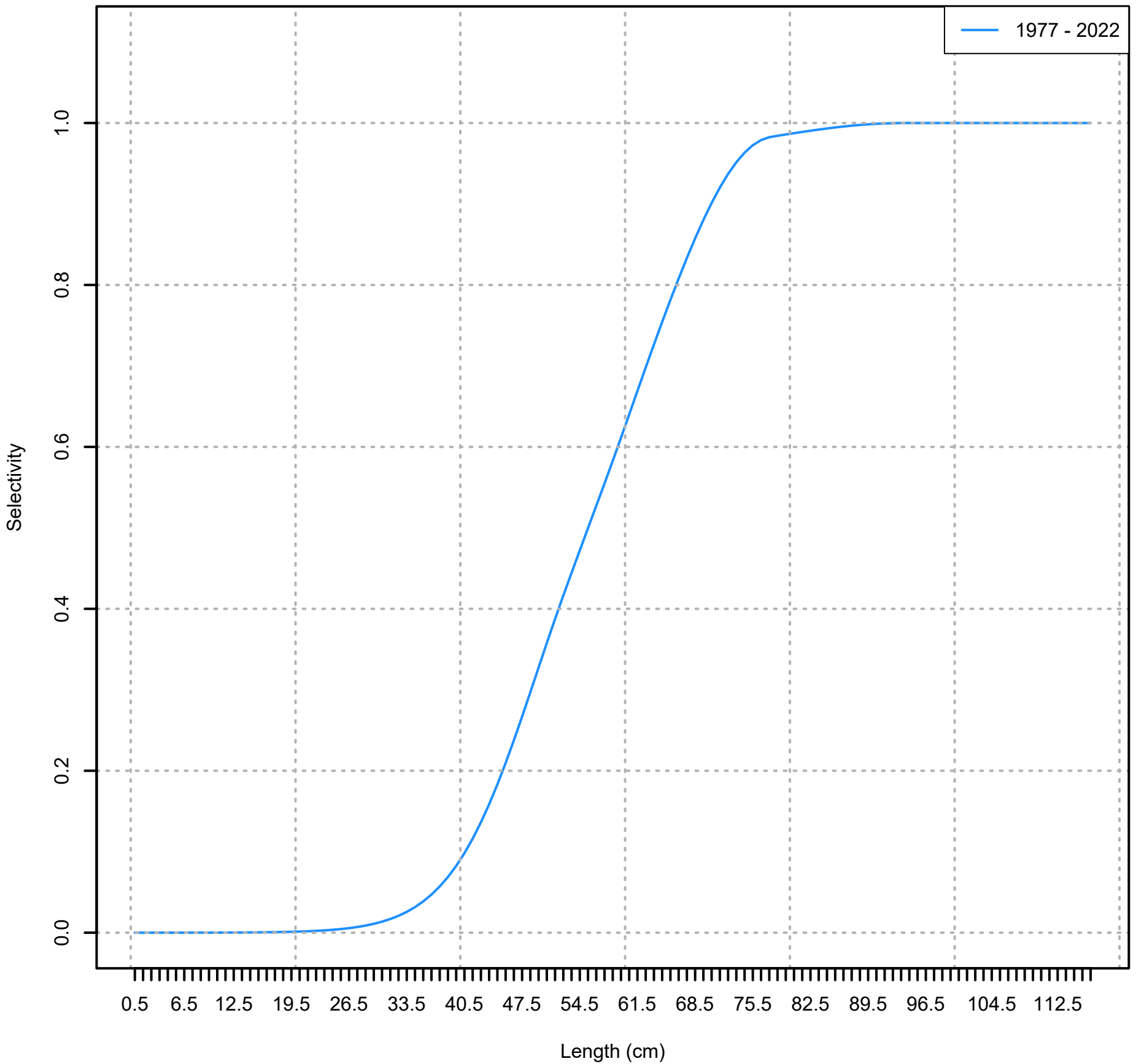
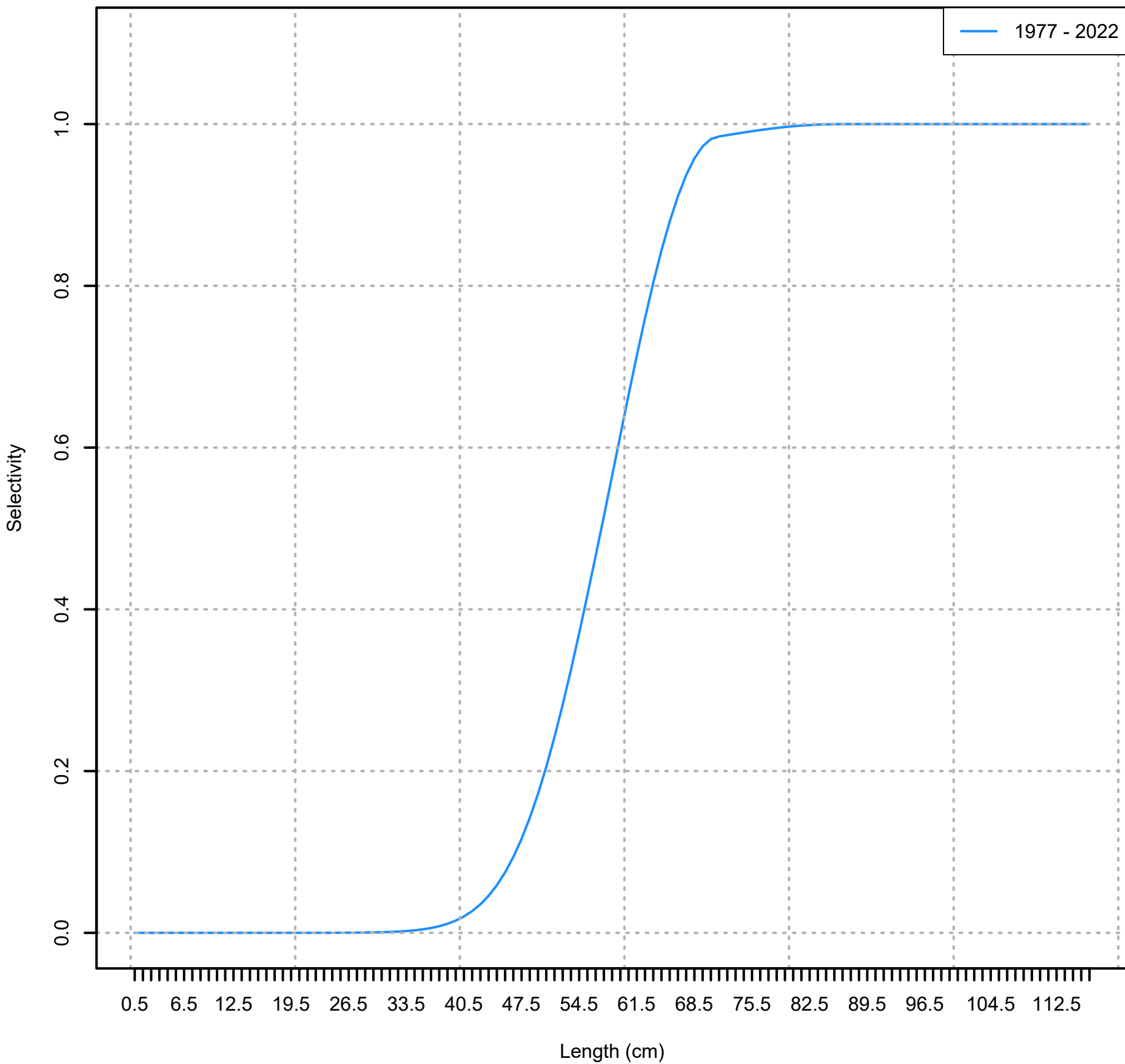


