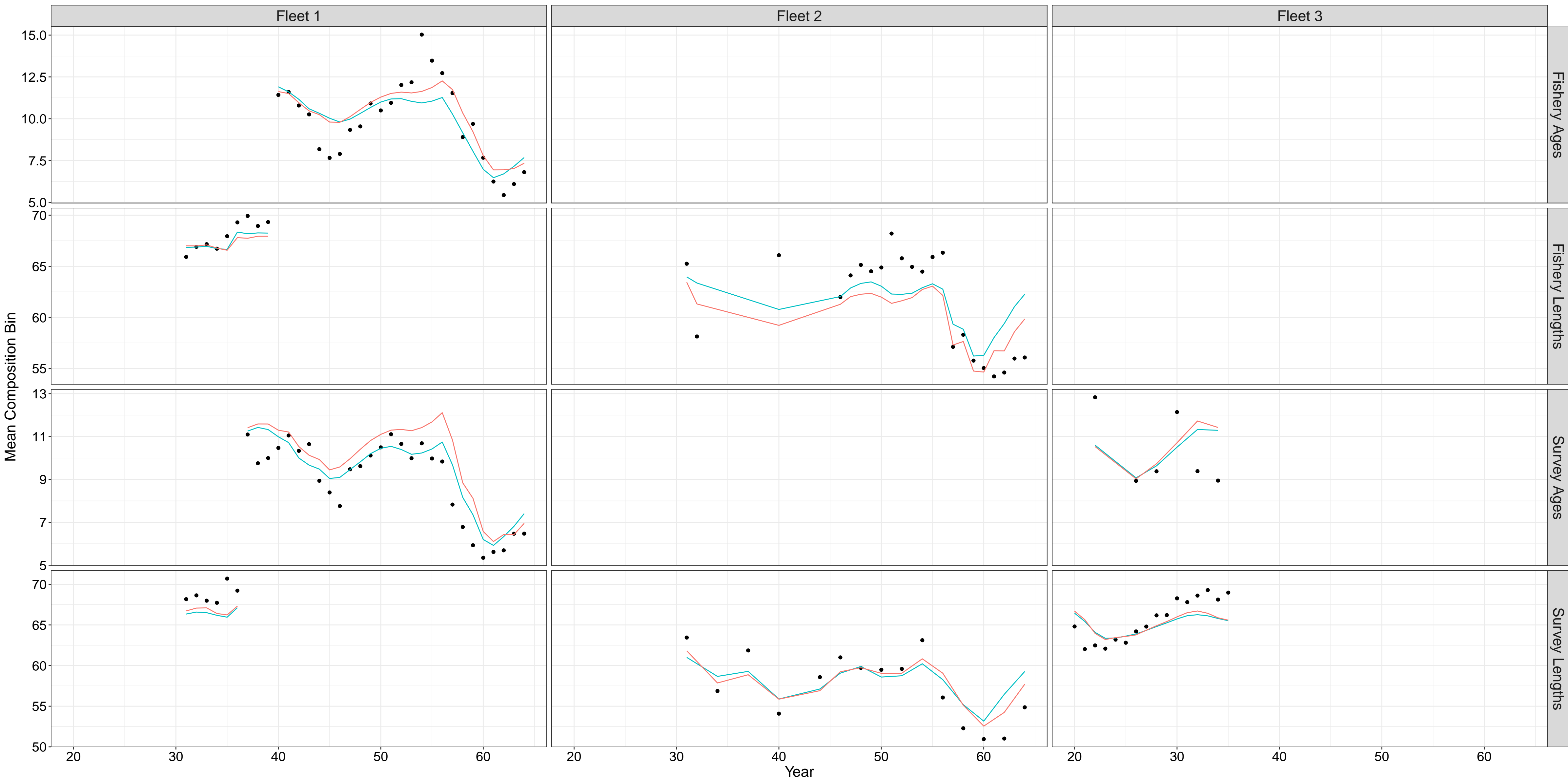
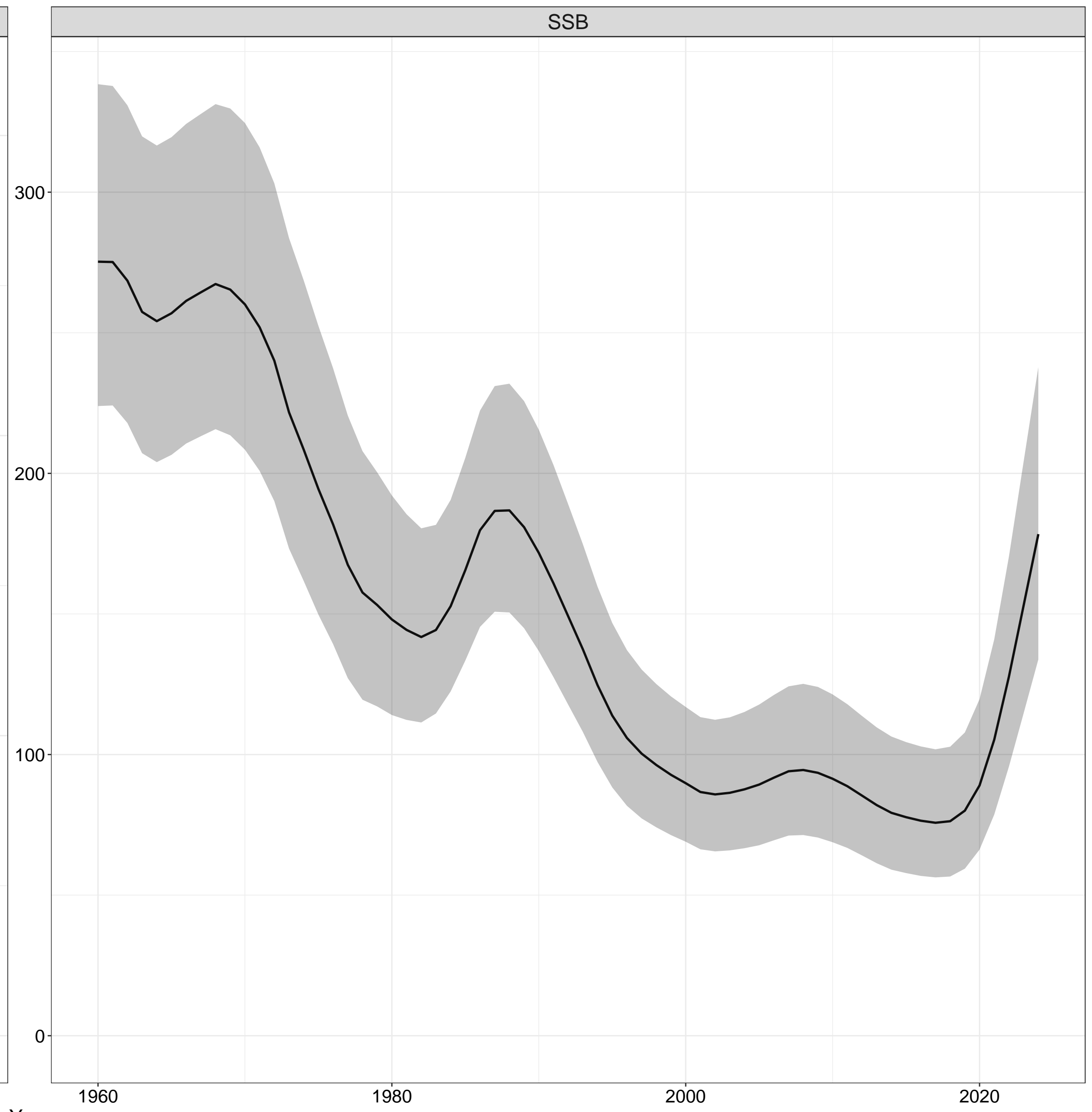
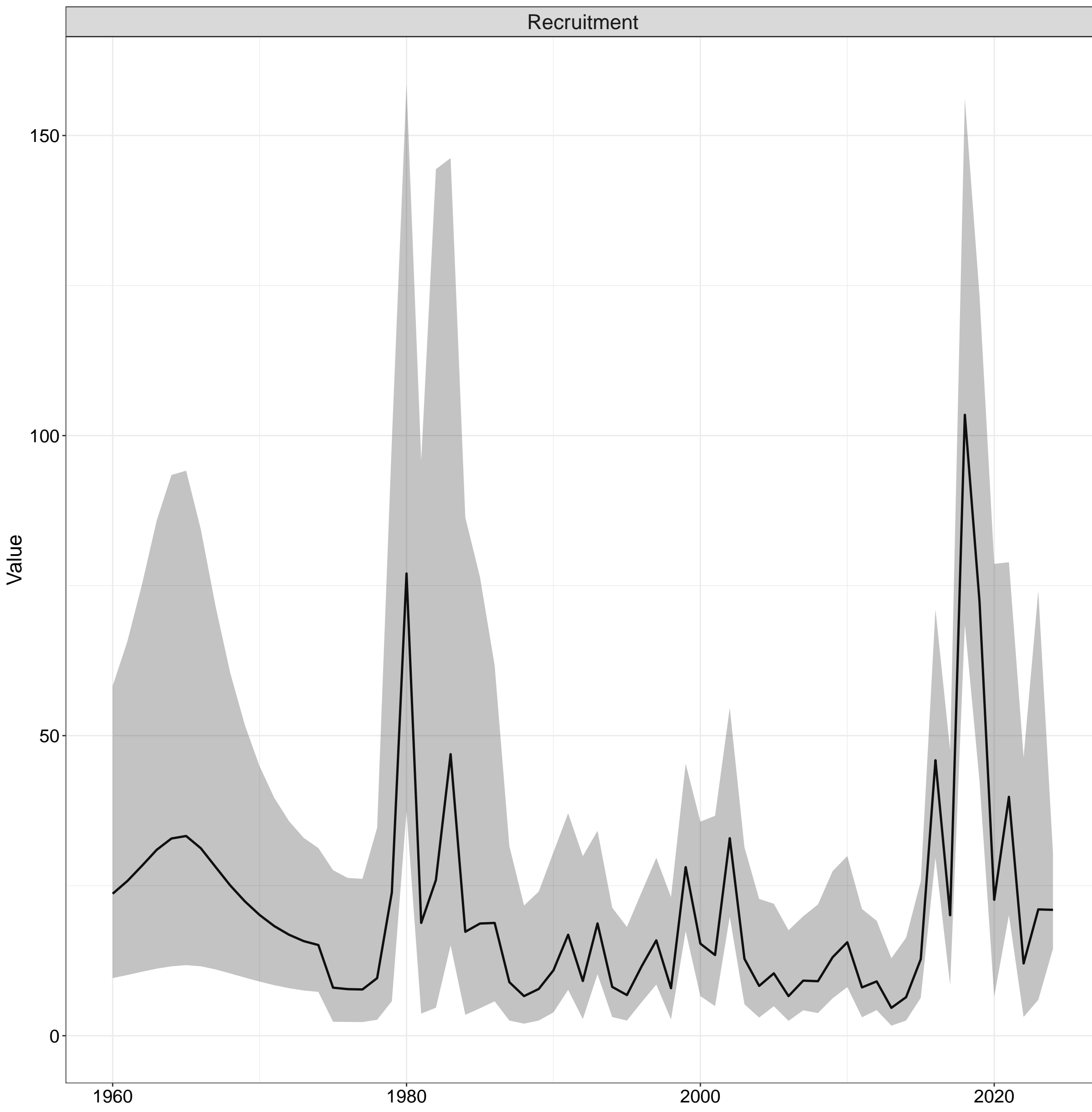


	Comp_Type	Init_Weight	Final_Weight
1	LLF_Age_F	0.8261073	0.8383975
2	LLF_Age_M	NA	NA
3	LLS_Age_F	3.7922454	3.5835819
4	LLS_Age_M	NA	NA
5	JPN_LLS_Age_F	1.3168111	0.6406147
6	JPN_LLS_Age_M	NA	NA
7	LLF_Len_F	4.1837057	5.7535682
8	LLF_Len_M	4.2696935	NA
9	TF_Len_F	0.3164859	0.2808551
10	TF_Len_M	0.2293966	NA
11	LLS_Len_F	1.4379202	2.5542269
12	LLS_Len_M	1.0705376	NA
13	TS_Len_F	0.6708833	0.4024118
14	TS_Len_M	0.4652071	NA
15	JPN_LLS_Len_F	1.2777281	1.0052764
16	JPN_LLS_Len_M	0.8575195	NA

colour — First Iter — Last Iter

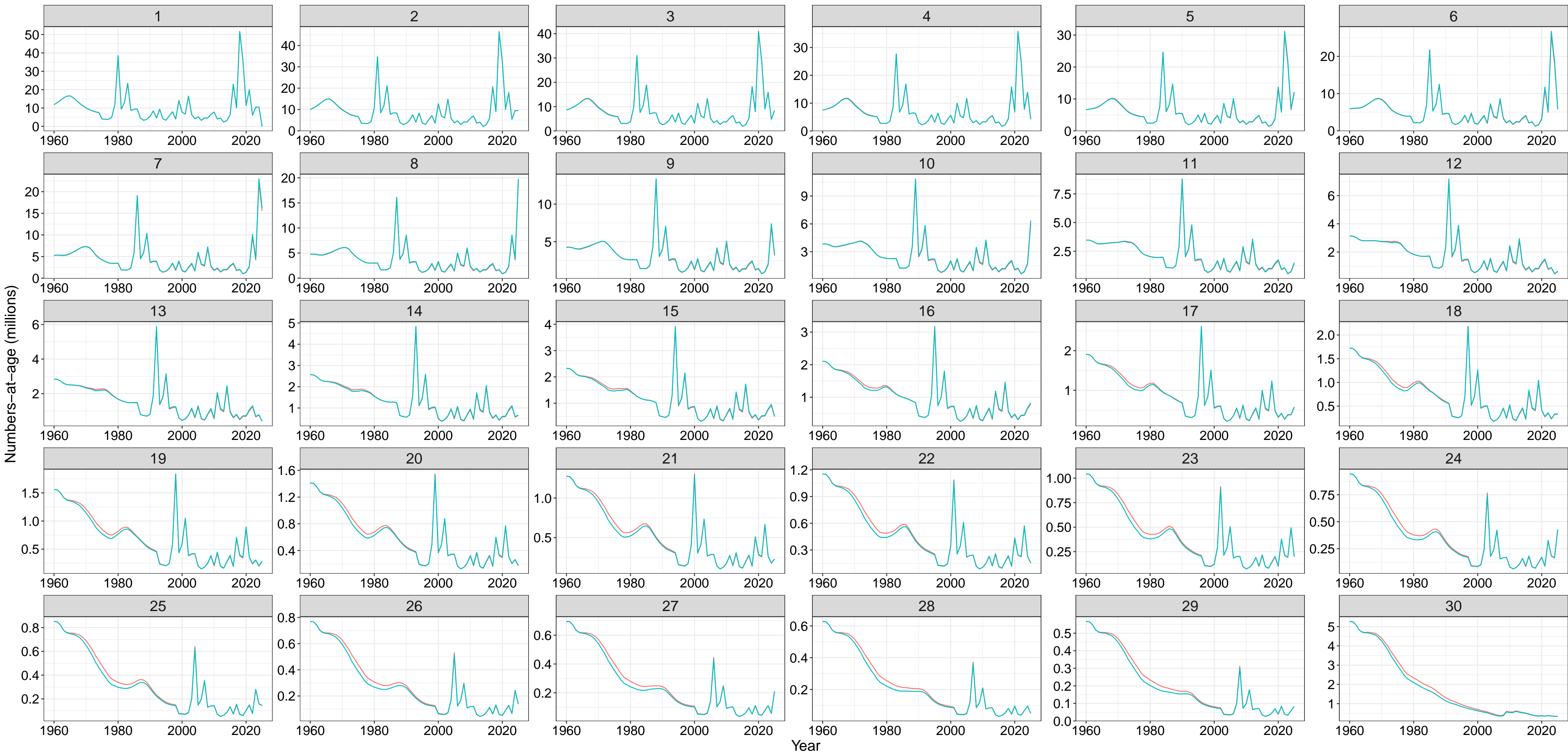


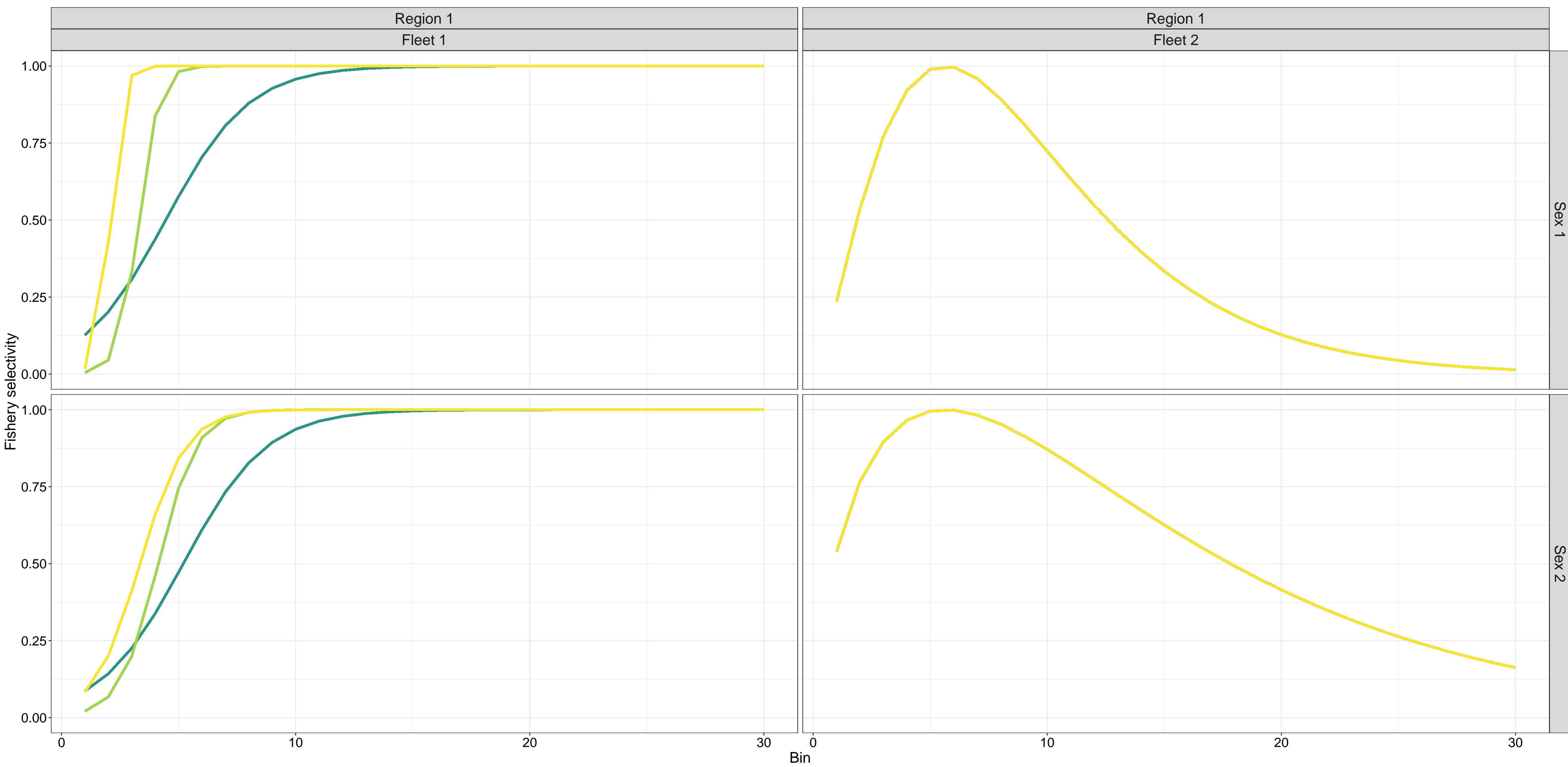
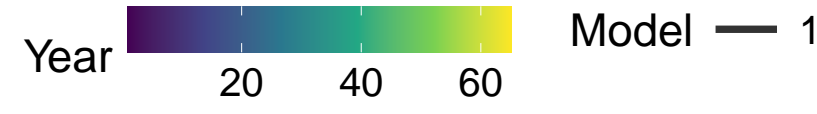
	Model	Region	Terminal_SSB	Terminal_F	Catch_Advice	B_Ref_Pt	F_Ref_Pt	B_over_B_Ref	F_over_F_Ref
1	1	1	178.38031	0.051471698256435	37.28203	123.43458	0.08281	1.44514	0.62155

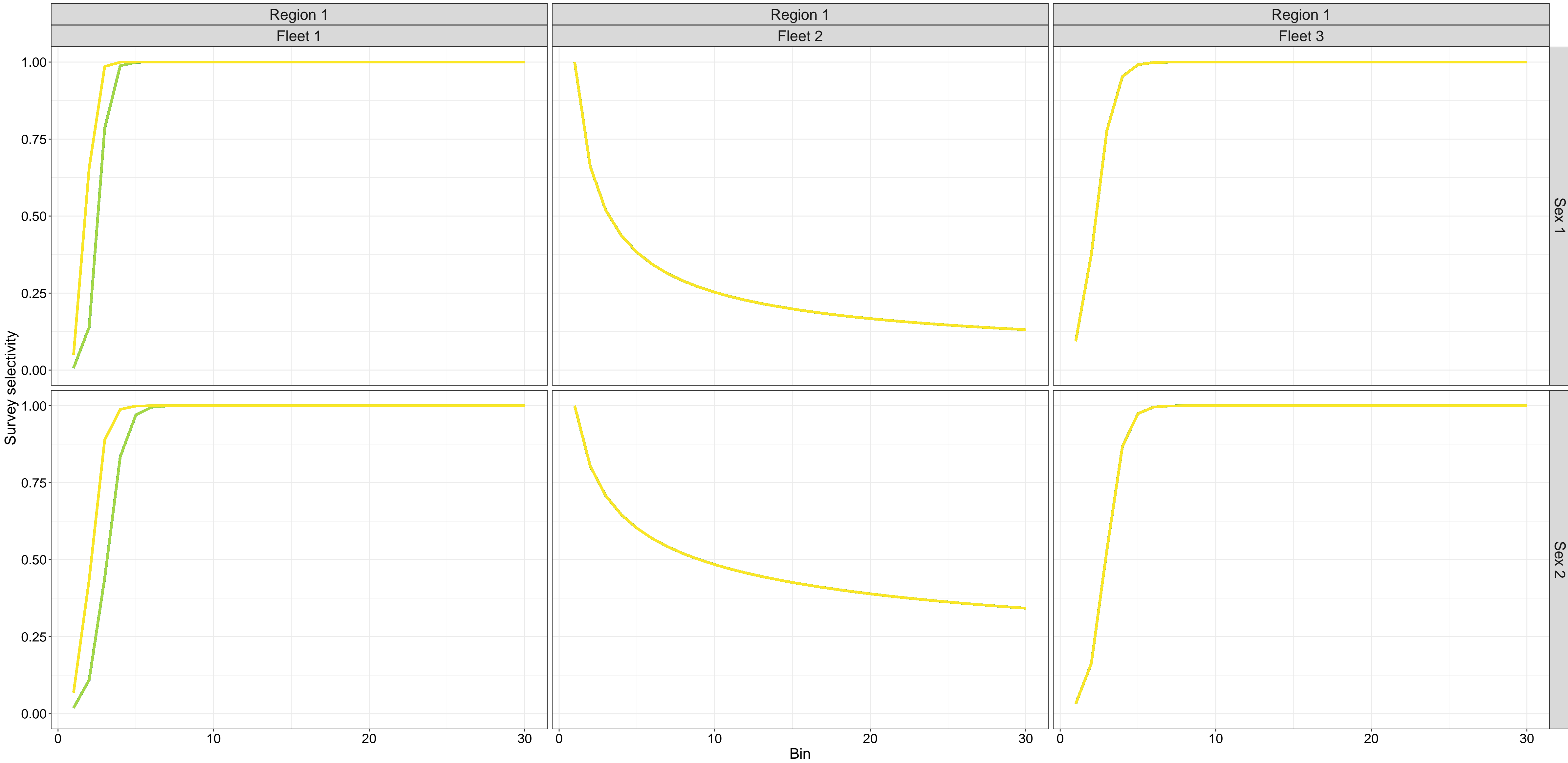
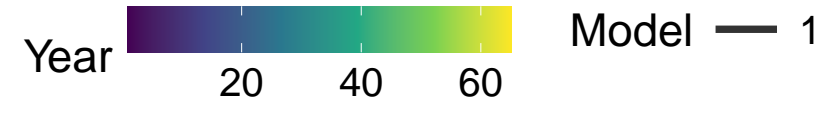


