

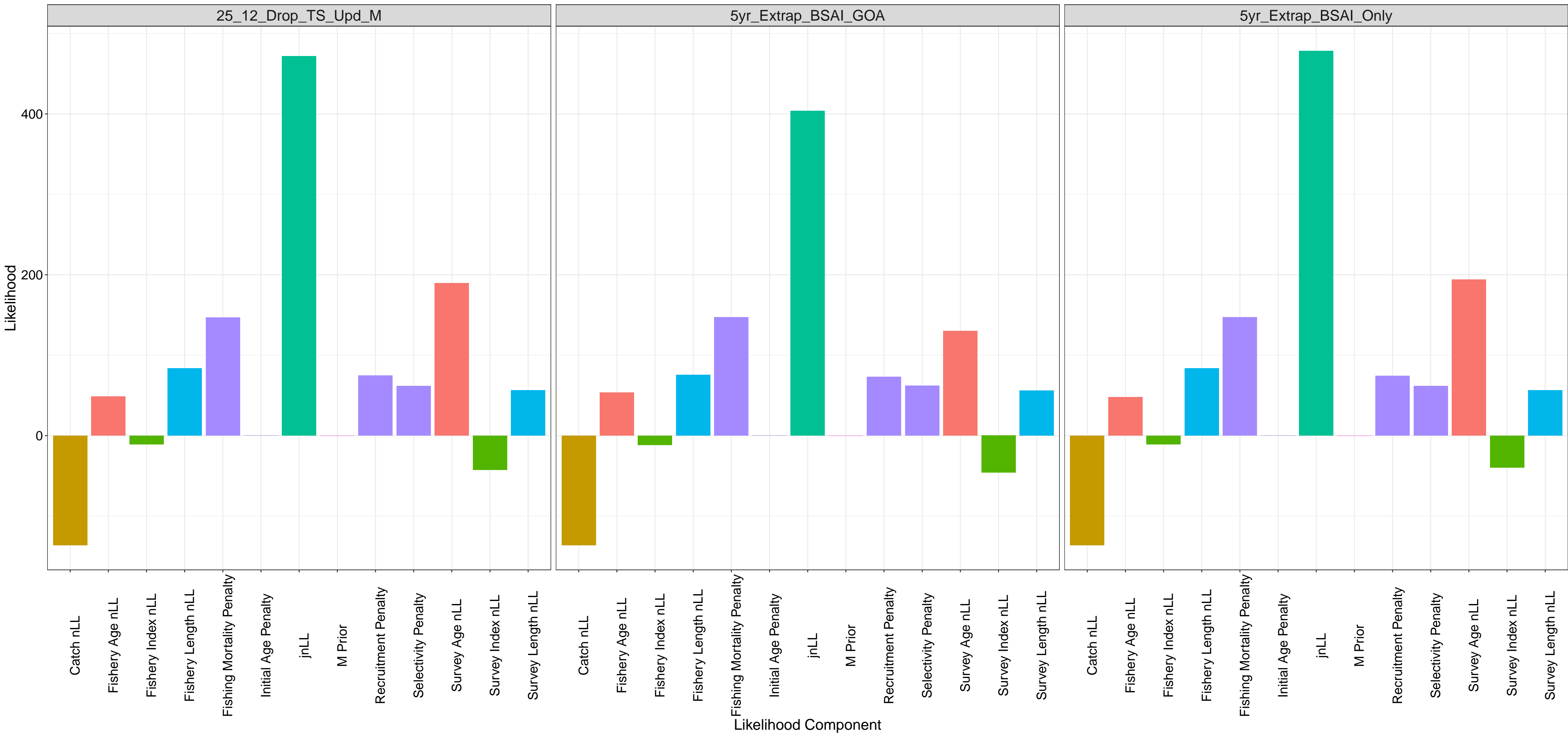
	Model	Region	Terminal_SSB	Terminal_F	Catch_Advice	B_Ref_Pt	F_Ref_Pt	B_over_B_Ref	F_over_F_Ref
1	25_12_Drop_TS_Upd_M	1	194.0907	0.04842486	39.55329	126.6058	0.08308	1.53303	0.58289
2	5yr_Extrap_BSAI_Only	1	195.8136	0.04863375	39.38514	127.0446	0.08309	1.54130	0.58534
3	5yr_Extrap_BSAI_GOA	1	183.8196	0.05030035	38.69233	128.0174	0.08415	1.43590	0.59776

	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_12_Drop_TS_Upd_M	471.8339	−0.2370536	74.67764	61.83381	−136.2188	146.9955	−42.64644	−10.95465	0.2847093	189.5774	48.50805	56.40044	83.61324
2	5yr_Extrap_BSAI_Only	478.4144	−0.2247597	74.14210	61.80474	−136.2470	147.0719	−39.80774	−10.72003	0.2780641	194.2471	47.73490	56.50392	83.63122
3	5yr_Extrap_BSAI_GOA	403.7521	−0.2207054	73.03073	62.17153	−136.3618	147.4117	−46.06598	−11.59383	0.3247379	129.9621	53.54475	55.94630	75.60265

