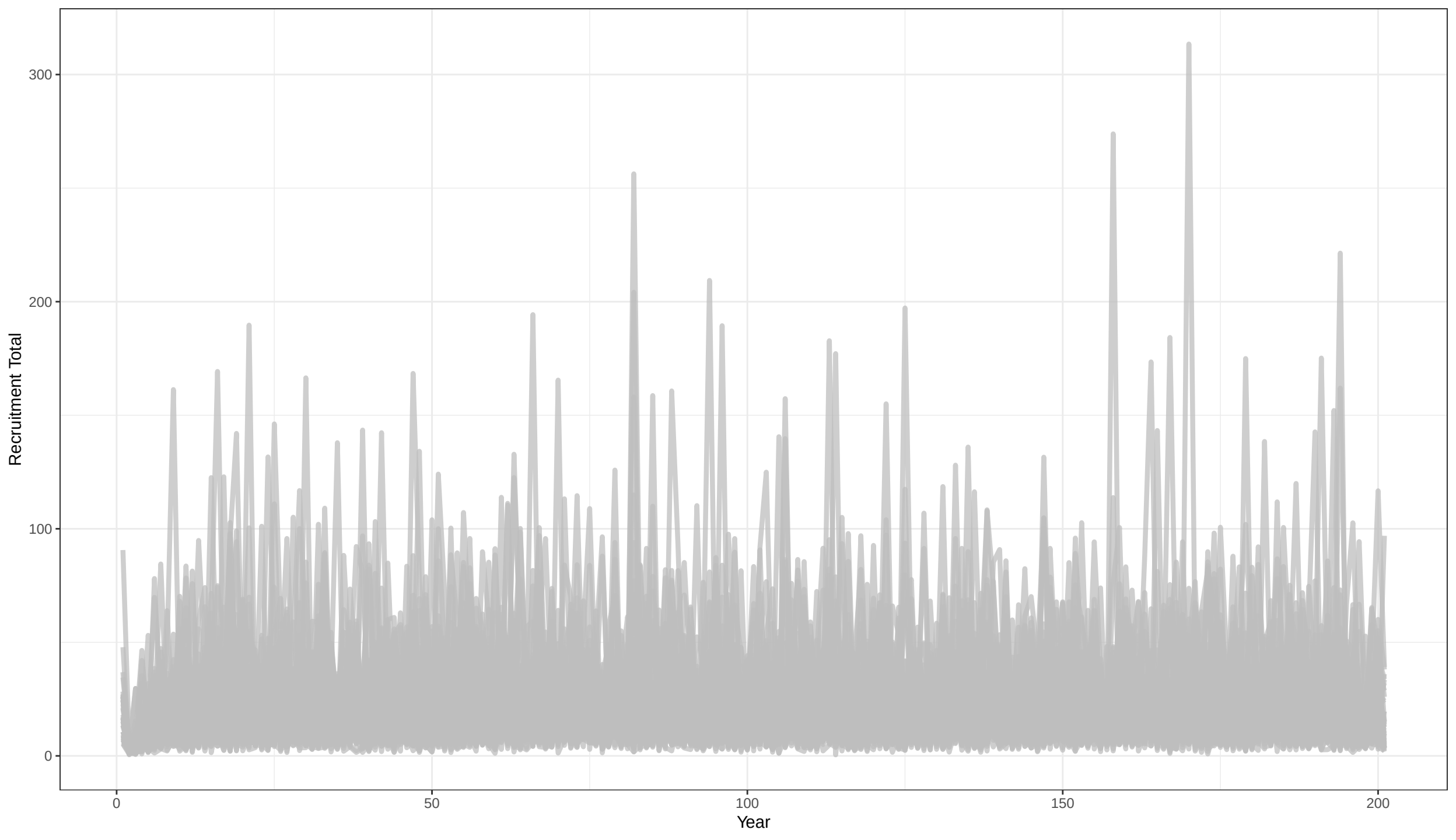
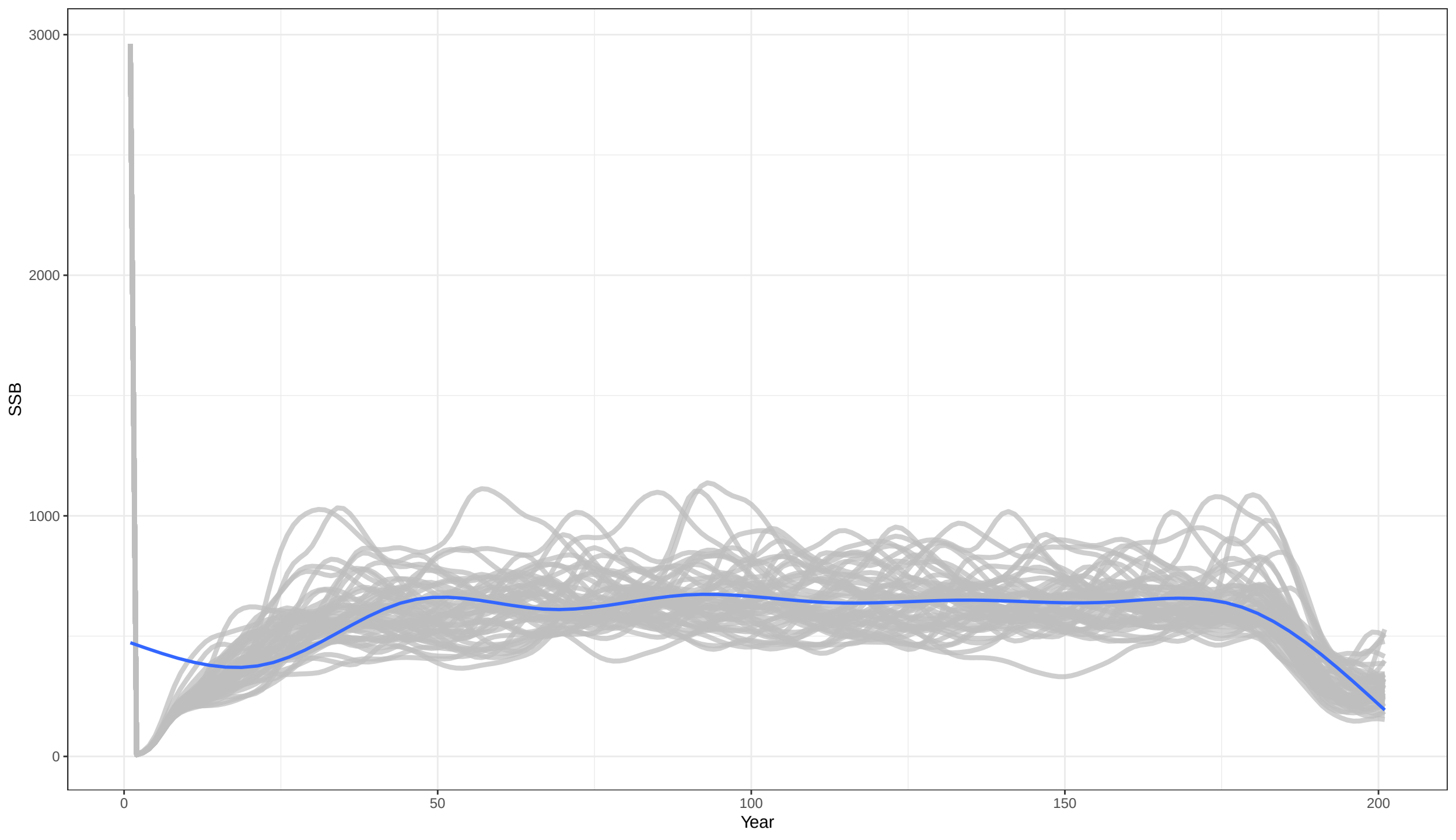
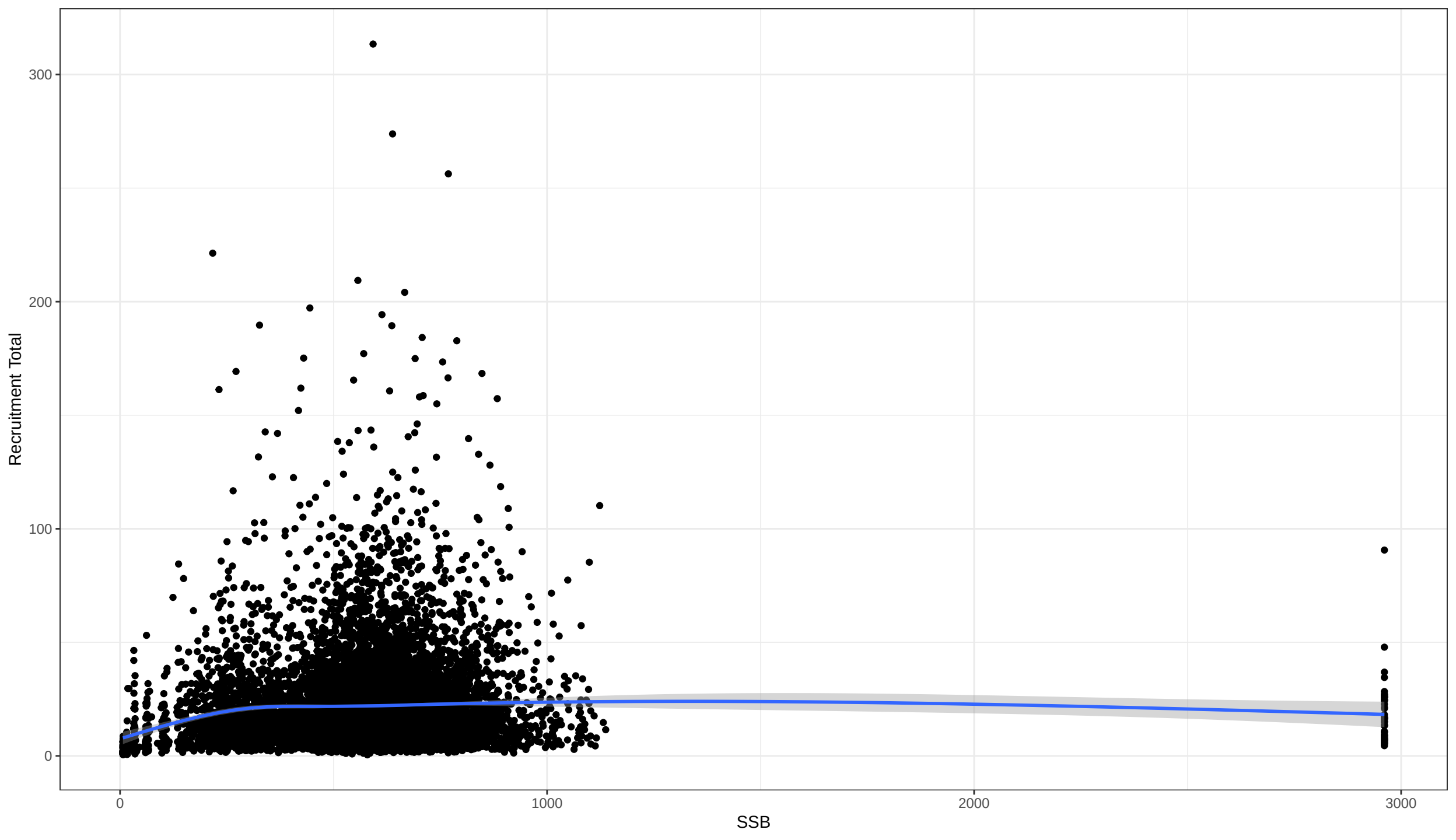
