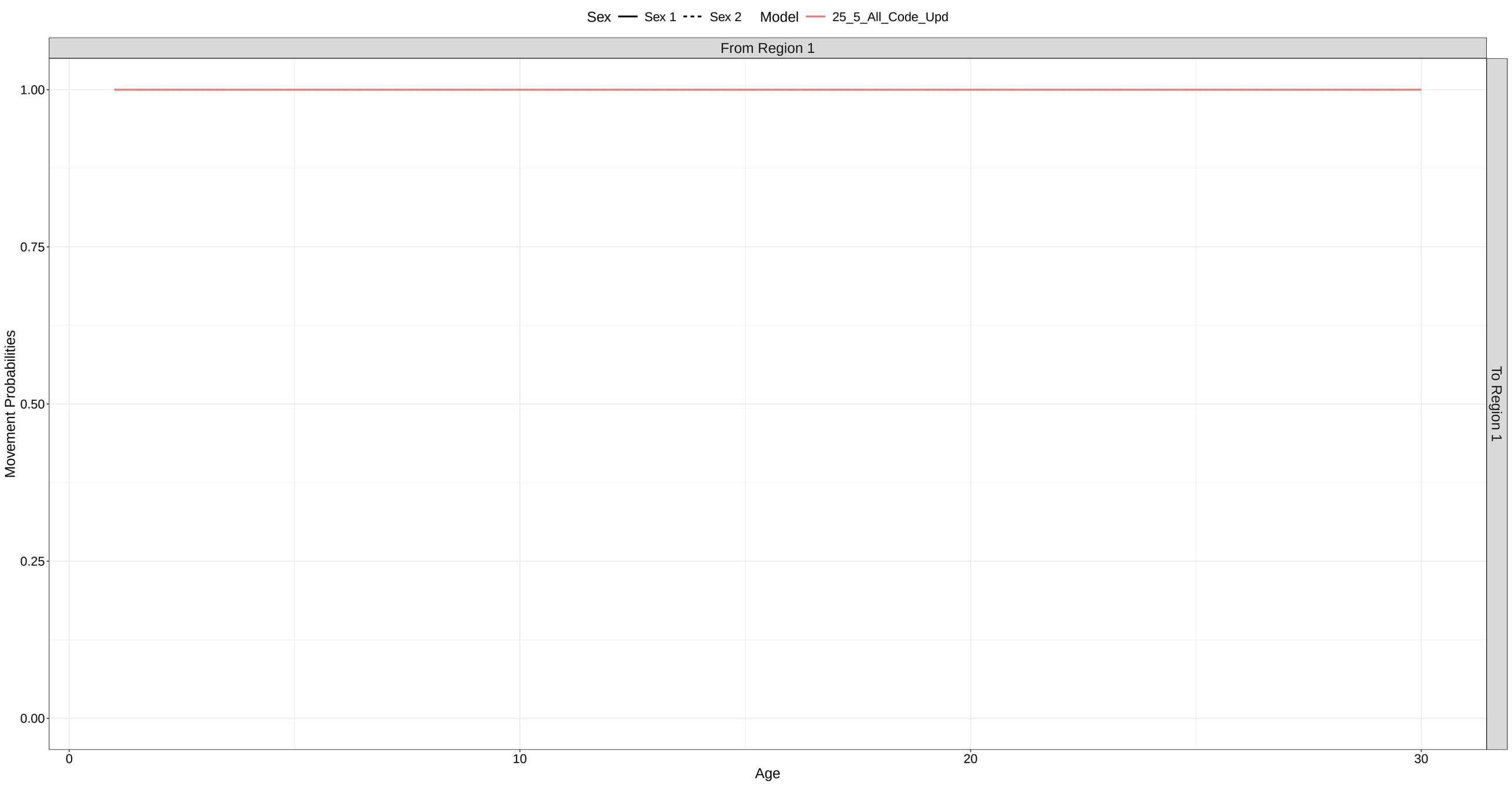
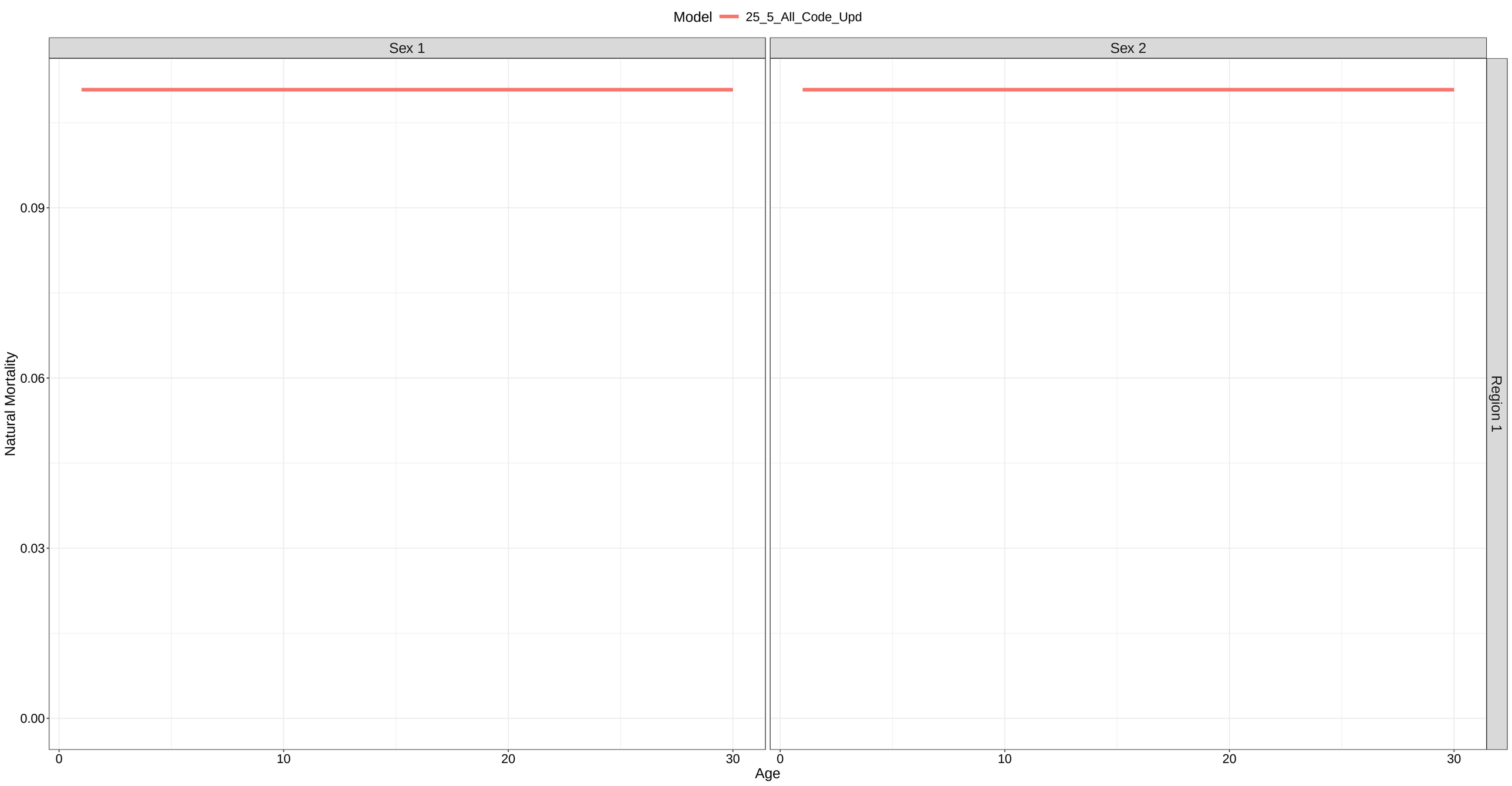
