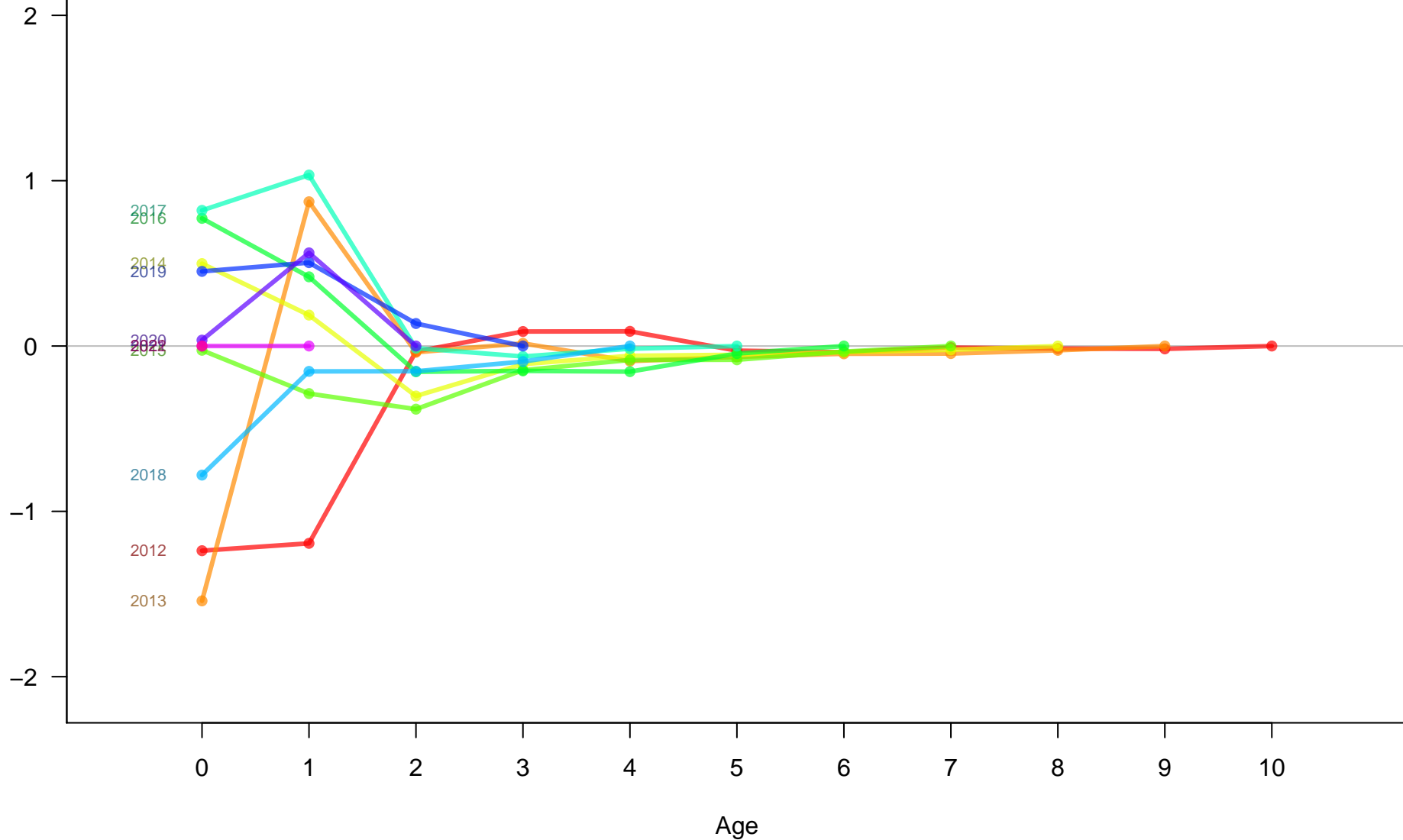
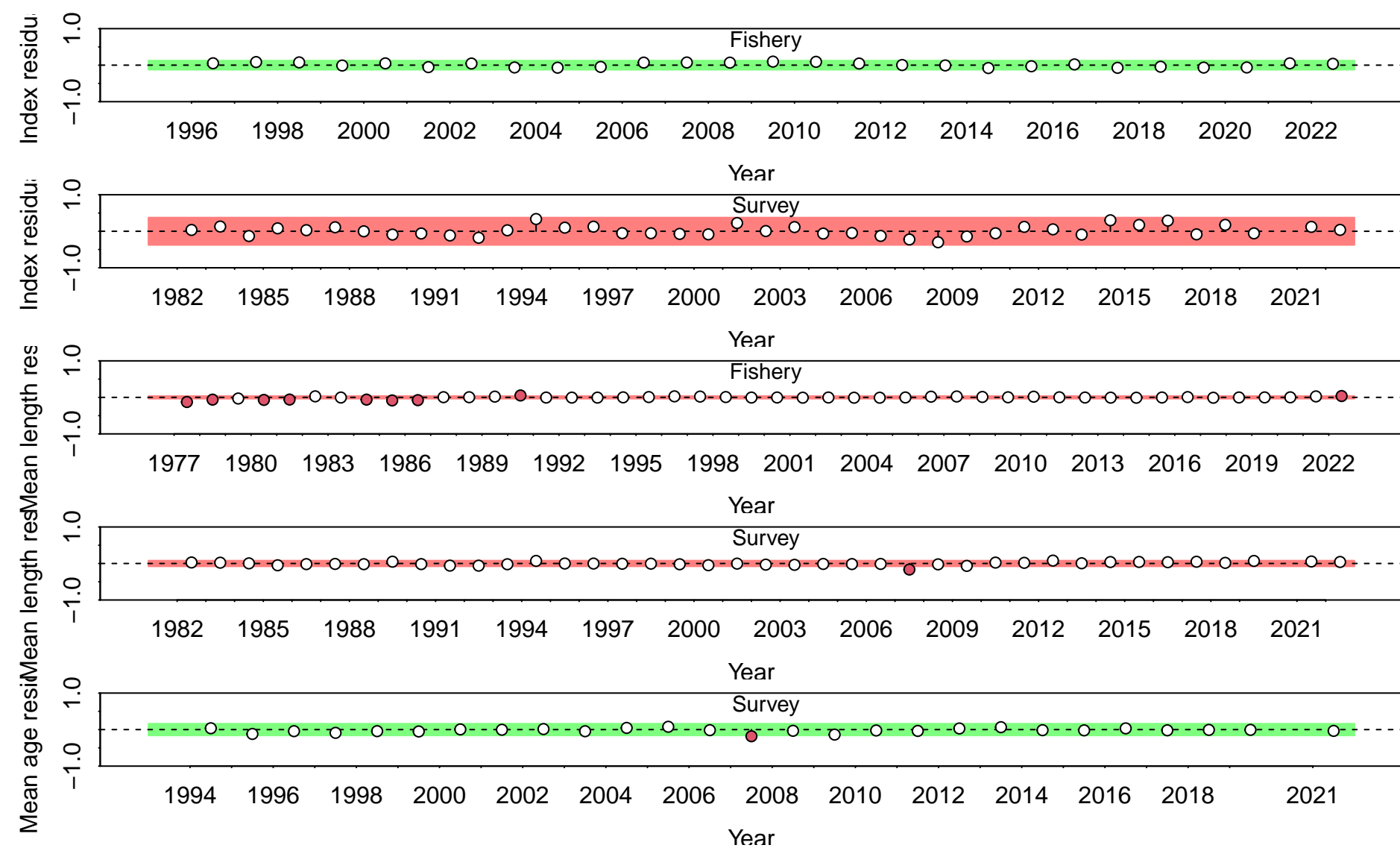
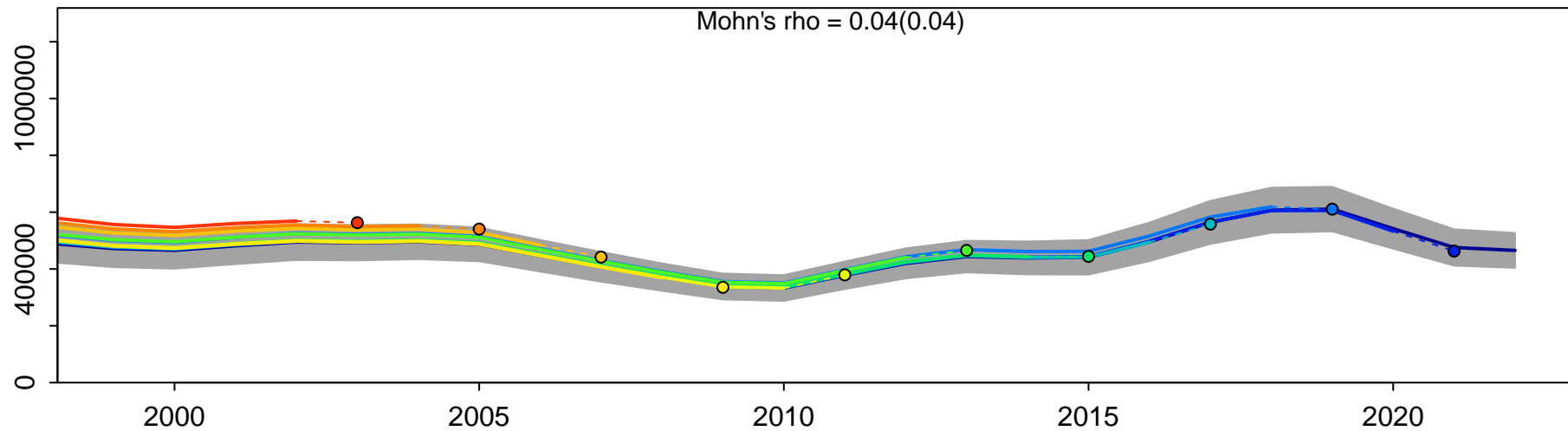
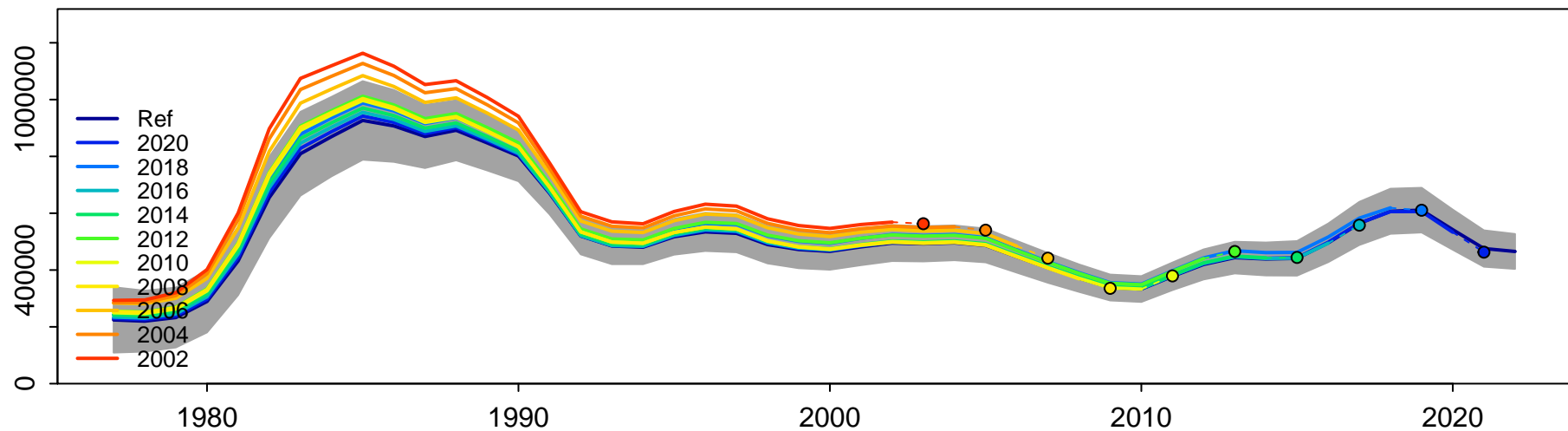
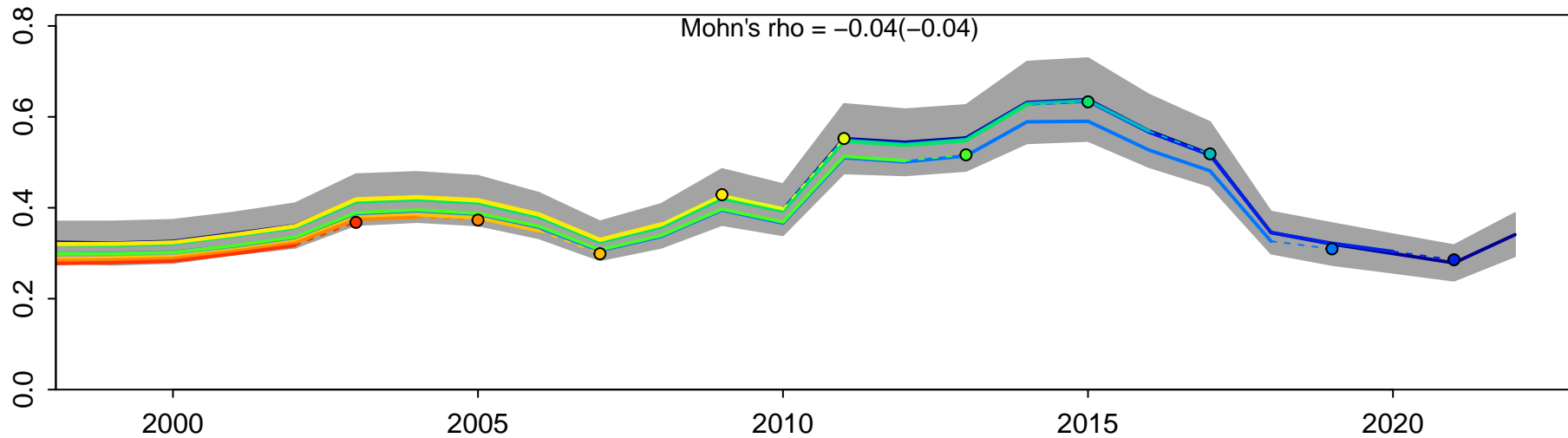
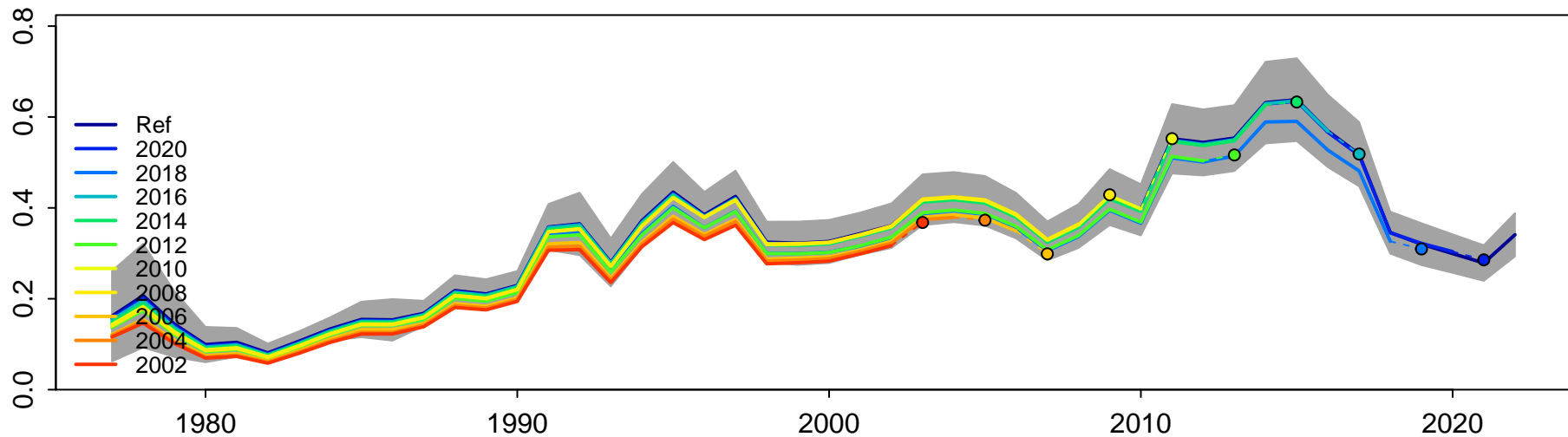


