids
other marine fish
shrimps

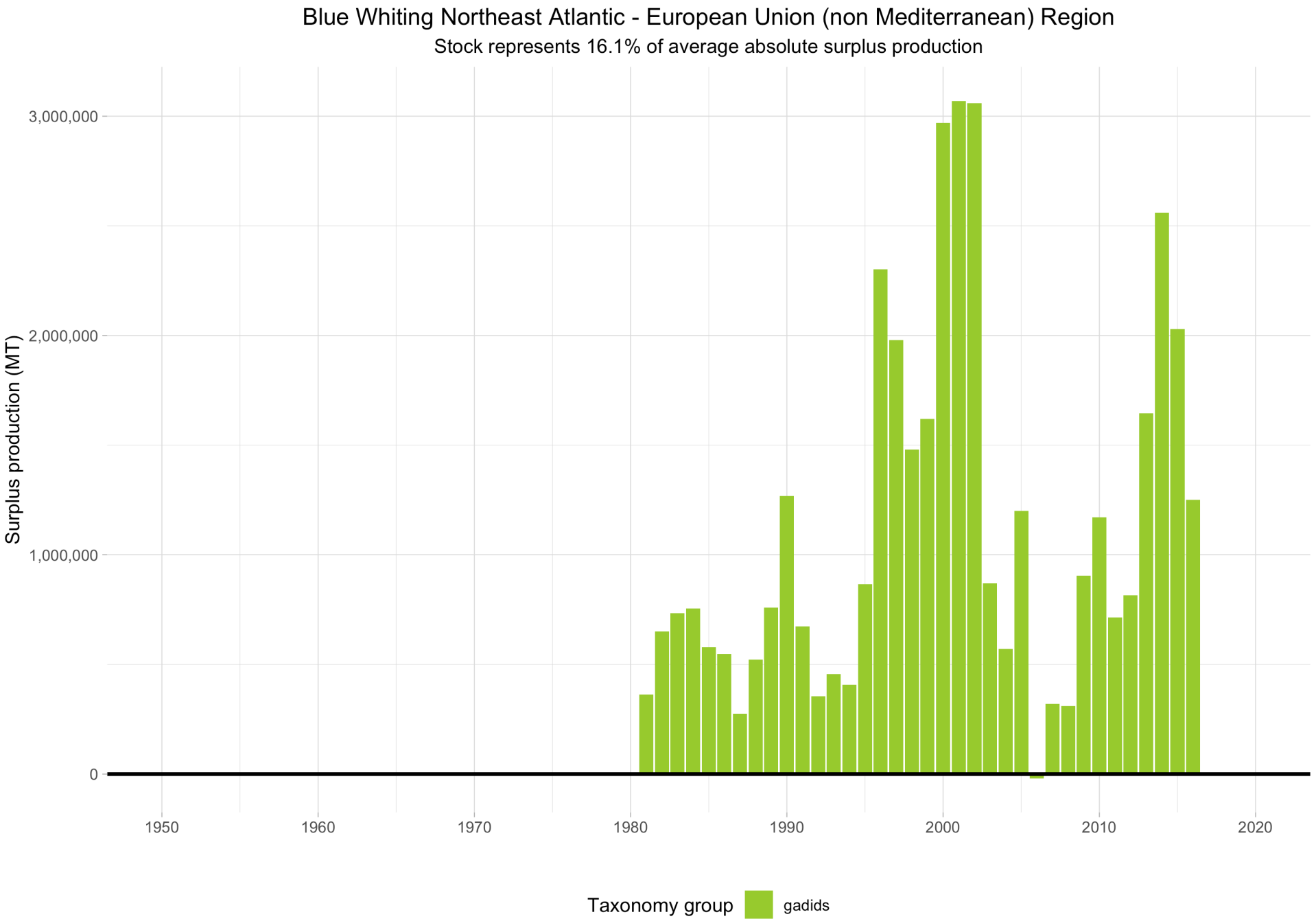

Biomass Coverage Over Time in European Union (non Mediterranean) Region
1/3 of Stocks with highest average biomass
Average biomass of stock (MT)
5,309,189
4,208,108
4,054,014
2,614,722
1,642,977
1,619,524
1,526,093
950,872
922,531
847,525
539,075
537,636
529,230
507,549
497,838
472,042
461,738
403,842
389,927
375,064
295,844
289,547
Blue Whiting Northeast Atlantic
Mackerel ICES Northeast Atlantic
Herring IIIa, VIId and North Sea
Horse mackerel IIa-IVa-Vb-VIa-VII-VIII
Sprat ICES Baltic Areas 22-32
Sprat North Sea
Herring Subdivisions 25-29 and 32
Haddock North Sea and IIIa-VIa
Sand eel SA 1
Herring ICES VIa-VIIb-VIIc
European pilchard ICES VIIIc-IXa
Atlantic cod IIIa (west) and IV-VIId
European Plaice North Sea
Pollock ICES IIIa, VI and North Sea
Herring Subdivisions 30-31
Golden Redfish V-VI-XII-XIV
Sand eel SA 3
Herring ICES VIa
Whiting NS-VIId
Atlantic cod Baltic Areas 25-32
Sand eel SA 2
Norway pout IIIa and North Sea
1950
1960
1970
1980
1990
2000
2010
2020
Taxonomy group
gadids
pleuronectids
sebastids
forage fish
carangids-mackerels