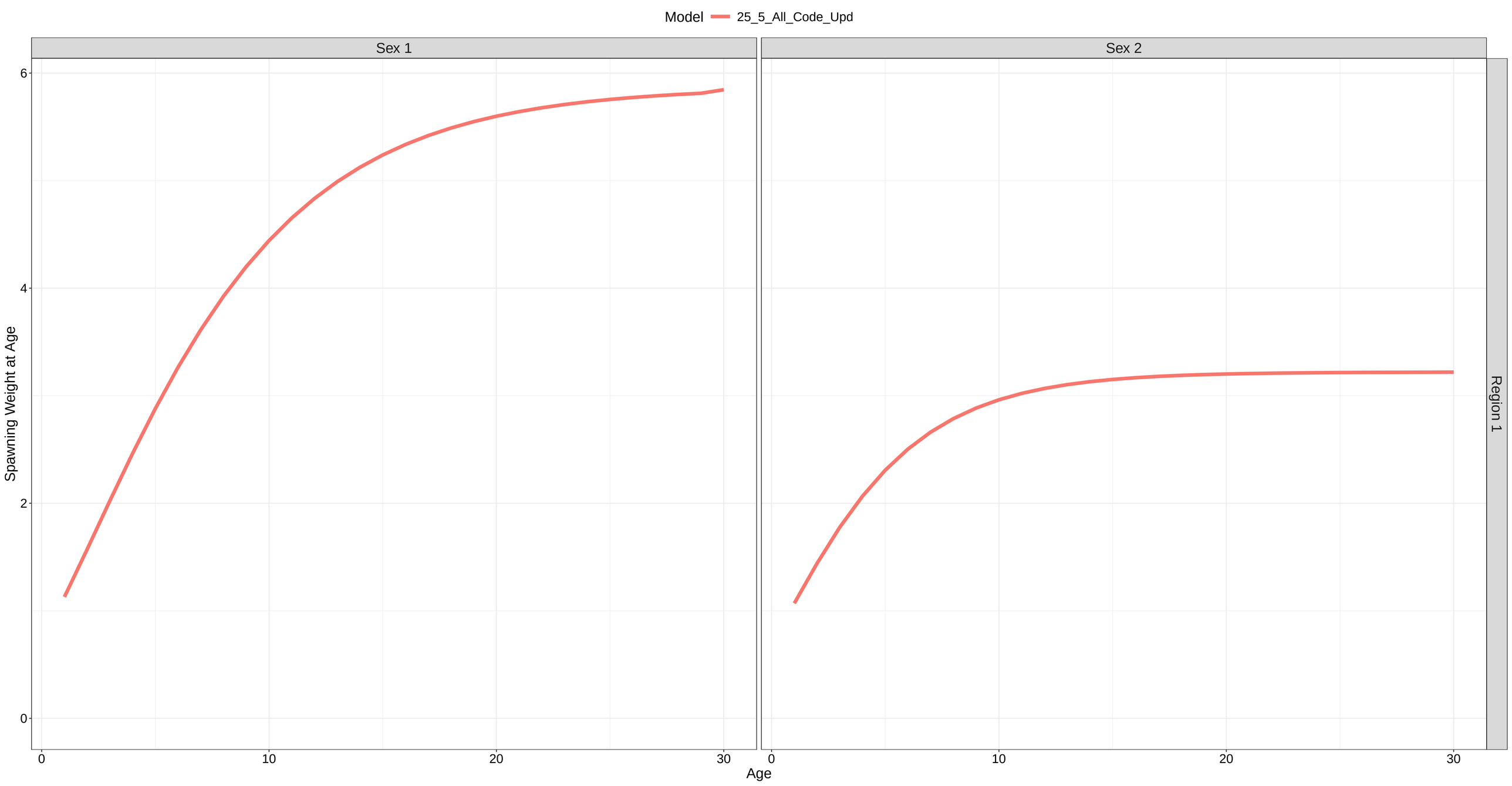
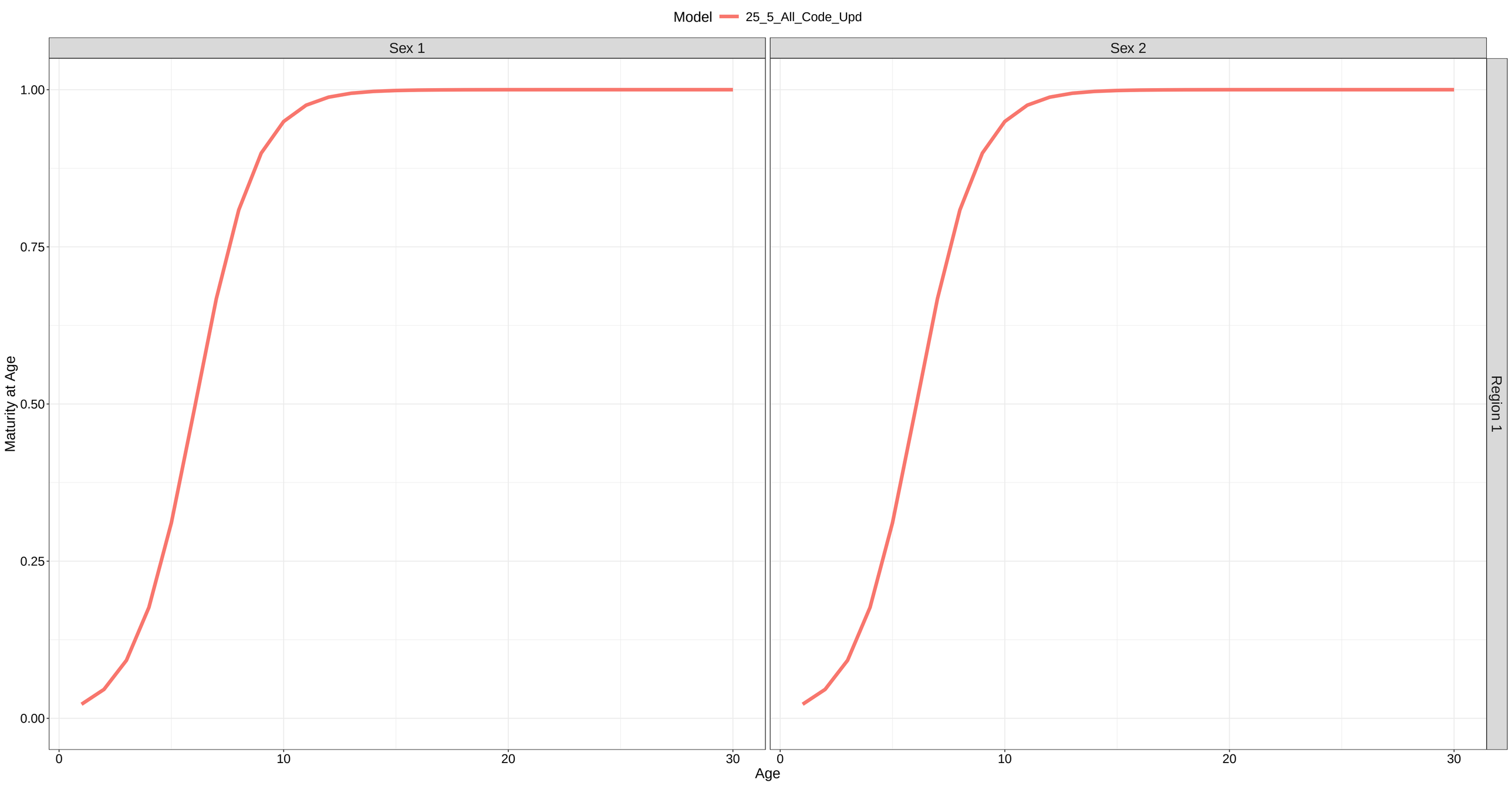