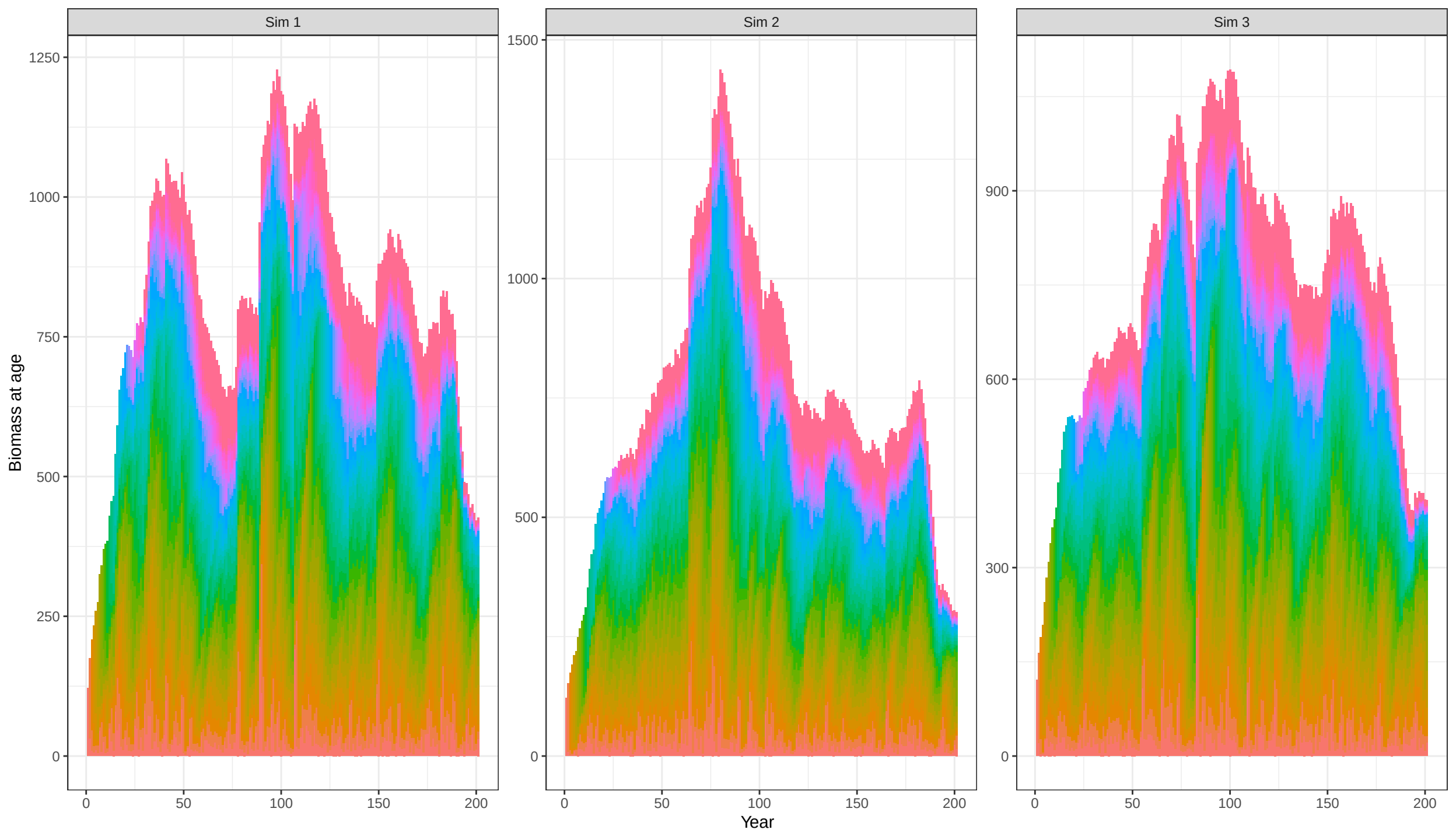
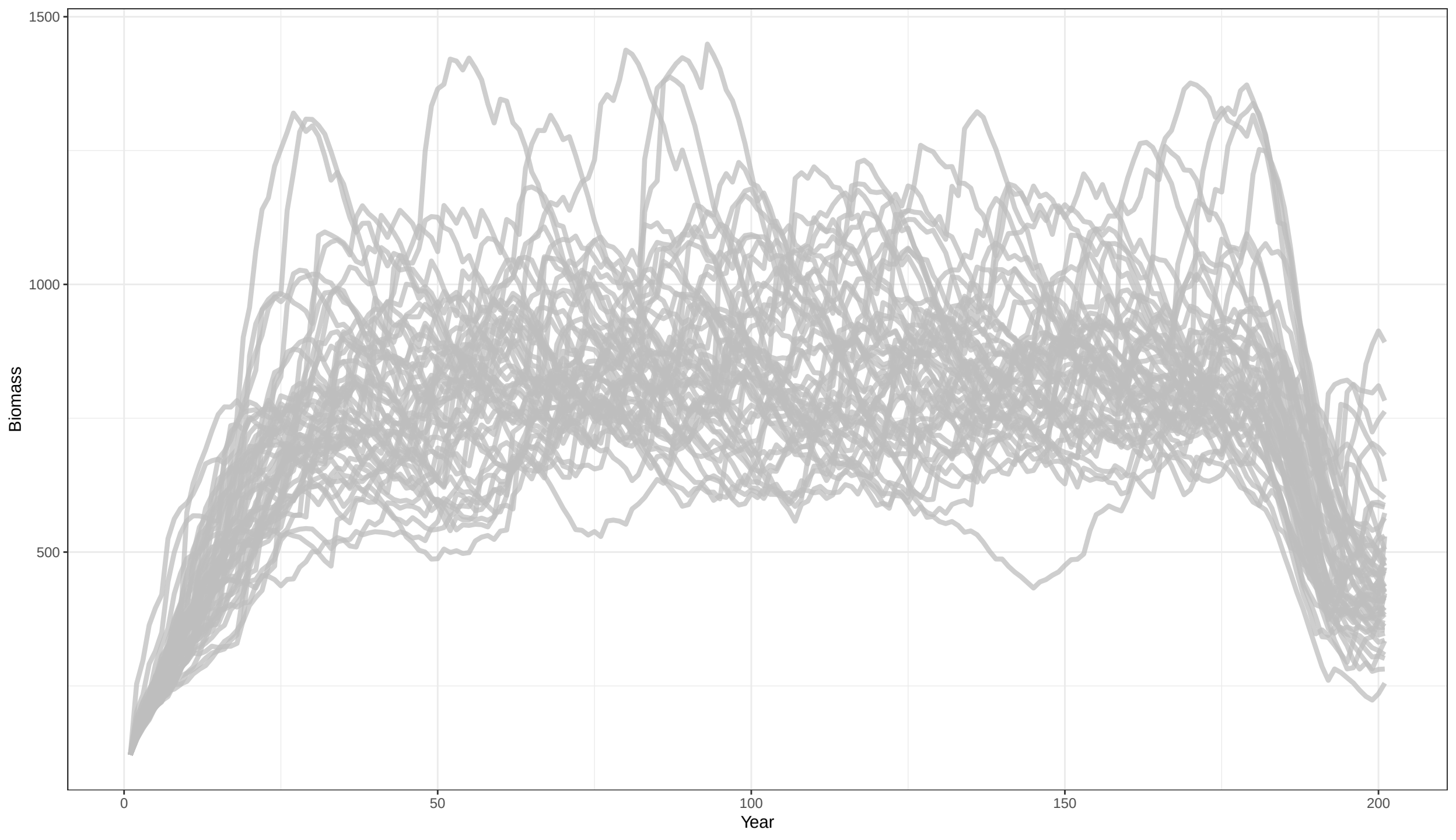
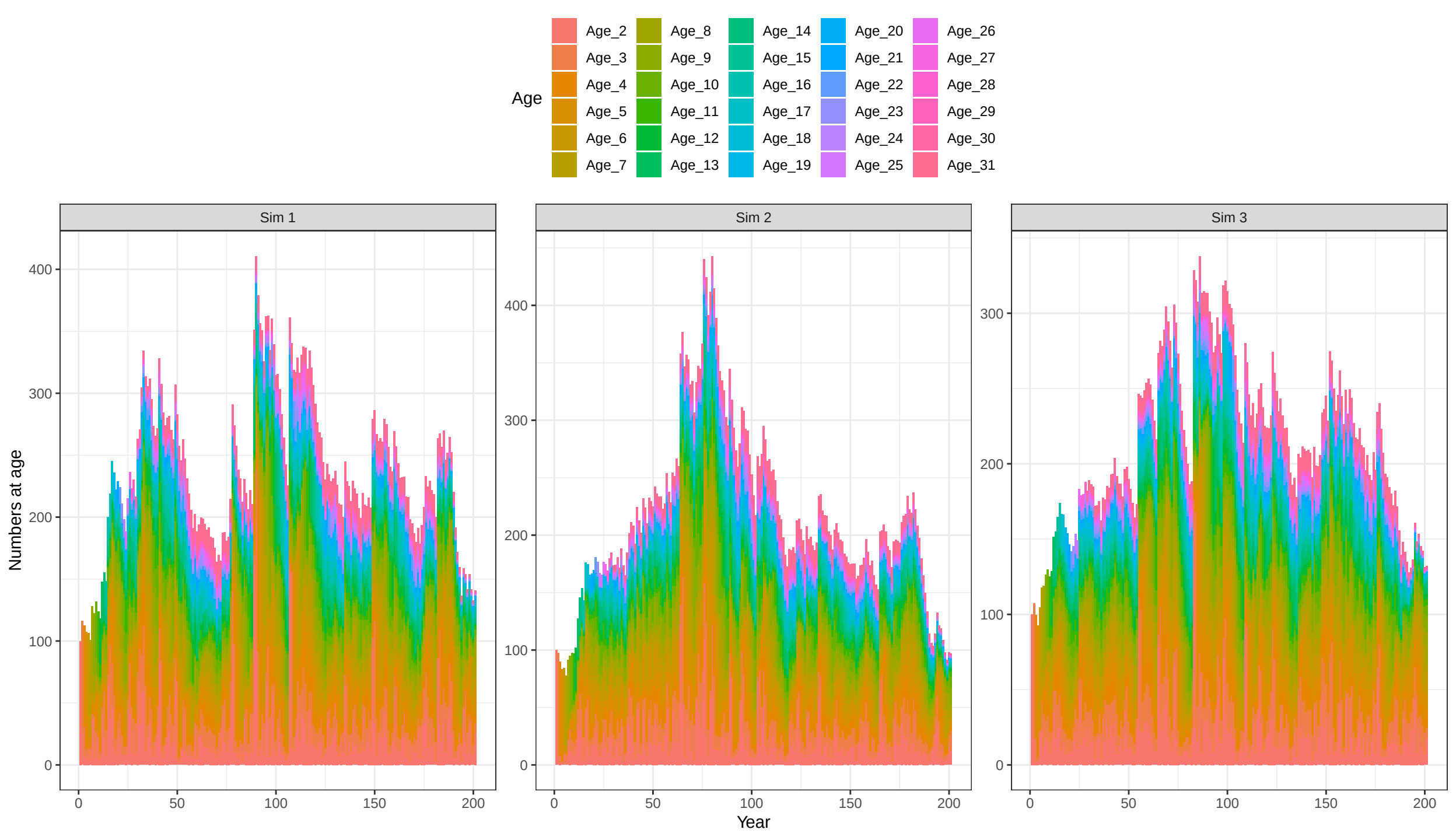