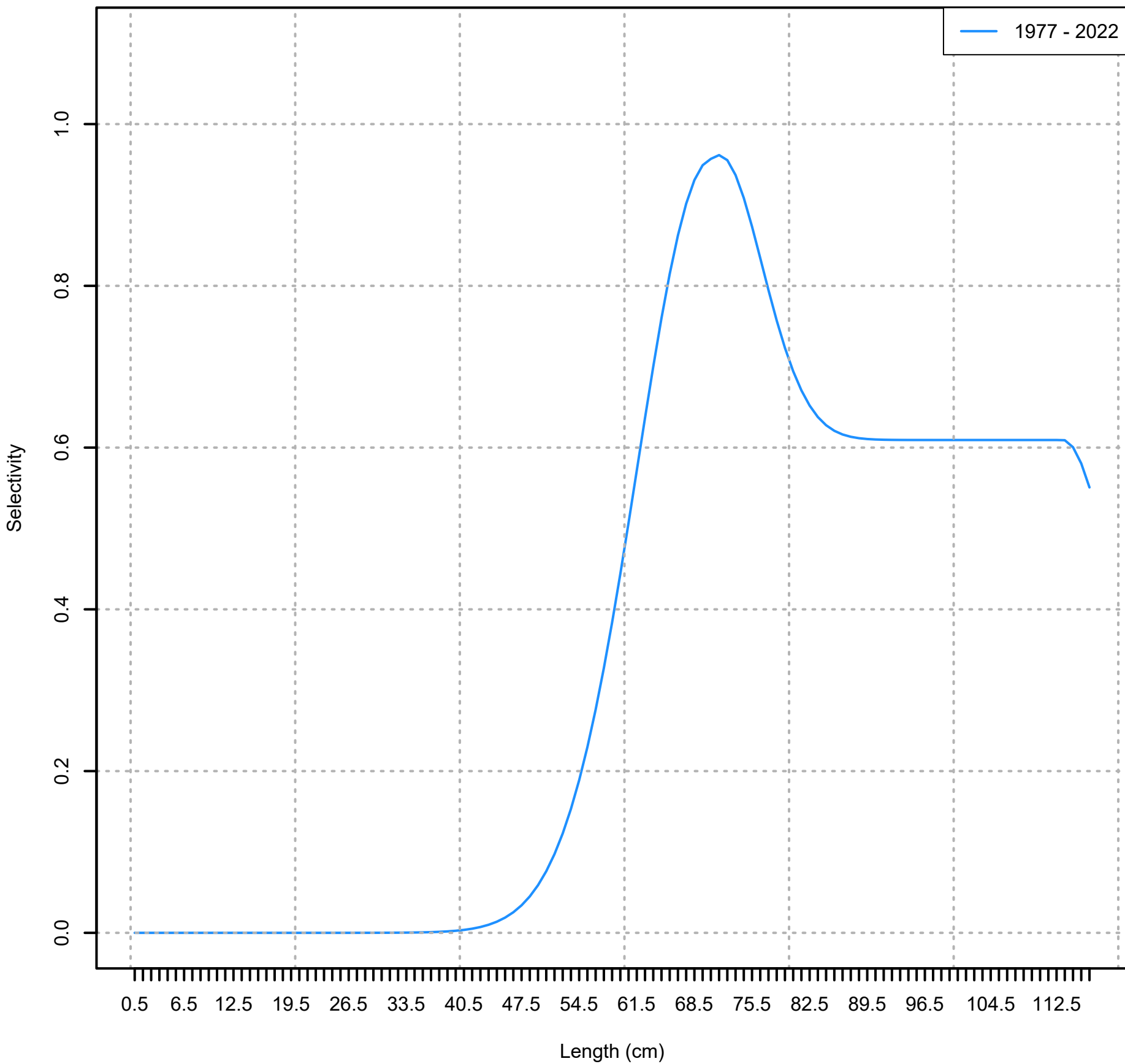
**Fleet 1**



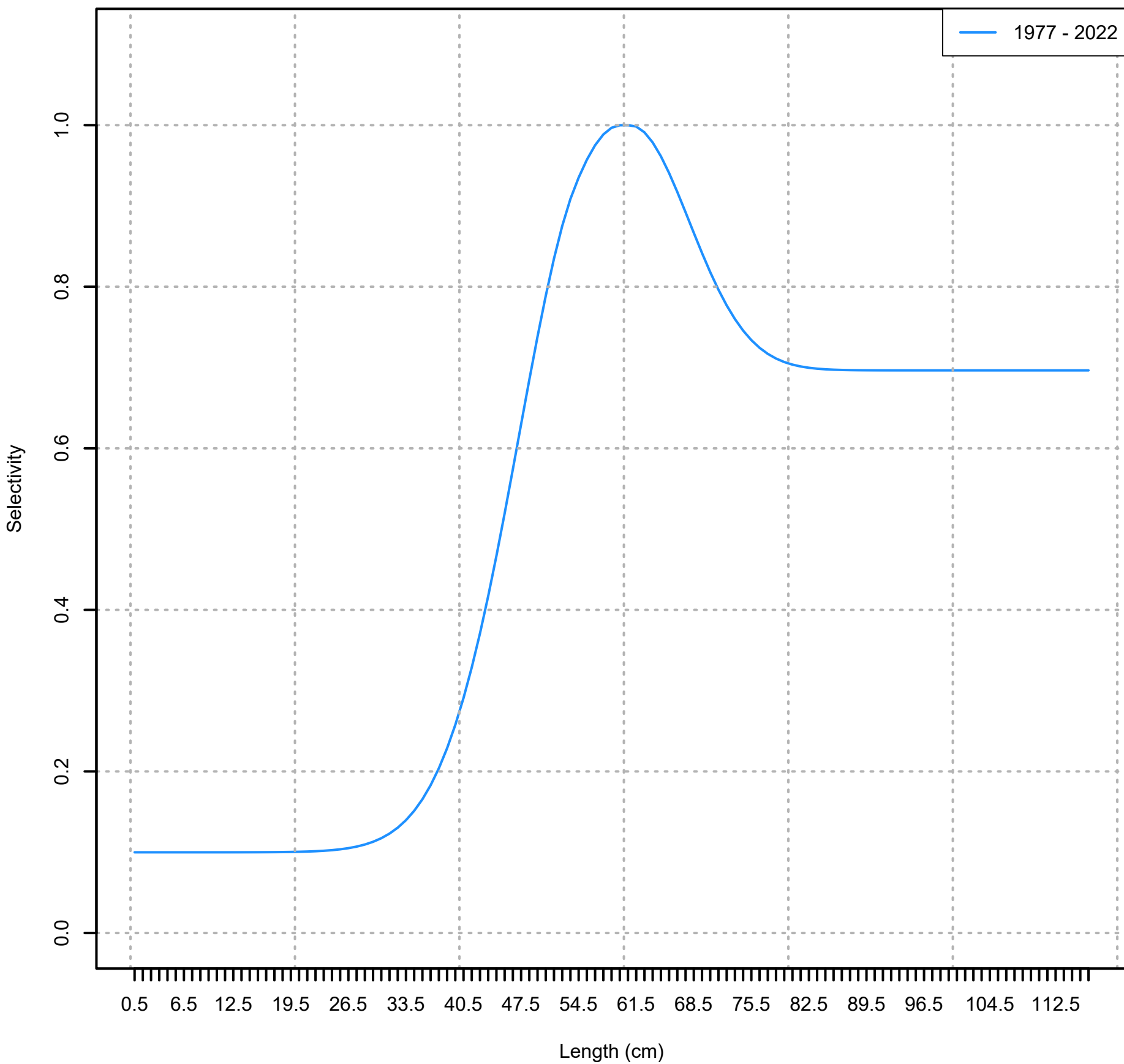
## Fleet 2



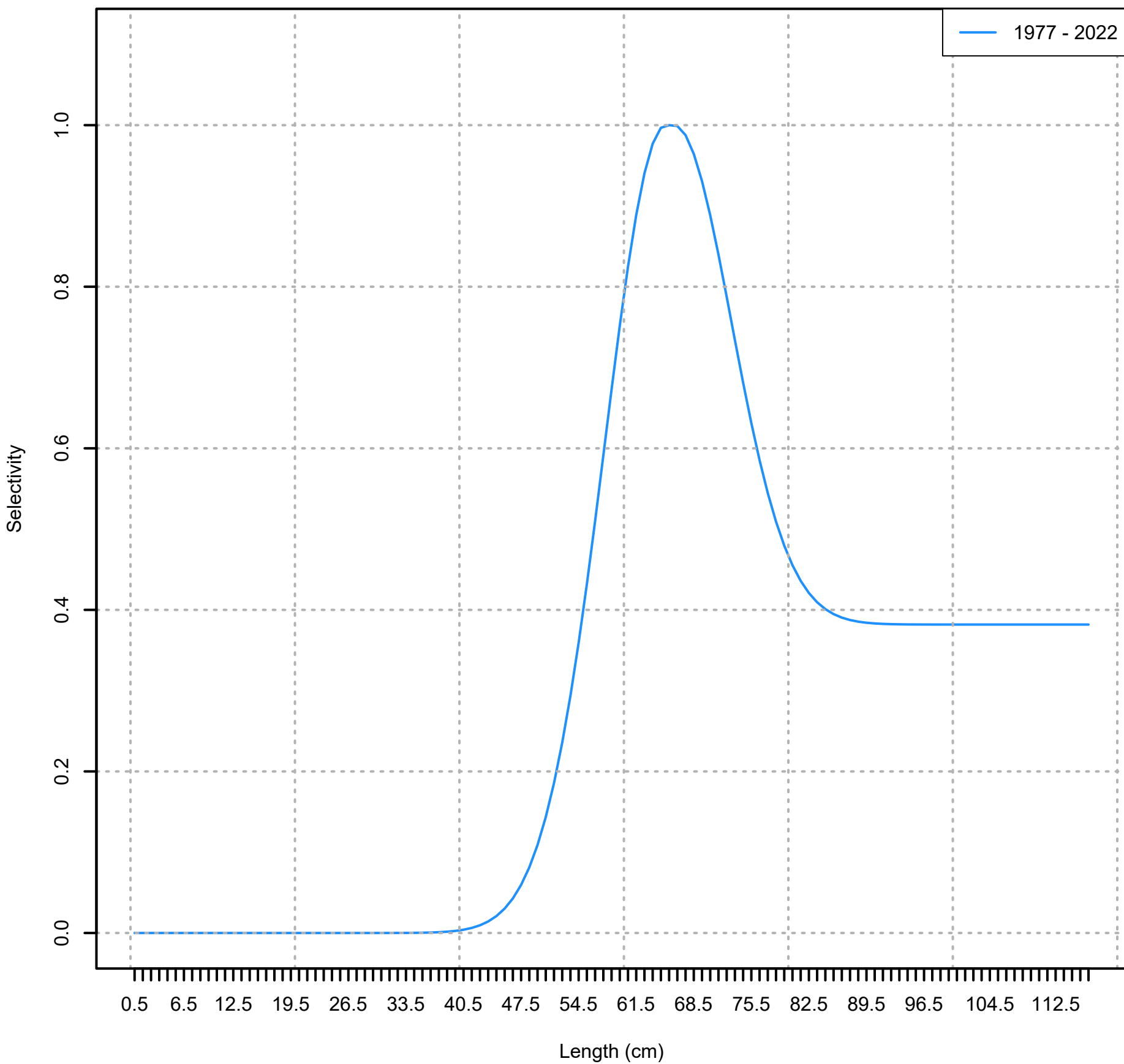
**Fleet 3**

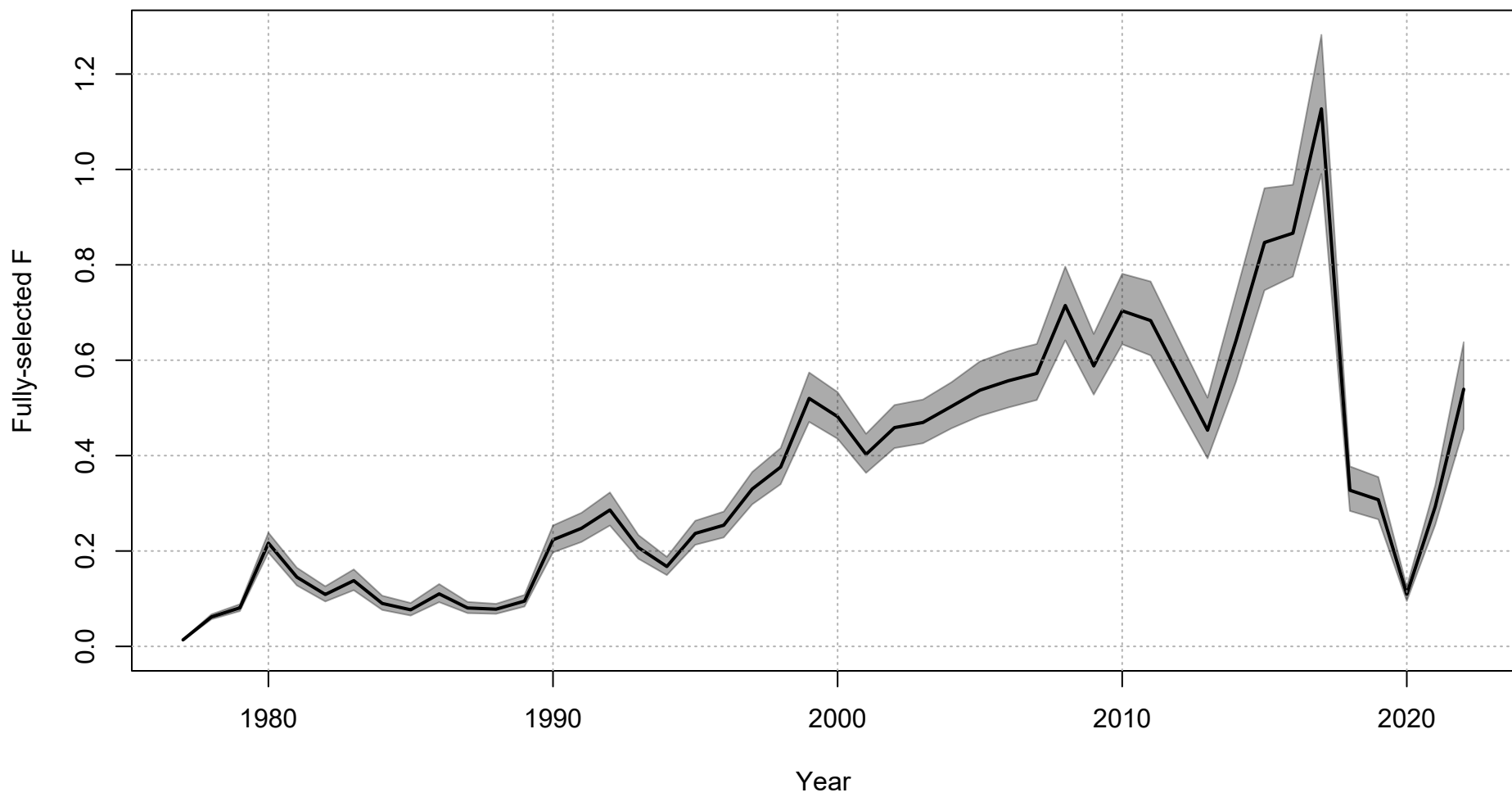
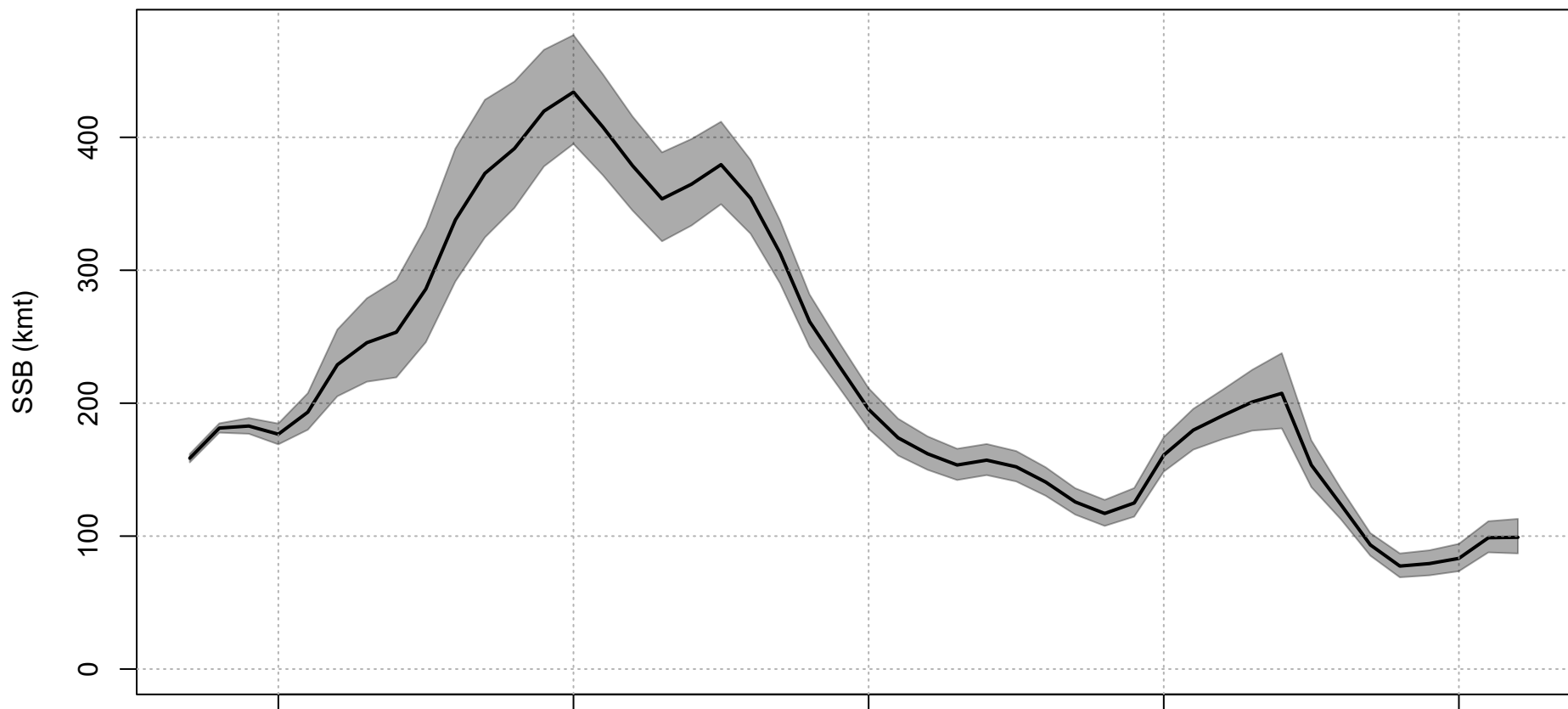