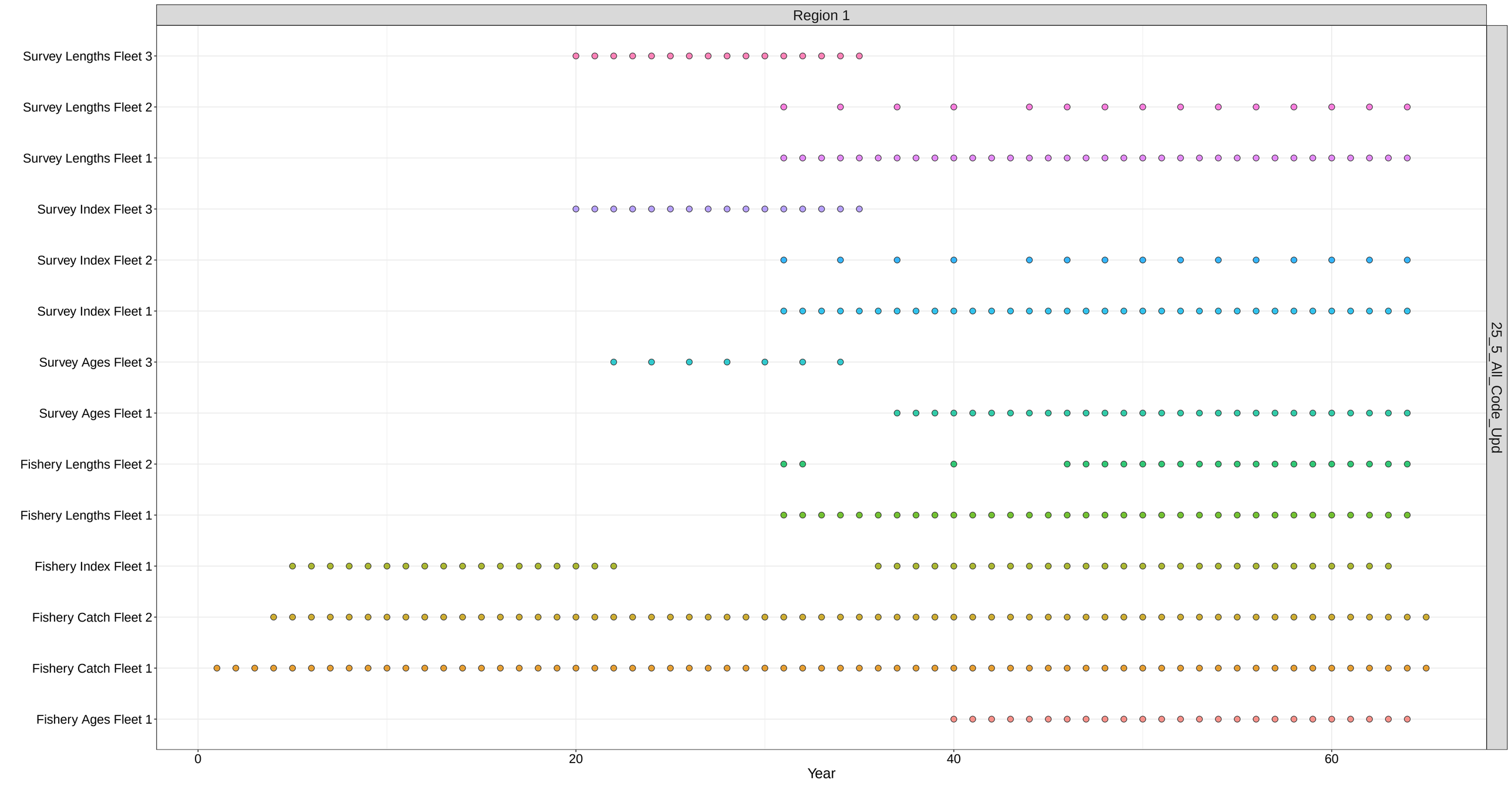
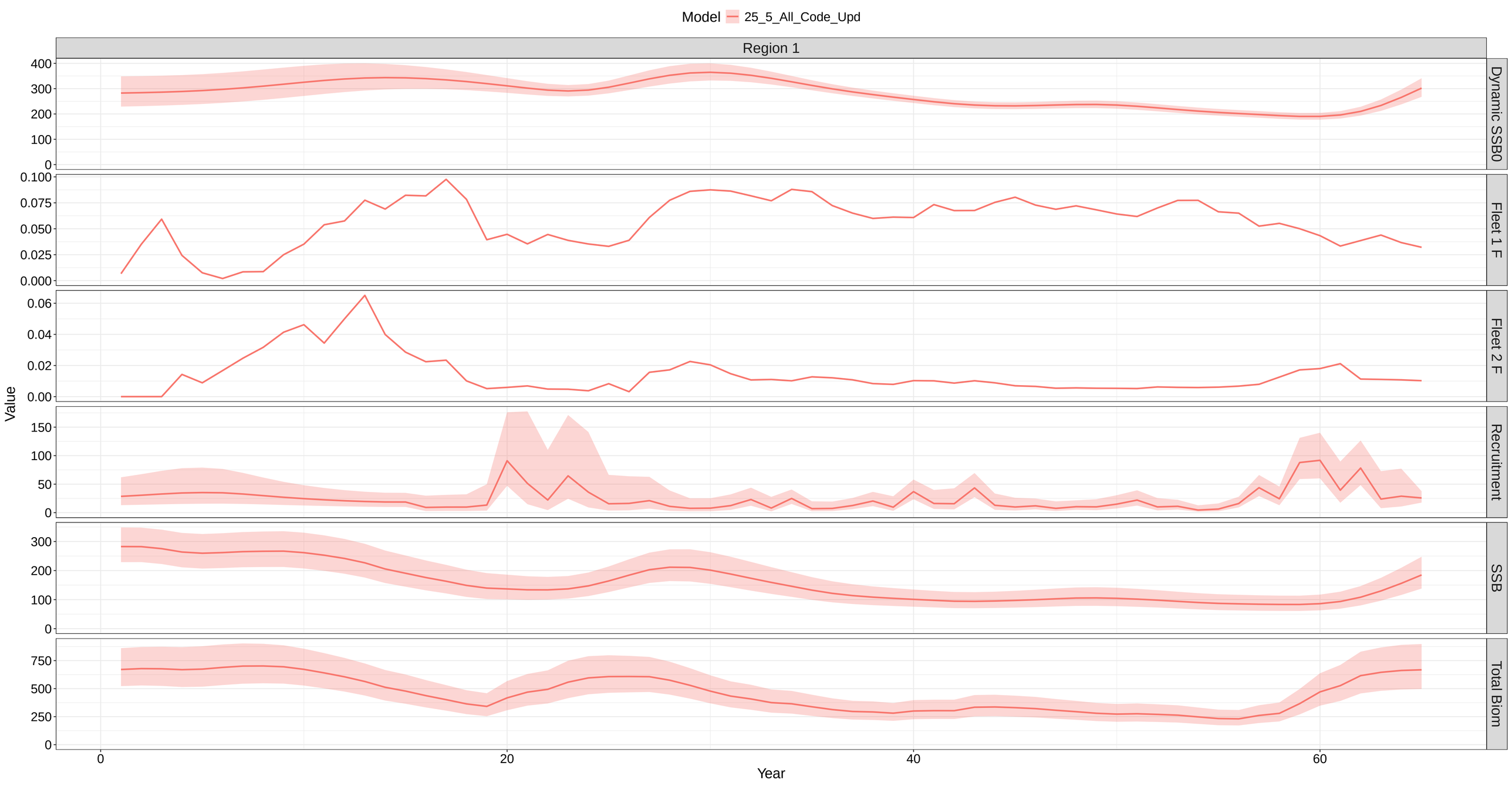