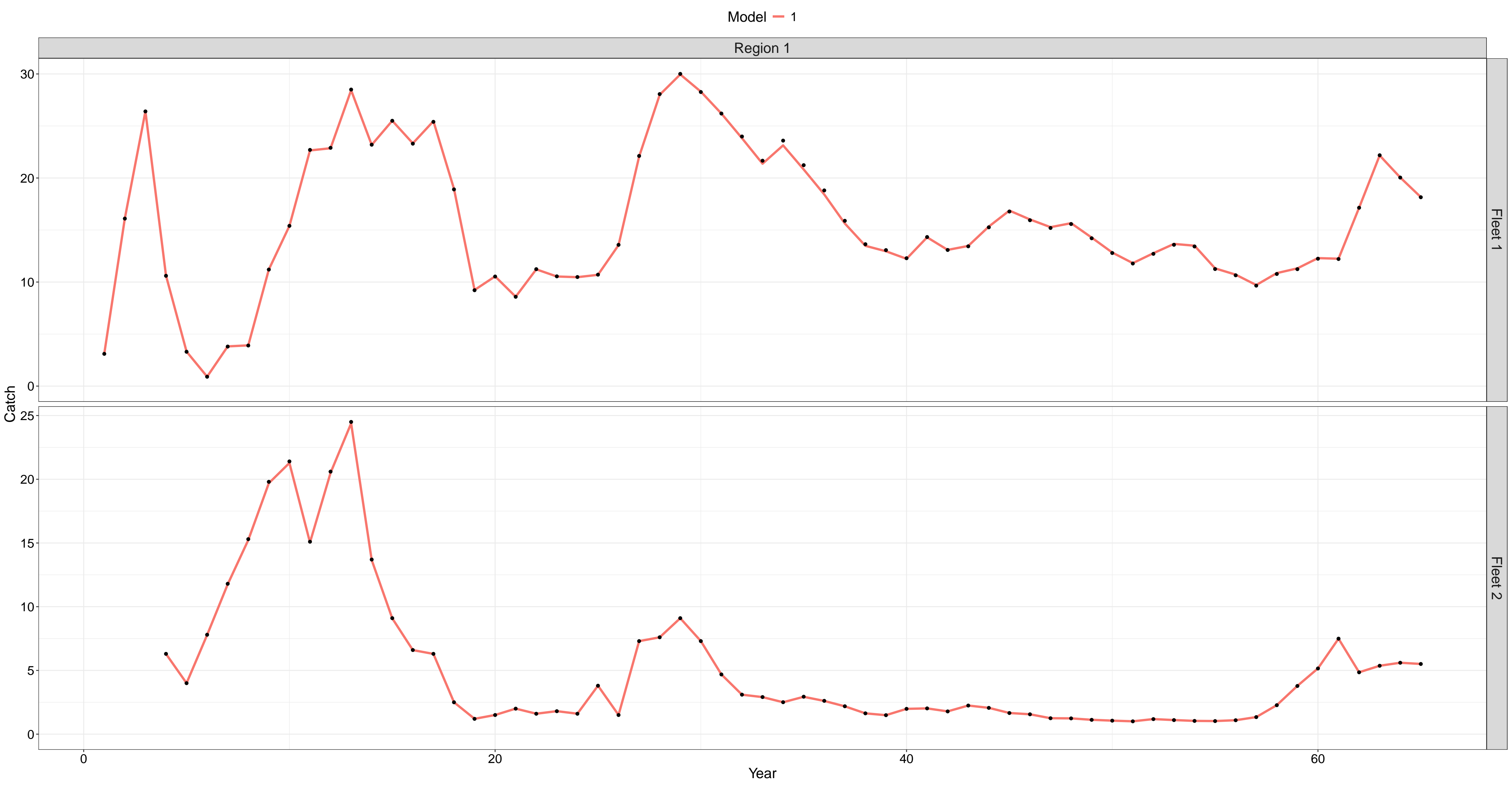
# Numbers-at-Age

Sex — Female — Male



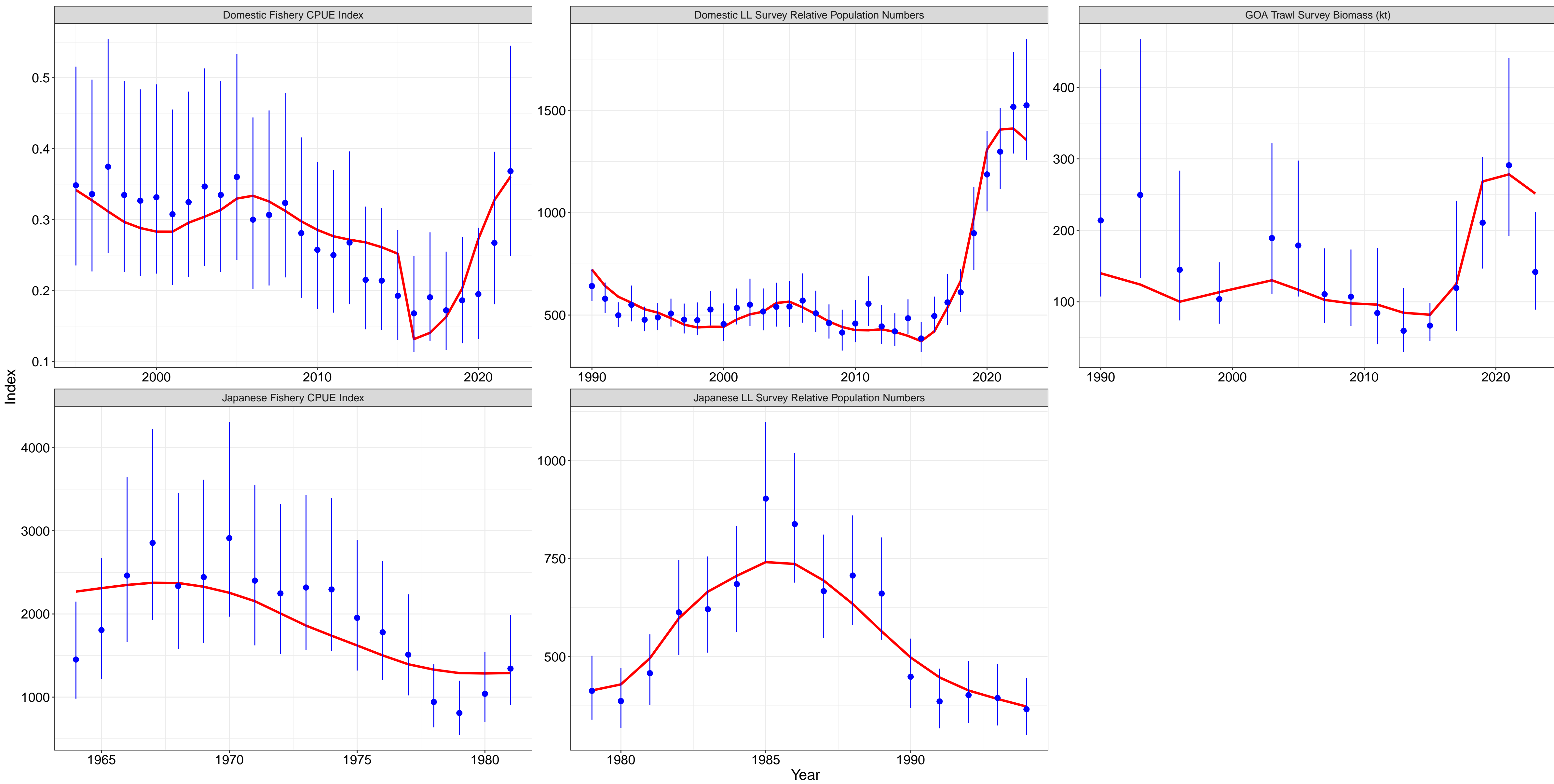




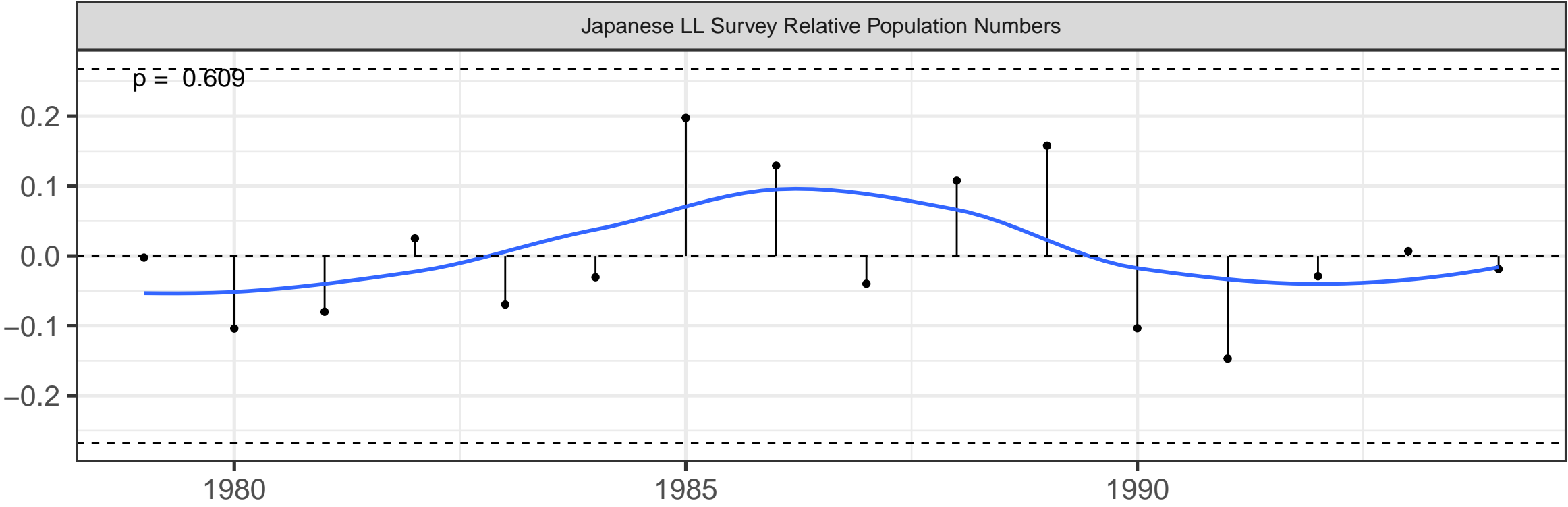
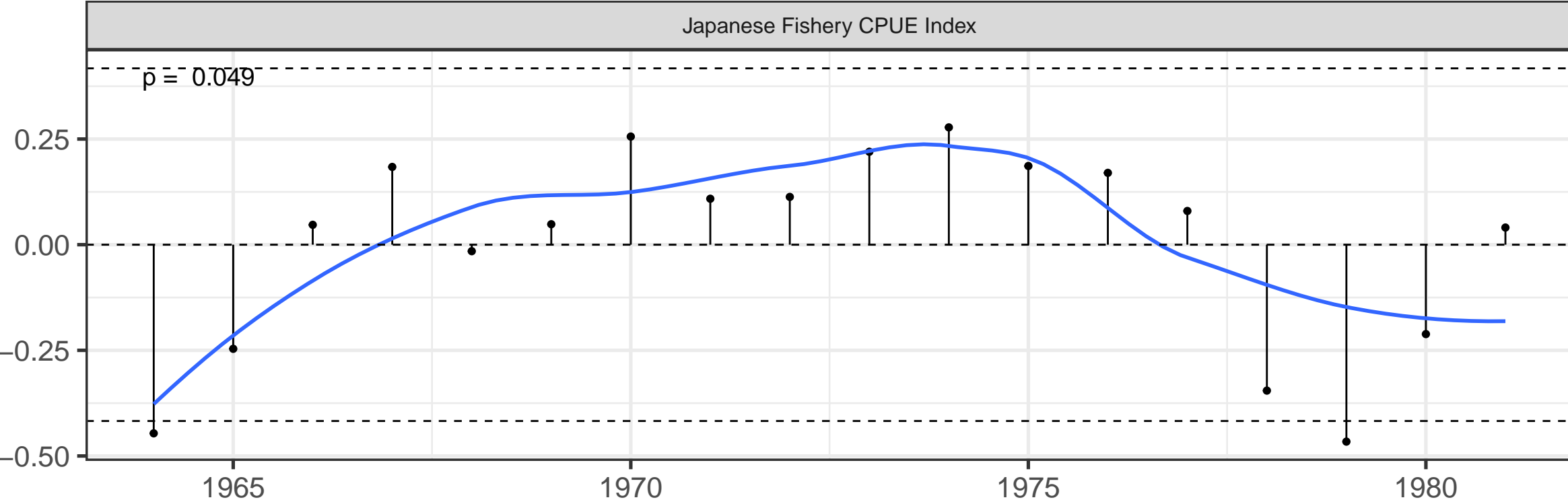
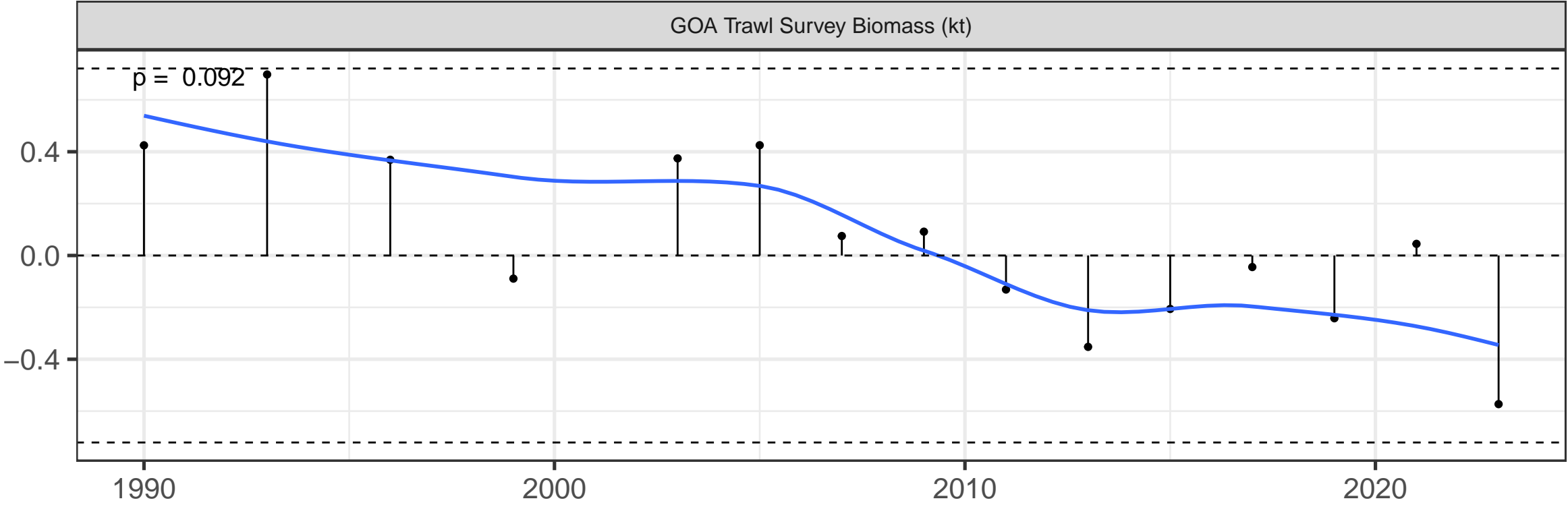
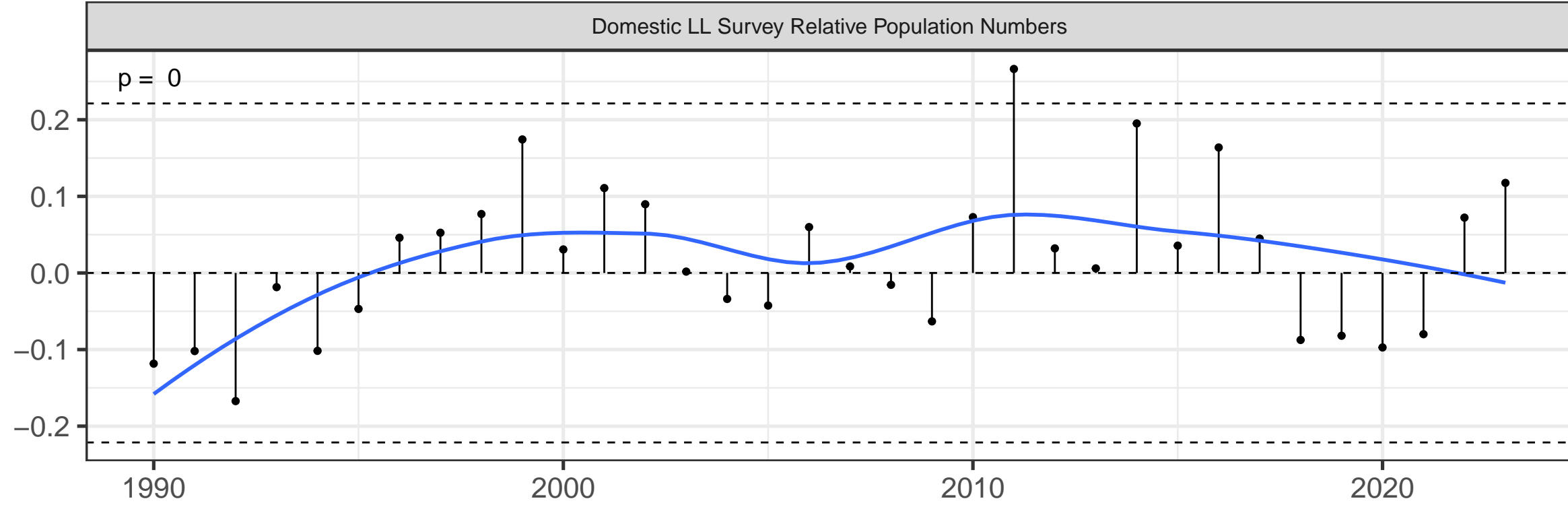
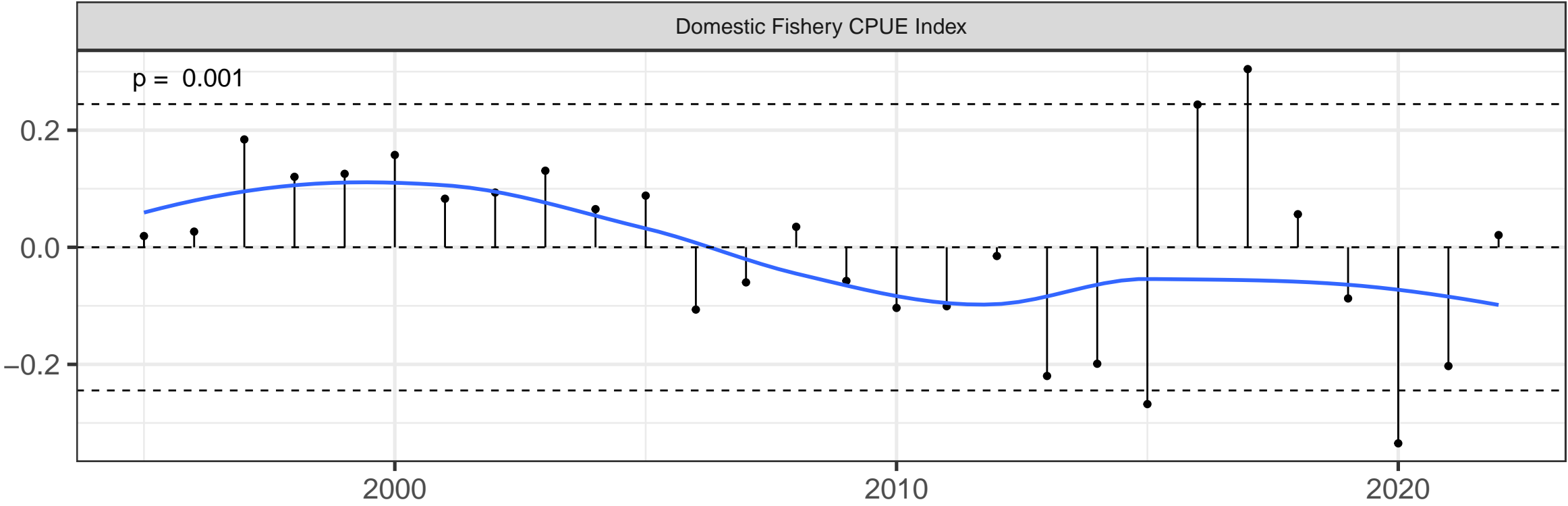




