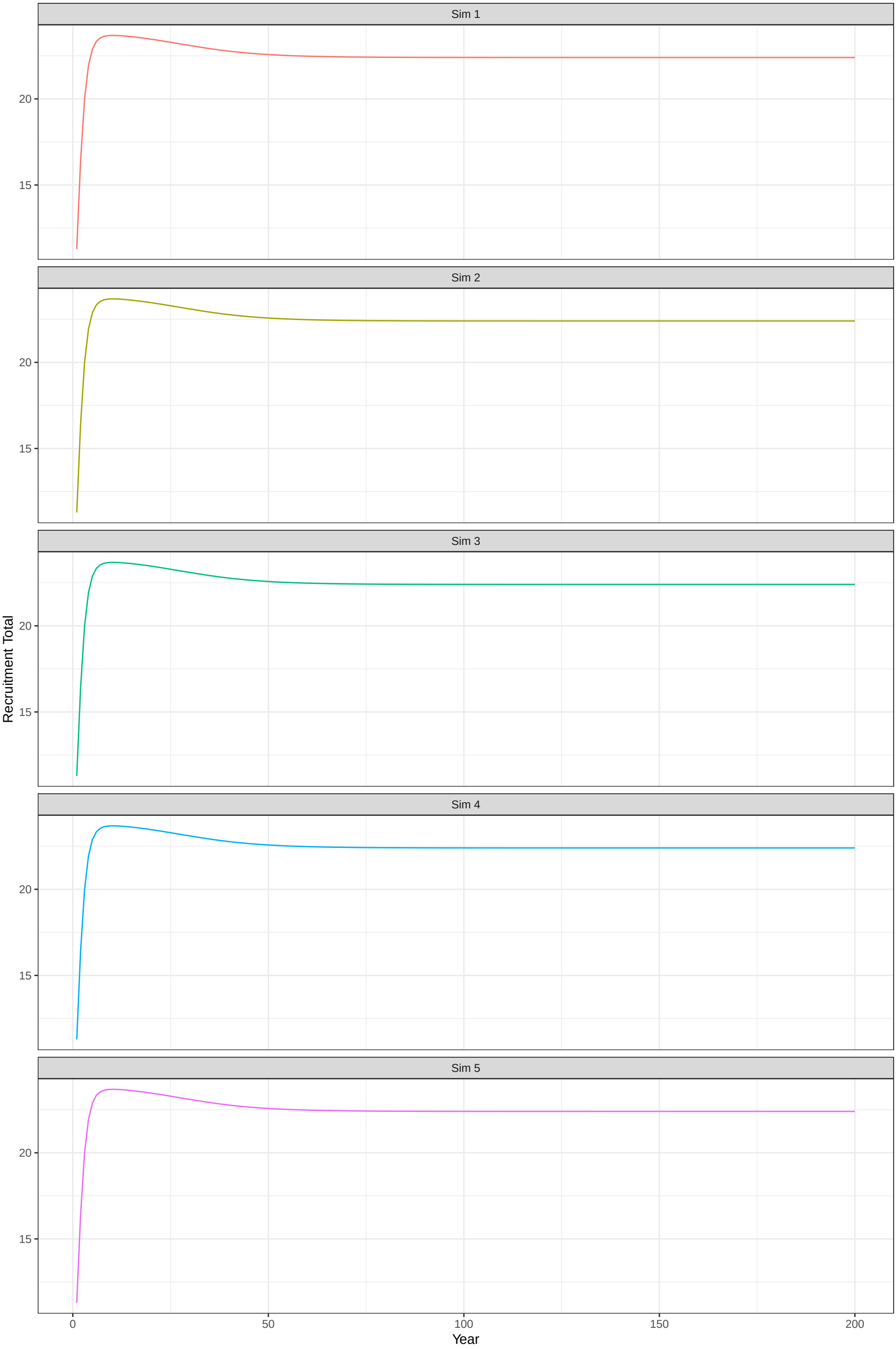

Sim 1
Sim 2
Sim 3
Sim 4
Sim 5
Recruitment Total
20
15
0
50
100
150
200
Year

Sim 1

Sim 2

Sim 3

Sim 4

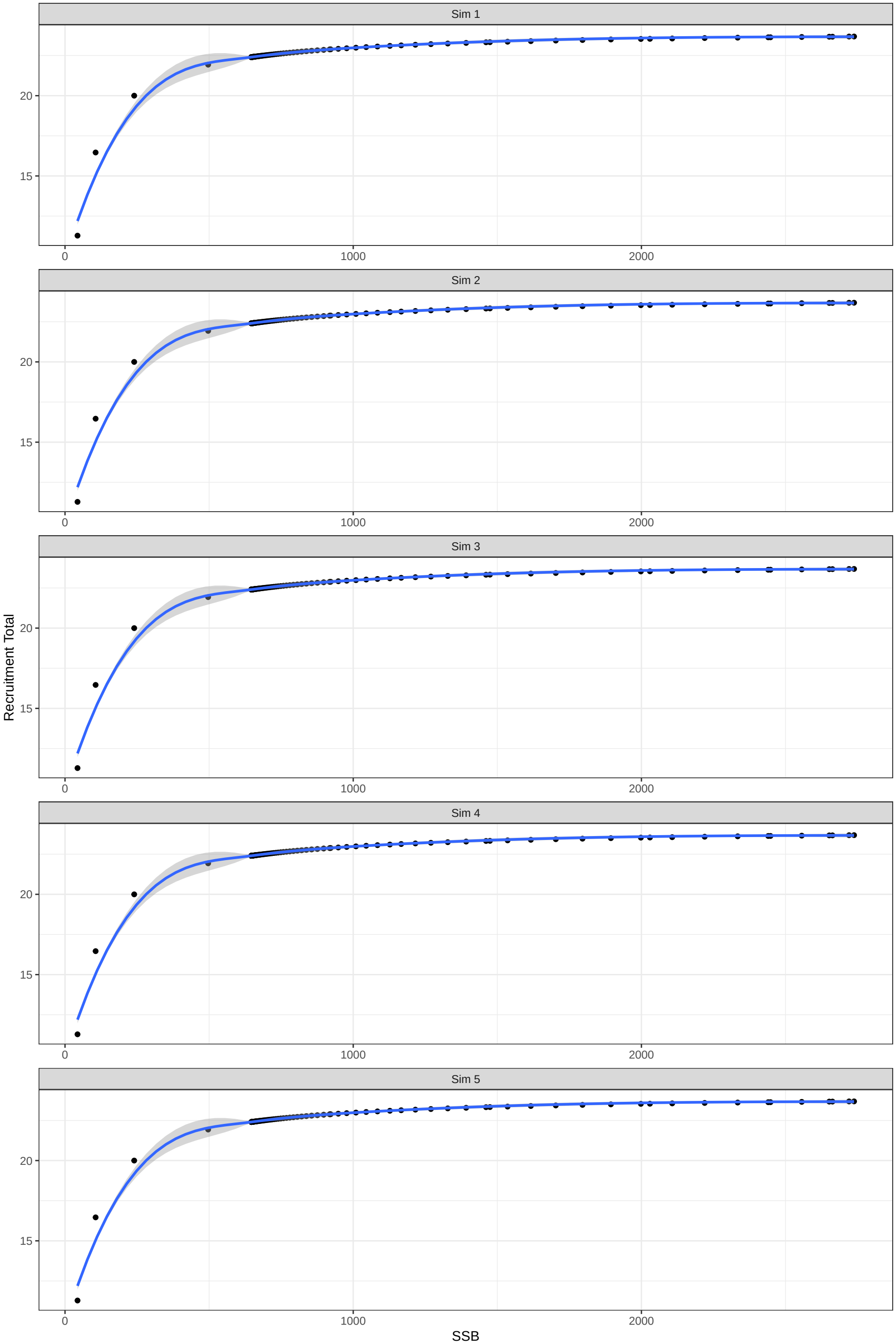
Sim 5

SSB

0
1000