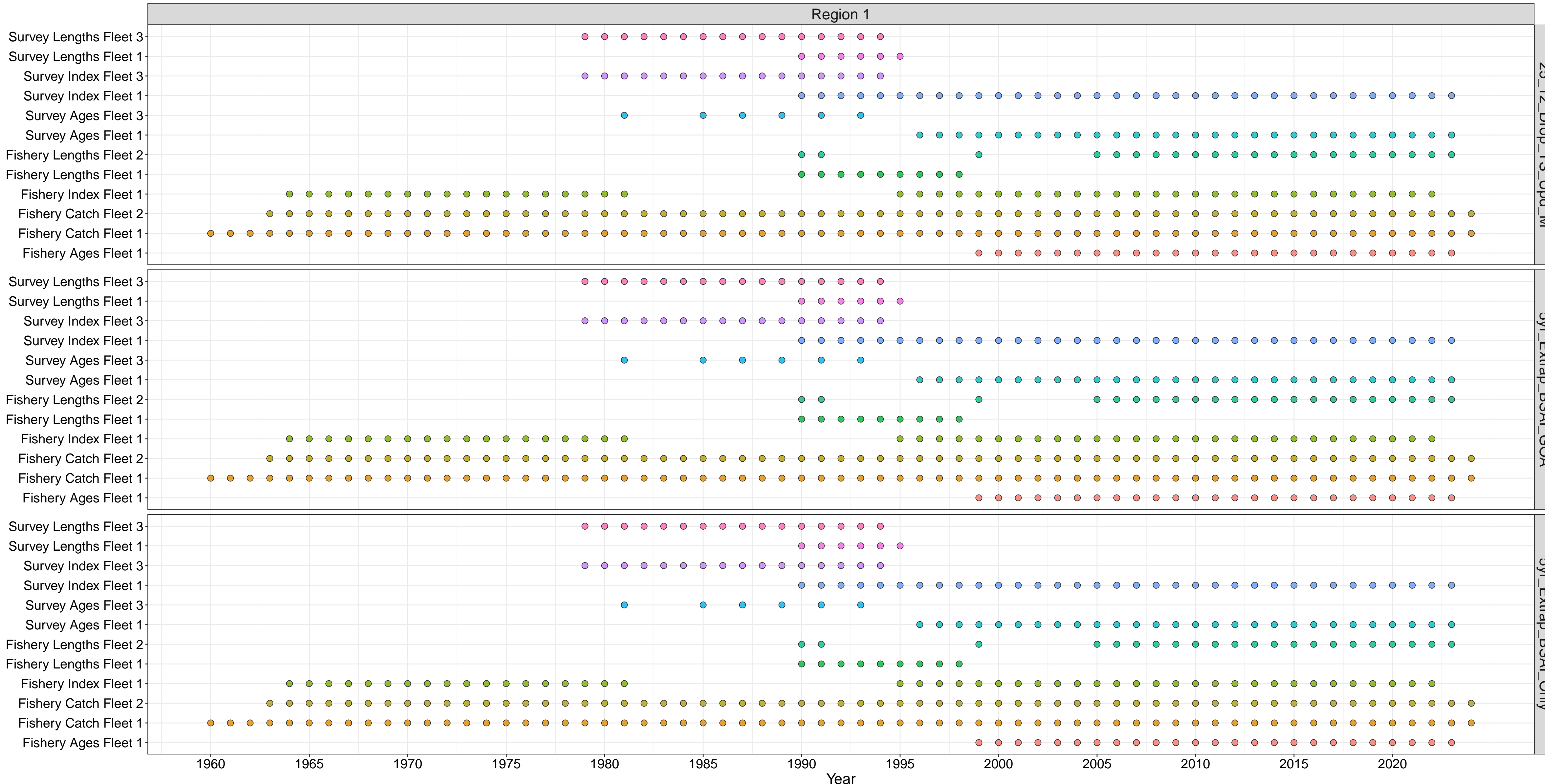
Negative Log-Likelihood

Type

Age	Index	Length	Prior
Catch	jnLL	Penalty	

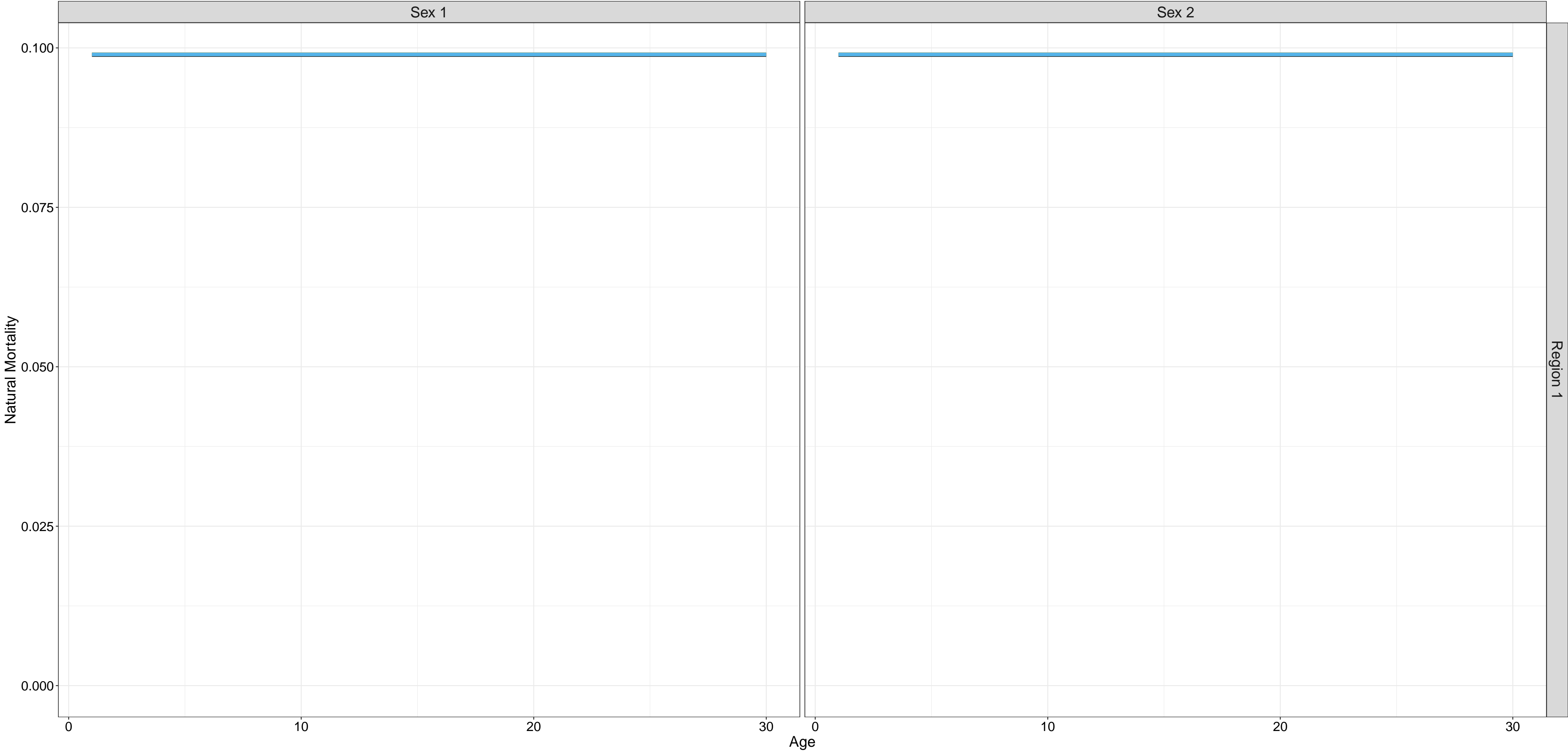


Data



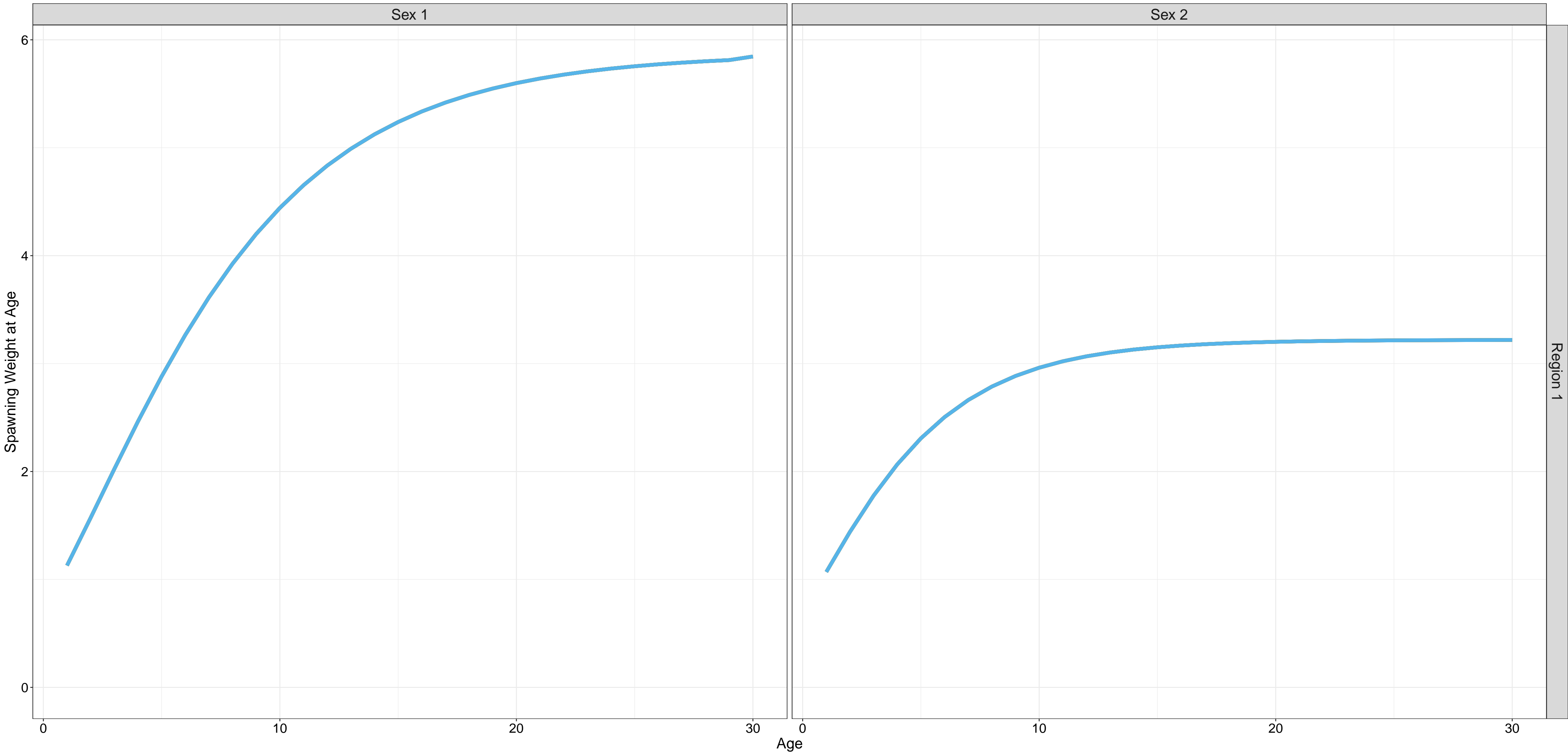
Natural Mortality

