

pollock\_a

Model years: 1970-2021

Projection years: none

Number of fleets: 1

Fleet Age Comp Models: Multinomial

Number of indices: 6

Index Age Comp Models: Multinomial, Multinomial, Multinomial, Multinomial, Multinomial, Multinomial

Recruitment model: Random about mean

No Environmental covariates.

Number of Selectivity blocks: 7

lock Types: Double-Logistic, Age-specific, Double-Logistic, Double-Logistic, Age-specific, Age-specific, Double-Logistic

Fleet 1 Selectivity Blocks: 1

Index 1 Selectivity Blocks: 2

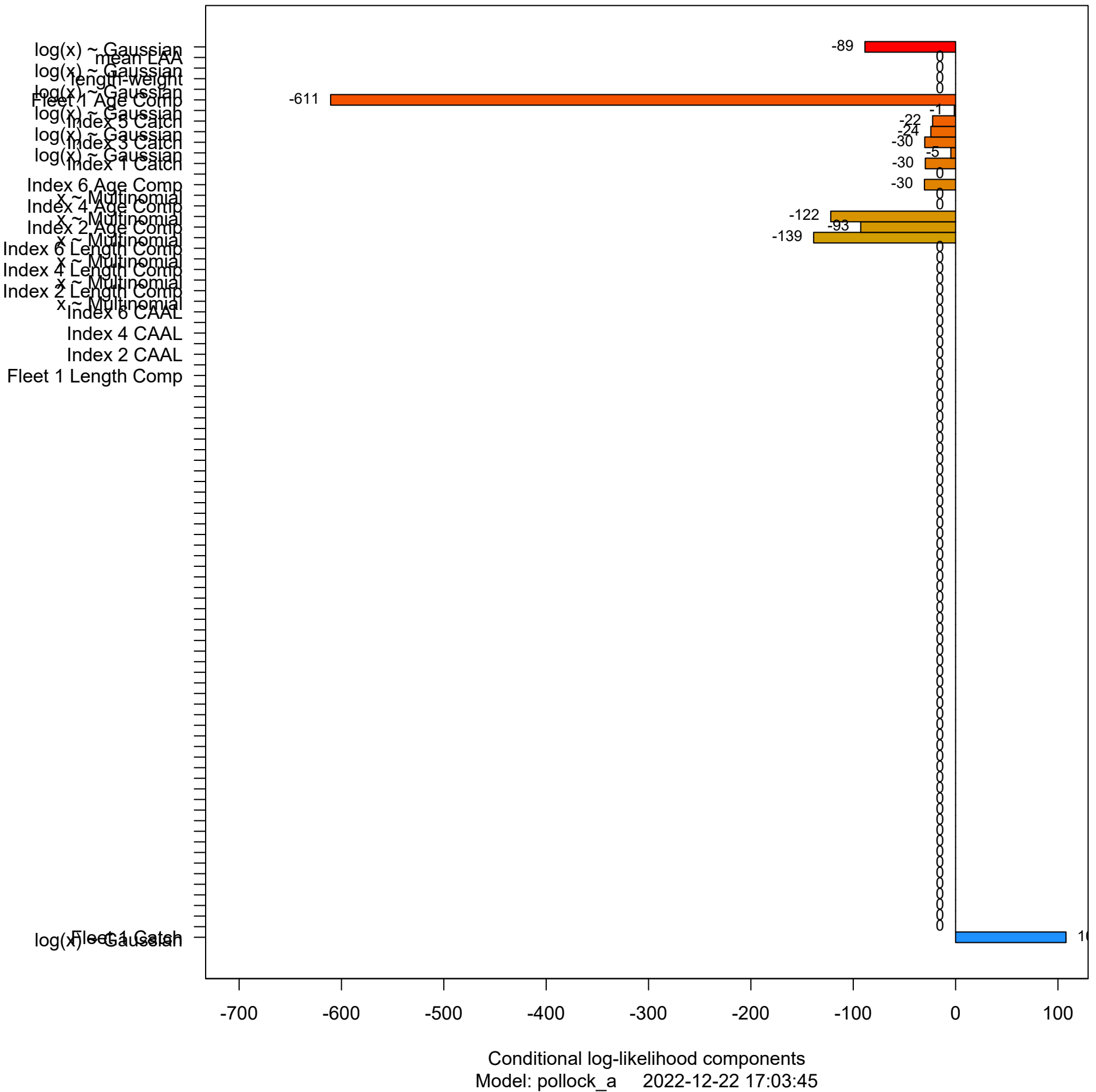
Index 2 Selectivity Blocks: 3

Index 3 Selectivity Blocks: 4

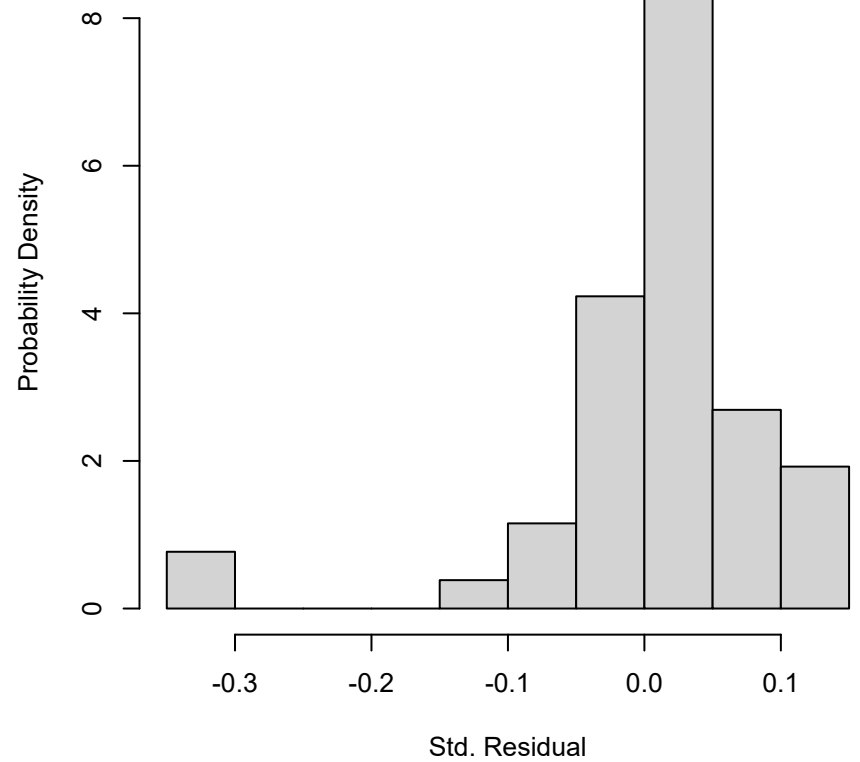
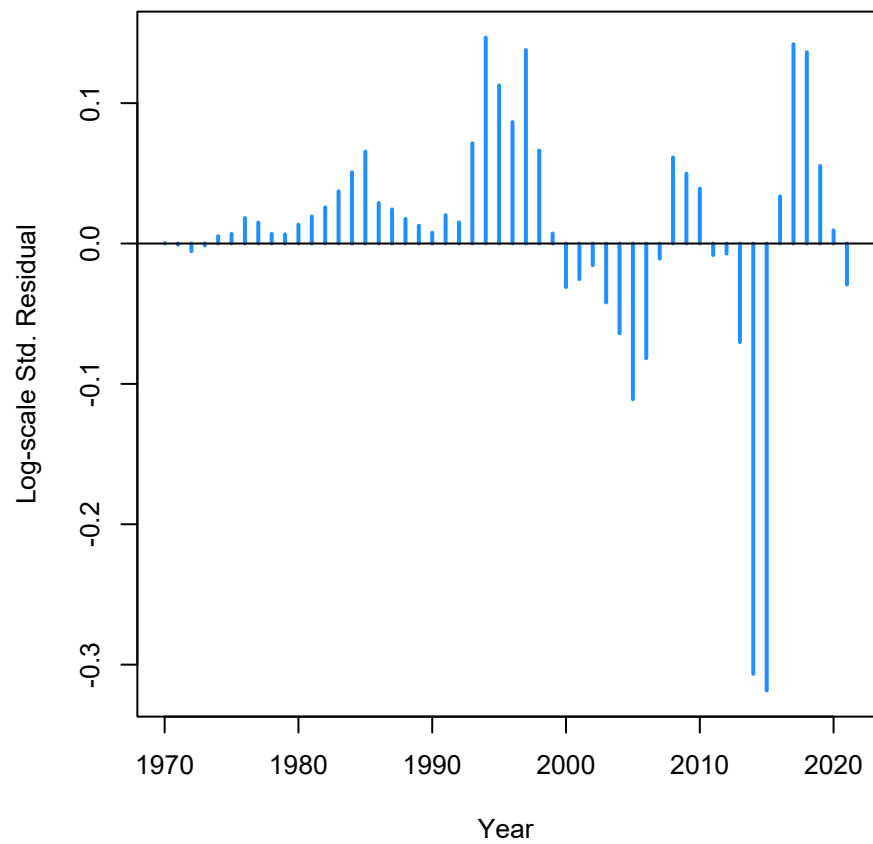
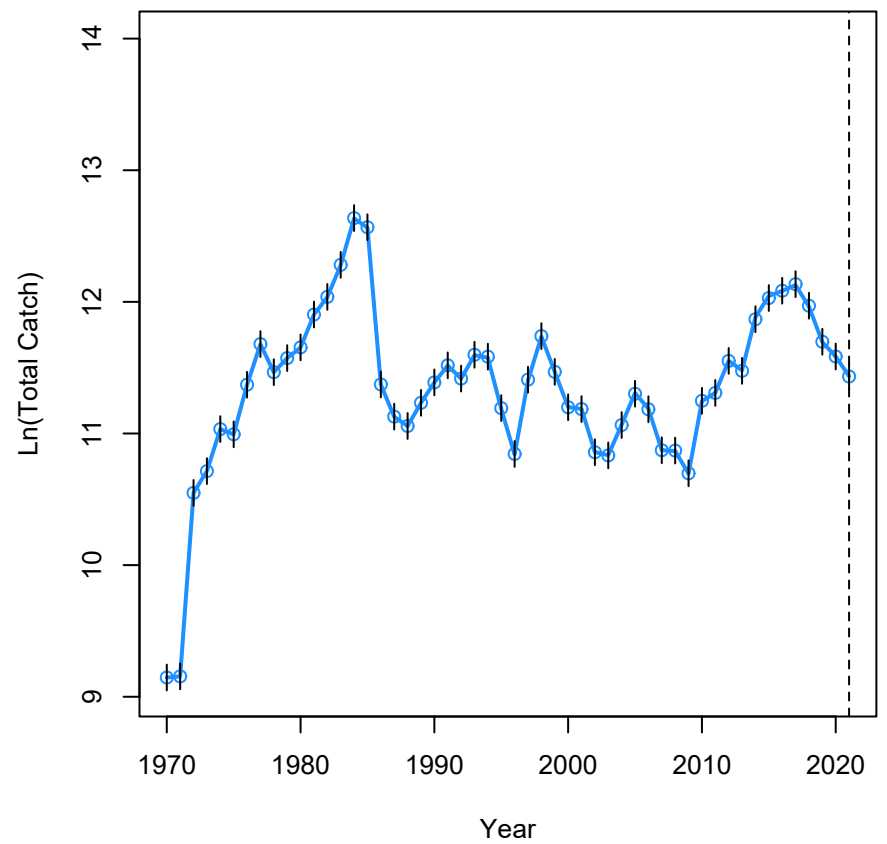
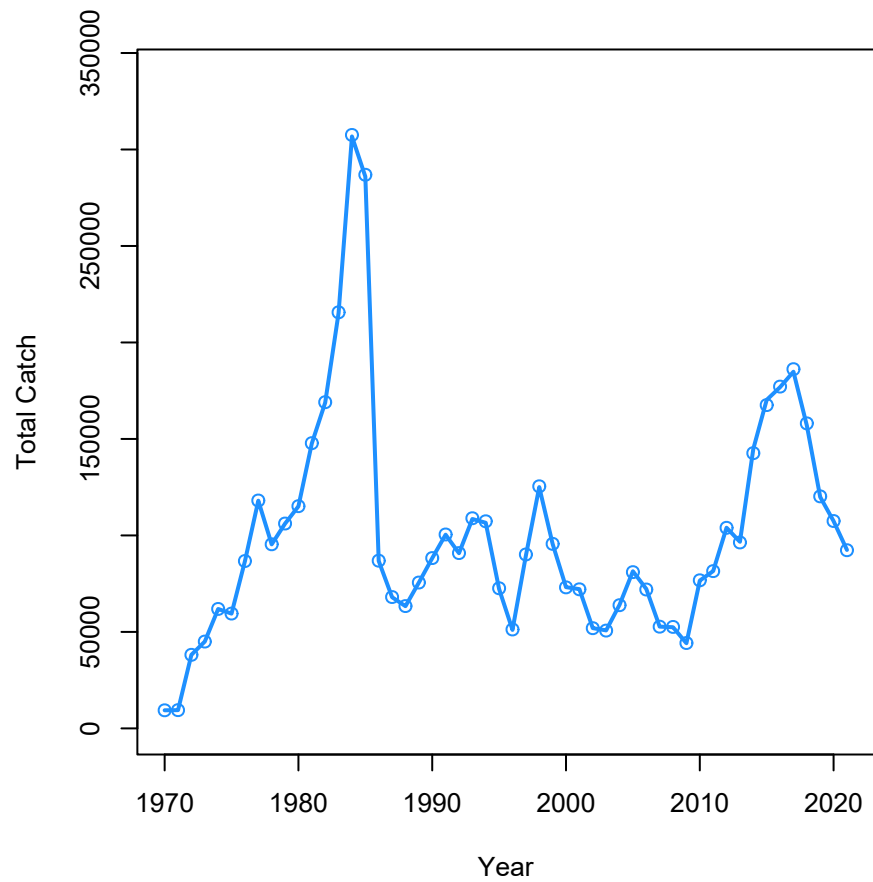
Index 4 Selectivity Blocks: 5