Recruitment Total
300
200
100
0
0
50
100
150
200
Year

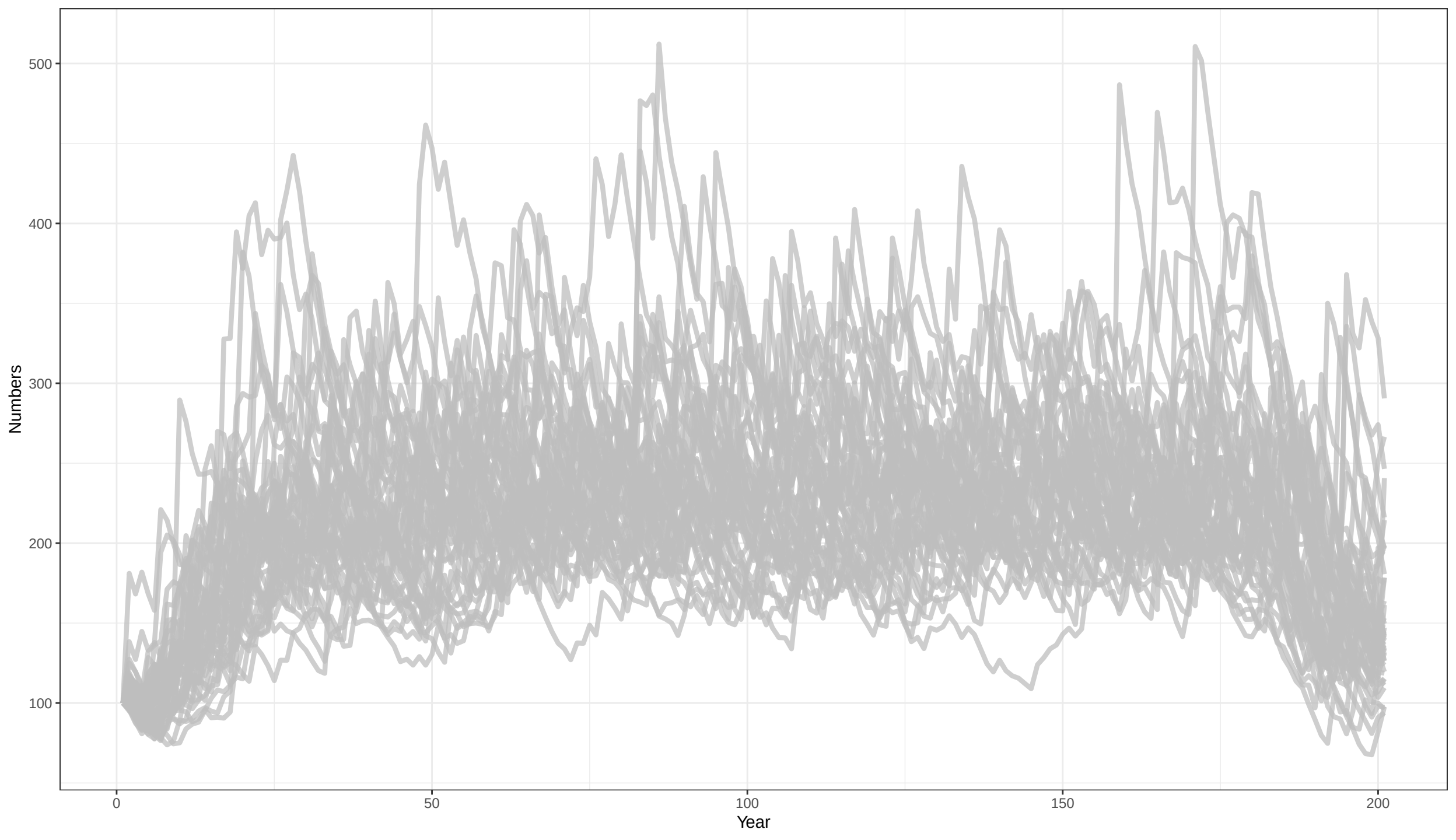

3000
2000
1000
0
SSB
0
50
100
150
200
Year

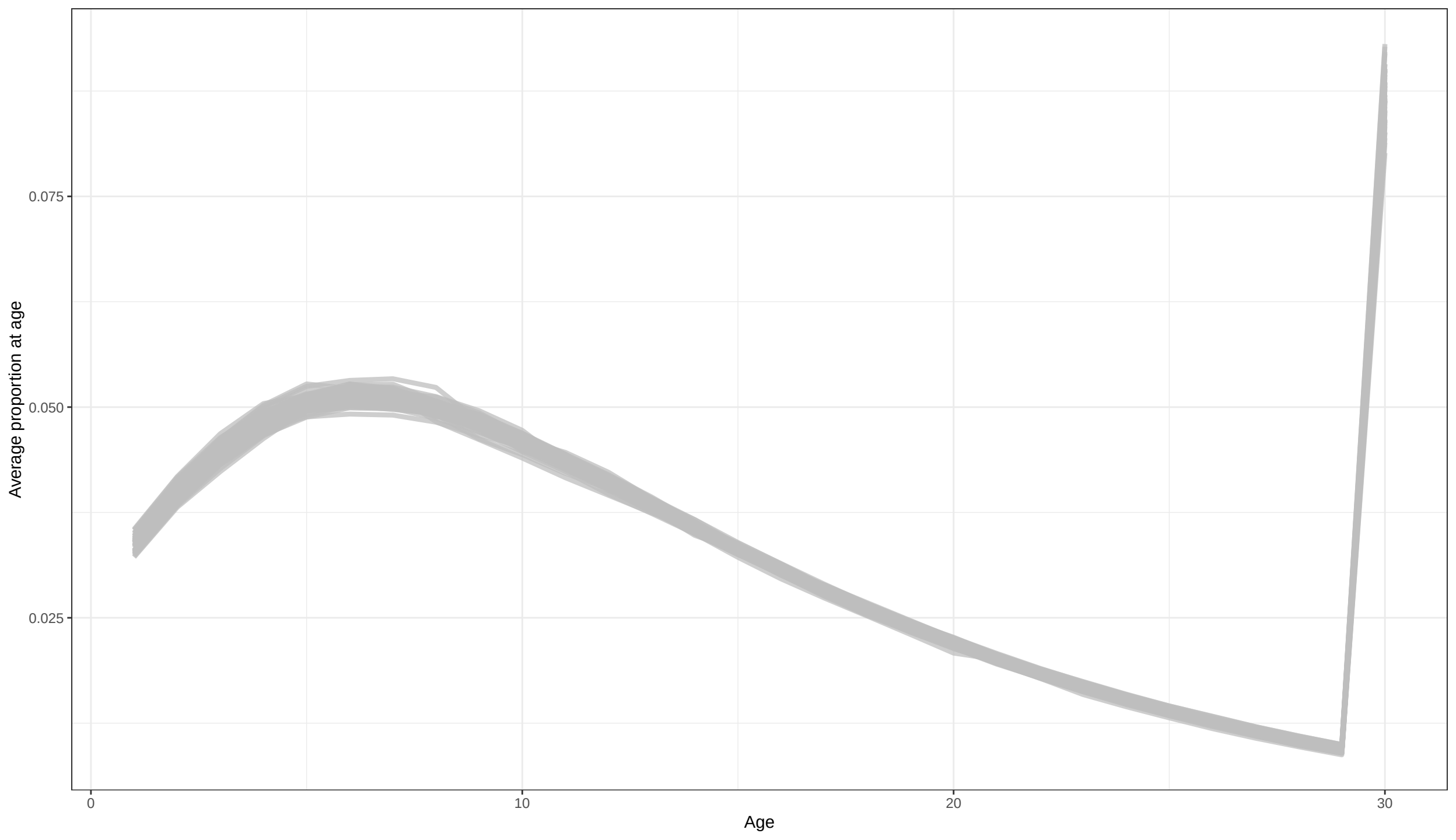

Recruitment Total
300
200
100
0
0
1000
2000
3000
SSB

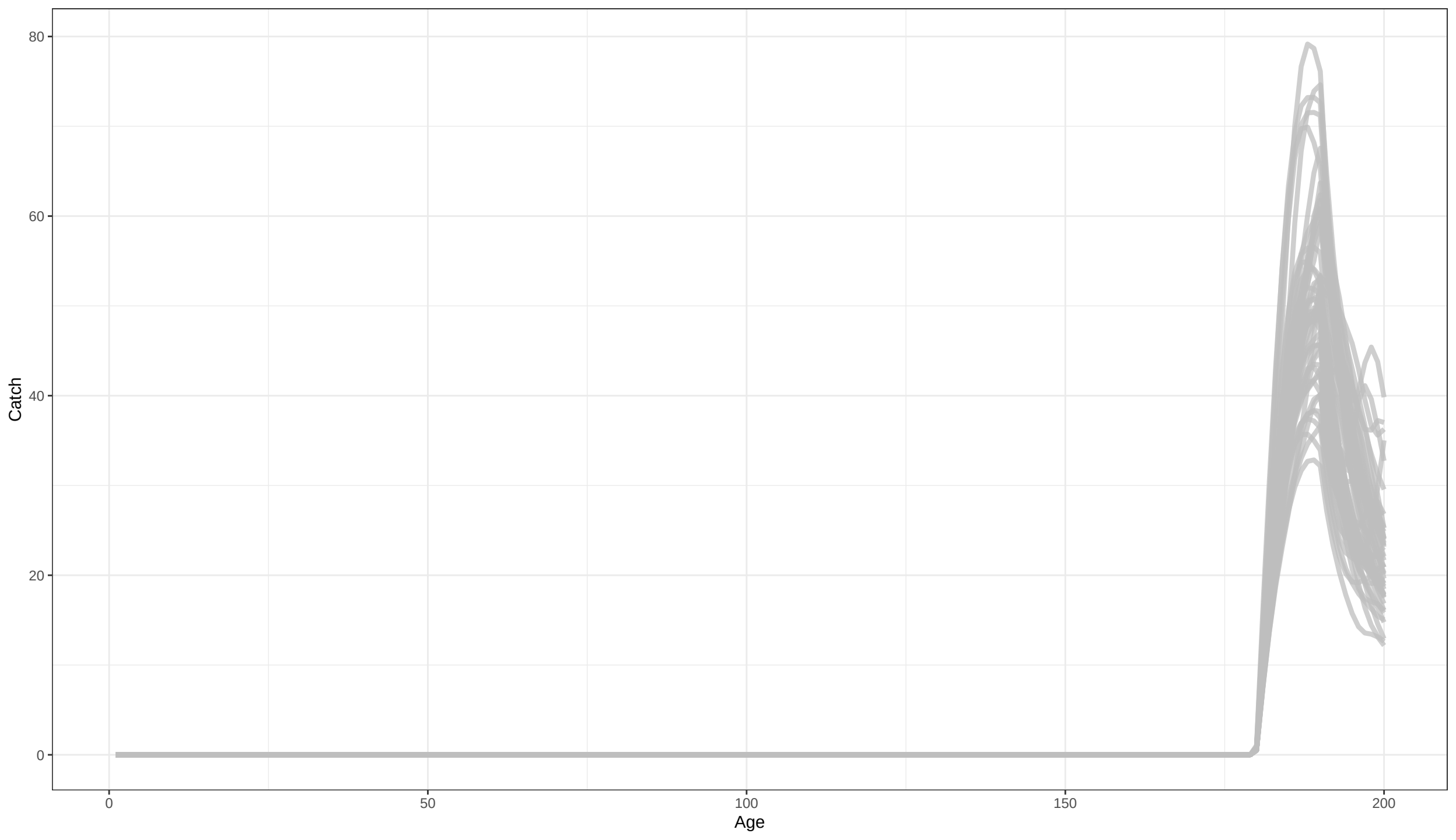

Sim 1
Sim 2
Sim 3
Biomass at age
Year
0
250
500
750
1000
1250
1500
300
600
900
0
50
100
150
200


