

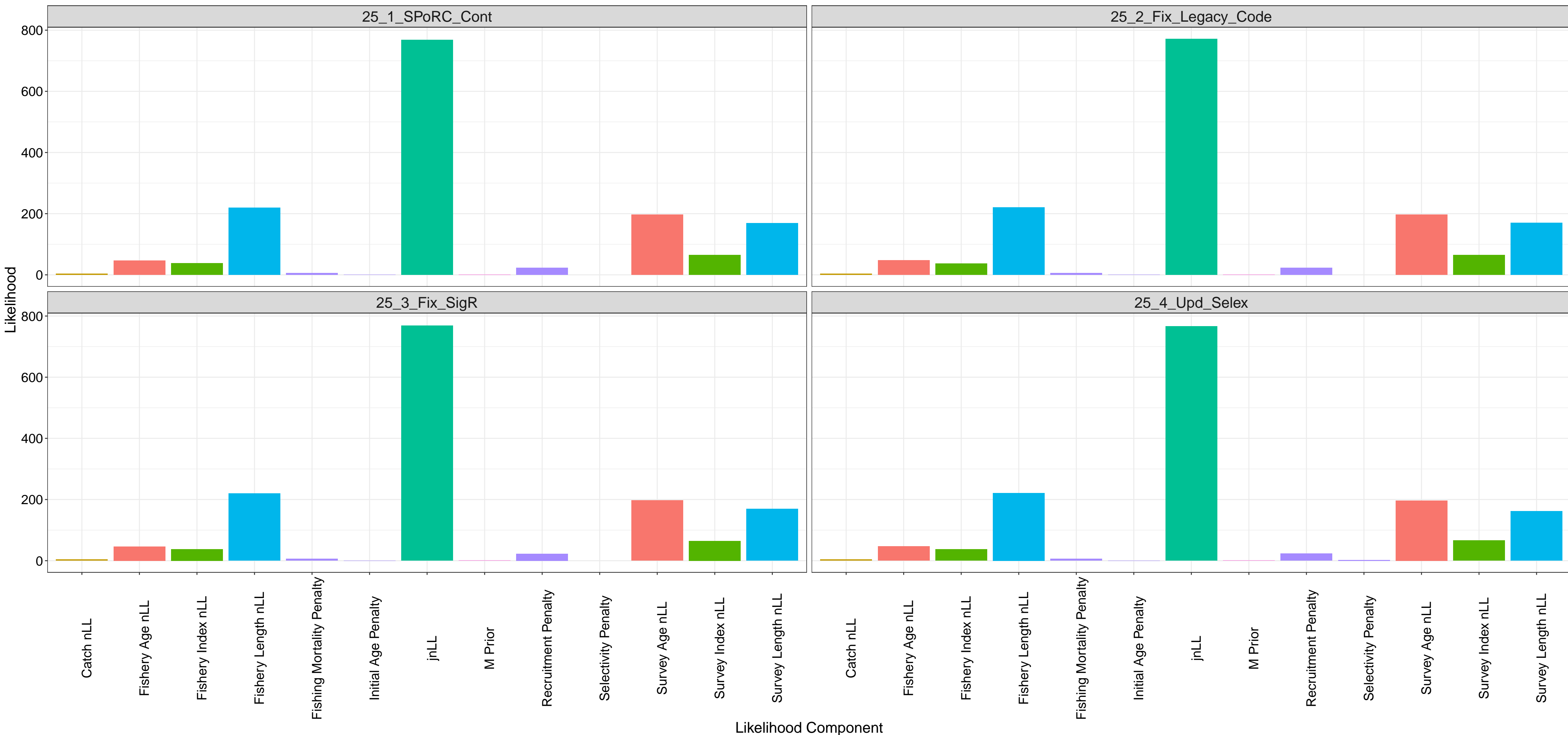
	Model	Region	Terminal_SSB	Terminal_F	Catch_Advice	B_Ref_Pt	F_Ref_Pt	B_over_B_Ref	F_over_F_Ref
1	25_1_SPoRC_Cont	1	189.0804	0.04037044	49.68588	121.0229	0.08593	1.56235	0.46979
2	25_2_Fix_Legacy_Code	1	203.2045	0.03882372	51.65097	128.6548	0.08583	1.57945	0.45235
3	25_3_Fix_SigR	1	188.3272	0.04053991	49.38646	120.9461	0.08577	1.55712	0.47264
4	25_4_Upd_Selex	1	173.3655	0.04385504	45.00124	118.3230	0.08437	1.46519	0.51982

	Model	jnLL	M Prior	Recruitment 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	Selectivity Penalty
1	25_1_SPoRC_Cont	768.8210	0.7838709	23.11463	3.688151	6.088752	64.49362	37.72432	0.1631310	197.0703	46.62799	169.0396	220.0267	NA
2	25_2_Fix_Legacy_Code	771.1194	0.7662659	22.94943	3.384739	6.091542	64.77658	37.44798	0.1714670	196.7168	47.31267	170.3107	221.1912	NA
3	25_3_Fix_SigR	768.8556	0.7502505	22.94854	3.718270	6.090218	64.50946	37.74435	0.1572363	197.0988	46.62127	169.1287	220.0885	NA
4	25_4_Upd_Selex	766.4771	0.5465163	23.13318	4.193411	6.134515	66.13810	36.99018	0.2104431	196.8007	46.87685	161.7206	221.2670	2.465497