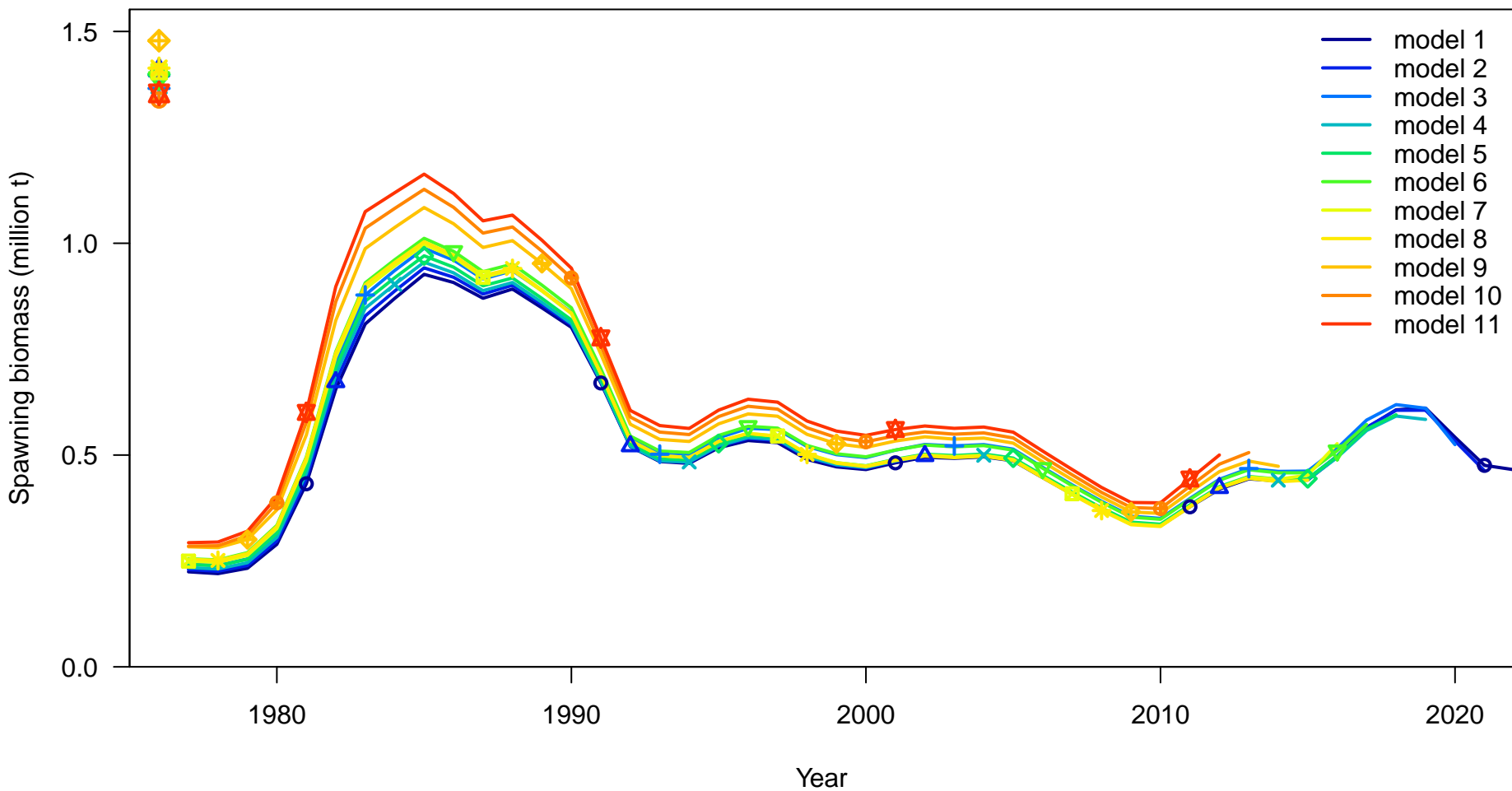
~~Retrospective analysis of recruitment deviations~~