1500
1000
500
Biomass
0
50
100
150
200
Year

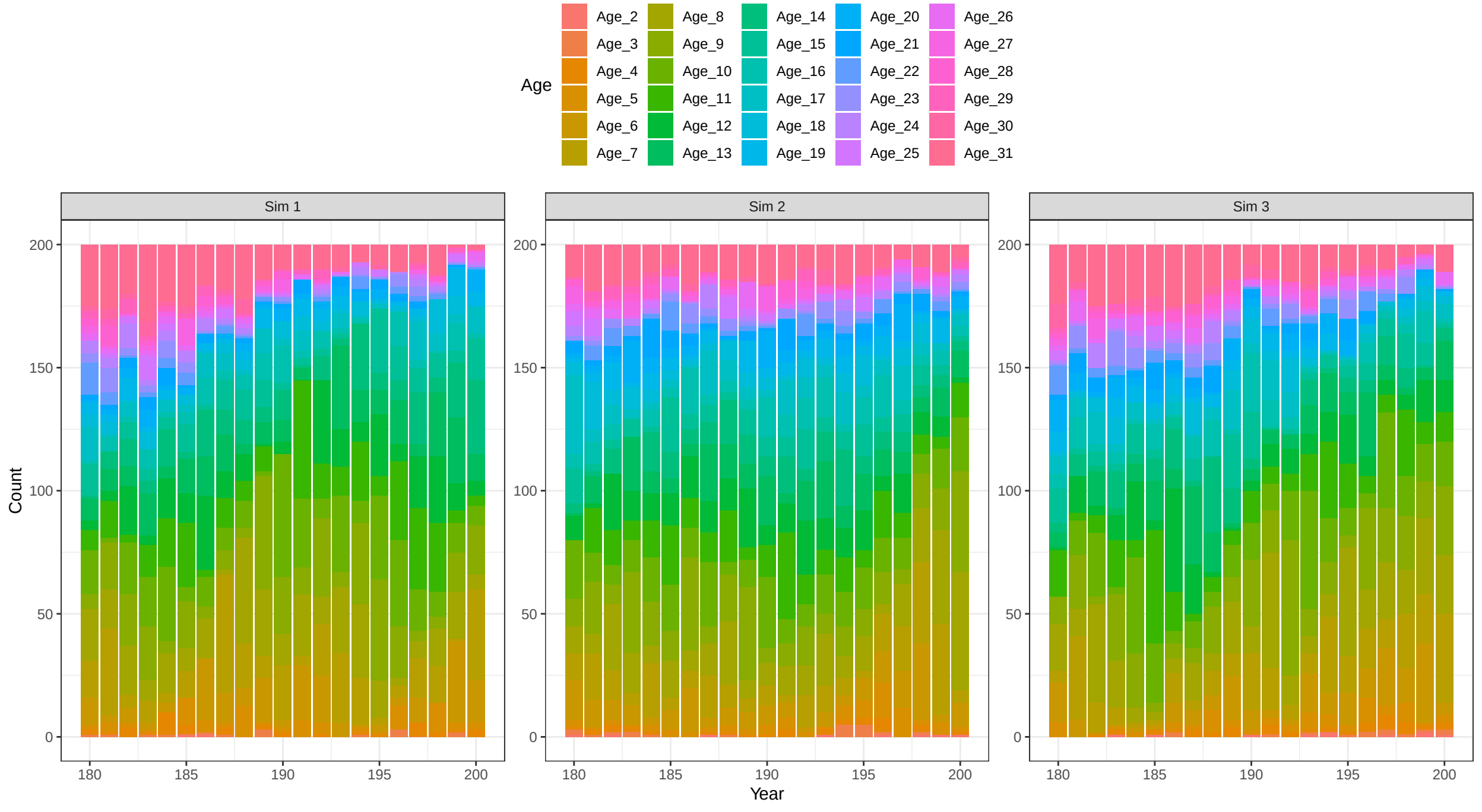

Age
Age_2
Age_3
Age_4
Age_5
Age_6
Age_7
Age_8
Age_9
Age_10
Age_11
Age_12
Age_13
Age_14
Age_15
Age_16
Age_17
Age_18
Age_19
Age_20
Age_21
Age_22
Age_23
Age_24
Age_25
Age_26
Age_27
Age_28
Age_29
Age_30
Age_31
Sim 1
Sim 2
Sim 3
Numbers at age
Year
0
50
100
150
200
300
400


