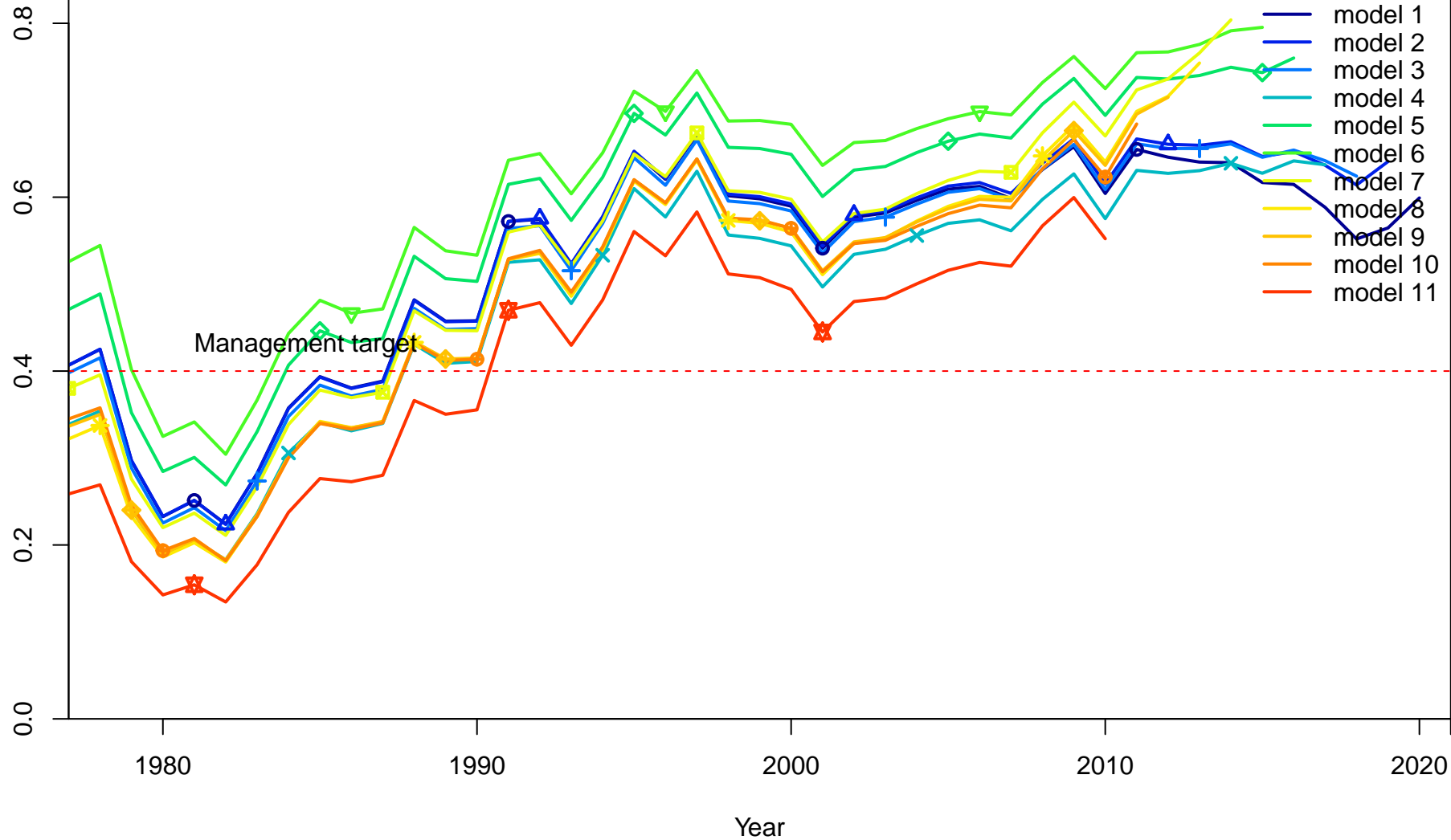
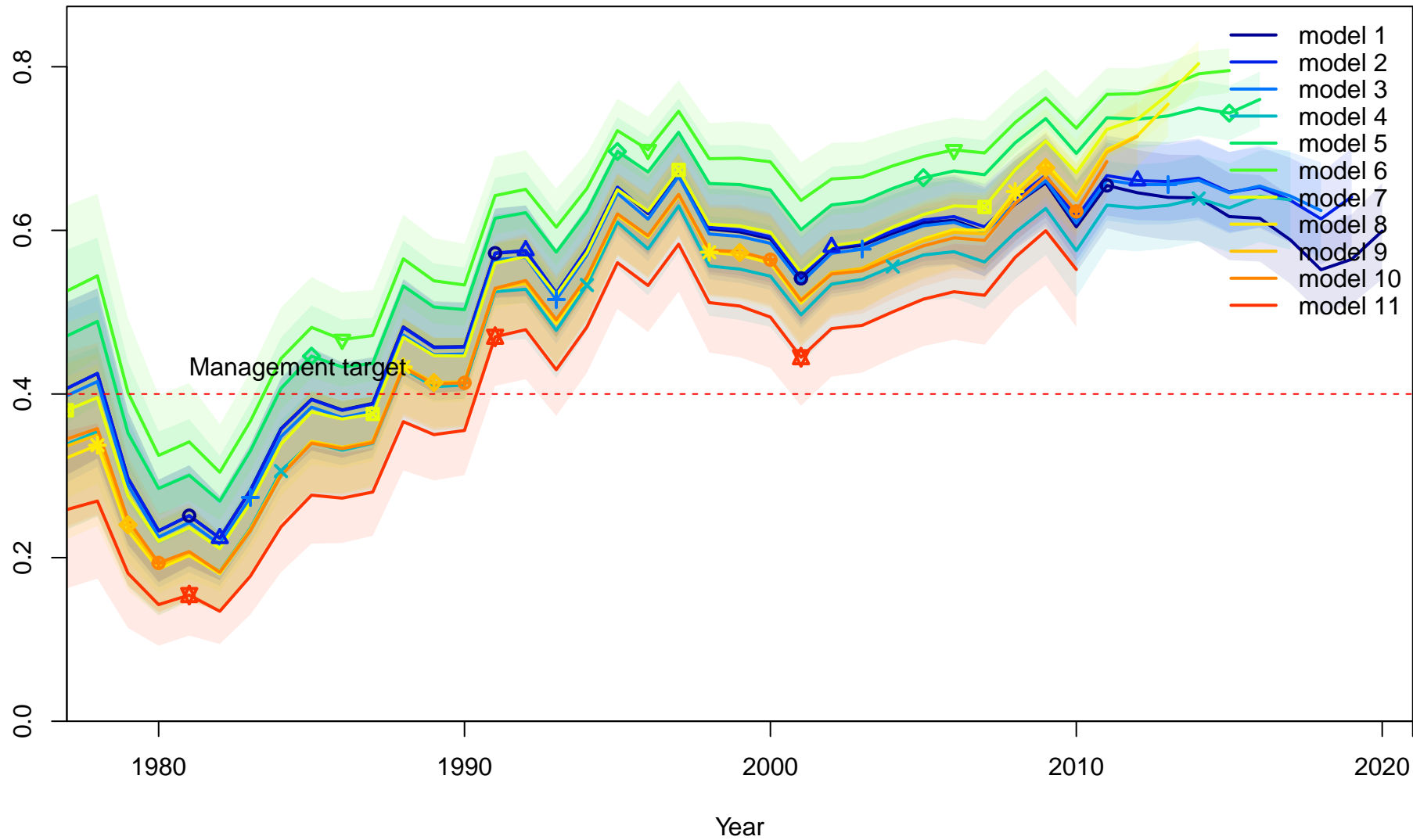