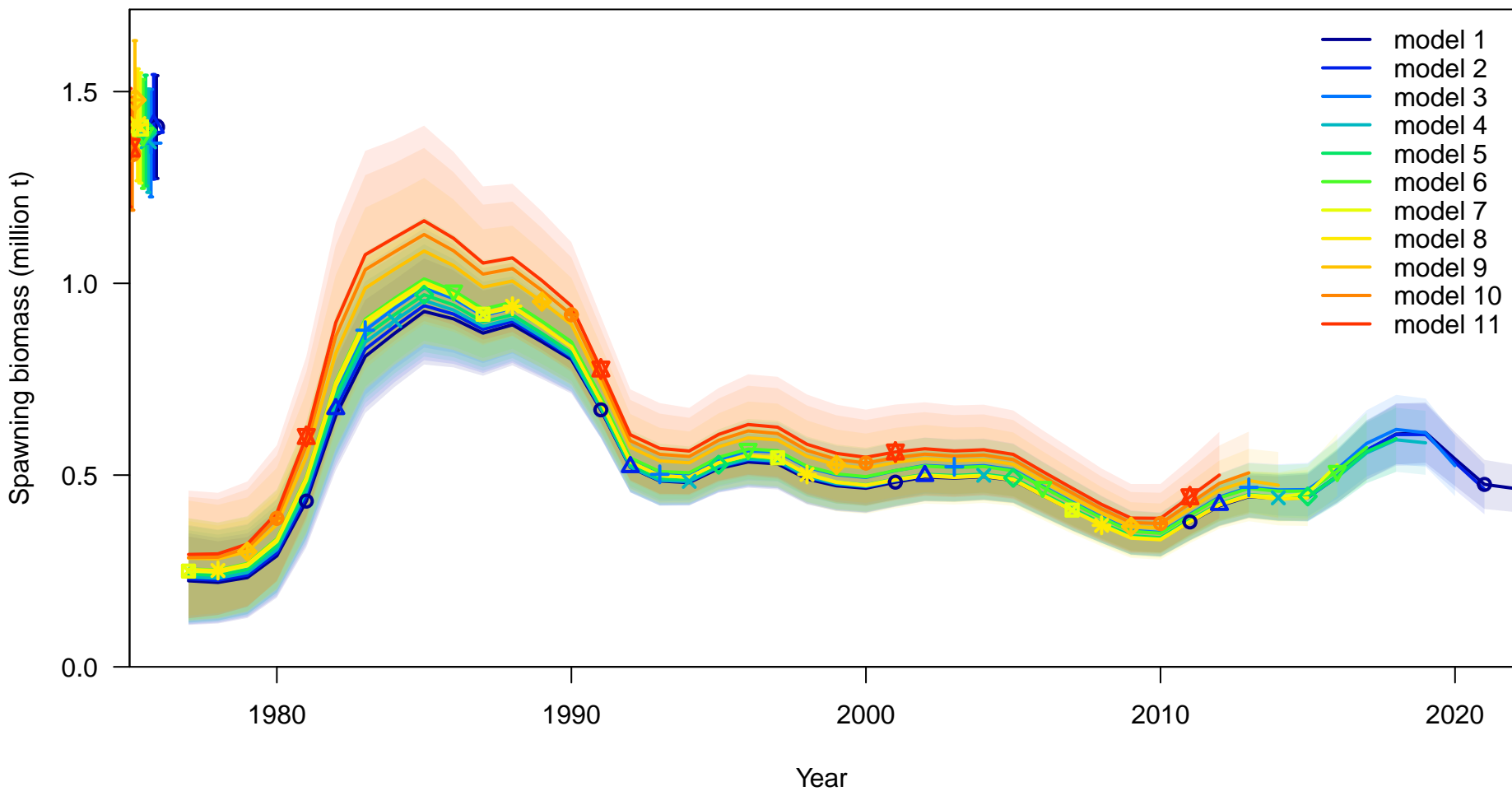


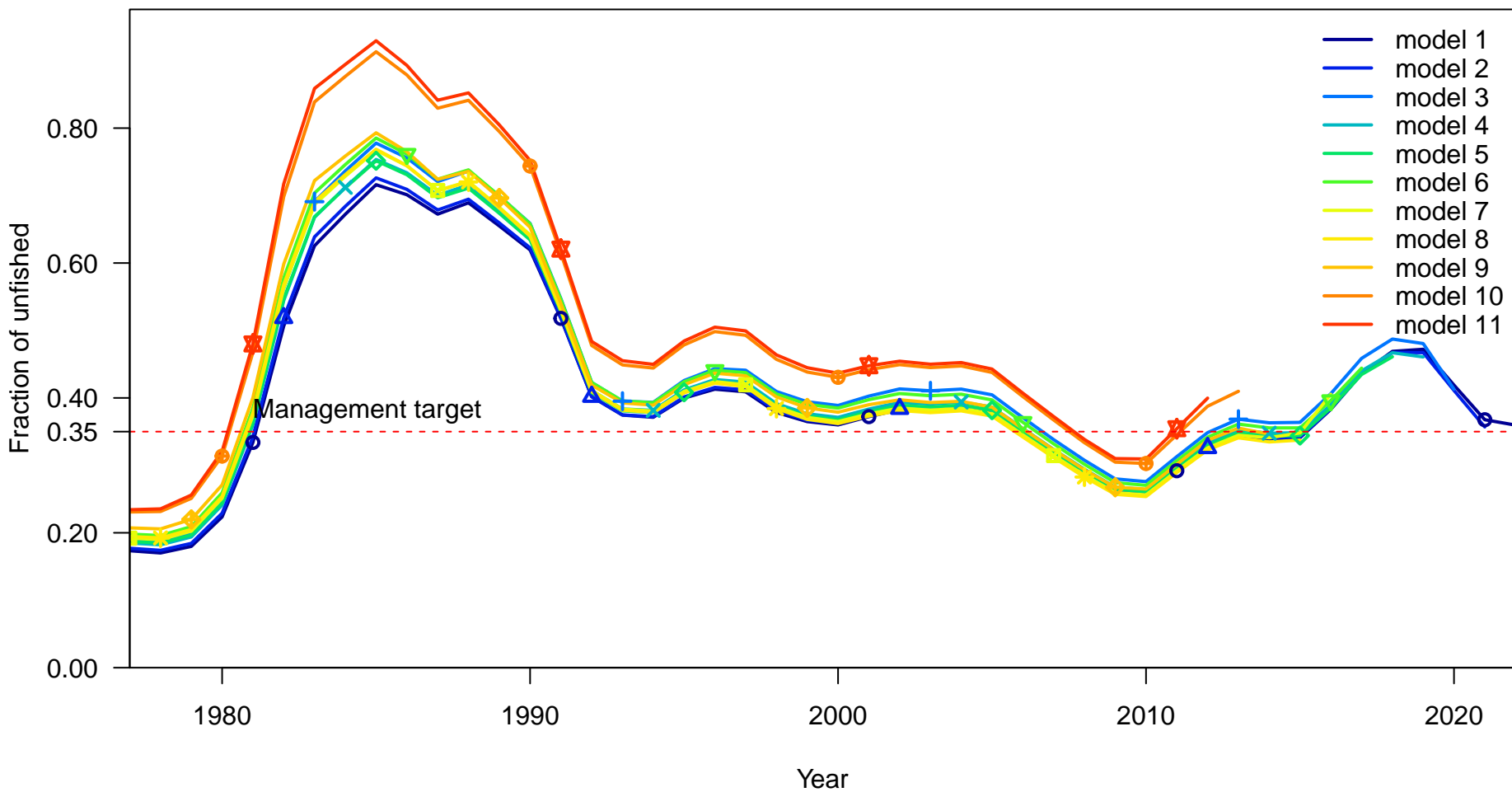


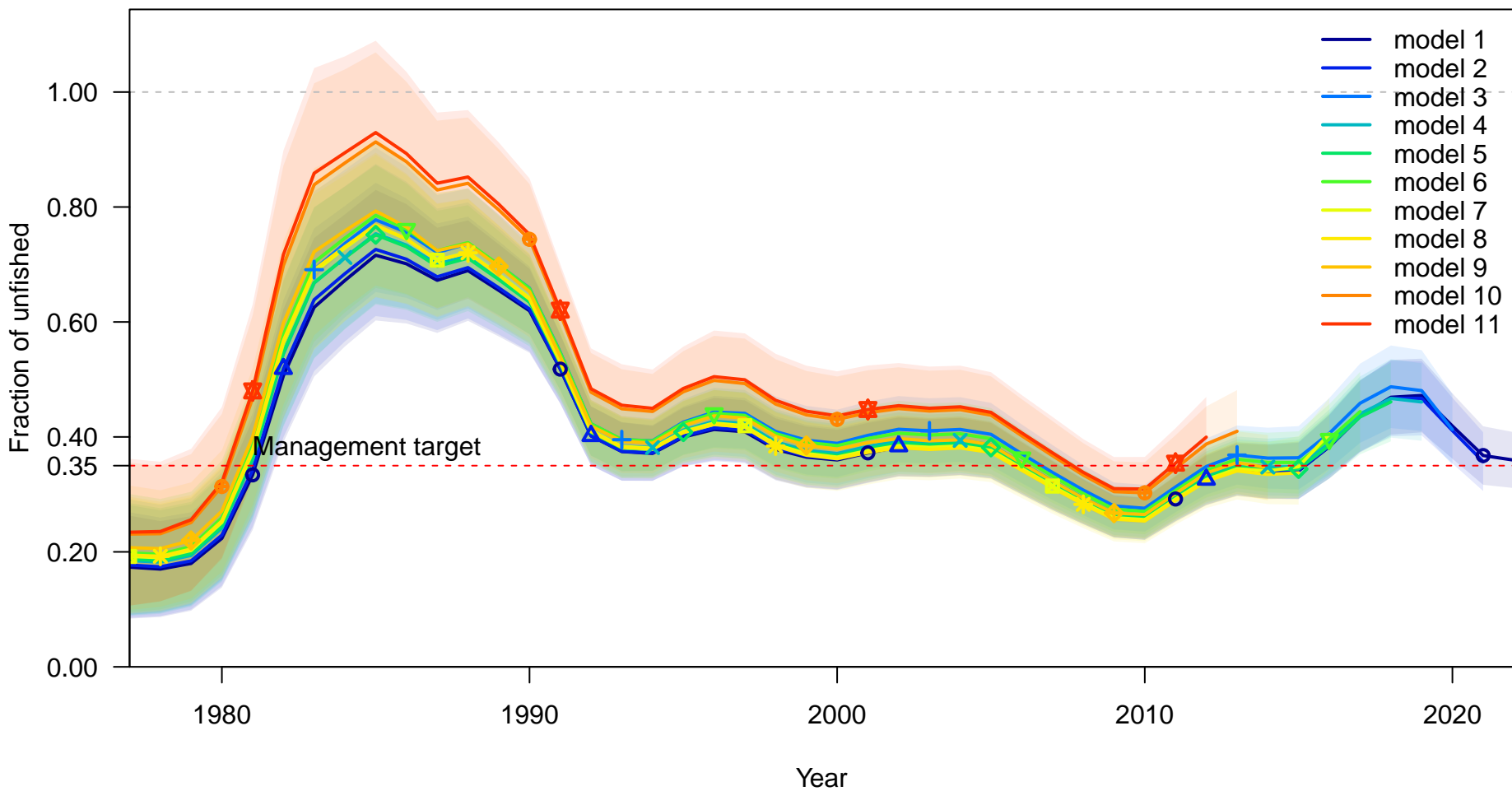




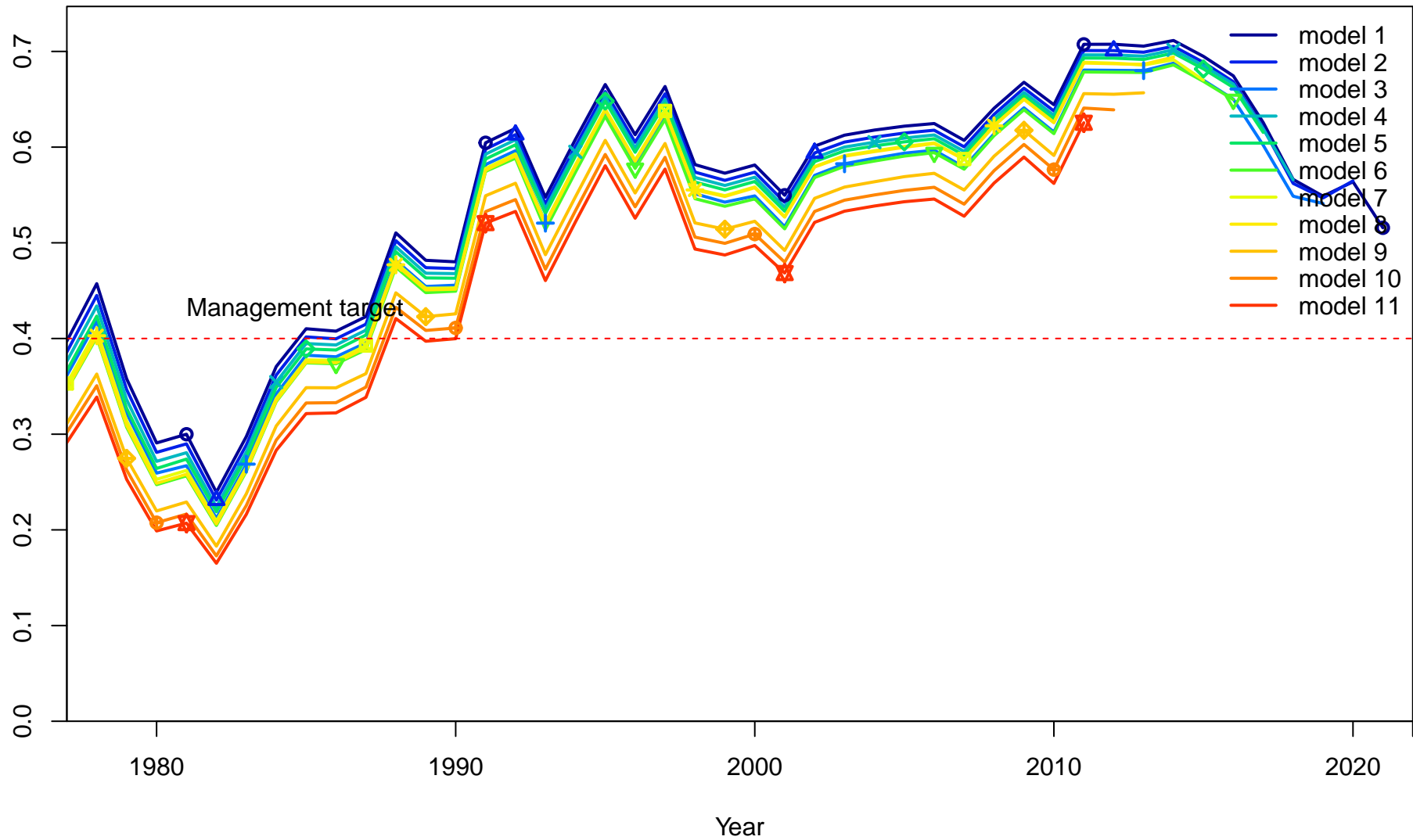








1-SPR



1-SPR

0.6

0.4

0.2

0.0

1980

1990

2000