Negative Log-Likelihood

Type

Age	Index	Length	Prior
Catch	jnLL	Penalty	

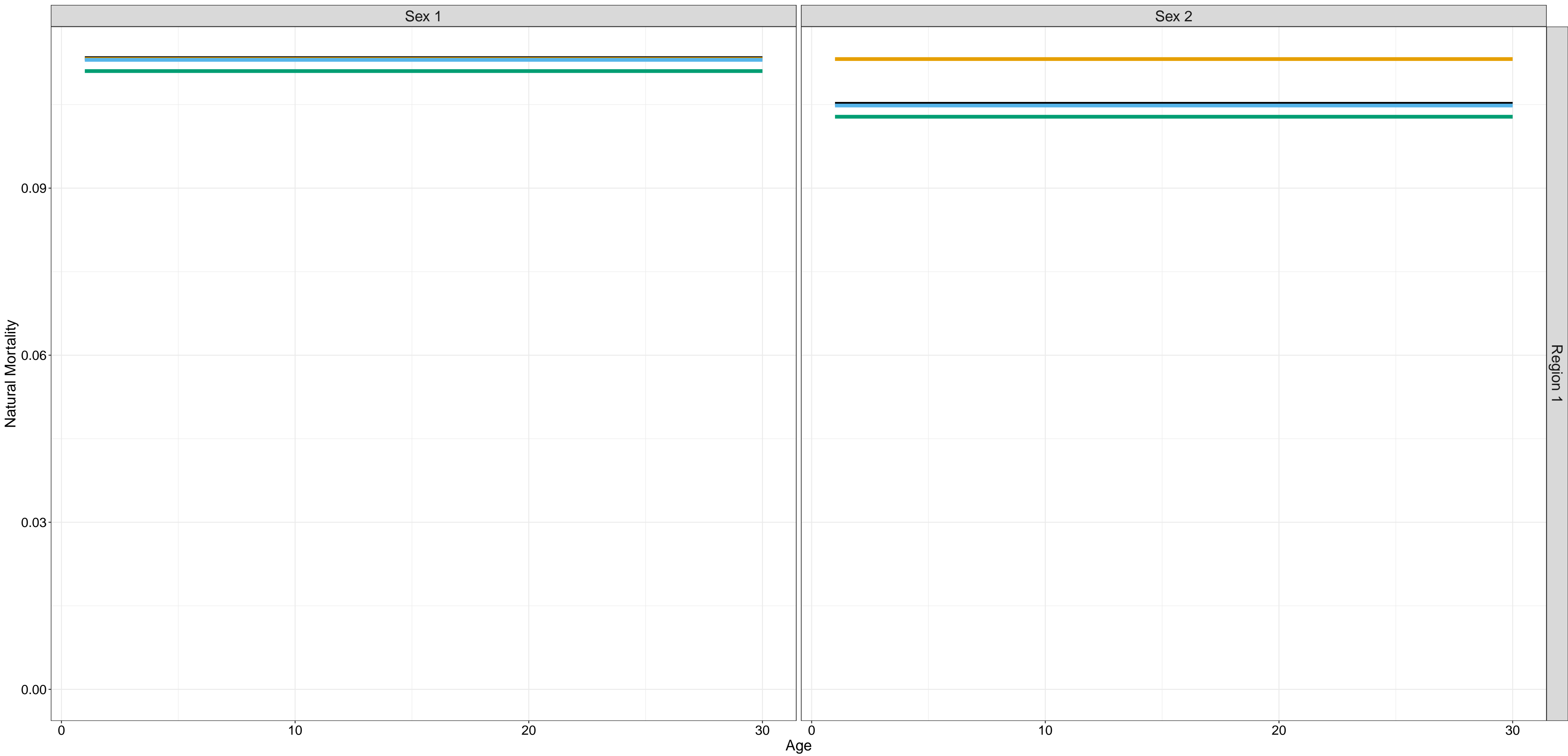


Data



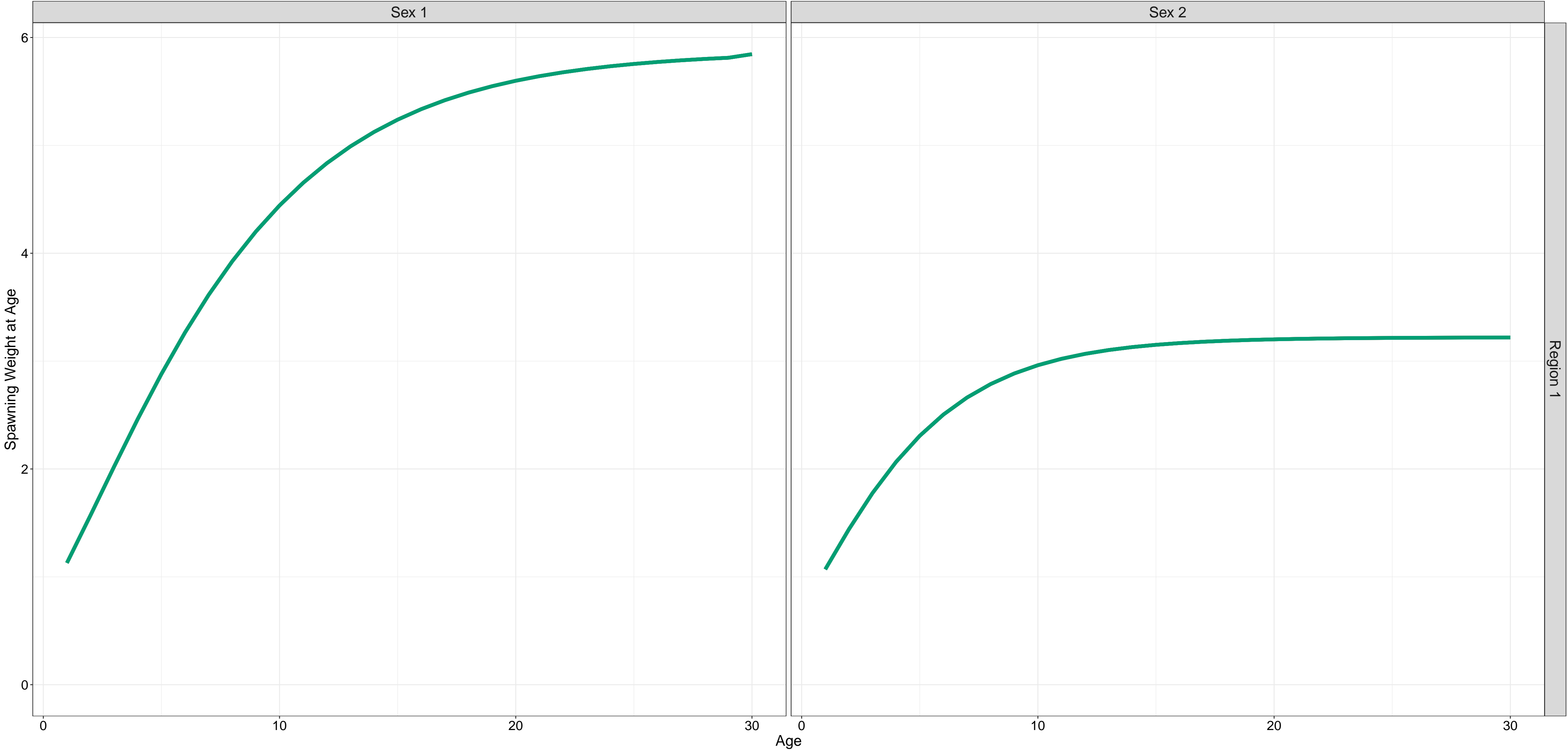
Natural Mortality

Model 25_1_SPoRC_Cont 25_2_Fix_Legacy_Code 25_3_Fix_SigR 25_4_Upd_Selex