Index 5 Selectivity Blocks: 6

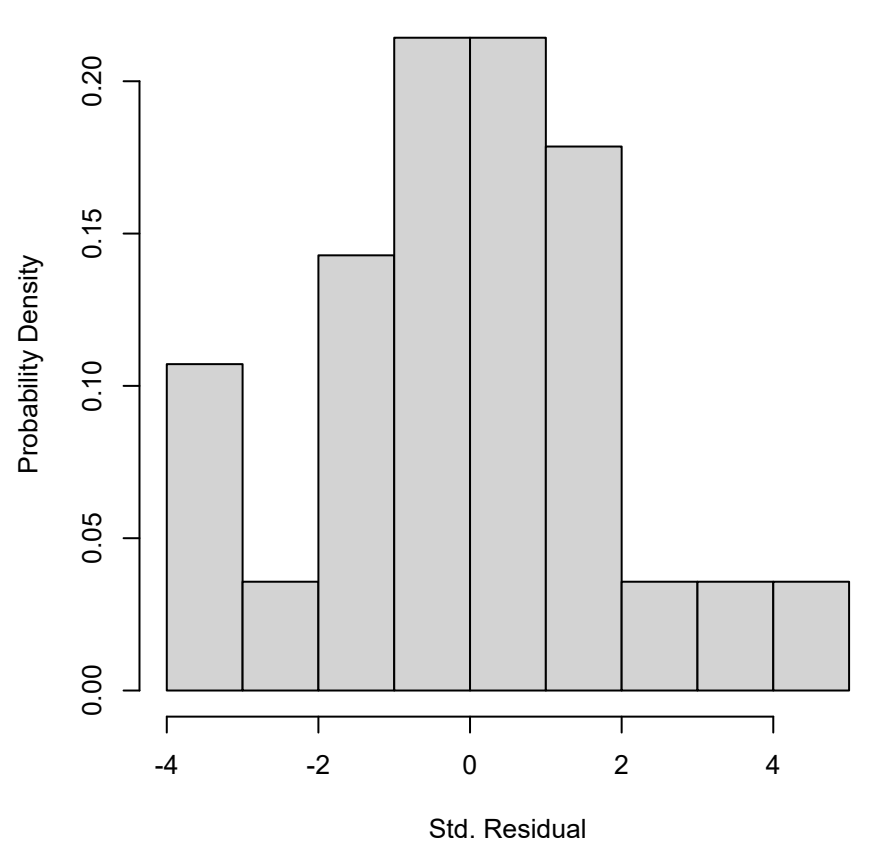
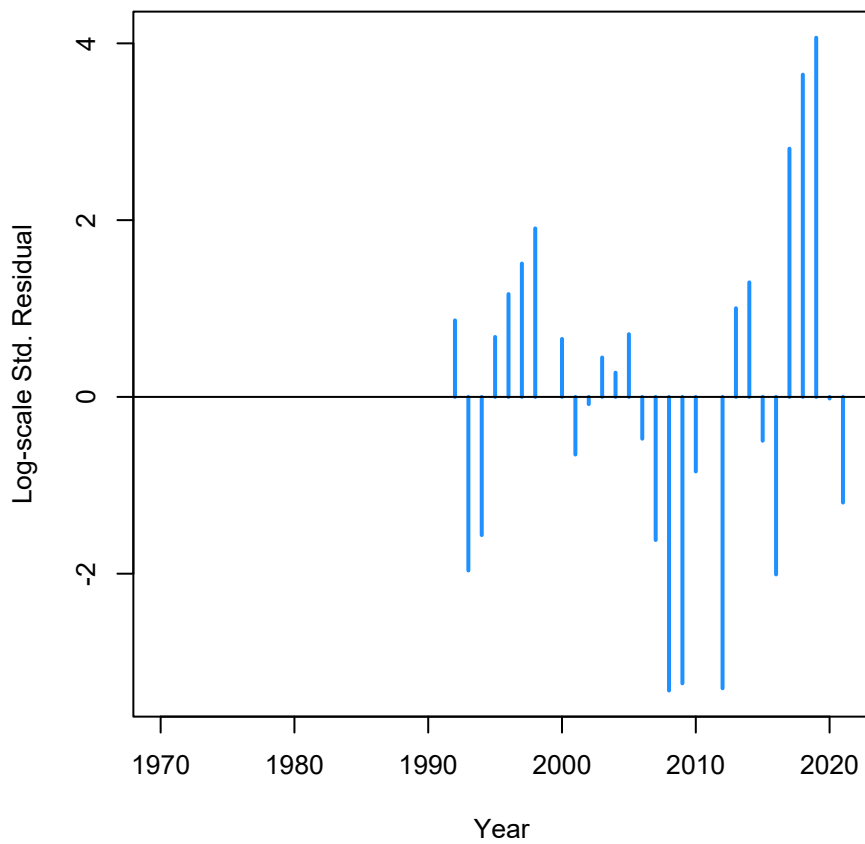
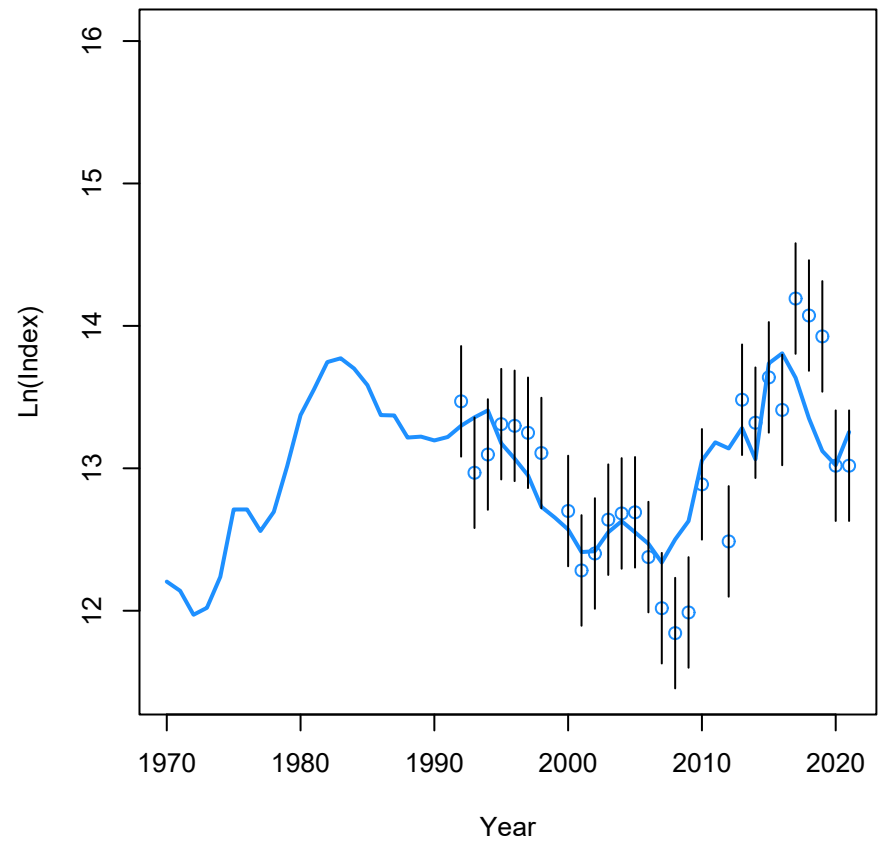
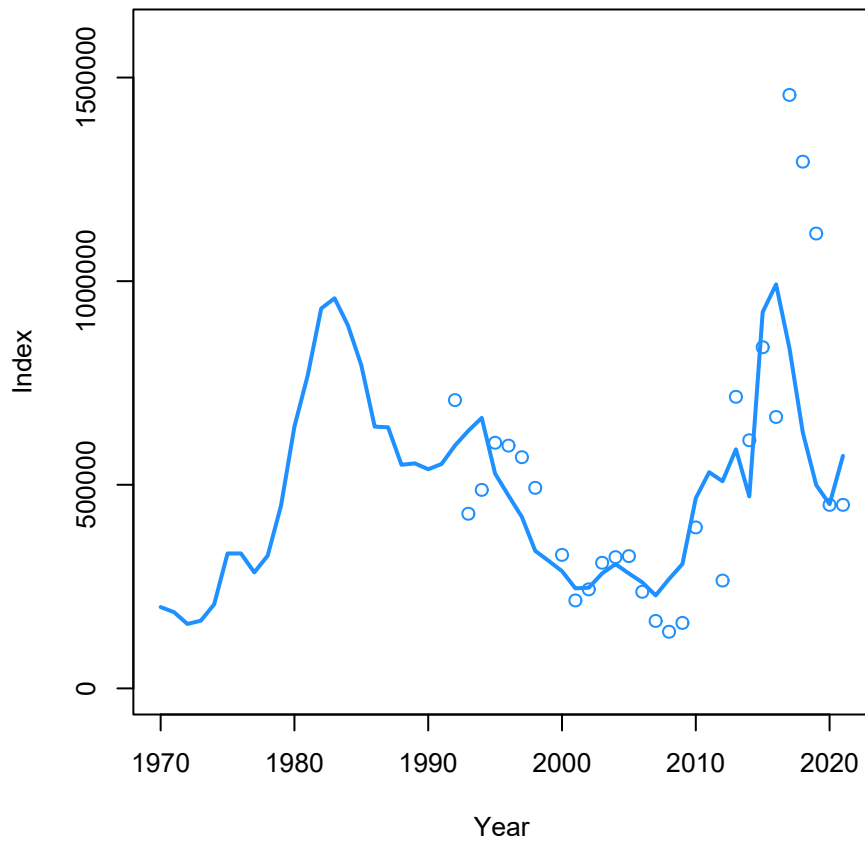
Index 6 Selectivity Blocks: 7