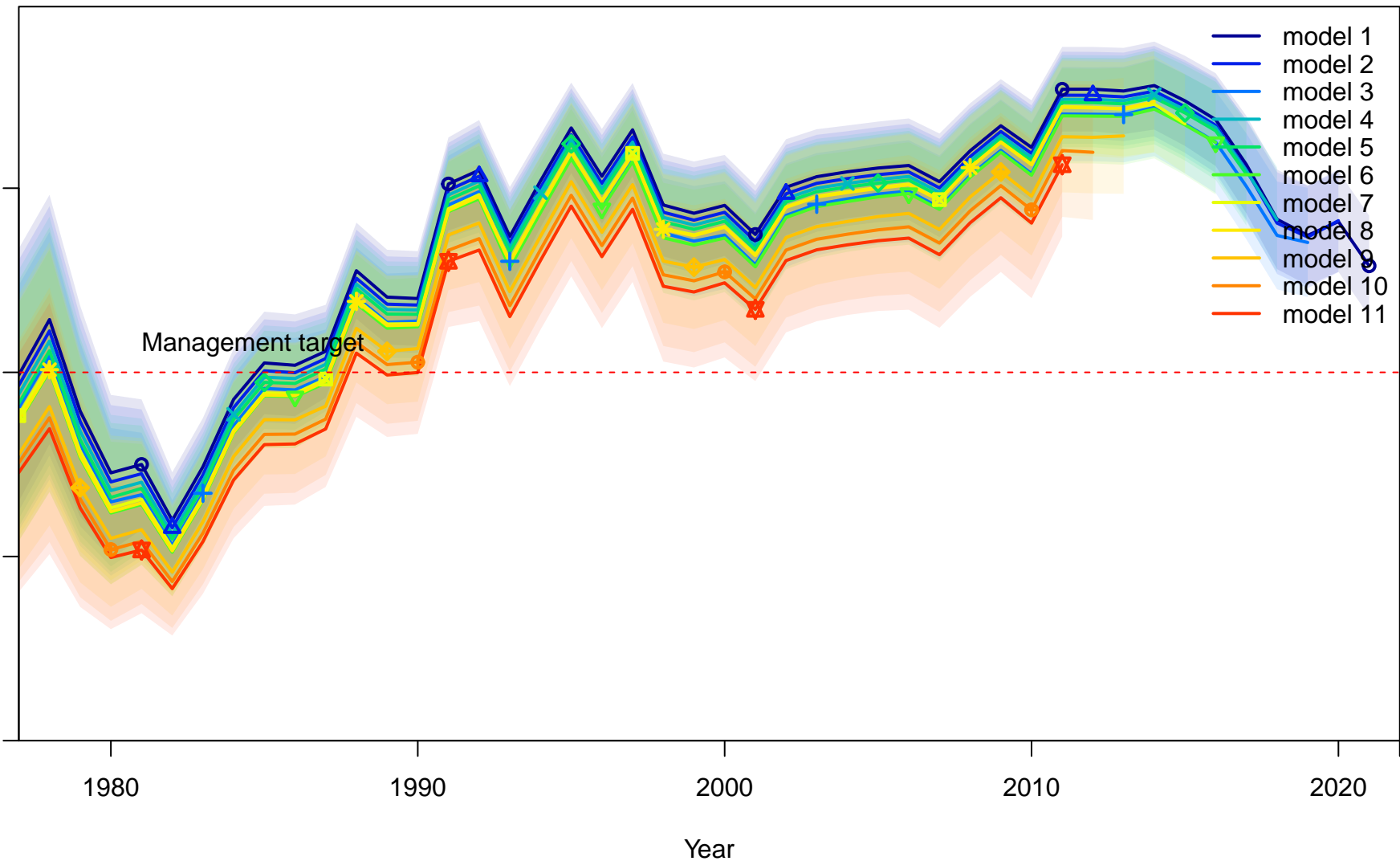
2010

2020

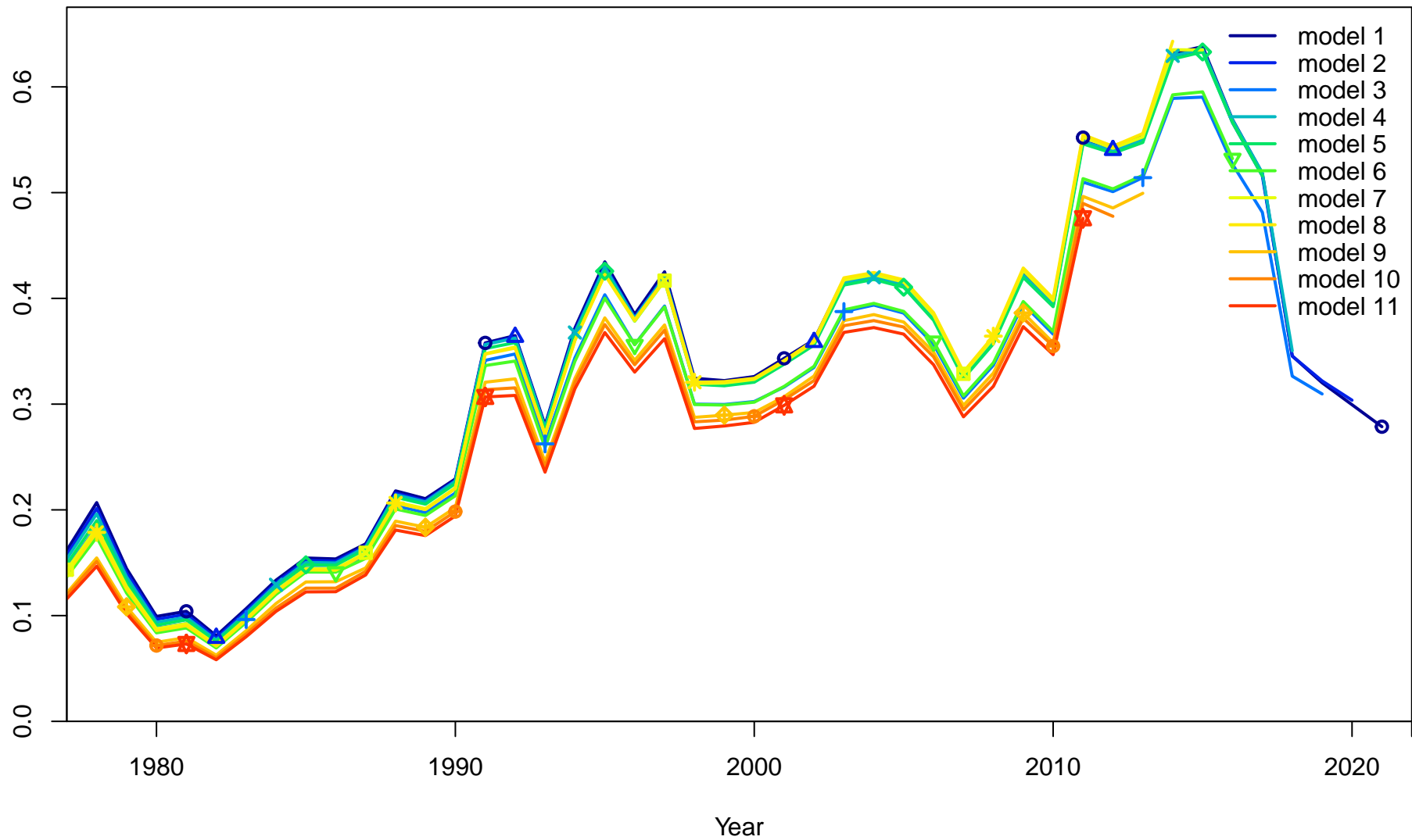
Year

Management target

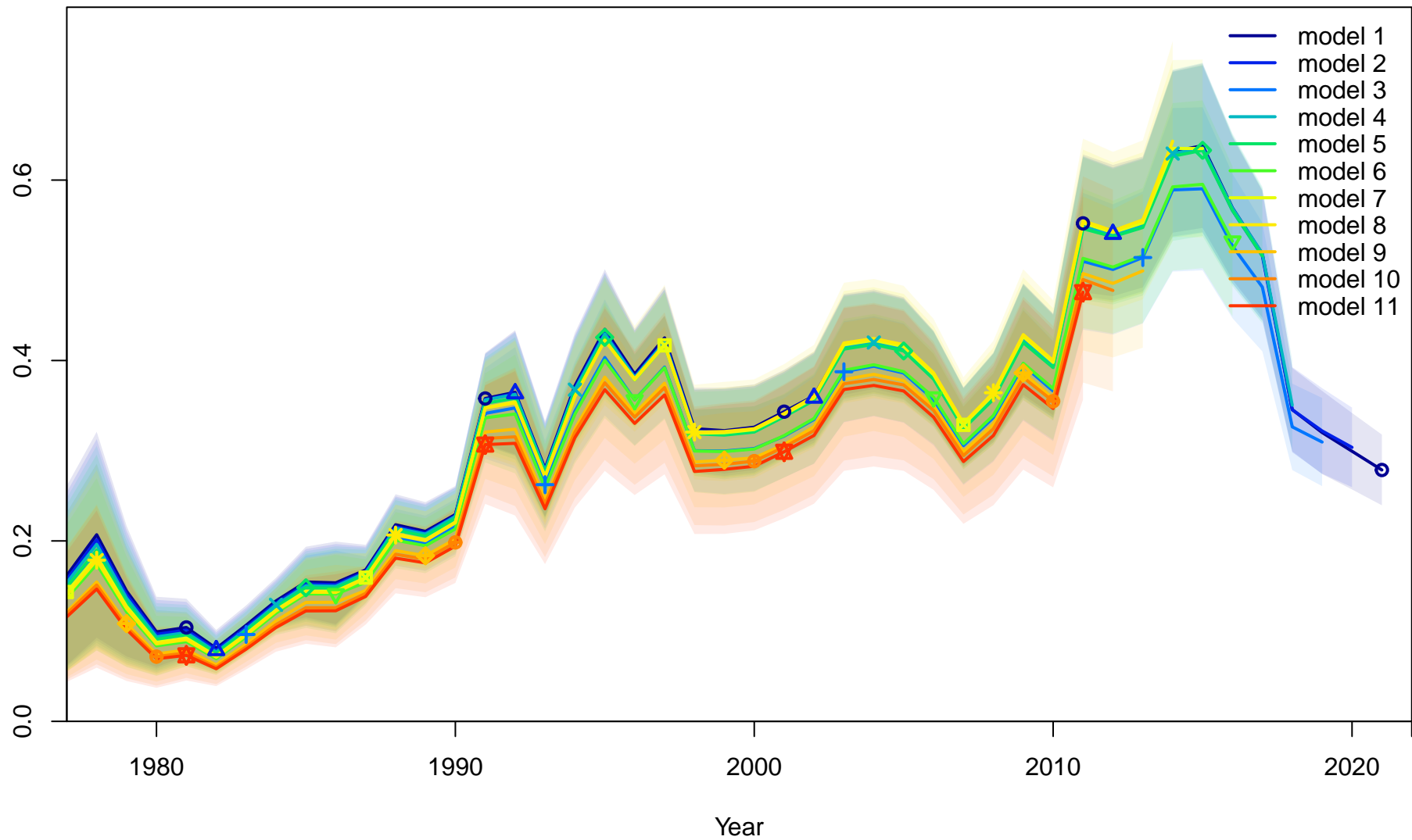
- model 1
- model 2
- model 3
- model 4
- model 5
- model 6
- model 7
- model 8
- model 9
- model 10
- model 11