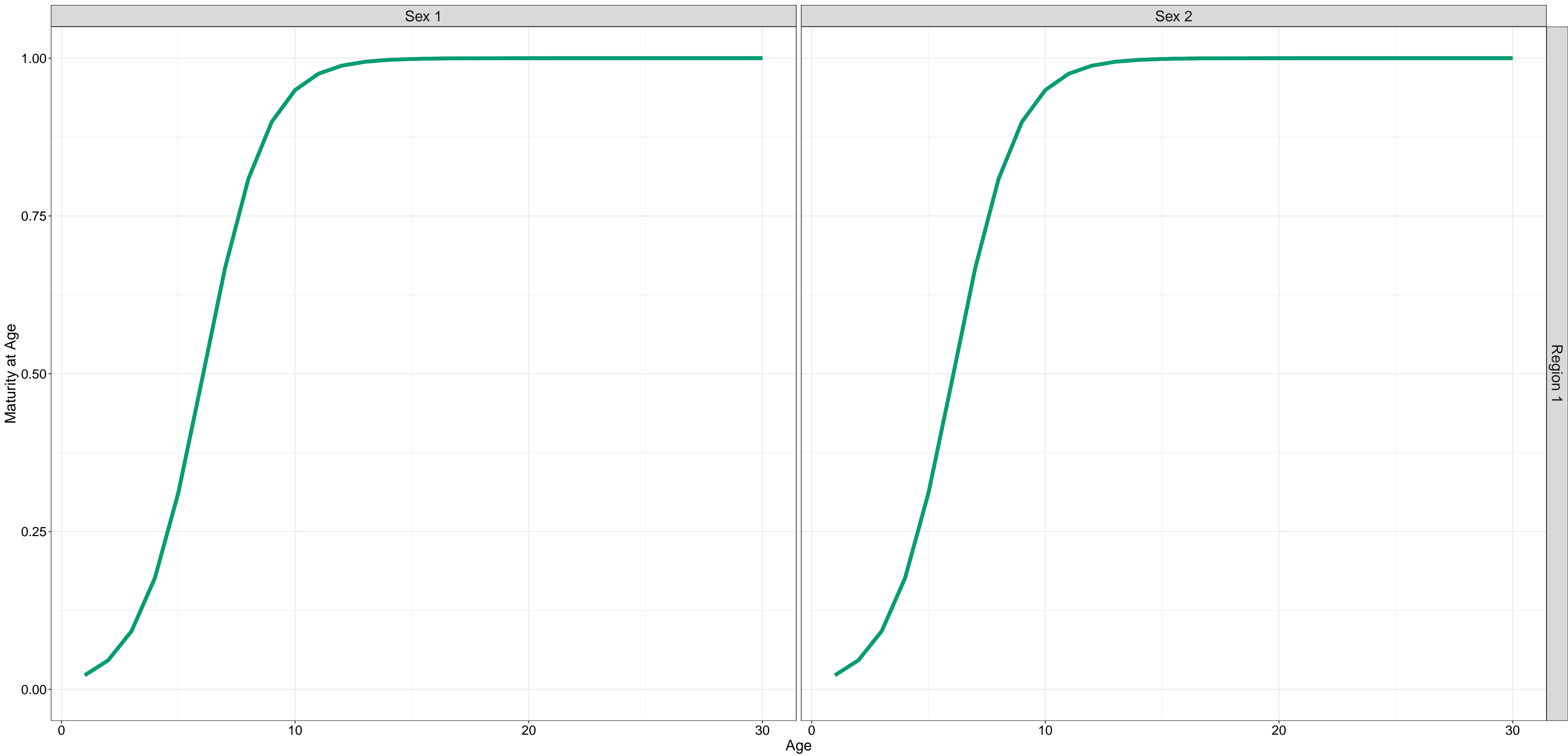
Weight-at-Age

Model 25_1_SPoRC_Cont 25_2_Fix_Legacy_Code 25_3_Fix_SigR 25_4_Upd_Selex



Maturity

Model 25_1_SPoRC_Cont 25_2_Fix_Legacy_Code 25_3_Fix_SigR 25_4_Upd_Selex