# Index Fits

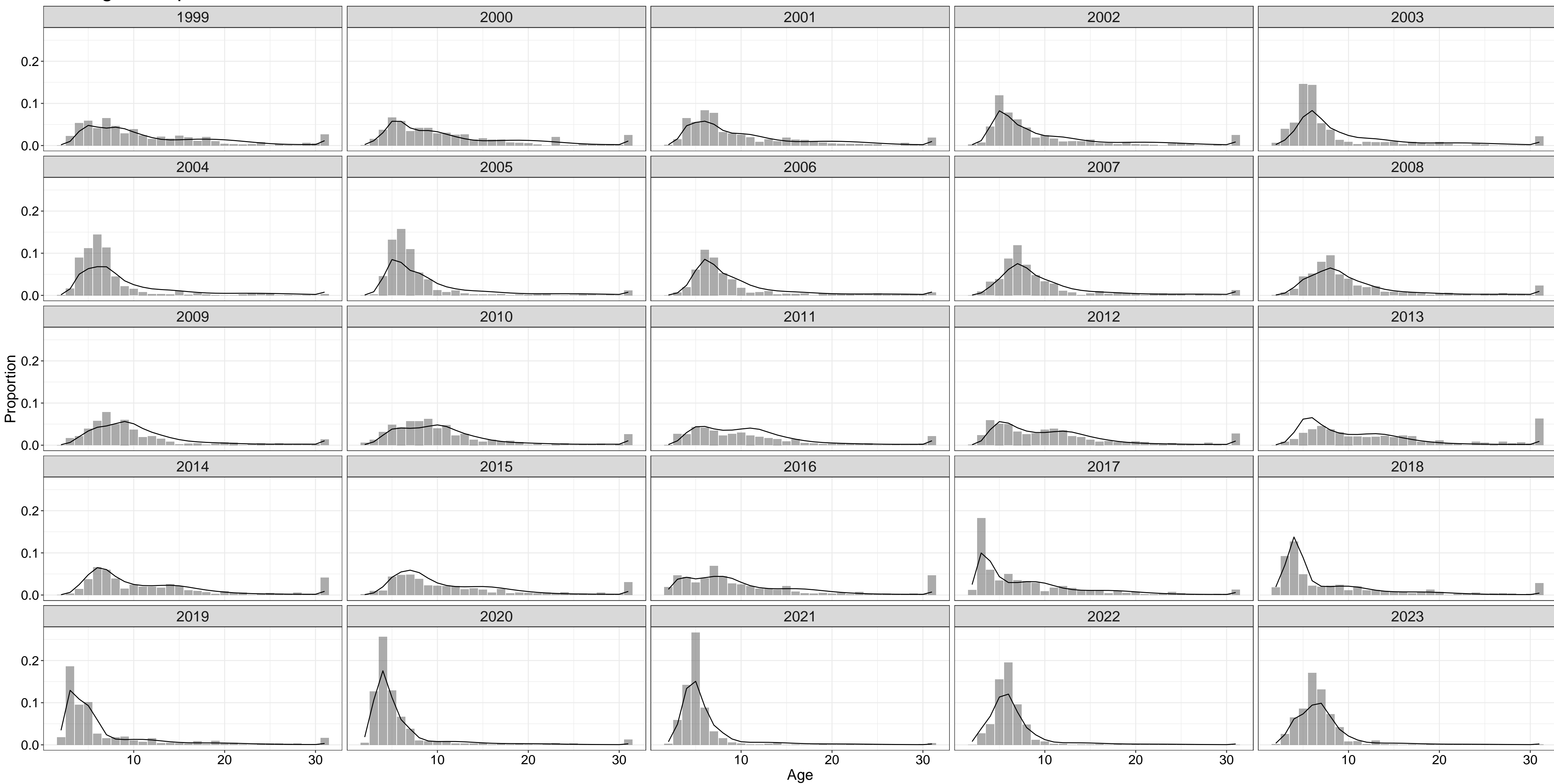


# Index Residuals Runs Test

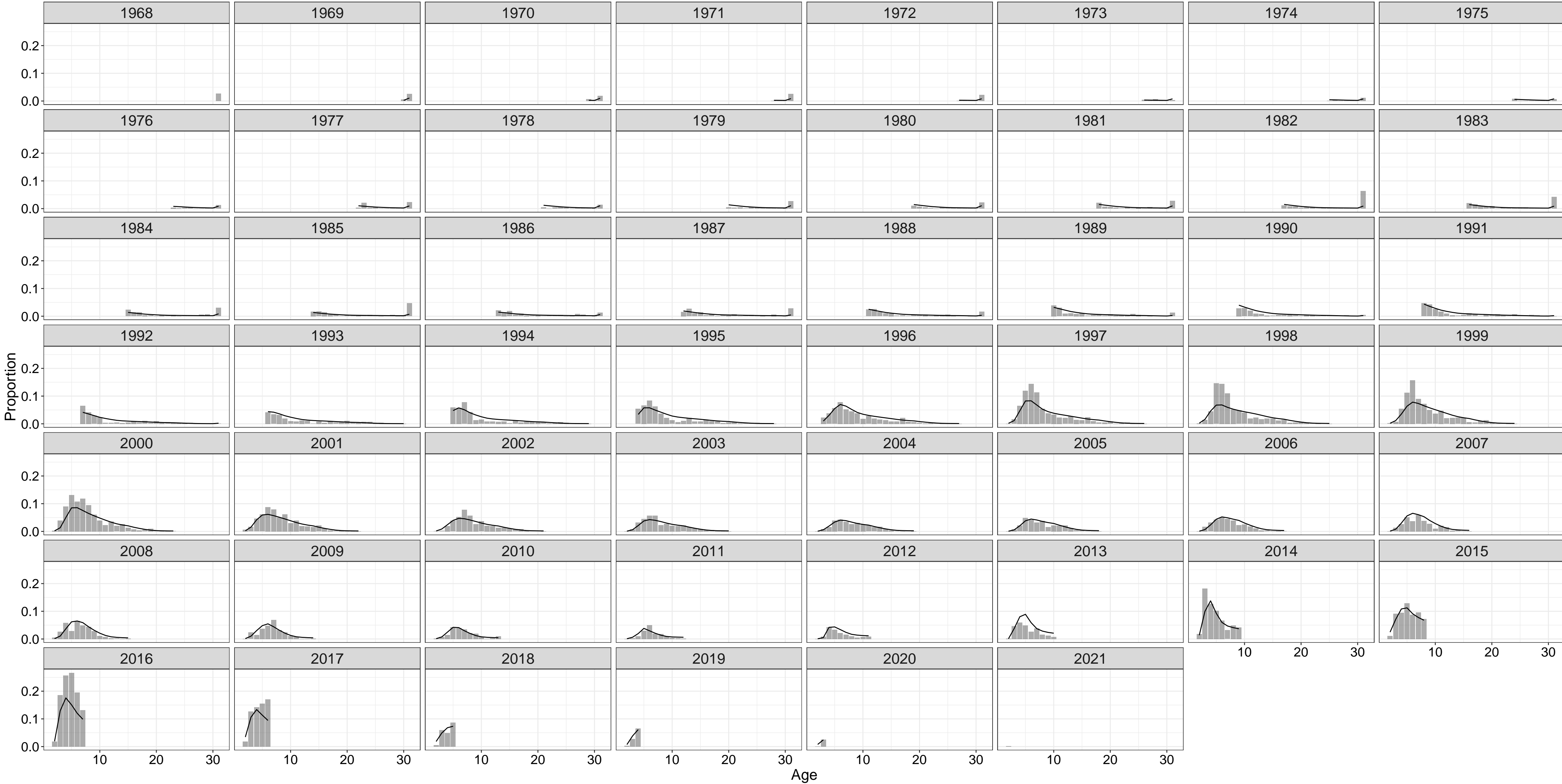


Year

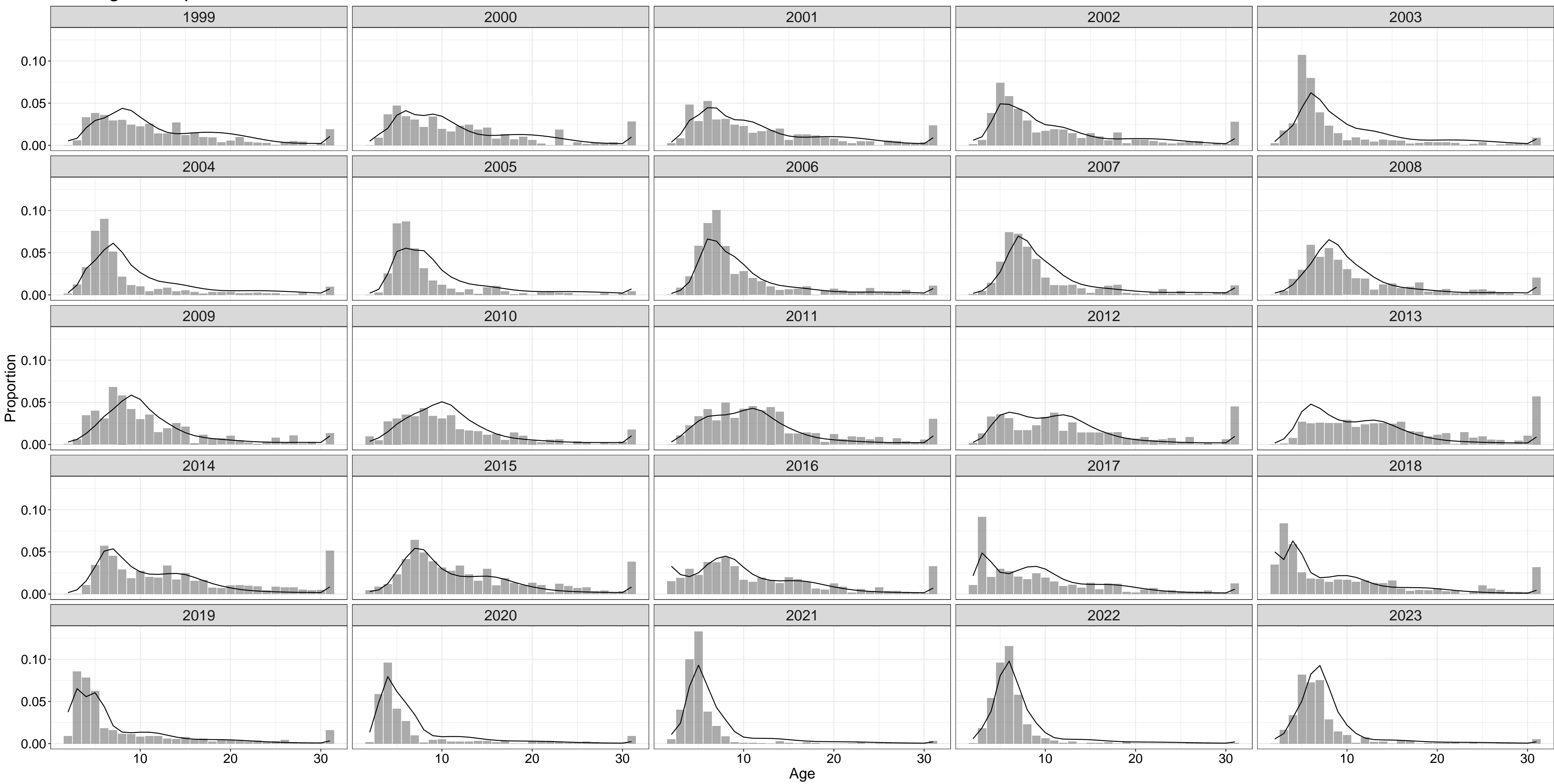
# LLF Age Comps Female



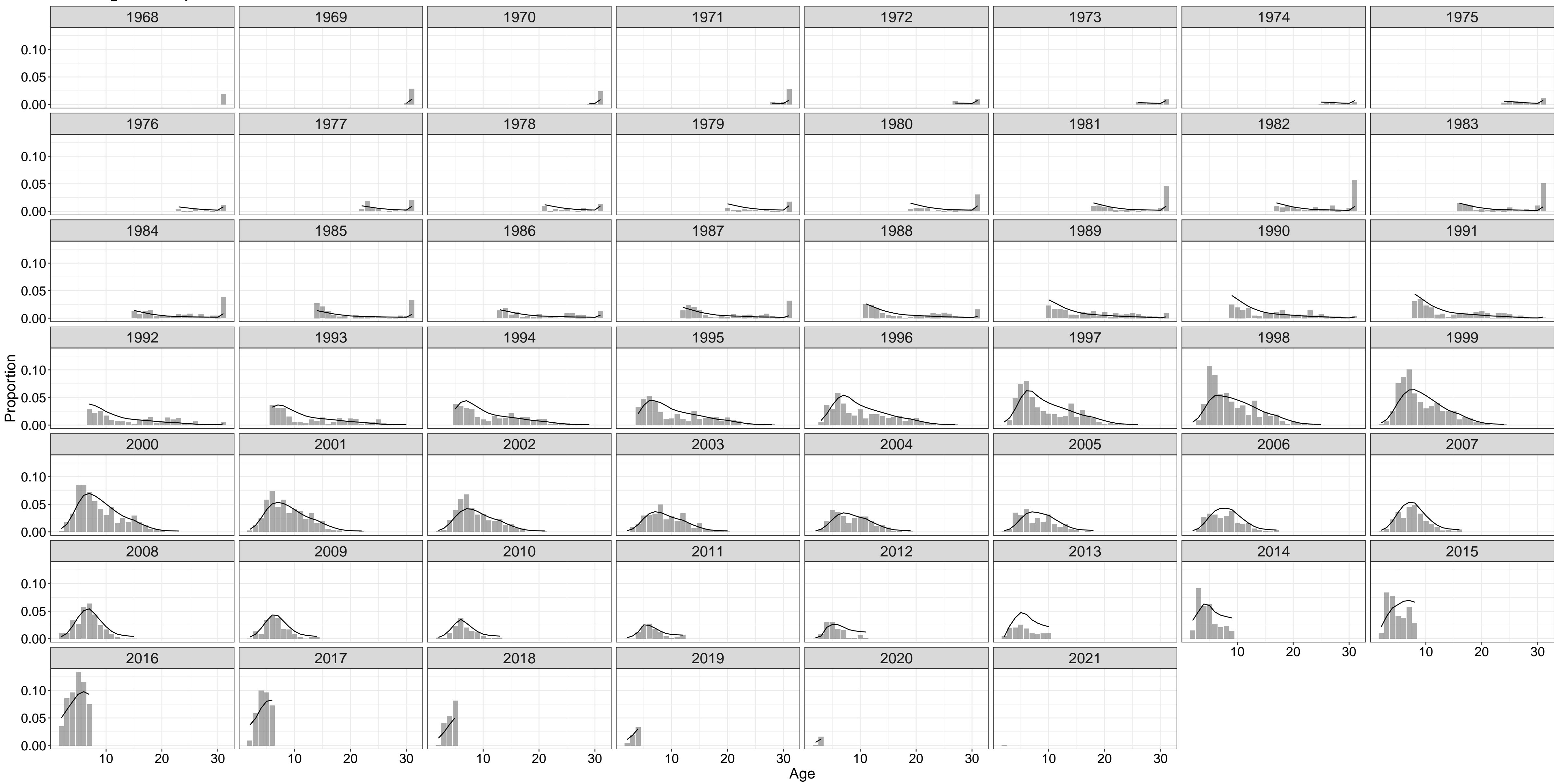
LLF Age Comps Cohort Fits Female



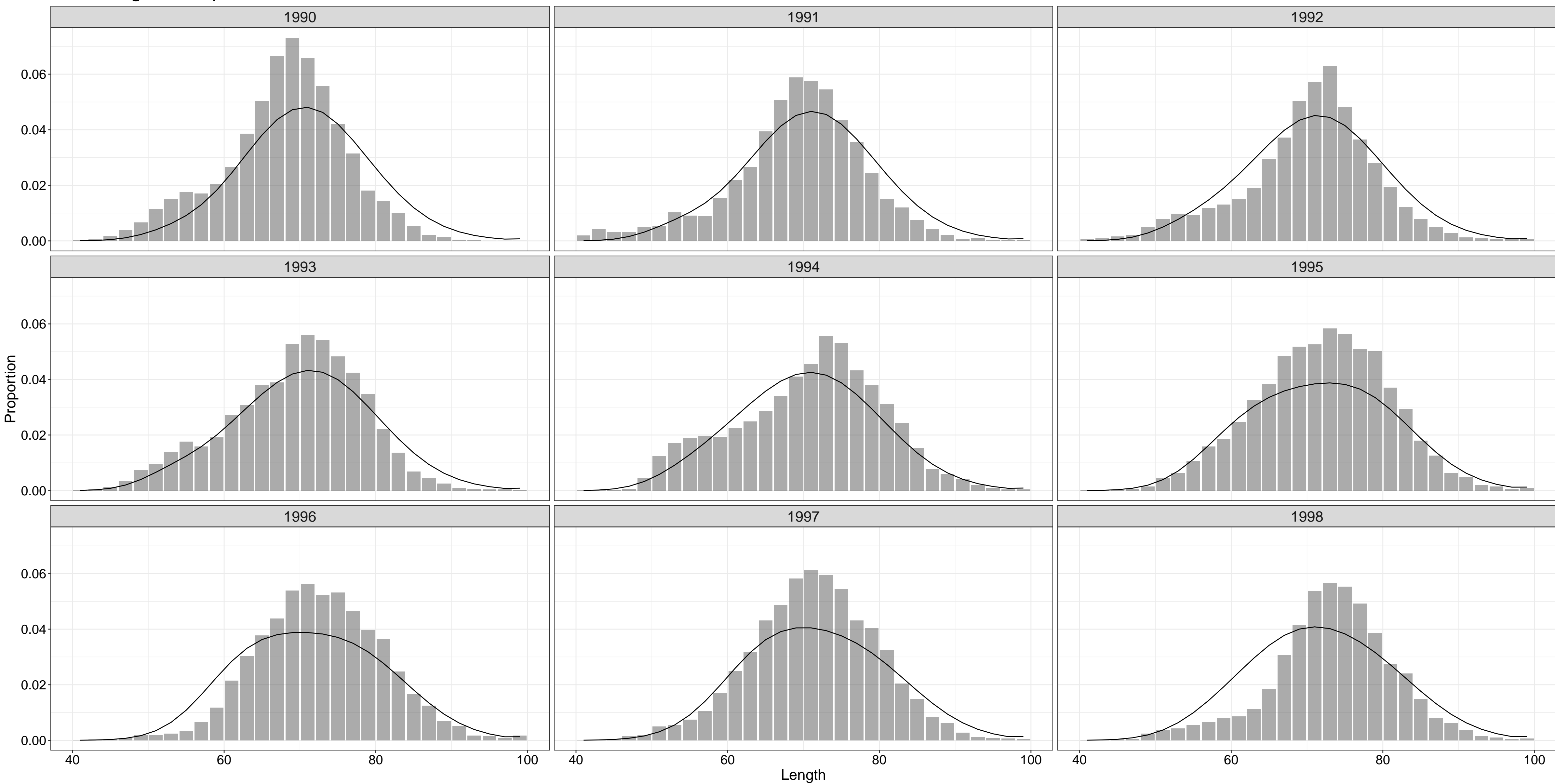
# LLF Age Comps Male



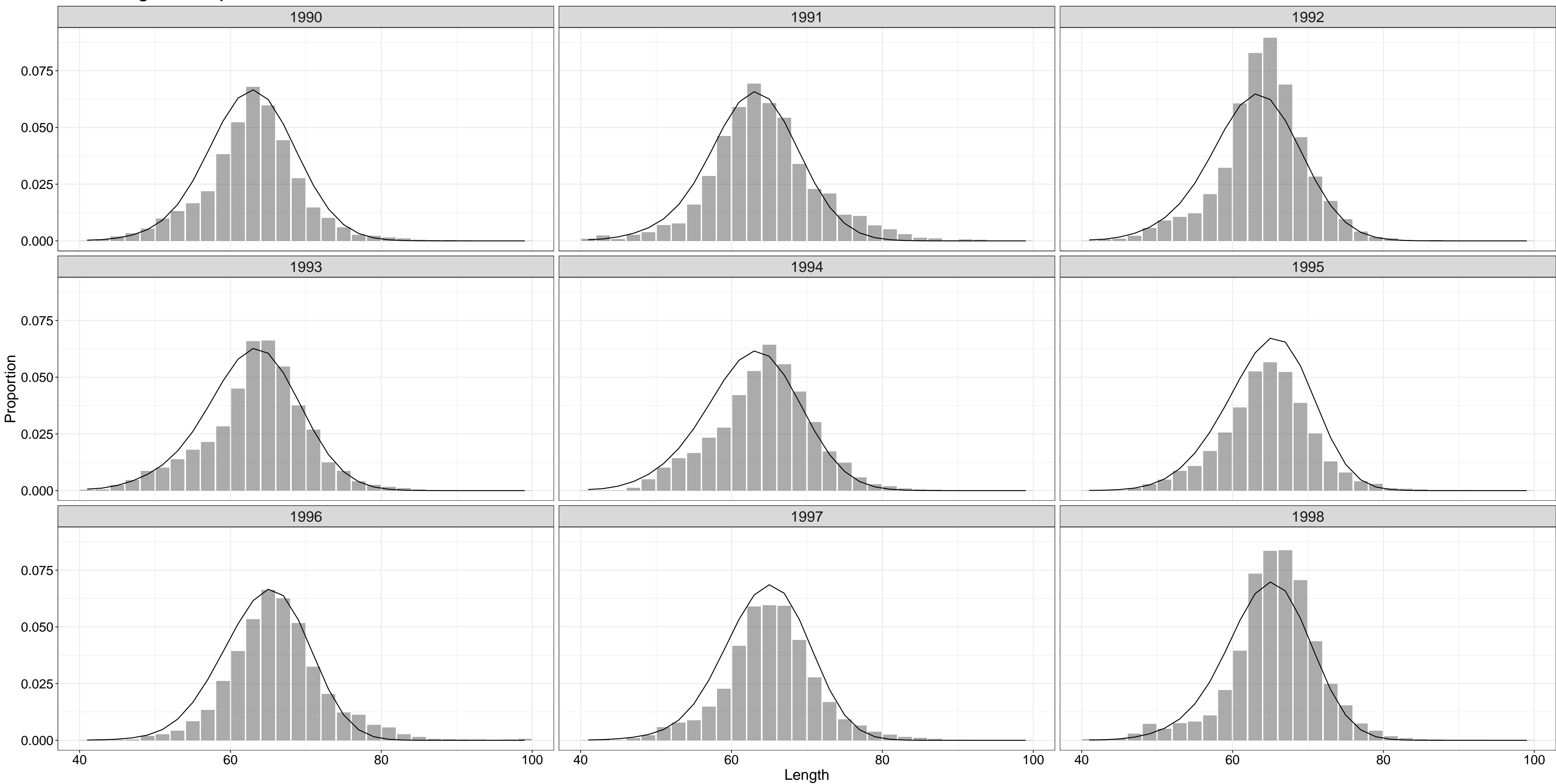
LLF Age Comps Cohort Fits Male



# LLF Length Comps Female

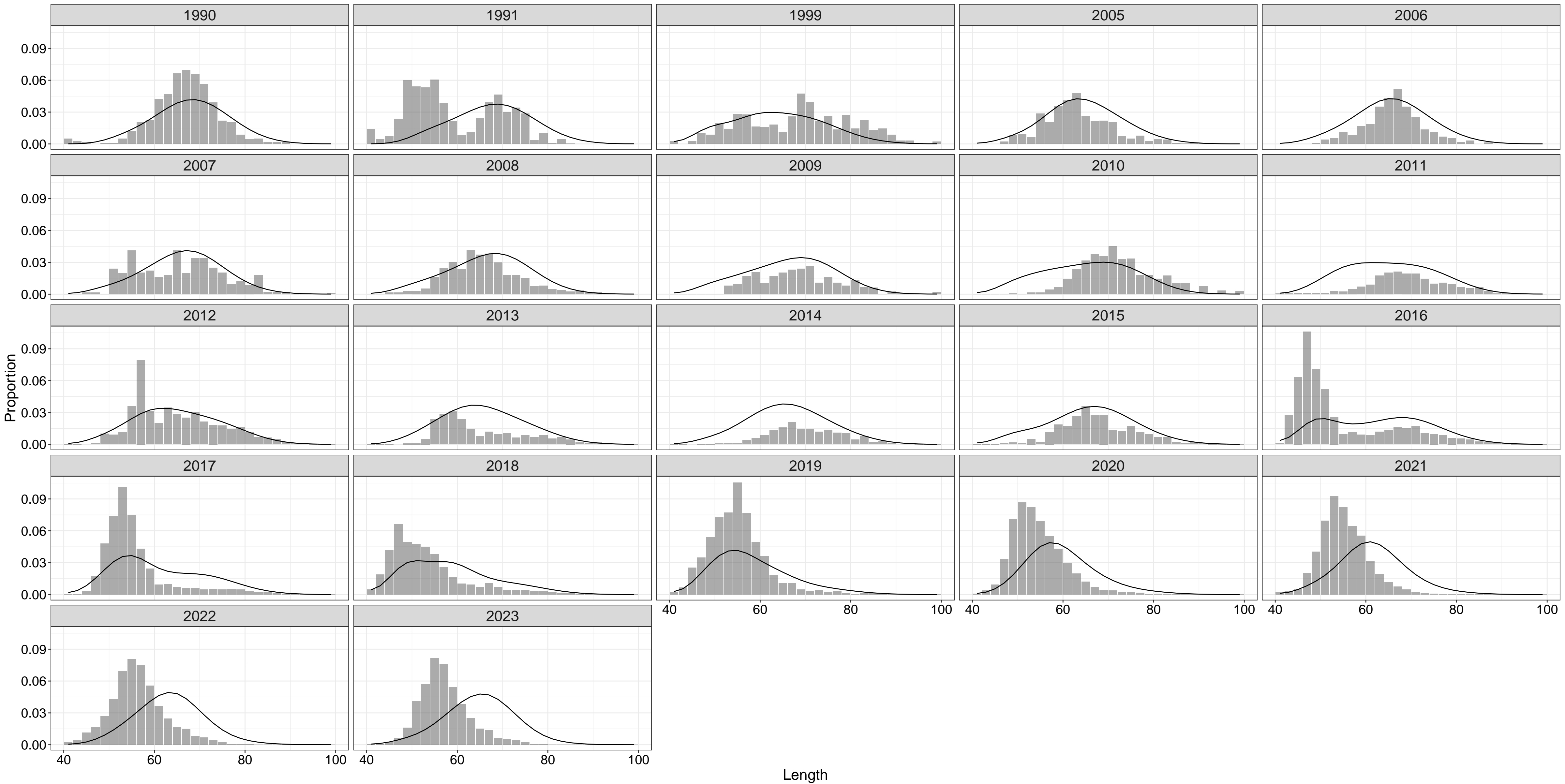


# LLF Length Comps Male

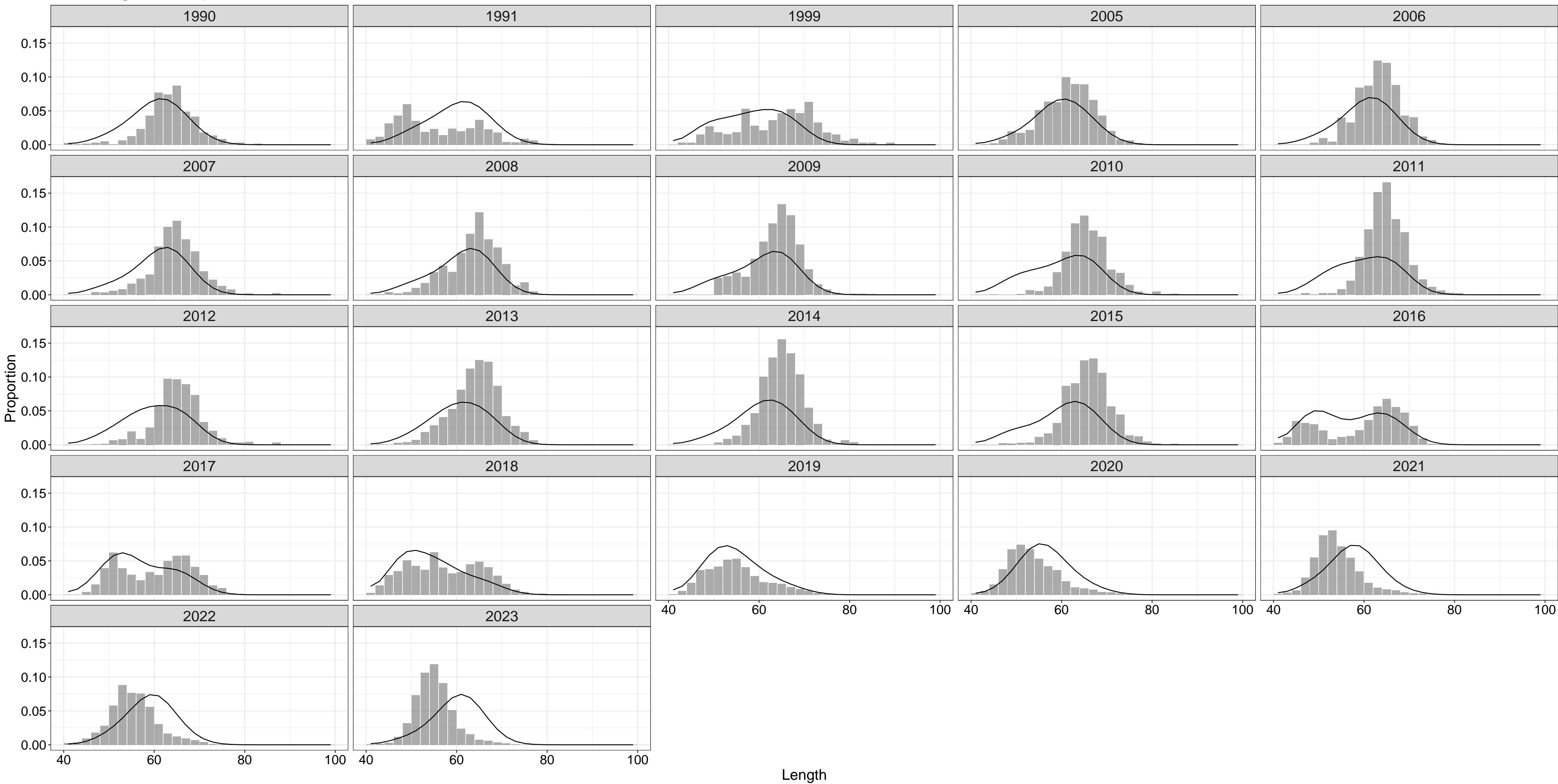