2000

0
50
100
150
200

Year


Sim 1
Sim 2
Sim 3
Sim 4
Sim 5
Recruitment Total
SSB
0
1000
2000
15
20

Sim 1

Sim 2

Sim 3

Sim 4

Sim 5

Biomass at age

Year

Sim 1

Sim 2

Sim 3

Sim 4

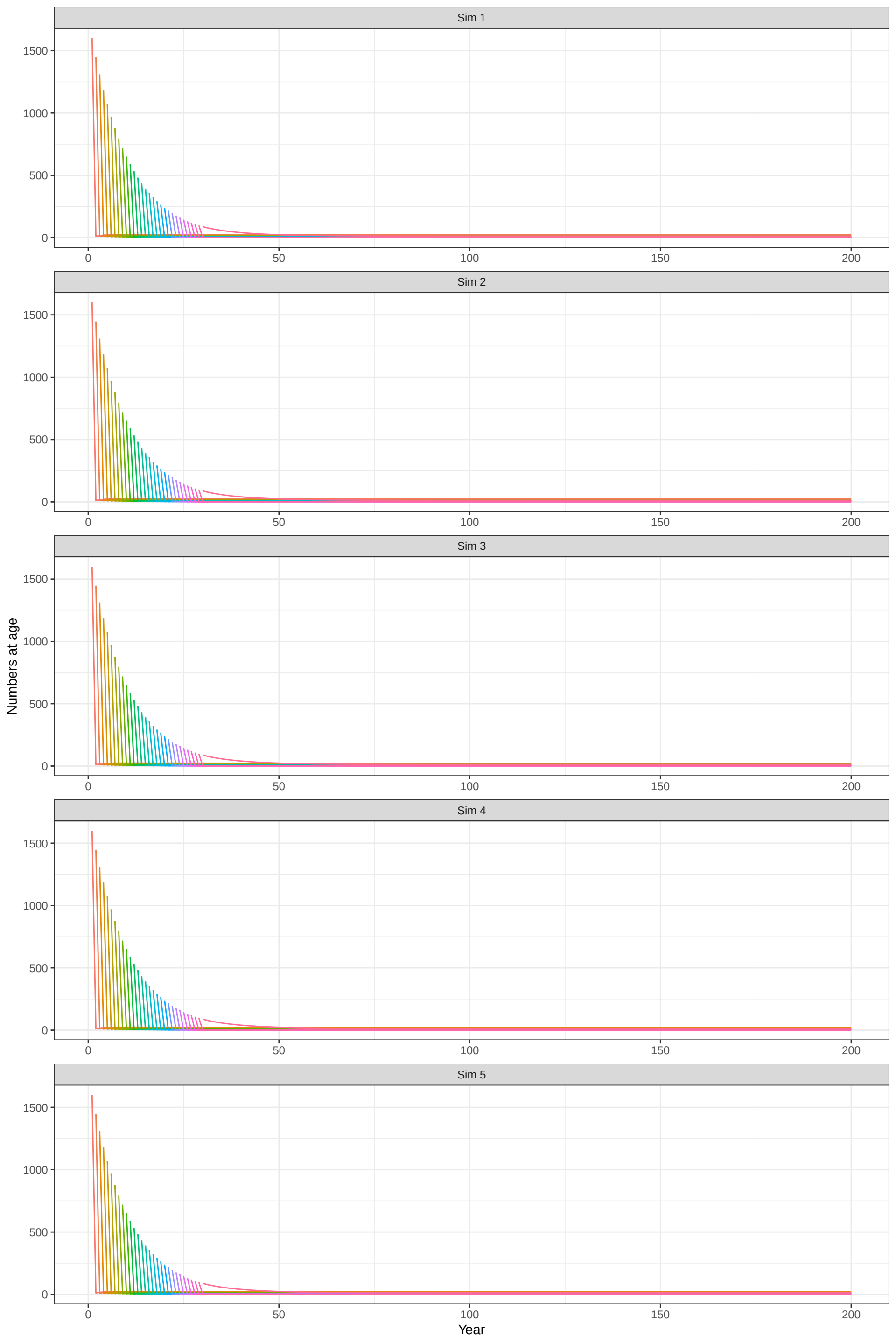