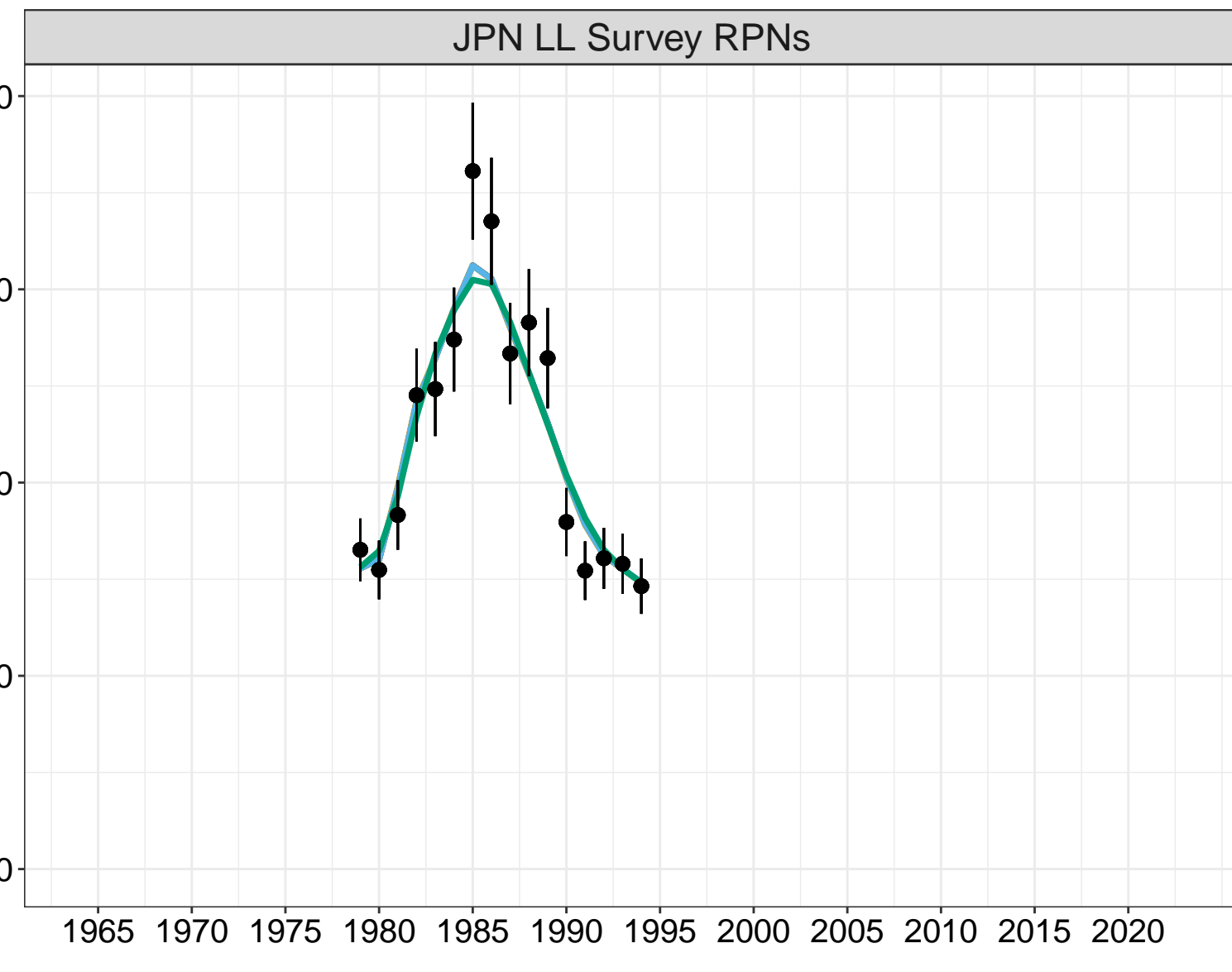
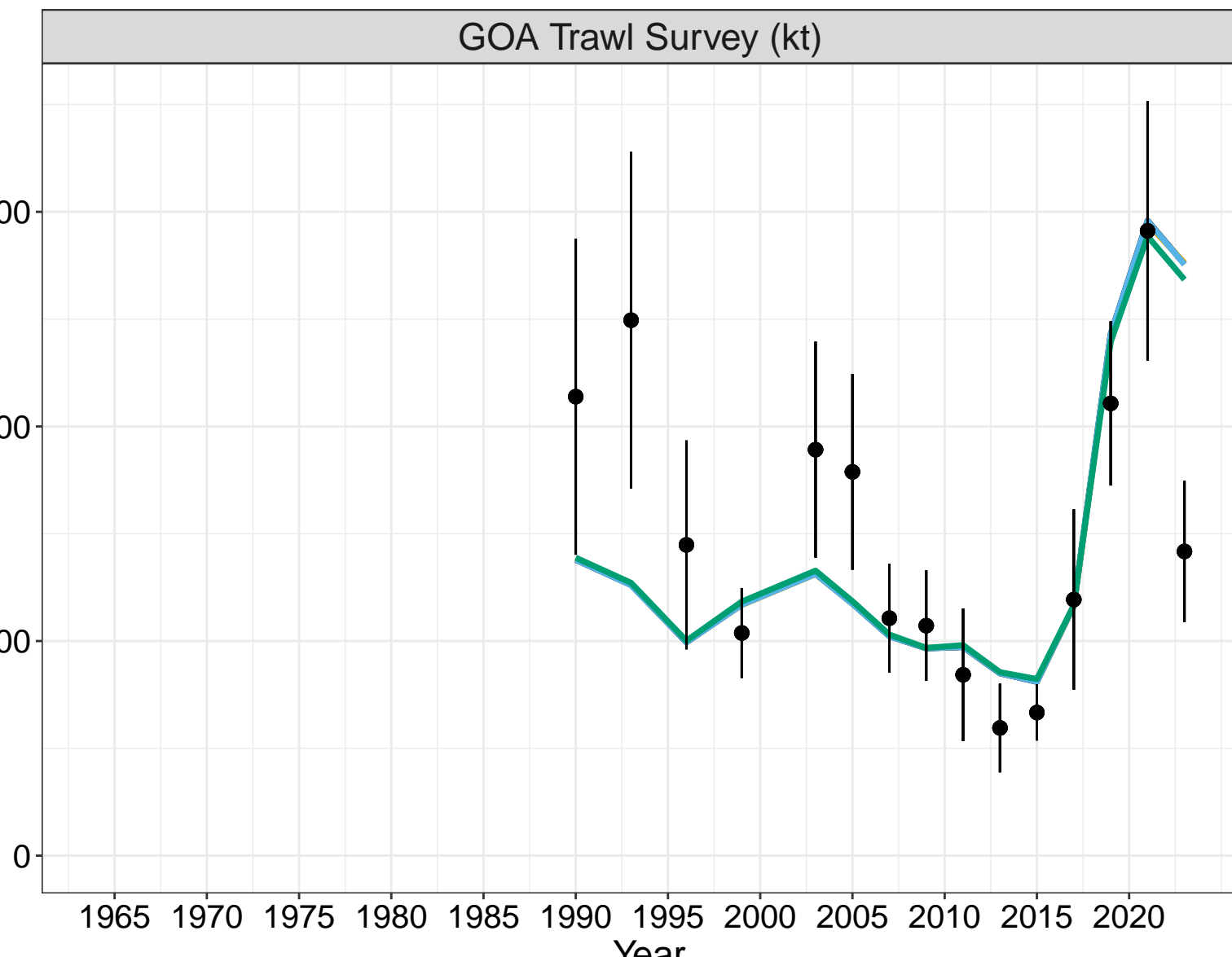
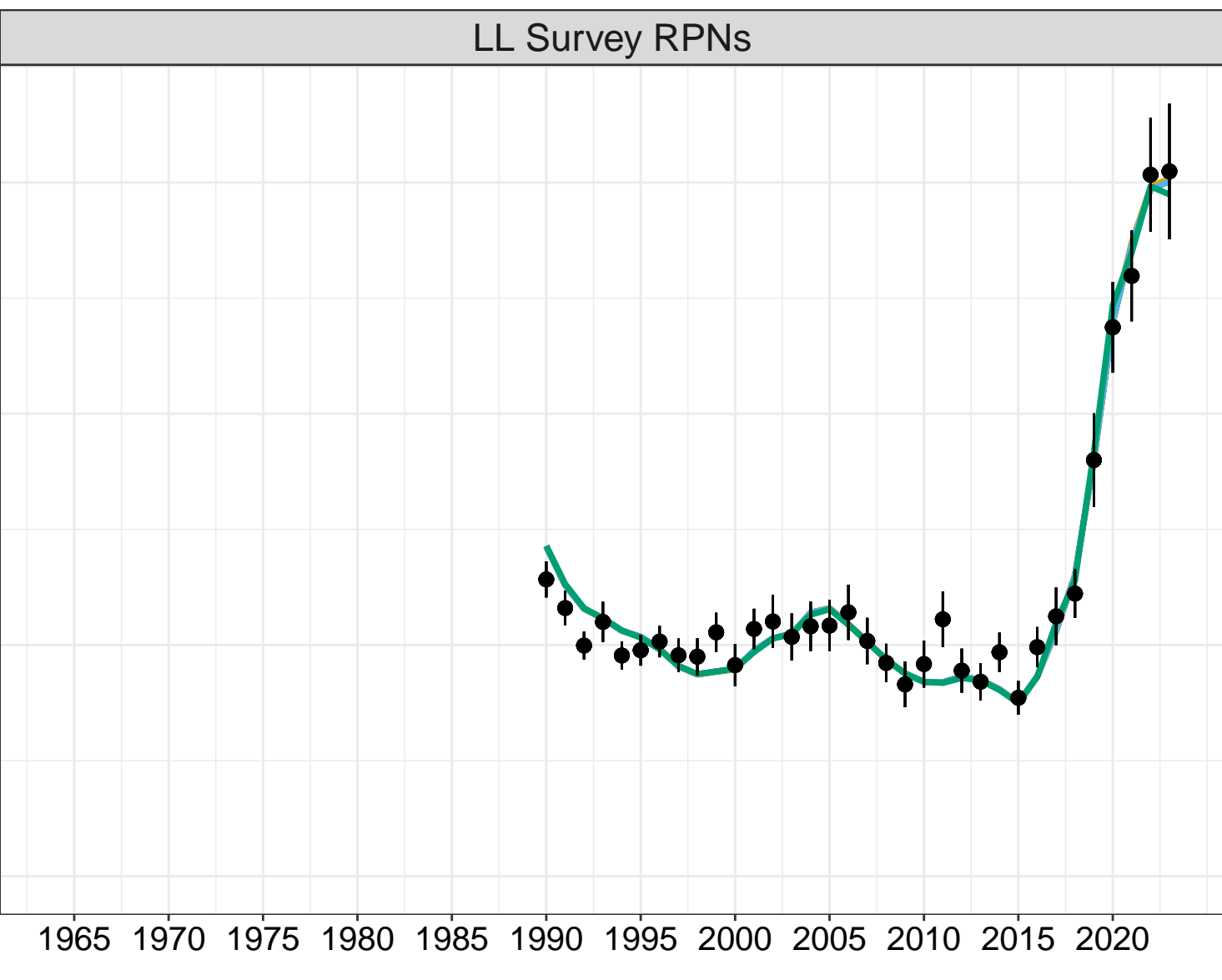
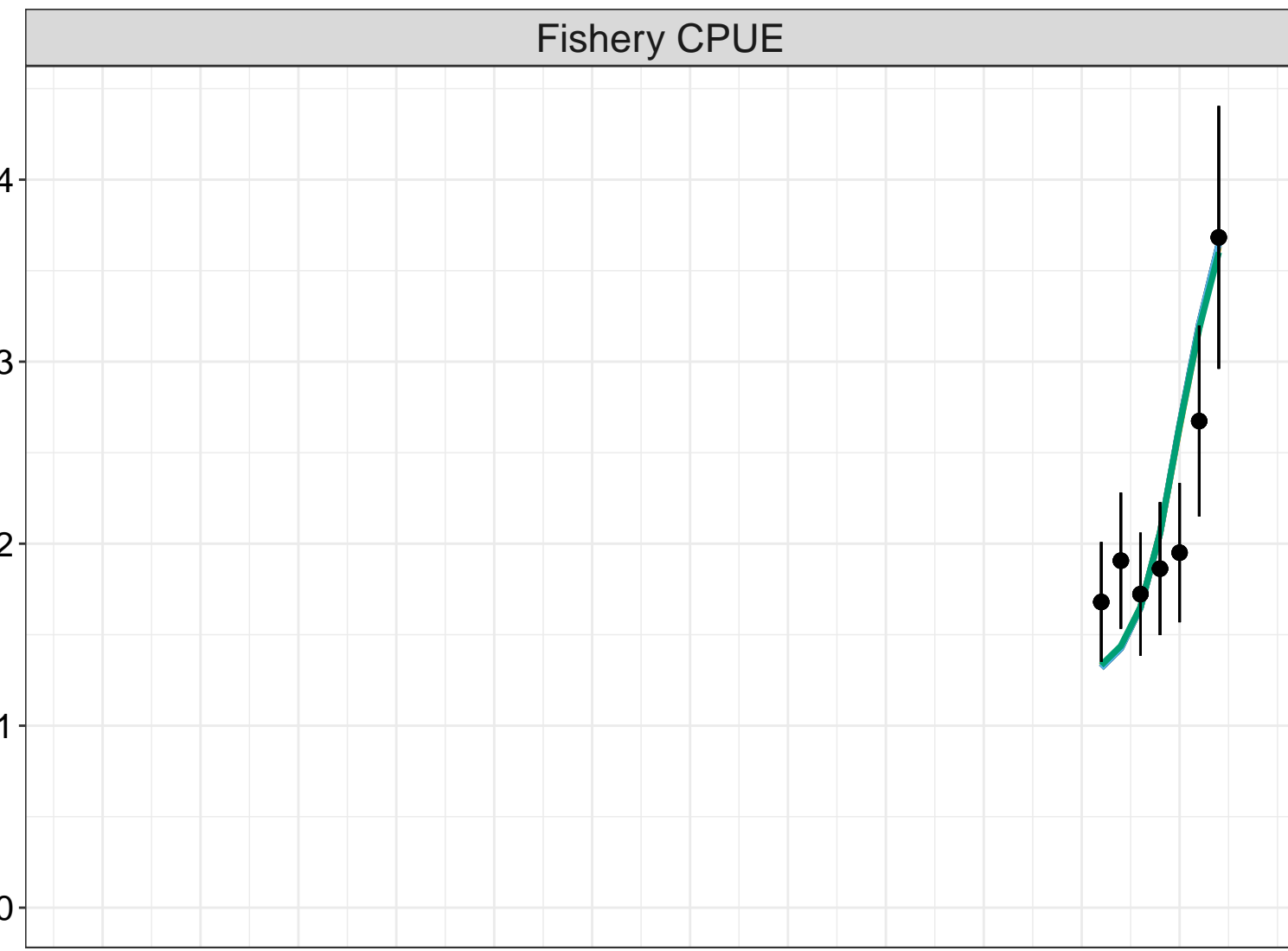
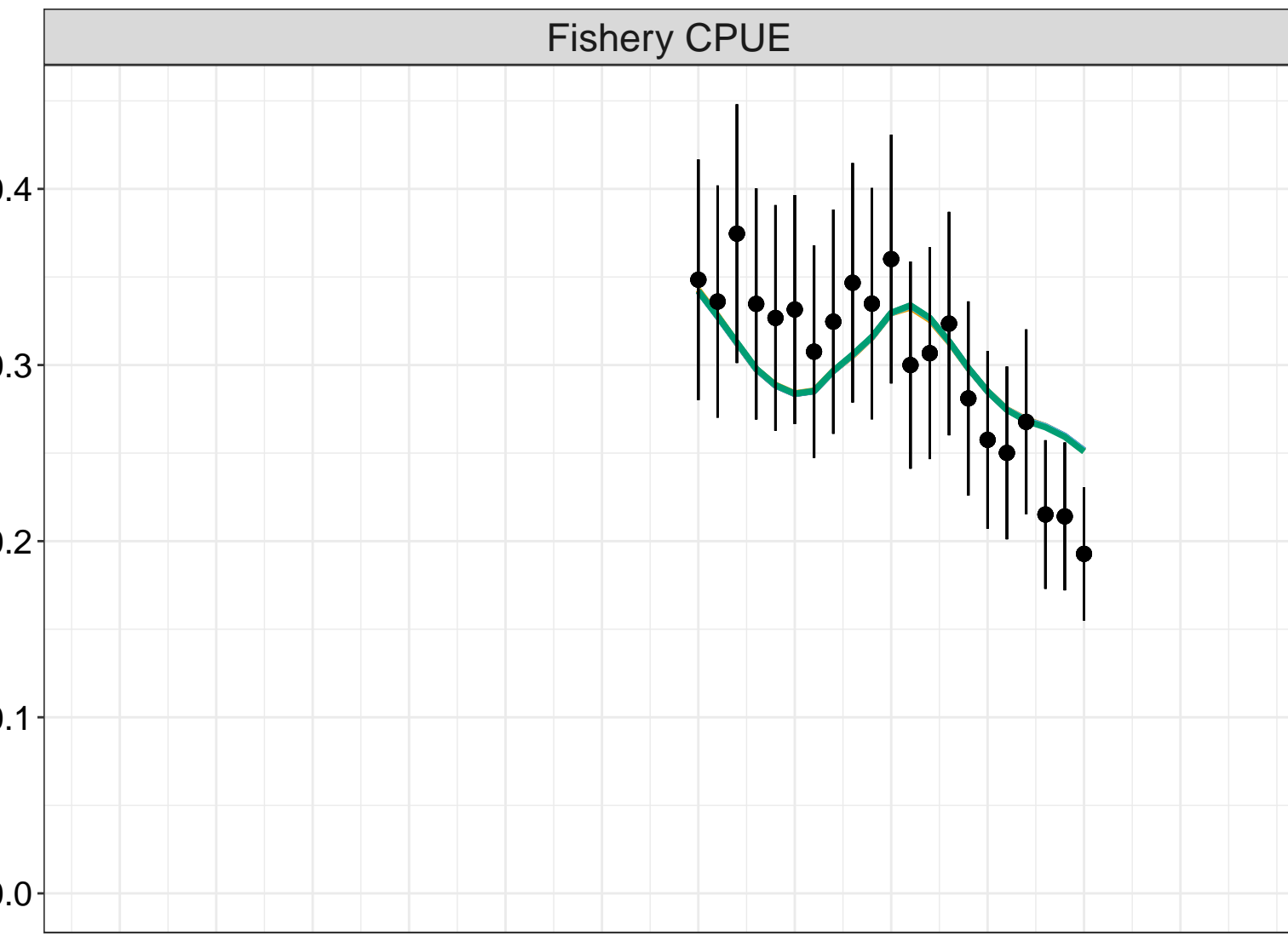
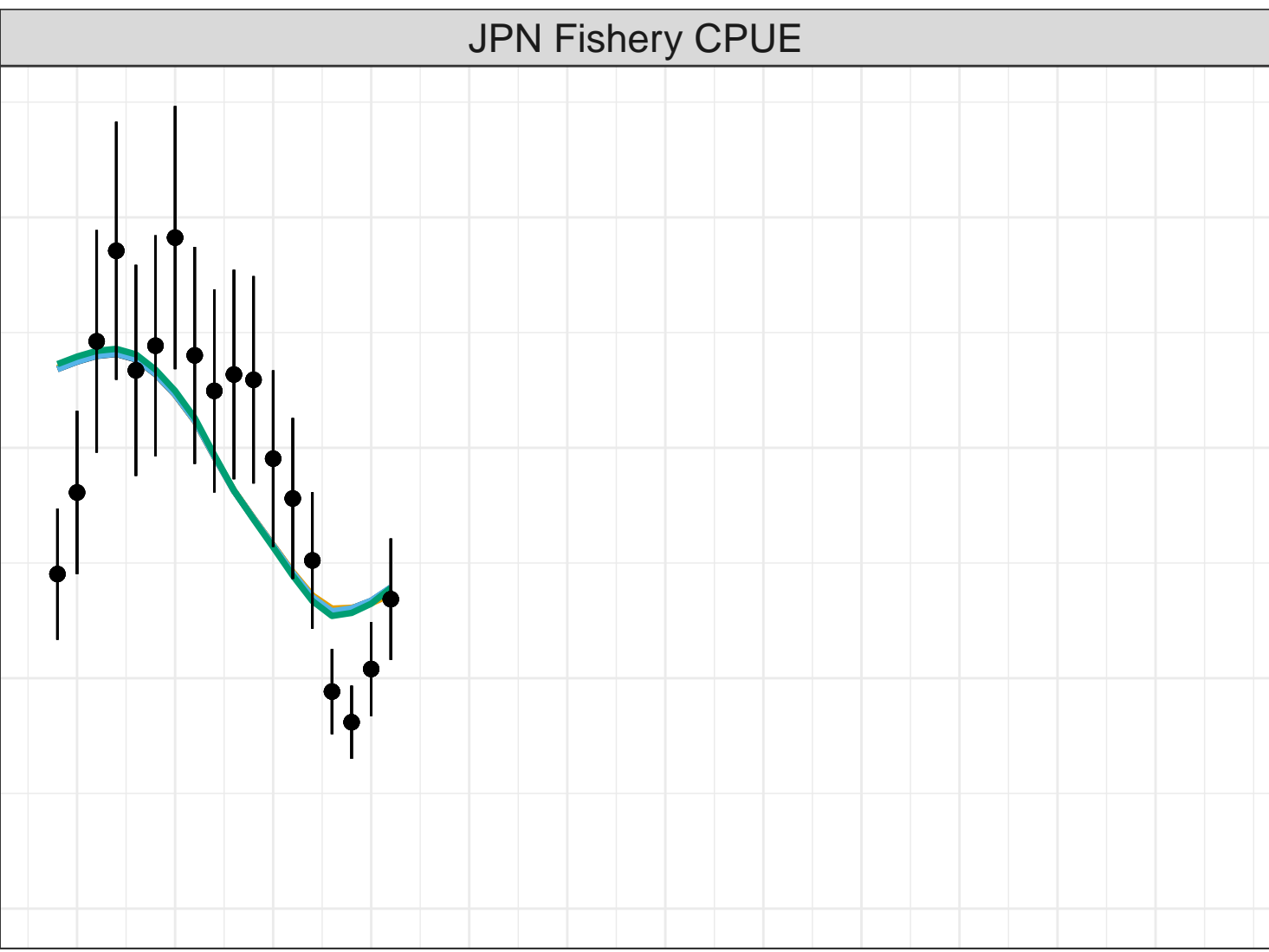