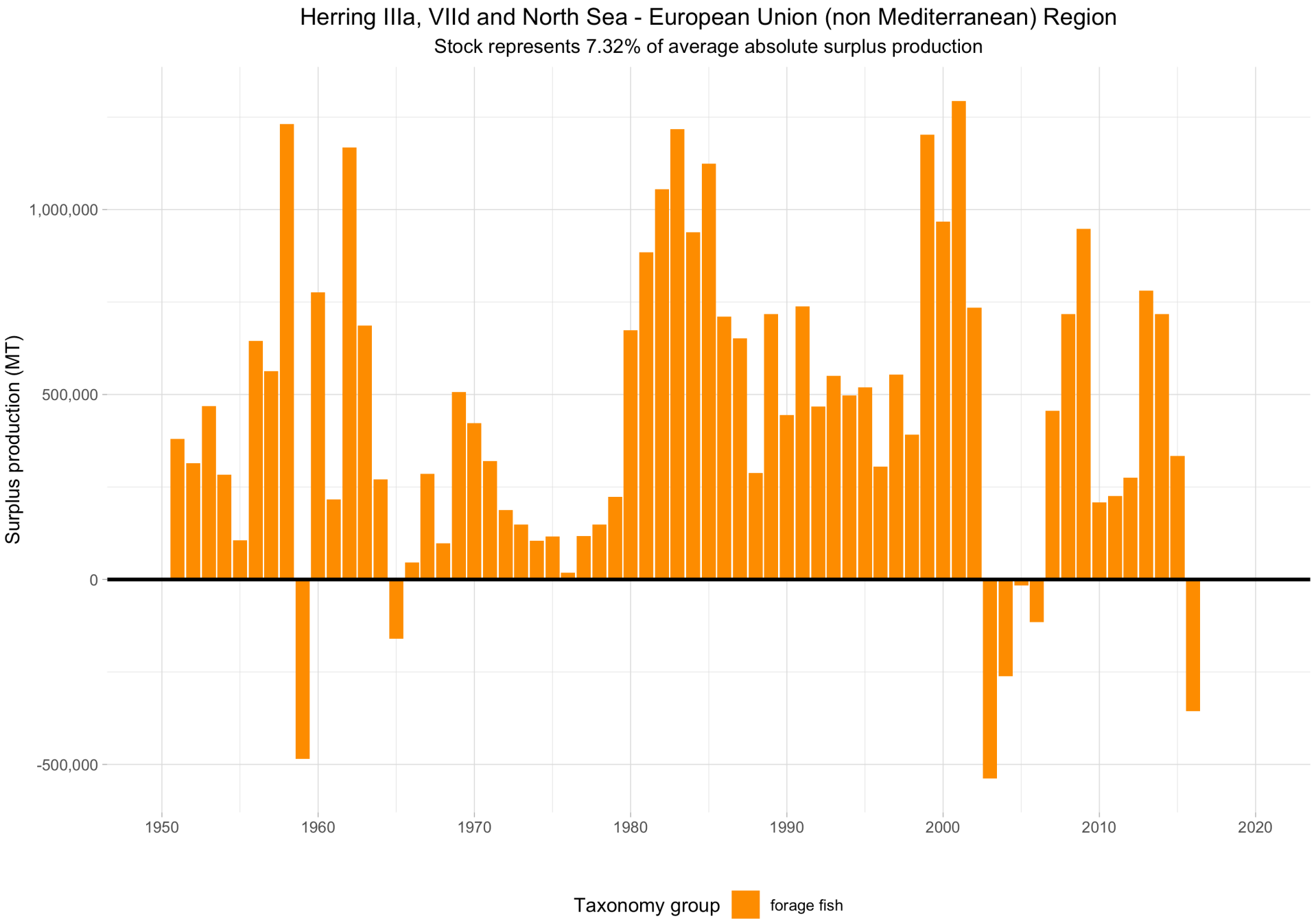

Biomass Coverage Over Time in European Union (non Mediterranean) Region
1/3 of Stocks with medium average biomass
Average biomass of stock (MT)
248,037
159,313
124,992
124,934
110,764
91,235
77,534
76,128
75,426
61,750
59,107
44,040
39,263
35,236
33,600
32,660
29,224
25,871
23,662
20,928
20,884
Herring ICES 22-24-IIIa
Herring ICES VIIa-g-h-j
Hake Northeast Atlantic North
Herring ICES 28
Spurdog Northeast Atlantic
Whiting ICES VIIe-k
Megrim VII-VIIIabd
White anglerfish VII and VIIIabd
Common sole North Sea
Haddock ICES VIIb-k
Anchovy ICES VIII
Whiting ICES VIa
Herring Northern Irish Sea
Tusk Va and XIV
Northern shrimp IIIa (west) and IVa (east)
Atlantic cod Baltic Areas 22 and 24
Haddock Rockall Bank
Ling Iceland Grounds
Hake Northeast Atlantic South
Common sole ICES VIId
Atlantic cod Irish Sea
1950
1960
1970
1980
1990
2000
2010
2020
Taxonomy group
gadids
forage fish
other marine fish
pleuronectids
elasmobranchs
shrimps