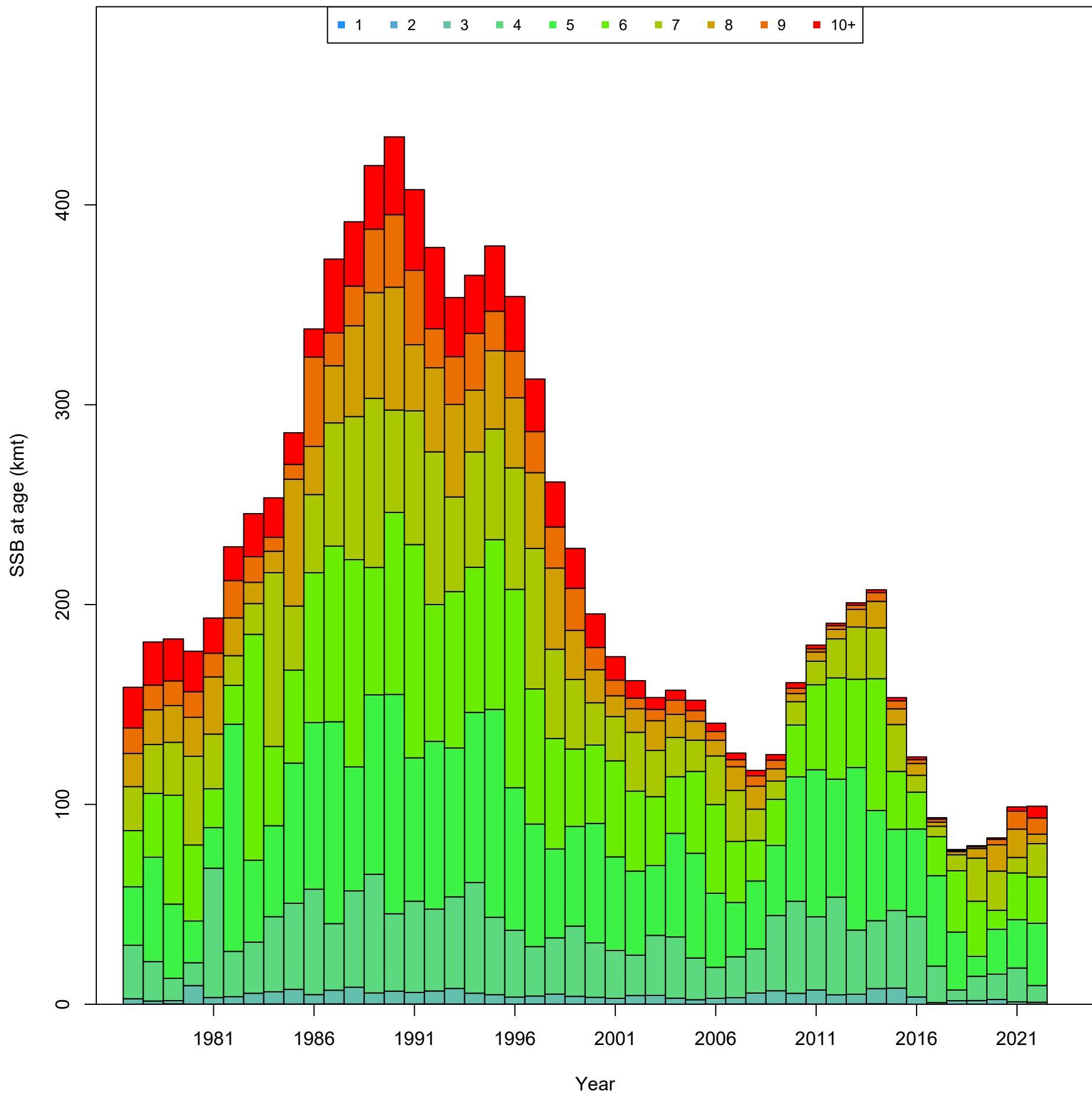
# Index 1

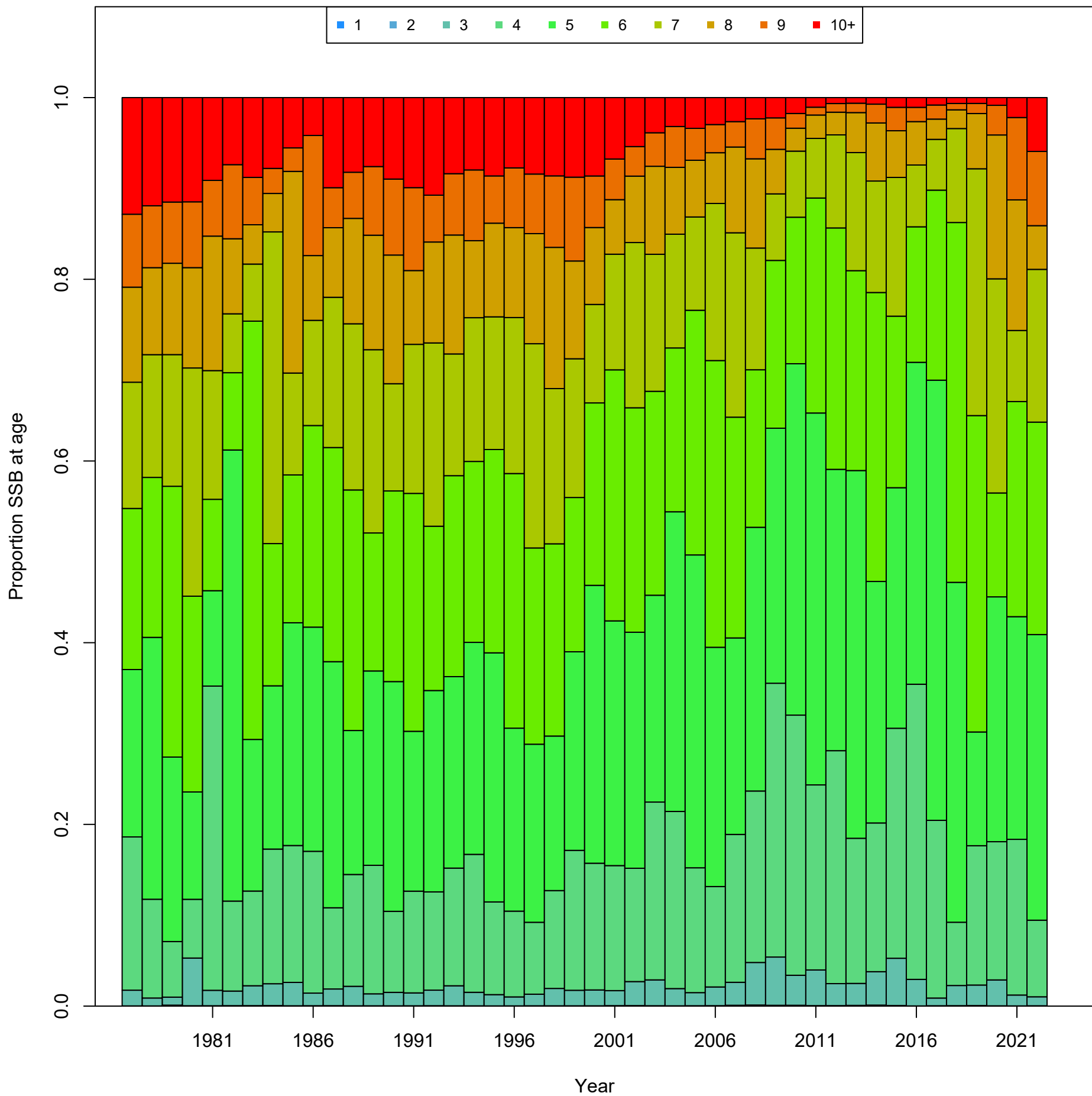


## Index 2

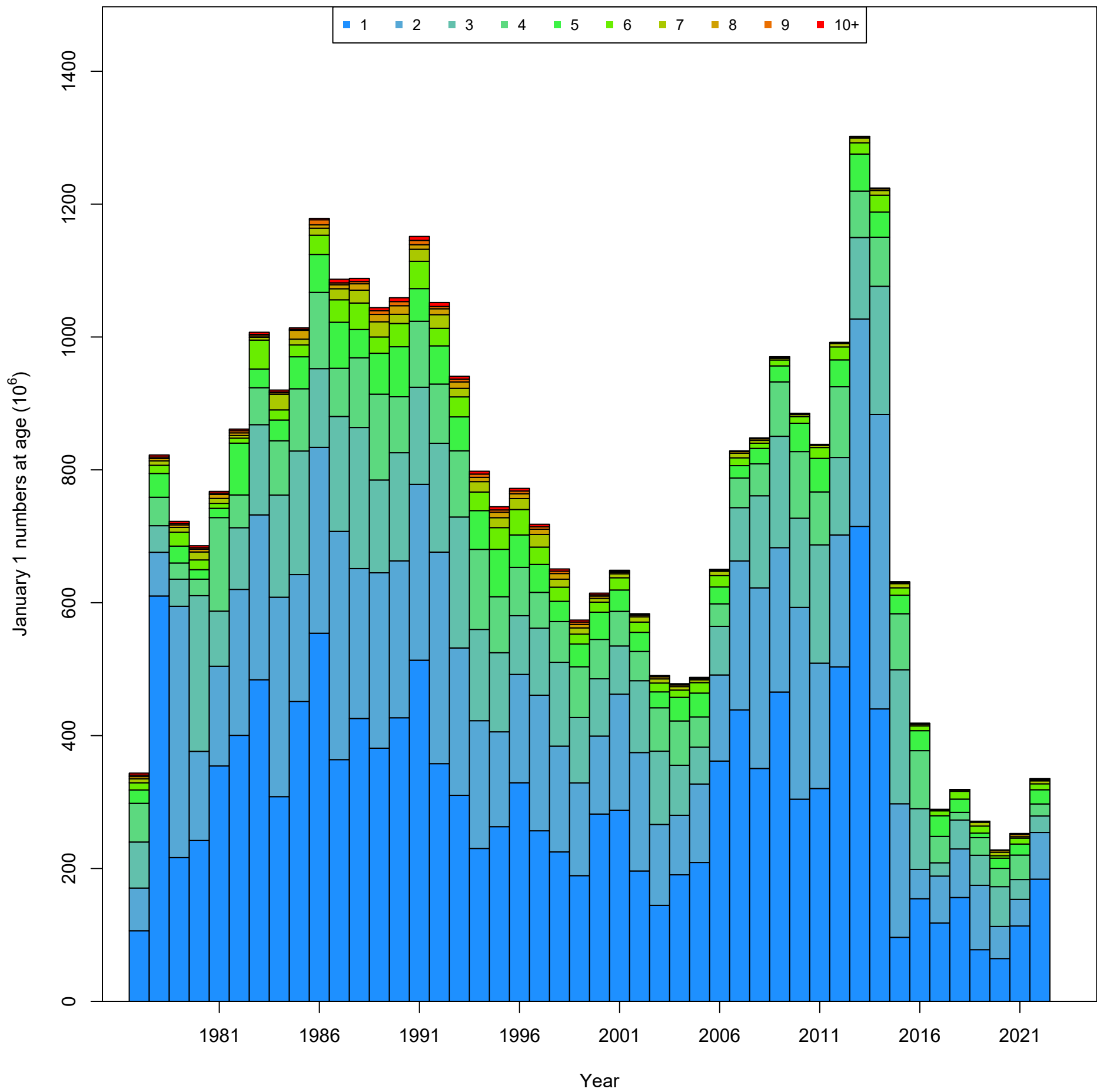


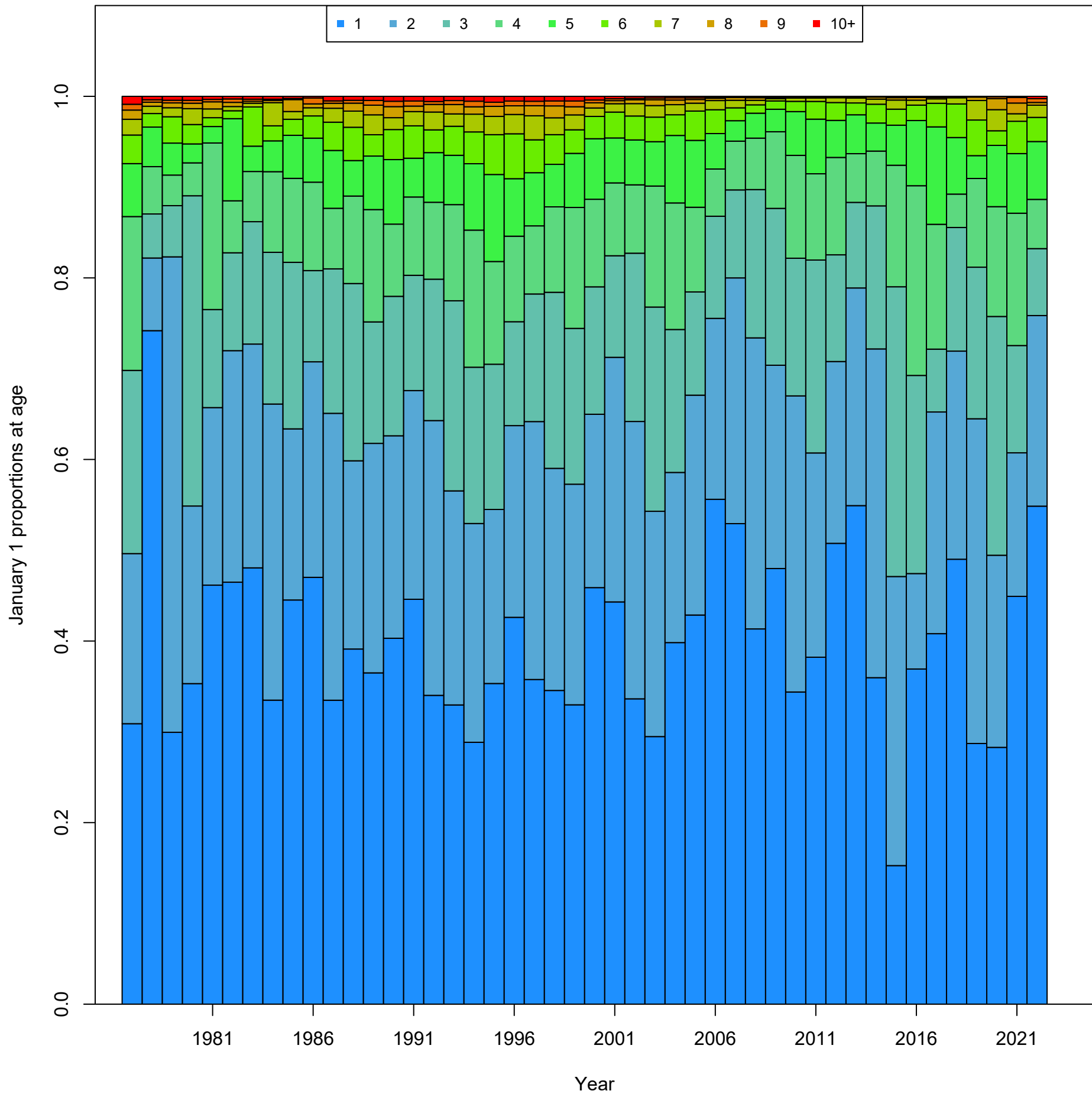


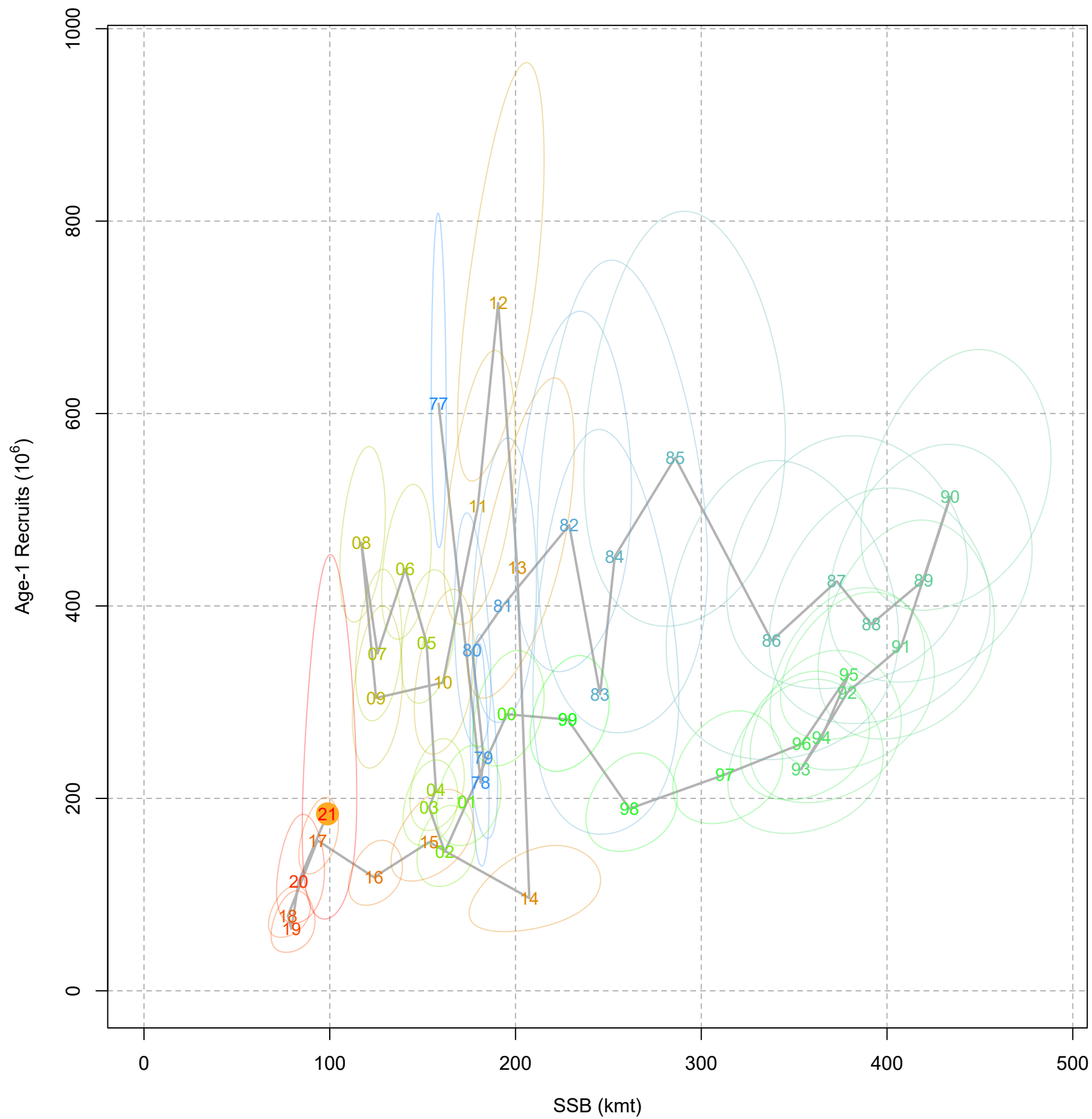