Region 1

Index Fits

Model — 25_1_SPoRC_Cont — 25_2_Fix_Legacy_Code — 25_3_Fix_SigR — 25_4_Upd_Select

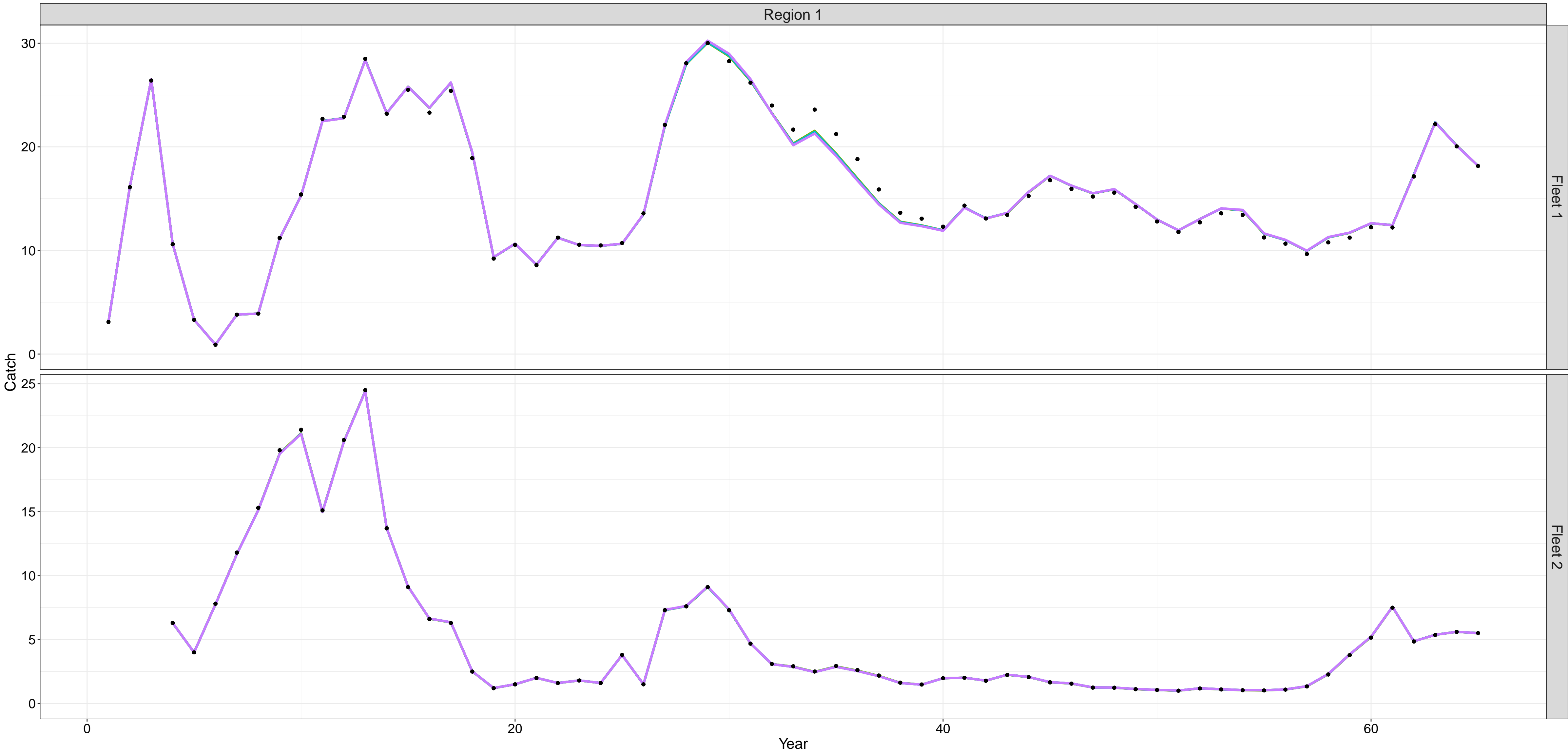
Index



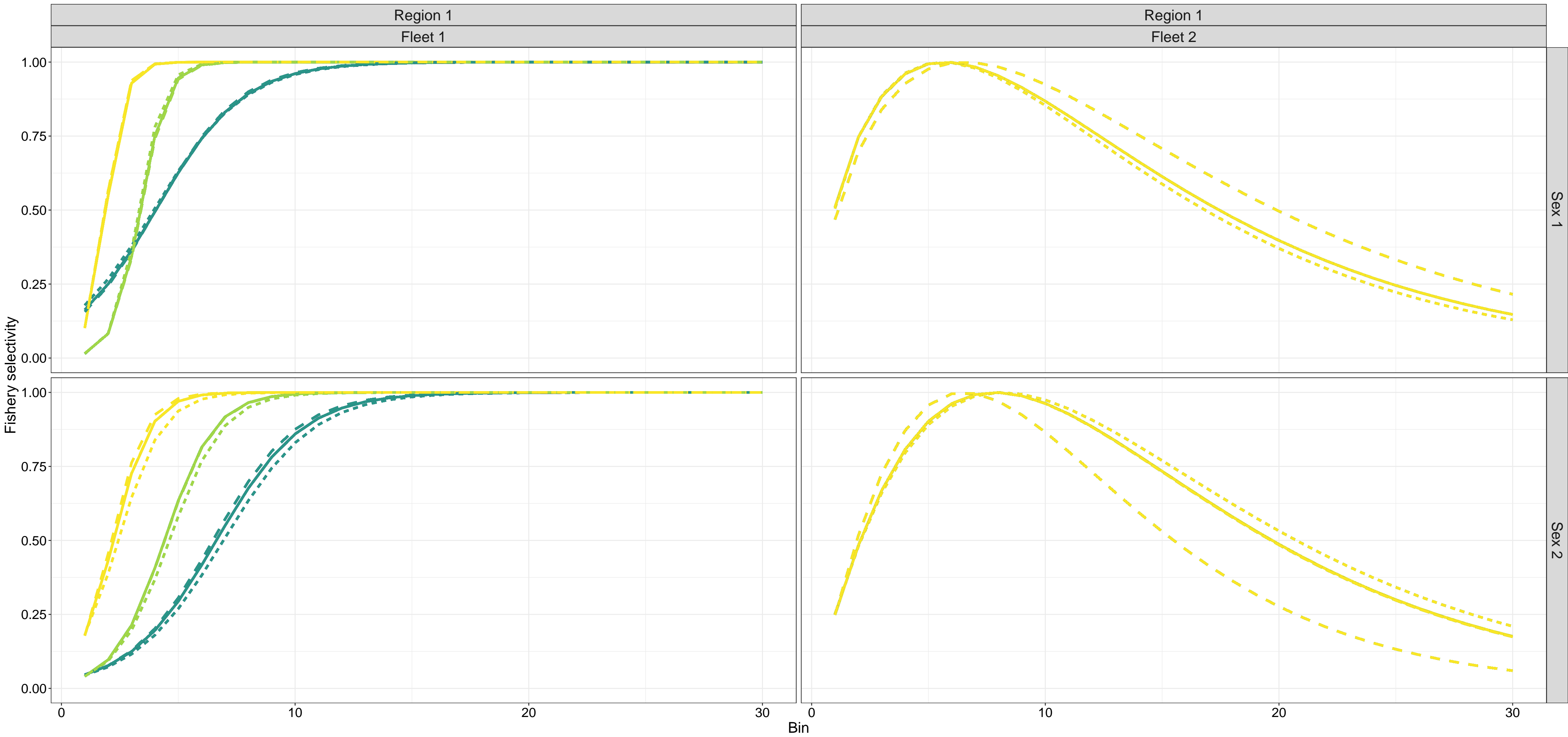
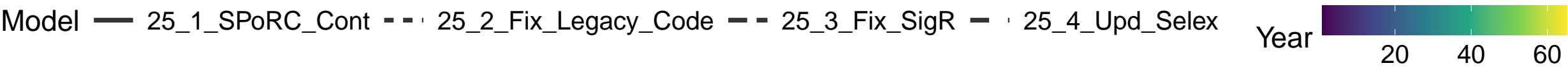
Year

Catch

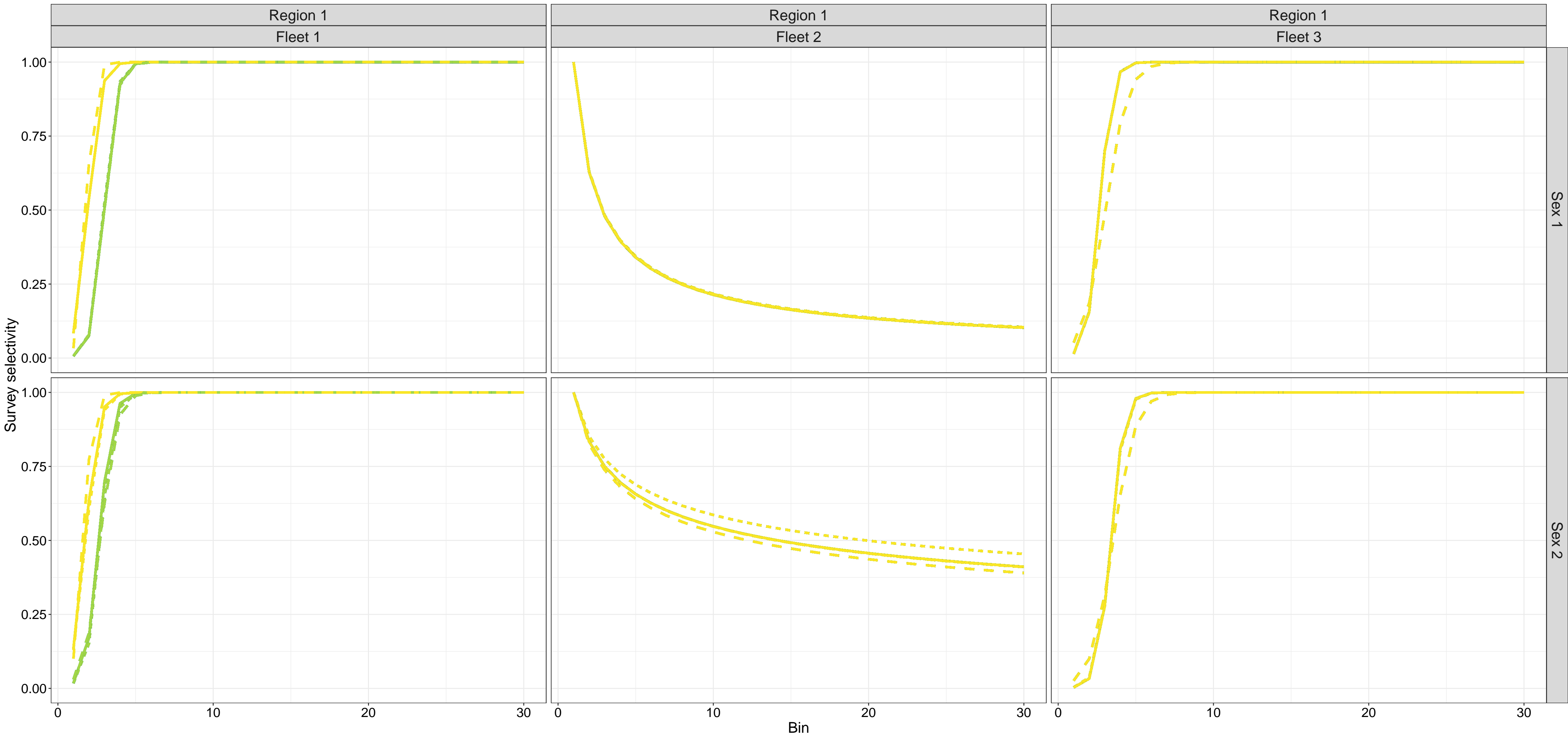
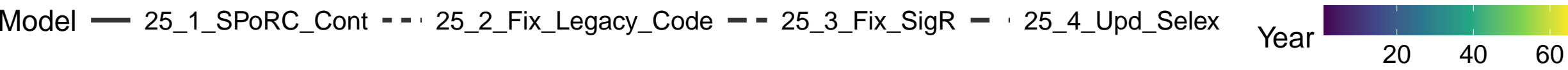
Model 25_1_SPoRC_Cont 25_2_Fix_Legacy_Code 25_3_Fix_SigR 25_4_Upd_Select