Sex
Sex 1
Sex 2
Model
25_5_All_Code_Upd
From Region 1
To Region 1
Movement Probabilities
1.00
0.75
0.50
0.25
0.00
0
10
20
30
Age

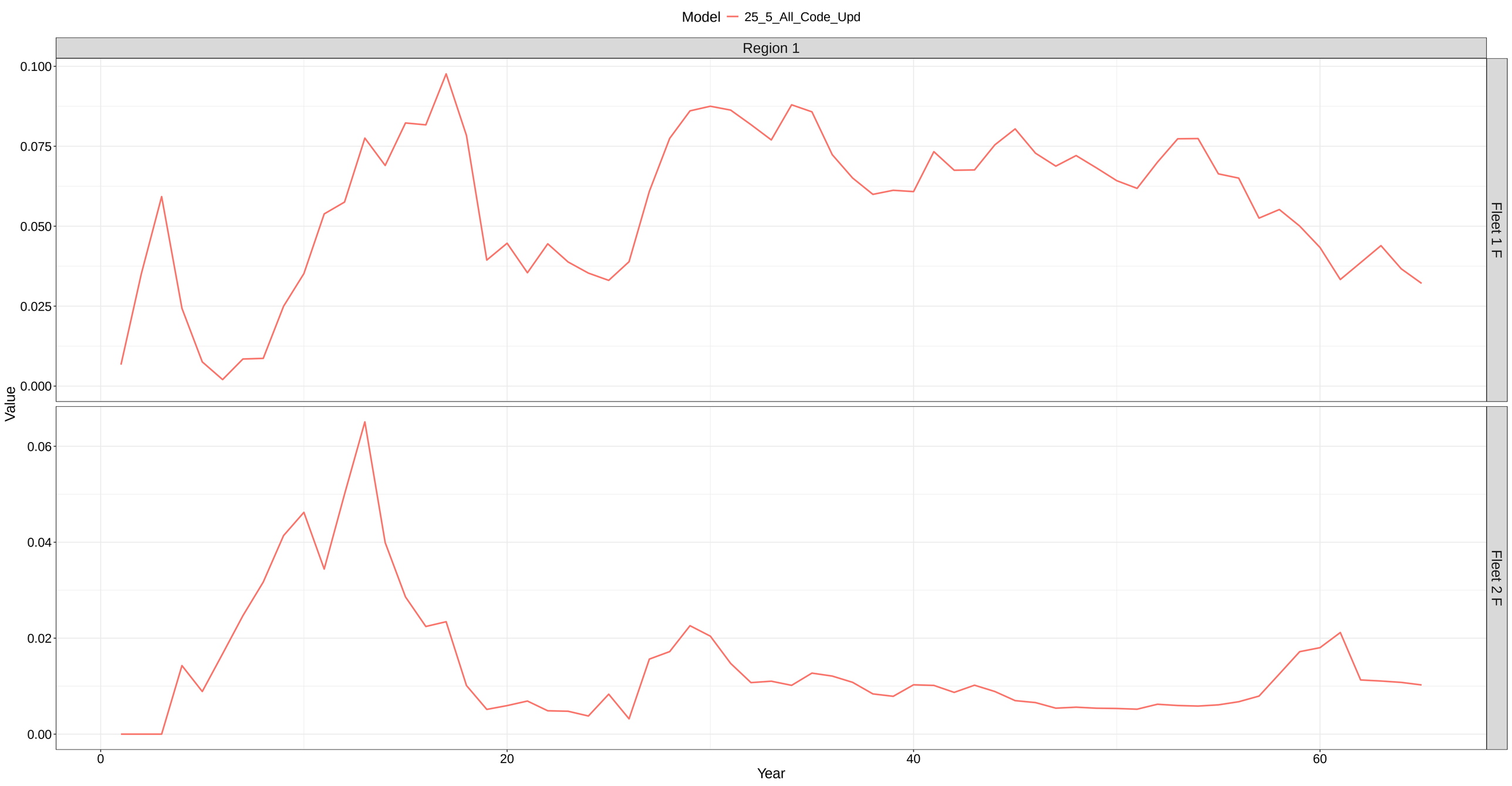

Model
25_5_All_Code_Upd
Sex 1
Sex 2
Region 1
Natural Mortality
0.09
0.06
0.03
0.00
0
10
20
30
Age

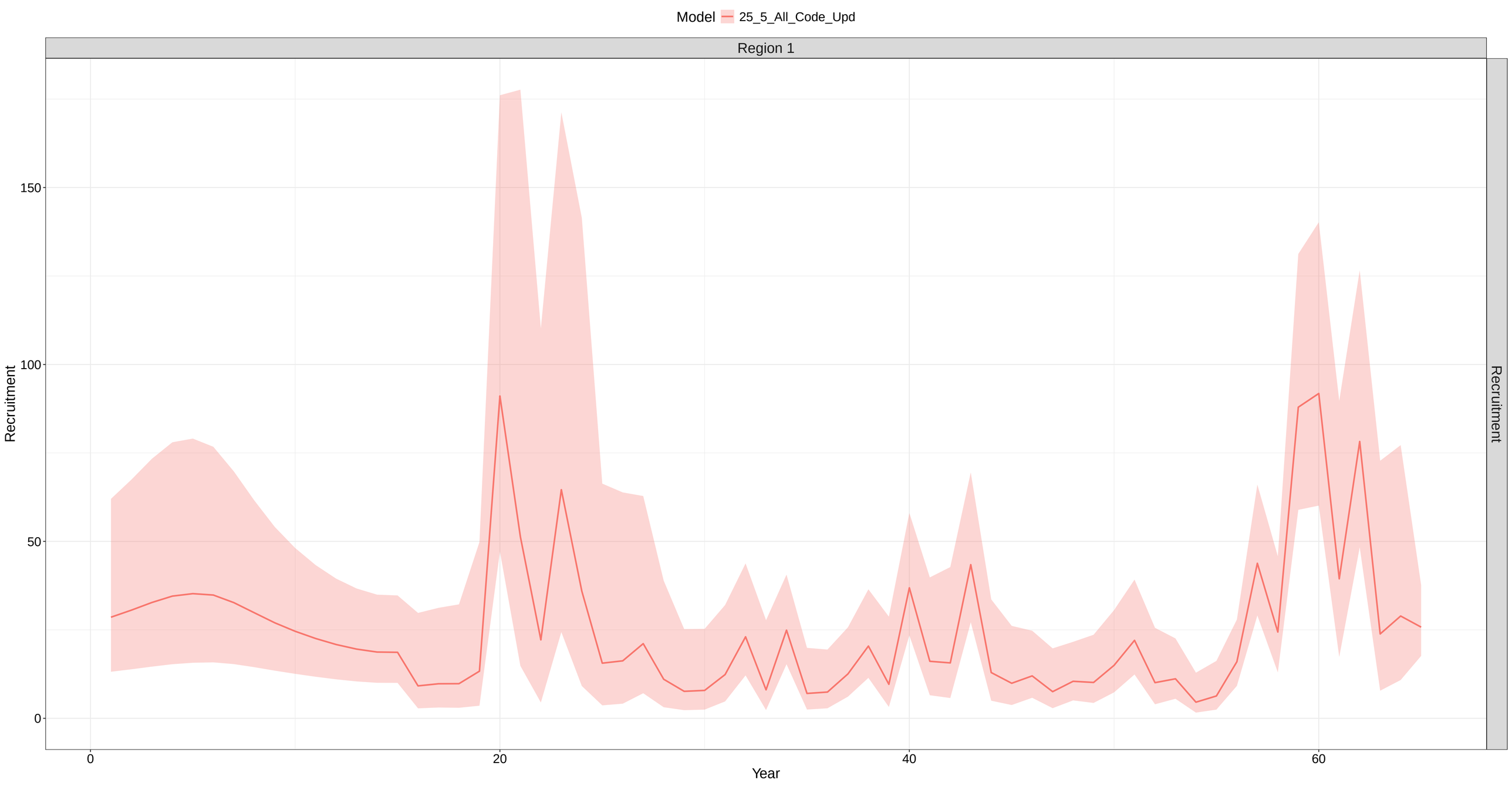

Model
25_5_All_Code_Upd
Sex 1
Sex 2
Region 1
Spawning Weight at Age
Age
0
2
4
6
0
10
20
30