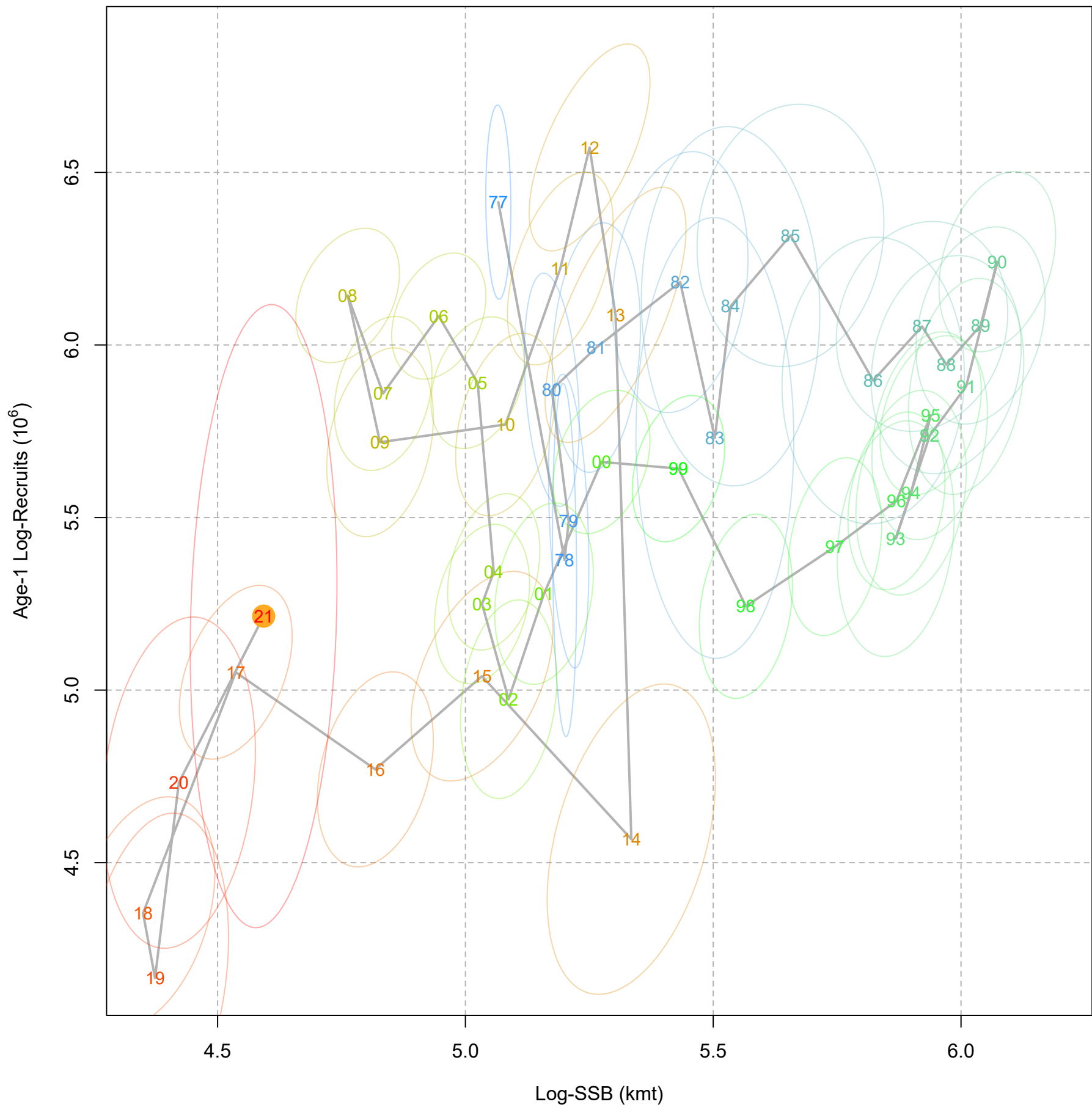


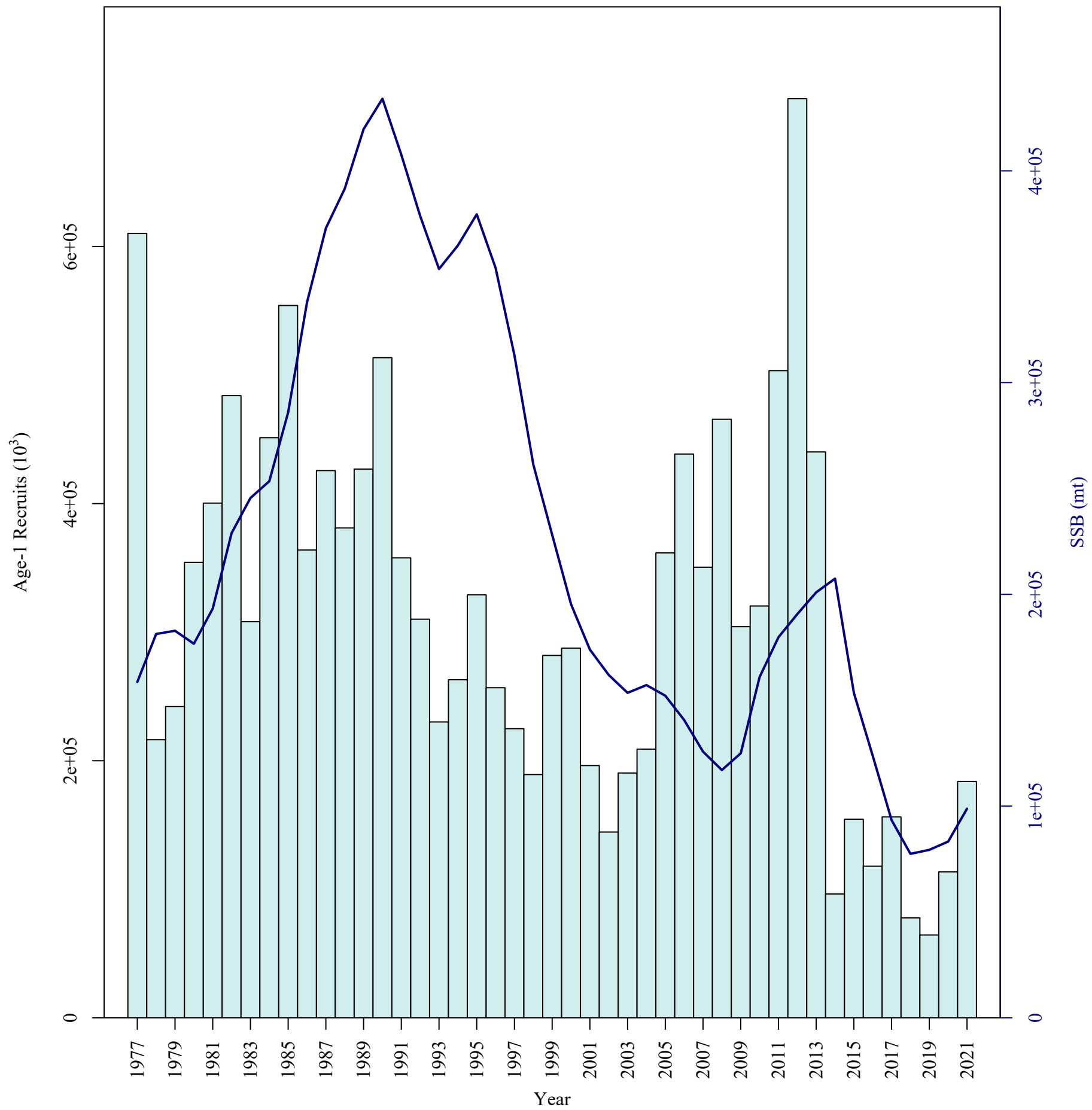


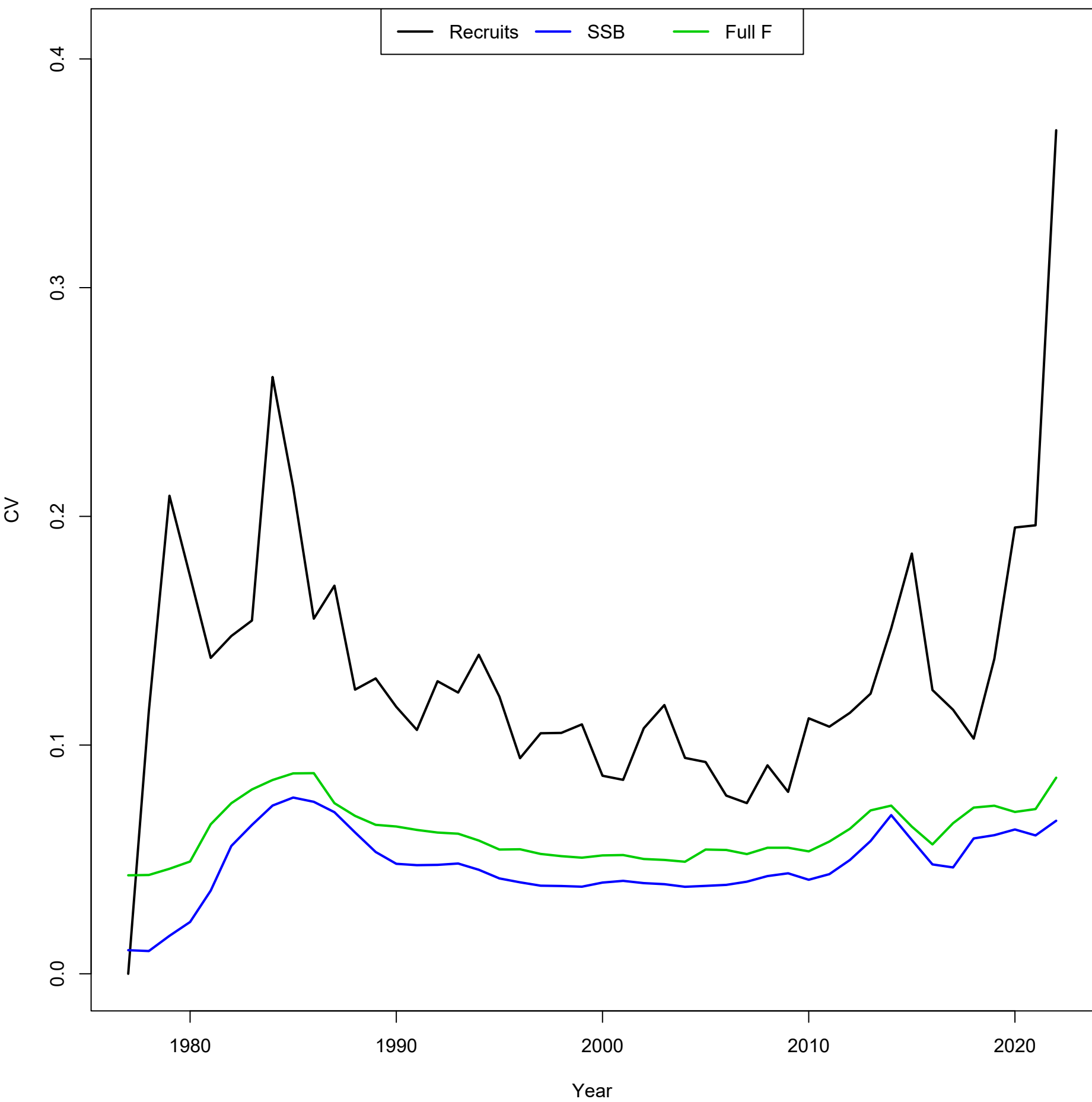




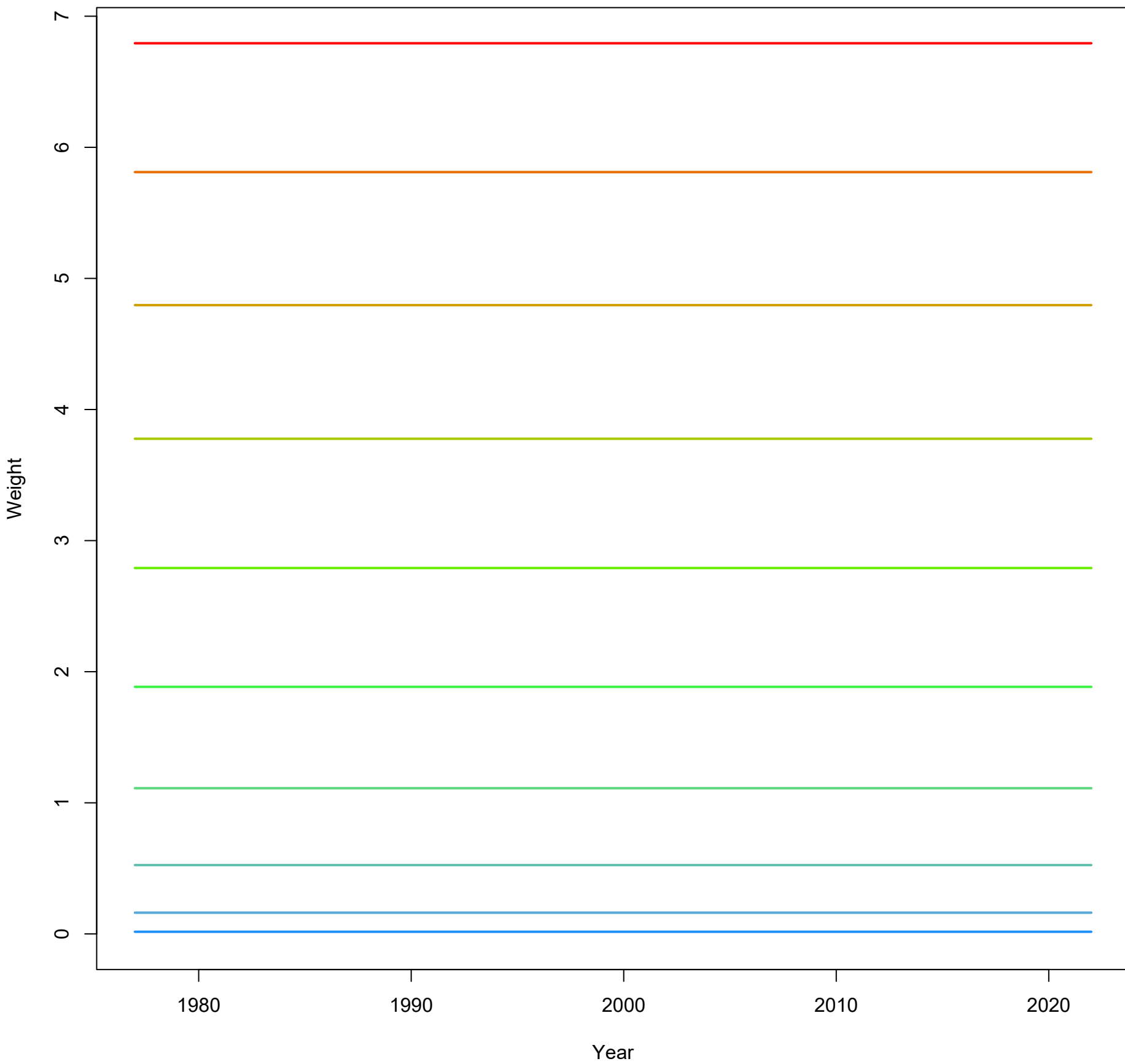




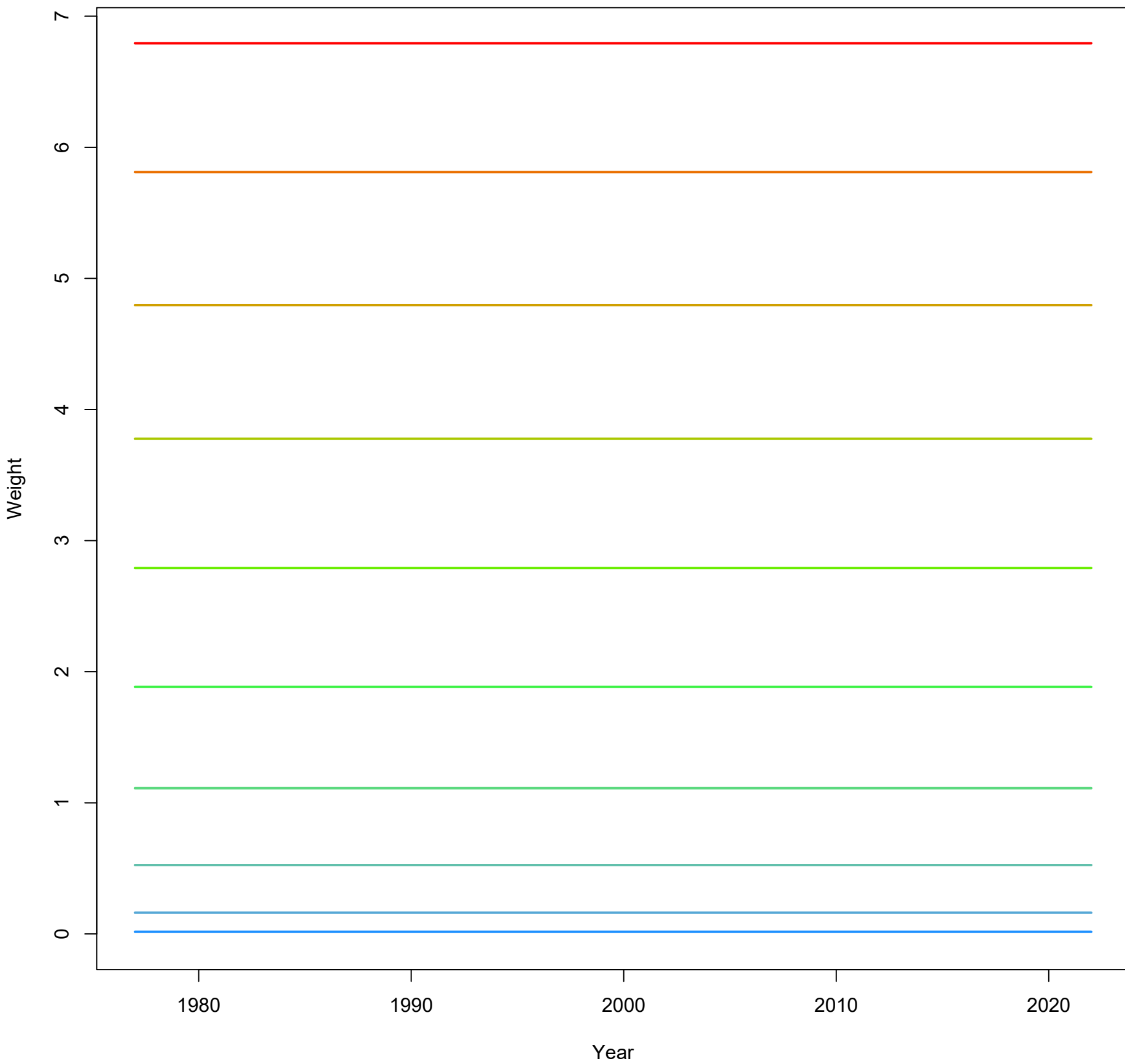




Annual Predicted Weight-at-Age for SSB