Fishery Selectivity

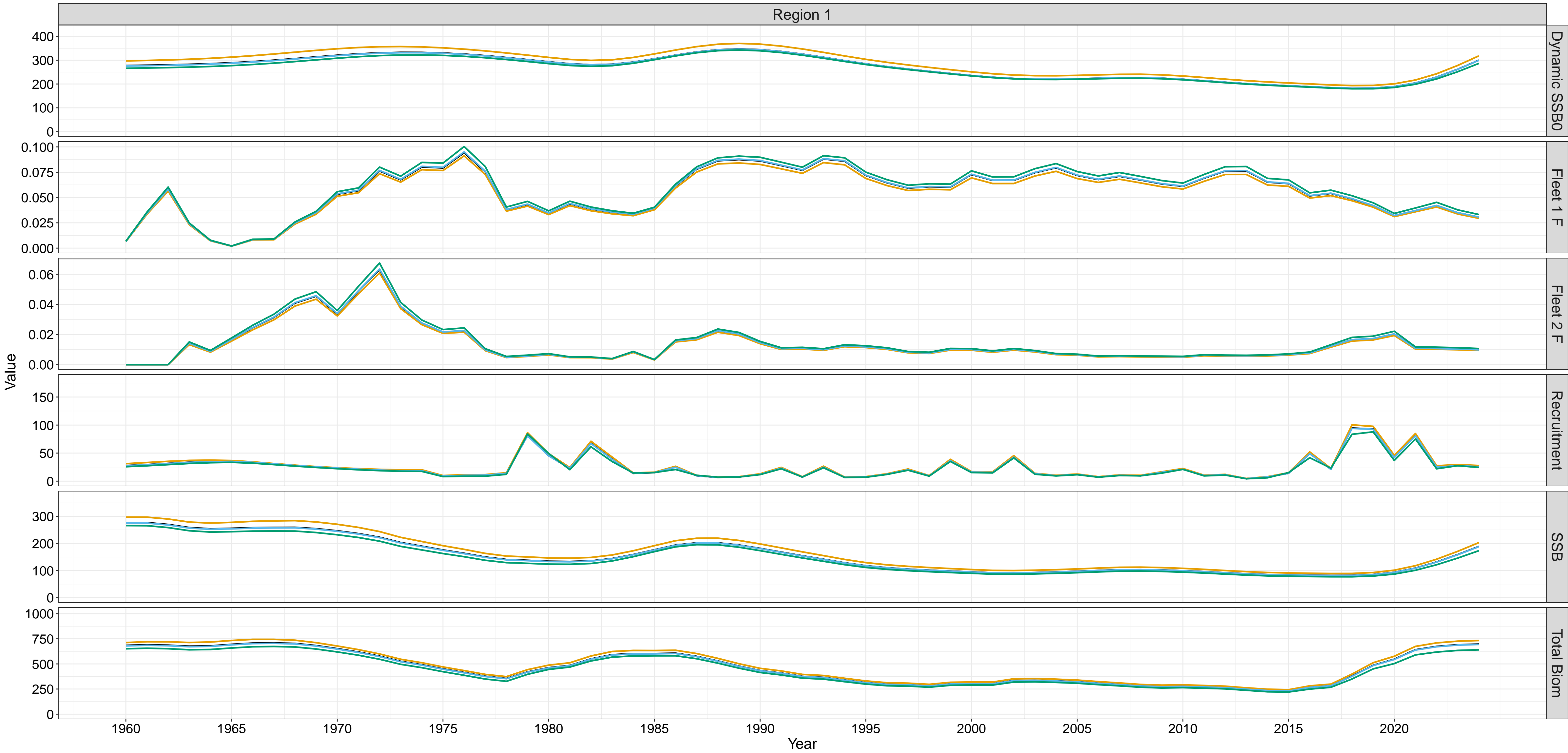


Survey Selectivity



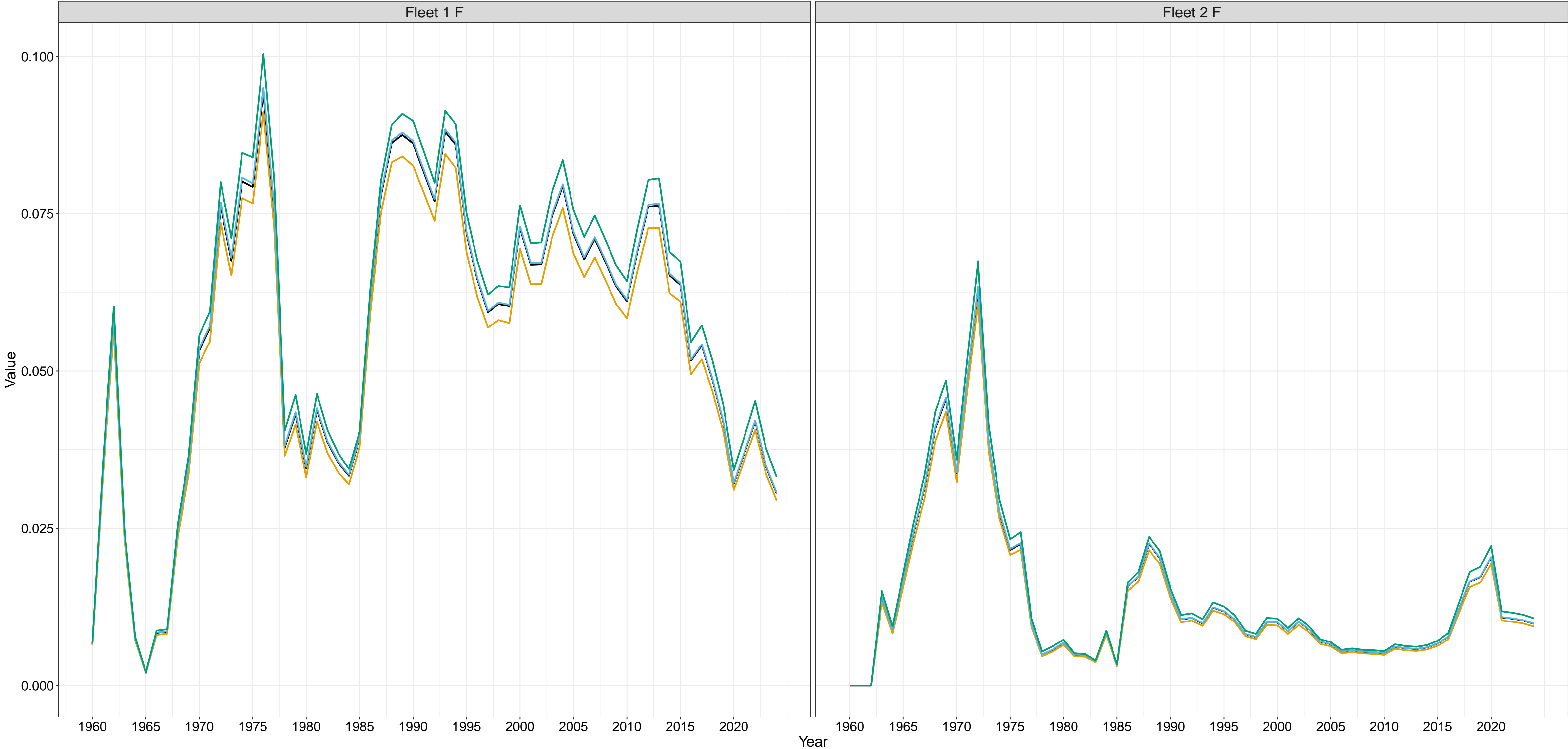
Time Series Plots

Model — 25_1_SPoRC_Cont — 25_2_Fix_Legacy_Code — 25_3_Fix_SigR — 25_4_Upd_Selex



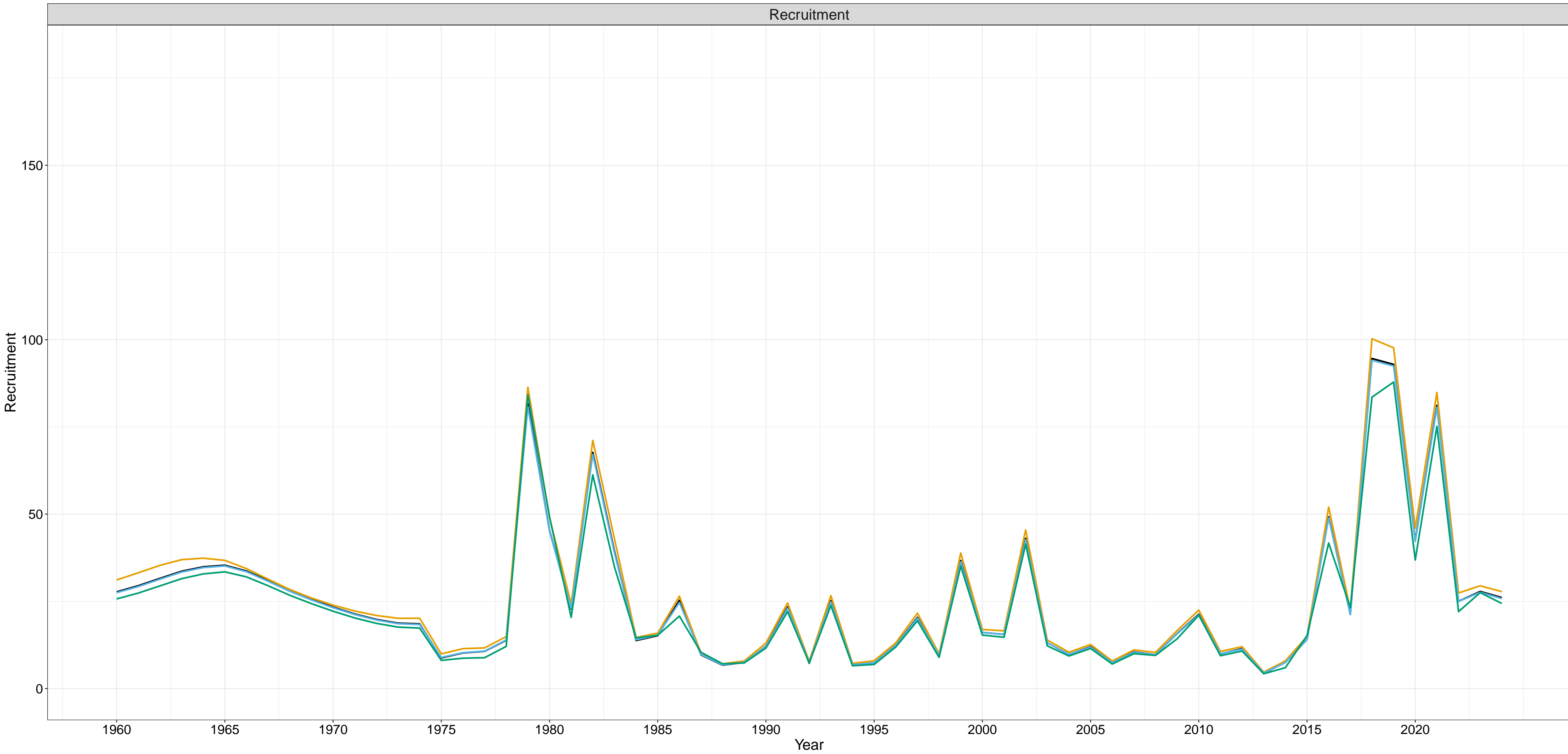
Fishing Mortality

Model — 25_1_SPoRC_Cont — 25_2_Fix_Legacy_Code — 25_3_Fix_SigR — 25_4_Upd_Select



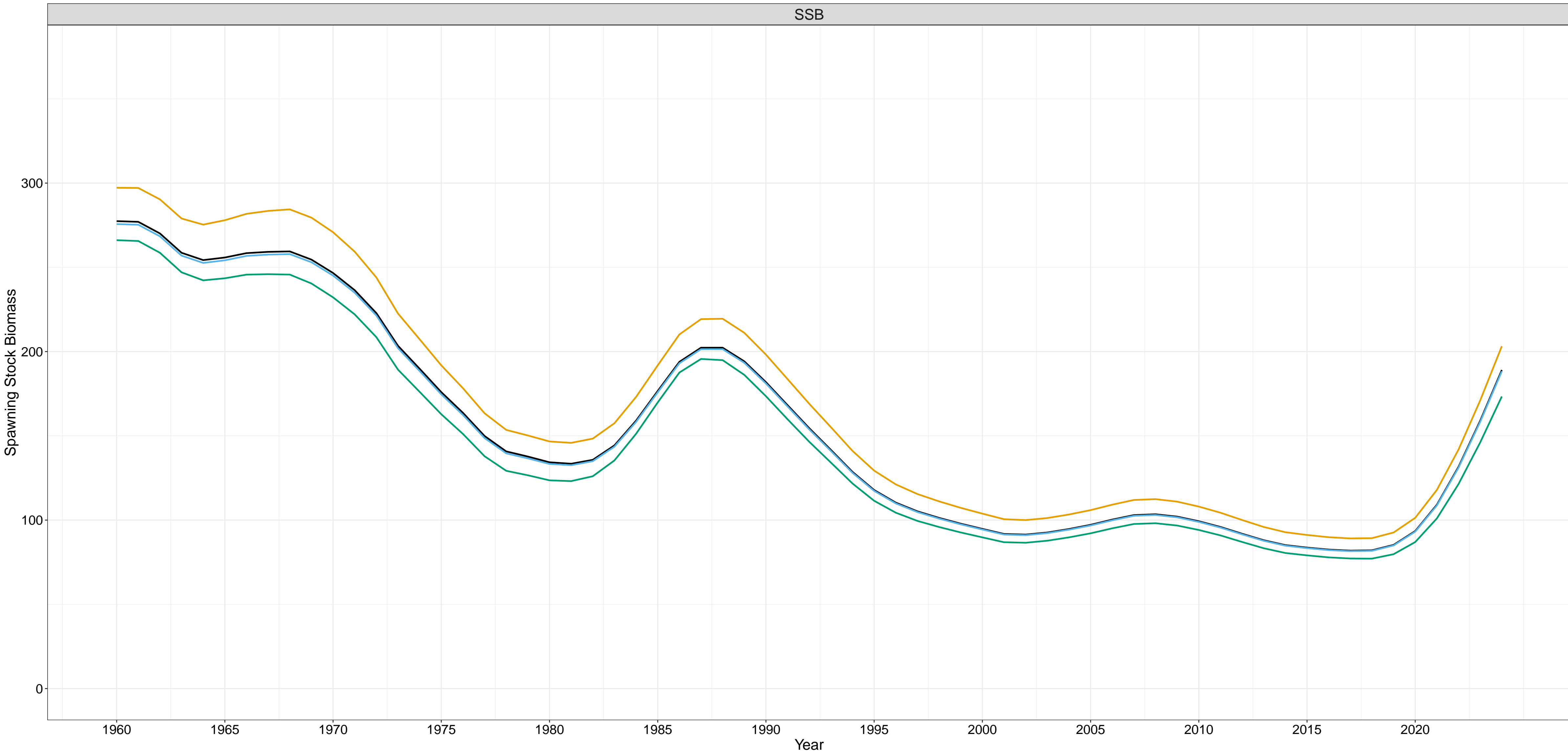
Recruitment