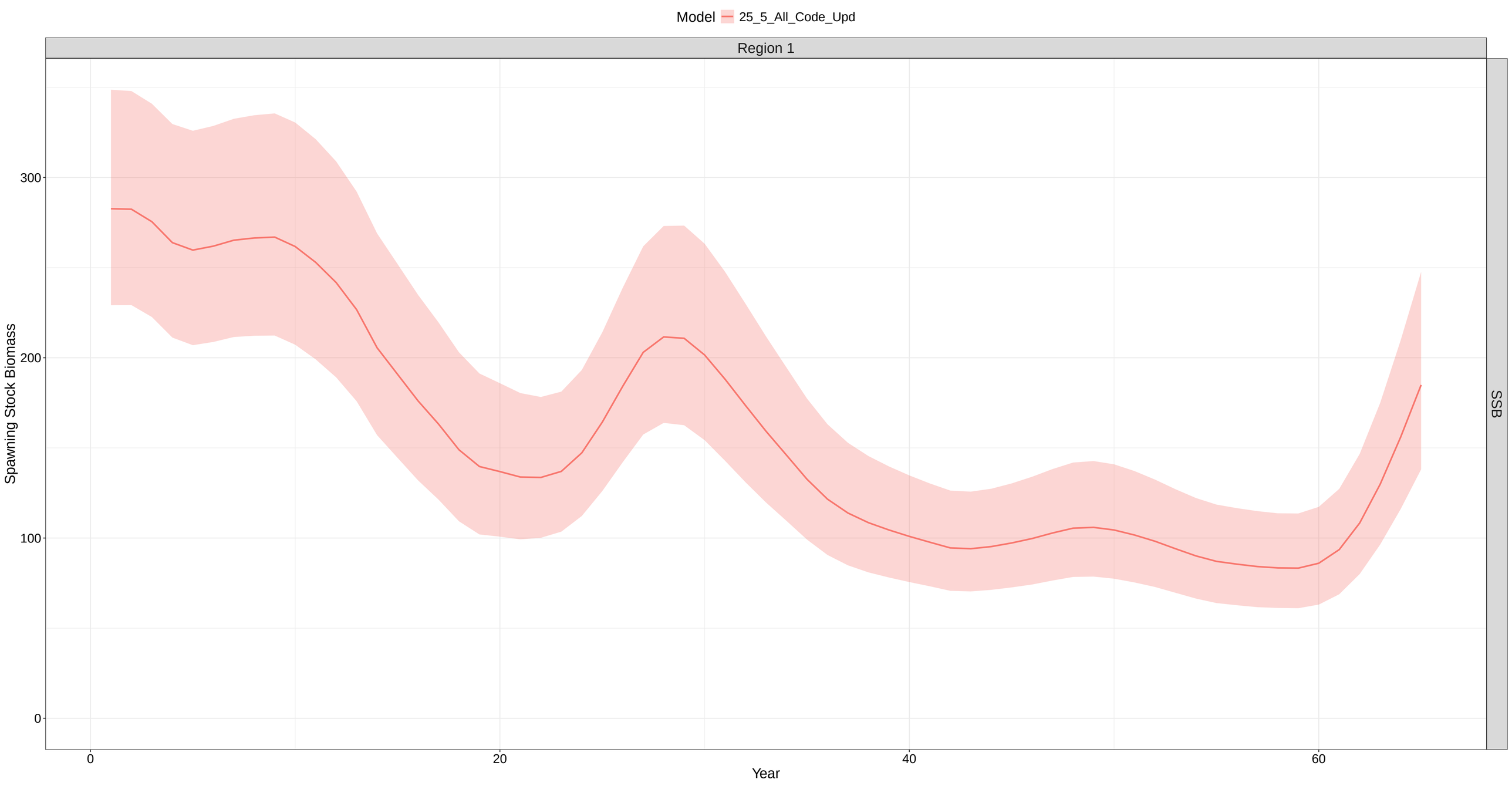

Model
25_5_All_Code_Upd
Sex 1
Sex 2
Region 1
Maturity at Age
1.00
0.75
0.50
0.25
0.00
0
10
20
30
Age