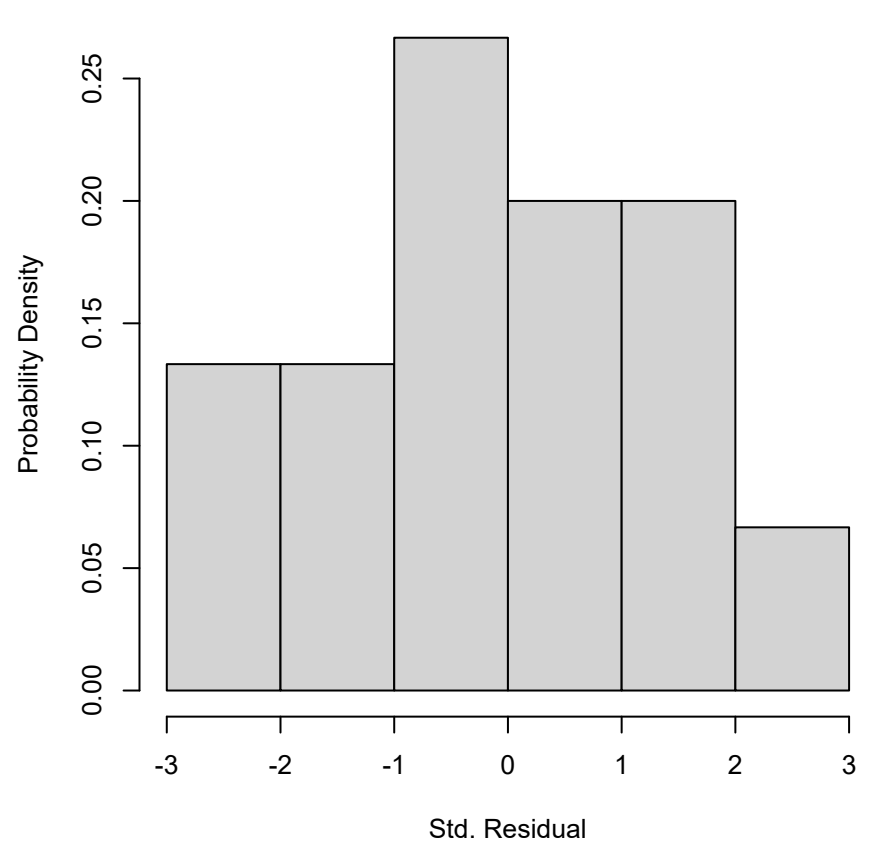
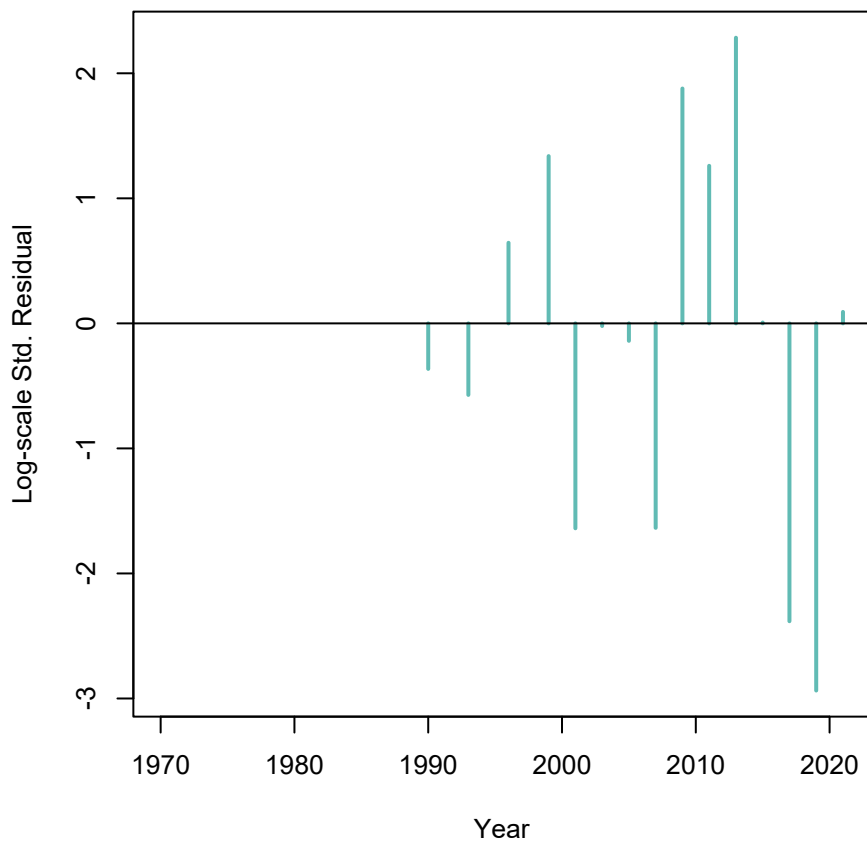
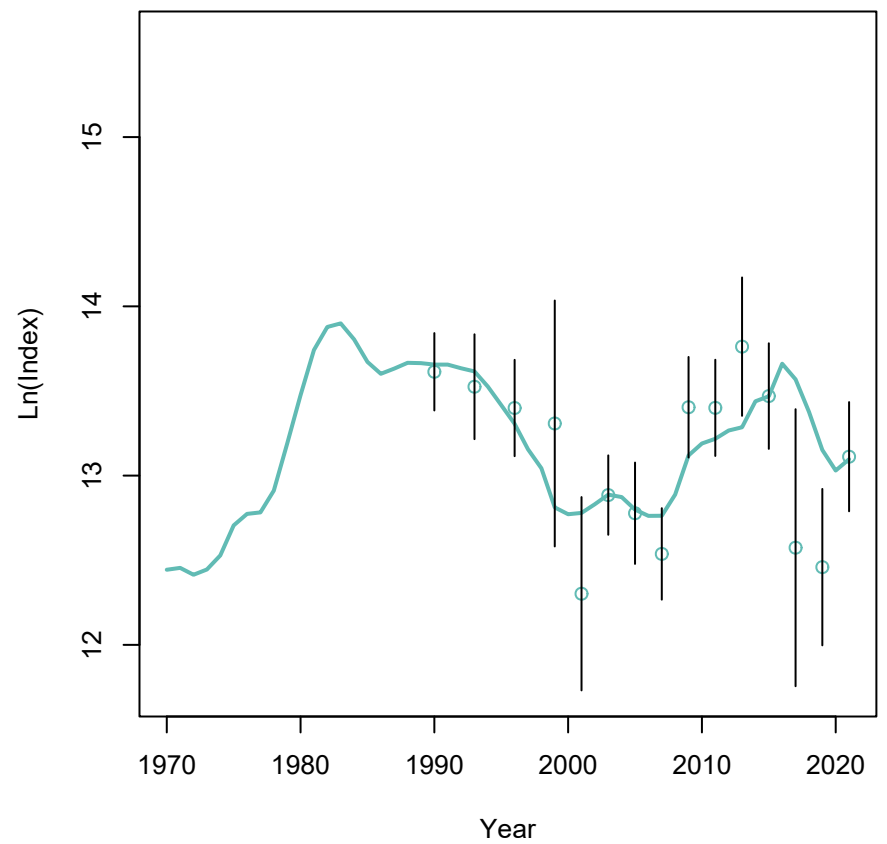
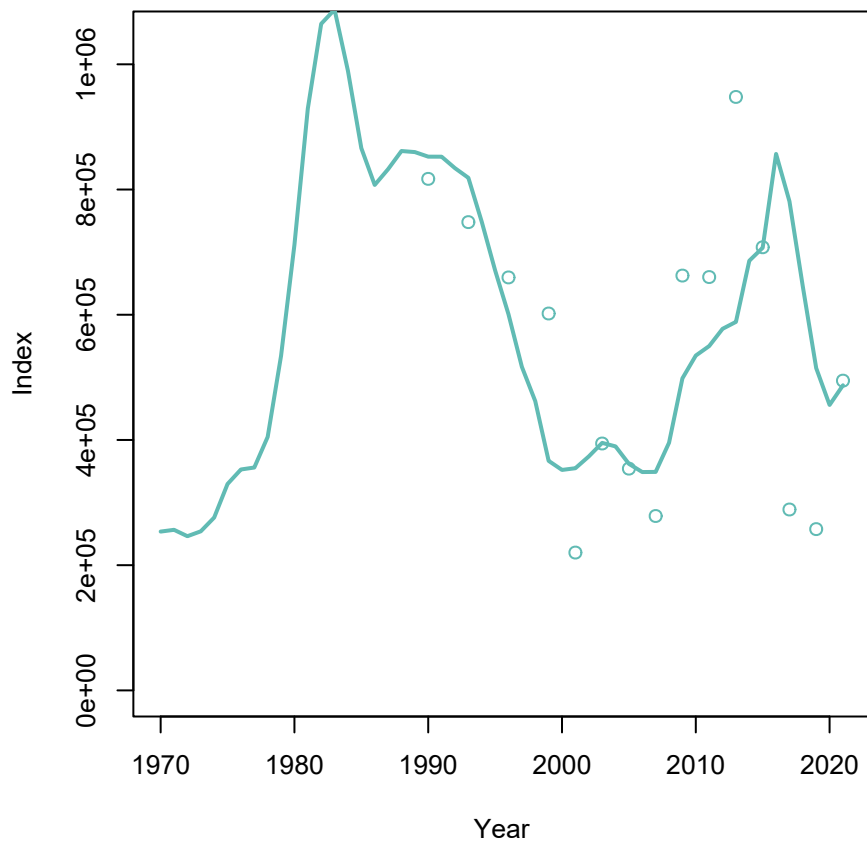
**Fleet 1 Catch**