Sim 5

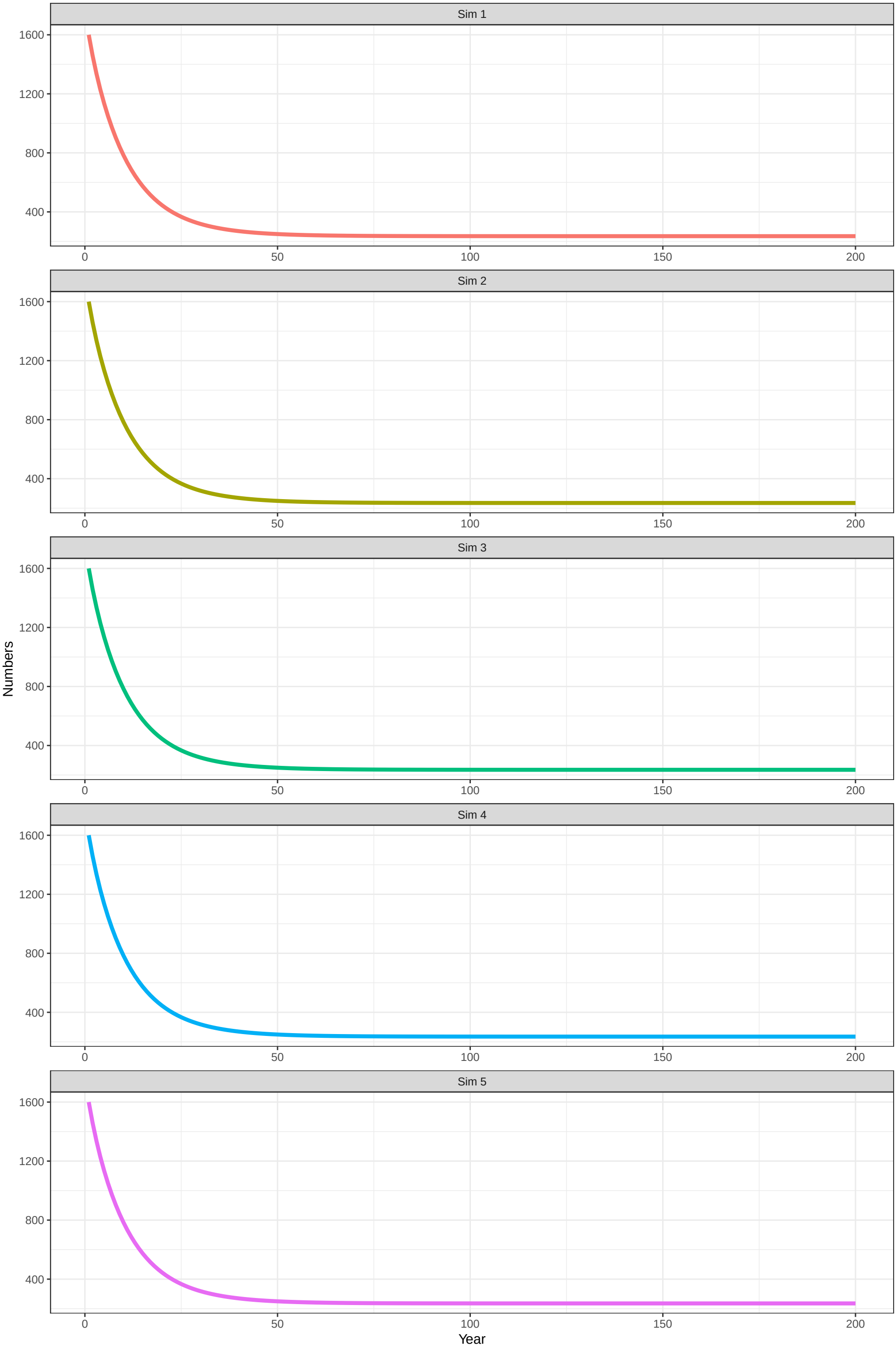
Biomass

3000
2500
2000
1500
1000

0
50
100
150
200

Year


Sim 1
Sim 2
Sim 3
Sim 4
Sim 5
Numbers at age
Year
0
500
1000
1500
0
50
100
150
200