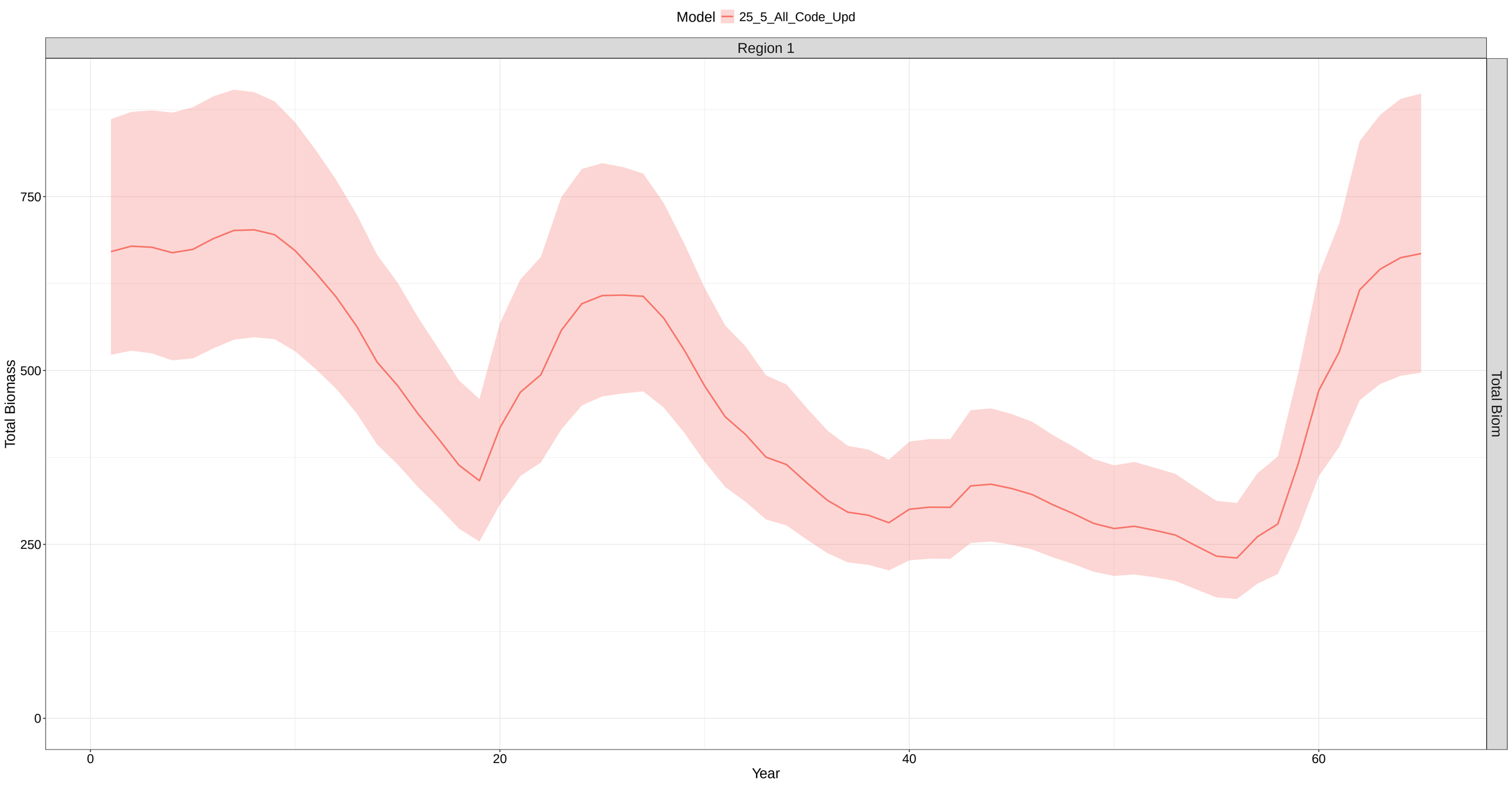

Region 1
Survey Lengths Fleet 3
Survey Lengths Fleet 2
Survey Lengths Fleet 1
Survey Index Fleet 3
Survey Index Fleet 2
Survey Index Fleet 1
Survey Ages Fleet 3
Survey Ages Fleet 1
Fishery Lengths Fleet 2
Fishery Lengths Fleet 1
Fishery Index Fleet 1
Fishery Catch Fleet 2
Fishery Catch Fleet 1
Fishery Ages Fleet 1
0
20
40
60
Year
25_5_All_Code_Upd

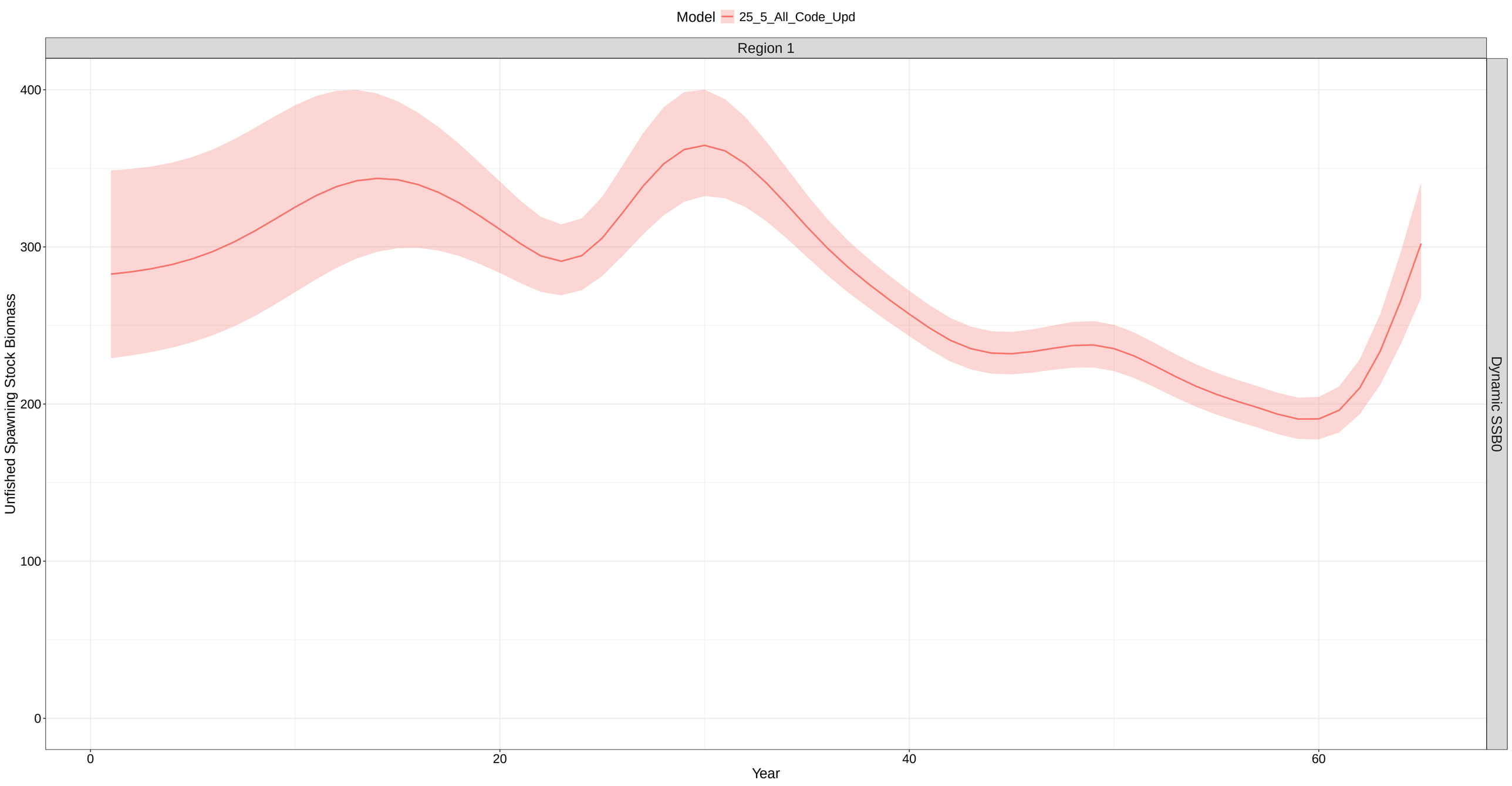

Model
25_5_All_Code_Upd
Region 1
Dynamic SSB0
Fleet 1 F
Fleet 2 F
Recruitment
SSB
Total Biom
Value
Year
0
20
40
60