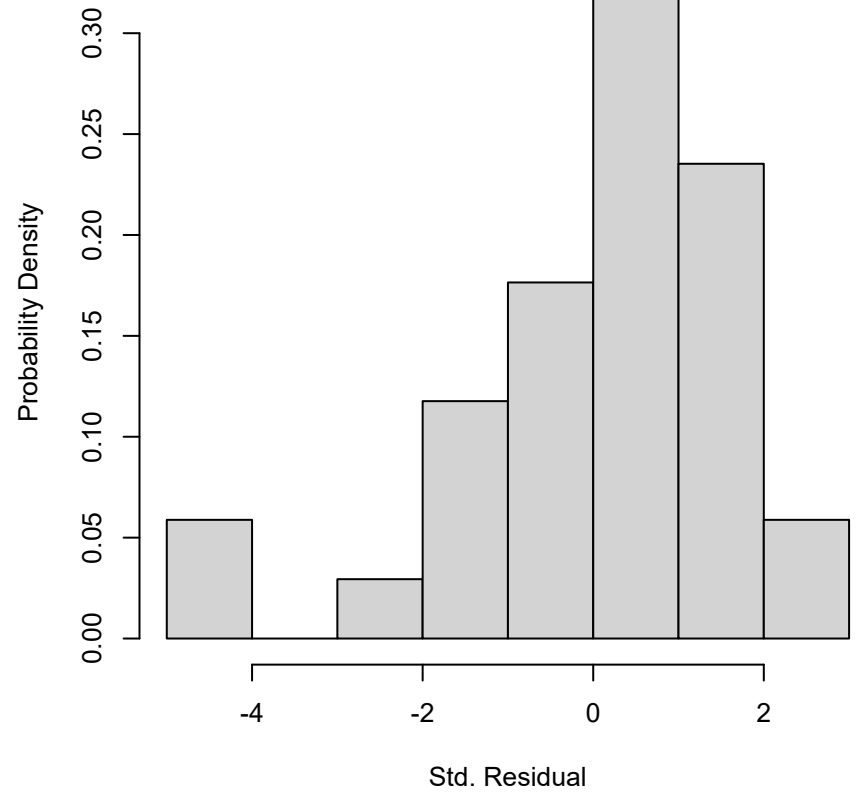
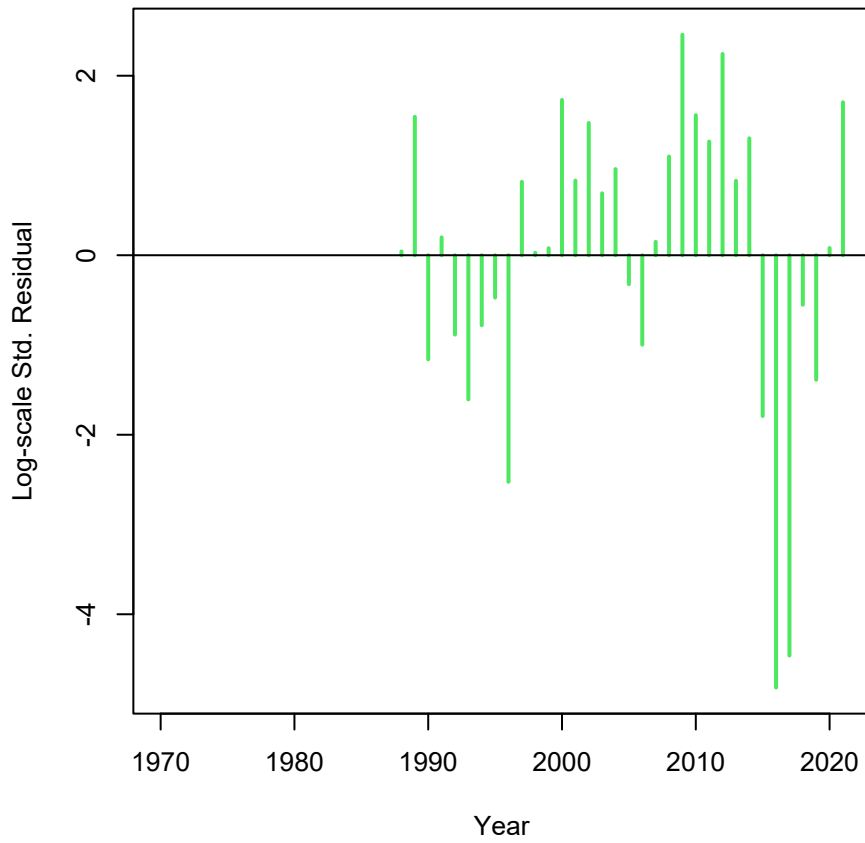
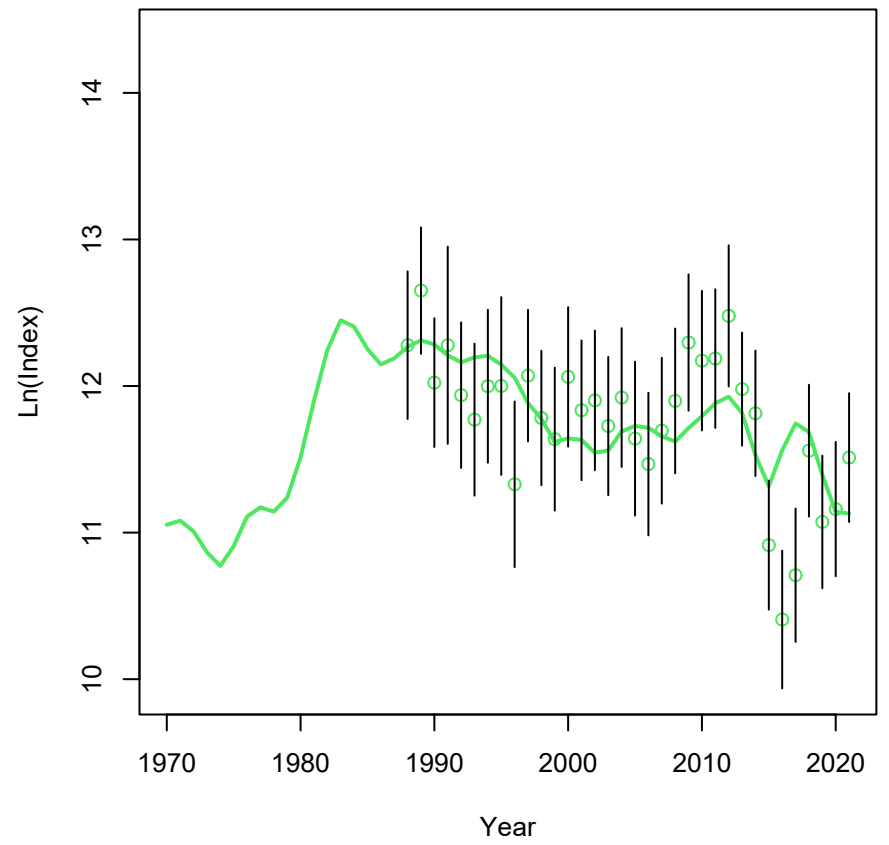
Index 1