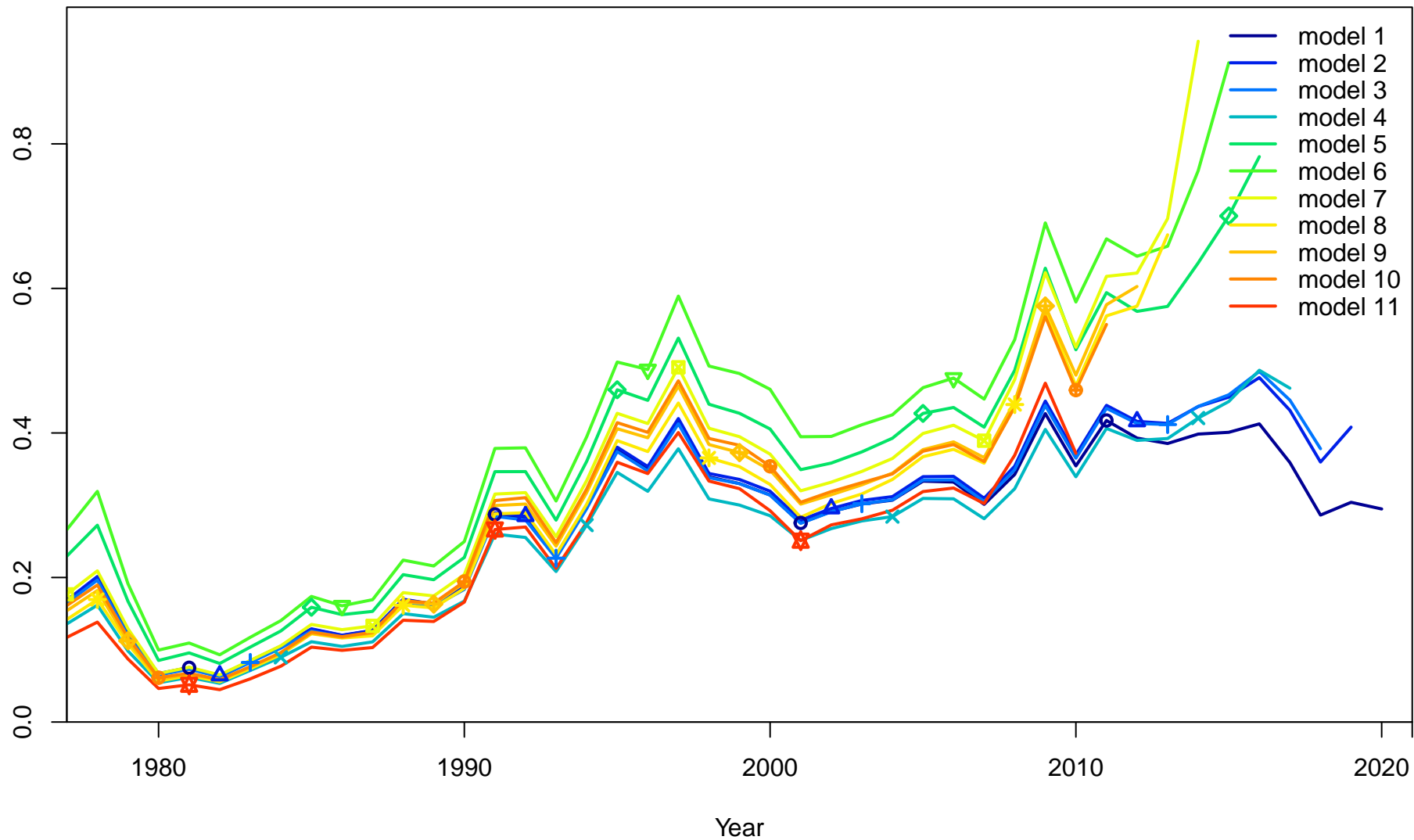
1-SPR



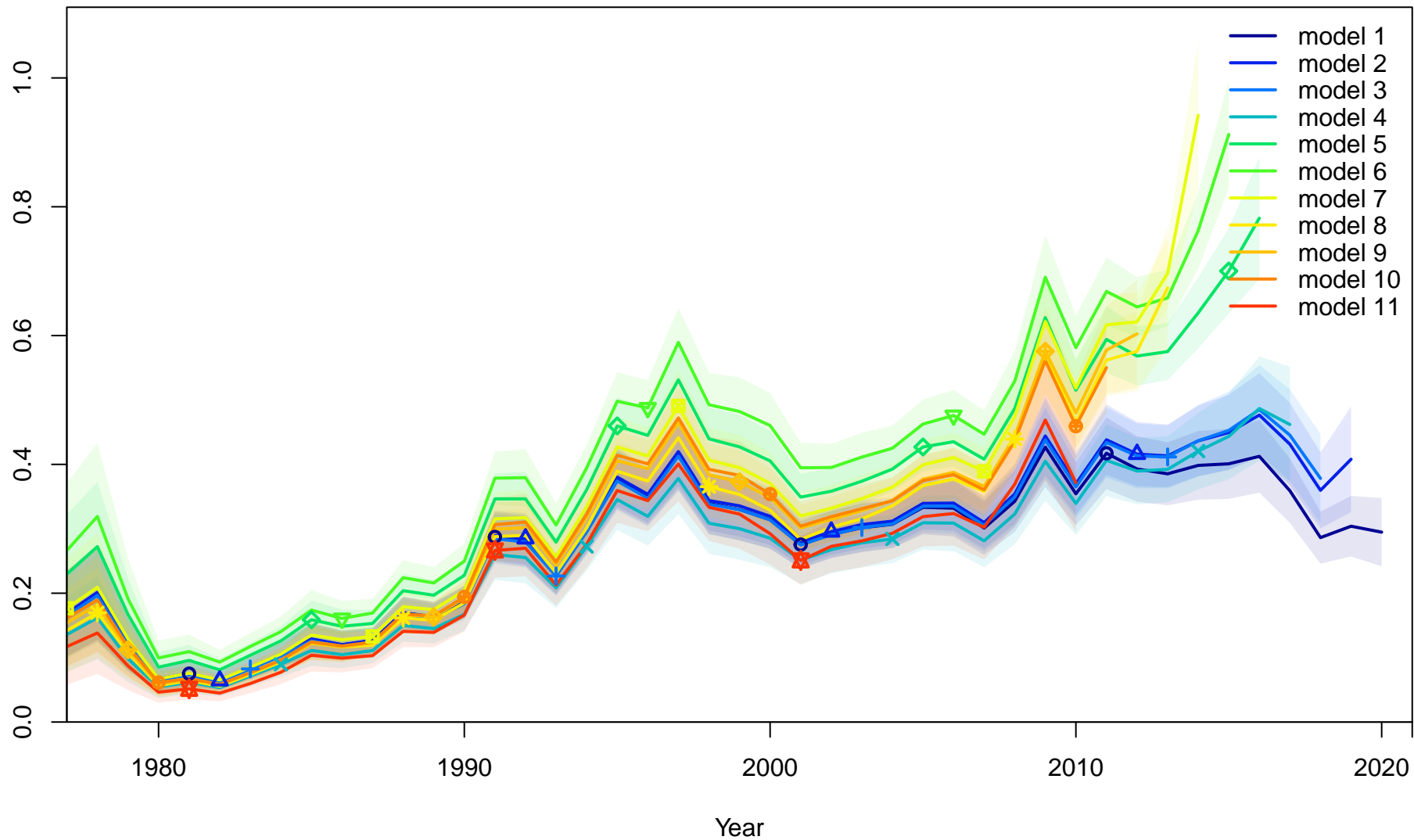
1-SPR



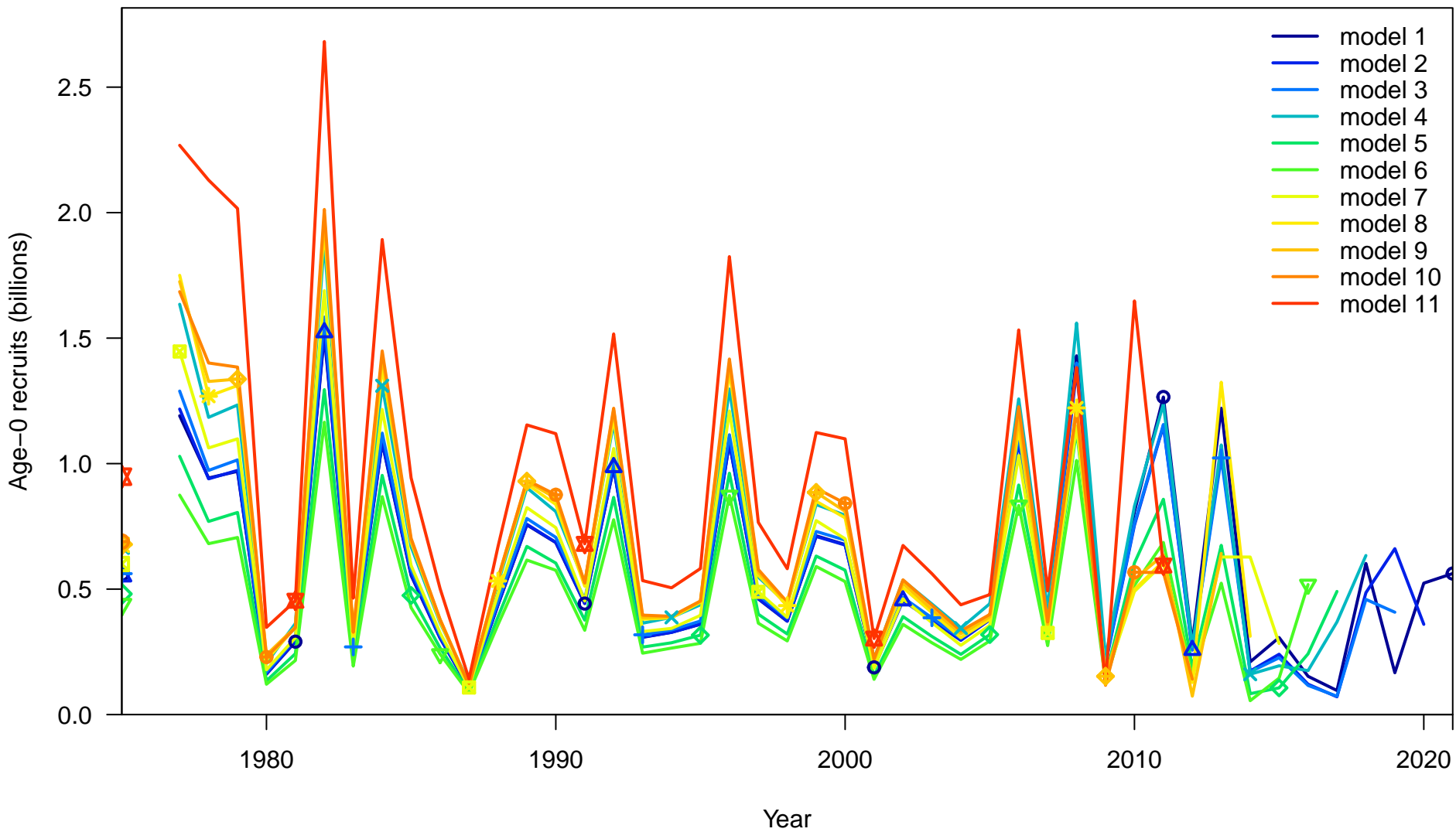