Sim 1
Sim 2
Sim 3
Sim 4
Sim 5
1600
1200
800
400
0
50
100
150
200
Numbers
Year

Sim 1

Sim 2

Sim 3

Sim 4

Sim 5

Average proportion at age

0.12
0.09
0.06
0.03

0
10
20
30

Age

Sim 1

Sim 2

Sim 3

Sim 4

Sim 5

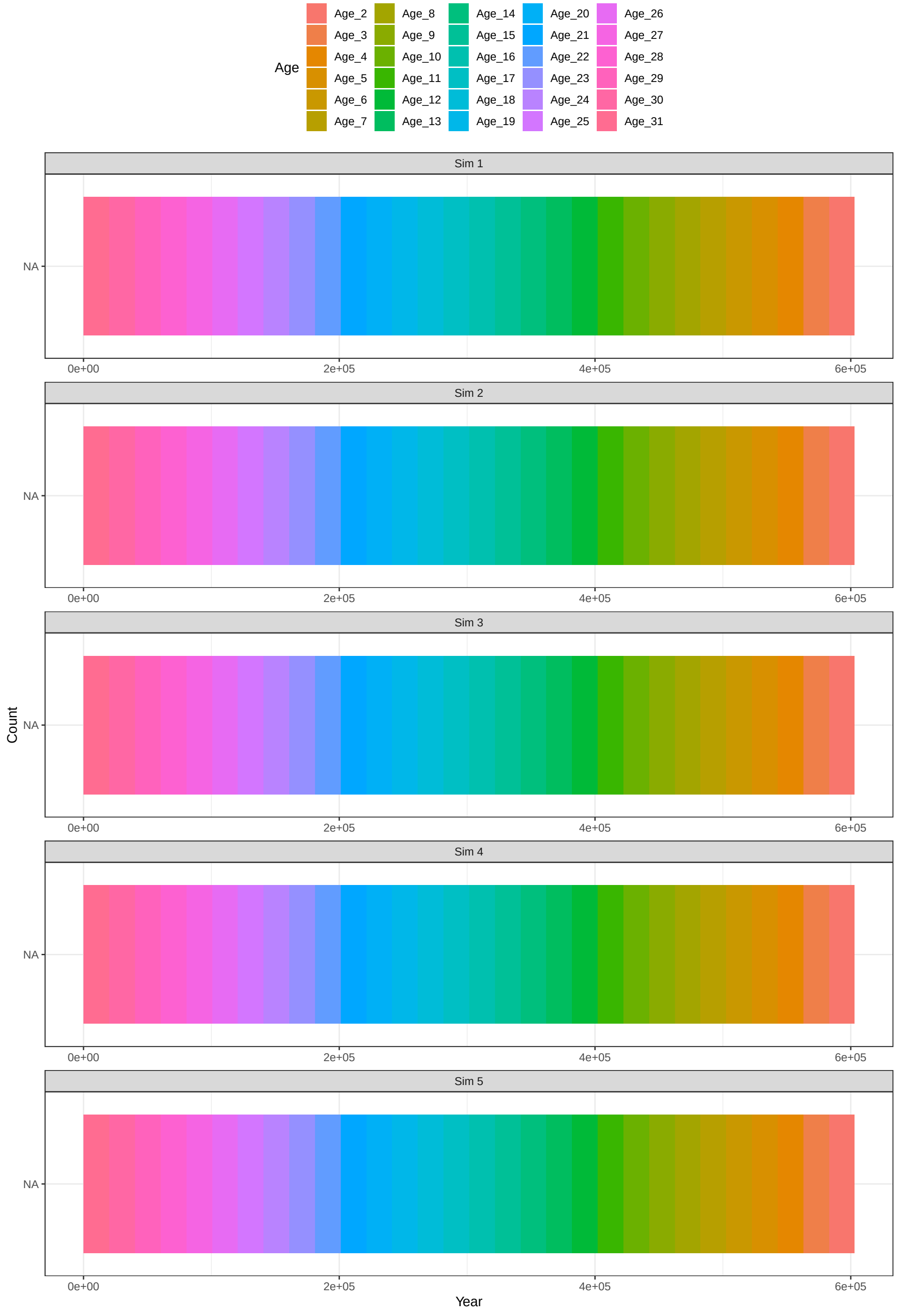
Catch

0.050
0.025
0.000
−0.025
−0.050

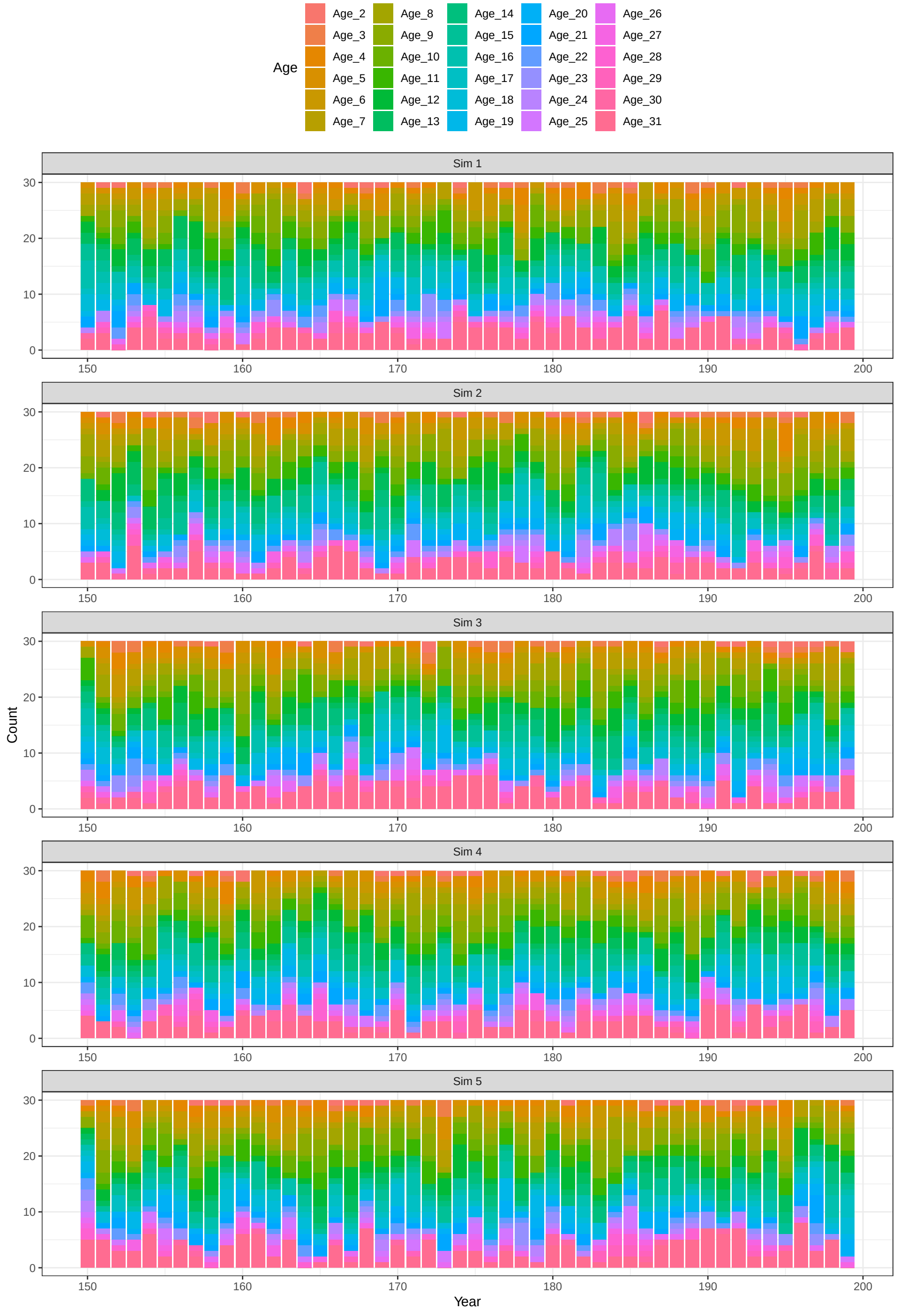
0
50
100
150