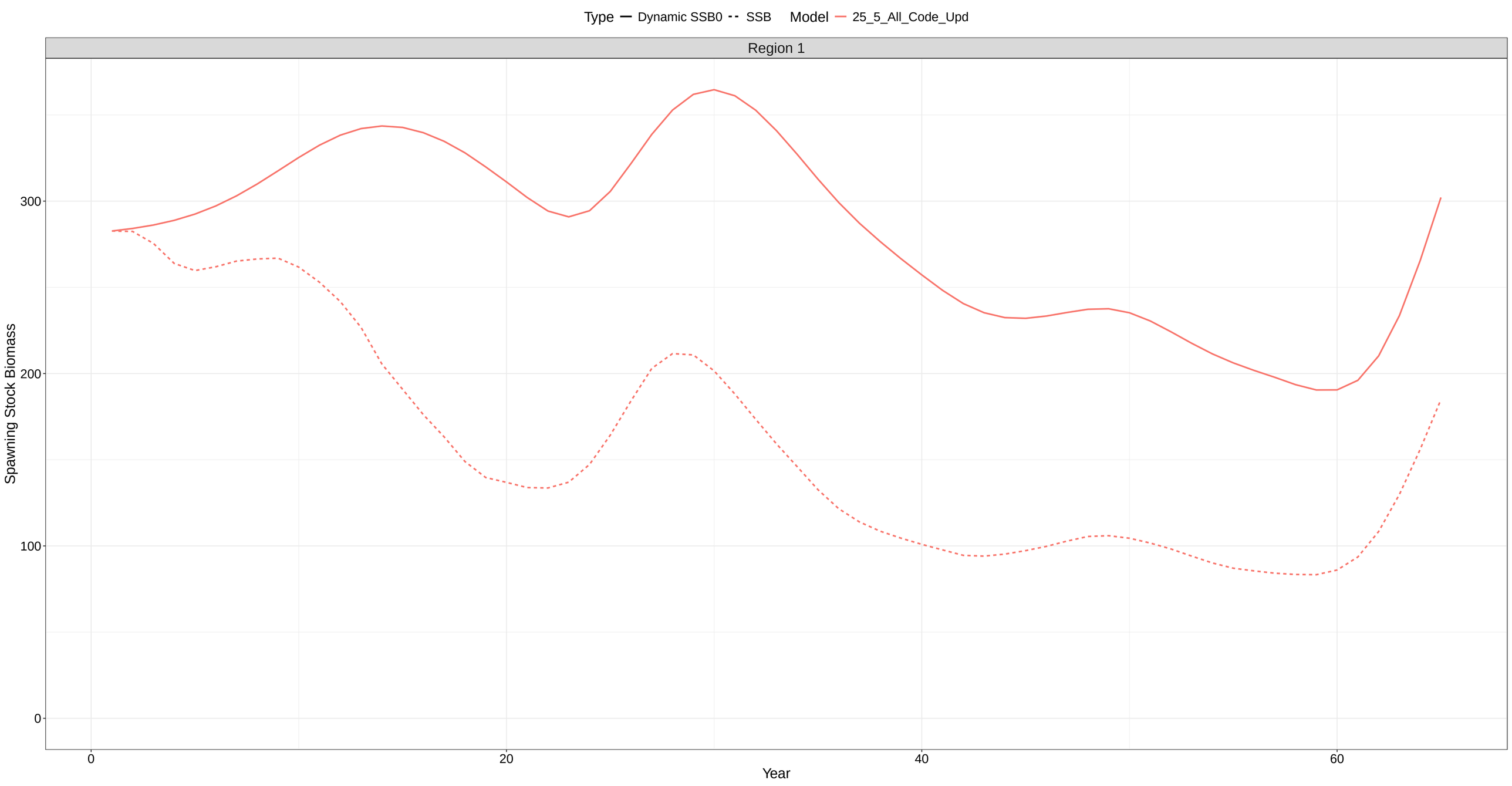

Model
25_5_All_Code_Upd
Region 1
Fleet 1 F
Fleet 2 F
Value
Year
0.100
0.075
0.050
0.025
0.000
0.06
0.04
0.02
0.00
0
20
40
60

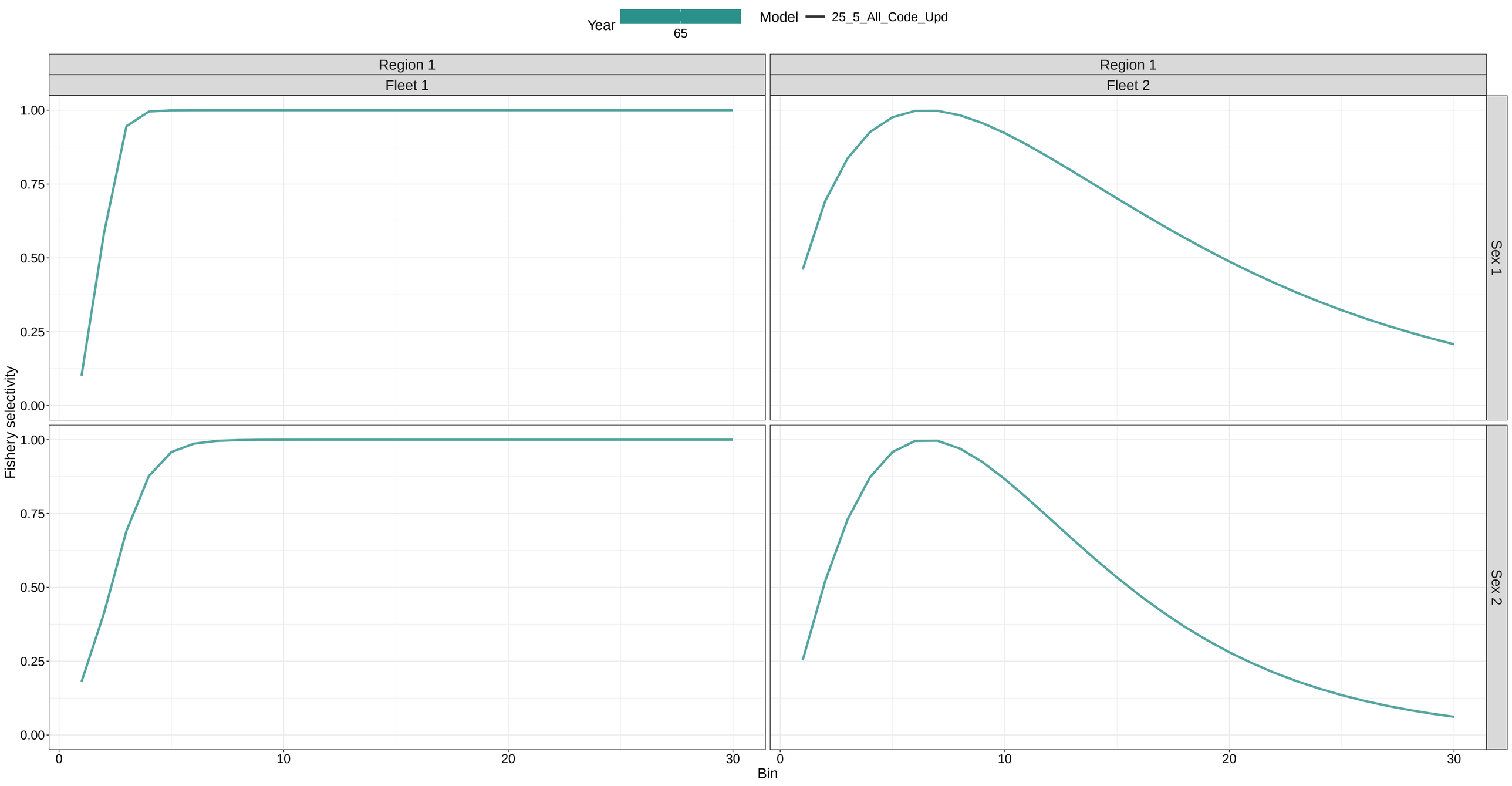

Model
25_5_All_Code_Upd
Region 1
Recruitment
150
100
50
0
0
20
40
60
Year
Recruitment