Model 25_12_Drop_TS_Upd_M 5yr_Extrap_BSAI_GOA 5yr_Extrap_BSAI_Only



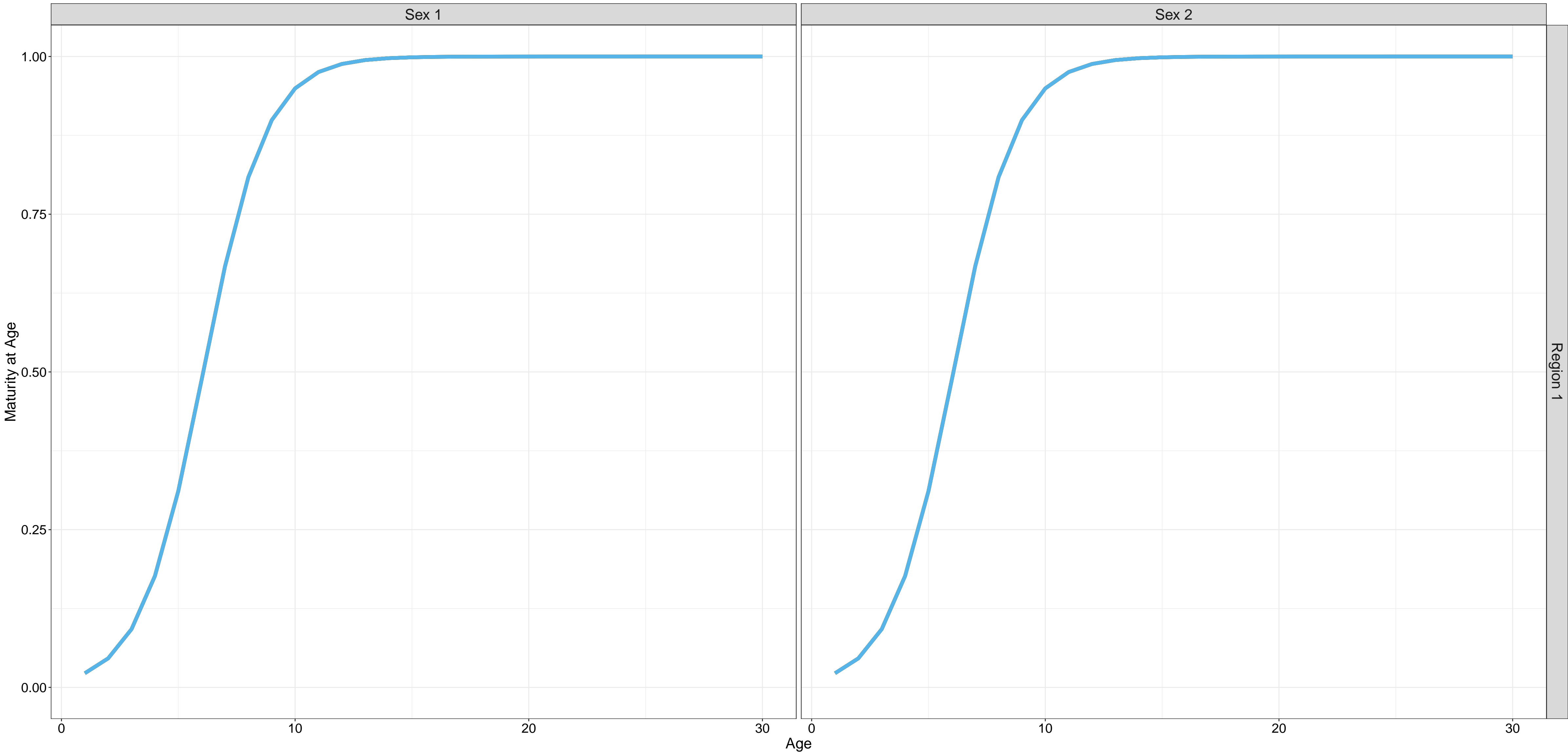
Weight-at-Age

Model 25_12_Drop_TS_Upd_M 5yr_Extrap_BSAI_GOA 5yr_Extrap_BSAI_Only



Maturity

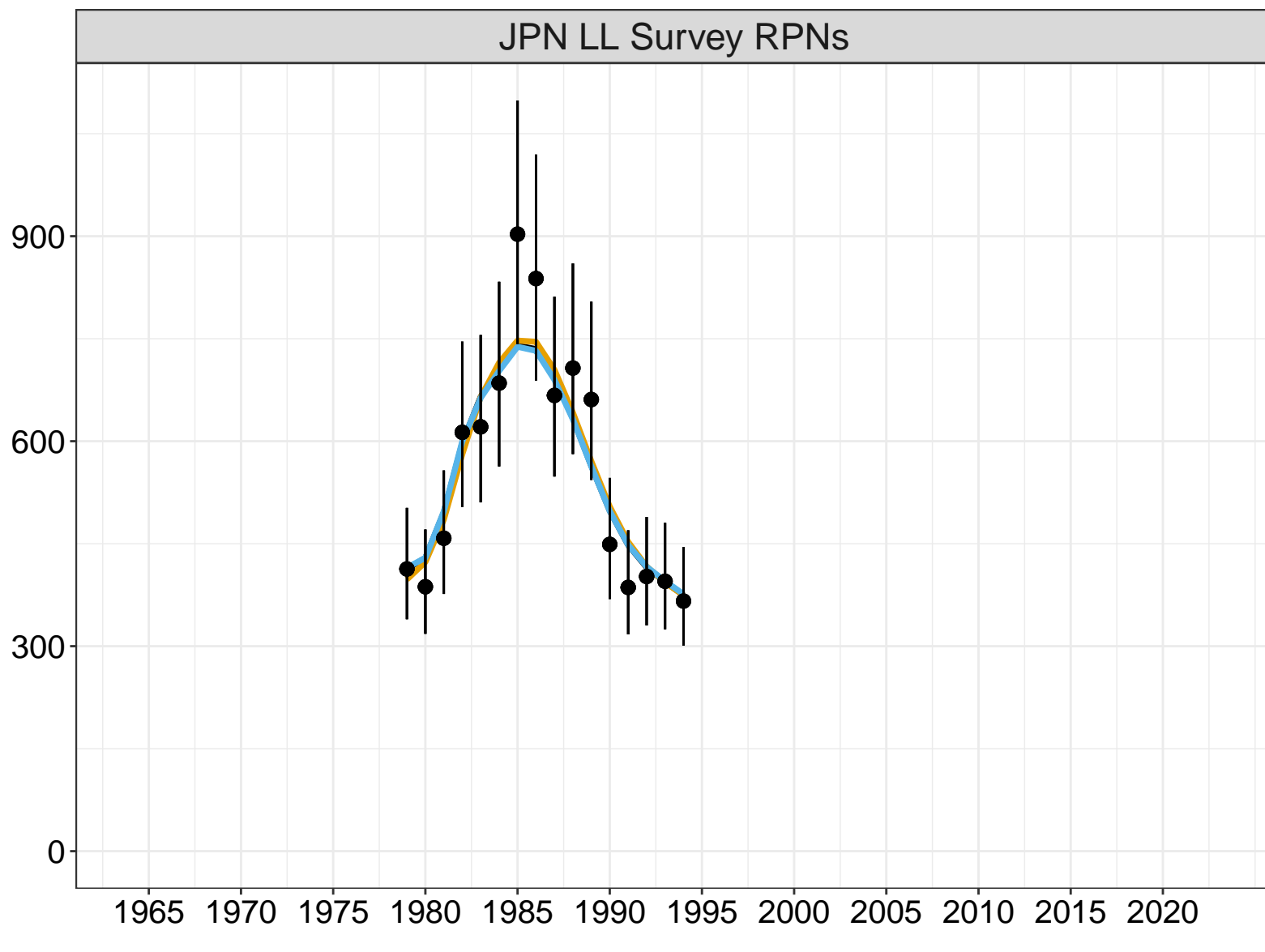
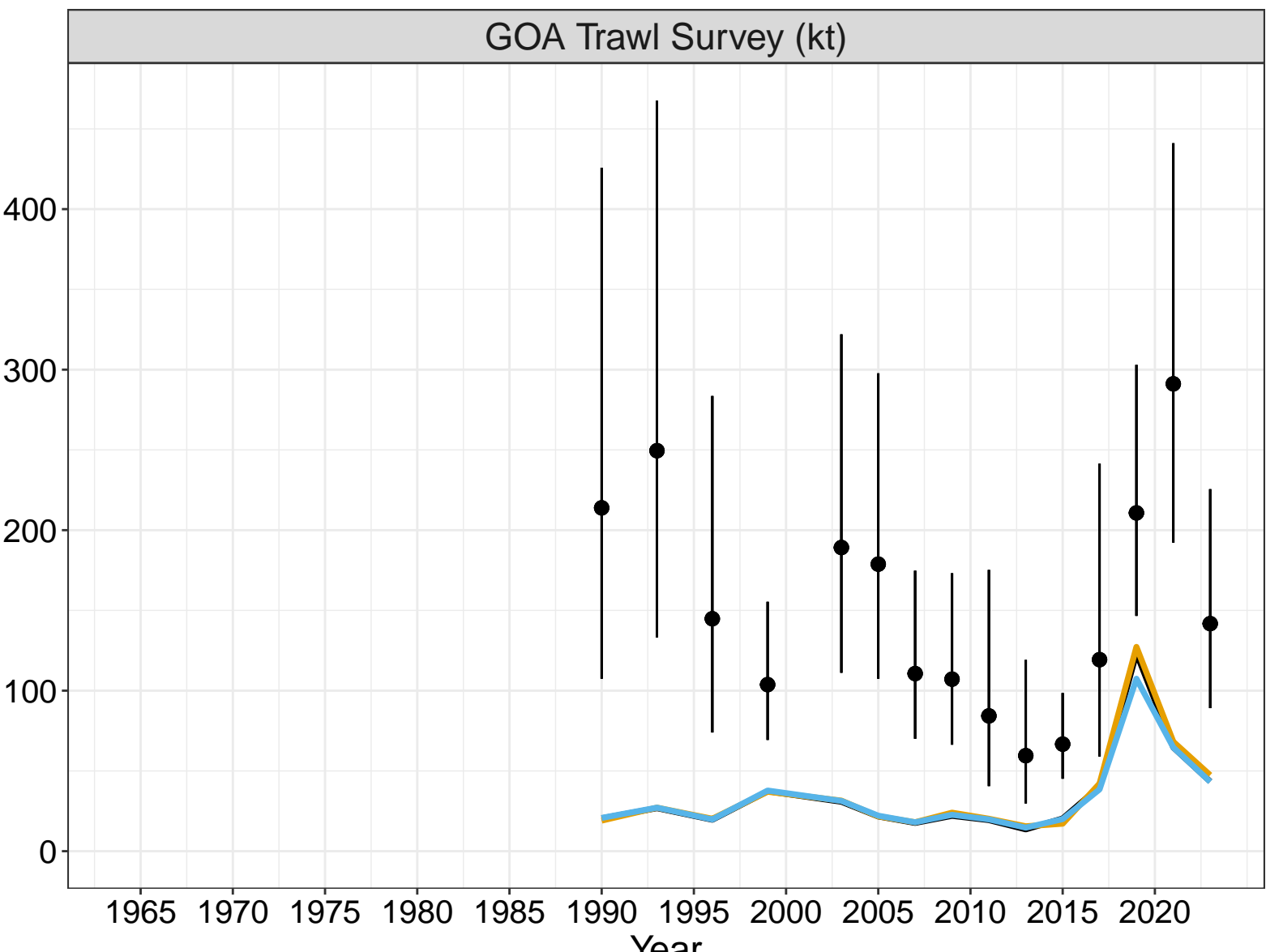