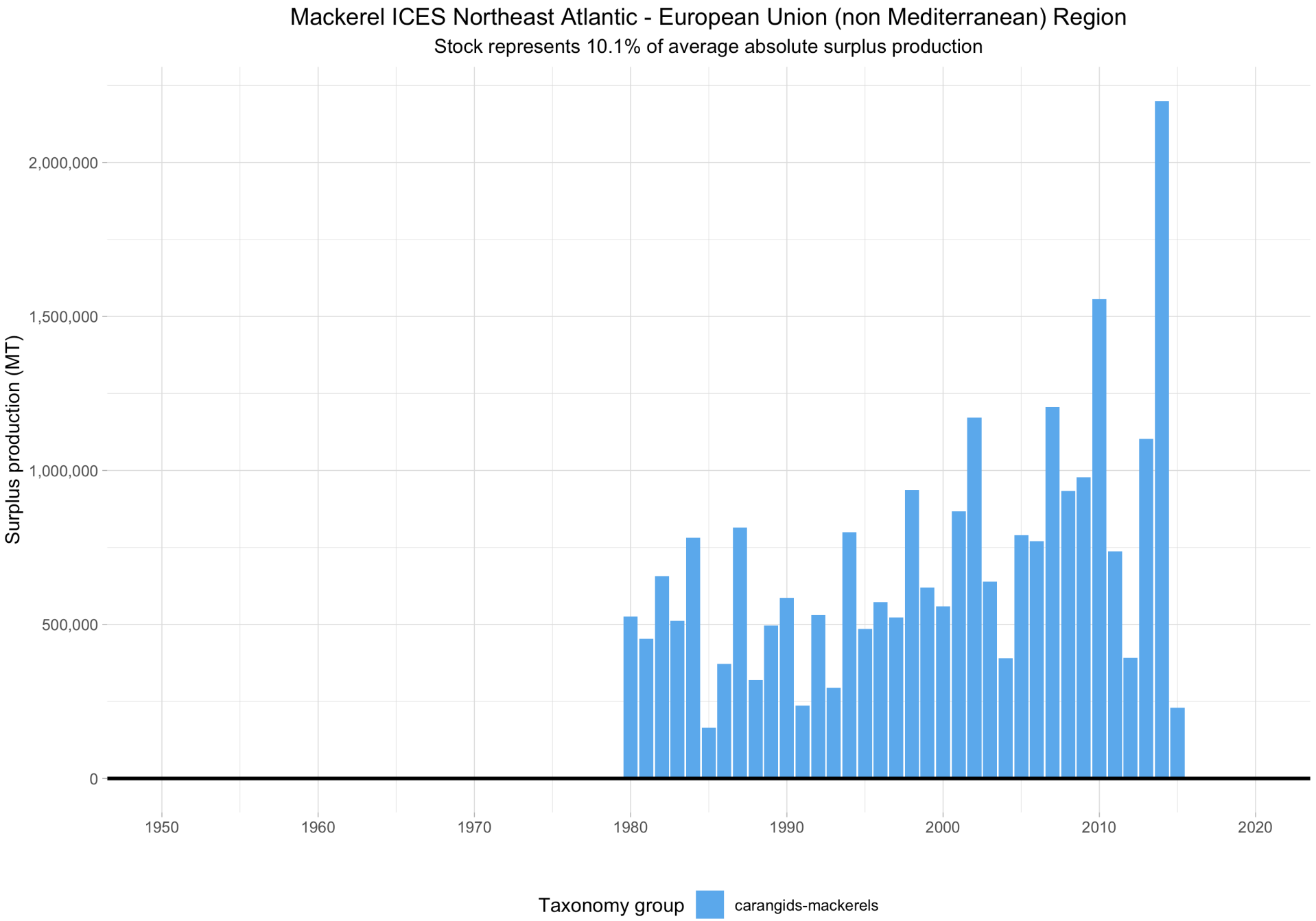

Biomass Coverage Over Time in European Union (non Mediterranean) Region
1/3 of Stocks with lowest average biomass
Average biomass of stock (MT)
20,713
20,458
17,353
16,156
15,438
14,714
13,773
10,714
9,807
9,141
6,044
4,498
4,427
4,345
3,464
2,552
1,475
1
1
1
1
1
Atlantic cod West of Scotland
European seabass IVbc and VII
Atlantic Cod Celtic Sea
Common sole VIIIab
Haddock Irish Sea
Whiting Irish Sea
European Plaice Irish Sea
European Plaice ICES VIId
European Plaice Subdivisions 21-23
White anglerfish VIIIc-IXa
Fourspotted megrim ICES VIIIc-IXa
Common sole Celtic Sea