Model — 25_1_SPoRC_Cont — 25_2_Fix_Legacy_Code — 25_3_Fix_SigR — 25_4_Upd_Select



SSB

Model — 25_1_SPoRC_Cont — 25_2_Fix_Legacy_Code — 25_3_Fix_SigR — 25_4_Upd_Selex



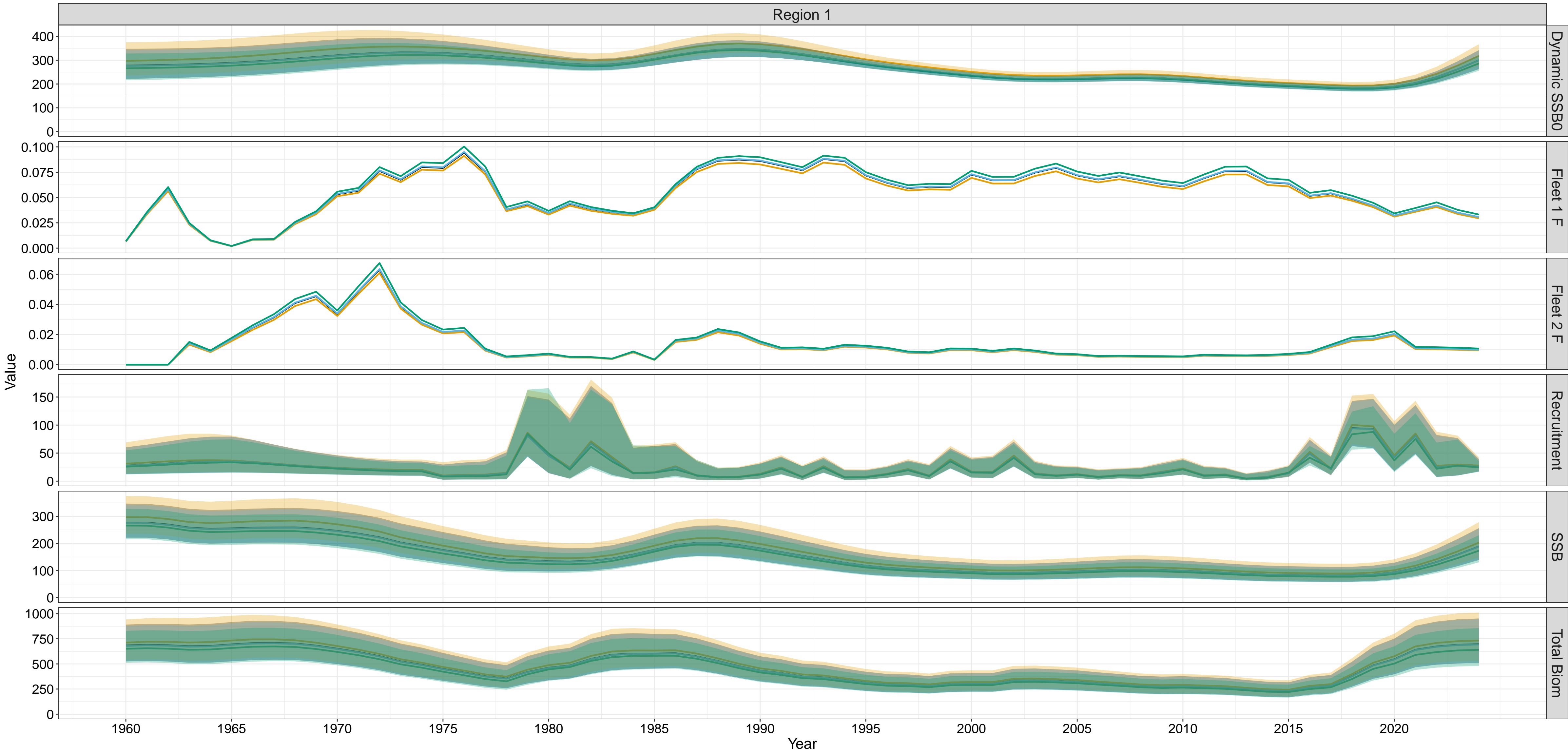
Biomass

Model — 25_1_SPoRC_Cont — 25_2_Fix_Legacy_Code — 25_3_Fix_SigR — 25_4_Upd_Selex



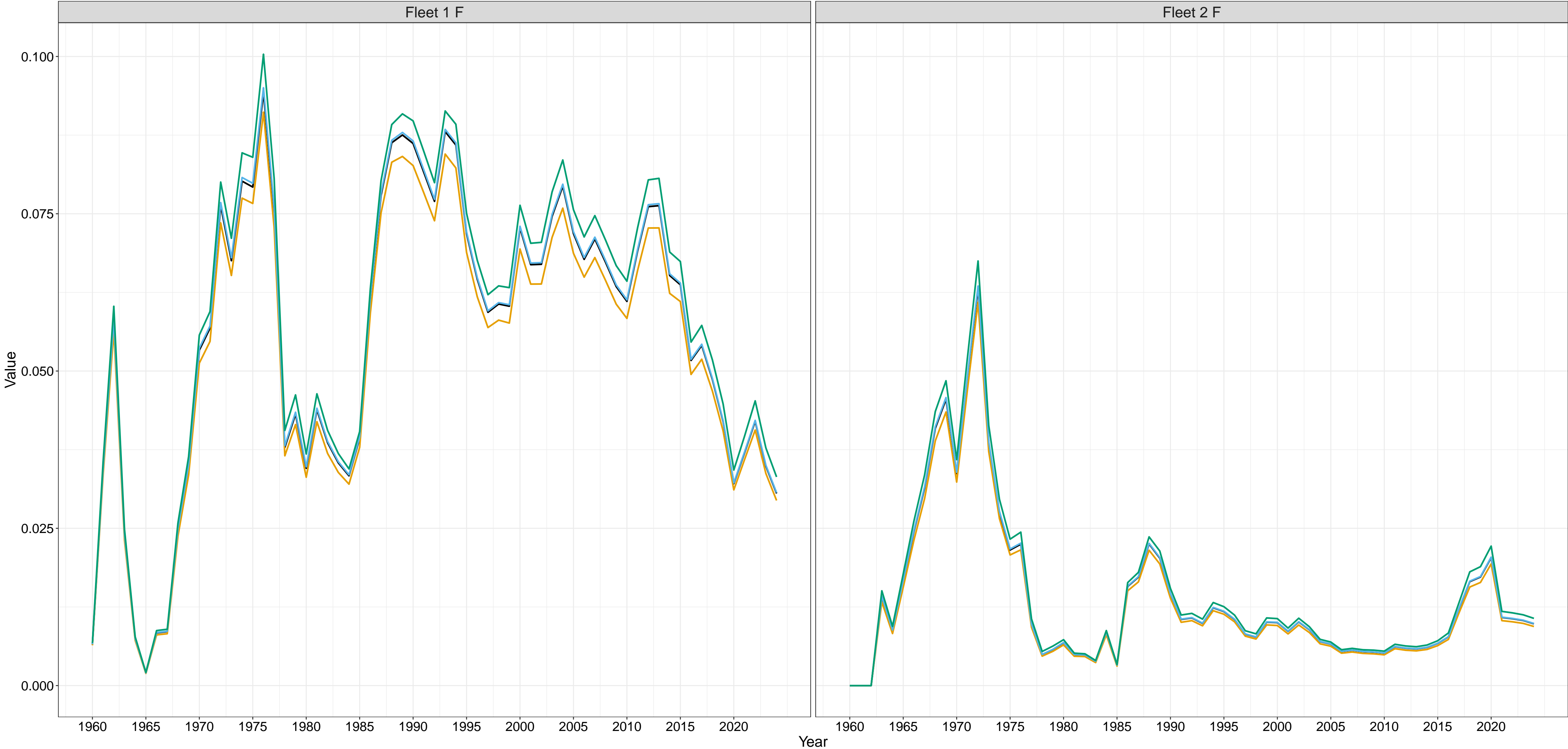
Time Series Plots

Model 25_1_SPoRC_Cont 25_2_Fix_Legacy_Code 25_3_Fix_SigR 25_4_Upd_Selex