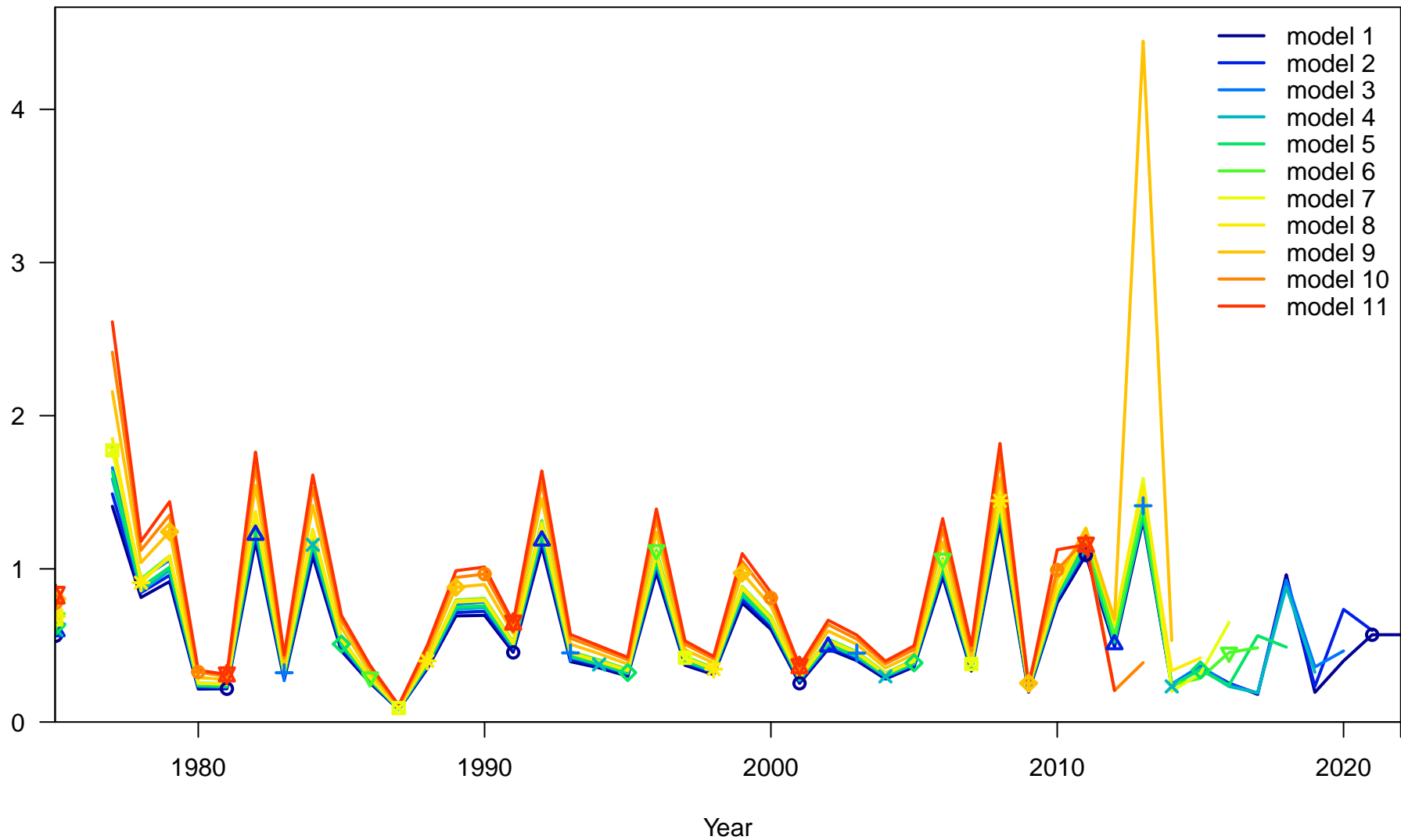
abs F_i with $F = \text{sum}(\text{full } F_s)$

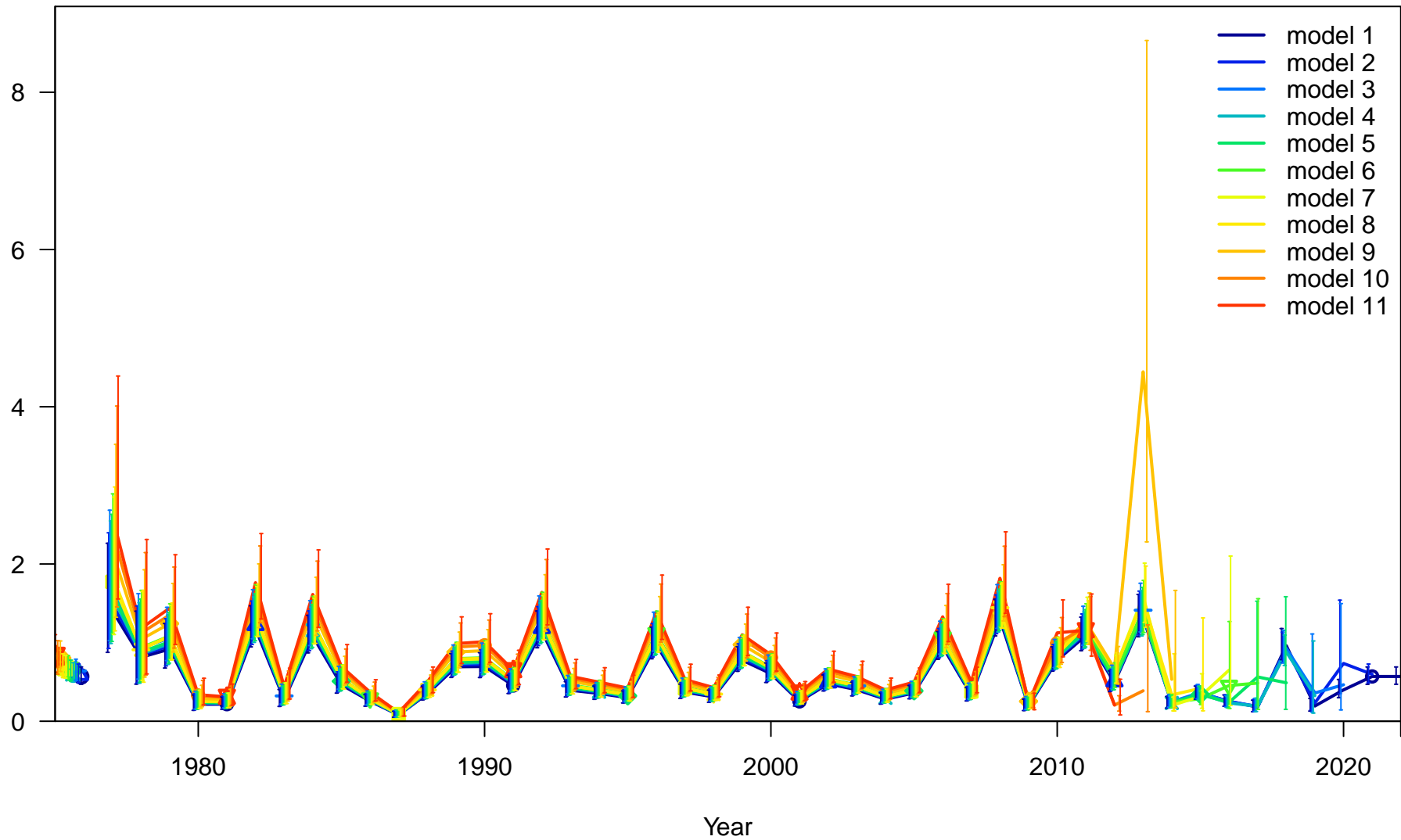


abs F_i with $F = \text{sum}(\text{full } F_s)$

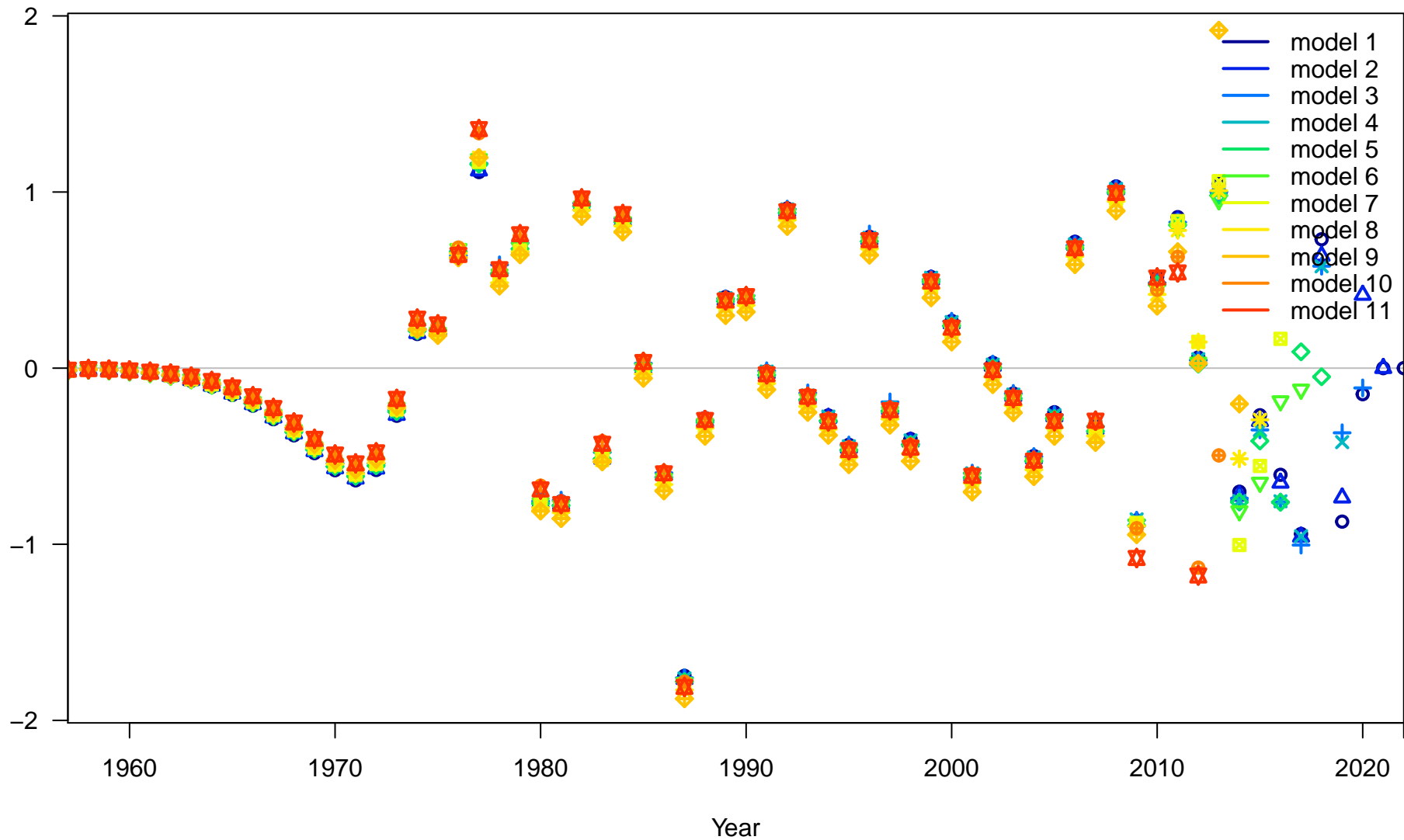


Age-0 recruits (billions)