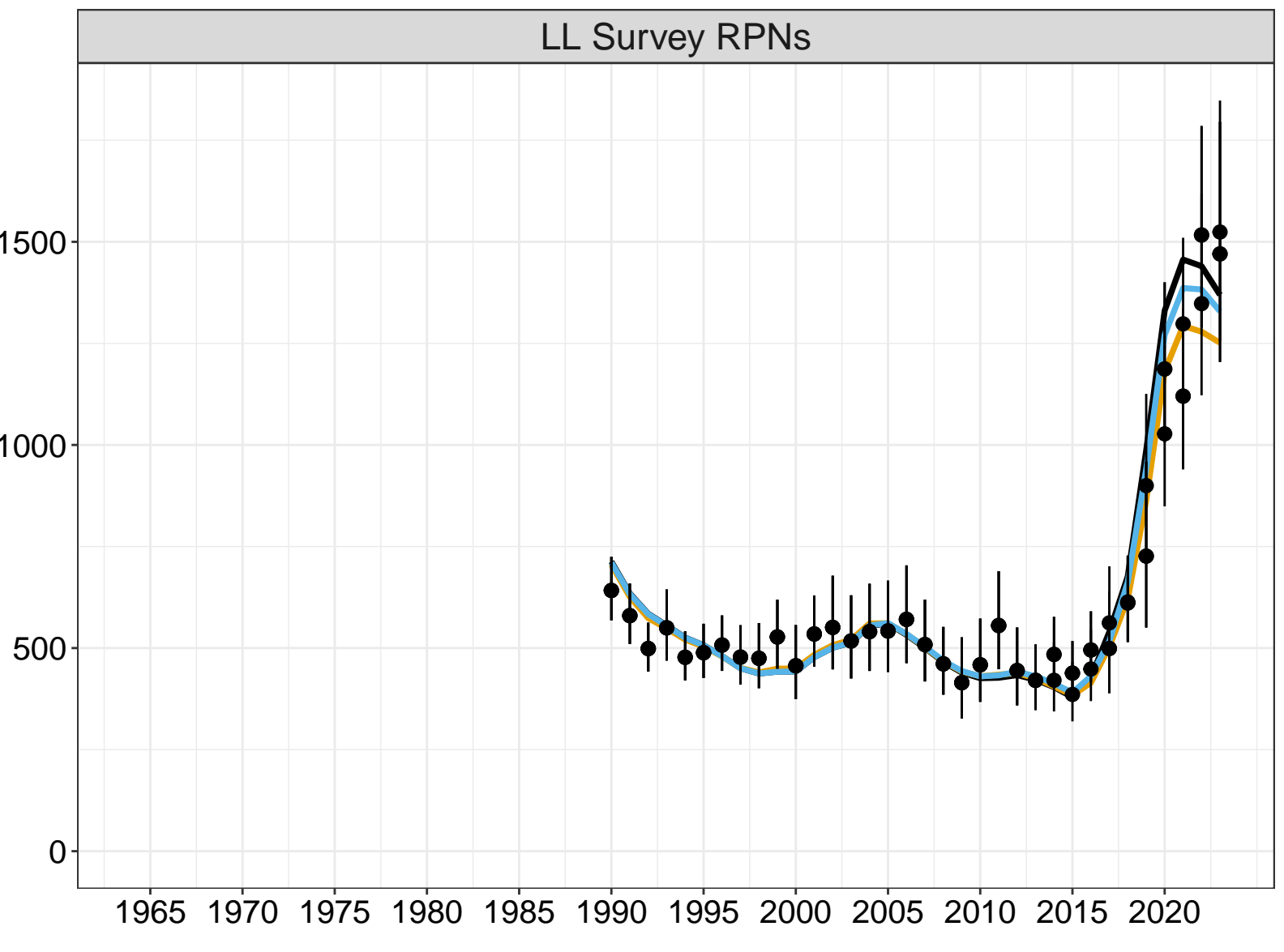
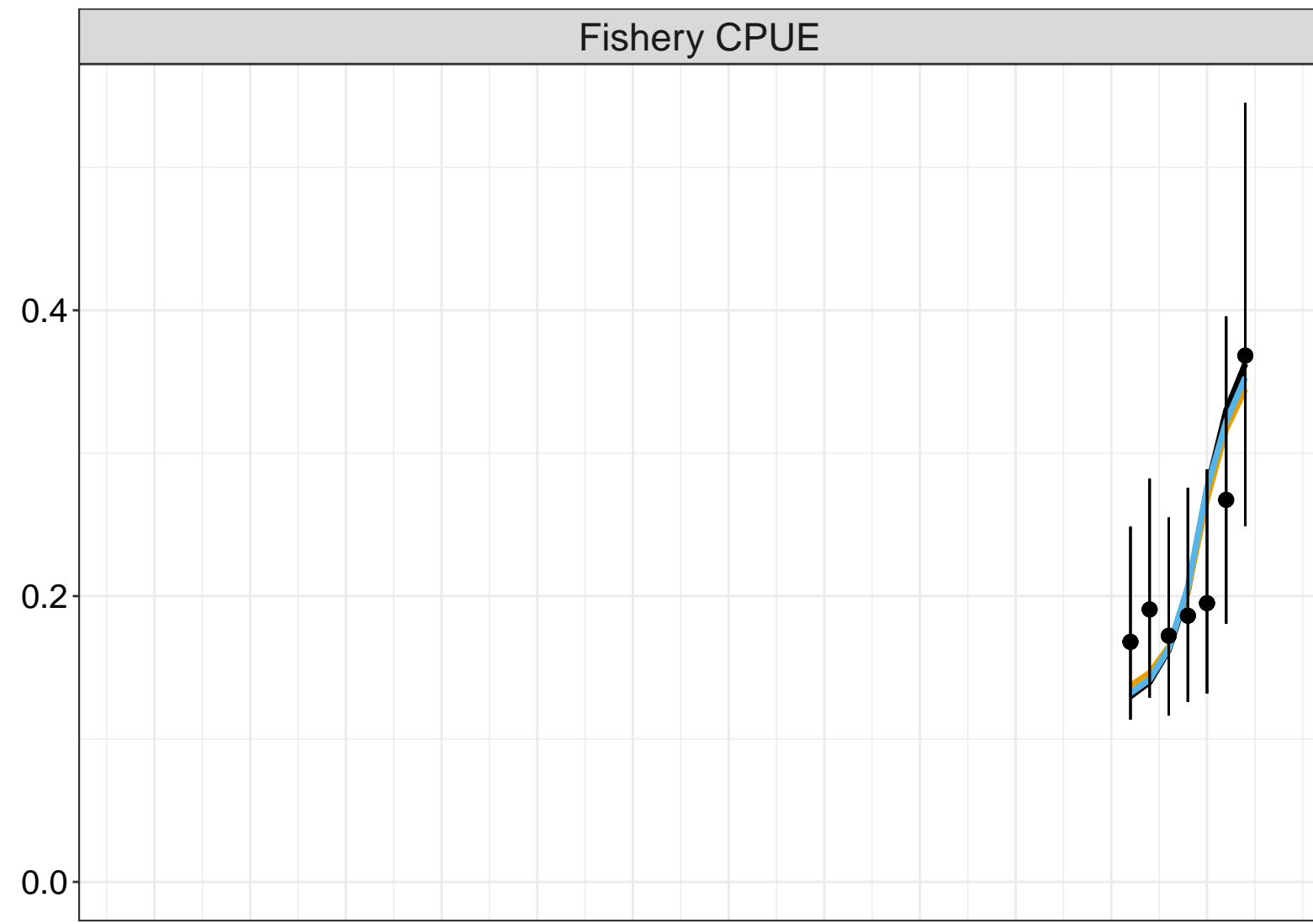
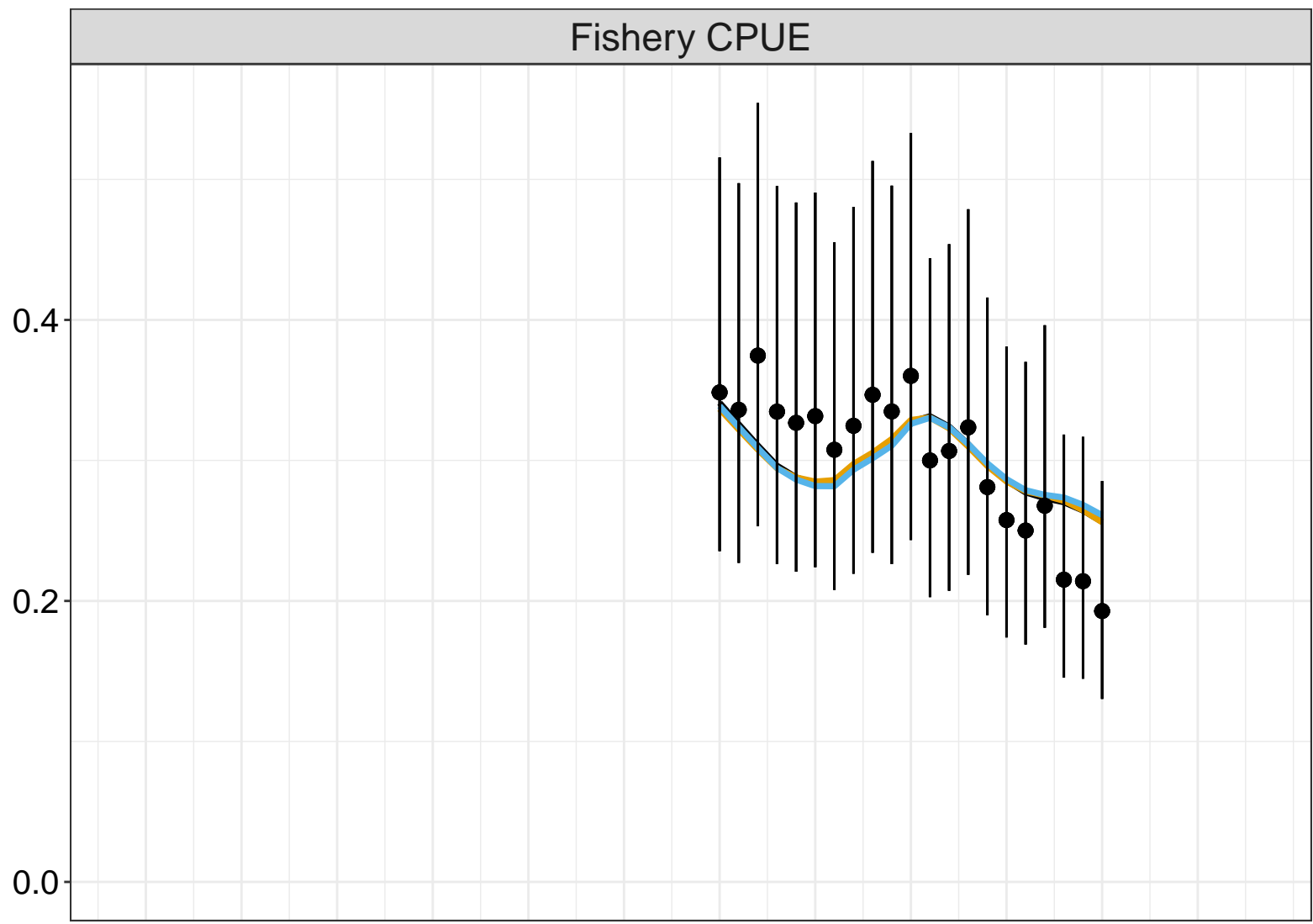
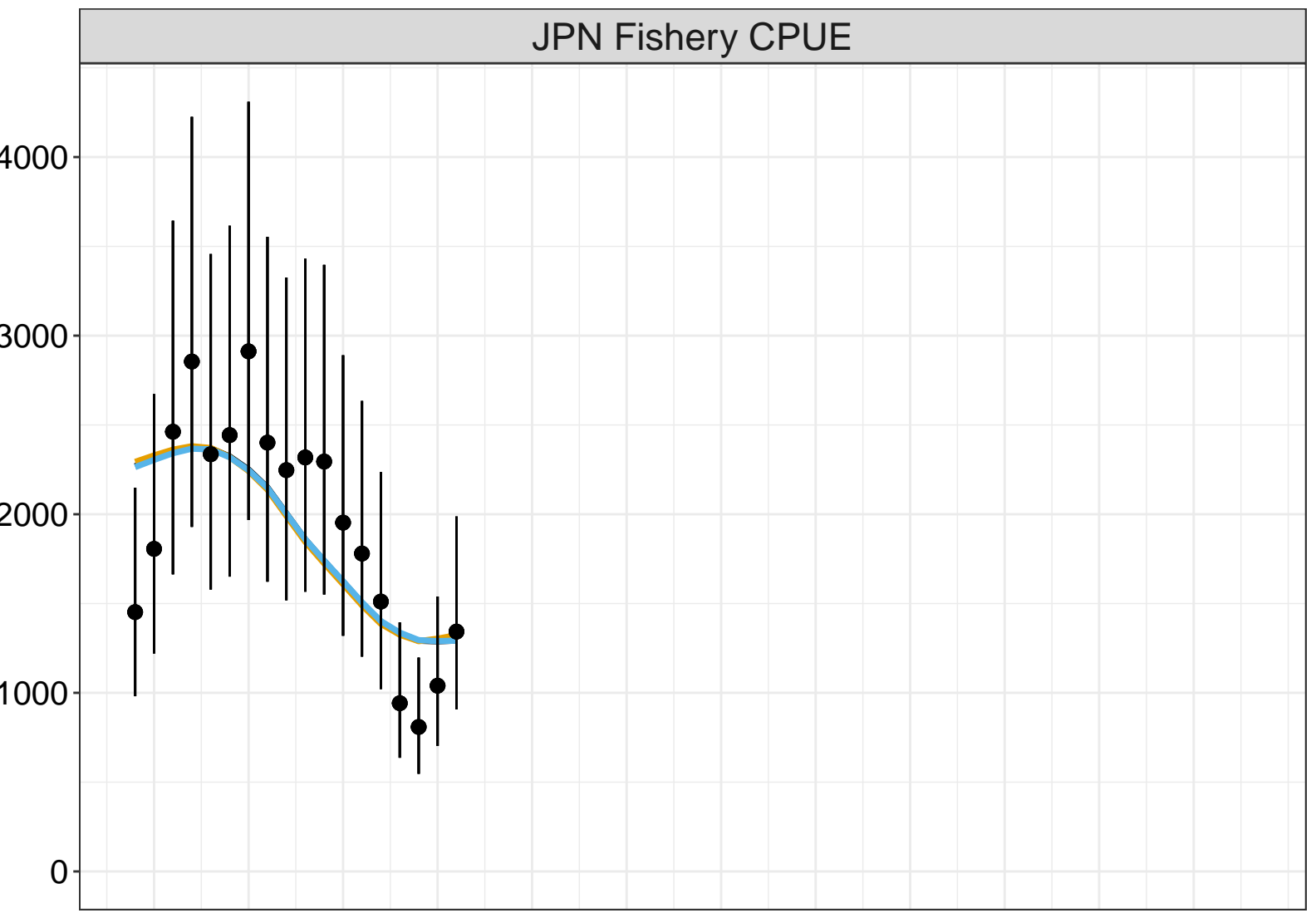
Model 25_12_Drop_TS_Upd_M 5yr_Extrap_BSAI_GOA 5yr_Extrap_BSAI_Only