Common sole Western English Channel
Common sole Irish Sea
Common sole 22-24-IIIa
European Plaice ICES VIIf-g
Megrim ICES VIIIc-IXa
Dab IIIa and North Sea
Atlantic cod Kattegat
Boarfish VI and VIII
European Plaice ICES VIIe
European Plaice Subdivisions 24-32
1950
1960
1970
1980
1990
2000
2010
2020
Taxonomy group
gadids
pleuronectids
other marine percoidids
other marine fish

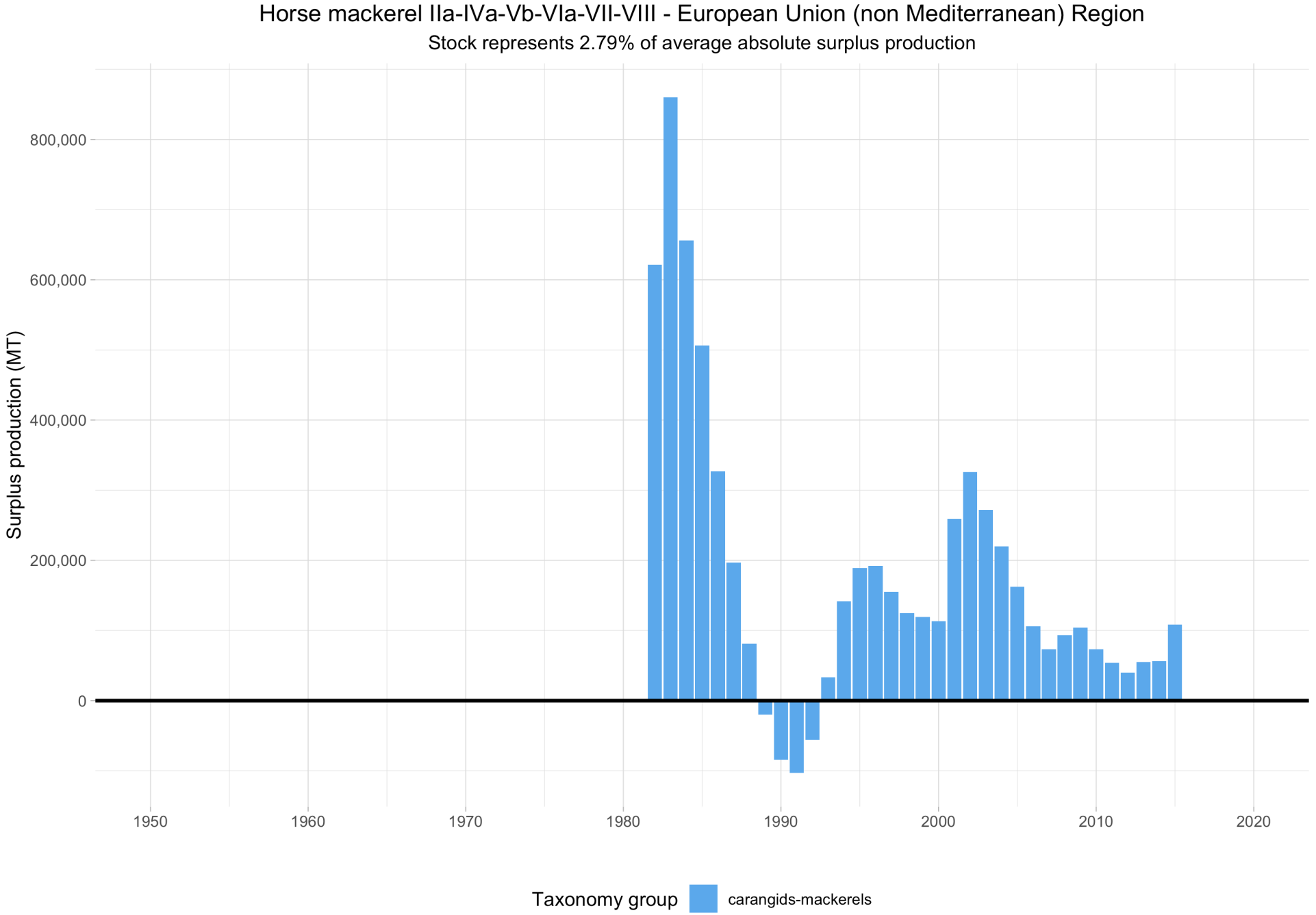

Method
Median
State space model
Coverage
0.00 0.25 0.50 0.75 1.00
European Union non Mediterranean
Relative fishing pressure (U/U$_{MSY}$)
0
1
2
3
4
1970
1980
1990
2000
2010
Year