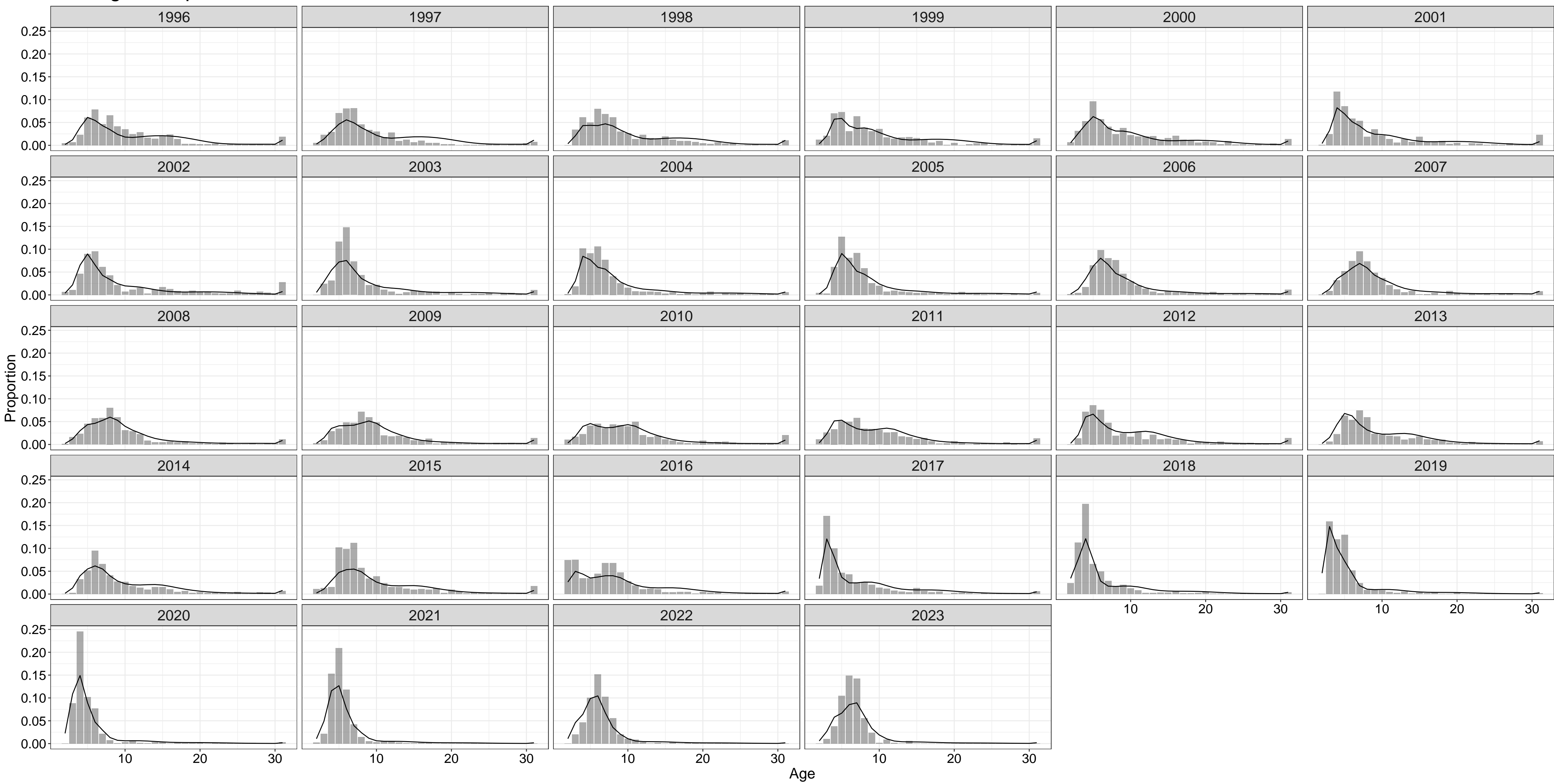
# TF Length Comps Female



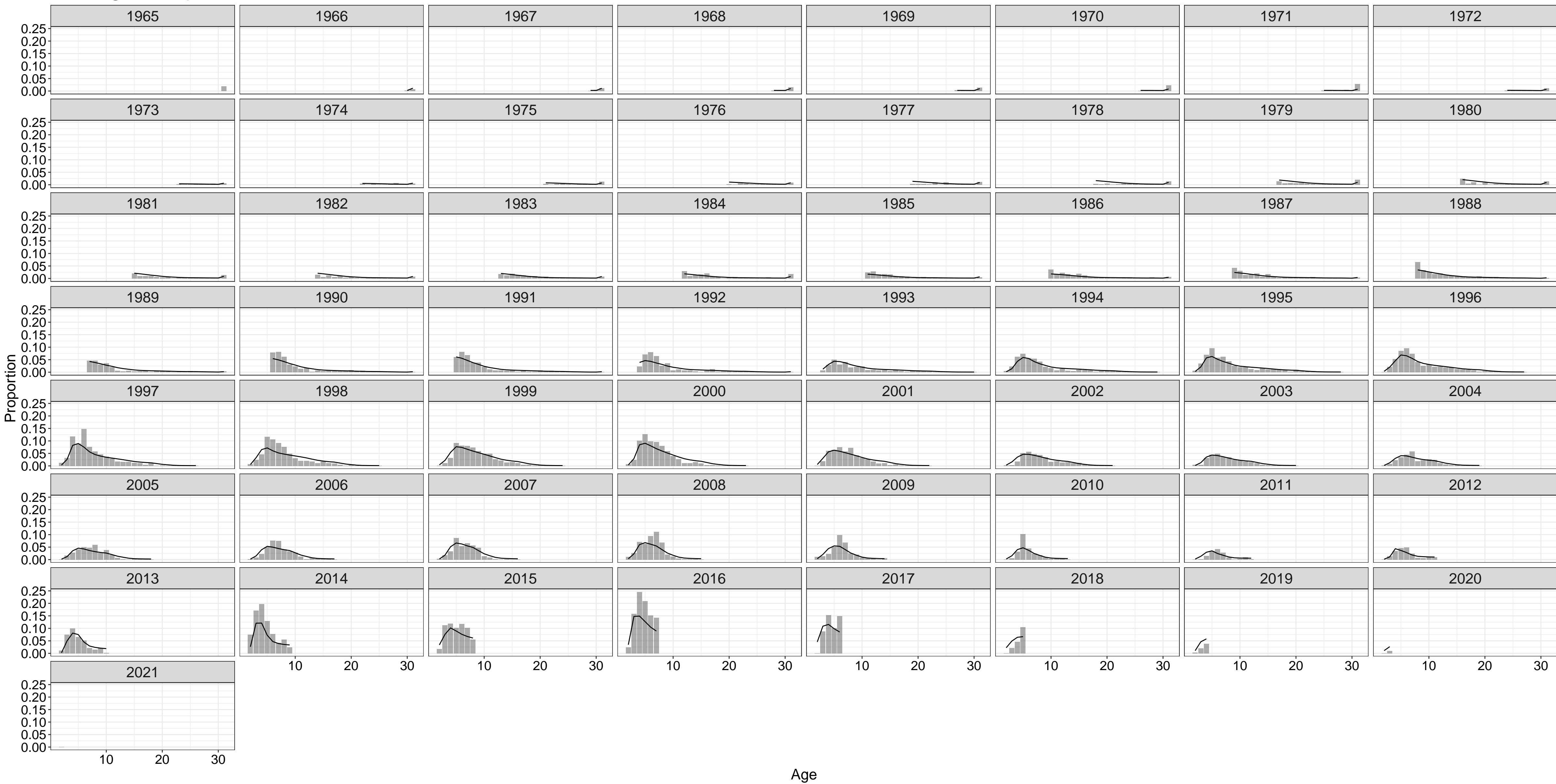
# TF Length Comps Male



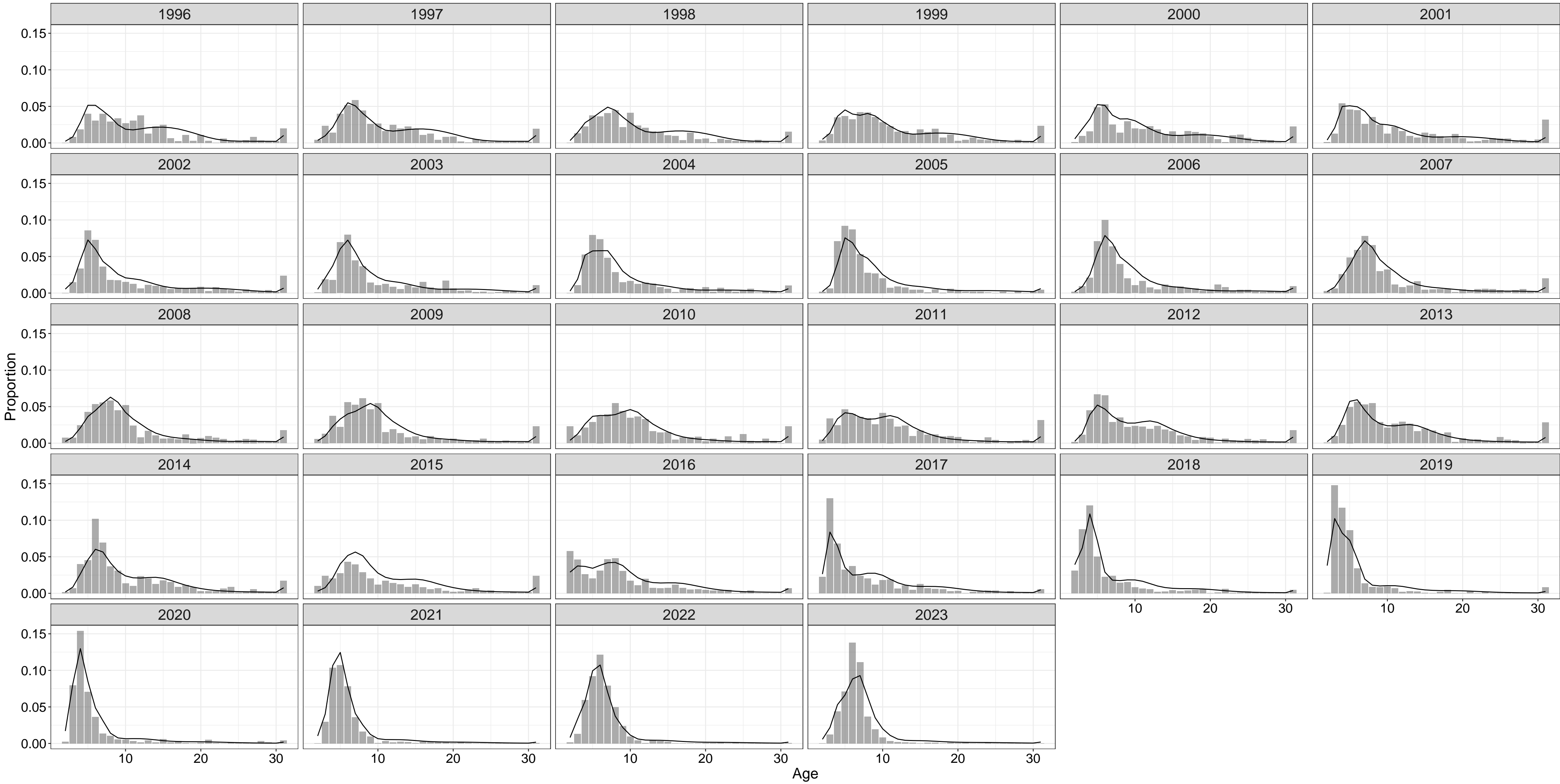
# LLS Age Comps Female



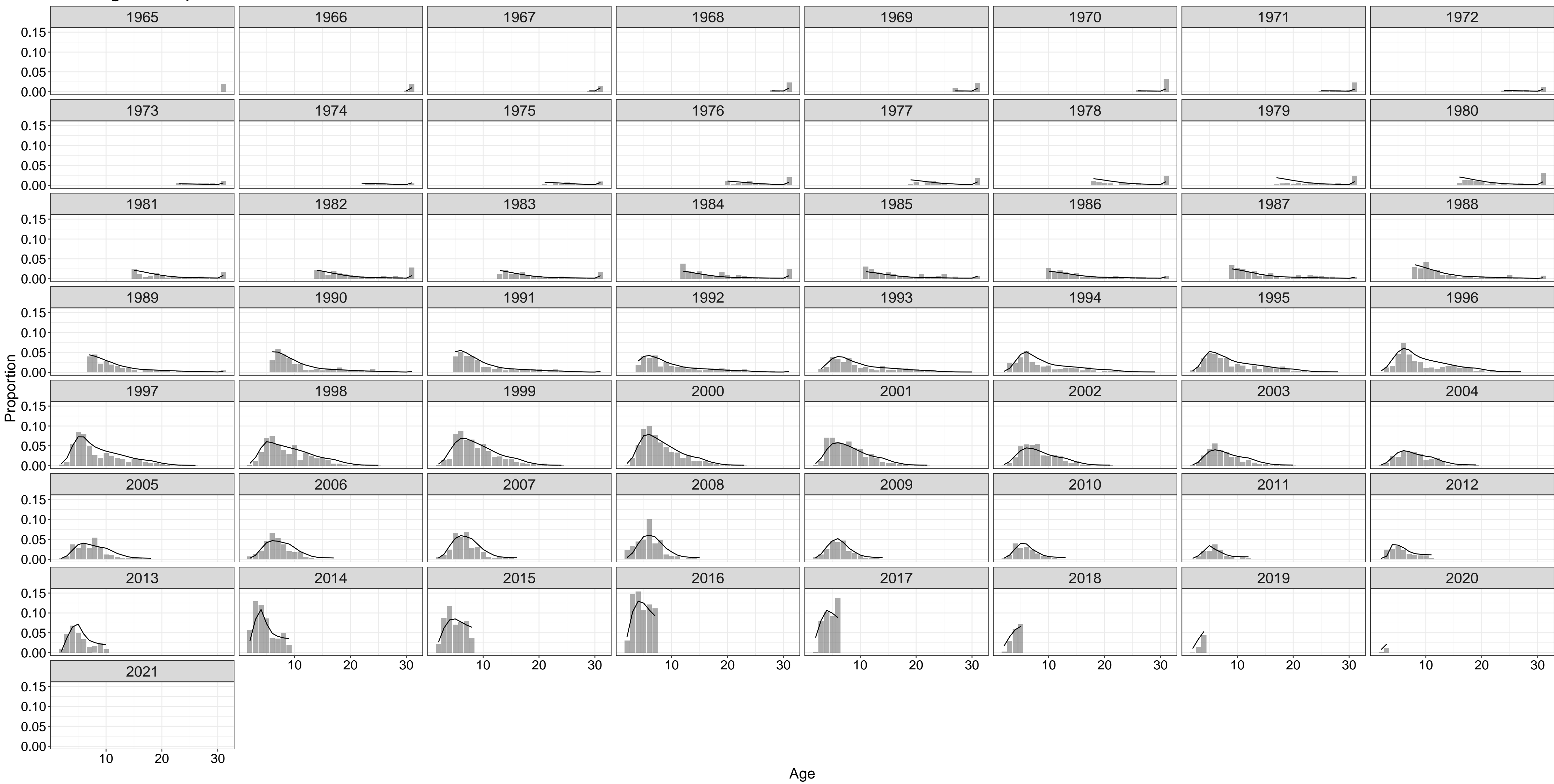
# LLS Age Comps Cohort Fit Female



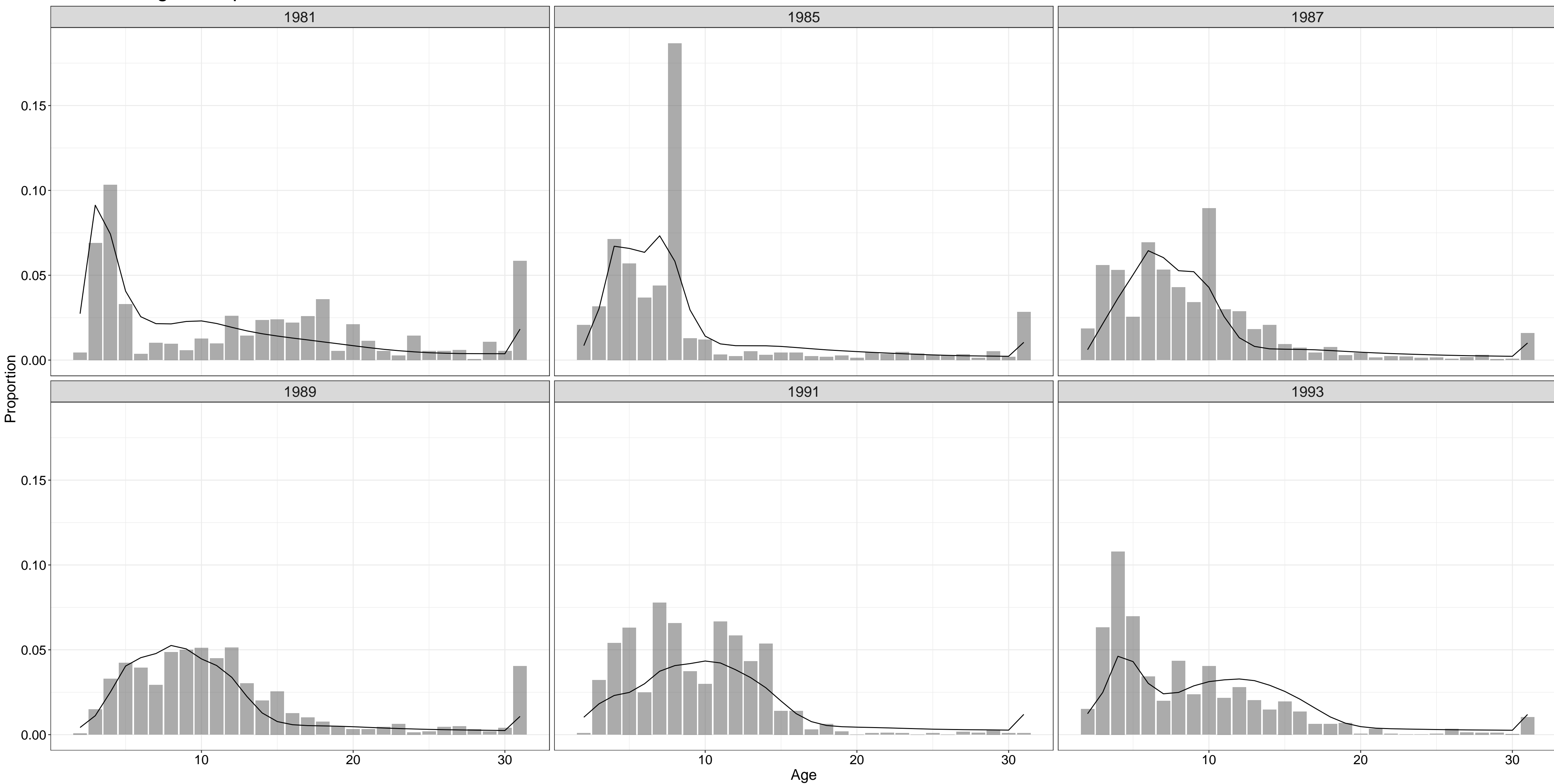
# LLS Age Comps Male



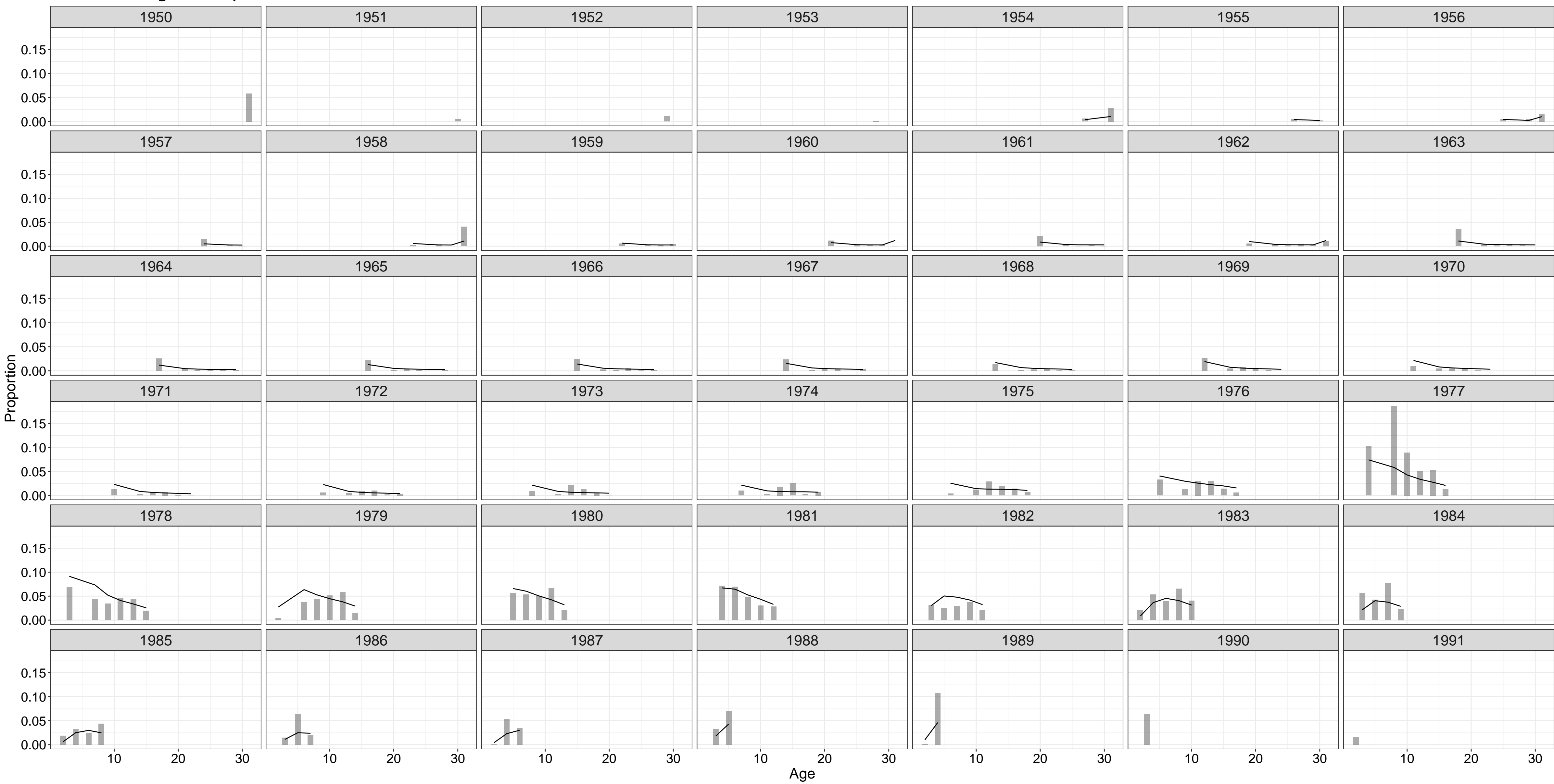
# LLS Age Comps Cohort Fit Male



# JPN LLS Age Comps Female

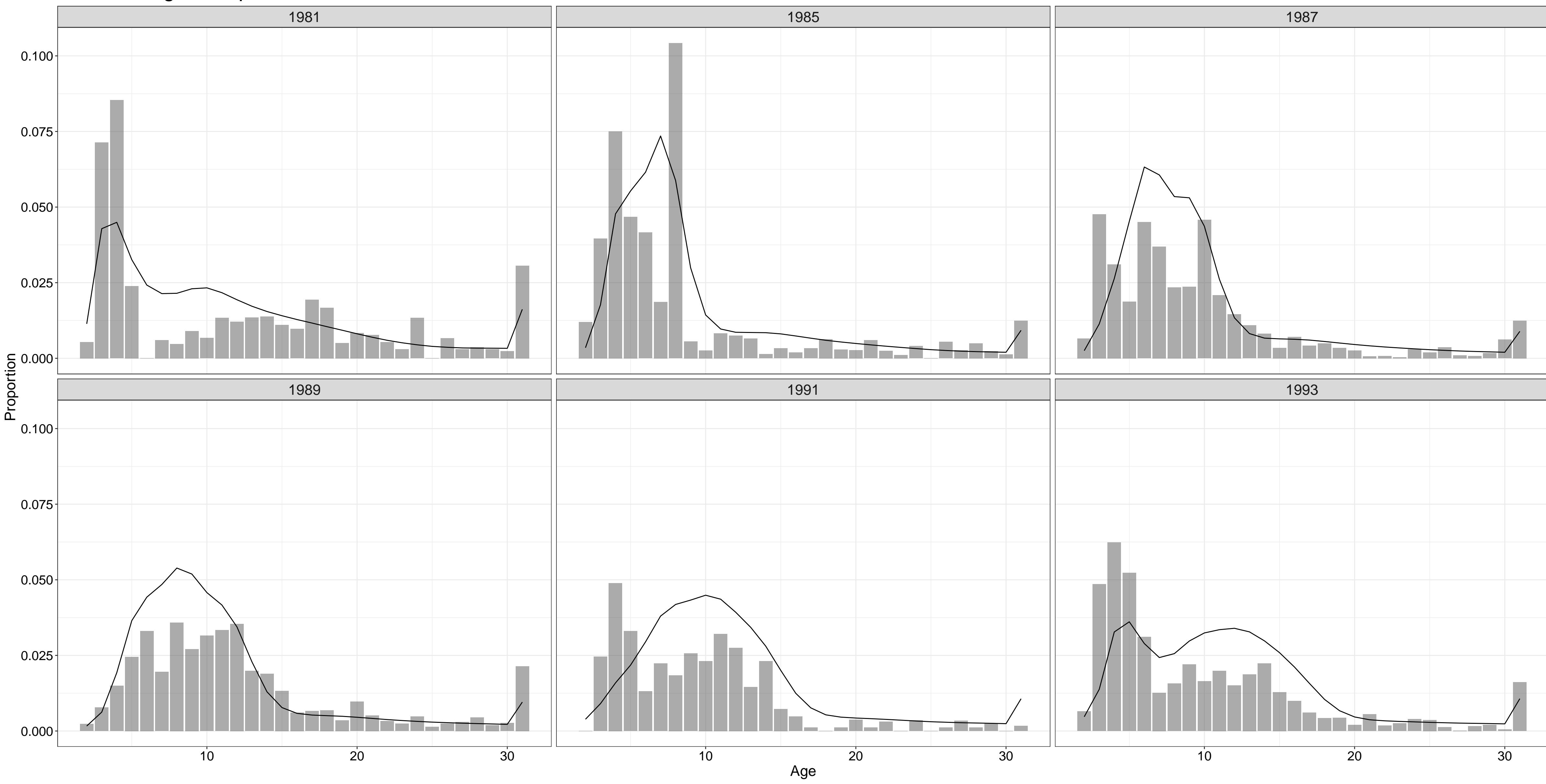


JPN LLS Age Comps Cohort Fit Female

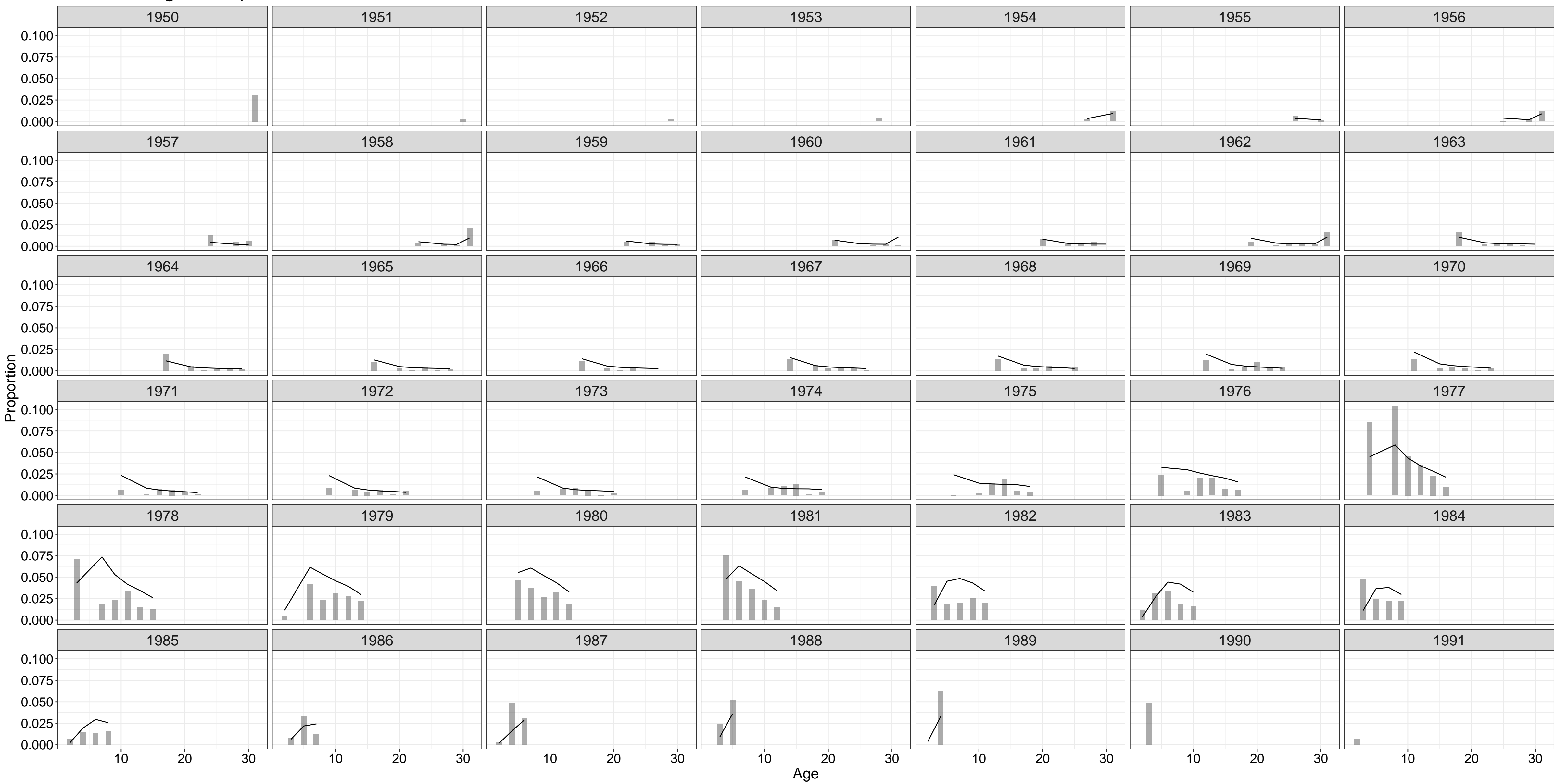