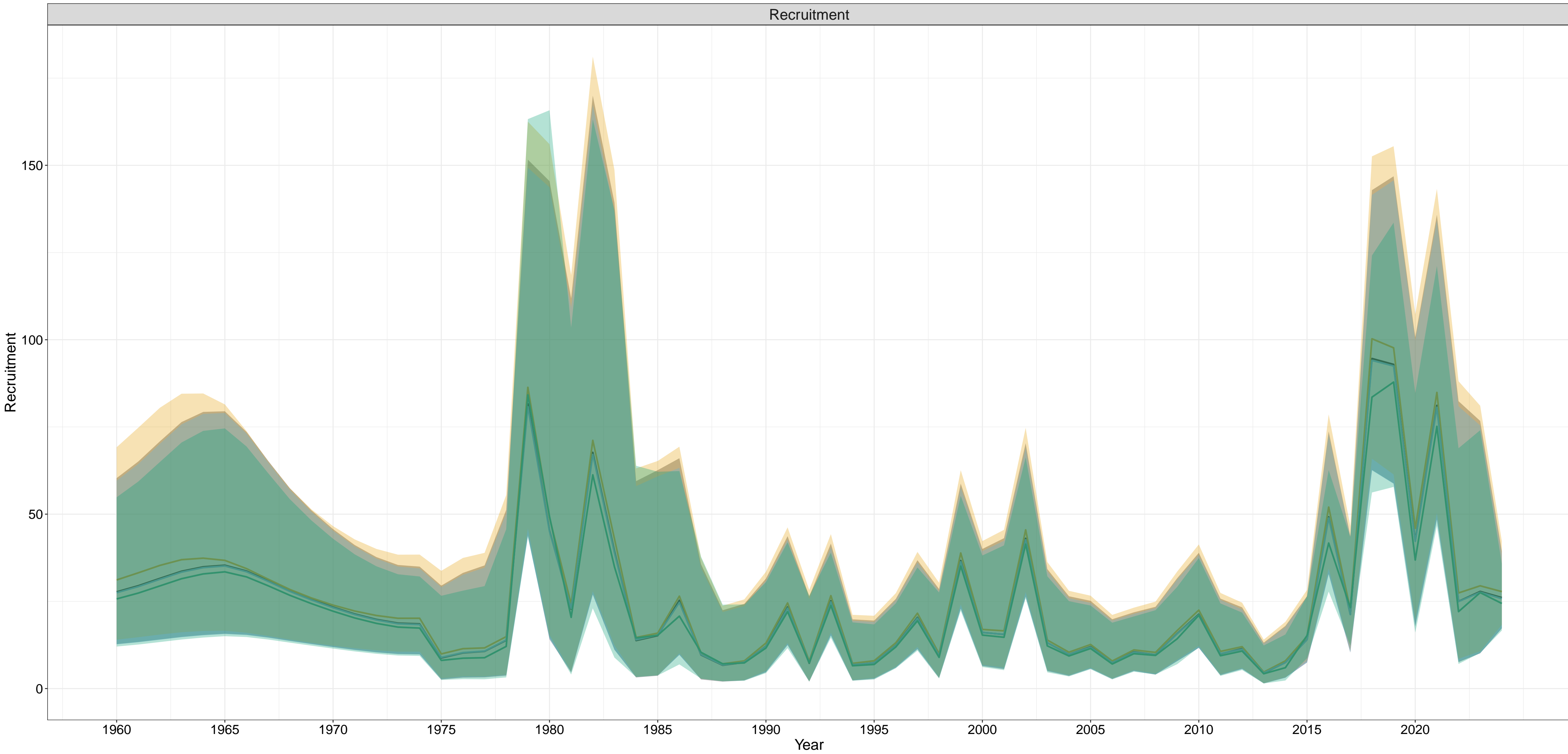
Fishing Mortality

Model — 25_1_SPoRC_Cont — 25_2_Fix_Legacy_Code — 25_3_Fix_SigR — 25_4_Upd_Select



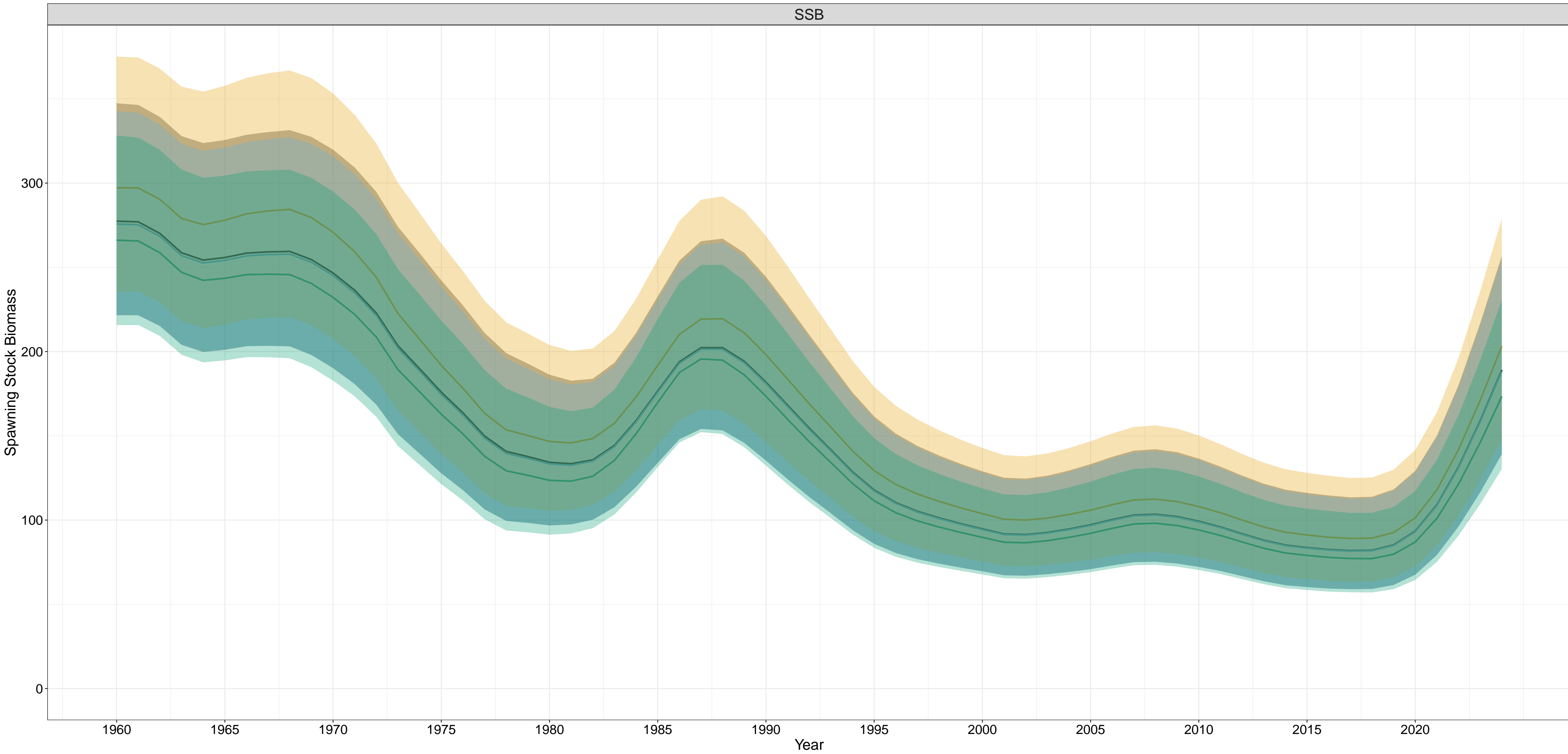
Recruitment

Model 25_1_SPoRC_Cont 25_2_Fix_Legacy_Code 25_3_Fix_SigR 25_4_Upd_Selex



SSB

Model 25_1_SPoRC_Cont 25_2_Fix_Legacy_Code 25_3_Fix_SigR 25_4_Upd_Selex



Biomass

Model 25_1_SPoRC_Cont 25_2_Fix_Legacy_Code 25_3_Fix_SigR 25_4_Upd_Selex