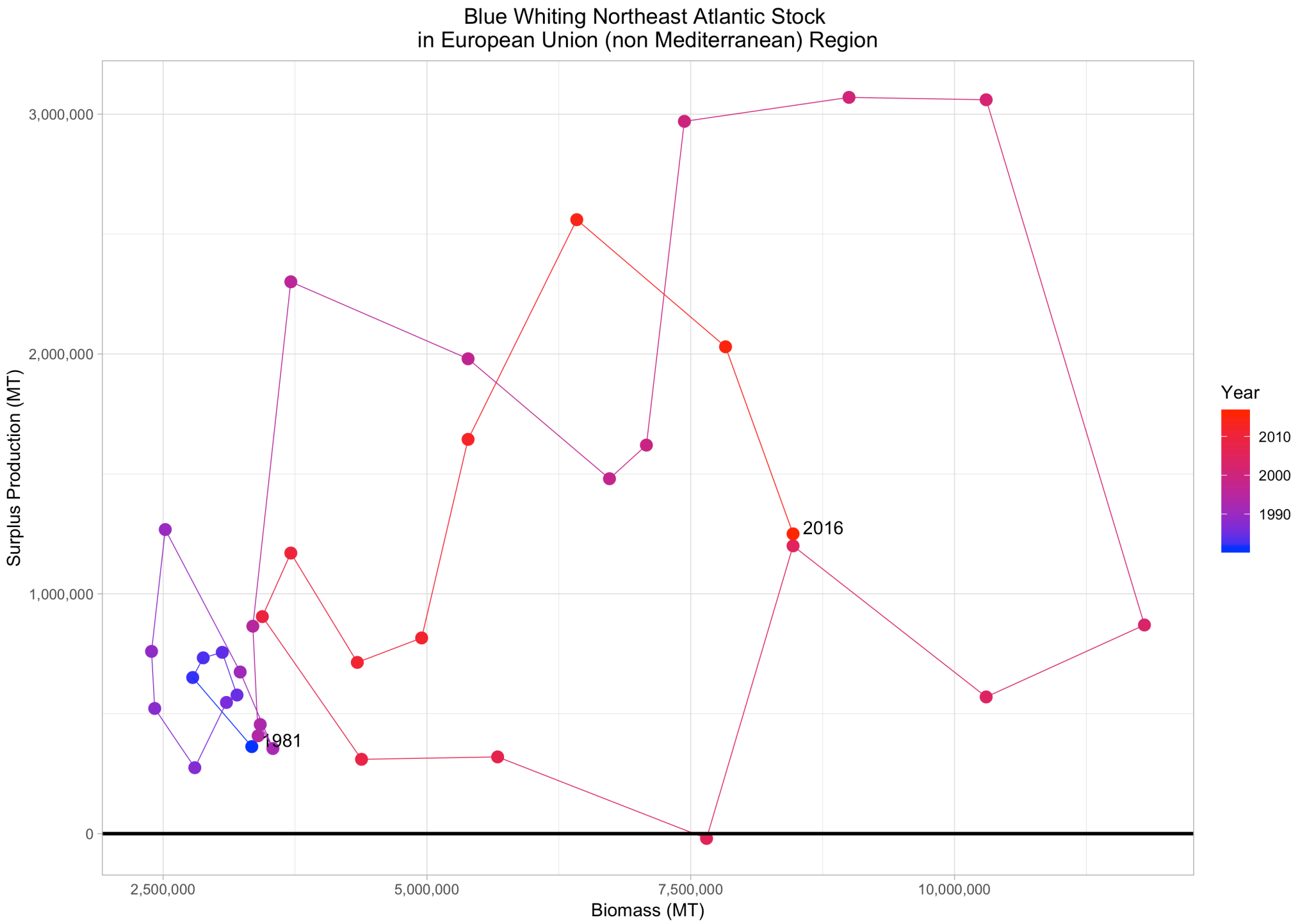

Method
Median
State space model
Coverage
0.00 0.25 0.50 0.75 1.00
European Union non Mediterranean
Relative biomass (B/BMSY)
0
1
2
3
4
1970
1980
1990
2000
2010
Year