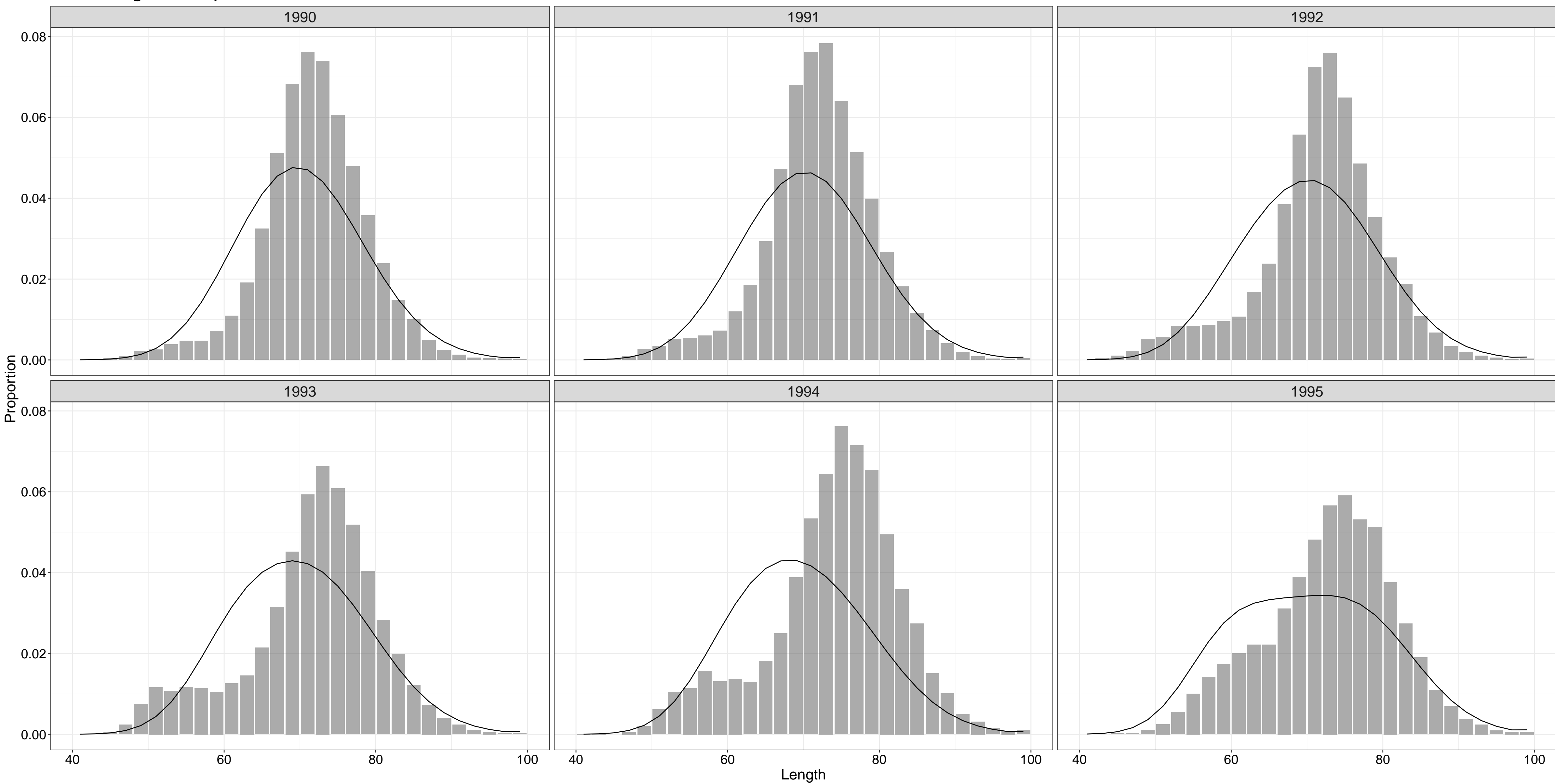
# JPN LLS Age Comps Male



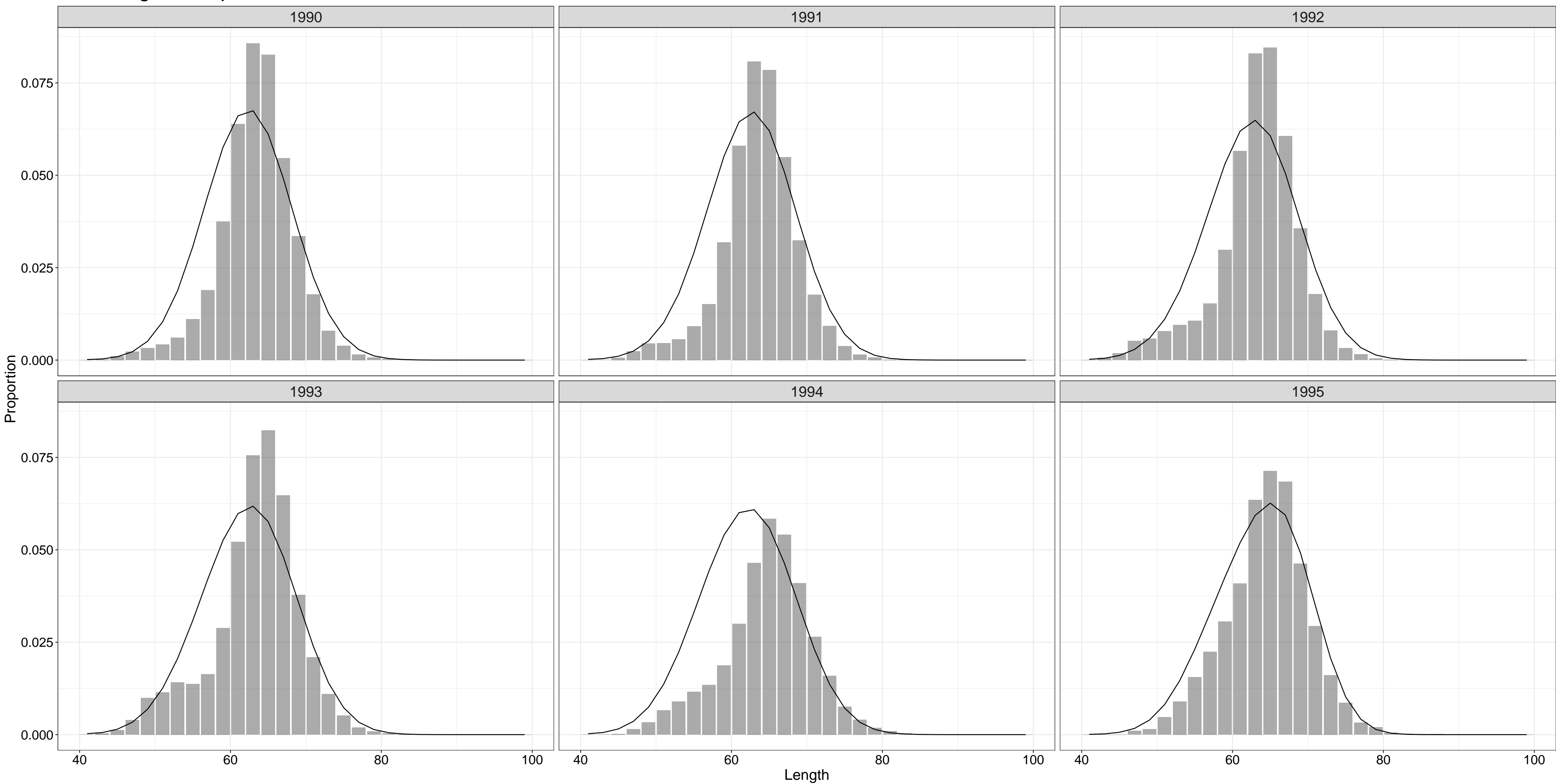
JPN LLS Age Comps Cohort Fit Male



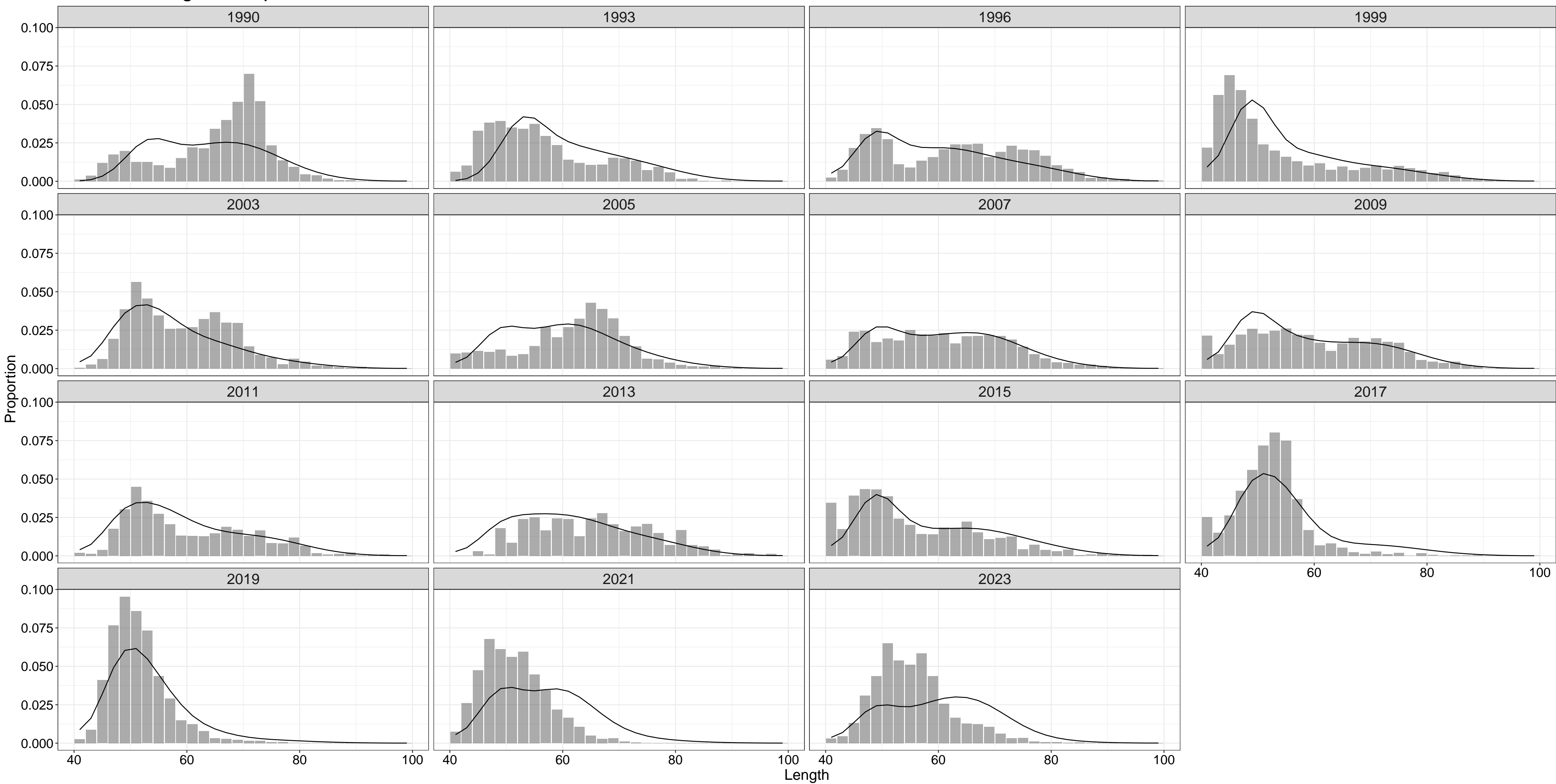
# LLS Length Comps Female



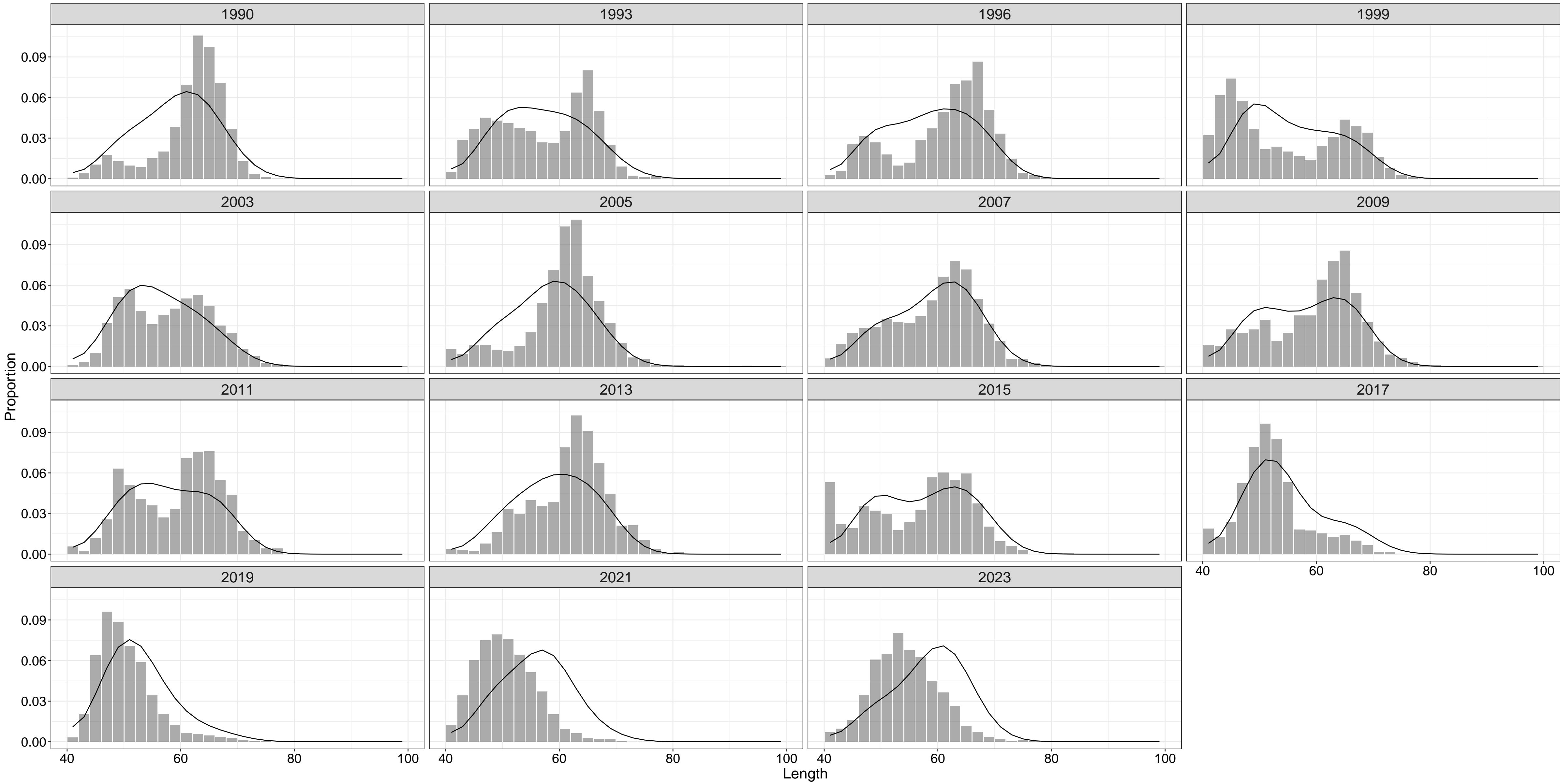
# LLS Length Comps Male



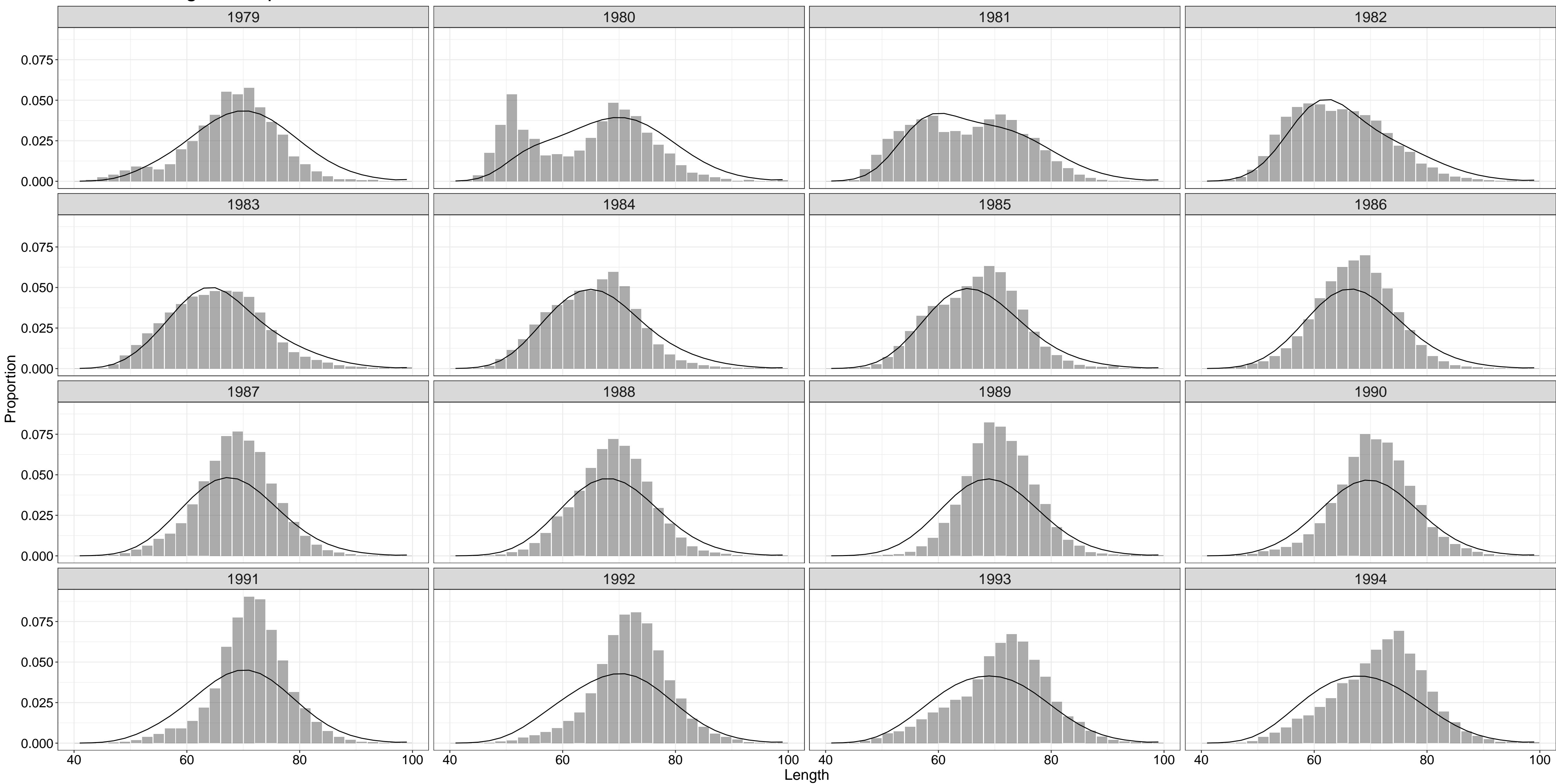
# GOA TS Length Comps Female



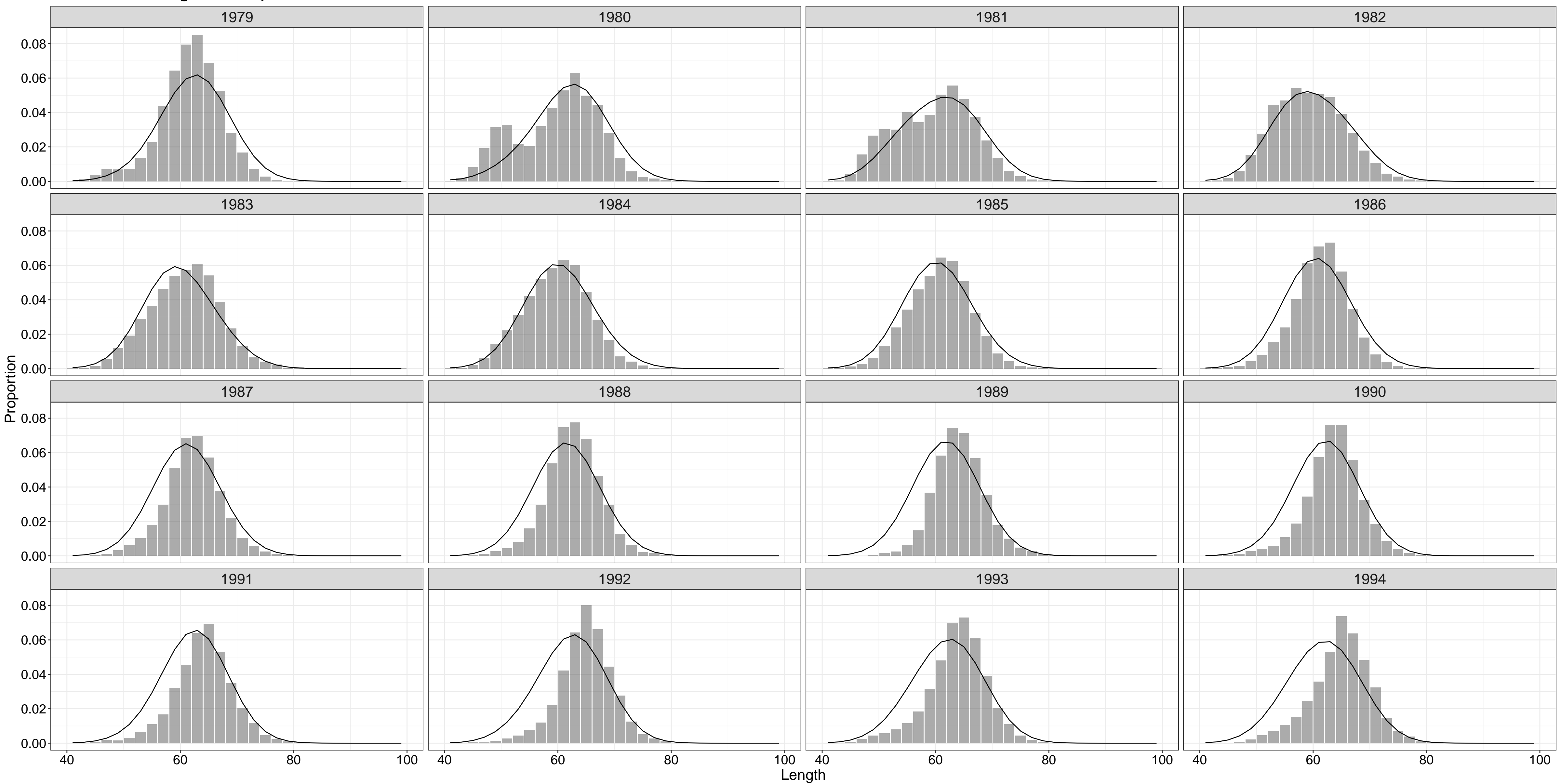
GOA TS Length Comps Male



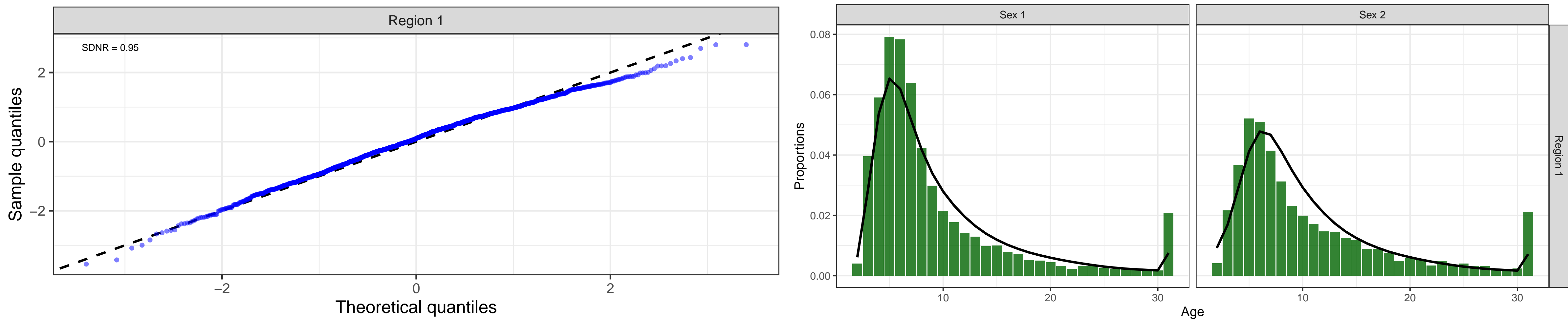
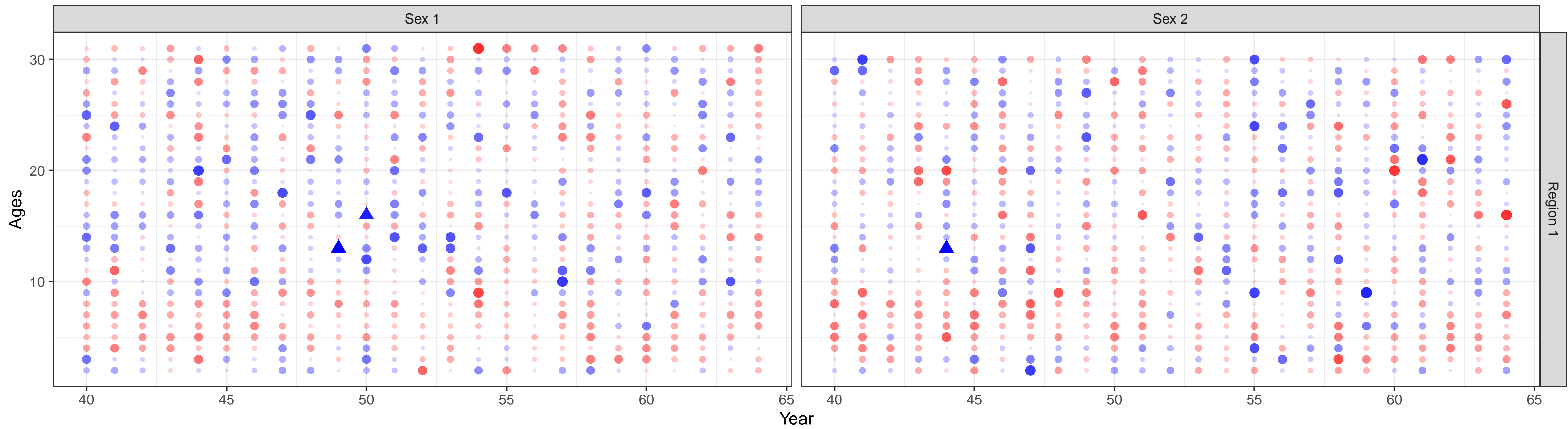
# JPN LLS Length Comps Female