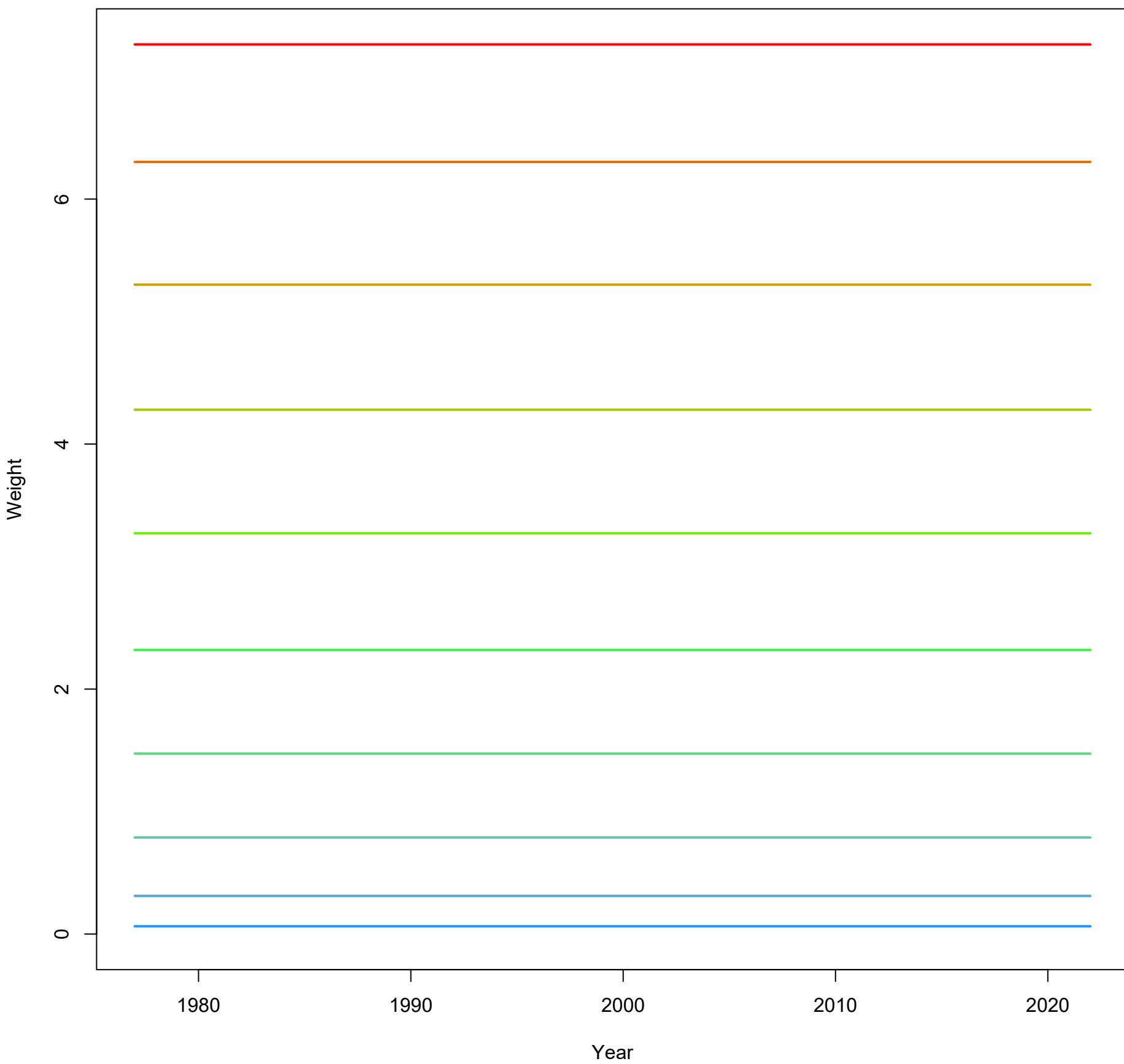


**Annual Predicted Weight-at-Age for January 1 Biomass**

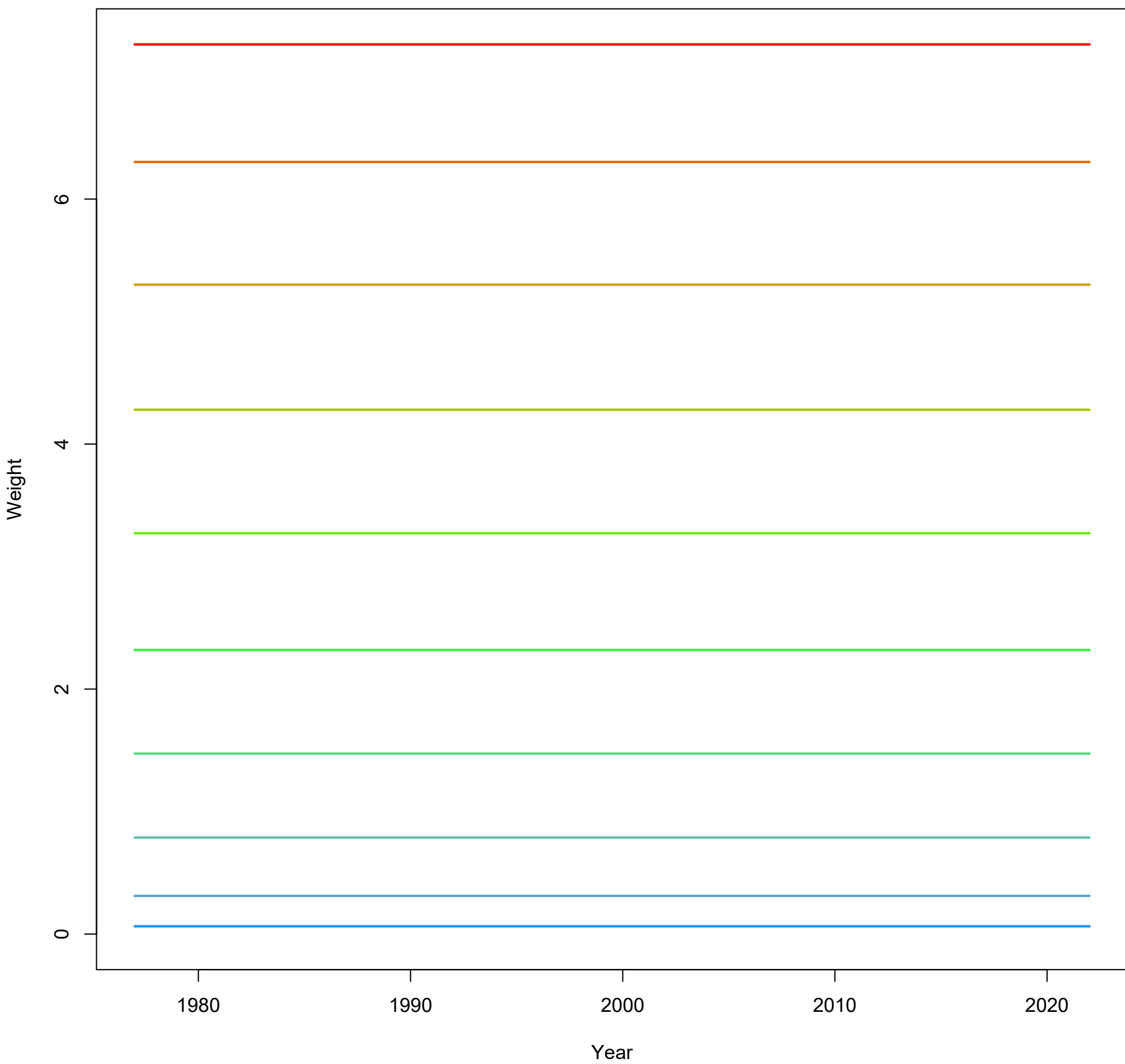




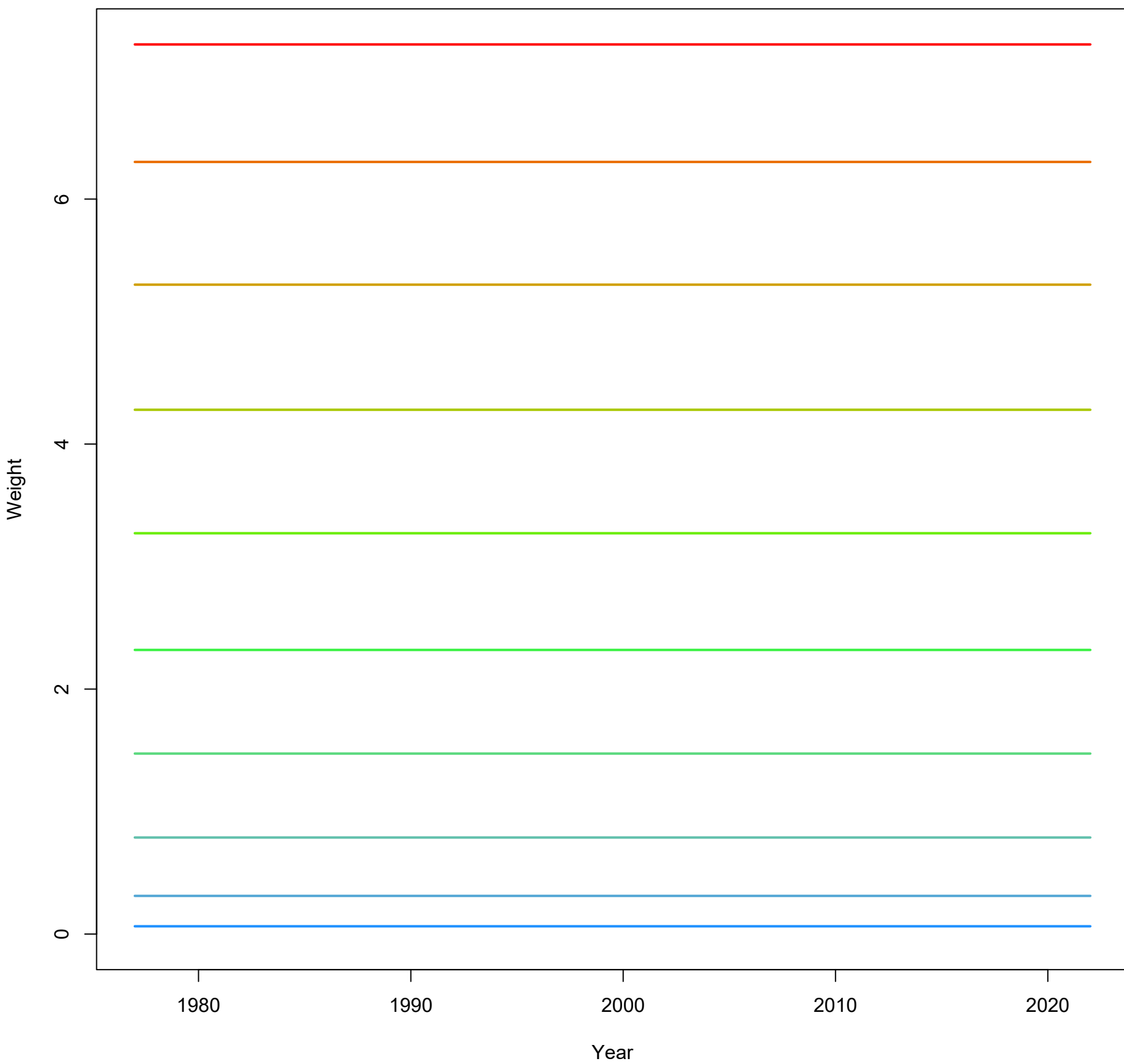
Annual Predicted Weight-at-Age for Total Catch