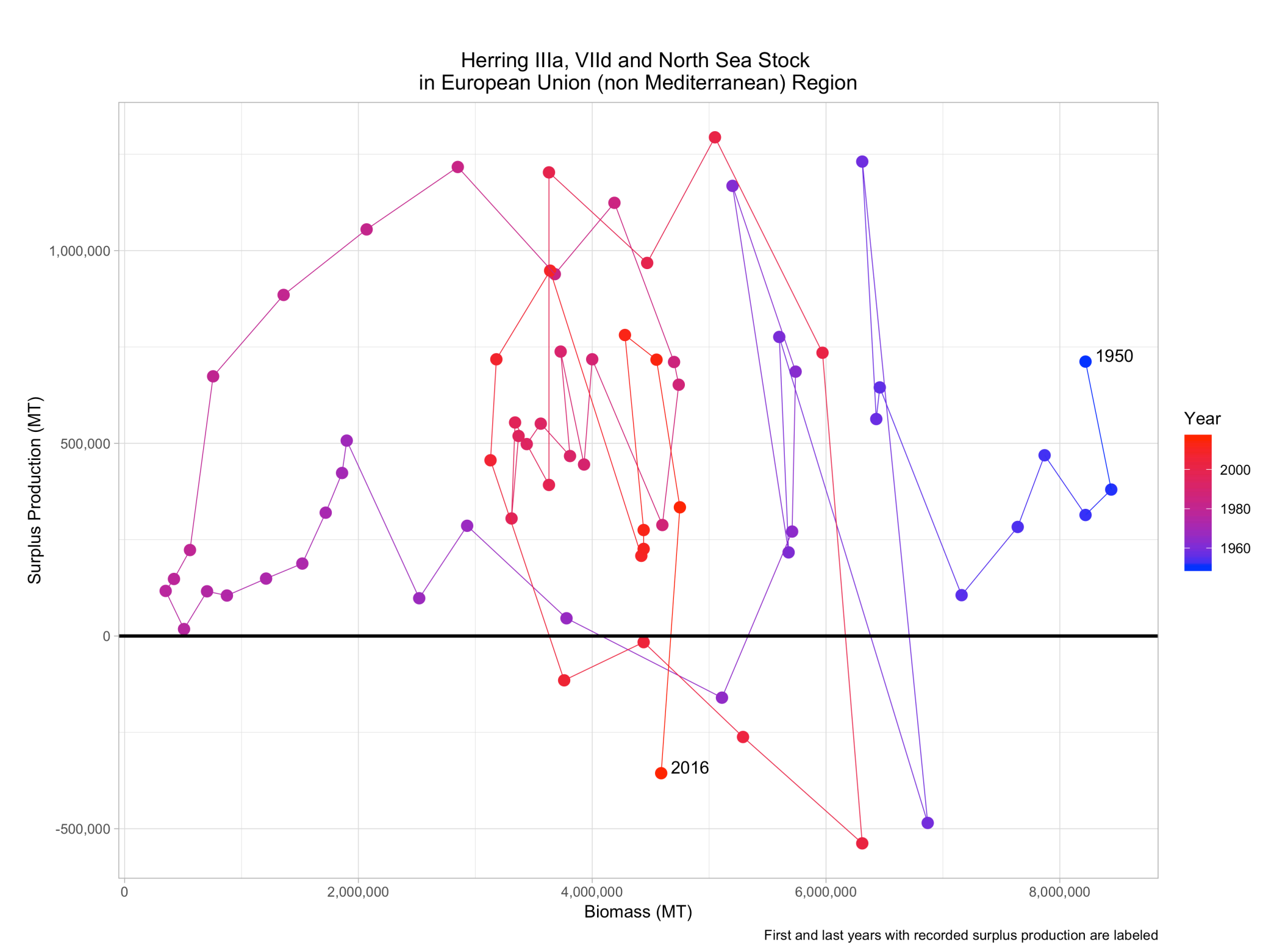

Blue Whiting Northeast Atlantic - European Union (non Mediterranean) Region
Stock represents 16.1% of average absolute surplus production
Surplus production (MT)
3,000,000
2,000,000
1,000,000
0
1950
1960
1970
1980
1990
2000
2010
2020
Taxonomy group
gadids