Index Fits

Model — 25_12_Drop_TS_Upd_M — 5yr_Extrap_BSAI_GOA — 5yr_Extrap_BSAI_Only

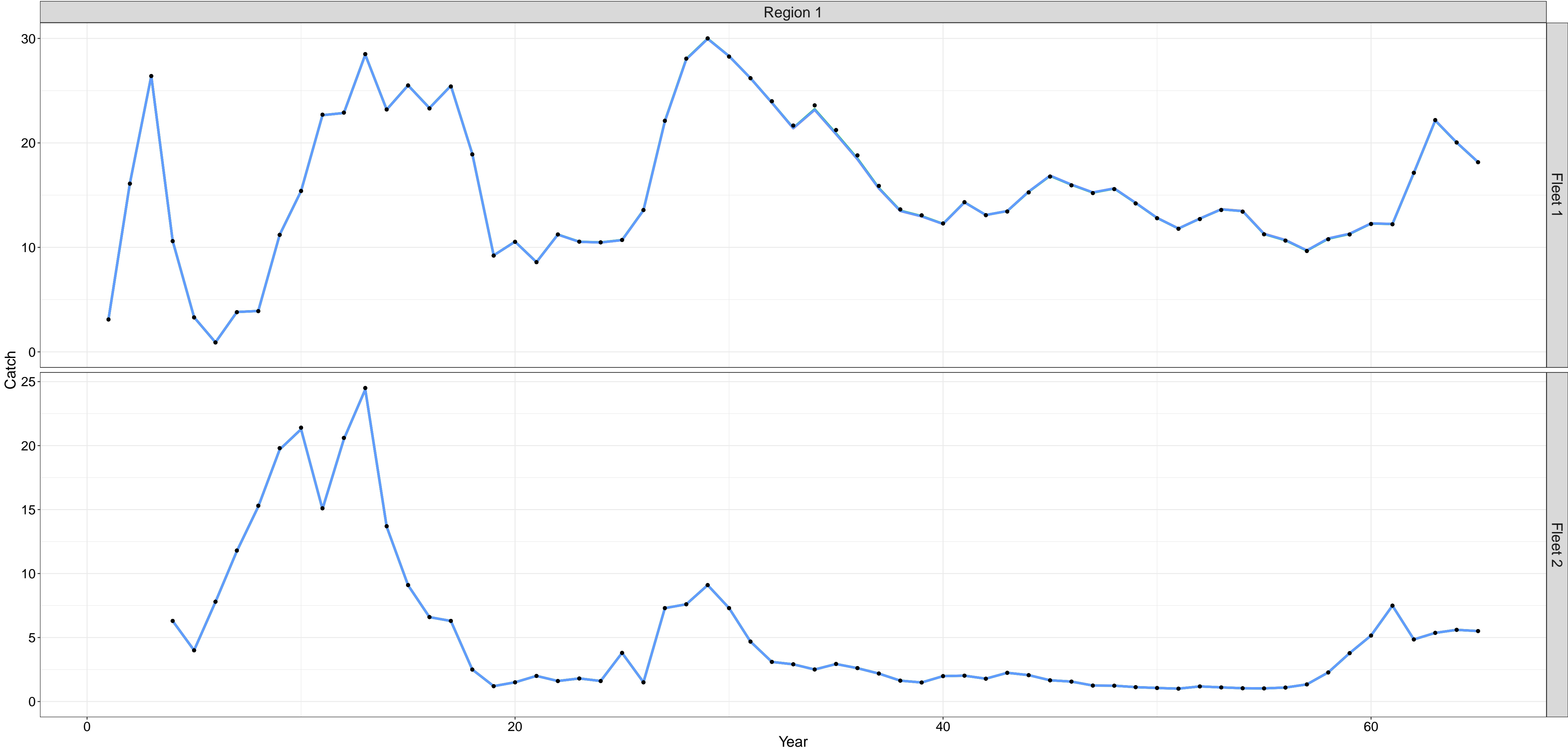
Index



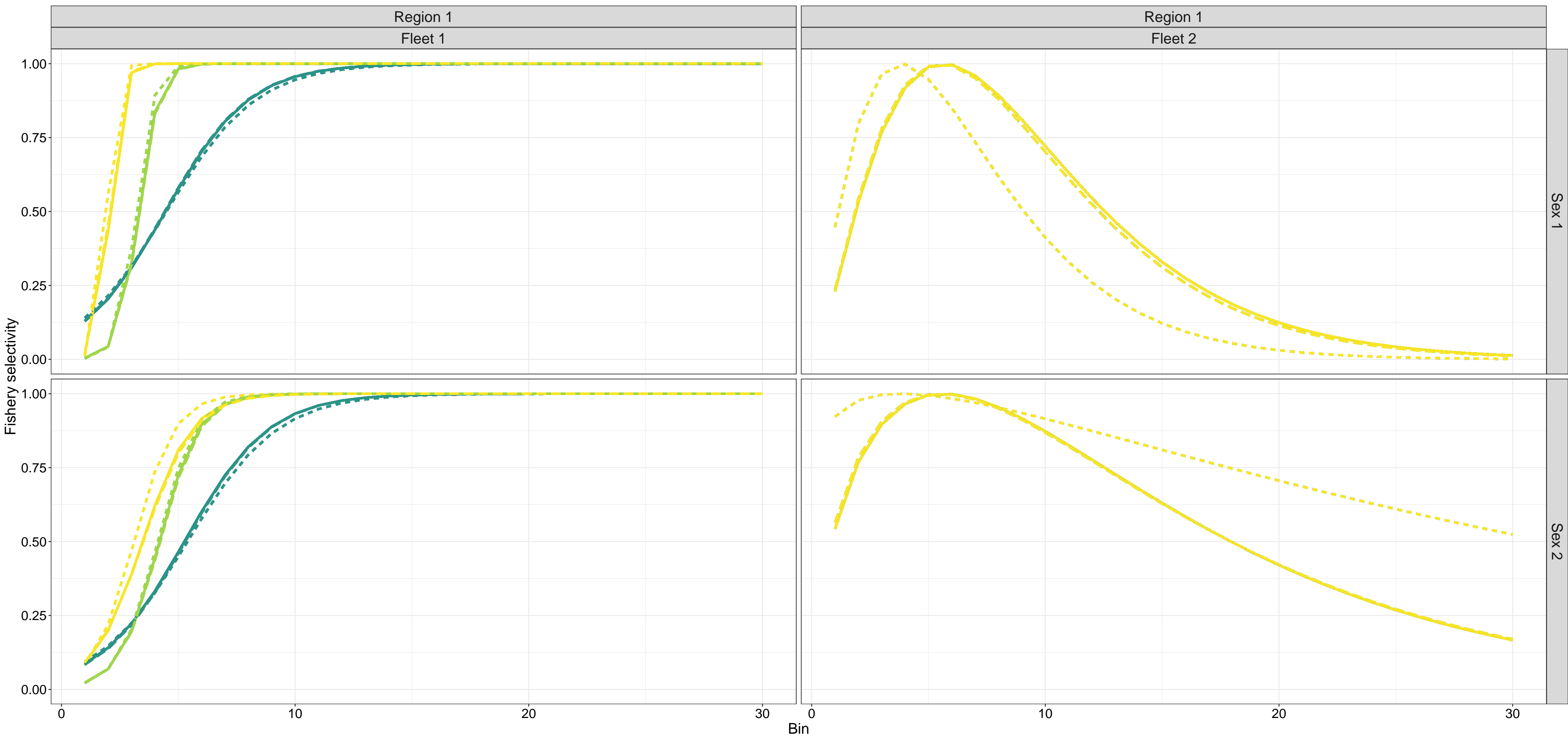
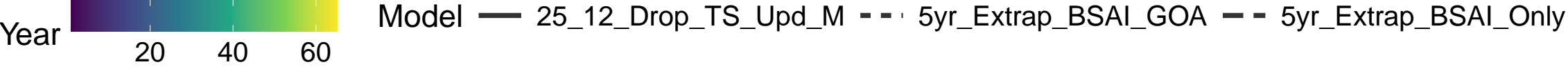
Year

Catch

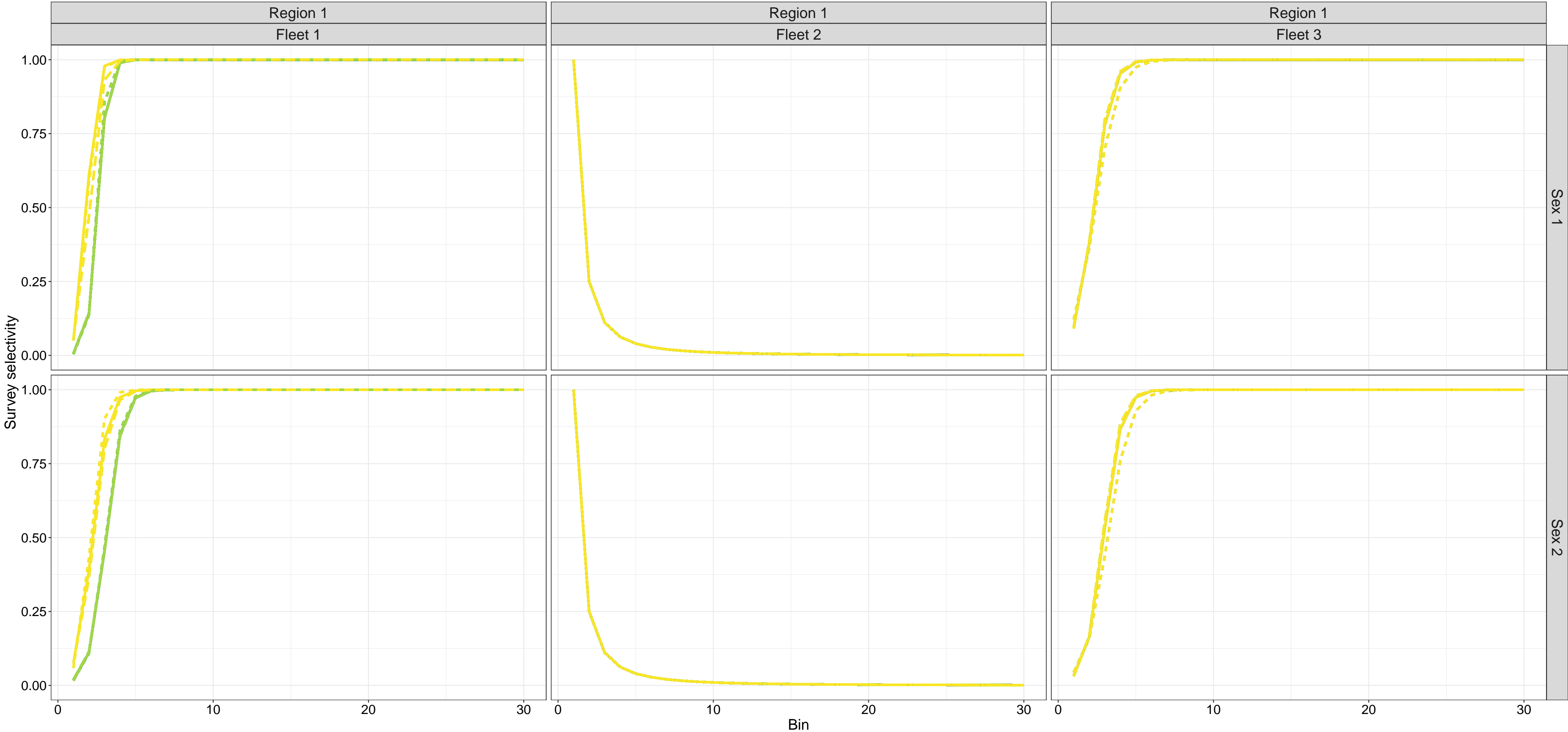
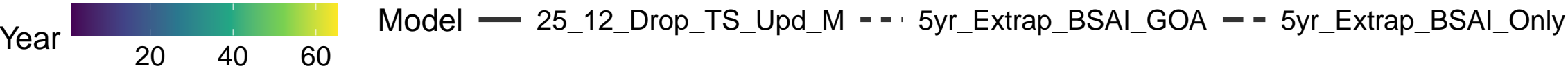
Model 25_12_Drop_TS_Upd_M 5yr_Extrap_BSAI_GOA 5yr_Extrap_BSAI_Only