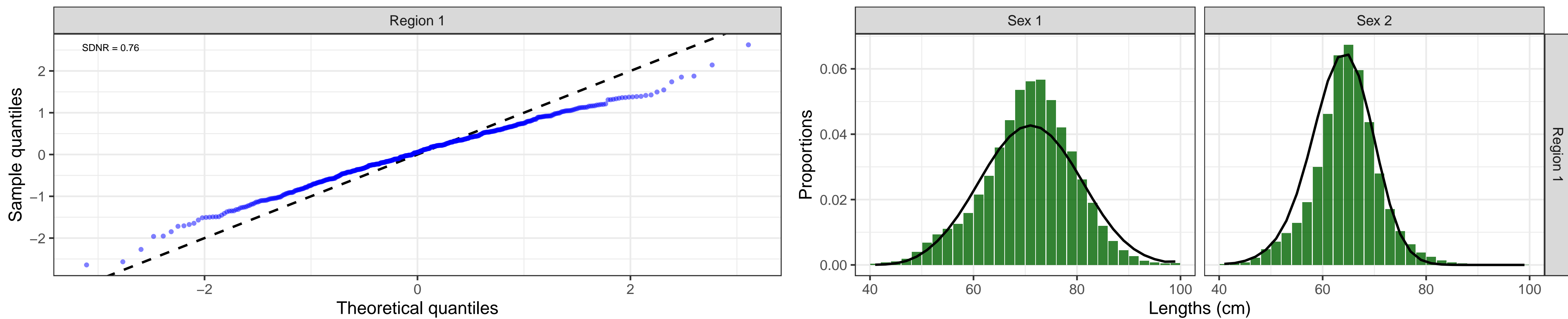
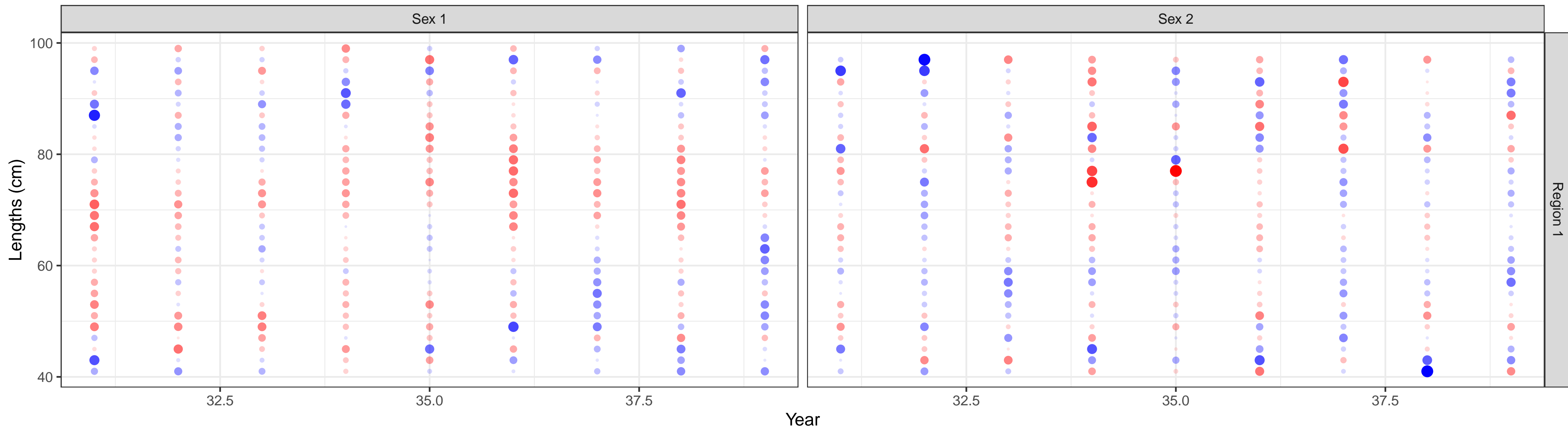


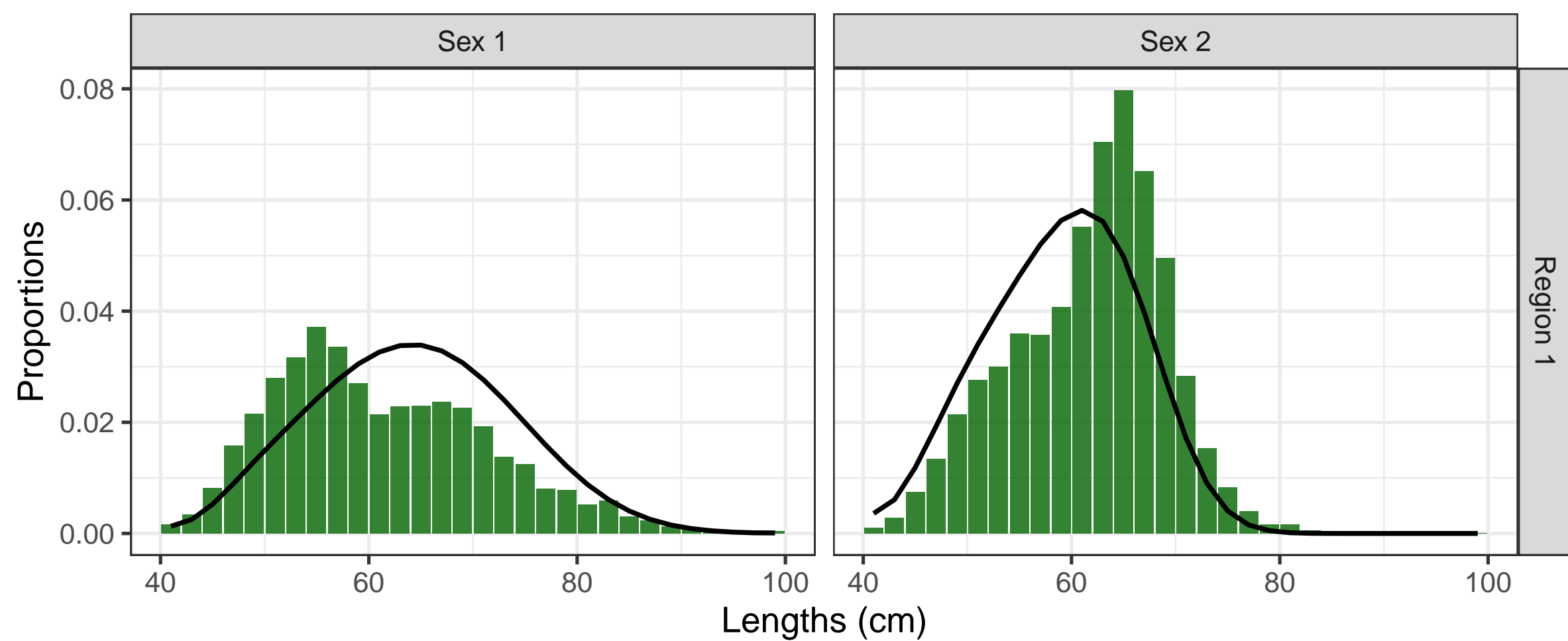
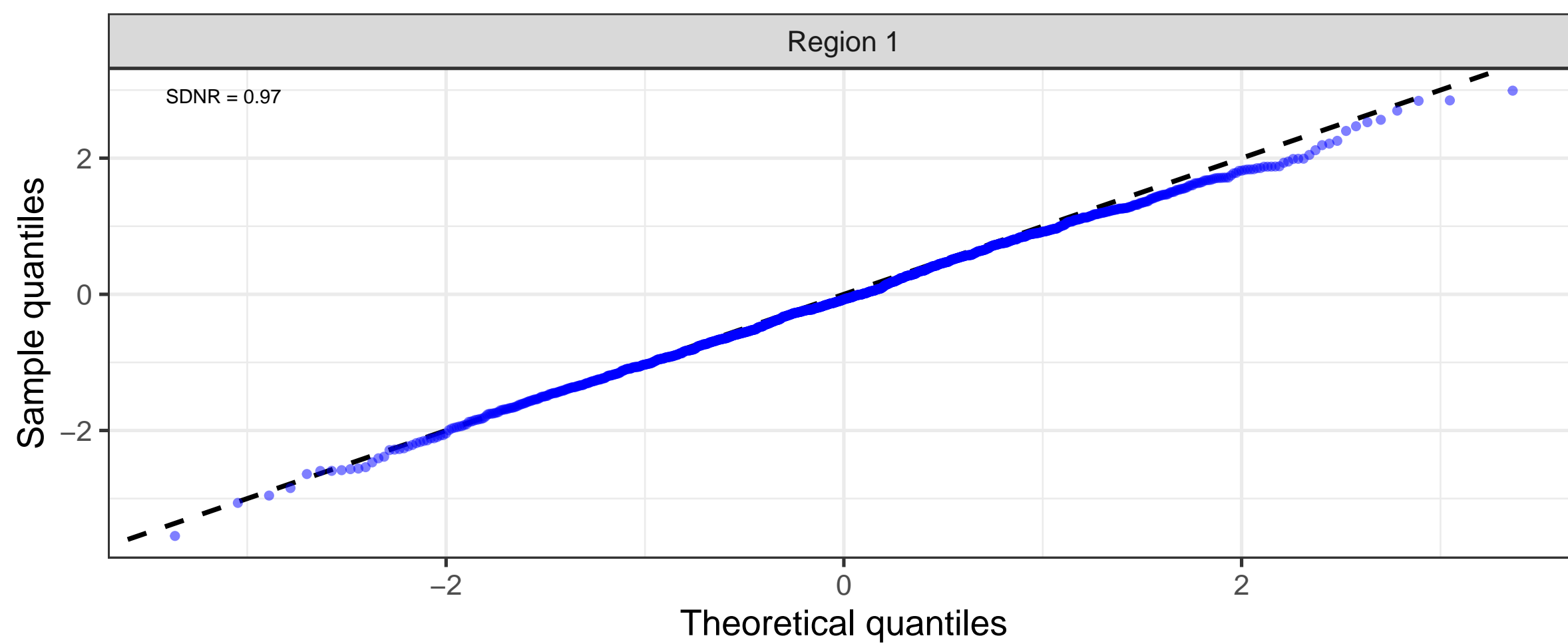
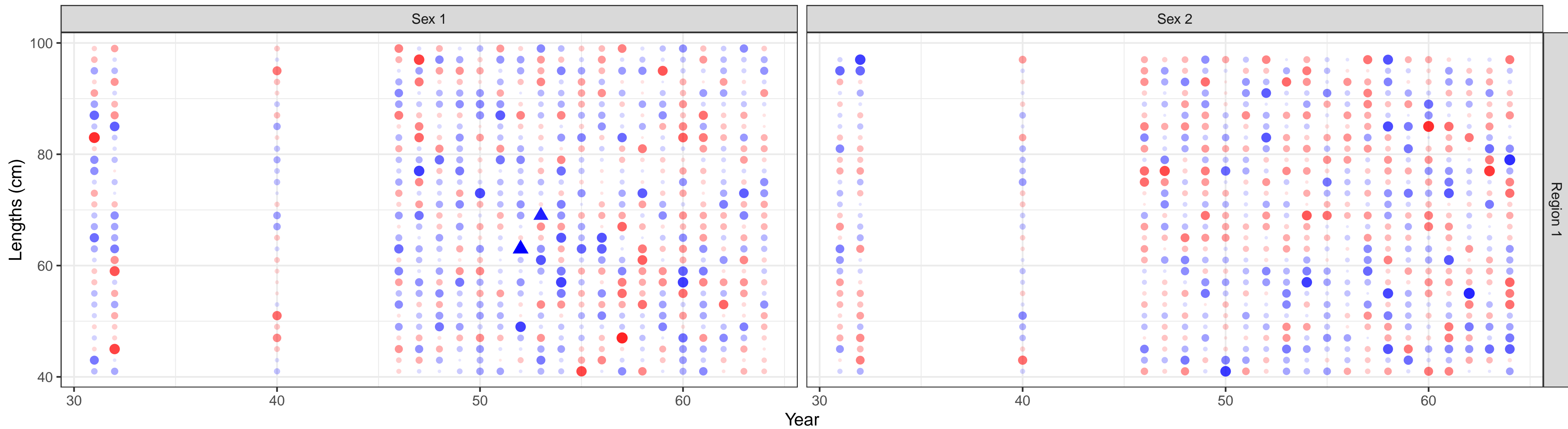
JPN LLS Length Comps Male

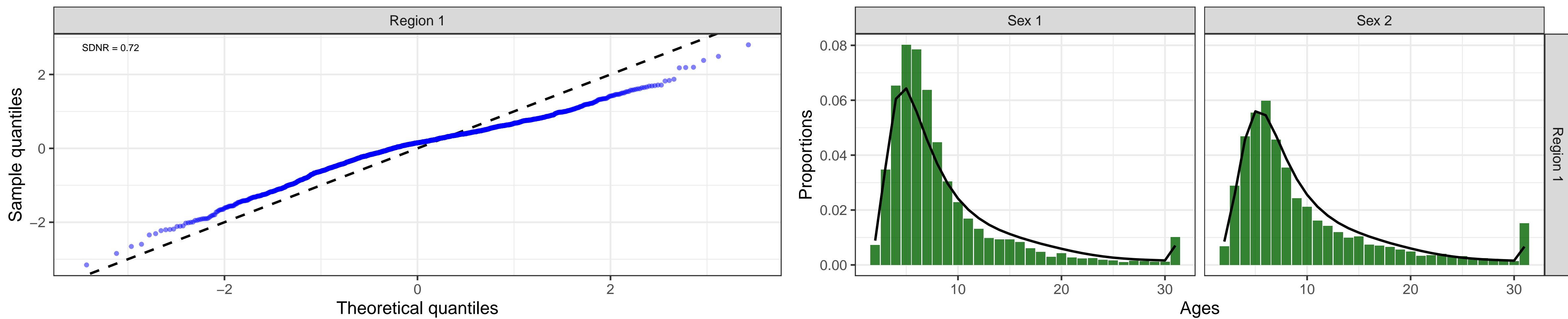
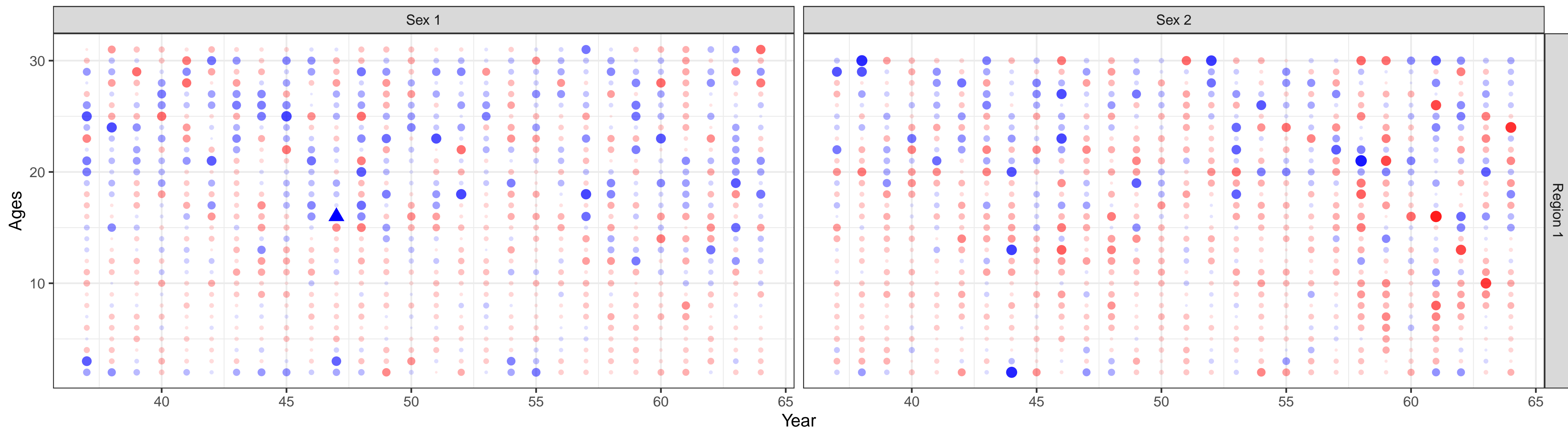


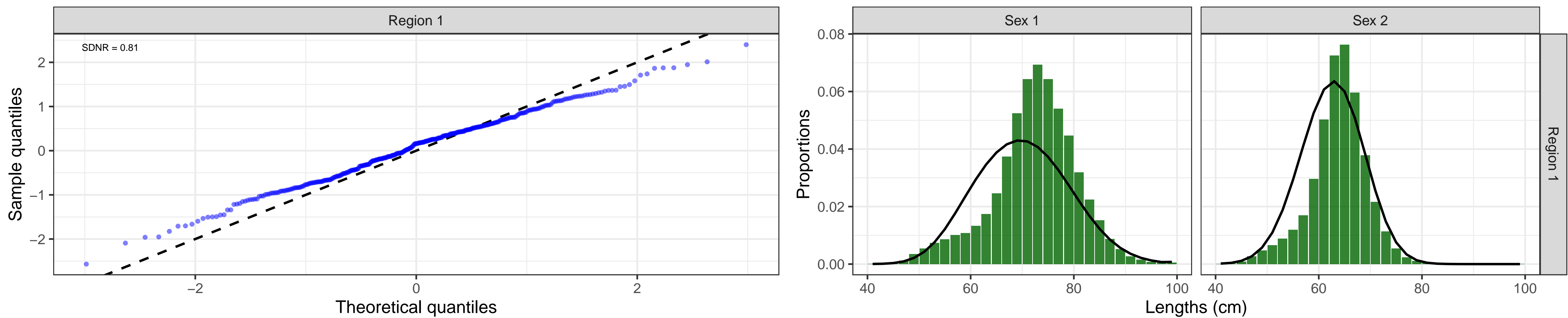
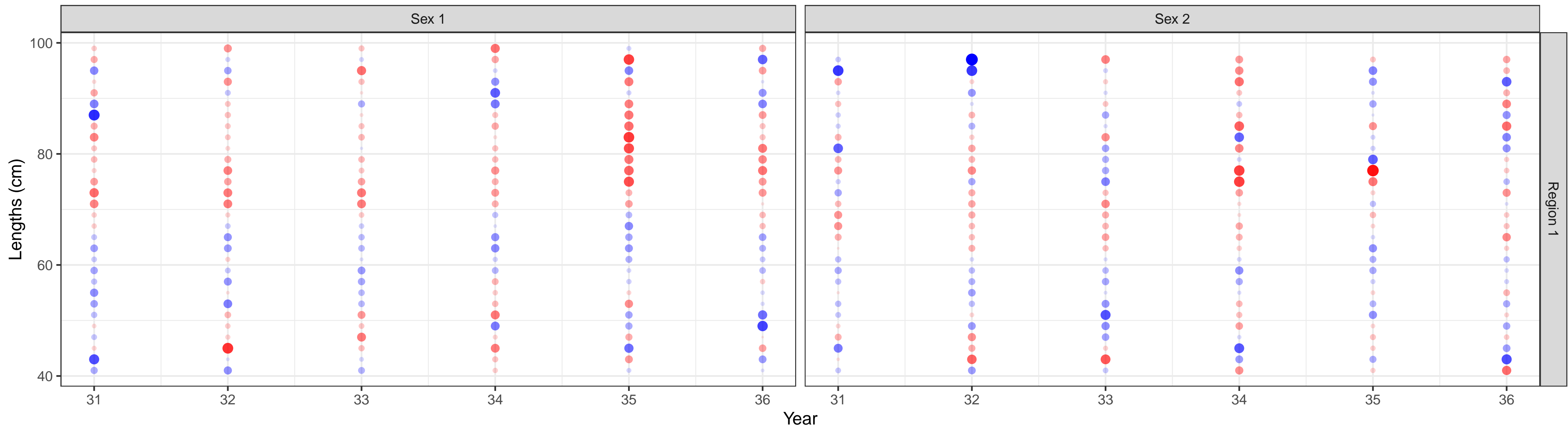


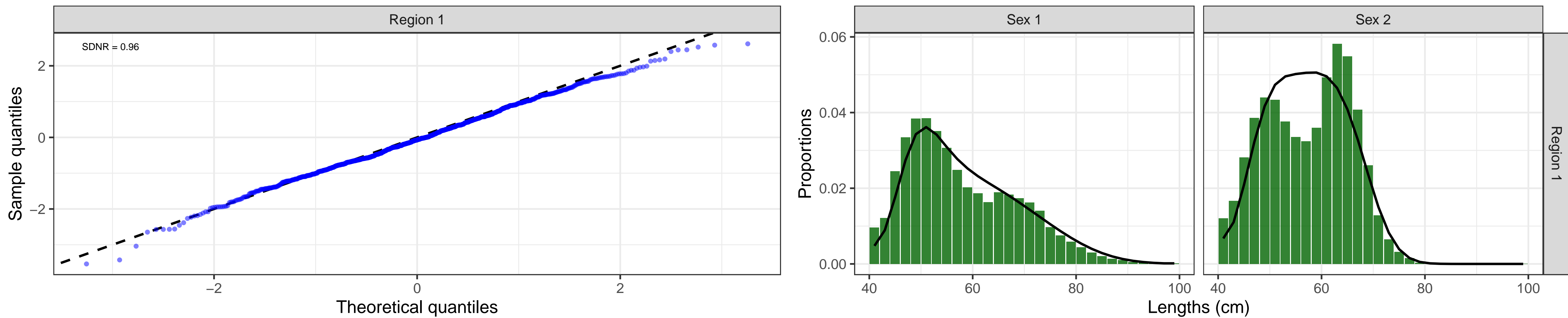
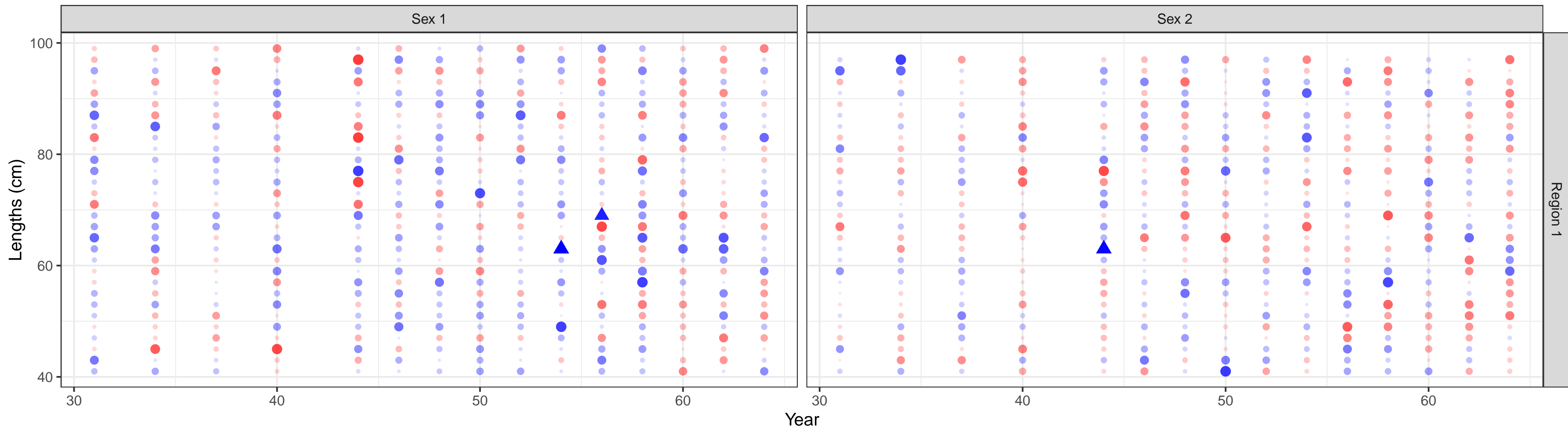




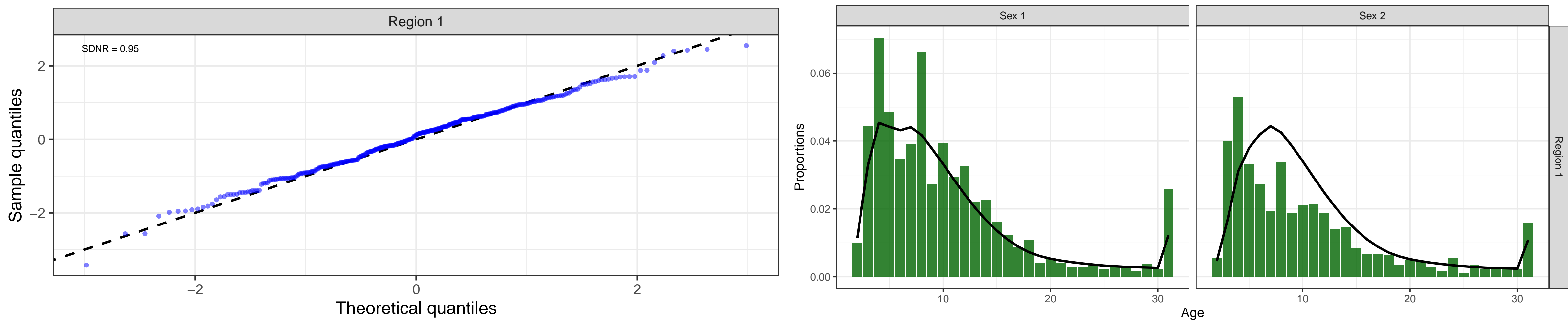
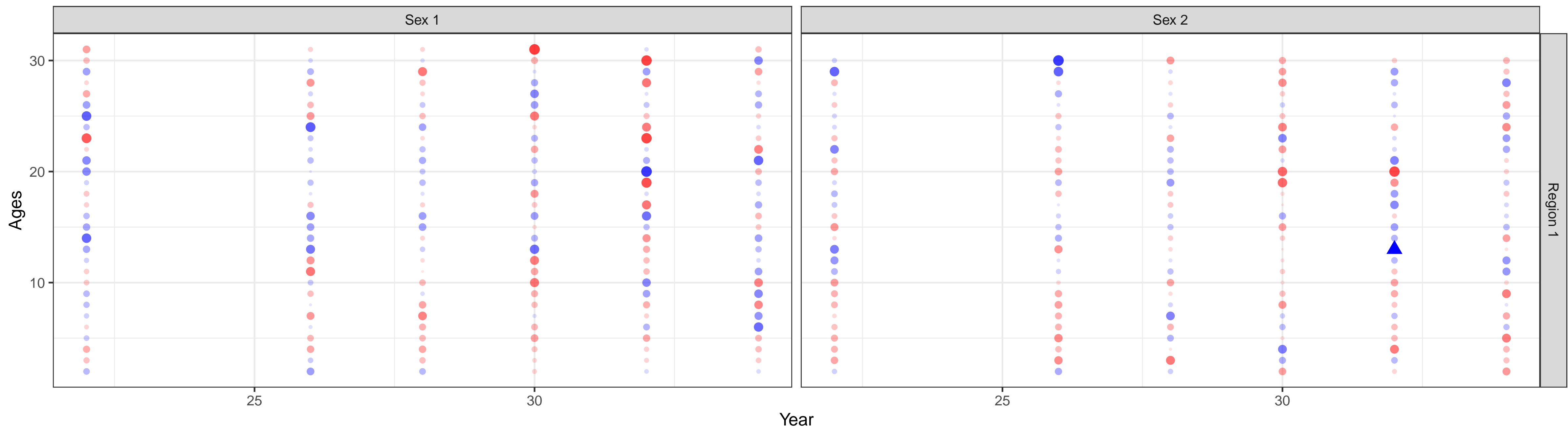