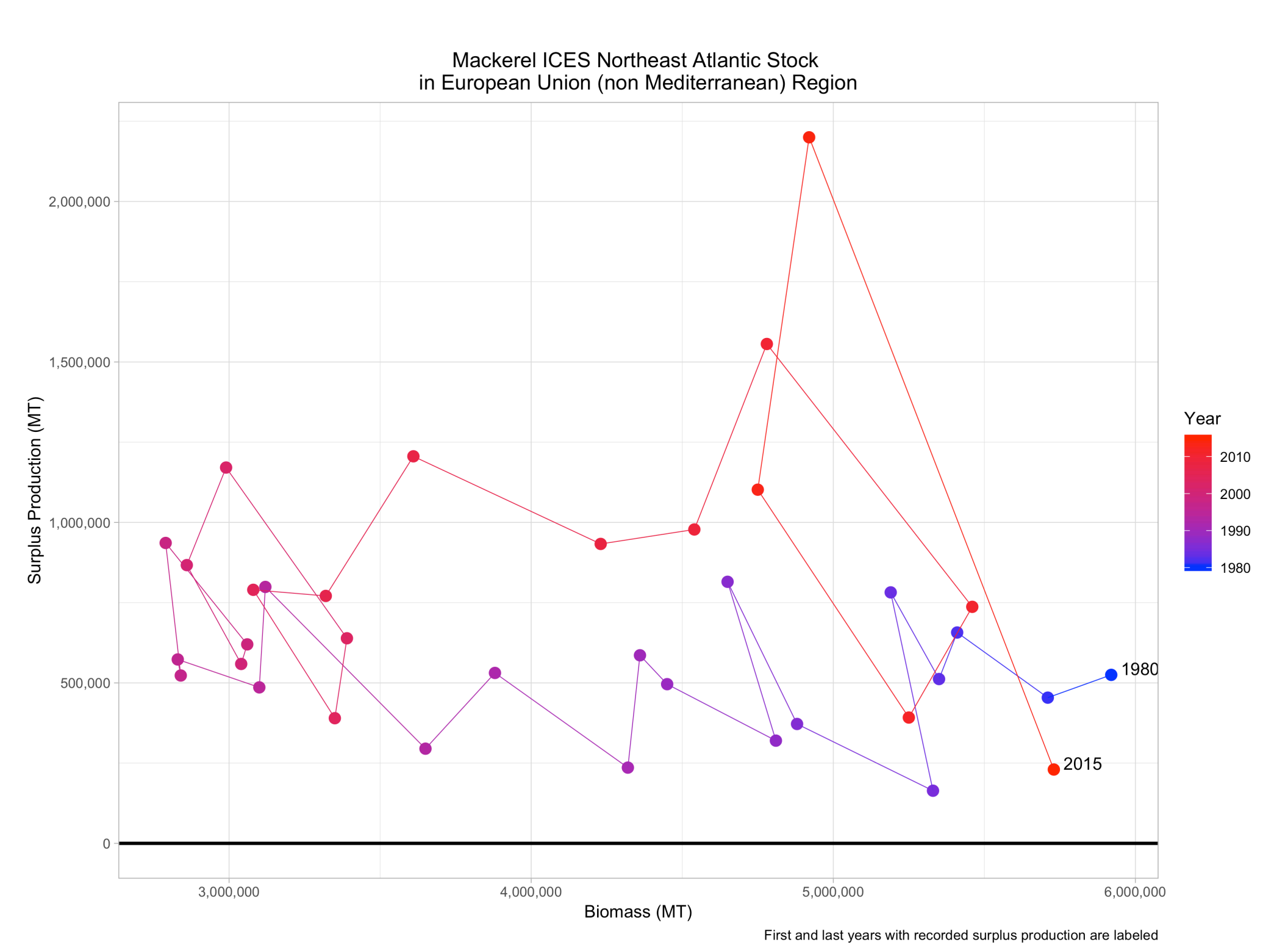

Herring IIIa, VIId and North Sea - European Union (non Mediterranean) Region
Stock represents 7.32% of average absolute surplus production
Surplus production (MT)
1,000,000
500,000
0
-500,000
1950
1960
1970
1980
1990
2000
2010
2020
Taxonomy group
forage fish