Fishery Selectivity

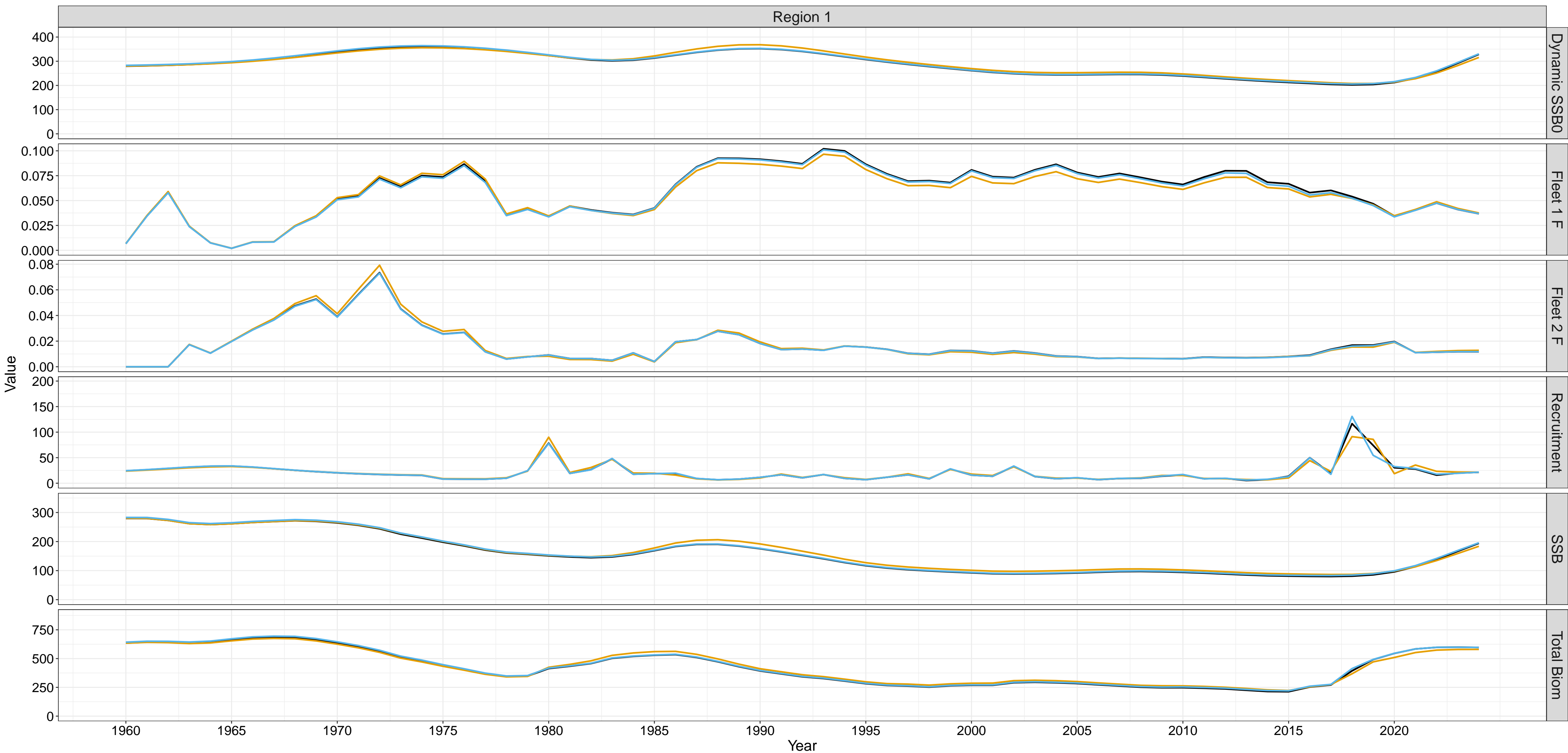


Survey Selectivity



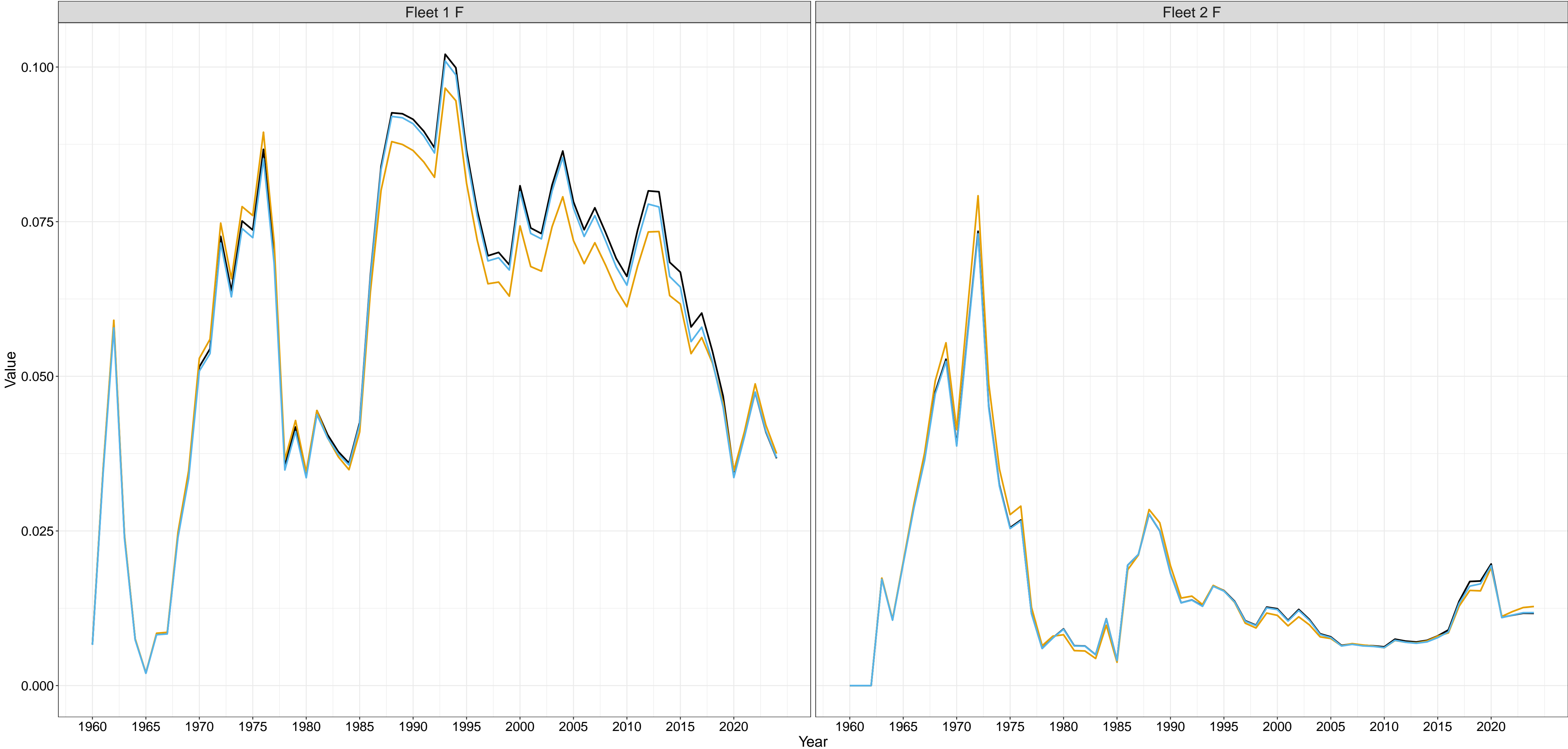
Time Series Plots

Model — 25_12_Drop_TS_Upd_M — 5yr_Extrap_BSAI_GOA — 5yr_Extrap_BSAI_Only



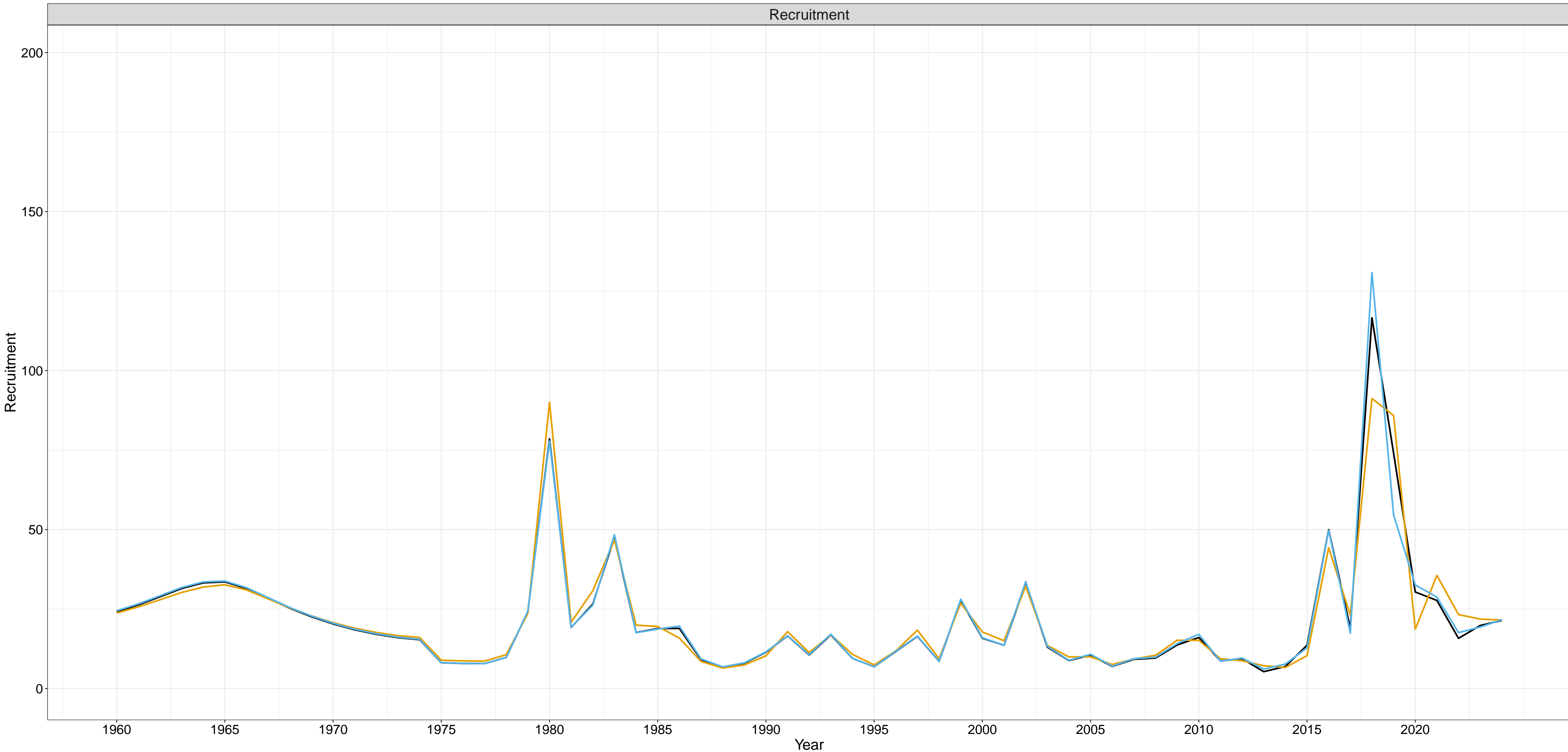
Fishing Mortality

Model — 25_12_Drop_TS_Upd_M — 5yr_Extrap_BSAI_GOA — 5yr_Extrap_BSAI_Only



Recruitment