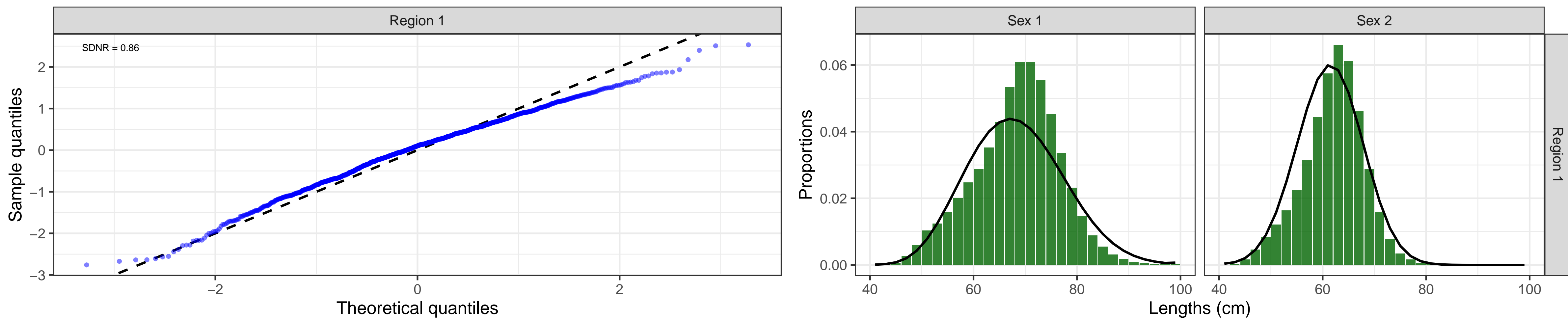
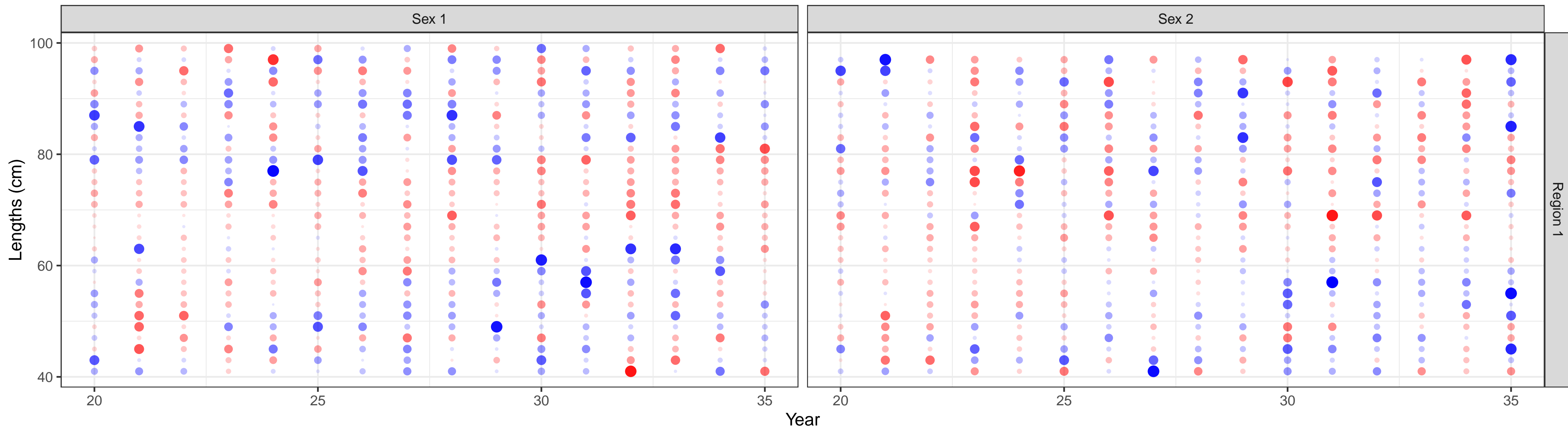




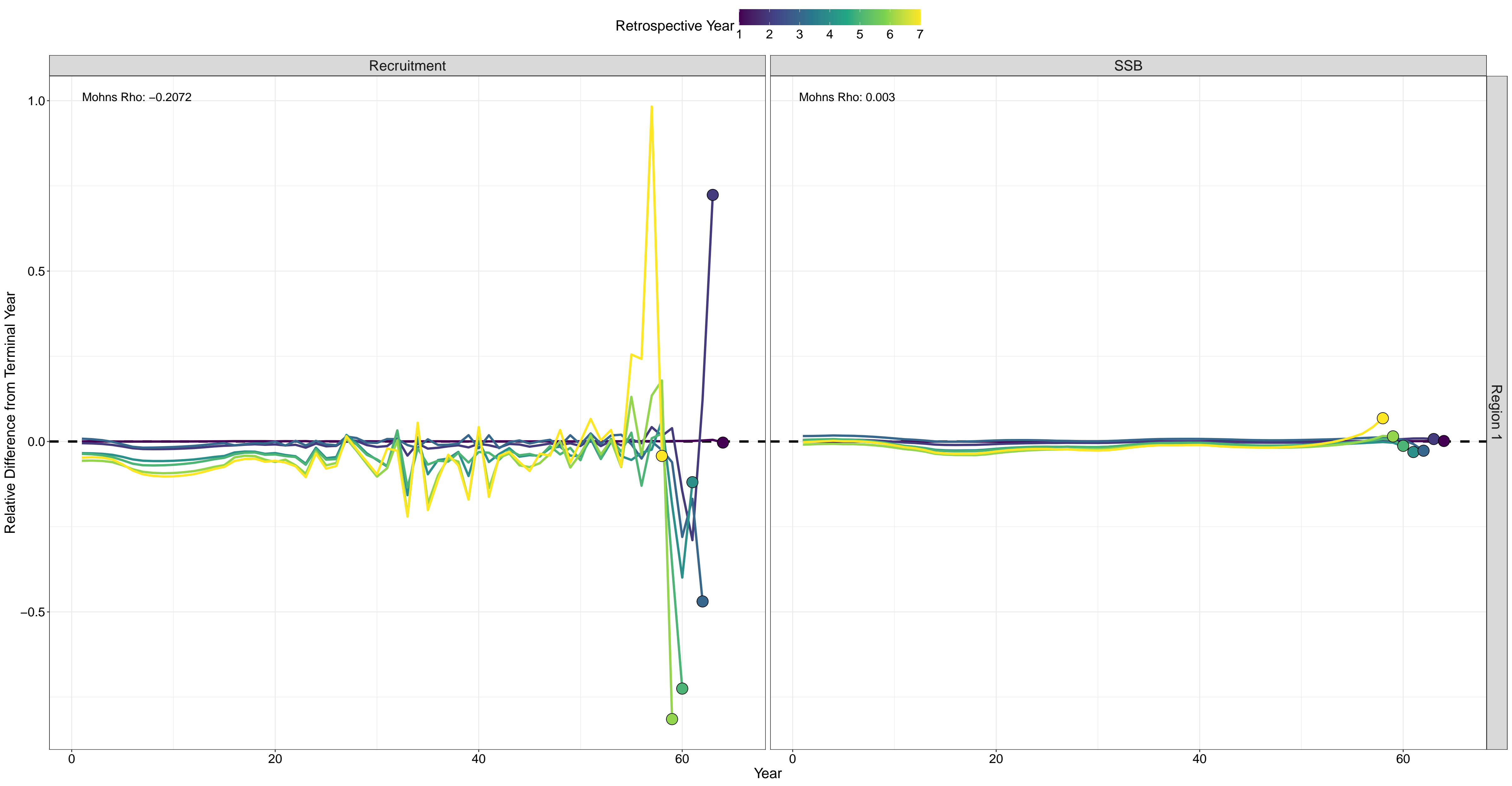


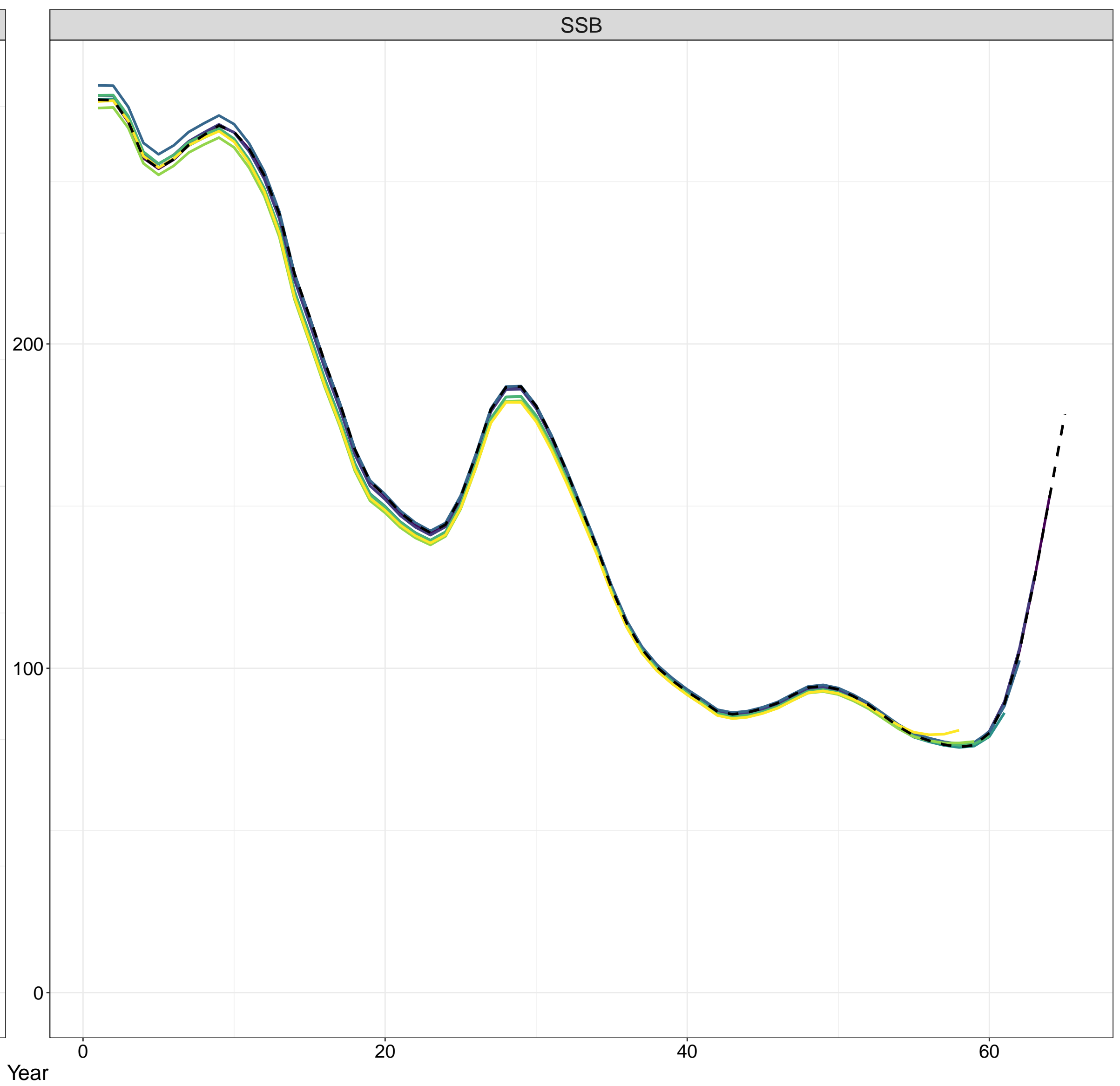
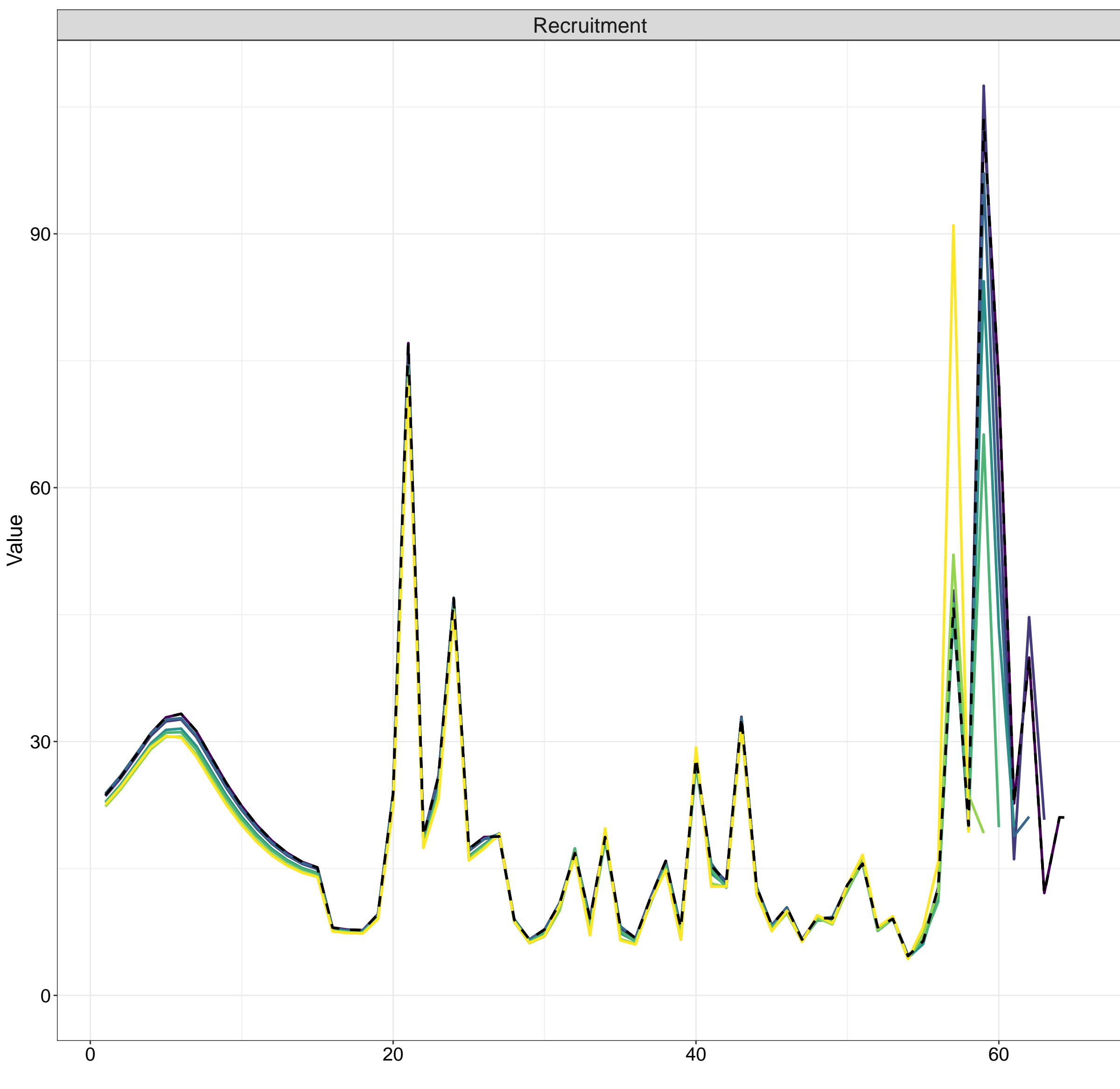