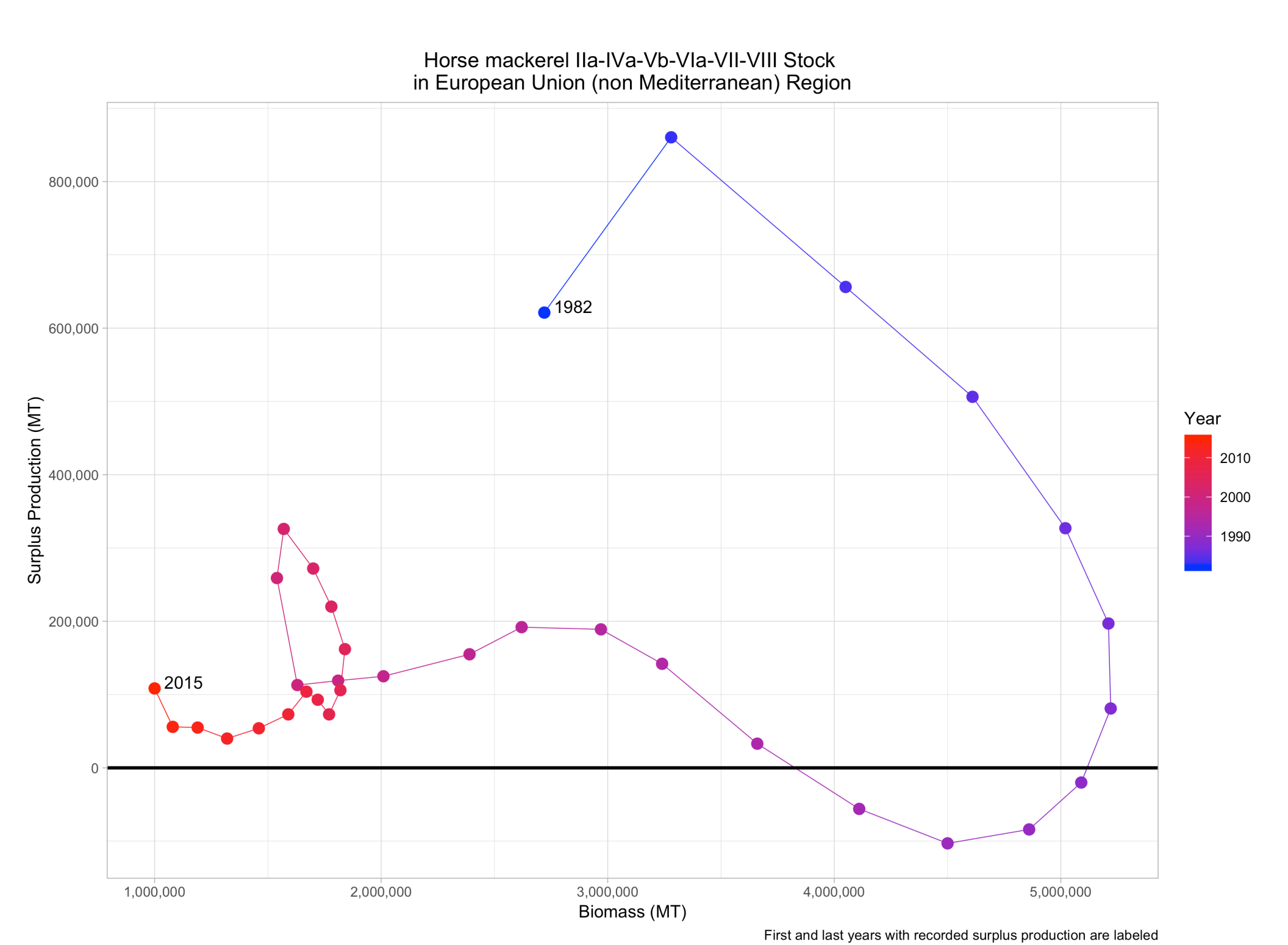

Mackerel ICES Northeast Atlantic - European Union (non Mediterranean) Region
Stock represents 10.1% of average absolute surplus production
Surplus production (MT)
2,000,000
1,500,000
1,000,000
500,000
0
1950
1960
1970
1980
1990
2000
2010
2020
Taxonomy group
carangids-mackerels


Horse mackerel IIa-IVa-Vb-VIa-VII-VIII - European Union (non Mediterranean) Region
Stock represents 2.79% of average absolute surplus production
Surplus production (MT)
800,000
600,000
400,000
200,000
0
1950
1960
1970
1980
1990
2000
2010
2020
Taxonomy group
carangids-mackerels


Blue Whiting Northeast Atlantic Stock
in European Union (non Mediterranean) Region
Surplus Production (MT)
3,000,000
2,000,000
1,000,000
0
2,500,000
5,000,000
7,500,000
10,000,000
Biomass (MT)
1981
2016
Year
2010
2000
1990
First and last years with recorded surplus production are labeled


Herring IIIa, VIId and North Sea Stock
in European Union (non Mediterranean) Region
Surplus Production (MT)
1,000,000
500,000
0
-500,000
0
2,000,000
4,000,000
6,000,000
8,000,000
Biomass (MT)
1950
2016
Year
2000
1980
1960
First and last years with recorded surplus production are labeled


Mackerel ICES Northeast Atlantic Stock
in European Union (non Mediterranean) Region
Surplus Production (MT)
2,000,000
1,500,000
1,000,000
500,000
0
3,000,000
4,000,000
5,000,000
6,000,000
Biomass (MT)
Year
2010
2000
1990
1980
1980
2015
First and last years with recorded surplus production are labeled


Horse mackerel IIa-IVa-Vb-VIa-VII-VIII Stock
in European Union (non Mediterranean) Region
800,000
600,000
400,000
200,000
0
Surplus Production (MT)
1982
2015
1,000,000
2,000,000
3,000,000
4,000,000
5,000,000
Biomass (MT)
Year
2010
2000
1990
First and last years with recorded surplus production are labeled