abs F<sub>i</sub> with F=sum(full F<sub>s</sub>)



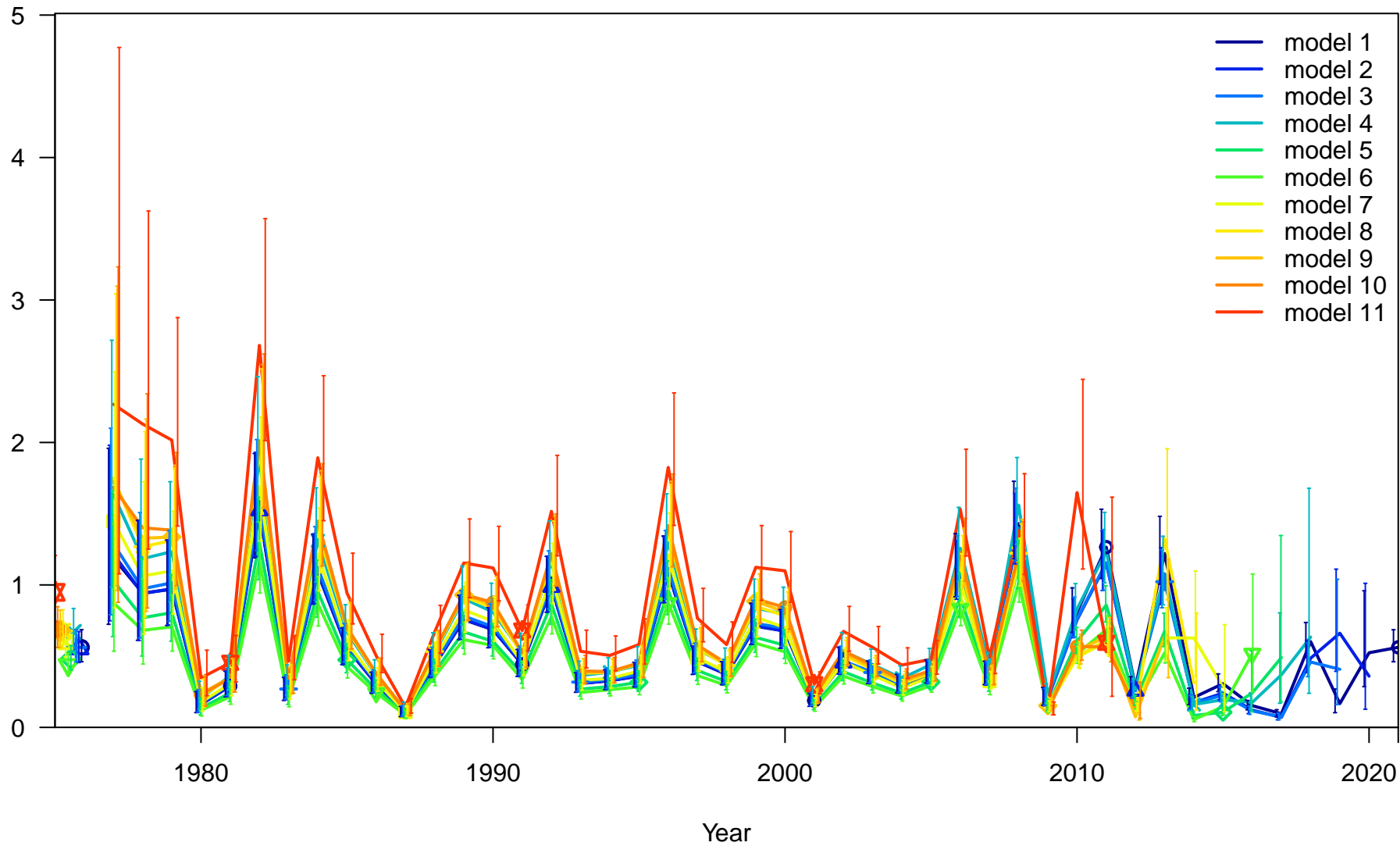
abs  $F_i$  with  $F = \text{sum}(\text{full } F_s)$