Numbers
500
400
300
200
100
0
50
100
150
200
Year

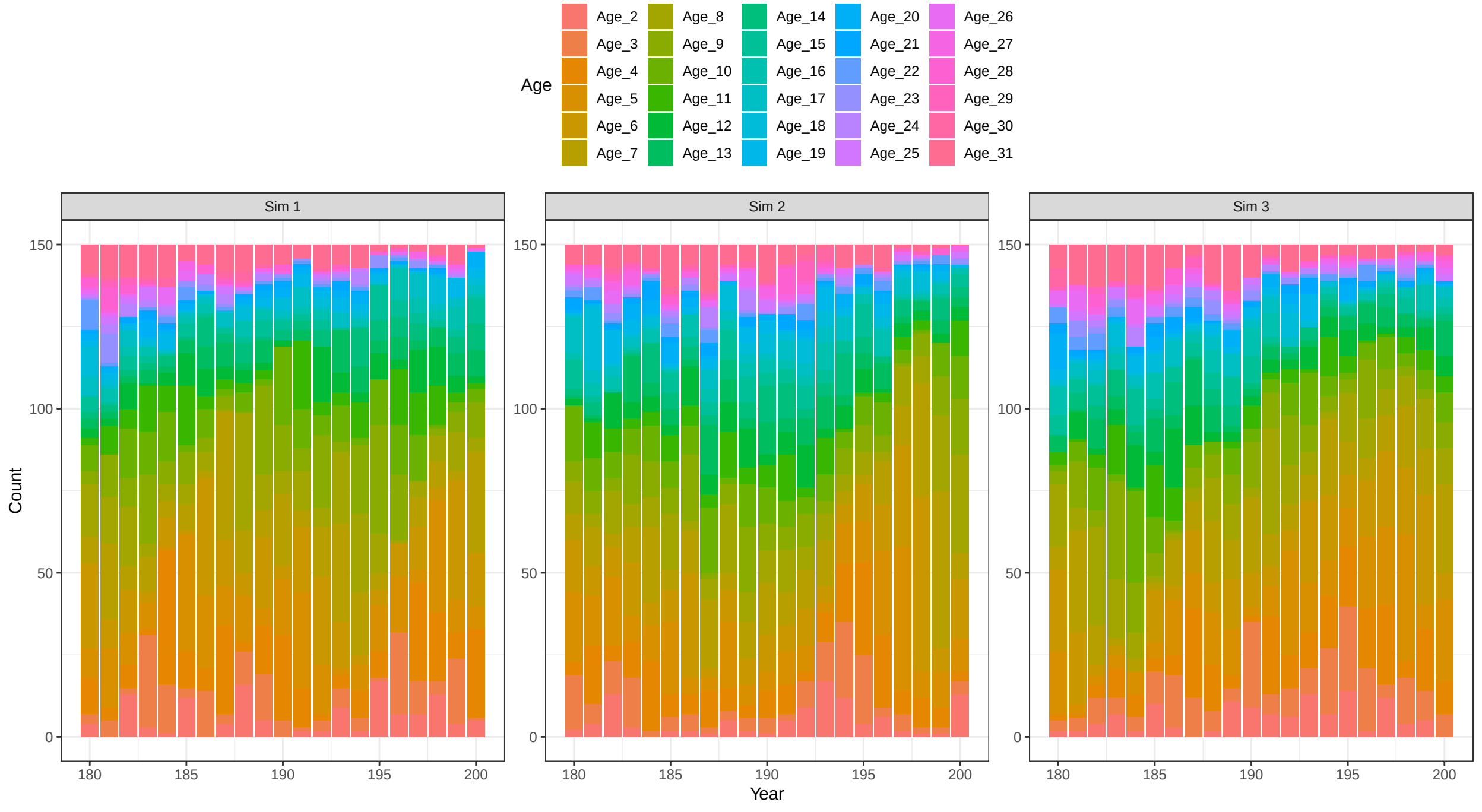

0.075
0.050
0.025
Average proportion at age
0
10
20
30
Age

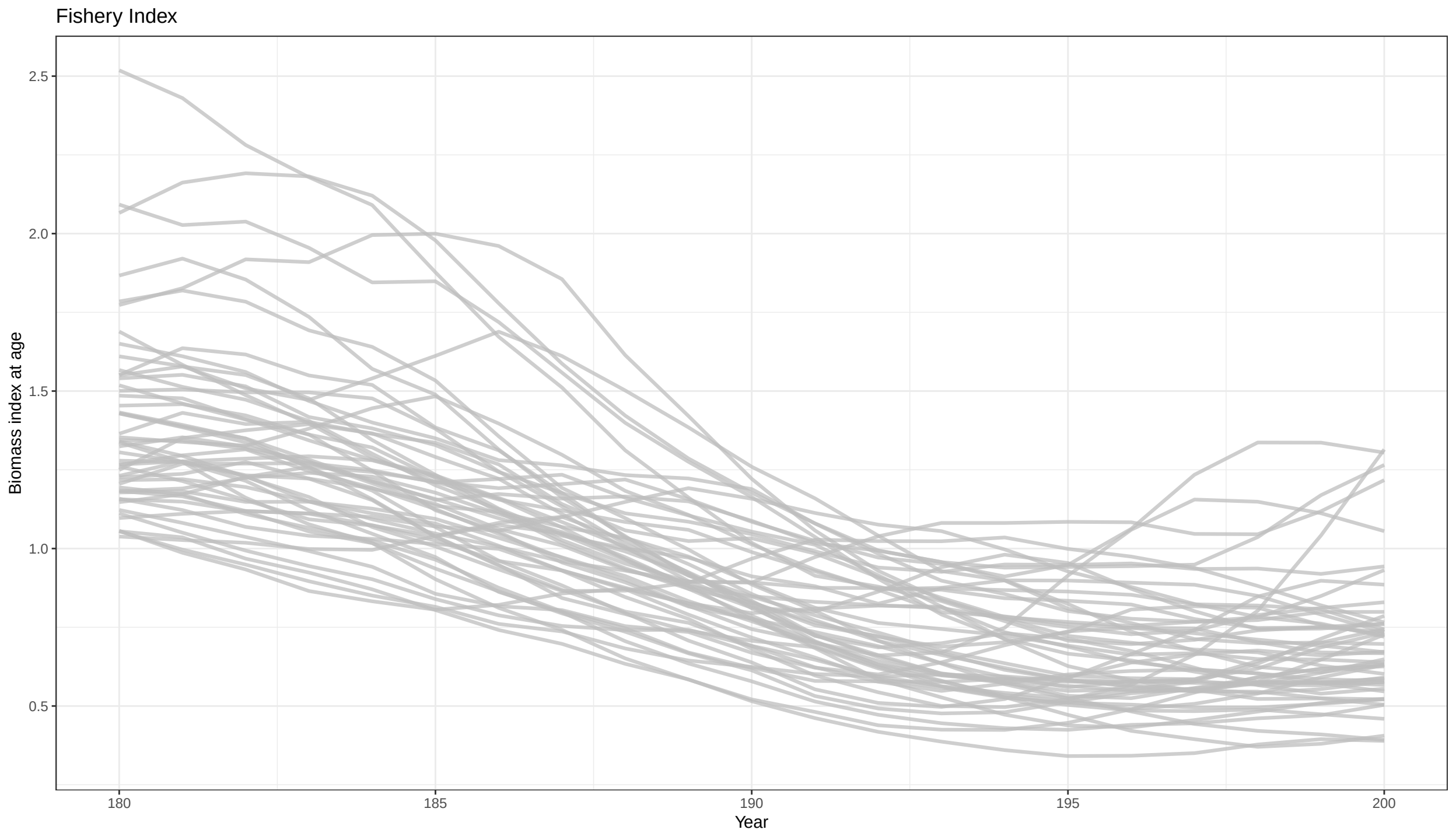

80
60
40
20
0
Catch
0
50
100
150
200
Age

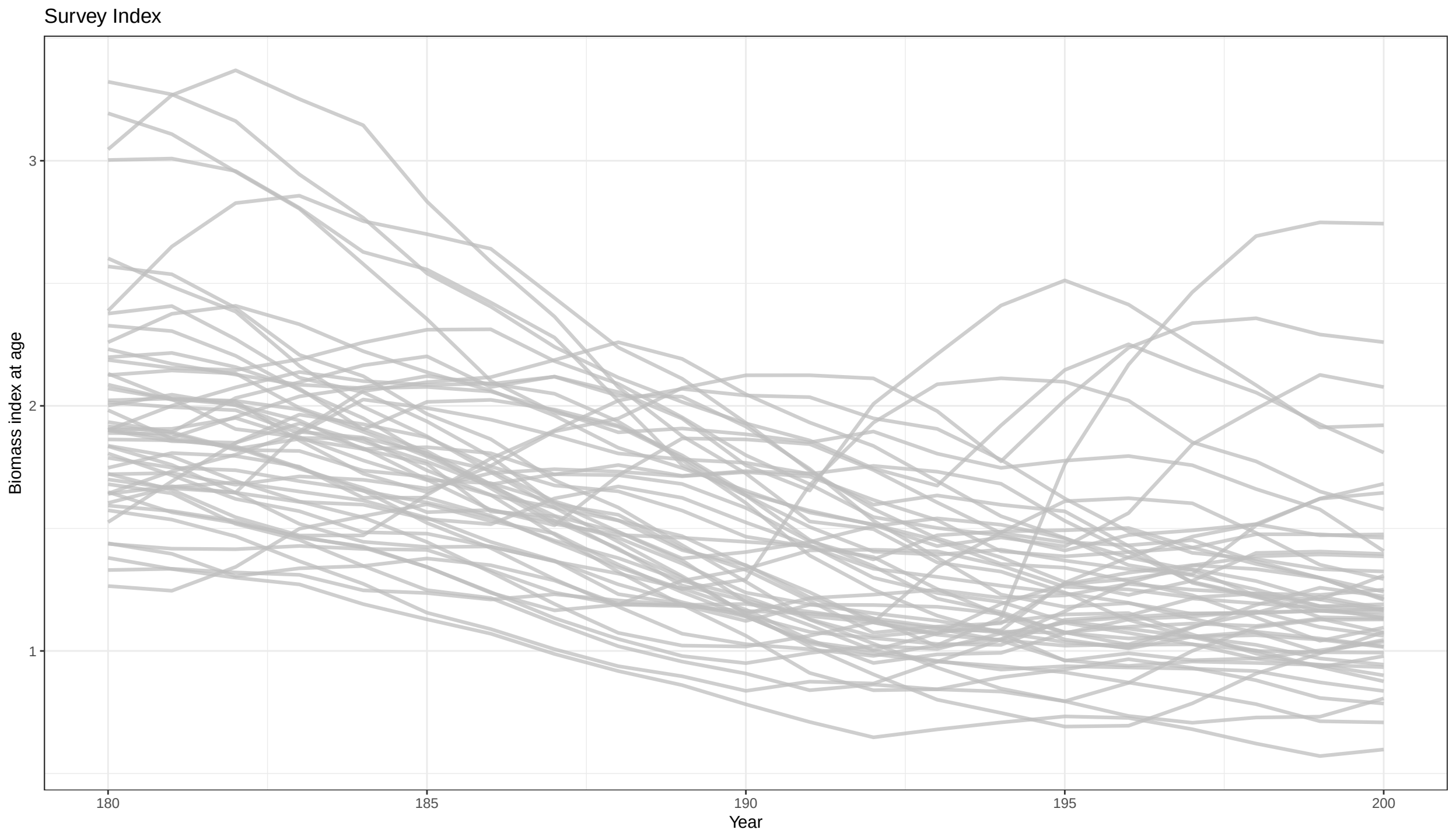