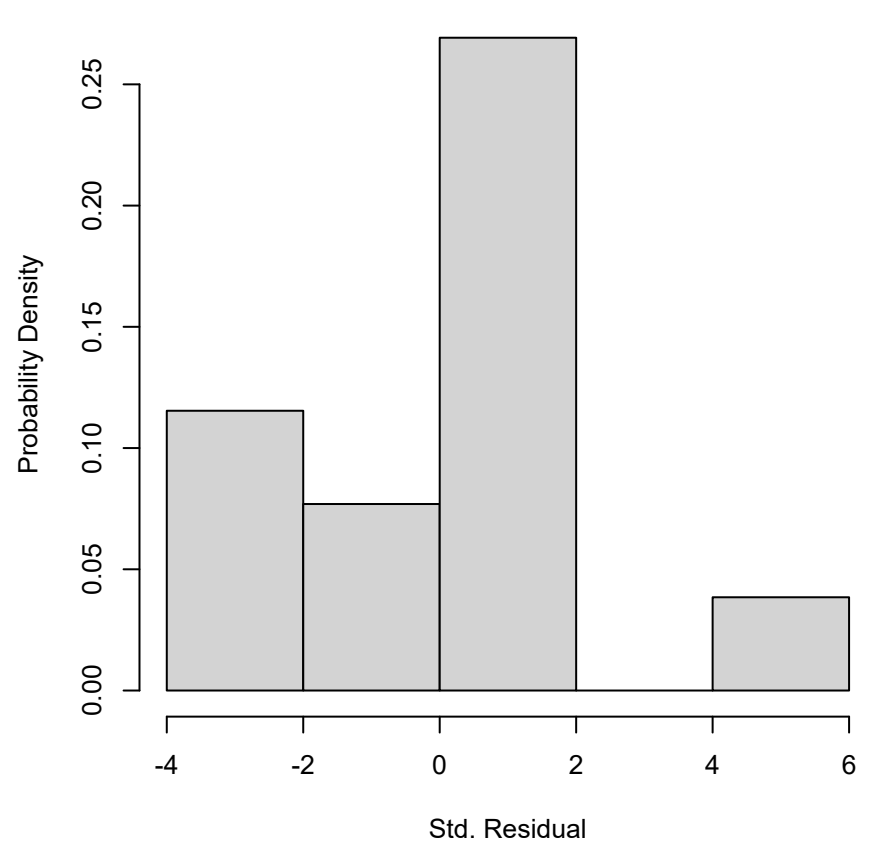
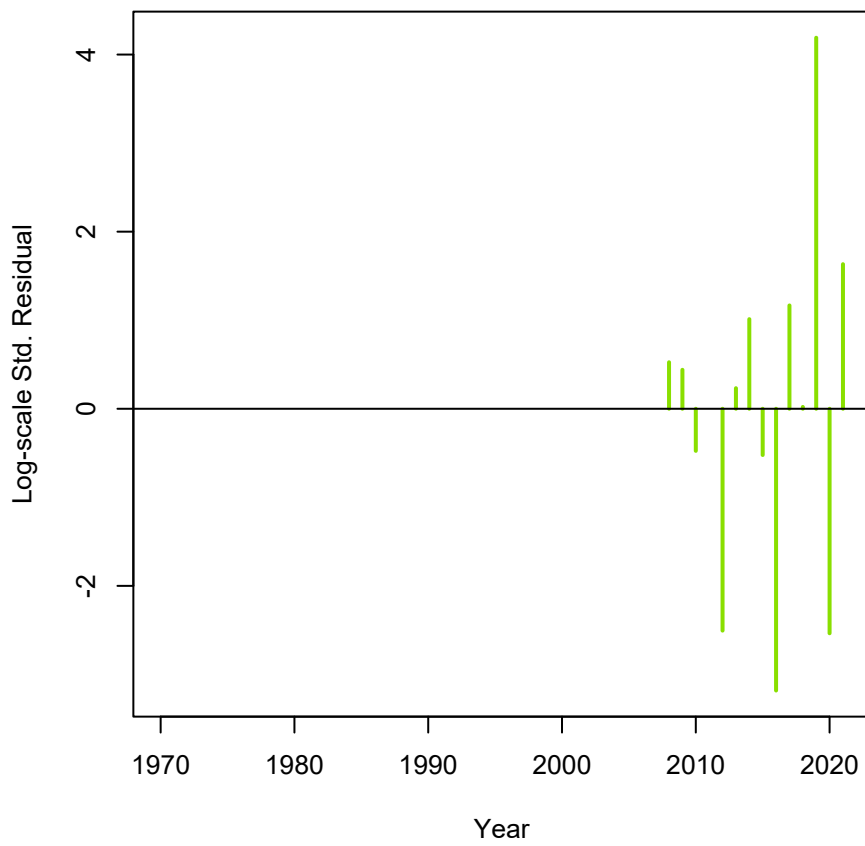
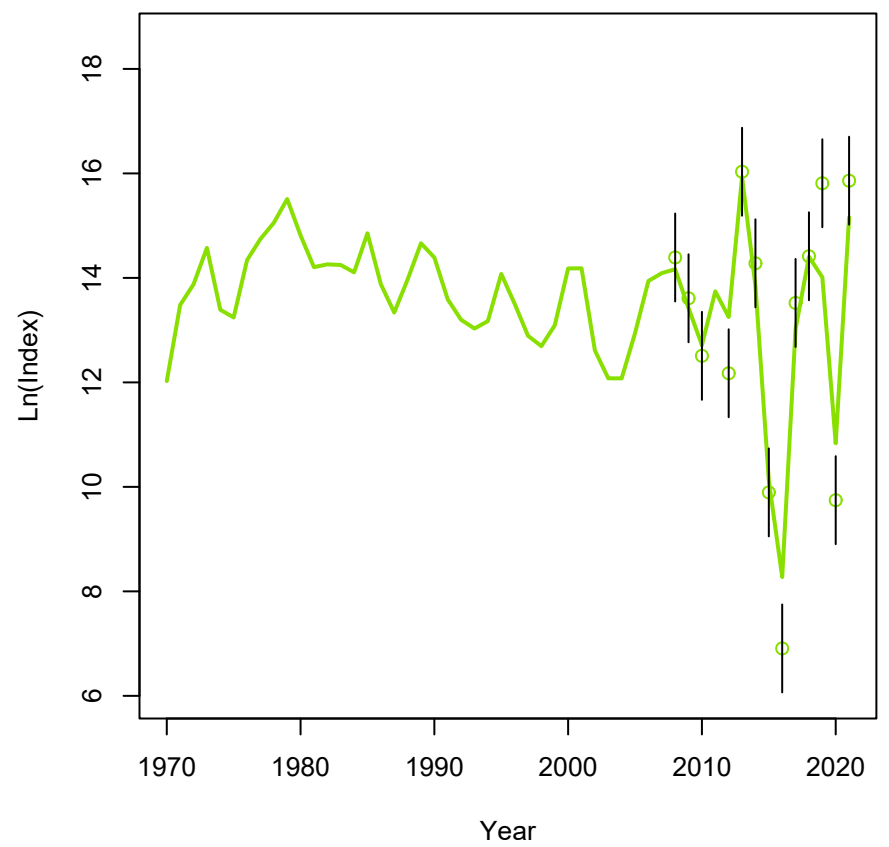
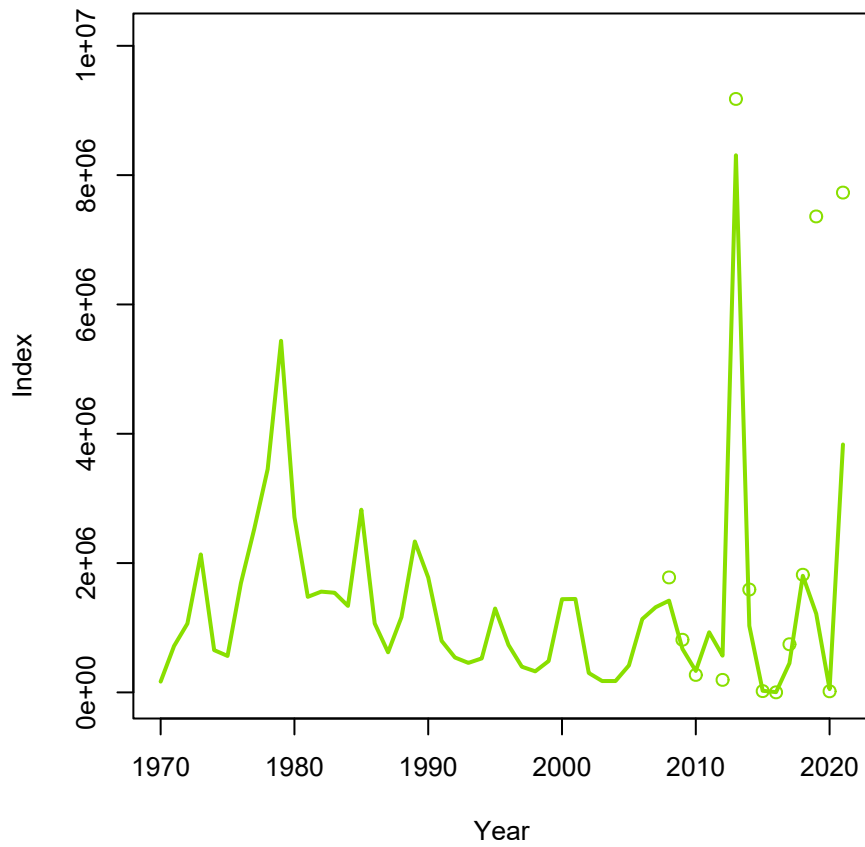
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