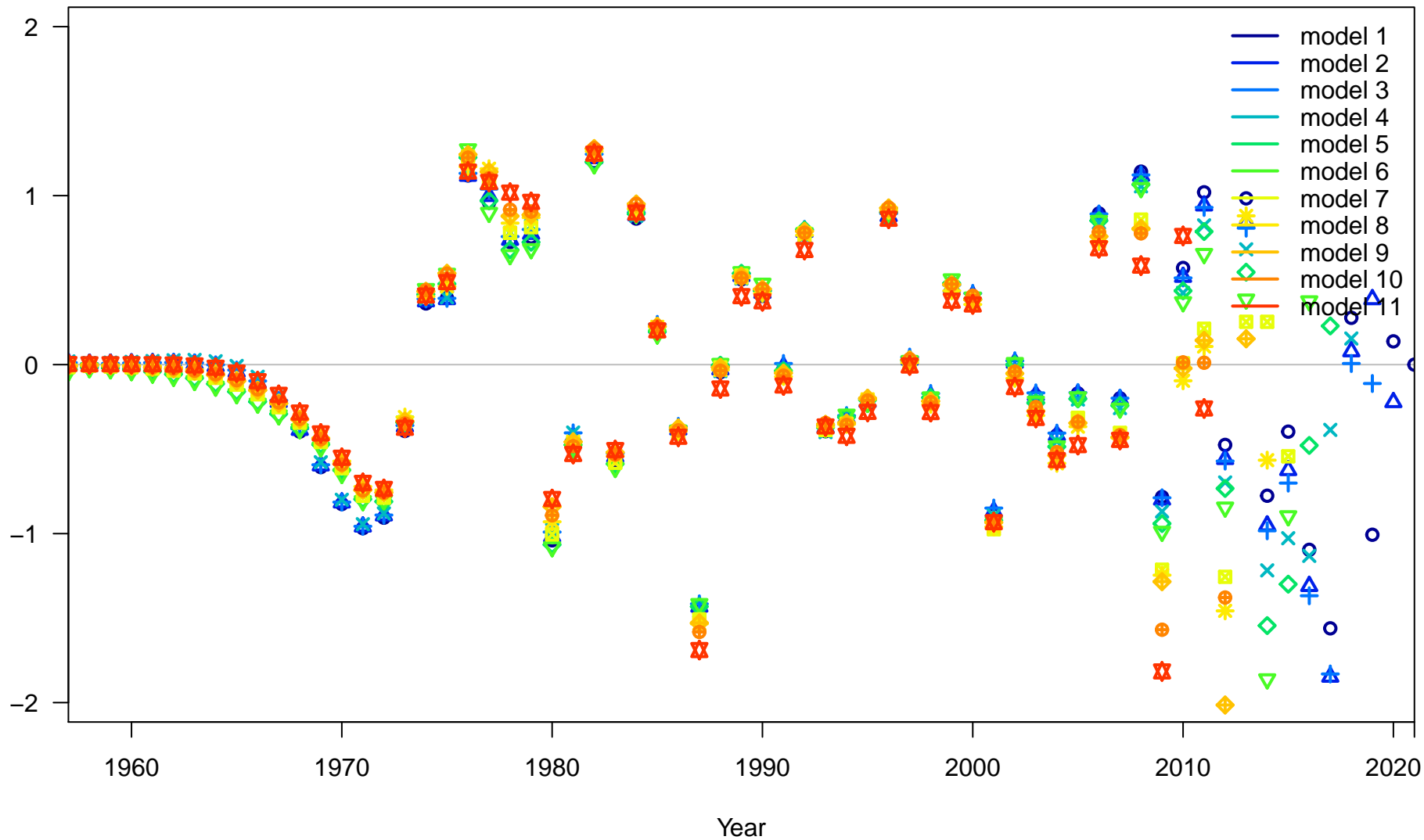




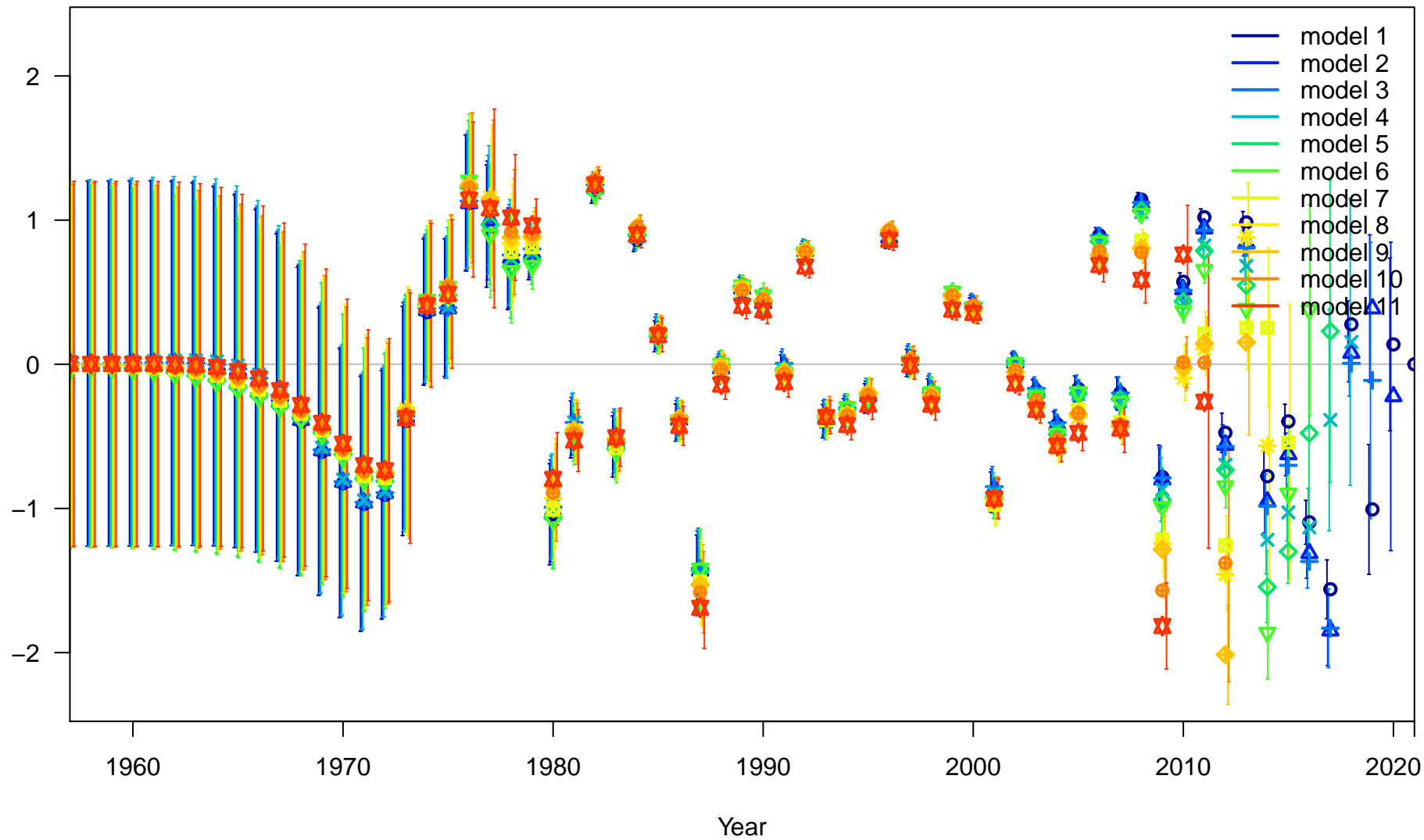


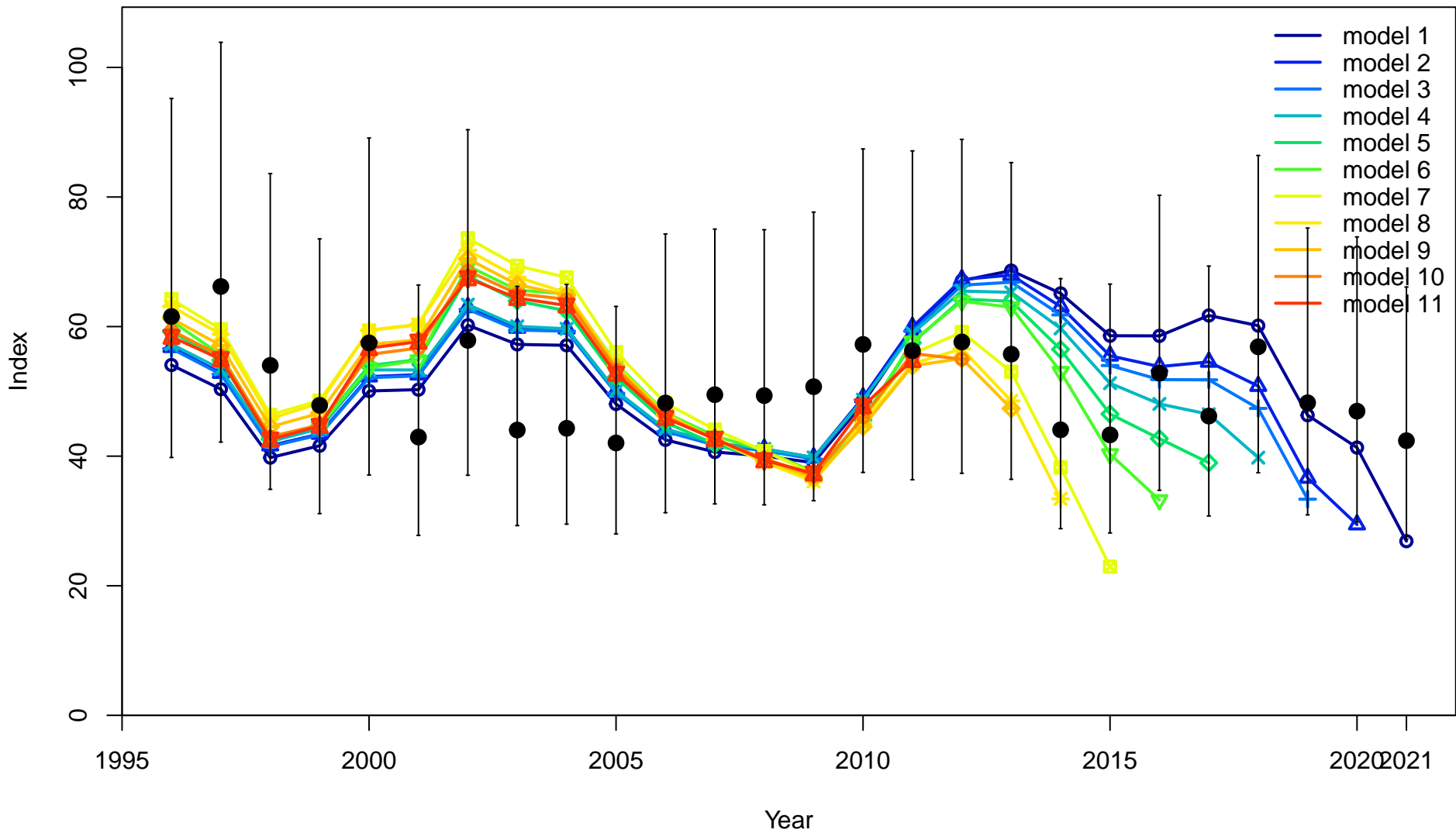
Age-0 recruits (billions)