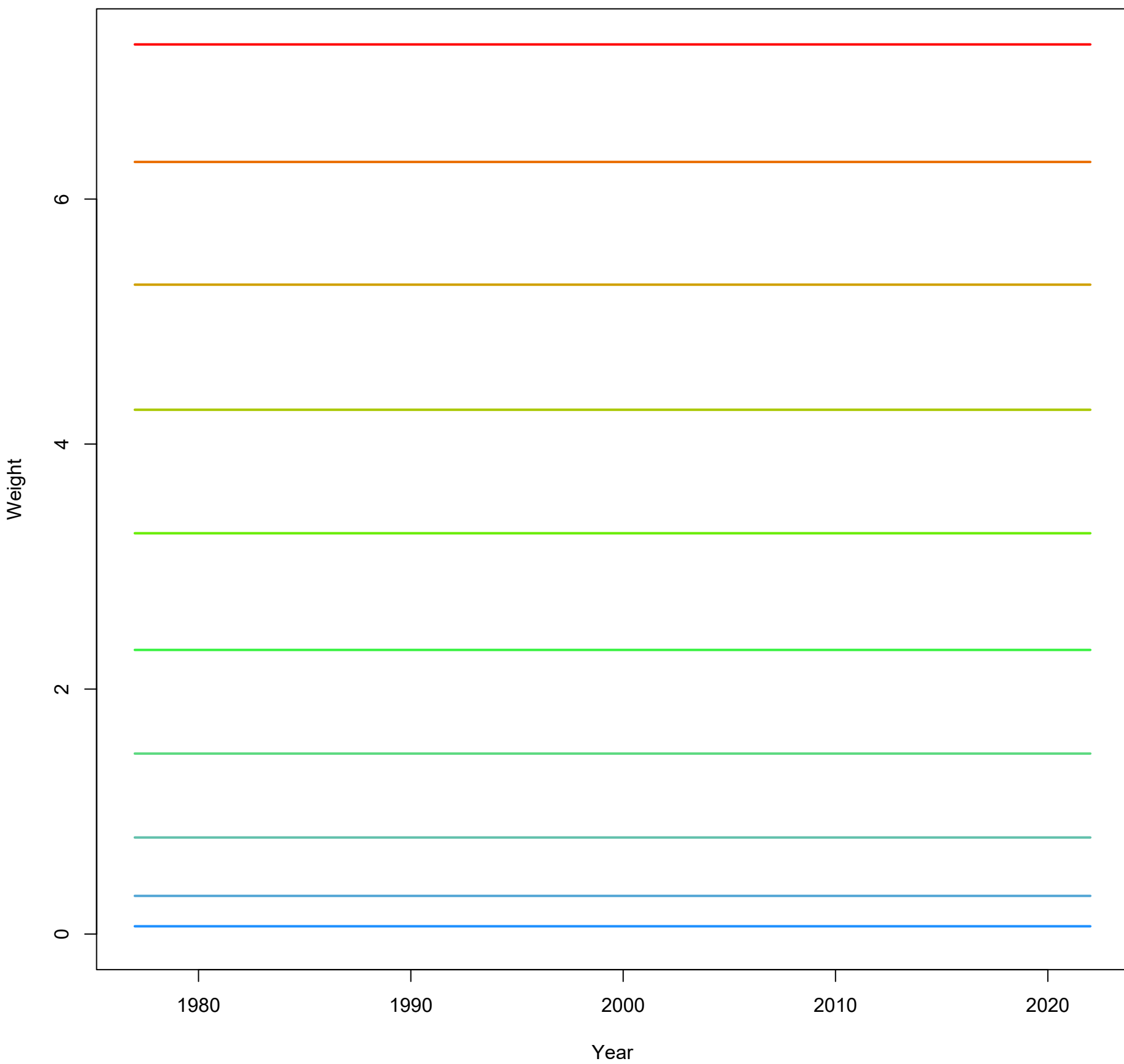
**Annual Predicted Weight-at-Age for Fleet 1**



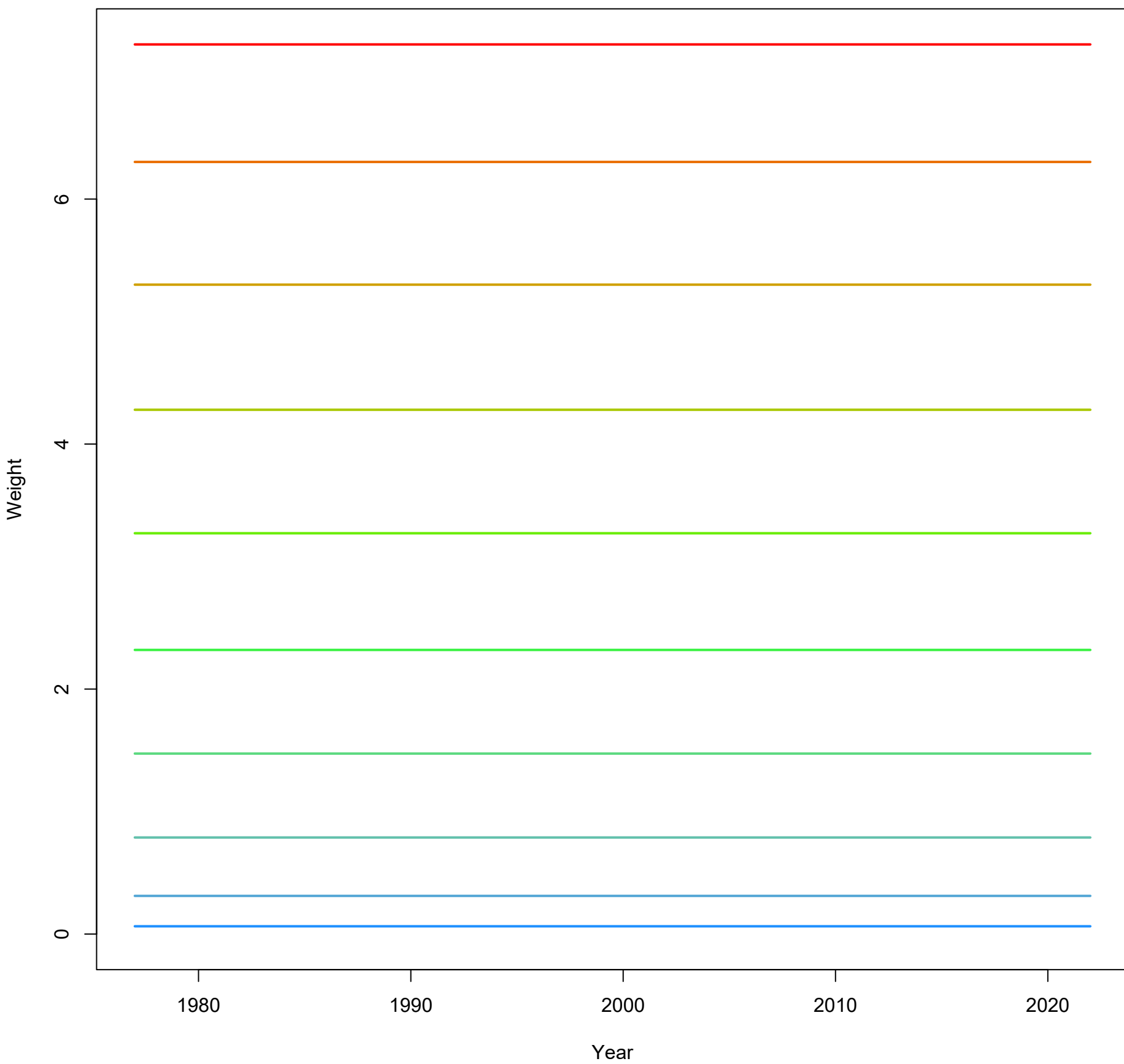
**Annual Predicted Weight-at-Age for Fleet 2**



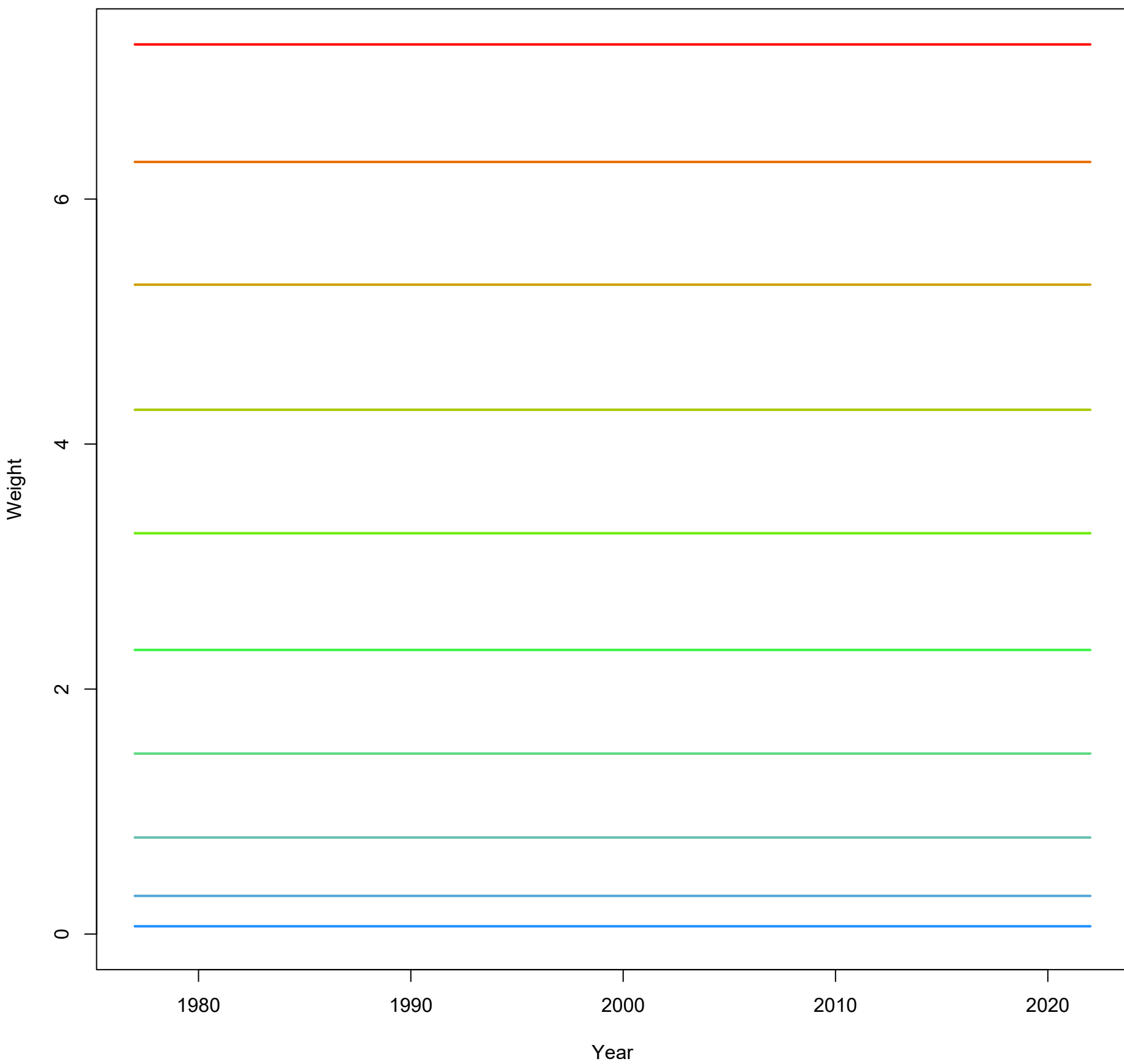
**Annual Predicted Weight-at-Age for Fleet 3**