Model — 25_12_Drop_TS_Upd_M 5yr_Extrap_BSAI_GOA 5yr_Extrap_BSAI_Only



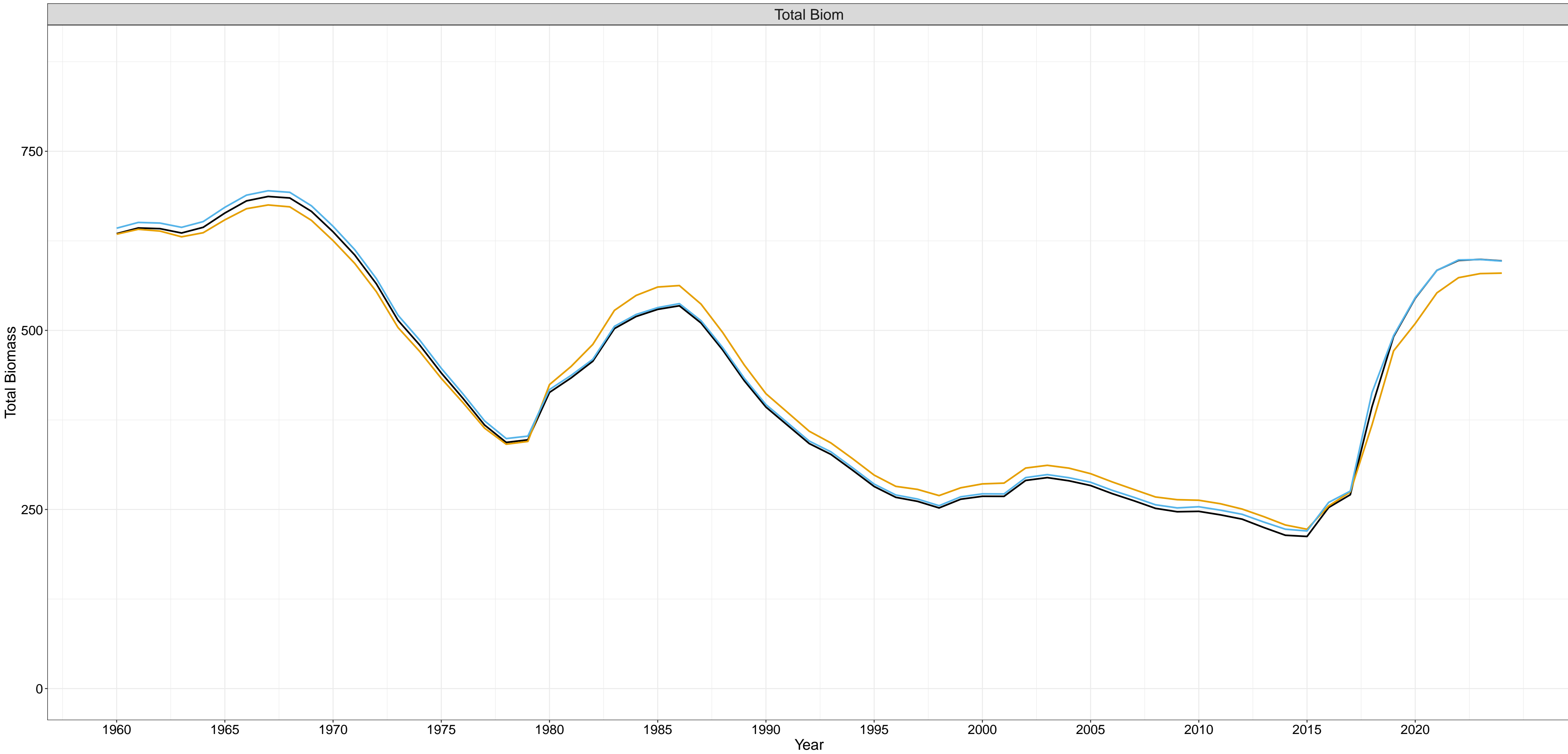
SSB

Model — 25_12_Drop_TS_Upd_M — 5yr_Extrap_BSAI_GOA — 5yr_Extrap_BSAI_Only



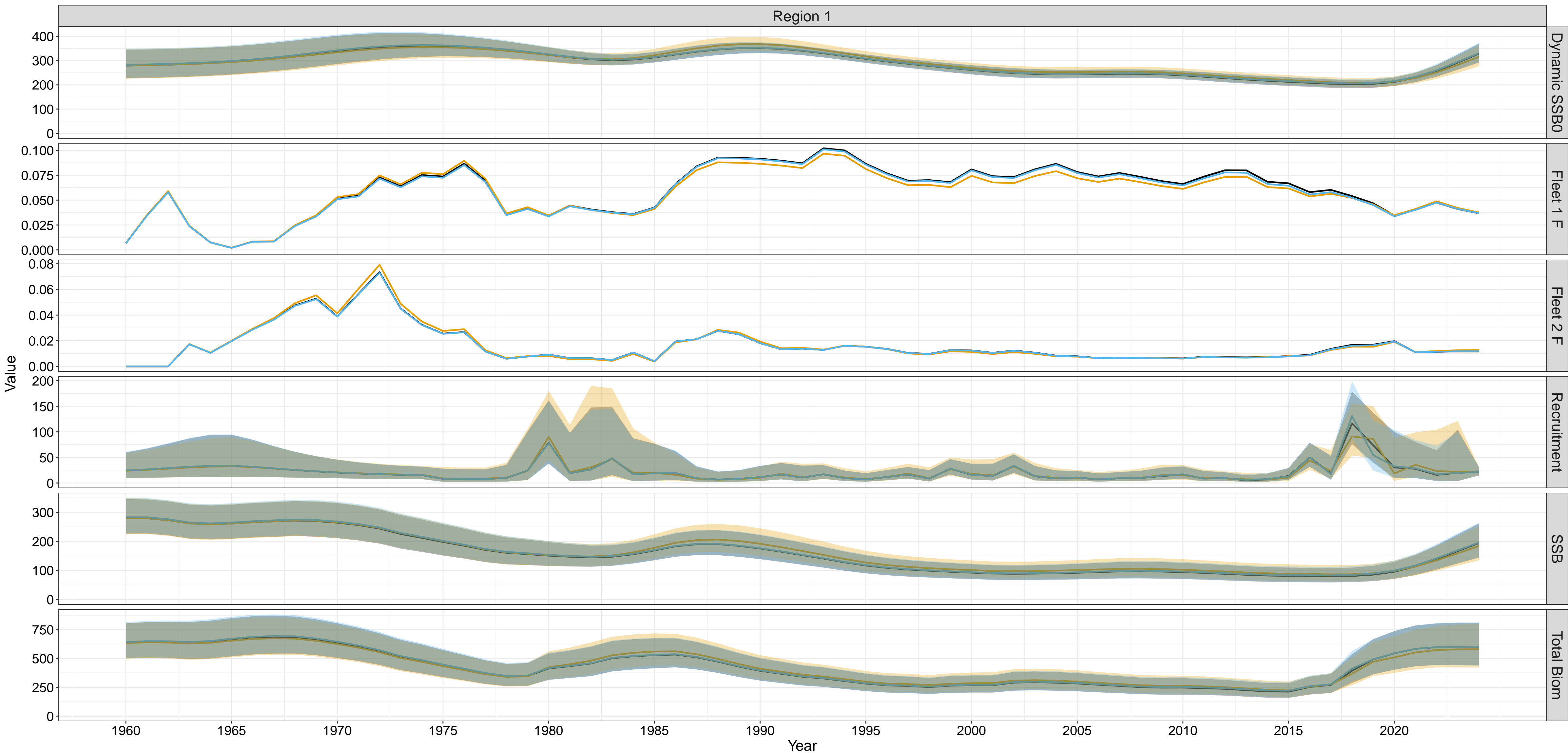
Biomass

Model — 25_12_Drop_TS_Upd_M — 5yr_Extrap_BSAI_GOA — 5yr_Extrap_BSAI_Only



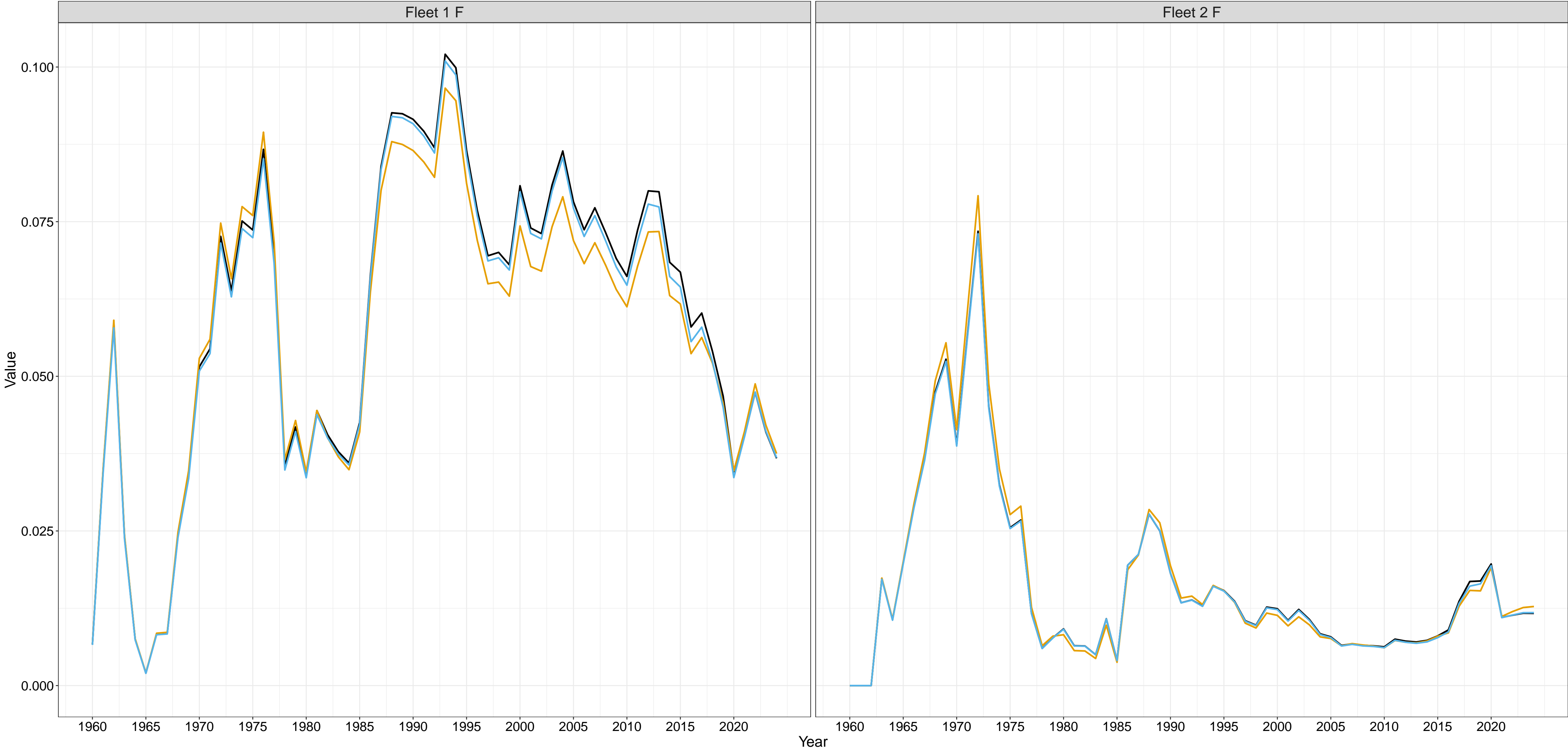