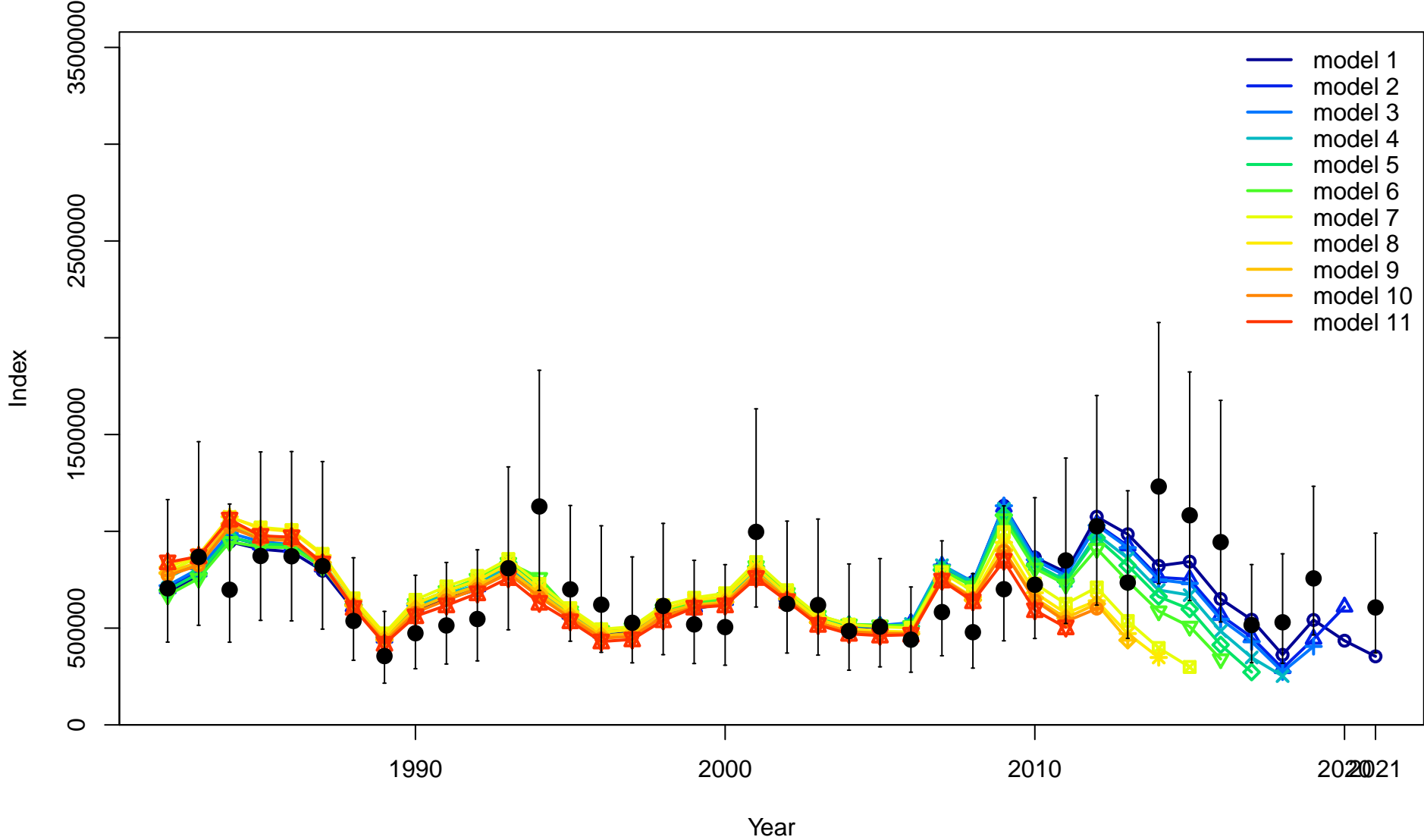




Recruitment deviations







Log index

4.5

4.0

3.5

1995

2000

2005

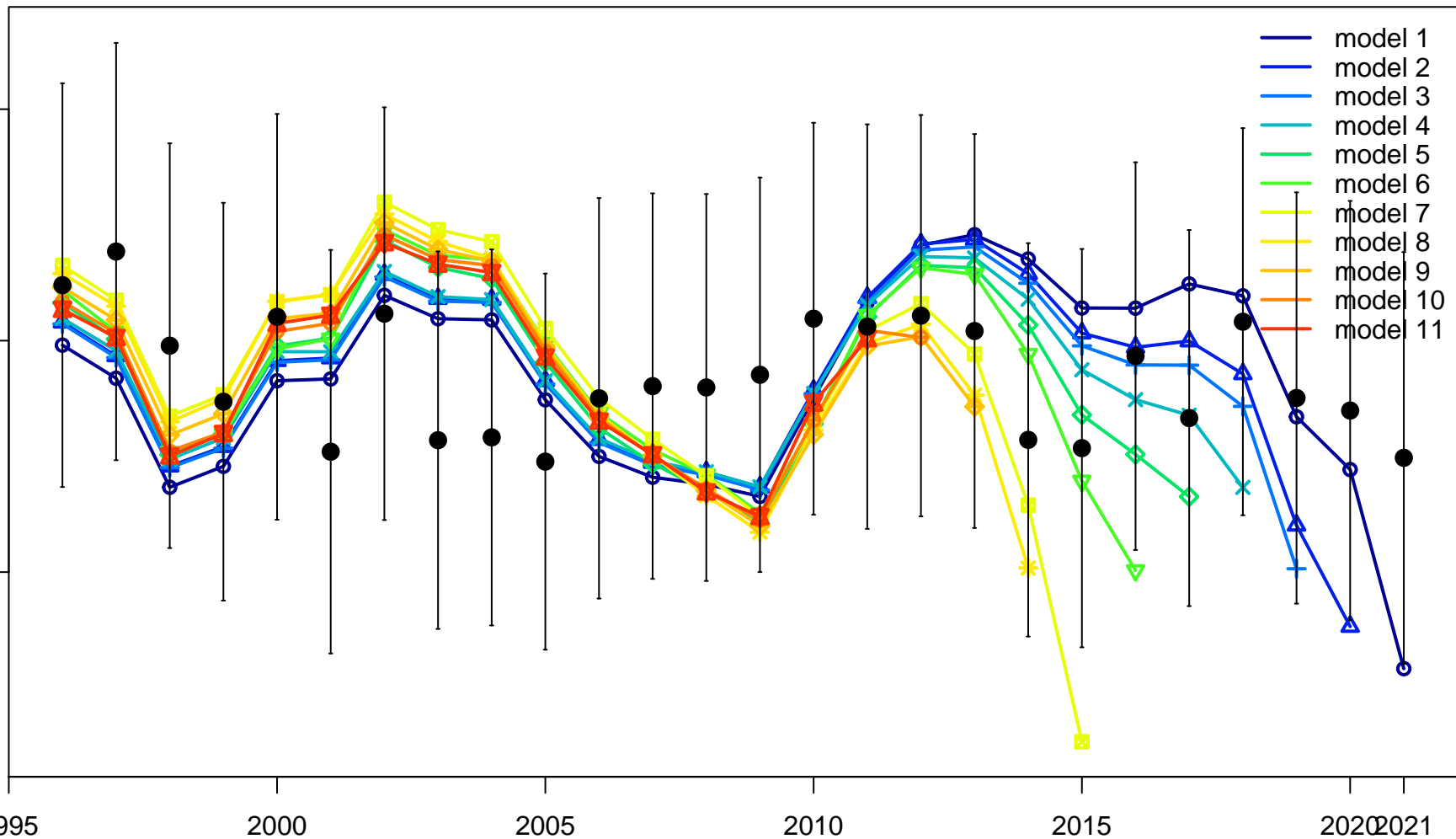
2010

2015

2020 2021

Year

- model 1
- model 2
- model 3
- model 4
- model 5
- model 6
- model 7
- model 8
- model 9
- model 10
- model 11