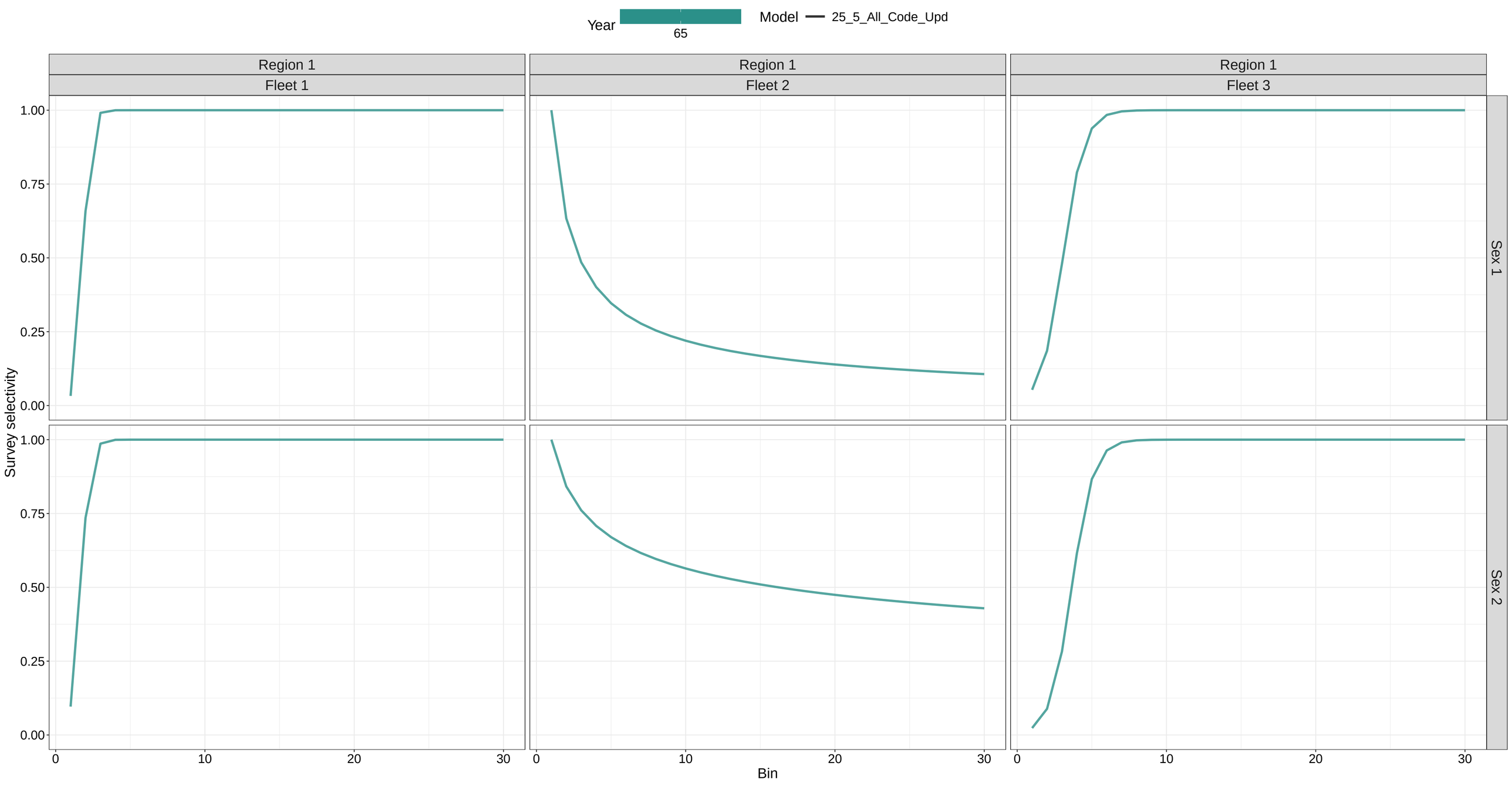

Model
25_5_All_Code_Upd
Region 1
SSB
Spawning Stock Biomass
300
200
100
0
0
20
40
60
Year

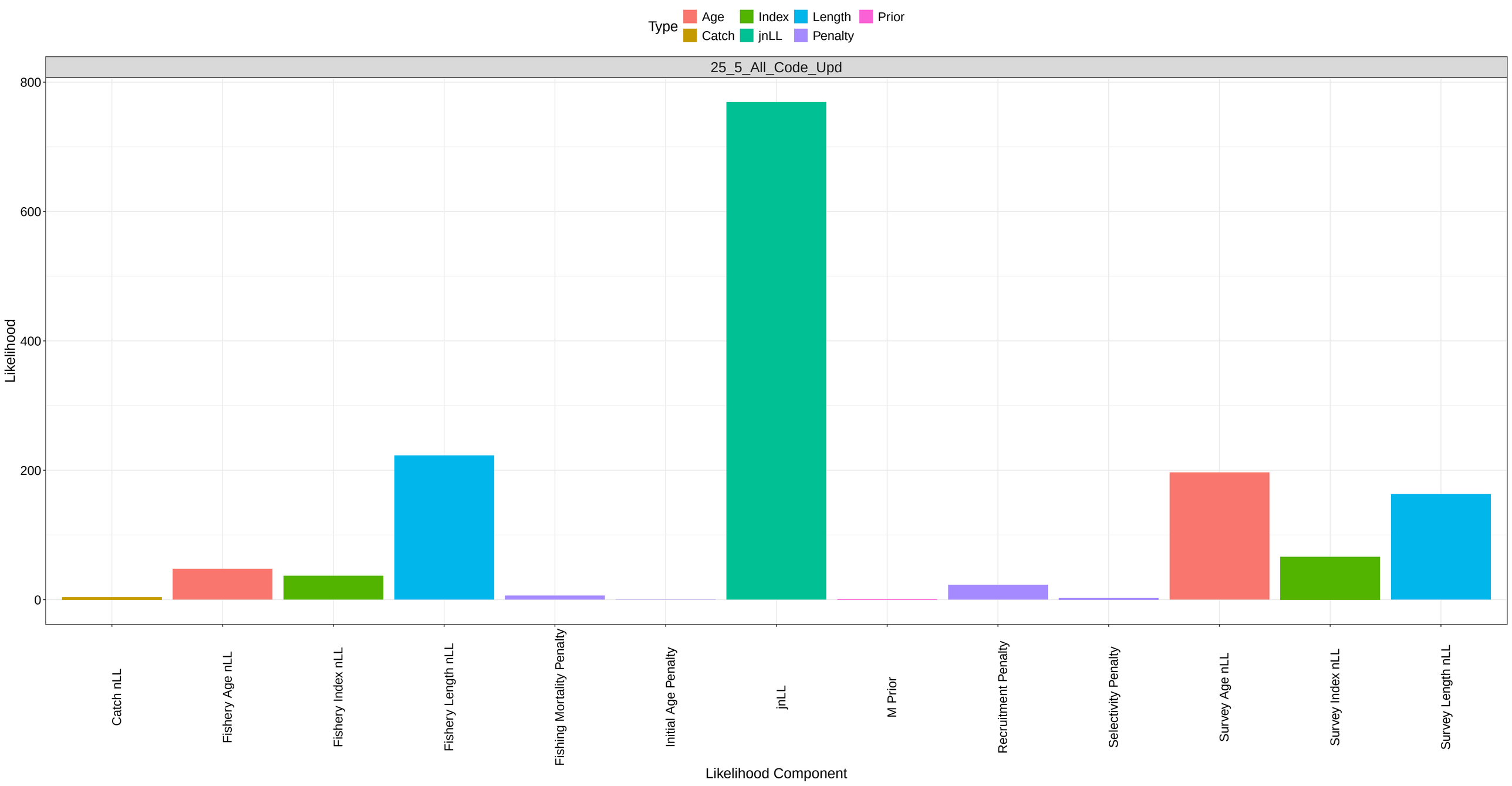

Model
25_5_All_Code_Upd
Region 1
Total Biomass
750
500
250
0
0
20
40
60
Year
Total Biom


Model
25_5_All_Code_Upd
Region 1
Unfished Spawning Stock Biomass
400
300
200
100
0
0
20
40
60
Year
Dynamic SSB0


Type
Dynamic SSB0
SSB
Model
25_5_All_Code_Upd
Region 1
Spawning Stock Biomass
300
200
100
0
0
20
40
60
Year


Year
65
Model
25_5_All_Code_Upd
Region 1
Fleet 1
Region 1
Fleet 2
Sex 1
Sex 2
Fishery selectivity
1.00
0.75
0.50
0.25
0.00
0
10
20
30
Bin


Year
65
Model
25_5_All_Code_Upd
Region 1
Fleet 1
Region 1
Fleet 2
Region 1
Fleet 3
Sex 1
Sex 2
Survey selectivity
1.00
0.75
0.50
0.25
0.00
0
10
20
30
Bin


Type
Age
Index
Length
Prior
Catch
jnLL
Penalty
25_5_All_Code_Upd
Likelihood
800
600
400
200
0
Catch nLL
Fishery Age nLL
Fishery Index nLL
Fishery Length nLL
Fishing Mortality Penalty
Initial Age Penalty
jnLL
M Prior
Recruitment Penalty
Selectivity Penalty
Survey Age nLL
Survey Index nLL
Survey Length nLL
Likelihood Component

	Model	jnLL	M Prior	Recruitment Penalty	Selectivity Penalty	Catch nLL	Fishing Mortality Penalty	Survey Index nLL	Fishery Index nLL	Initial Age Penalty	Survey Age nLL	Fishery Age nLL	Survey Length nLL	Fishery Length nLL
1	25_5_All_Code_Upd	768.9416	0.5279751	22.84171	2.476966	3.908407	6.136092	66.35713	36.67317	0.2109372	196.4084	47.58893	162.996	222.8158