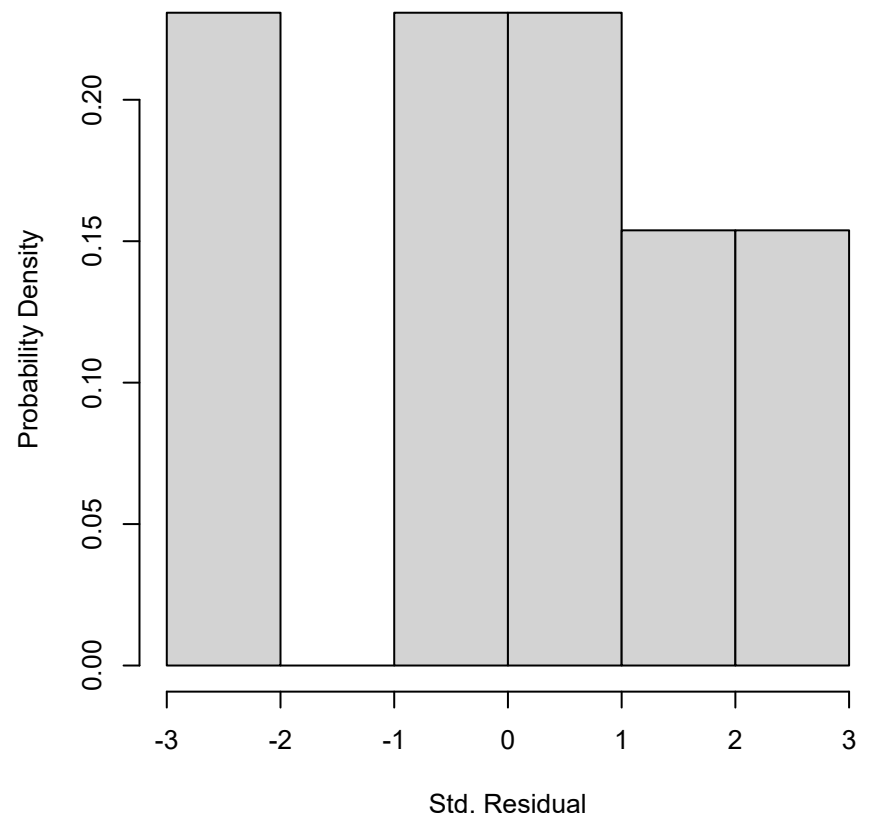
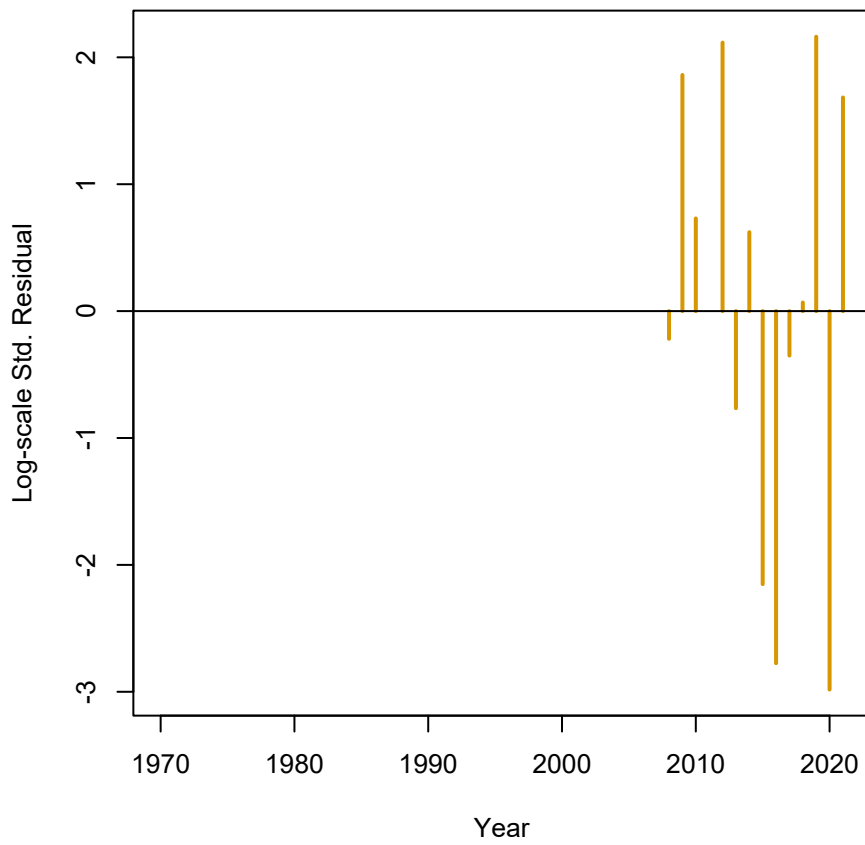
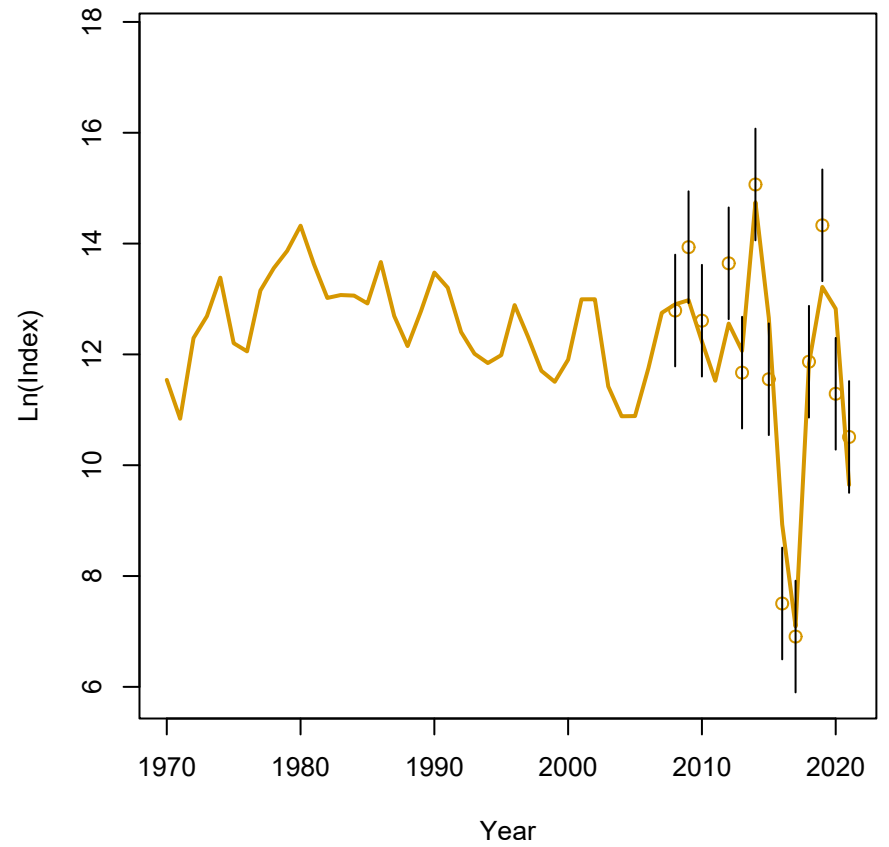
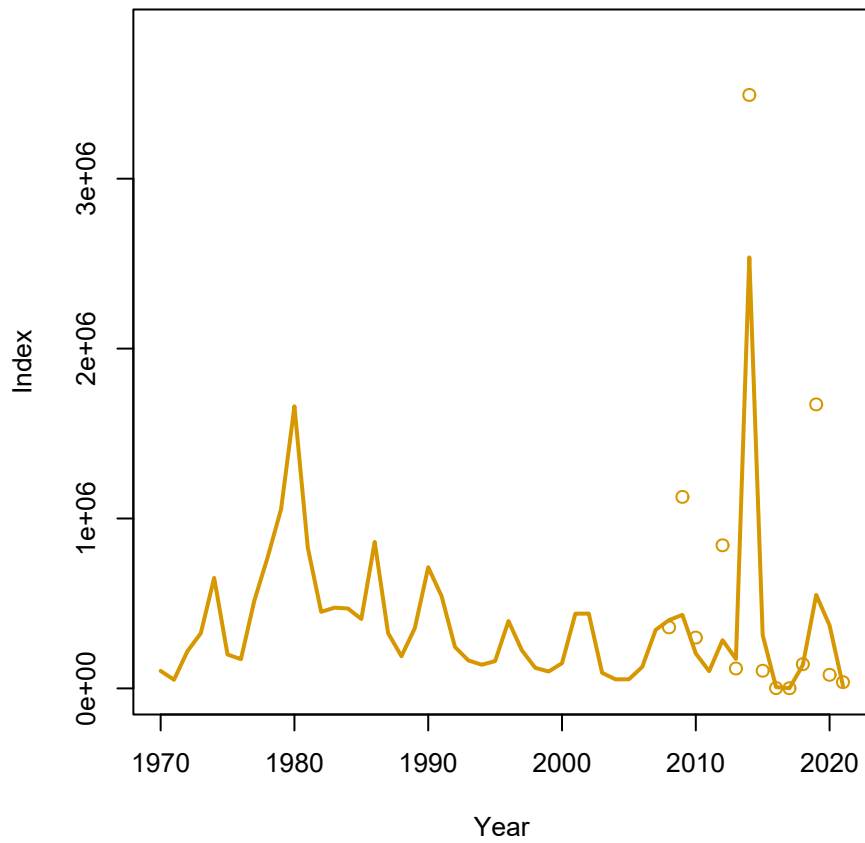
Index 3