Log index

15.0  
14.5  
14.0  
13.5  
13.0  
12.5  
12.0

1990

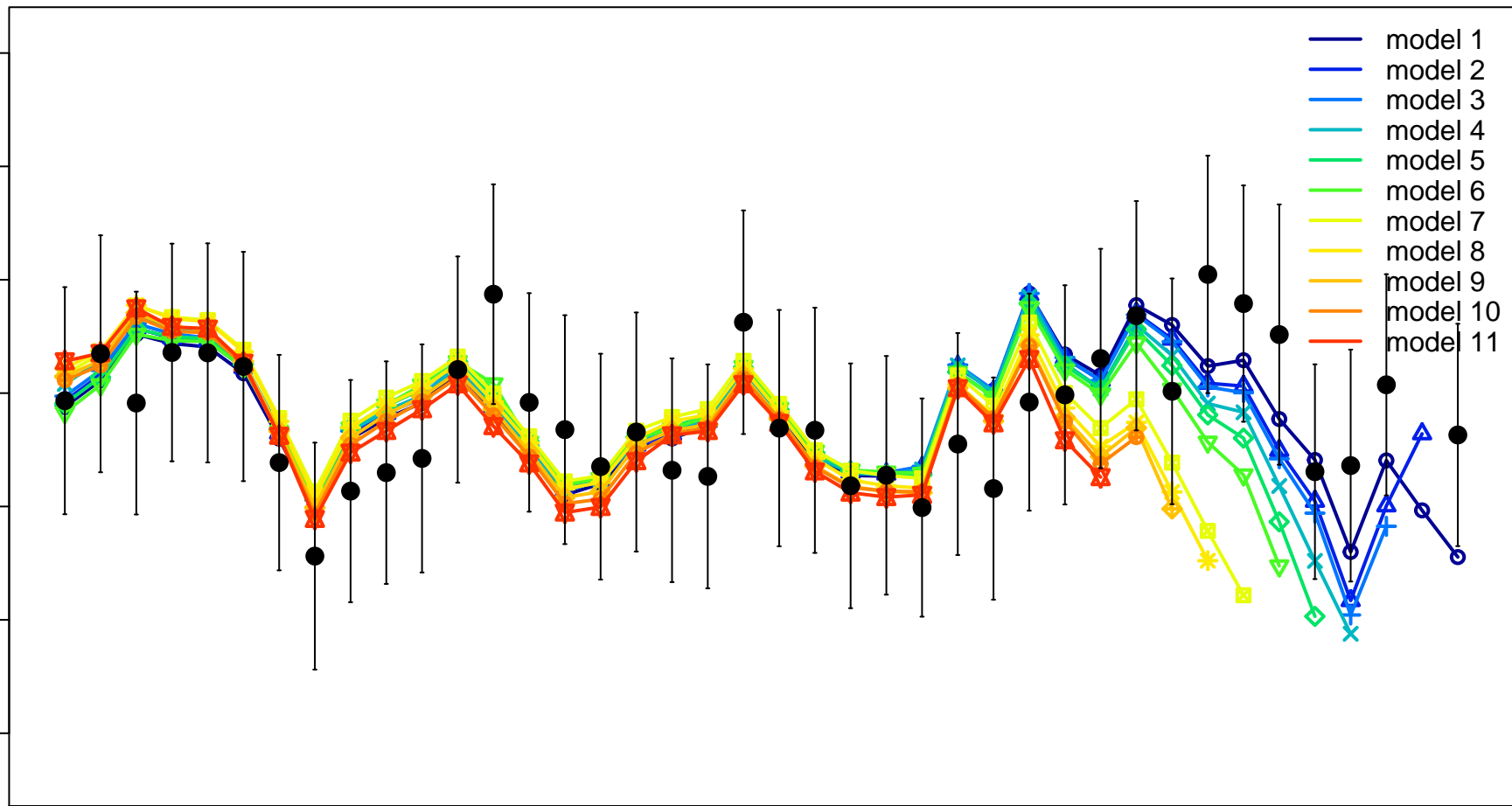
2000

2010

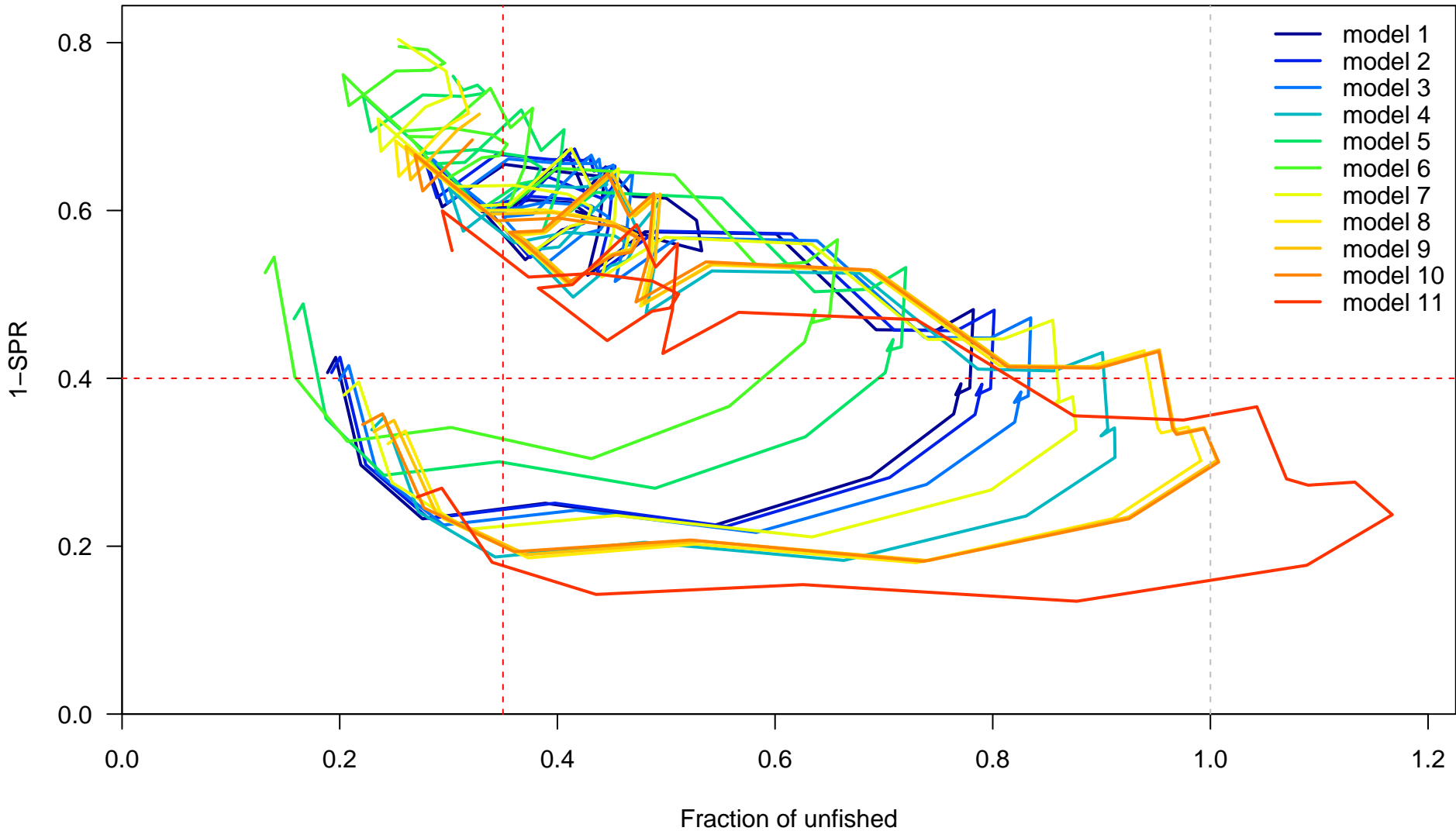
2020  