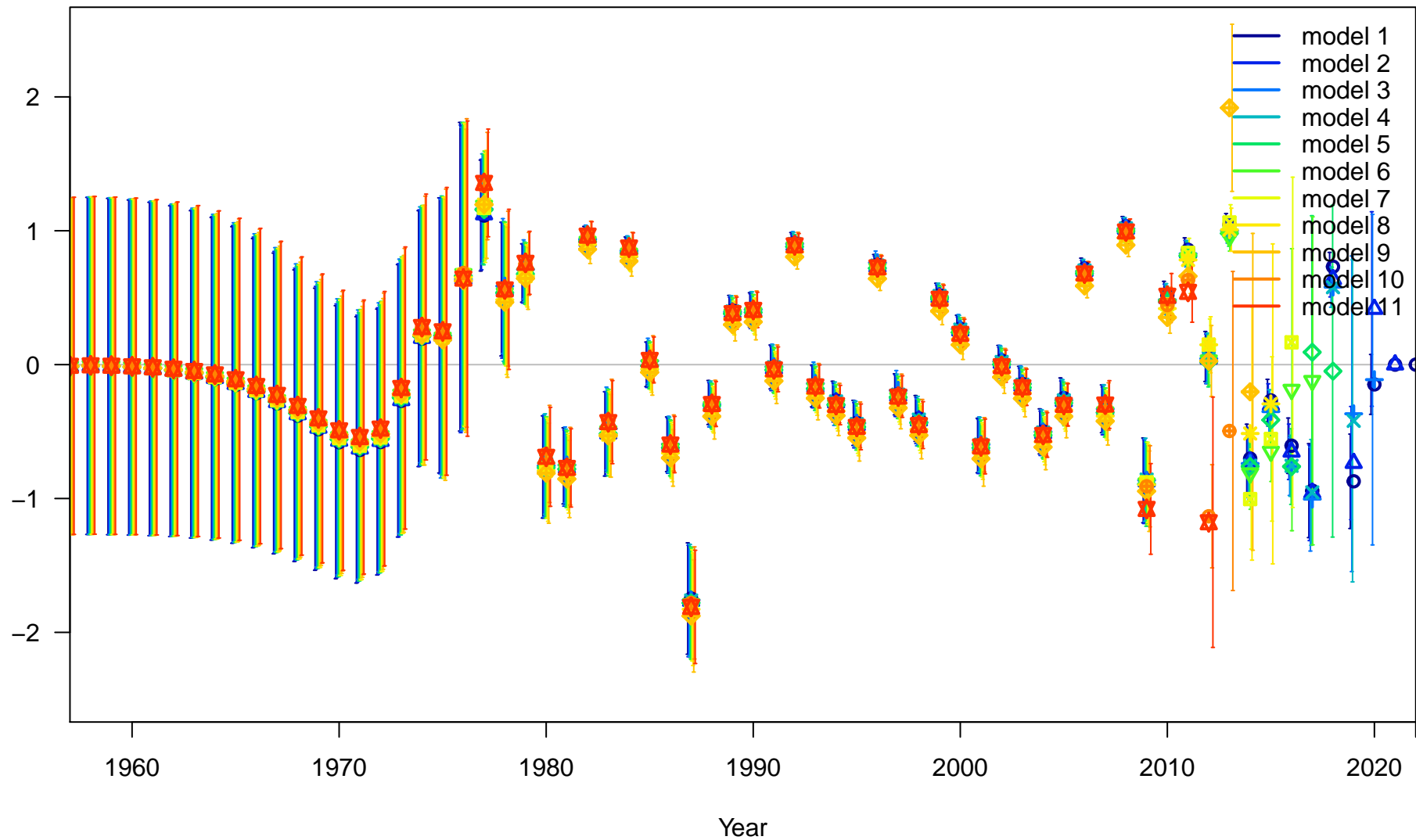


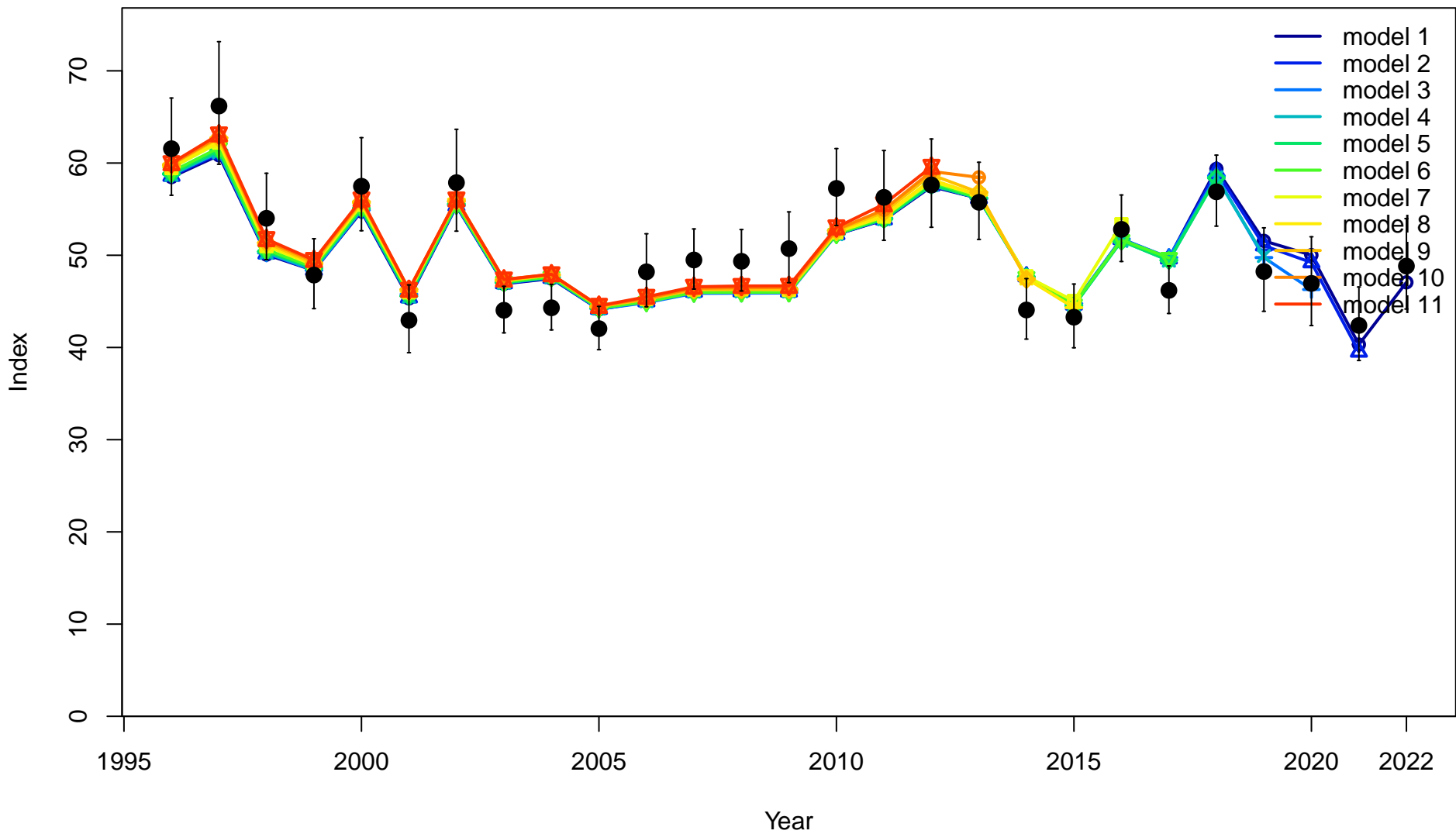


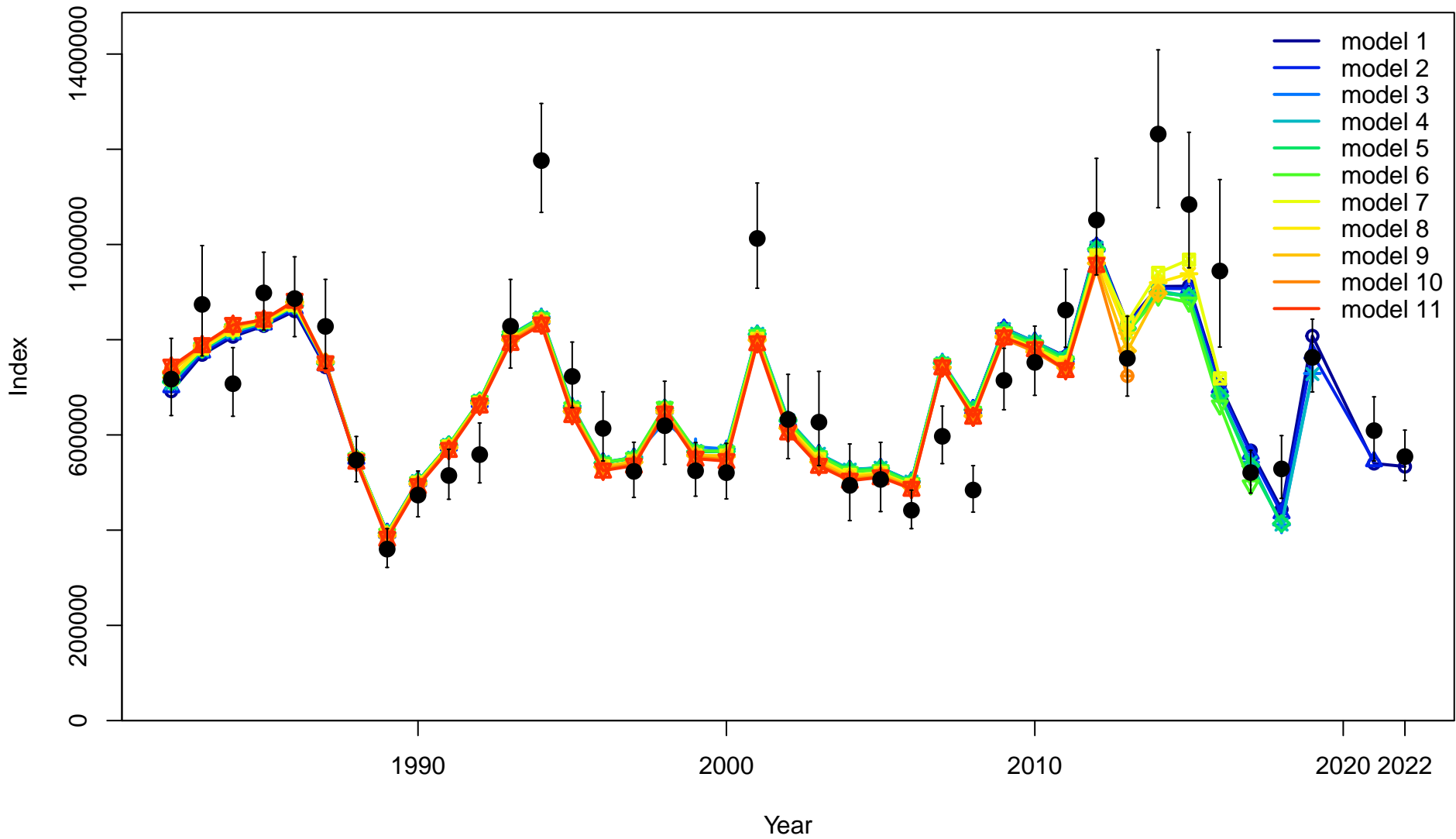
Recruitment deviations