Time Series Plots

Model 25_12_Drop_TS_Upd_M 5yr_Extrap_BSAI_GOA 5yr_Extrap_BSAI_Only

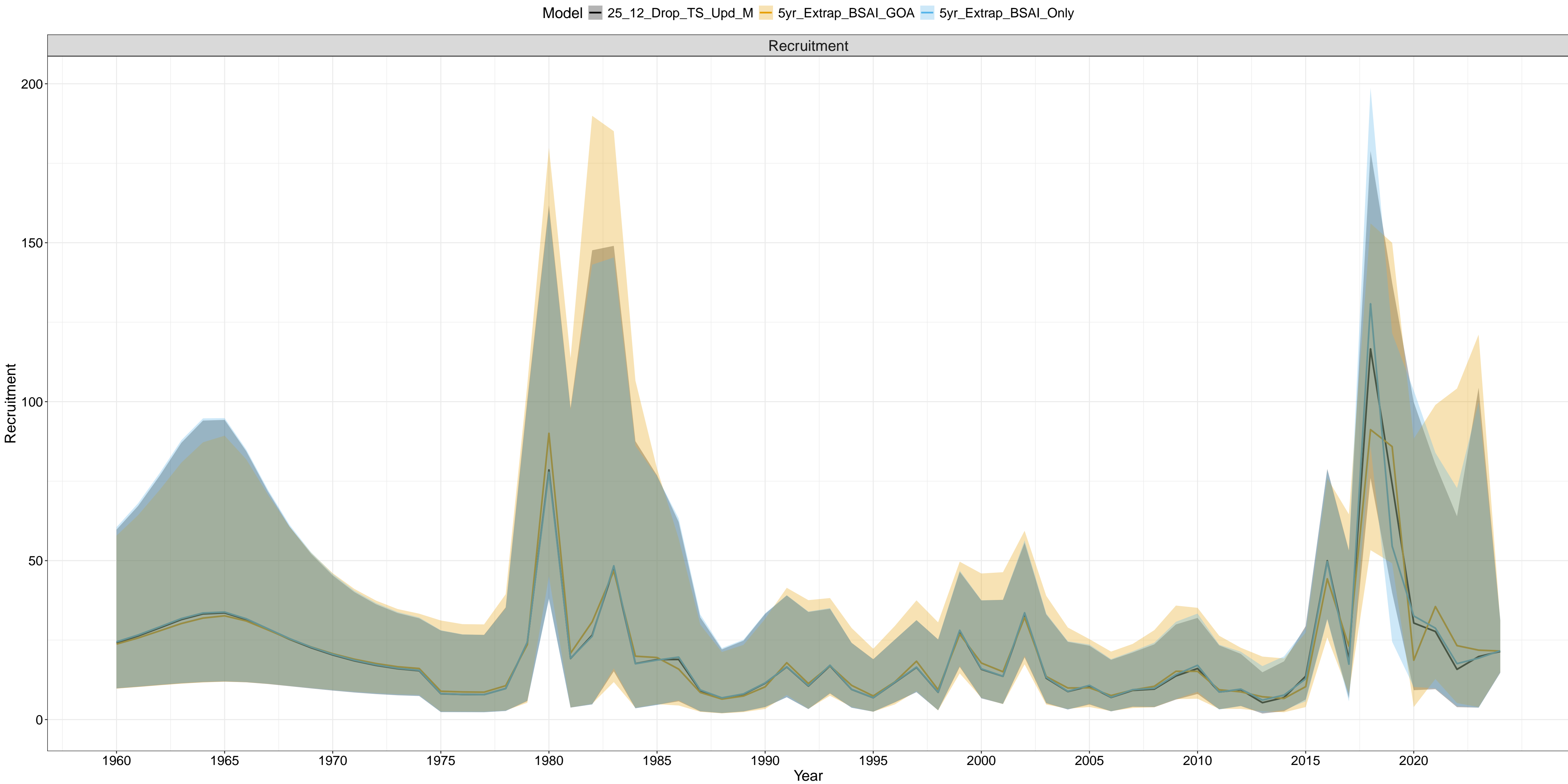


Fishing Mortality

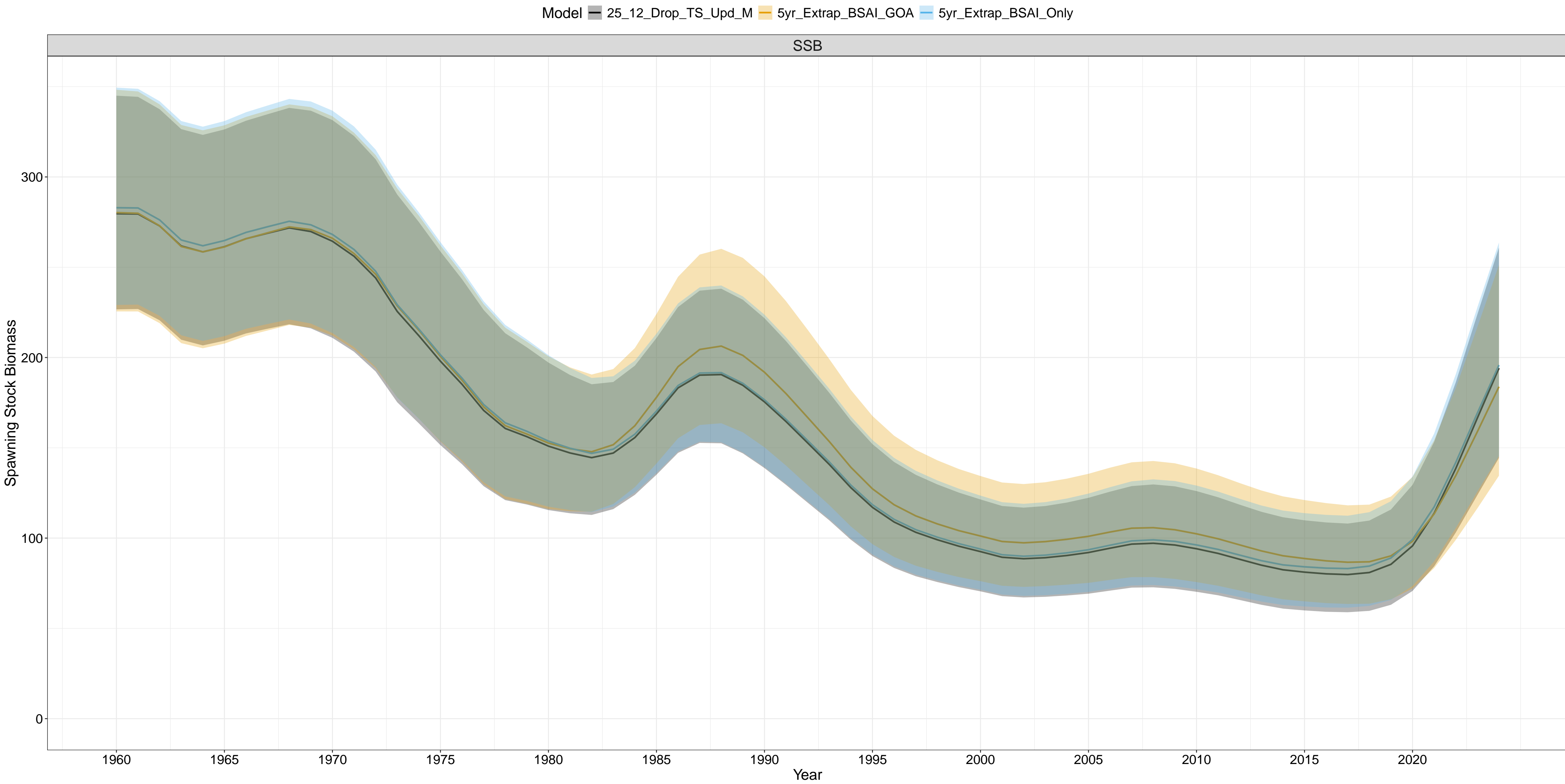
Model — 25_12_Drop_TS_Upd_M — 5yr_Extrap_BSAI_GOA — 5yr_Extrap_BSAI_Only



Recruitment



SSB



Biomass

Model 25_12_Drop_TS_Upd_M 5yr_Extrap_BSAI_GOA 5yr_Extrap_BSAI_Only