2021

Year

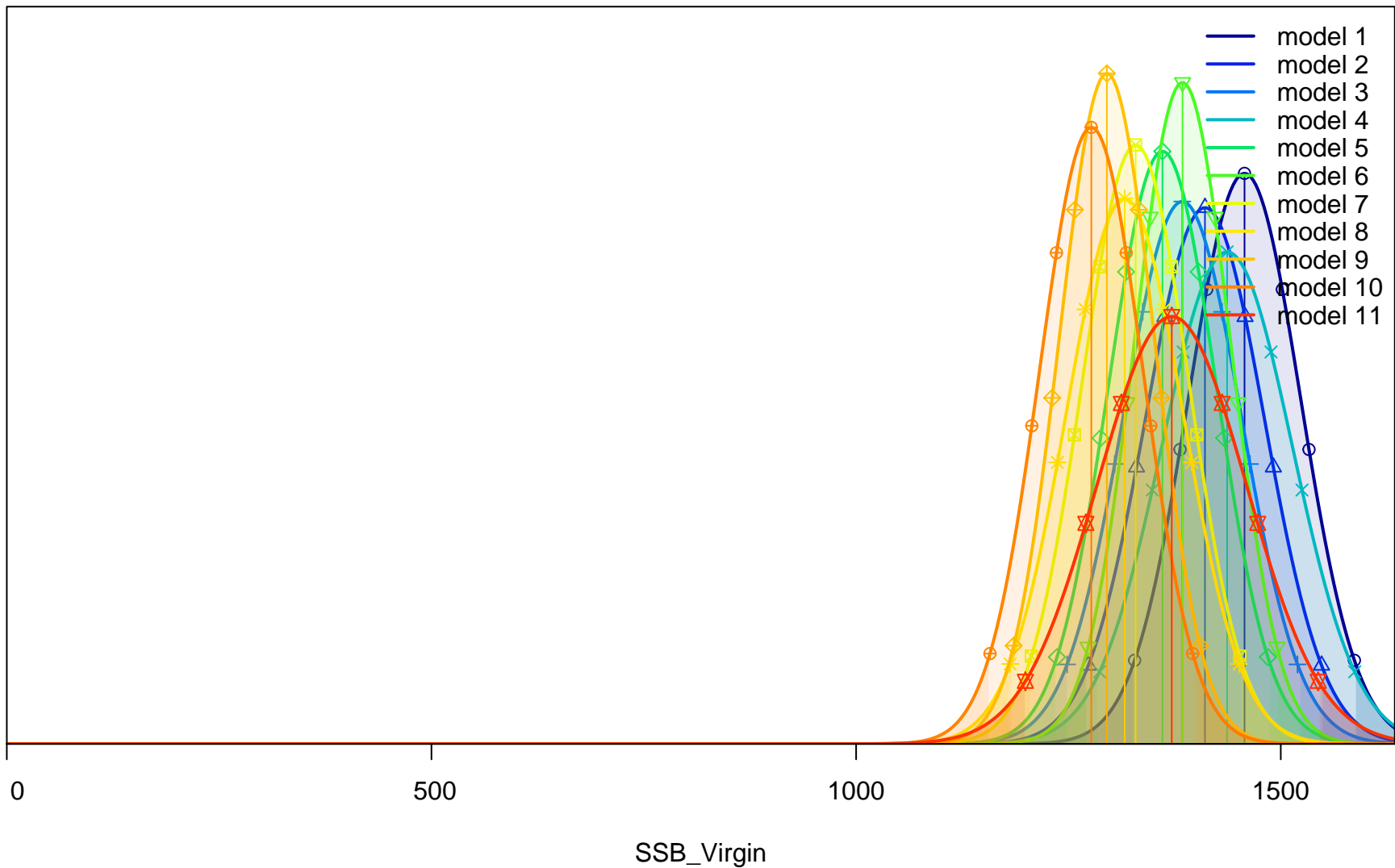
- model 1
- model 2
- model 3
- model 4
- model 5
- model 6
- model 7
- model 8
- model 9
- model 10
- model 11