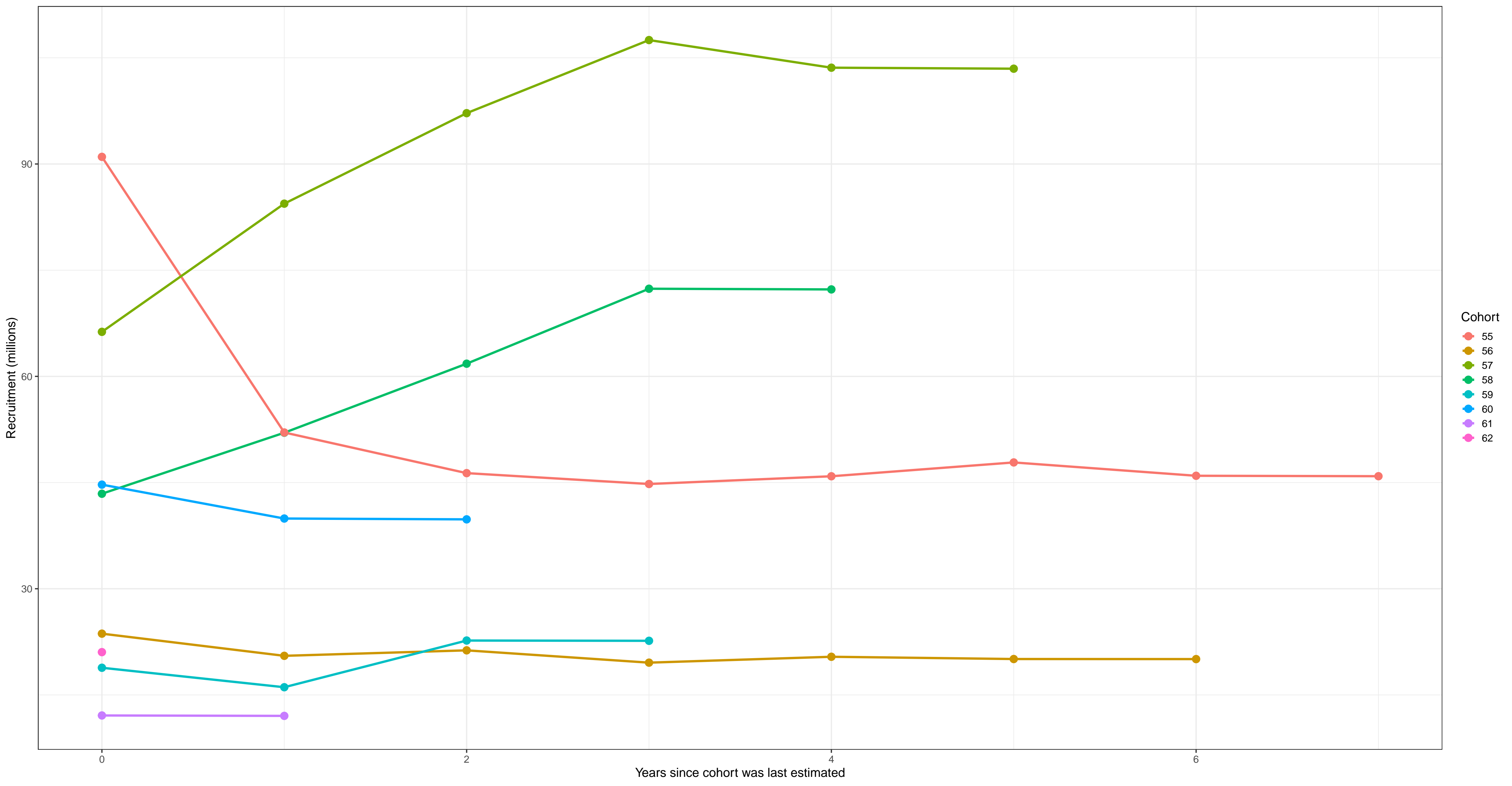




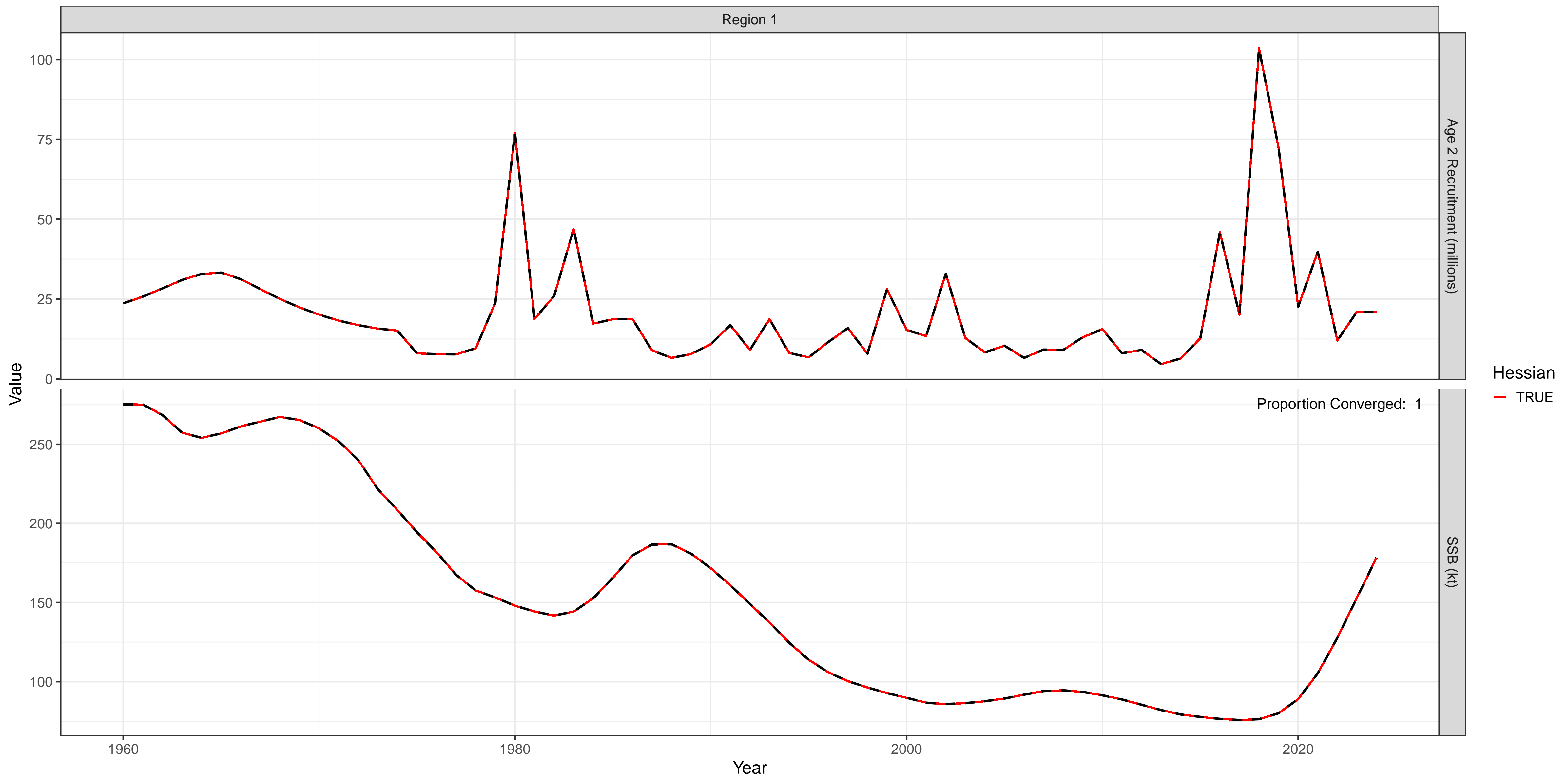




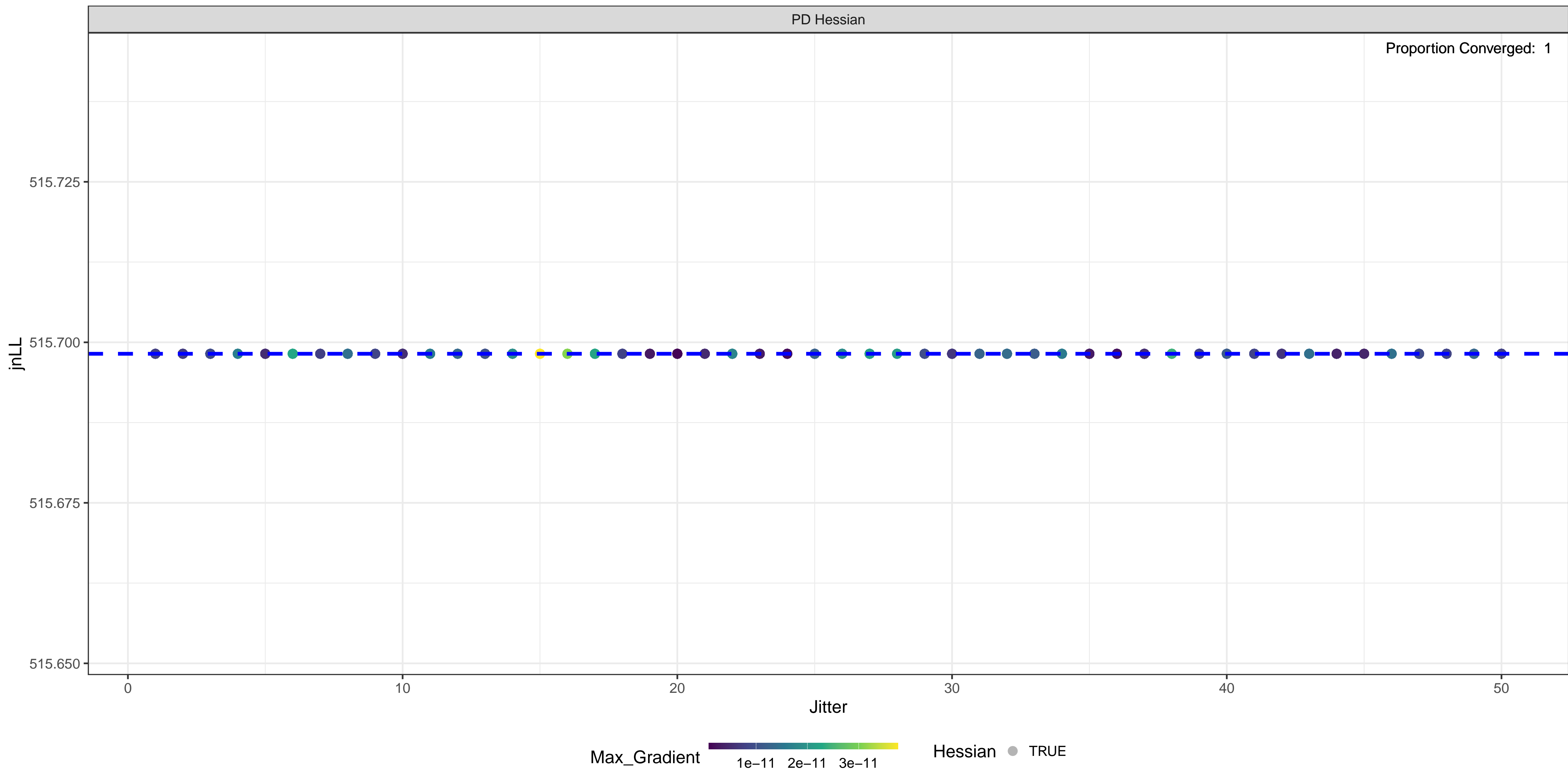




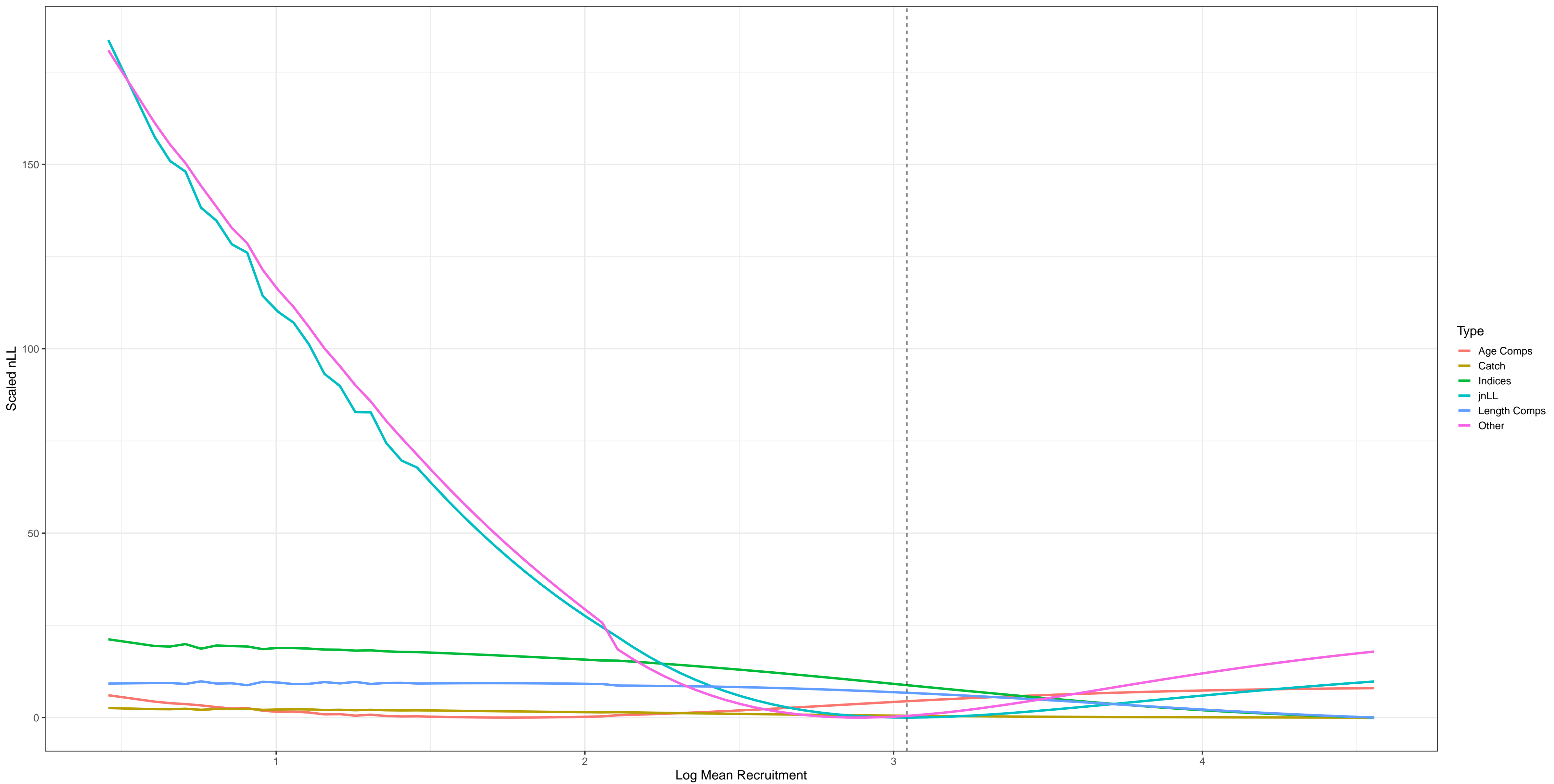
# Jitter SSB and Recruitment



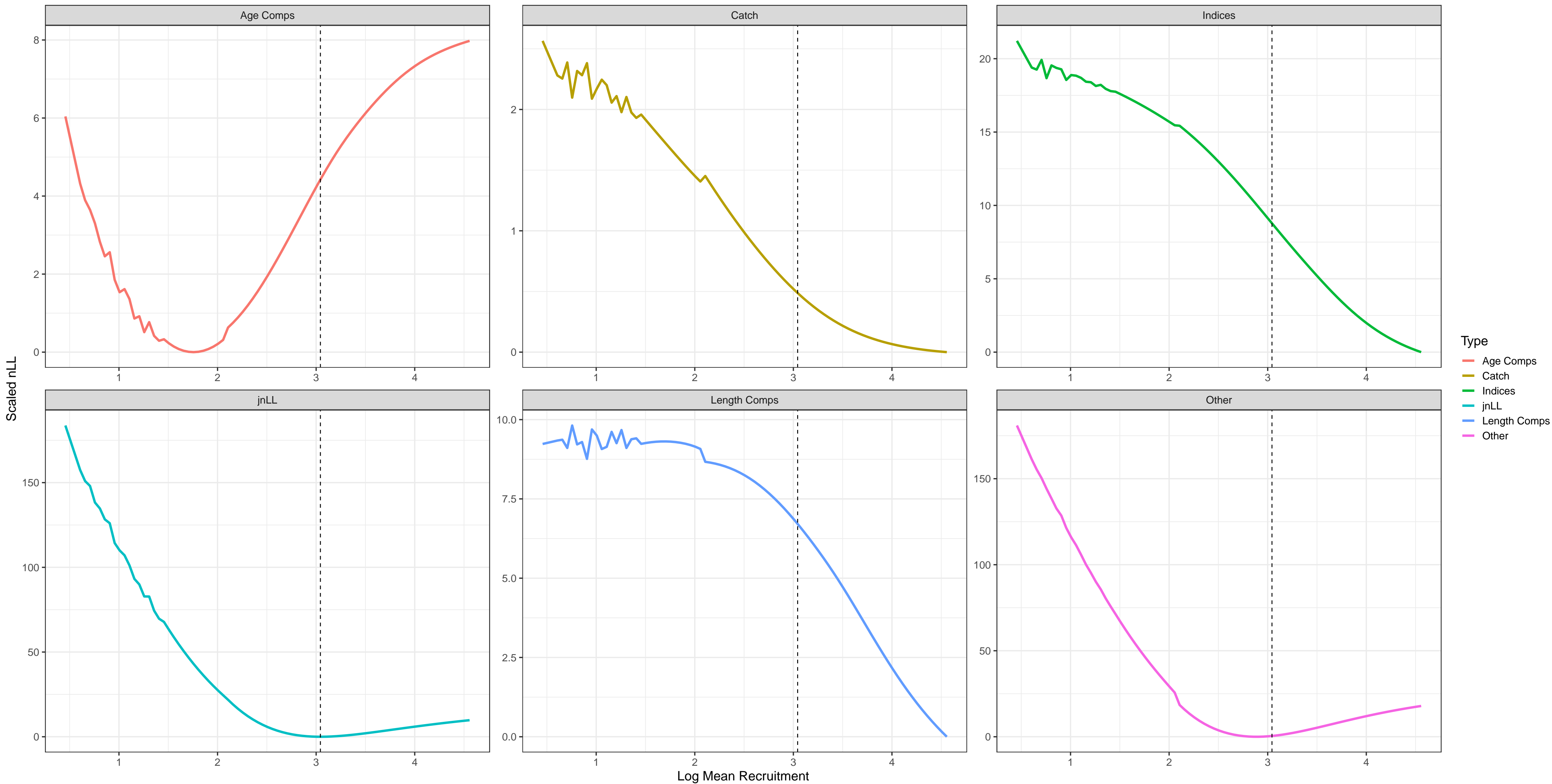
# Jitter nLL and Convergence



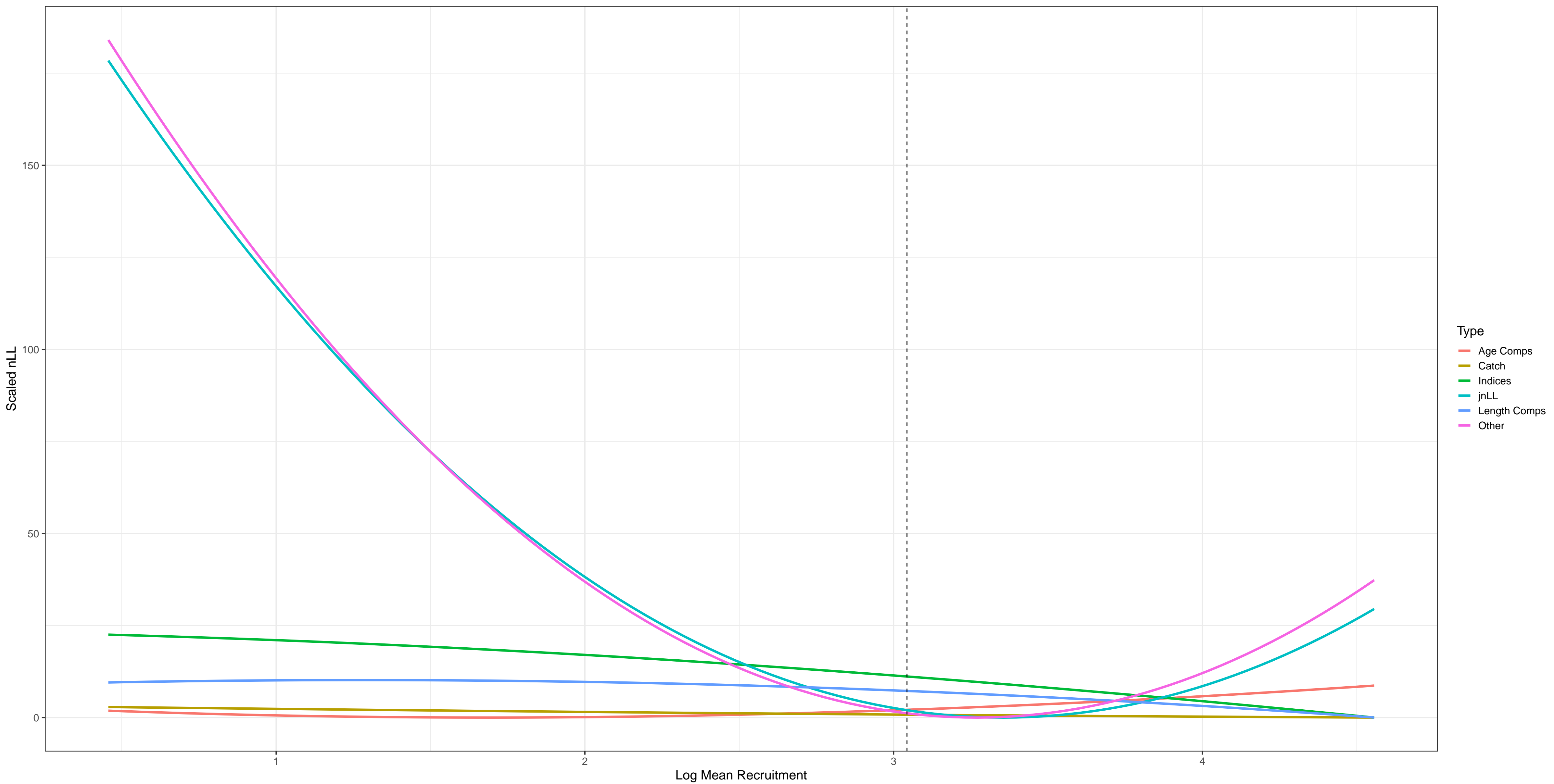
Profile Likelihood R0



Profile Likelihood R0

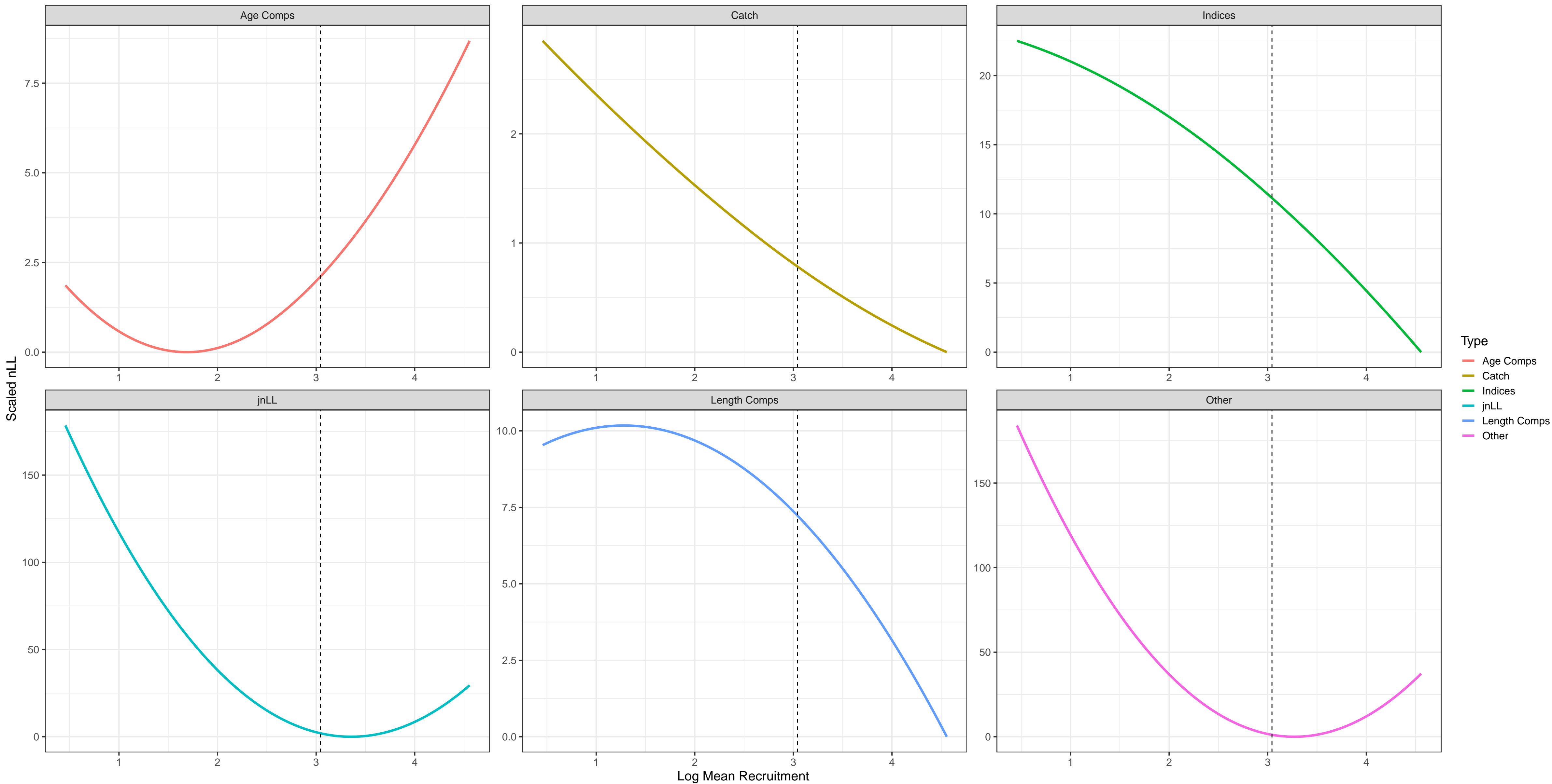


Profile Likelihood R0

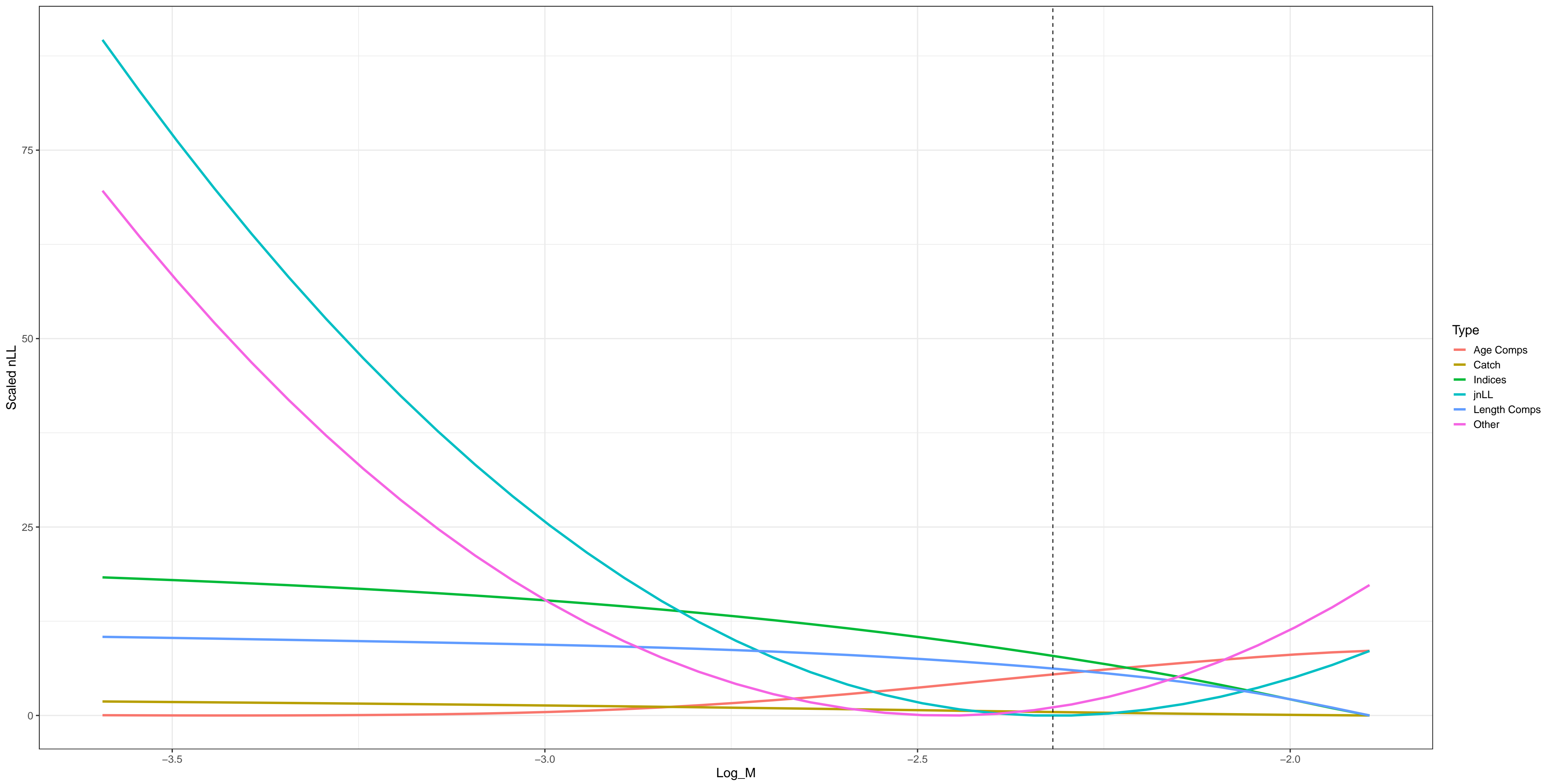




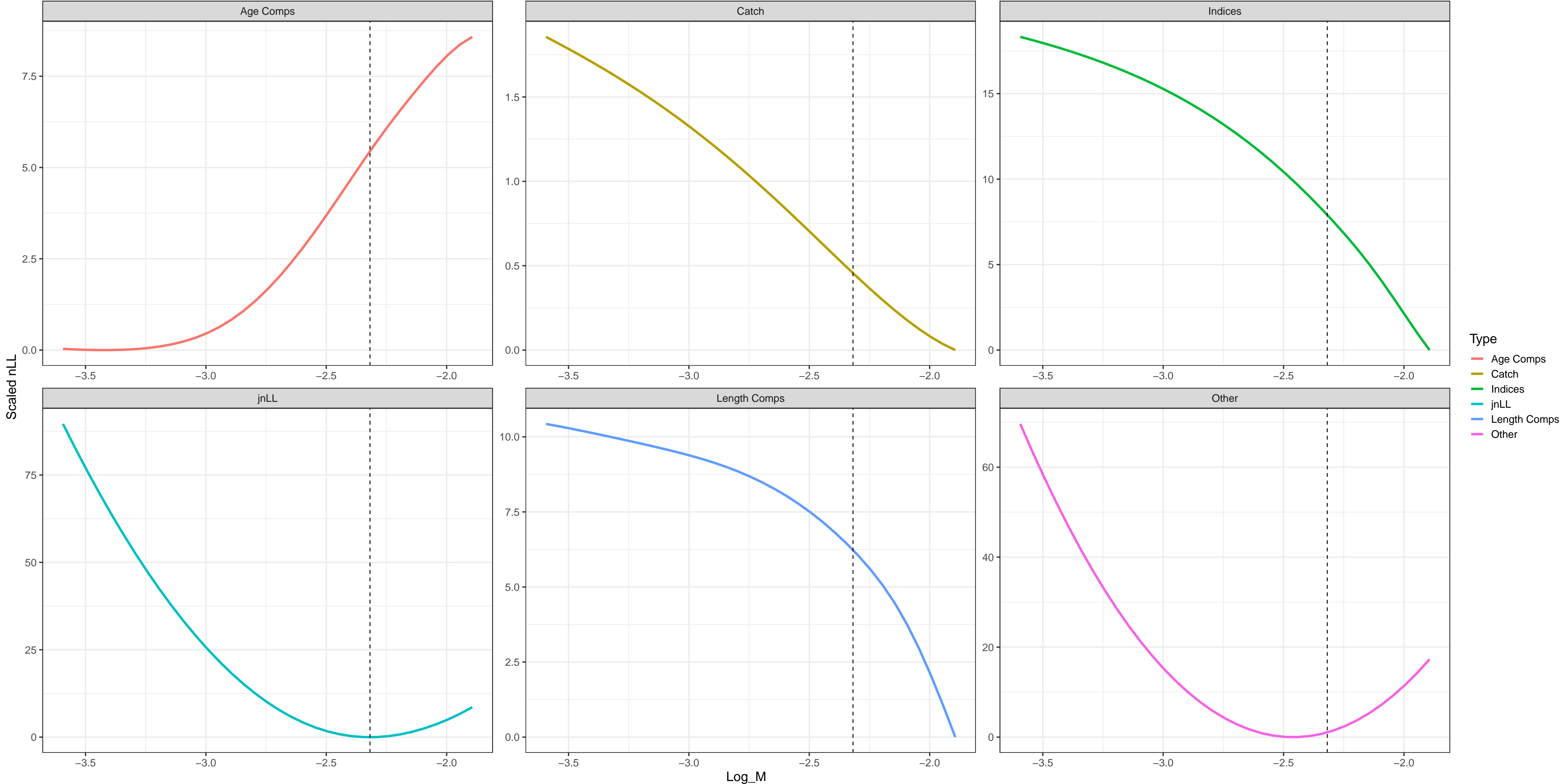
Profile Likelihood R0



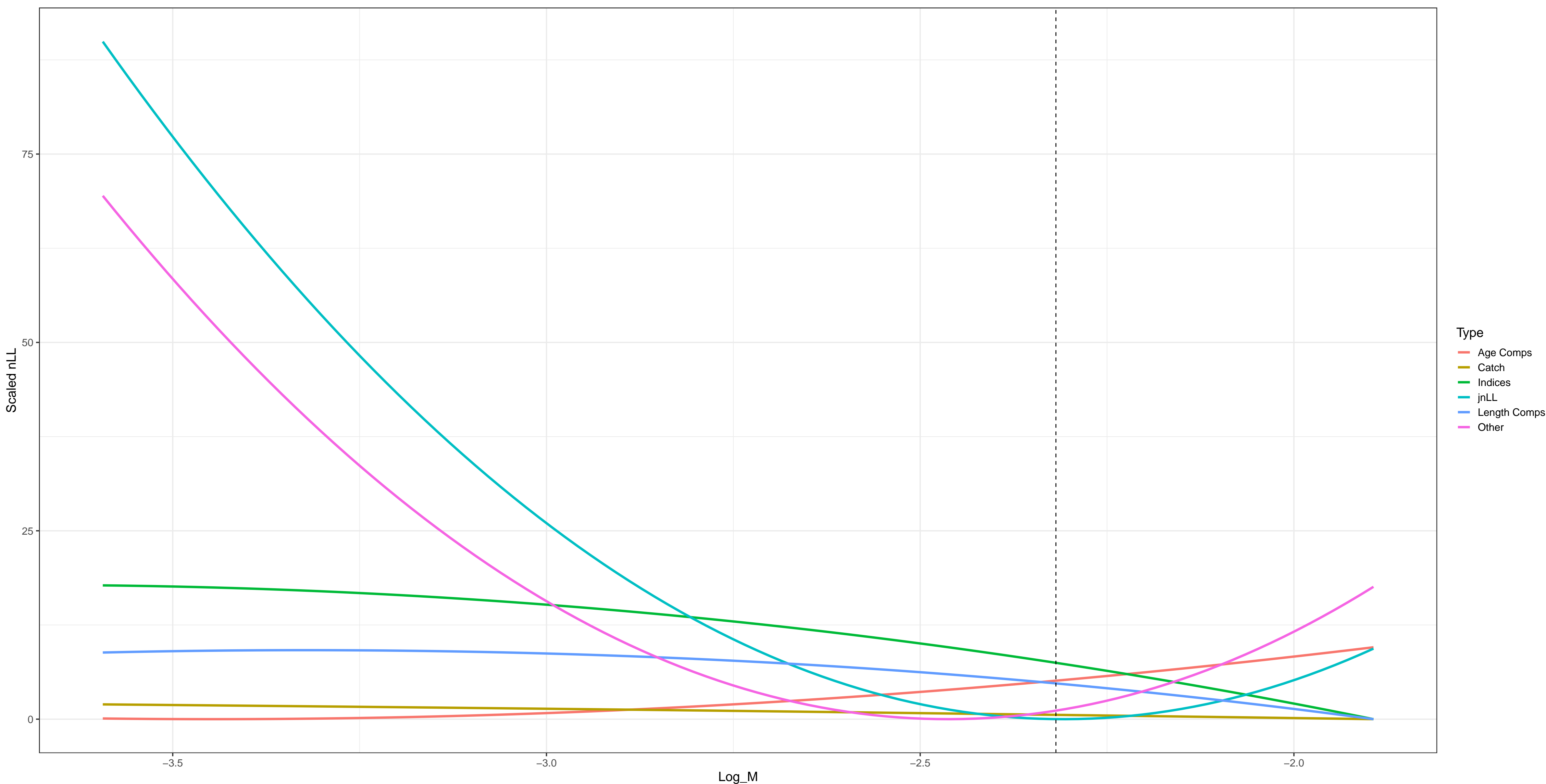
Profile Likelihood M



Profile Likelihood M



Profile Likelihood M



Profile Likelihood M