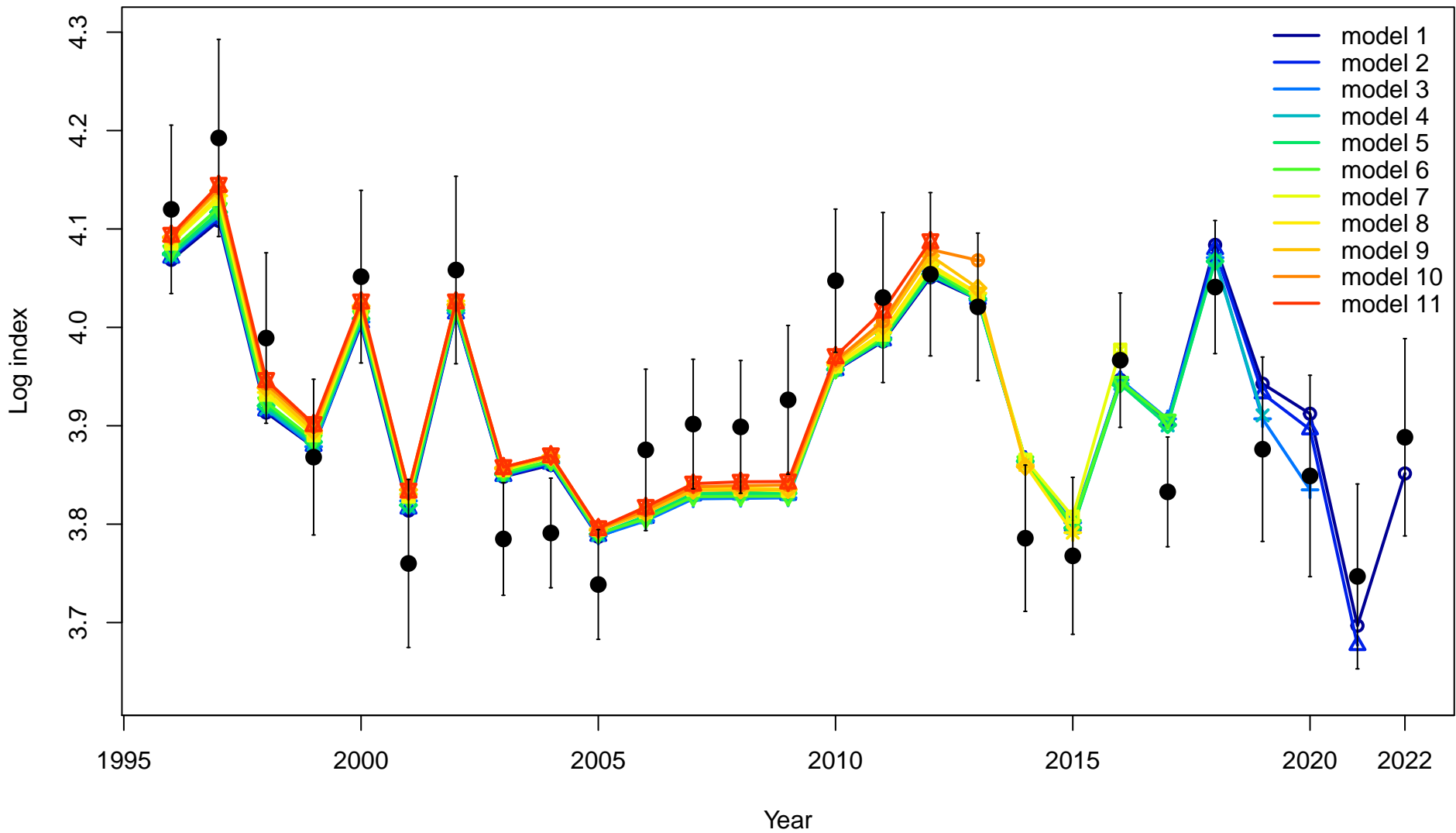


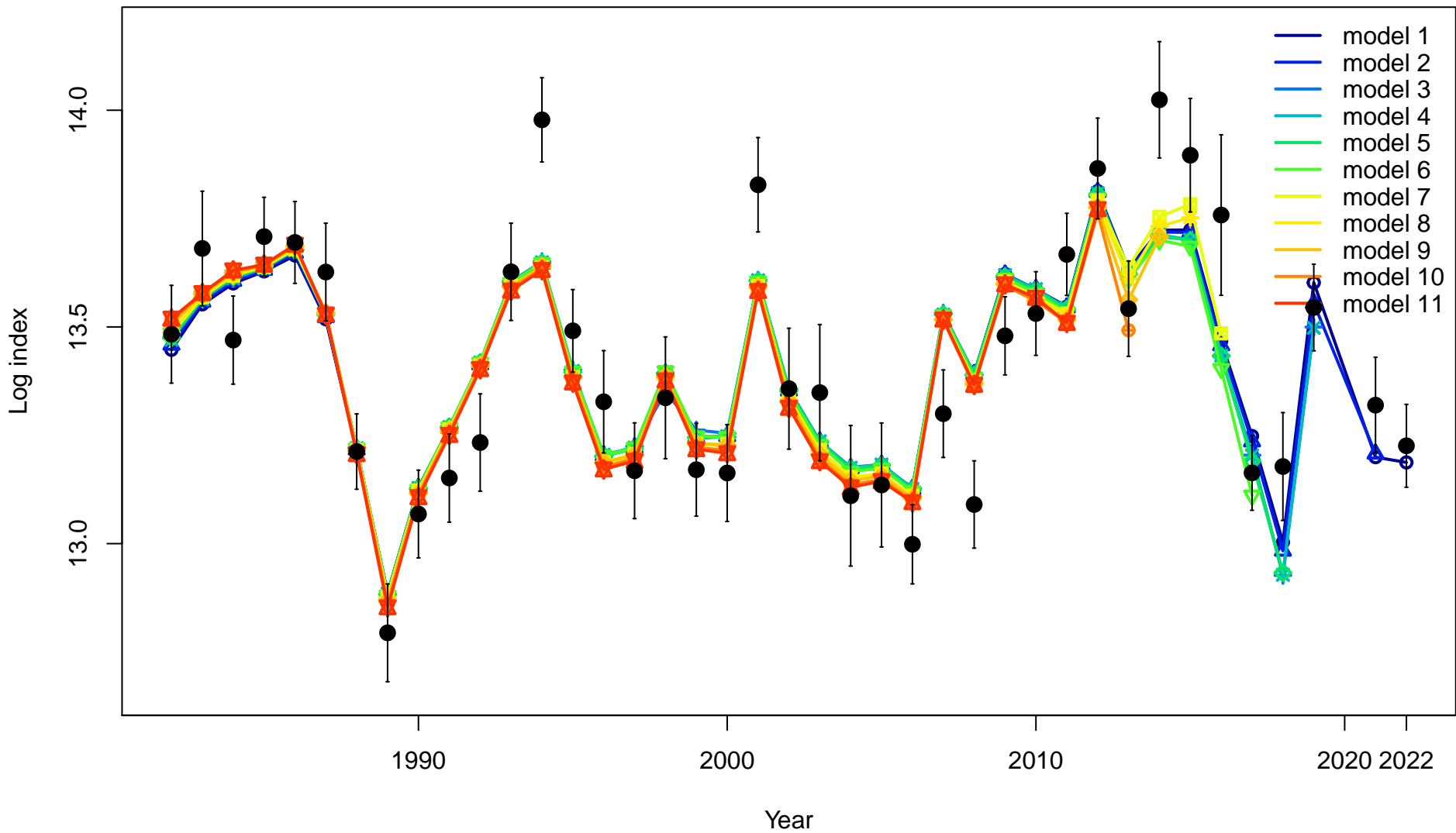
Recruitment deviations



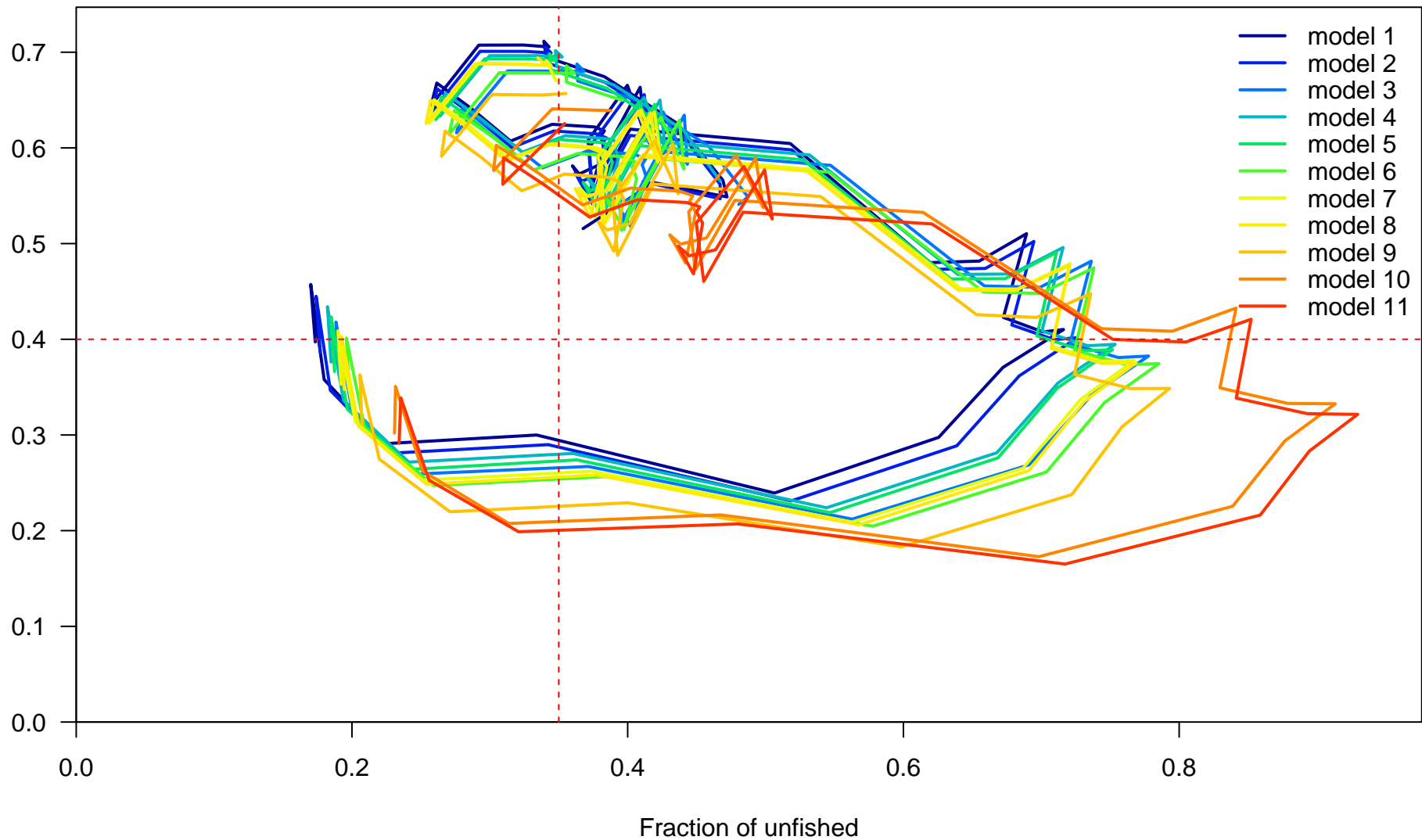