200

Age

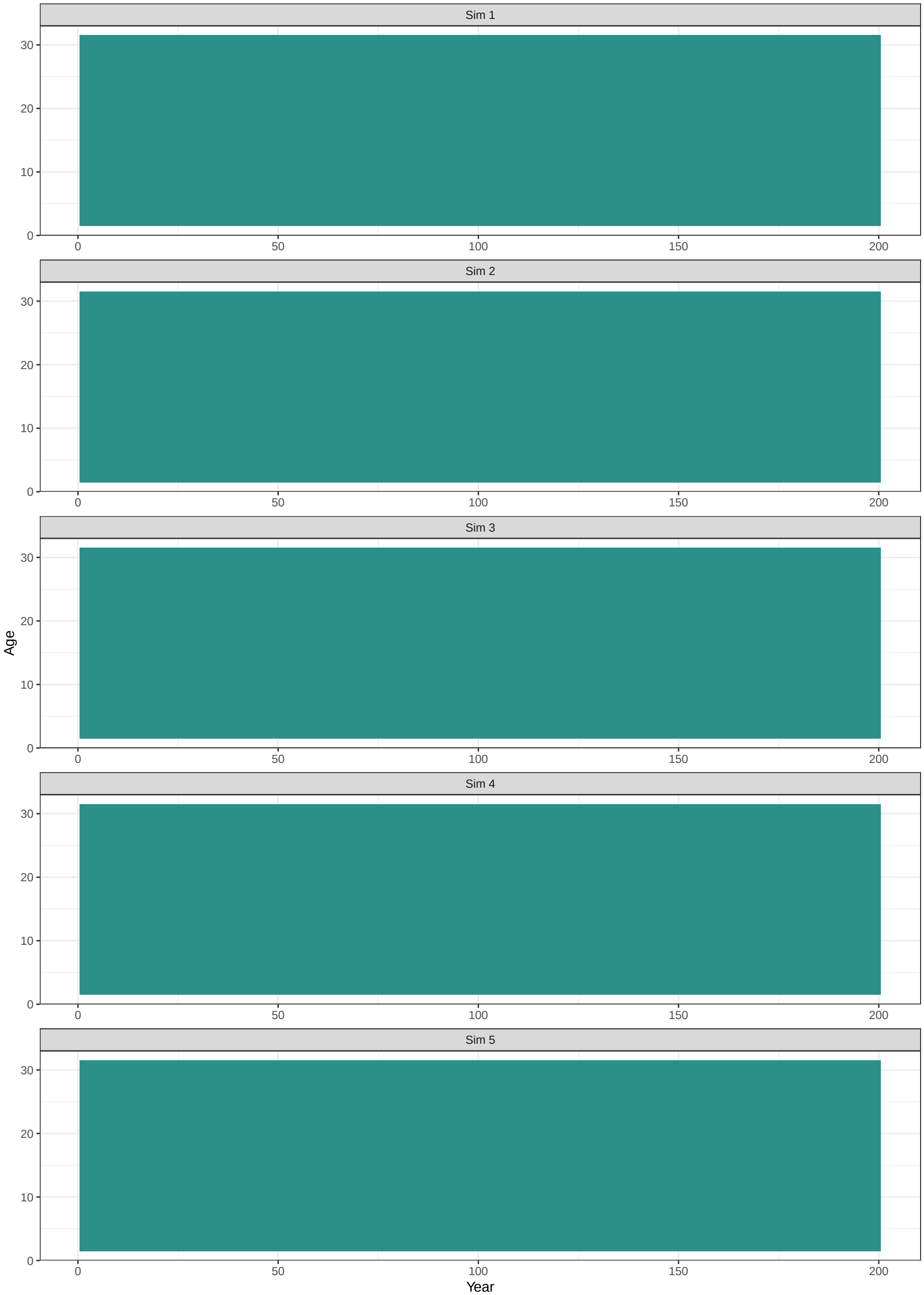
Fishery Comps



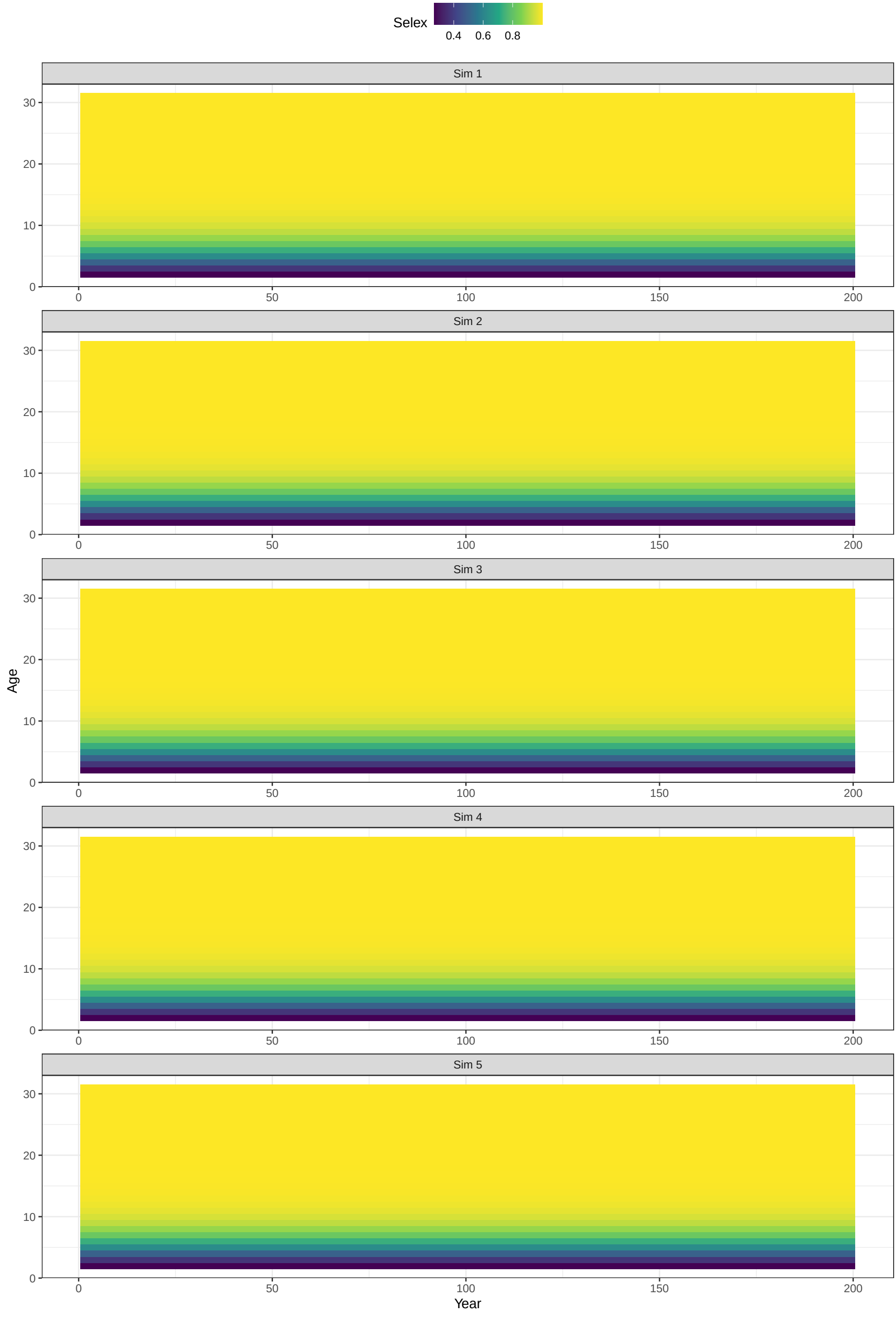
Survey Comps



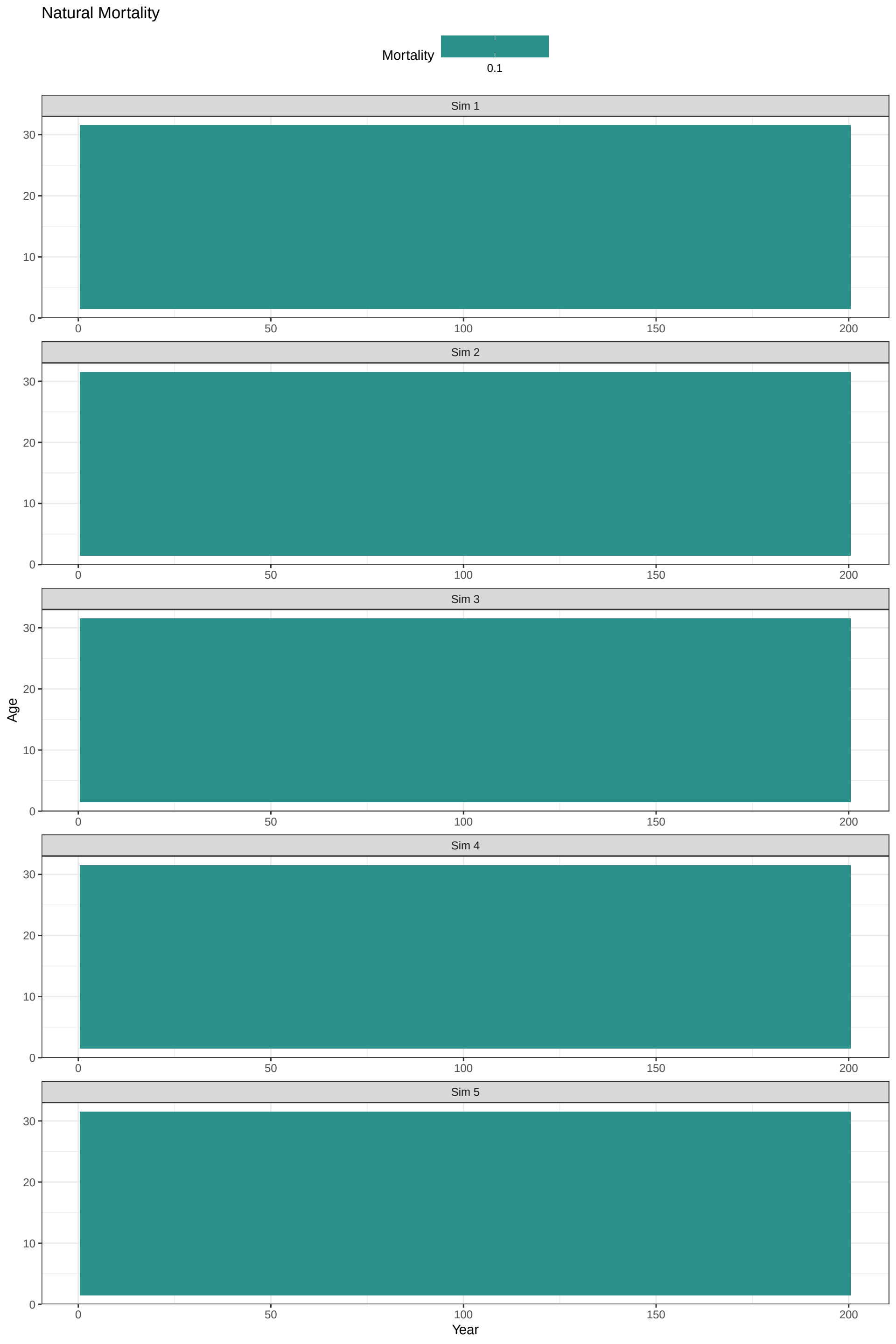