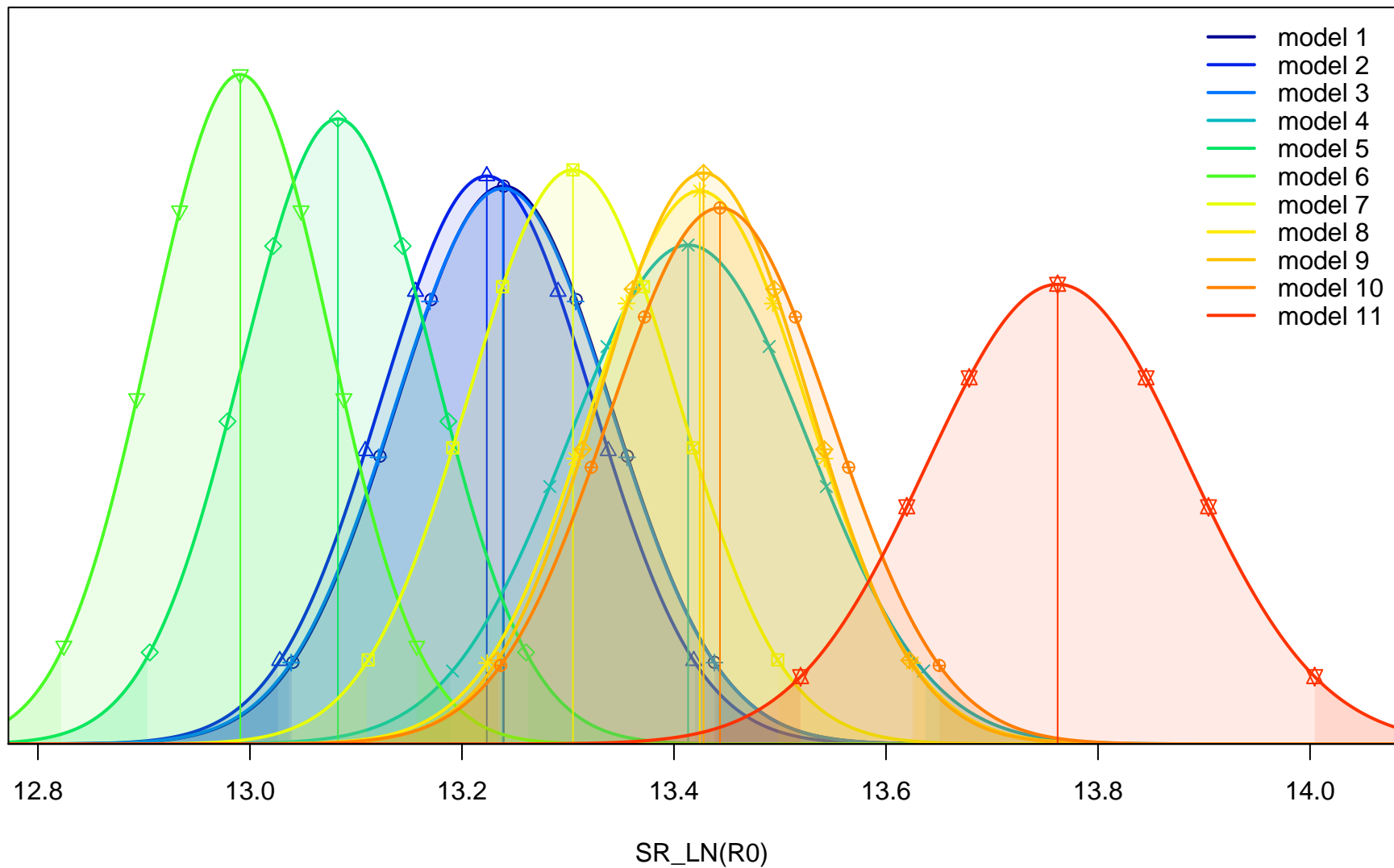


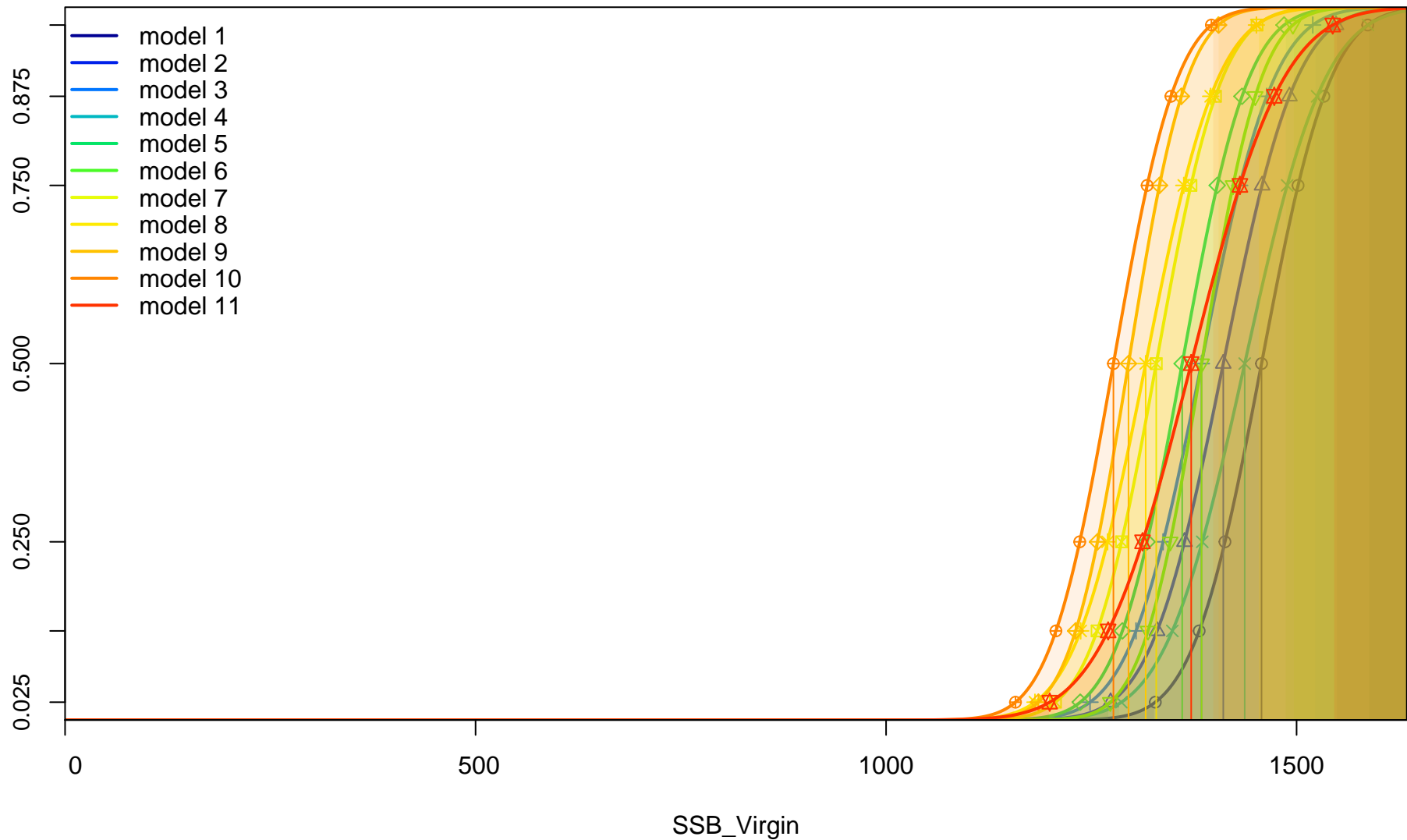


Density



Density





Cumulative Probability