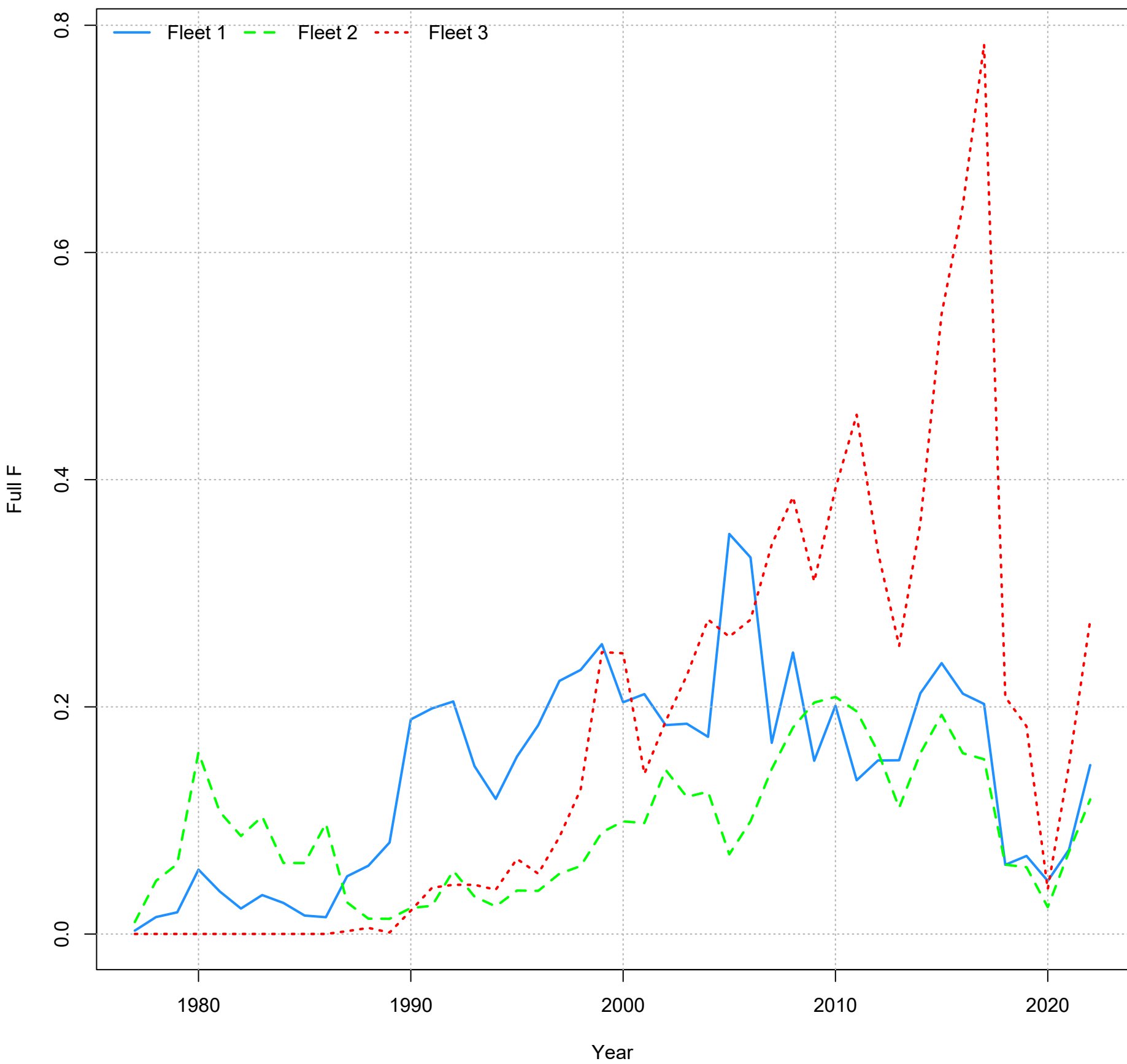


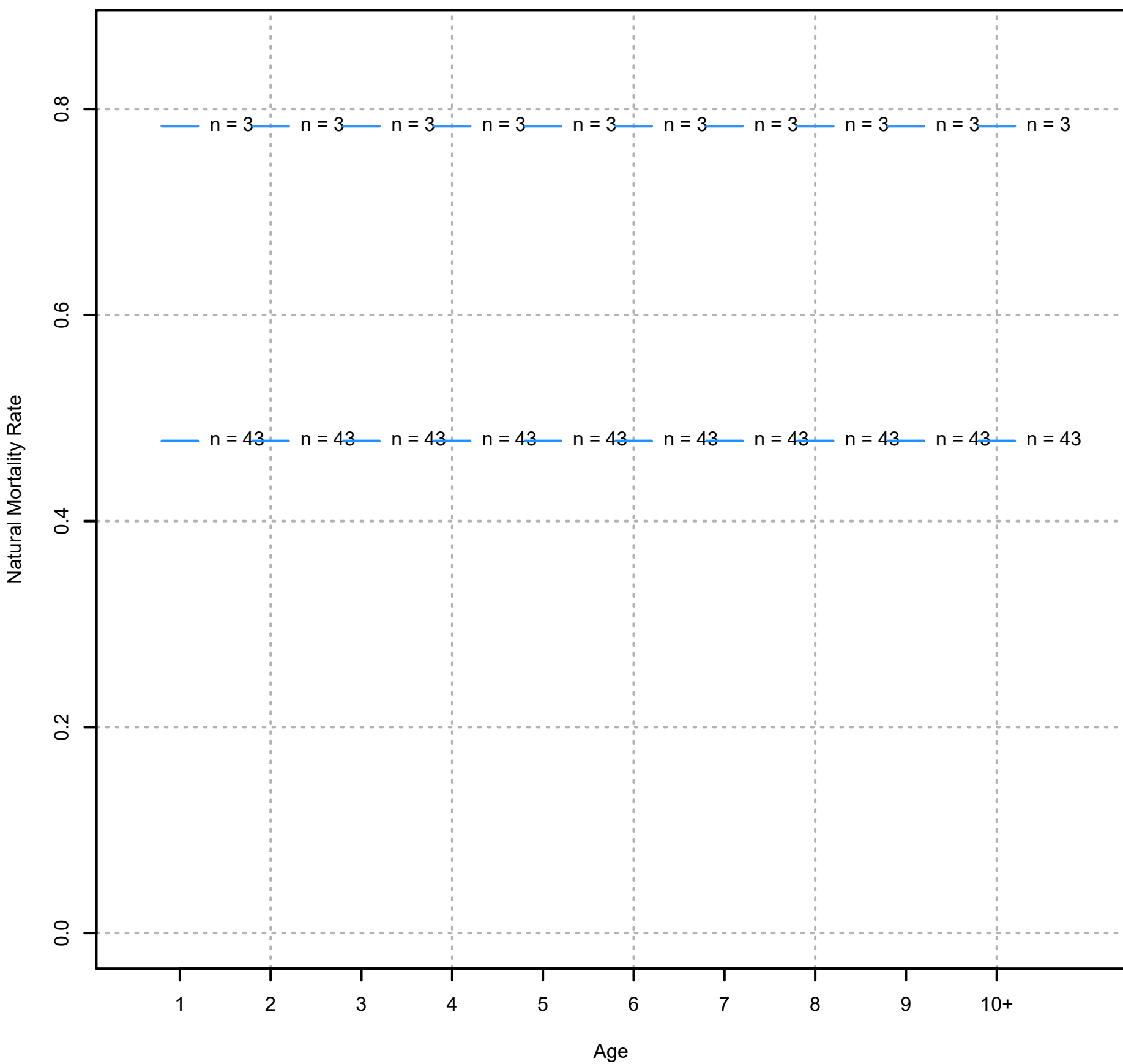
**Annual Predicted Weight-at-Age for Index 1**



**Annual Predicted Weight-at-Age for Index 2**



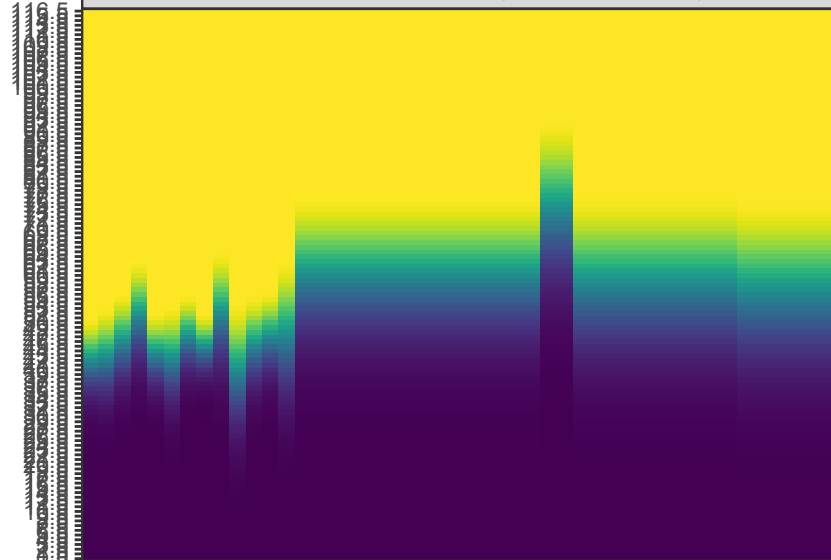




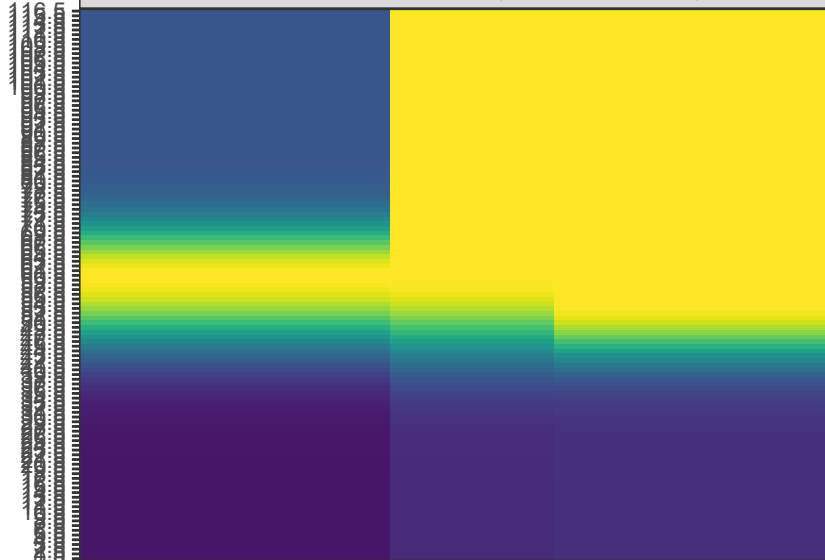


Bin

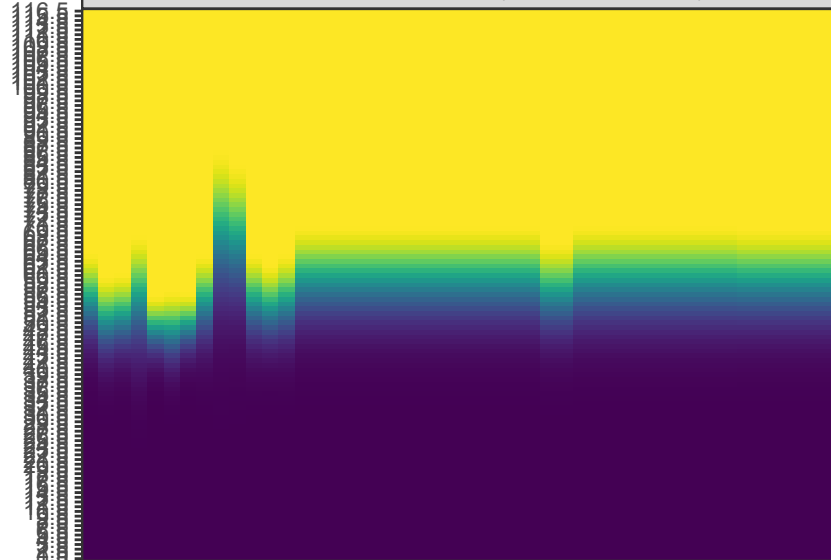
Block 1: len-double-normal (IID random effects)



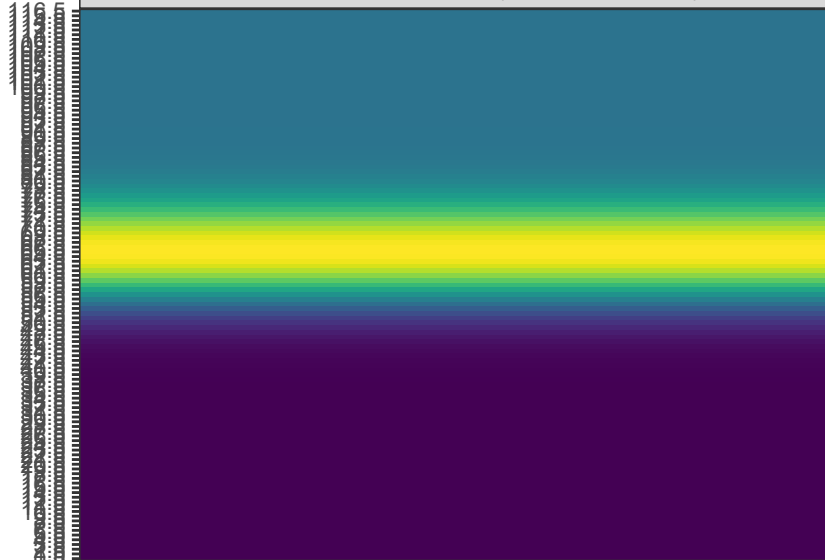
Block 4: len-double-normal (IID random effects)



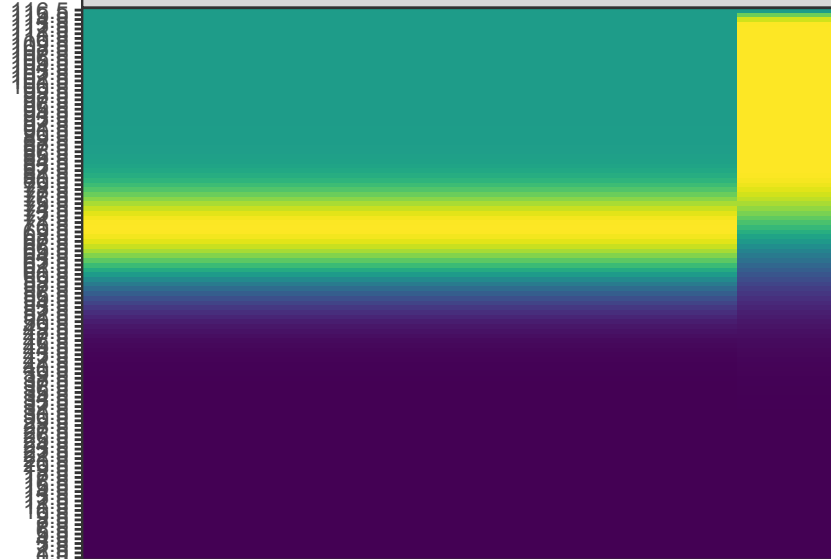
Block 2: len-double-normal (IID random effects)



Block 5: len-double-normal (no random effects)



Block 3: len-double-normal (IID random effects)