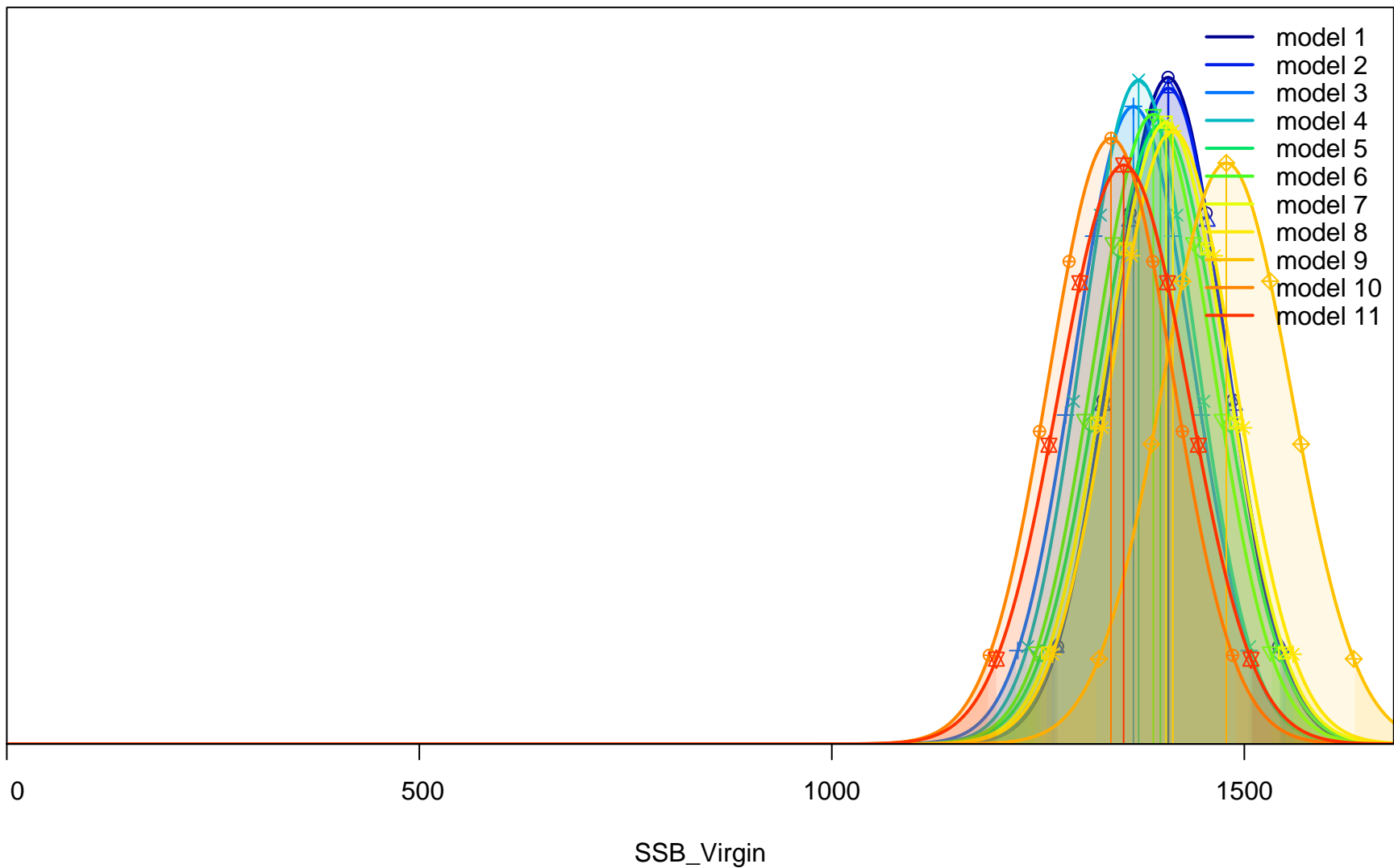




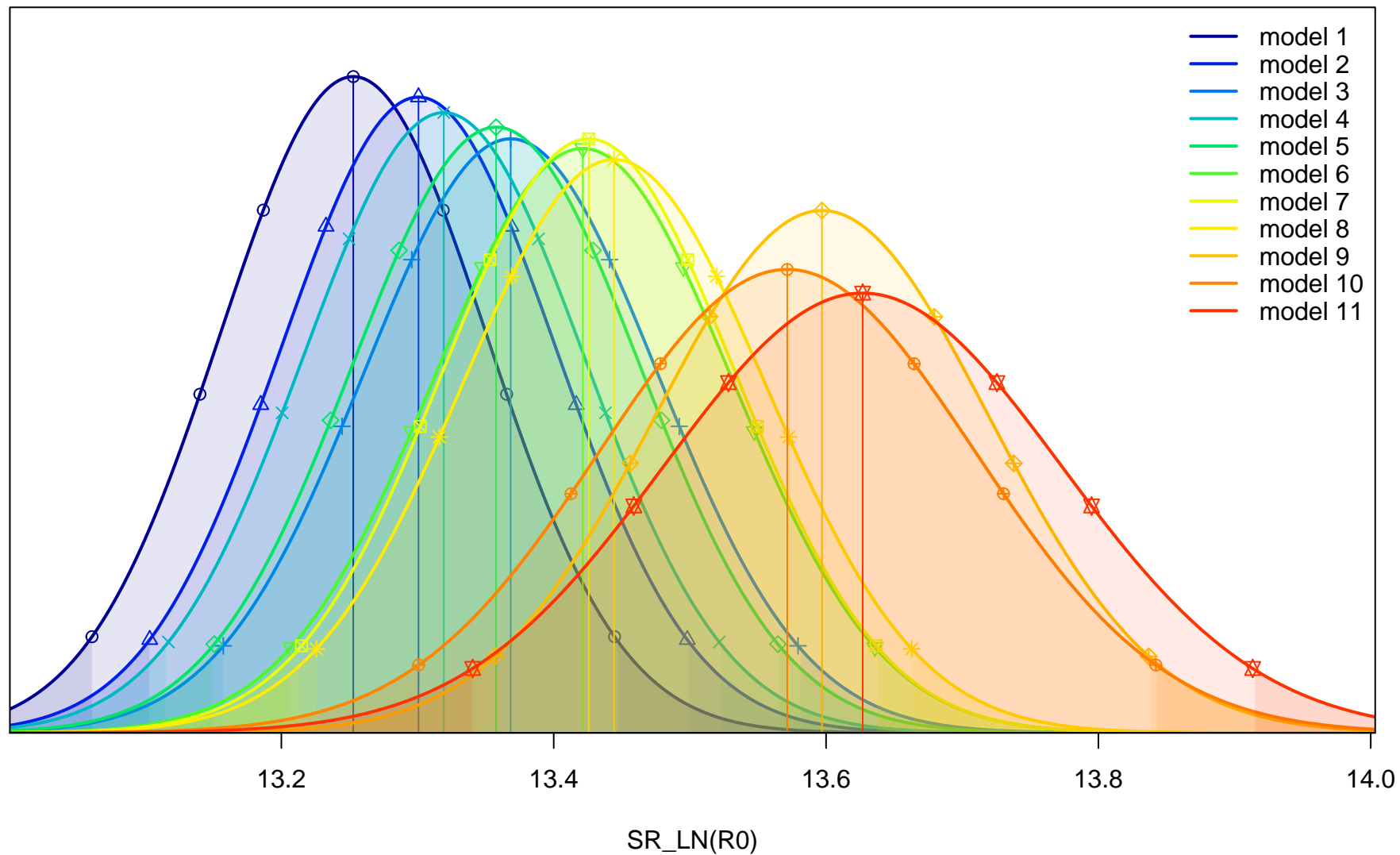
1-SPR

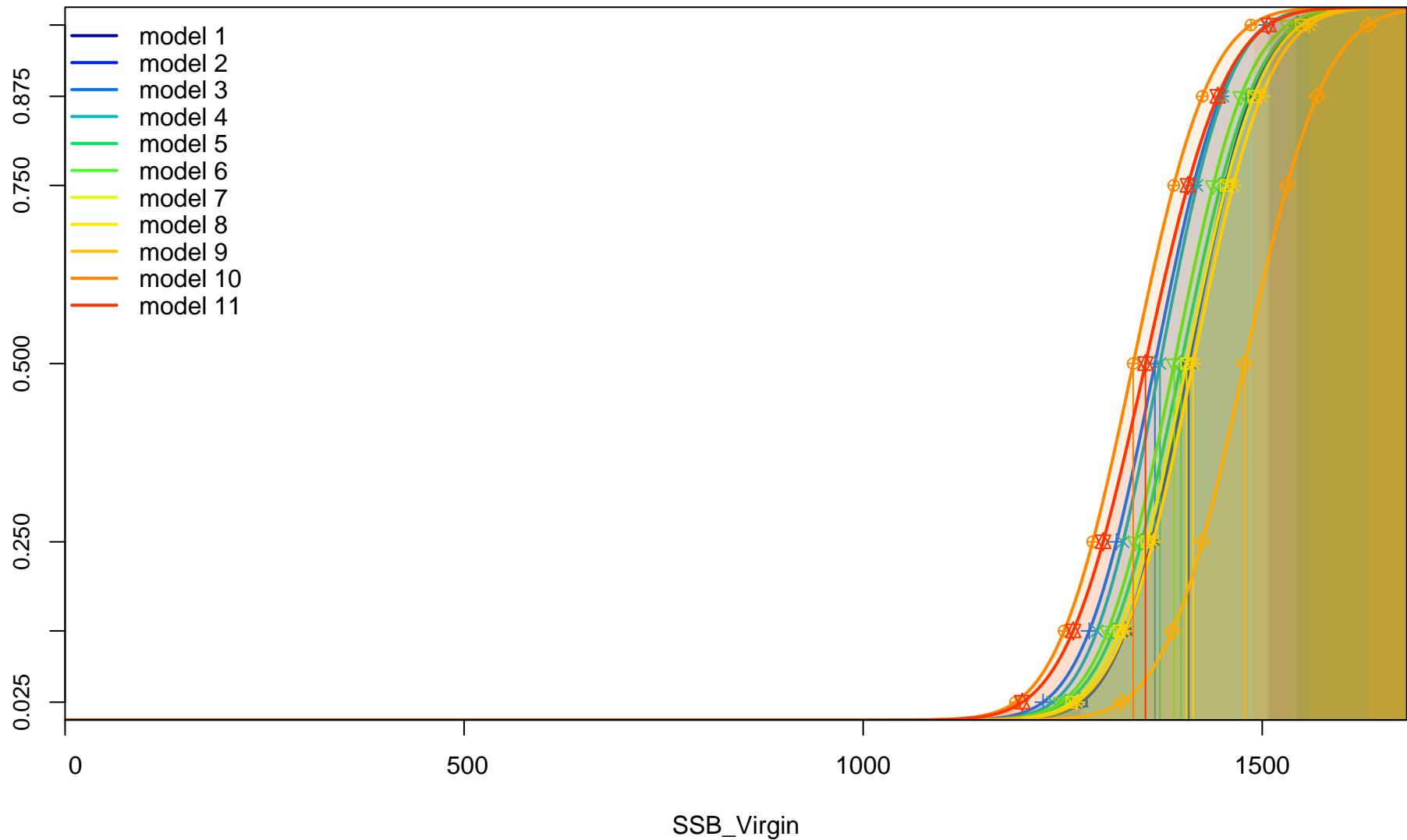


Density



Density





Cumulative Probability