Fishery Comps



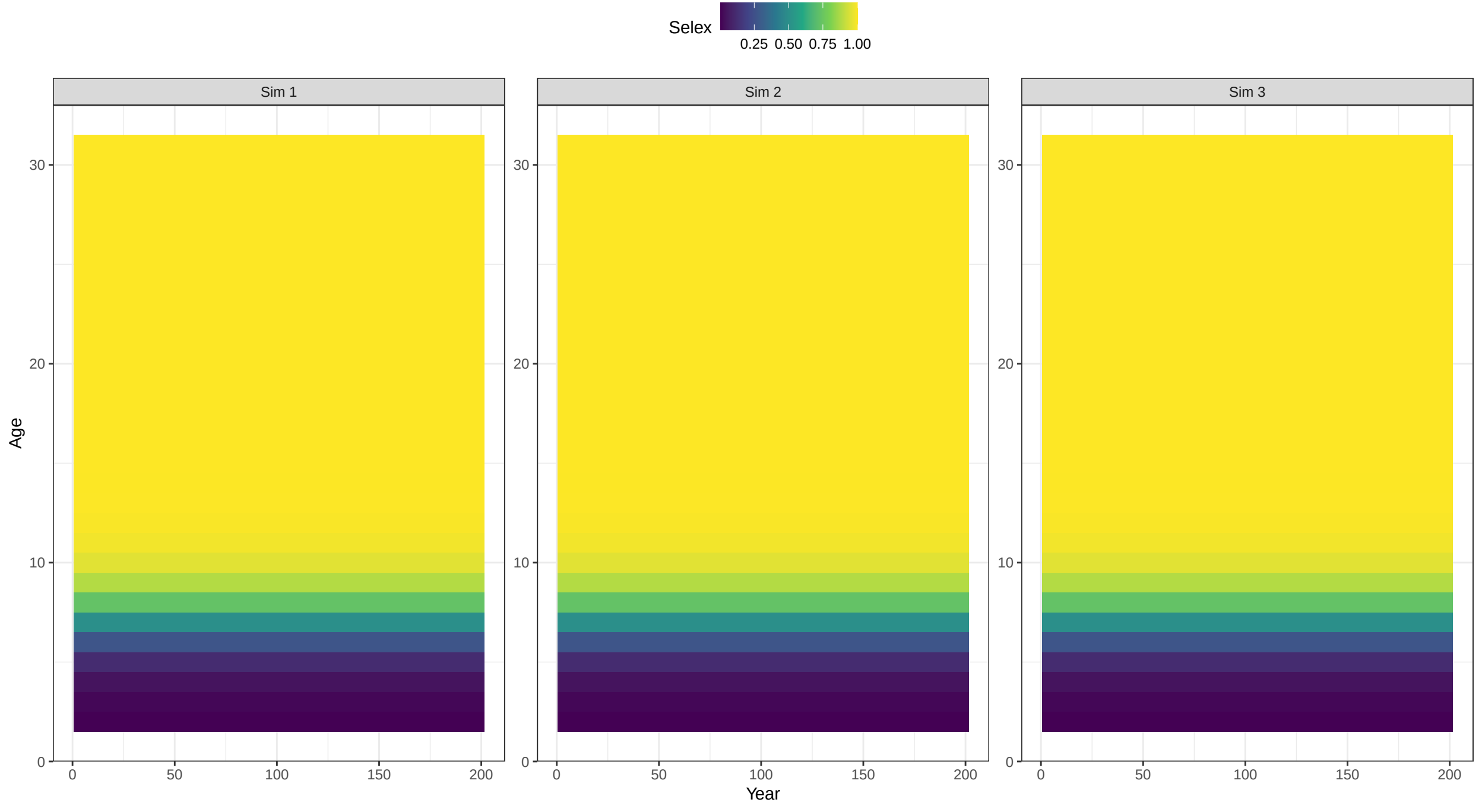
Survey Comps



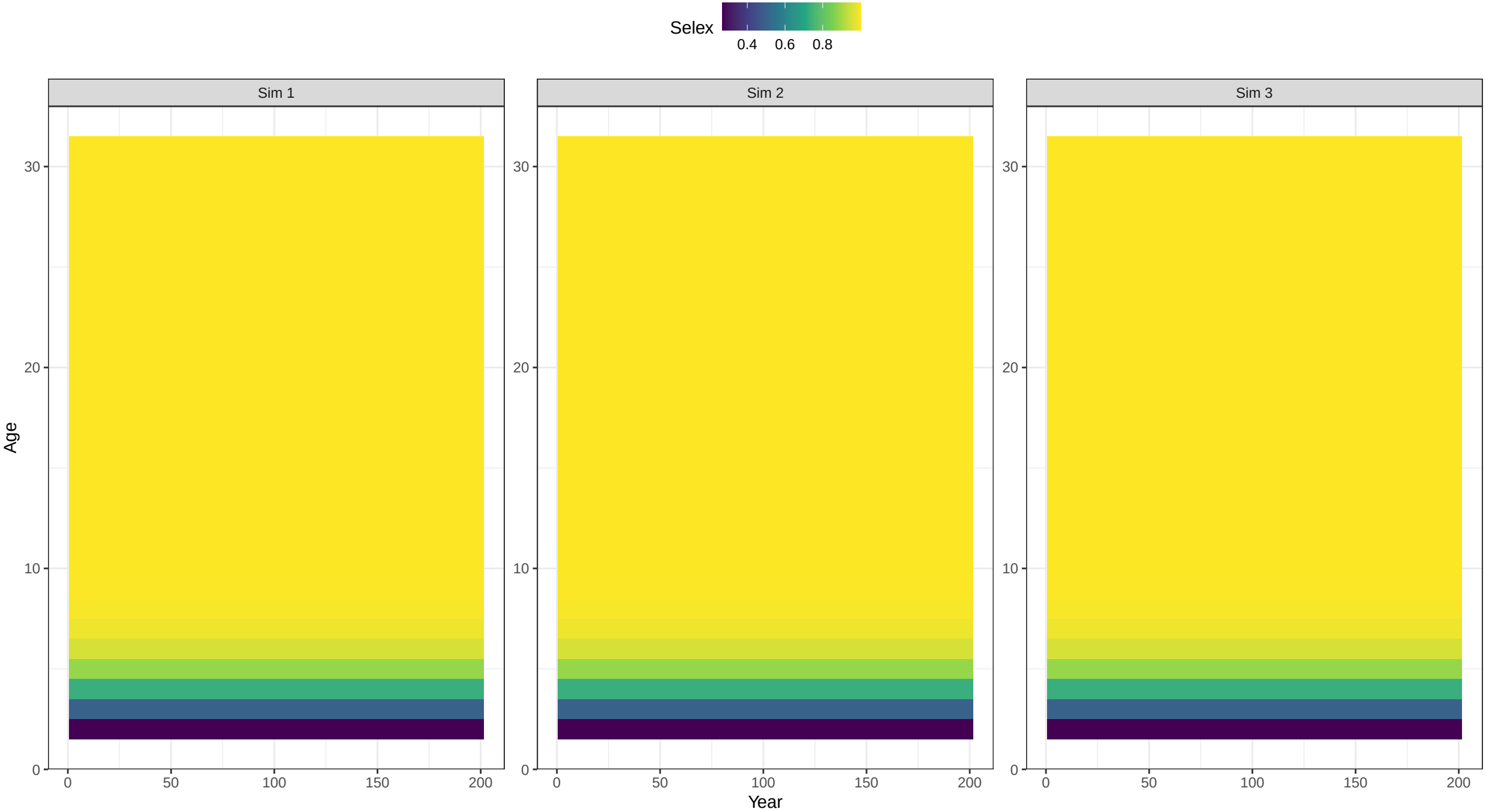

Fishery Index
Biomass index at age
2.5
2.0
1.5
1.0
0.5
180
185
190
195
200
Year

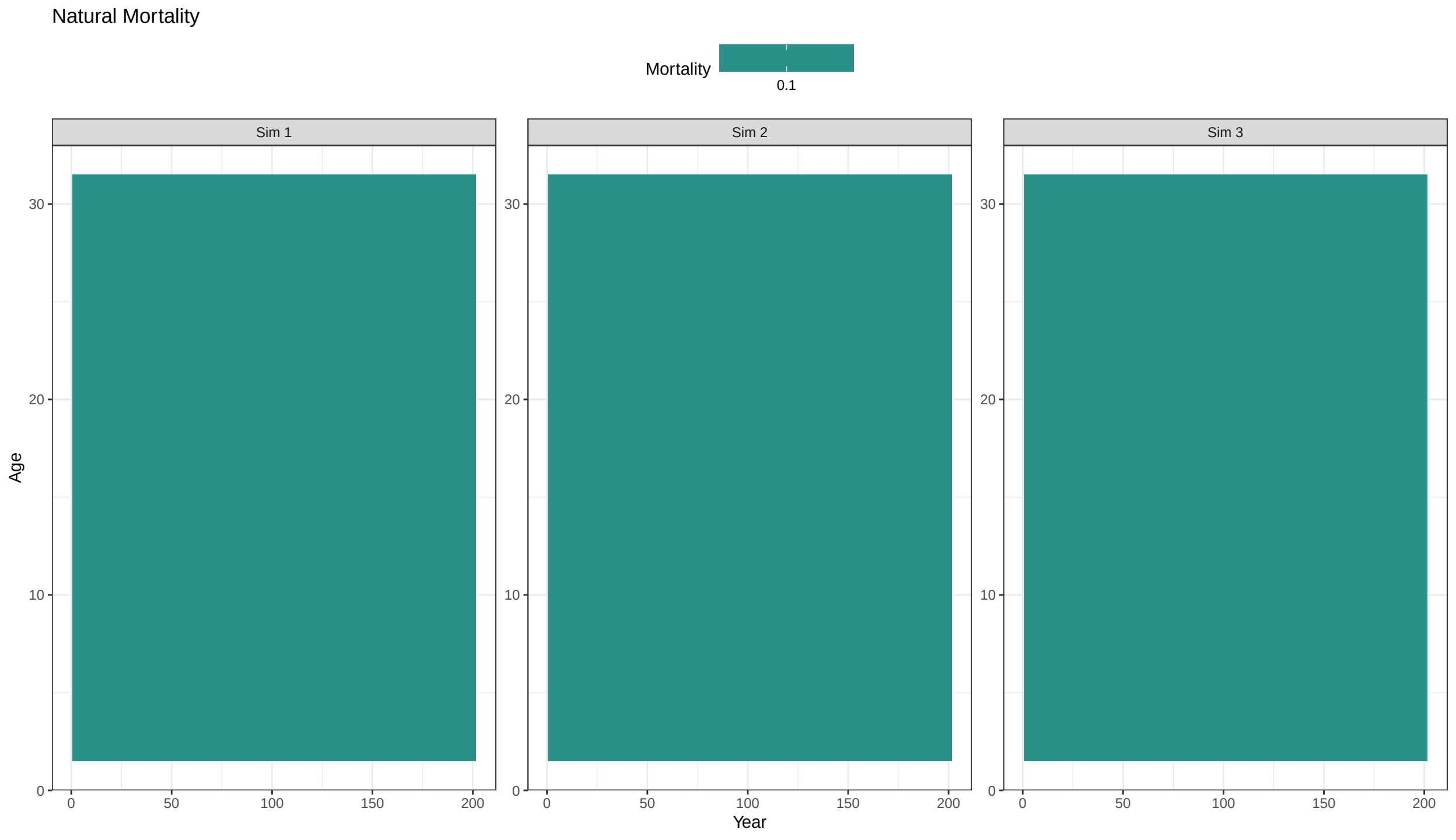

Survey Index