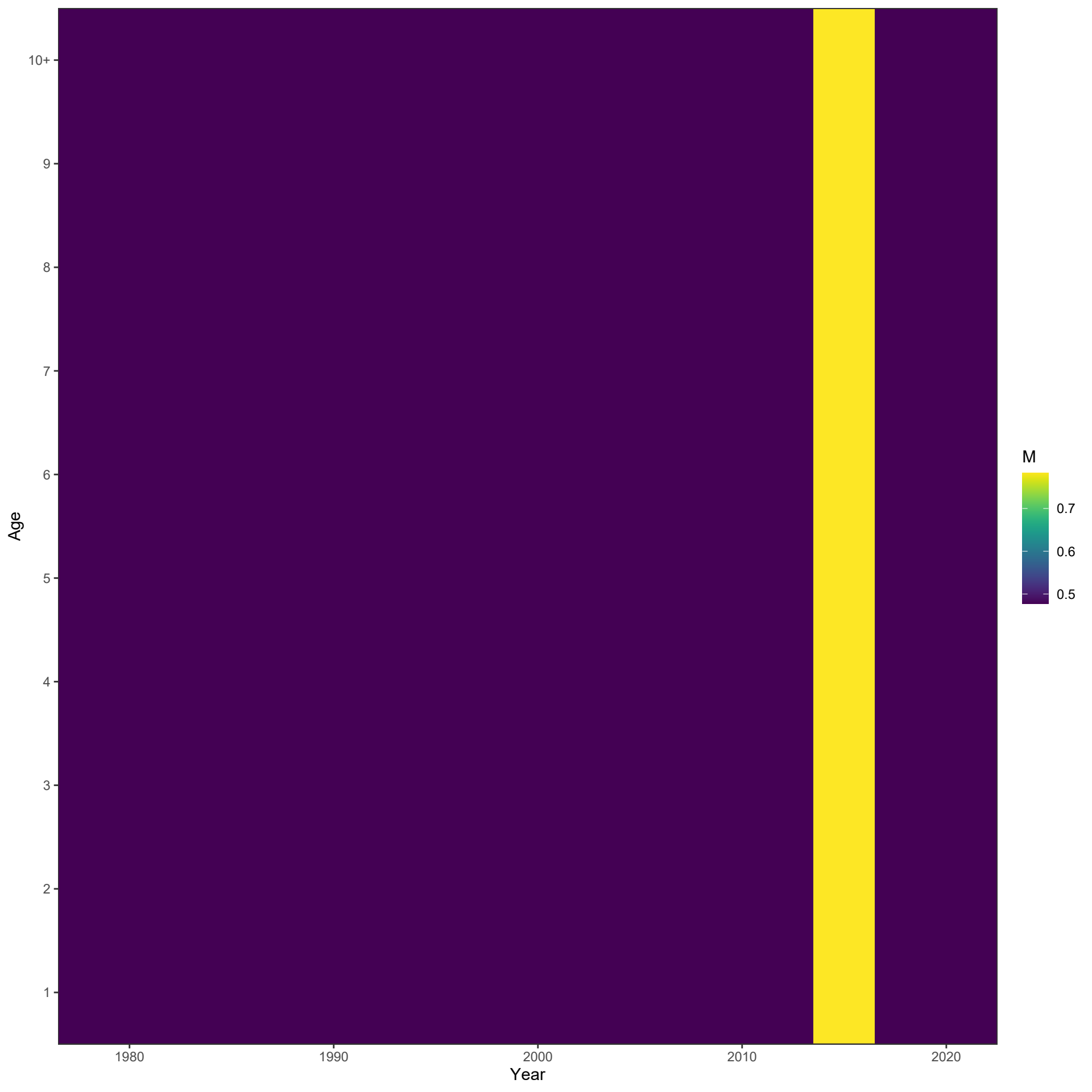
Selectivity

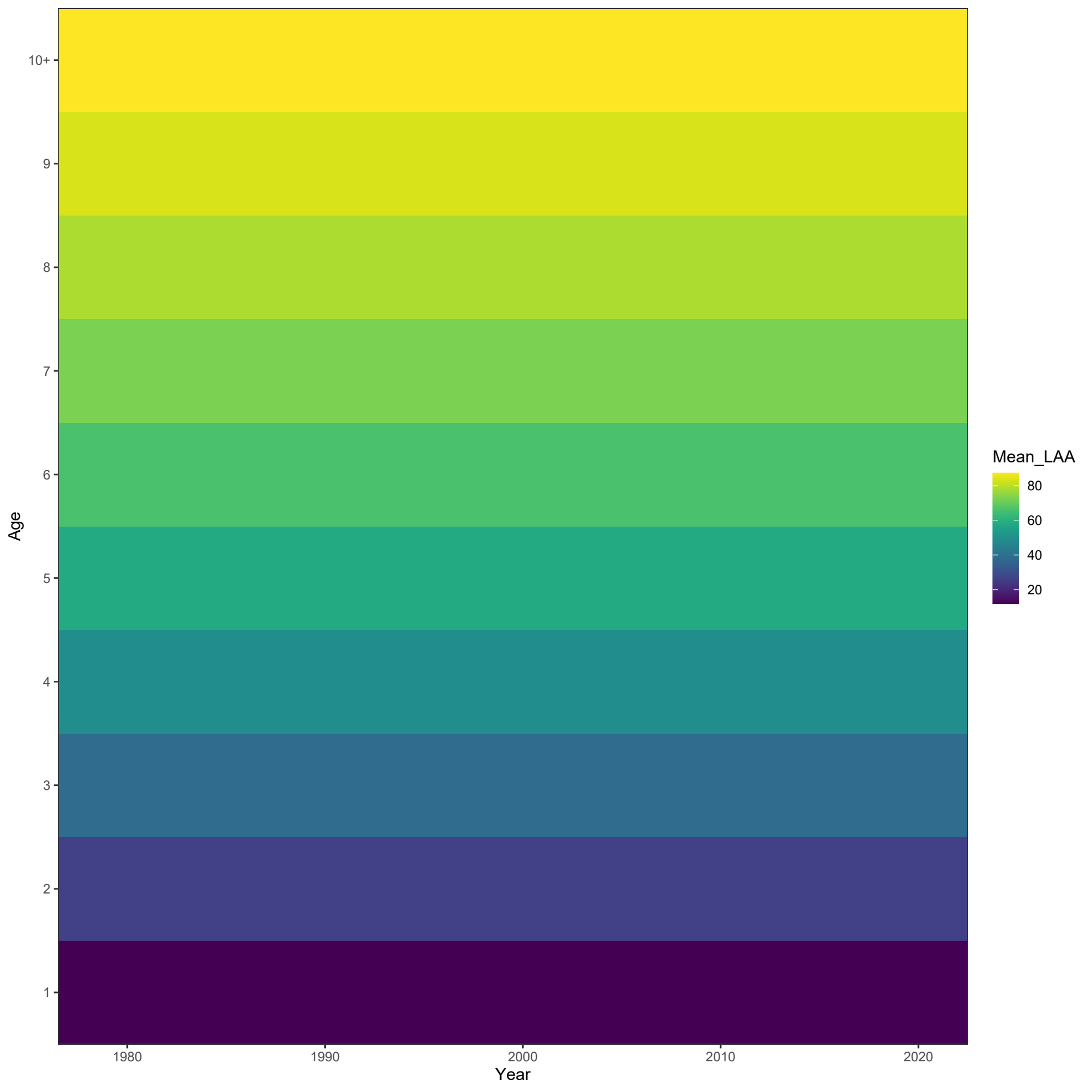
0.75

0.50

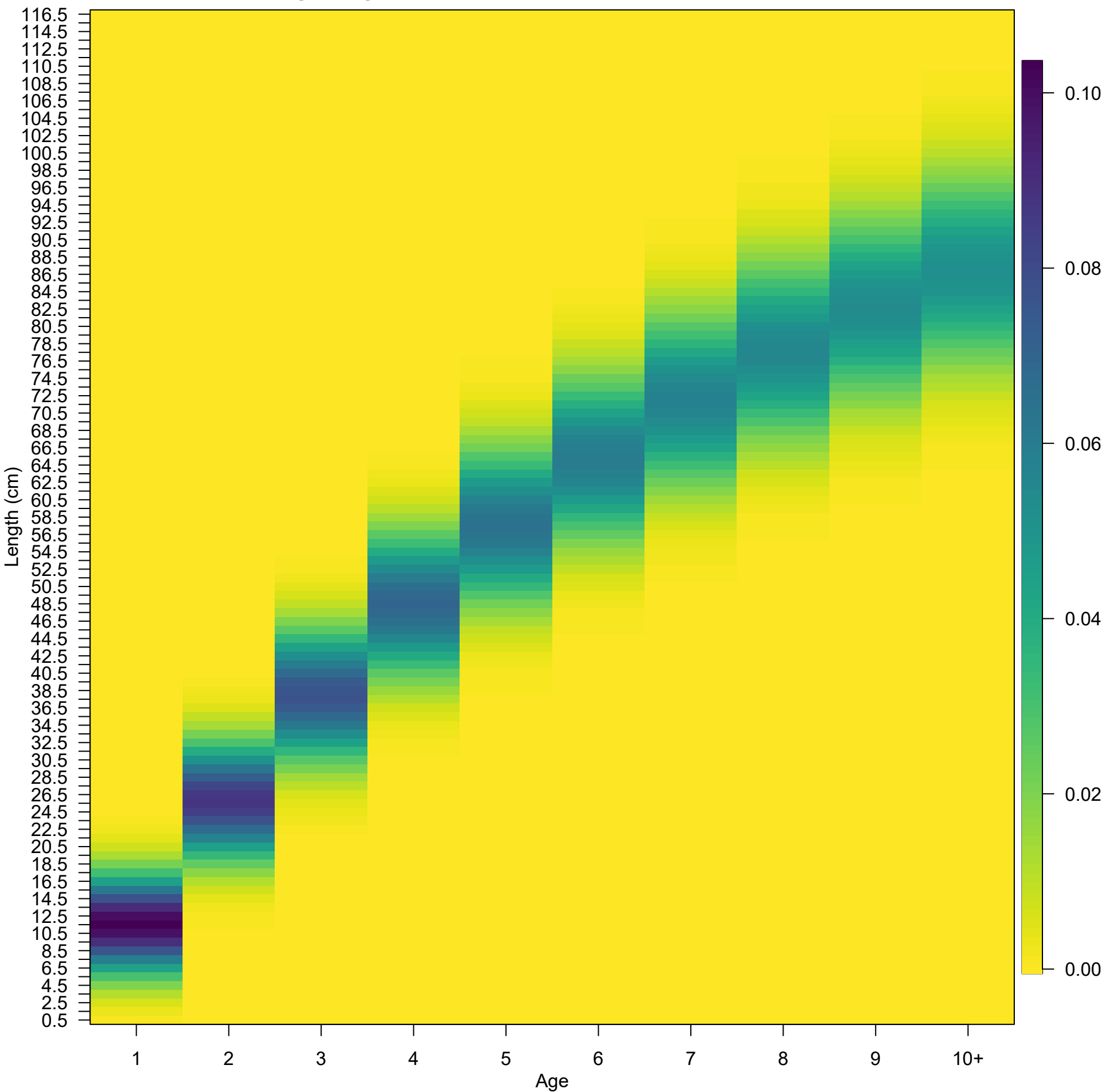
0.25

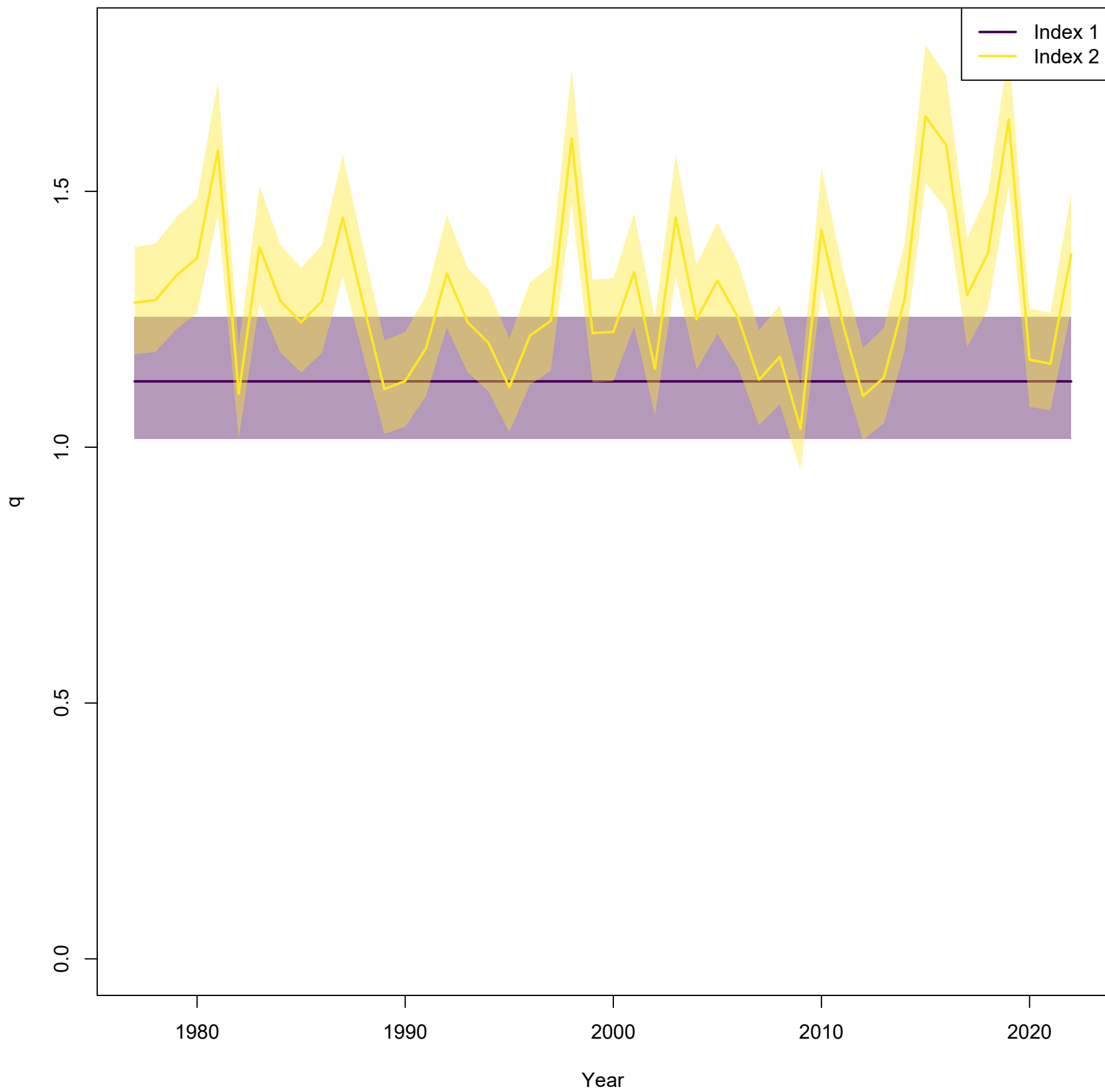
Year





### Age-length transition matrix for Year 1977 (Jan 1st)





Ecov 1: env1