Fishery Selectivity



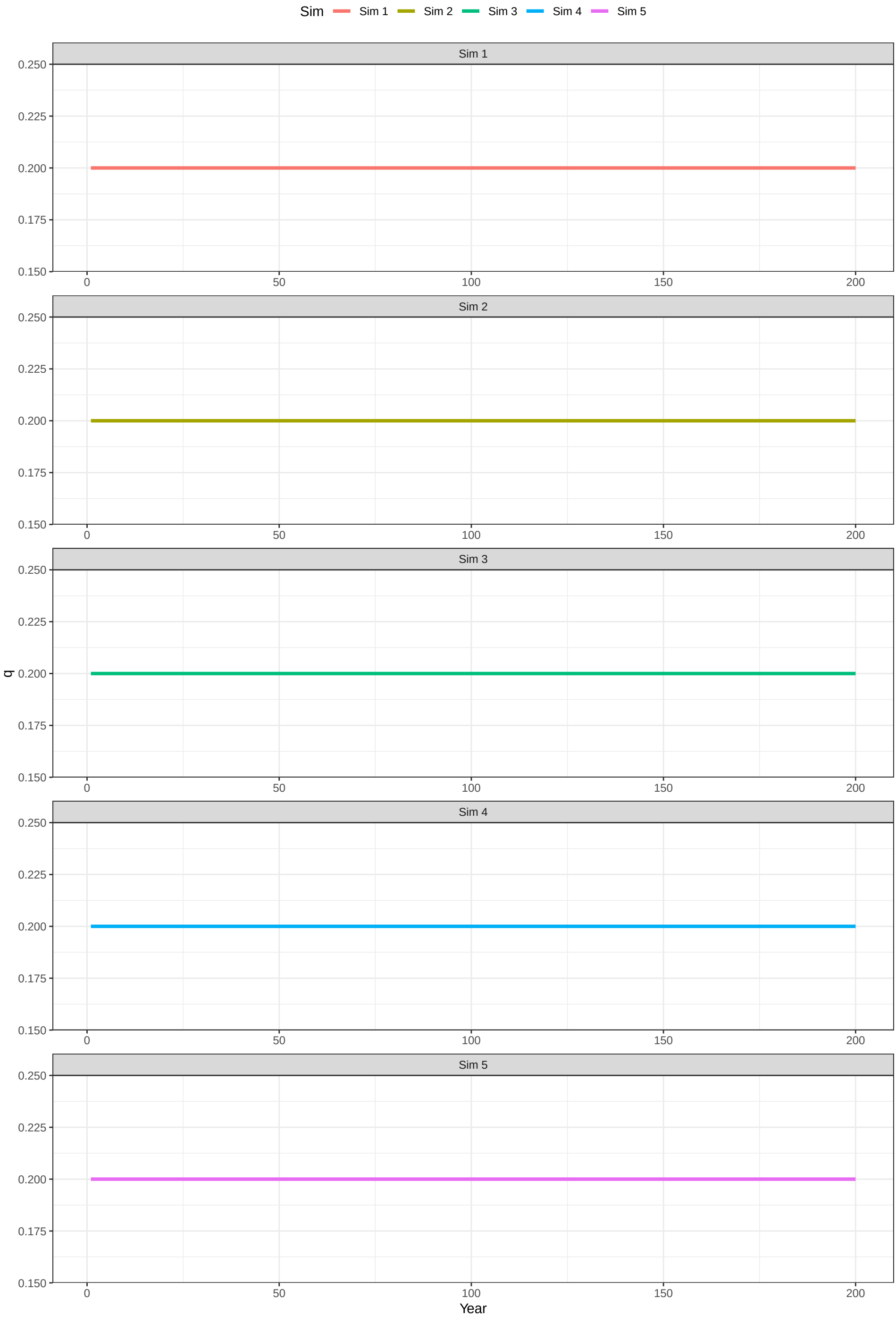
Survey Selectivity



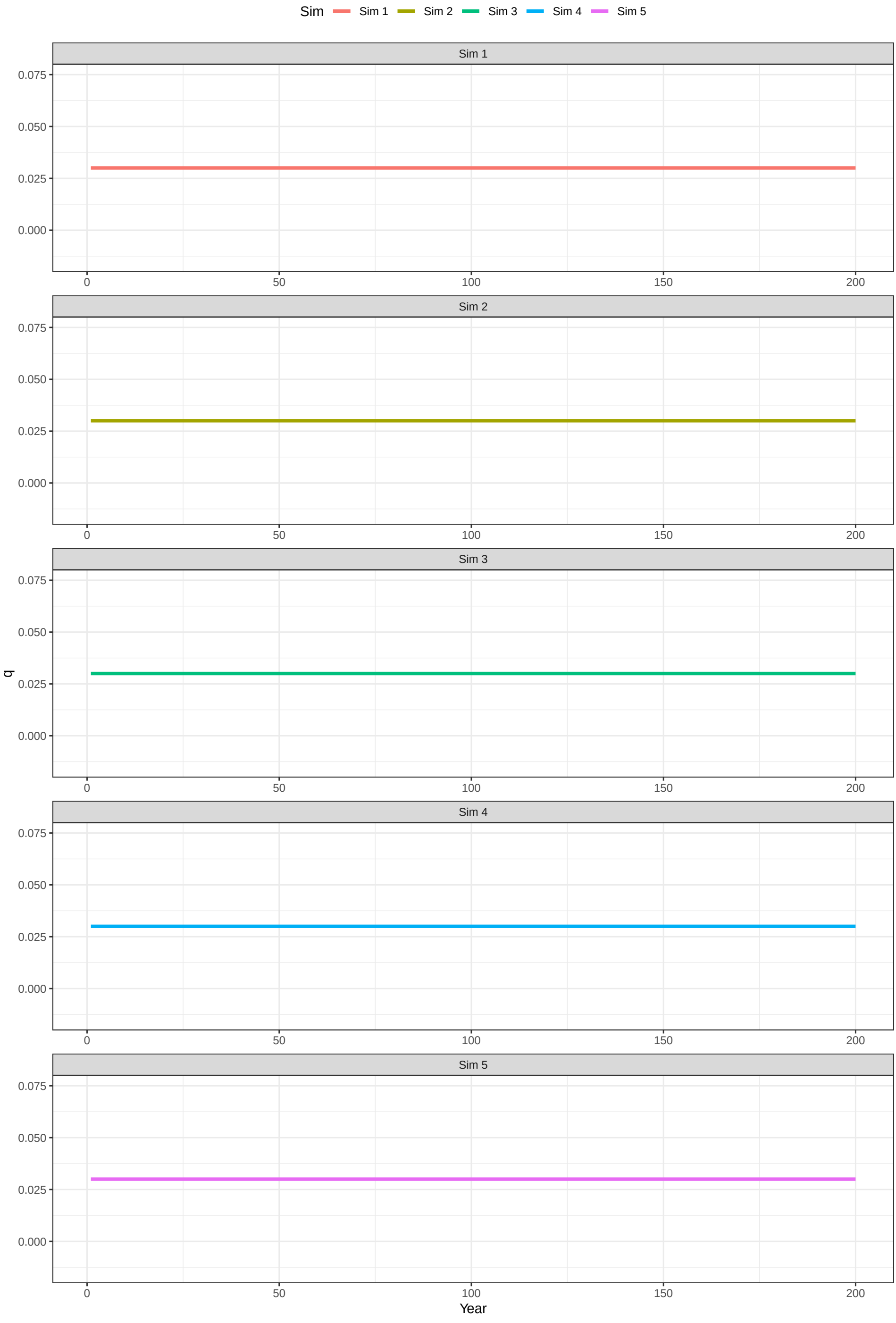
Natural Mortality



Fishery Catchability



Survey Catchability



Fishing Mortality

Sim Sim 1 Sim 2 Sim 3 Sim 4 Sim 5

Sim 1

Sim 2

Sim 3

Sim 4

Sim 5

Fishing Mortality

0.050 0.025 0.000 −0.025 −0.050

0 50 100 150 200

Year