Biomass index at age
3
2
1
180
185
190
195
200
Year

Fishery Selectivity

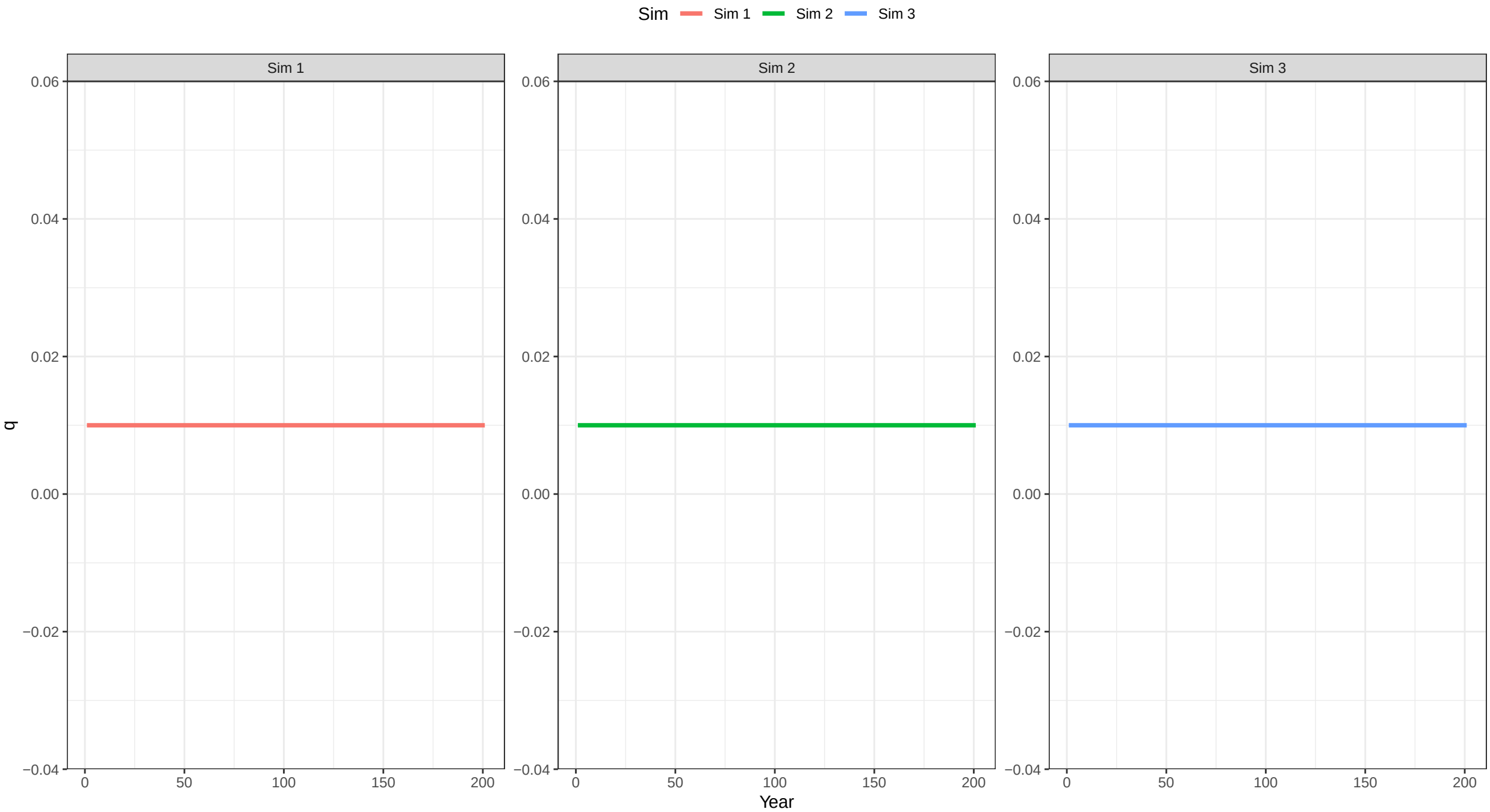


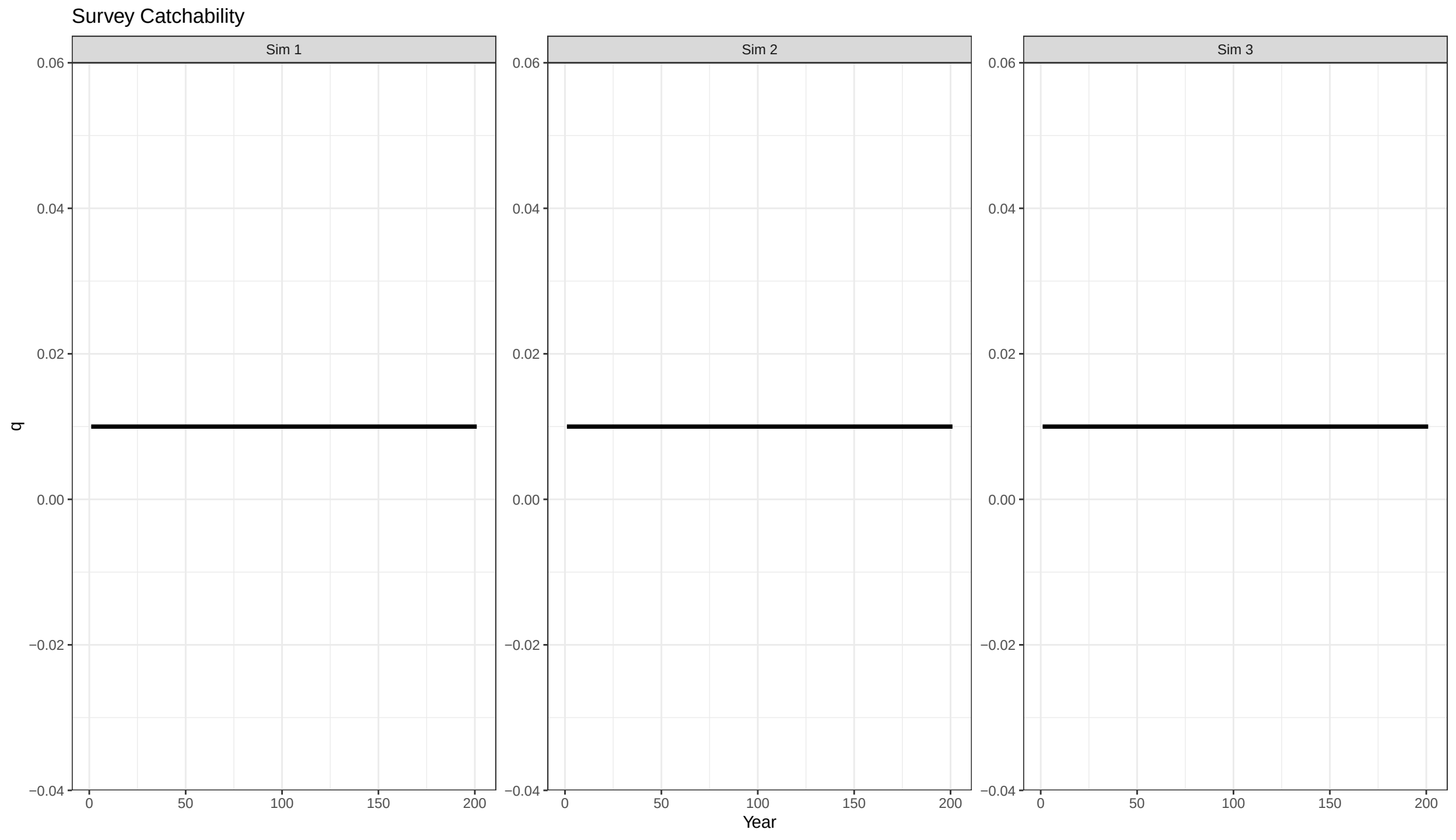
Survey Selectivity

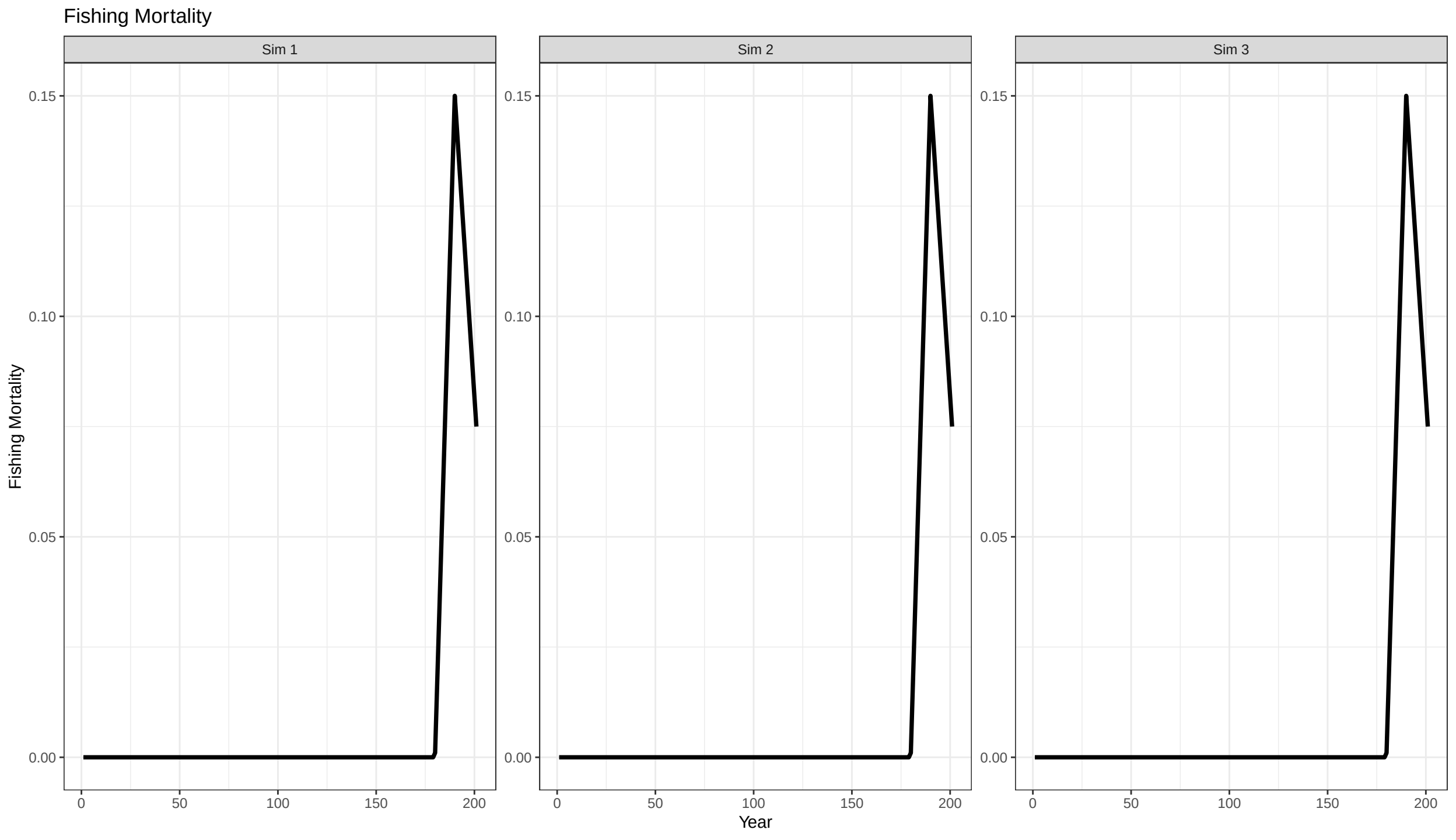



Natural Mortality
Mortality
0.1
Sim 1
Sim 2
Sim 3
Age
Year
0
10
20
30
0
50
100
150
200

Fishery Catchability




Survey Catchability
Sim 1
Sim 2
Sim 3
q
Year
0.06
0.04
0.02
0.00
−0.02
−0.04
0
50
100
150
200


Fishing Mortality
Sim 1
Sim 2
Sim 3
0.15
0.10
0.05
0.00
Fishing Mortality
0
50
100
150
200
Year