Index 4

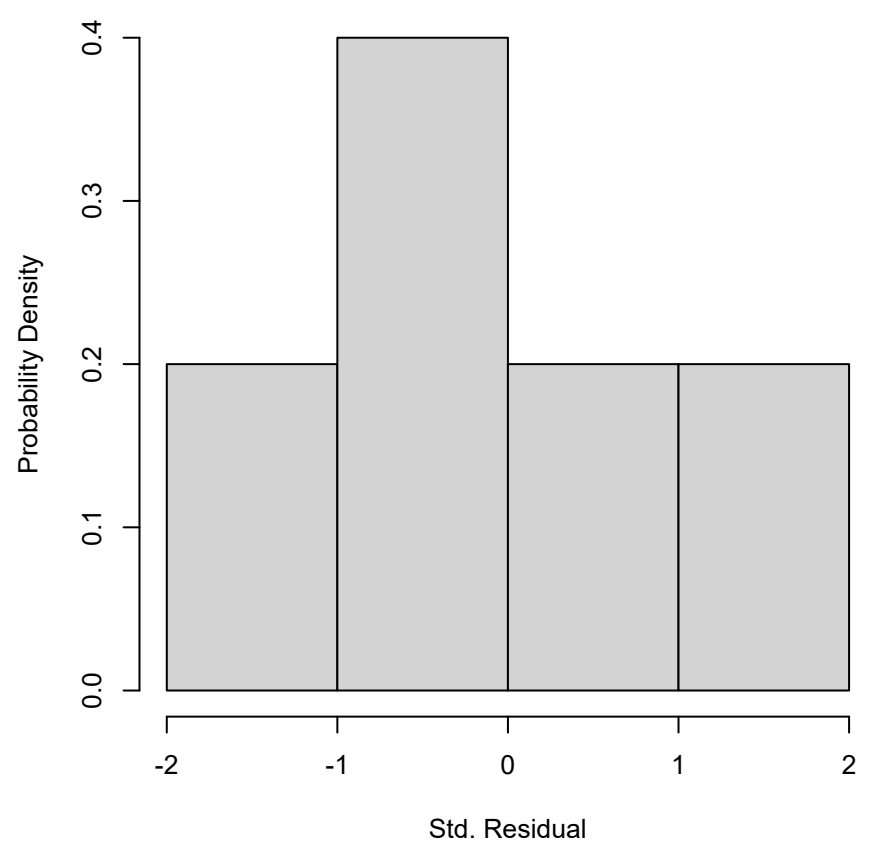
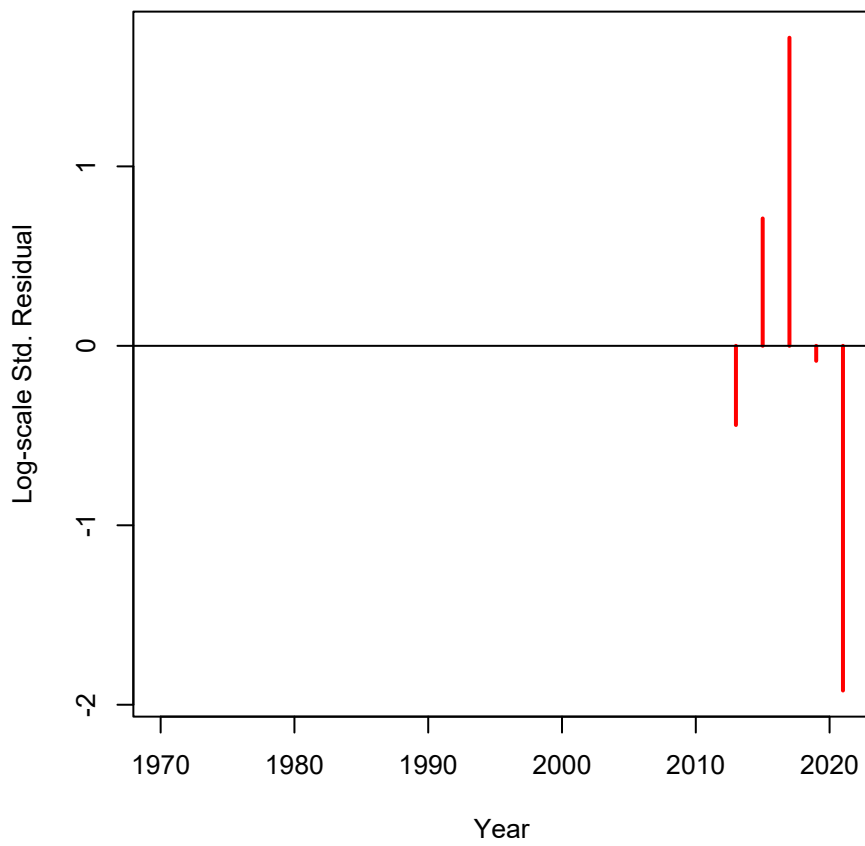
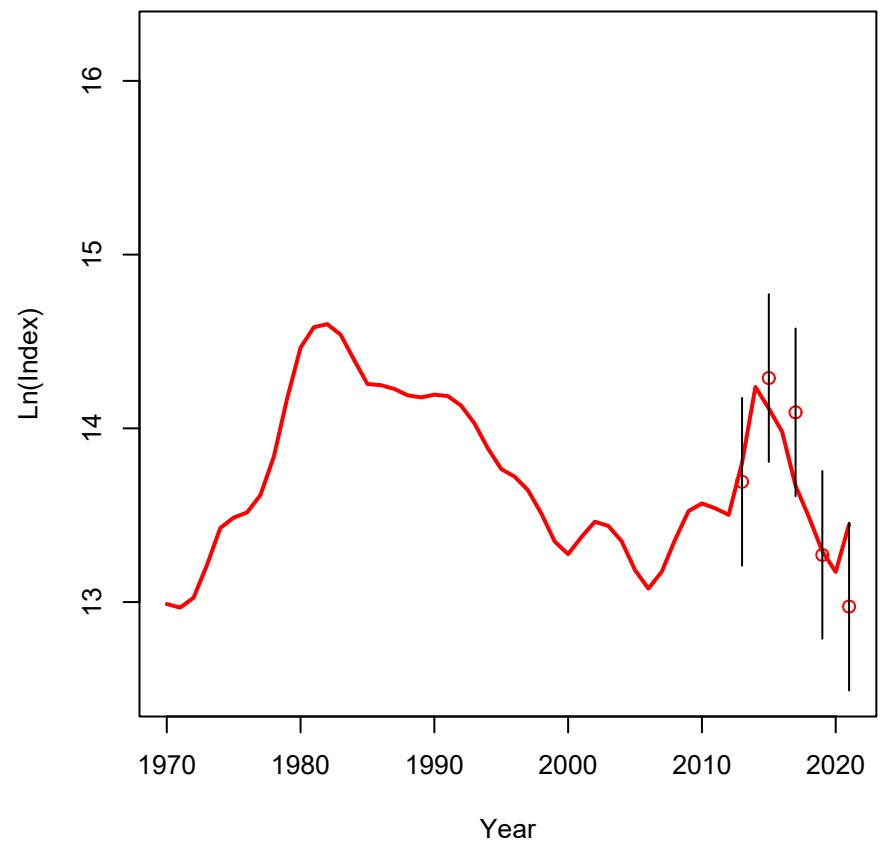
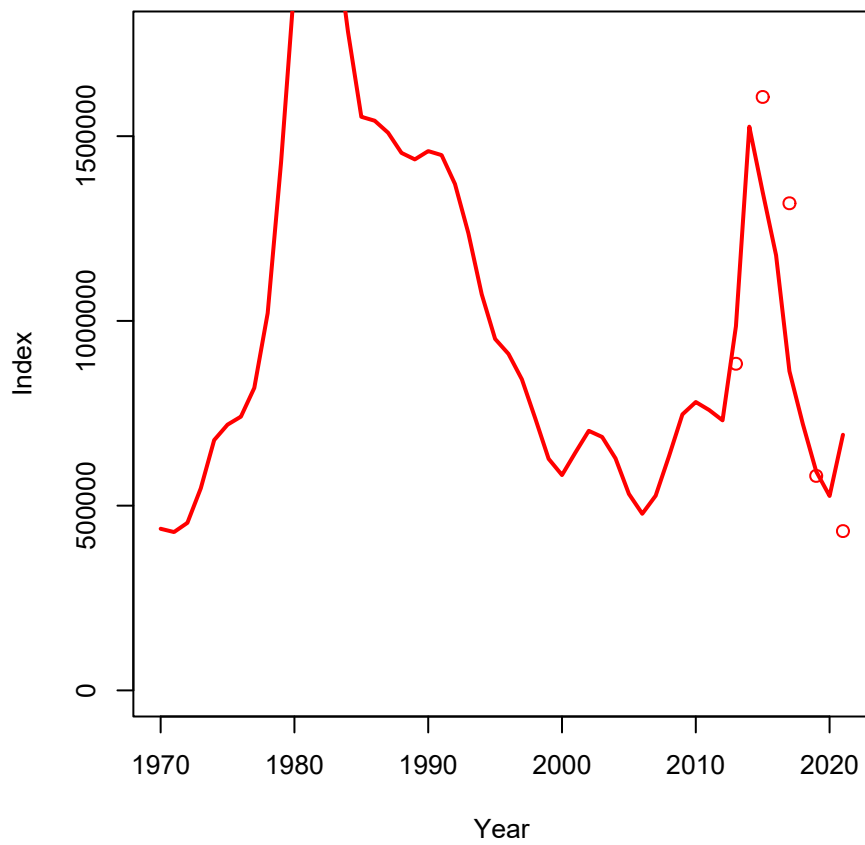


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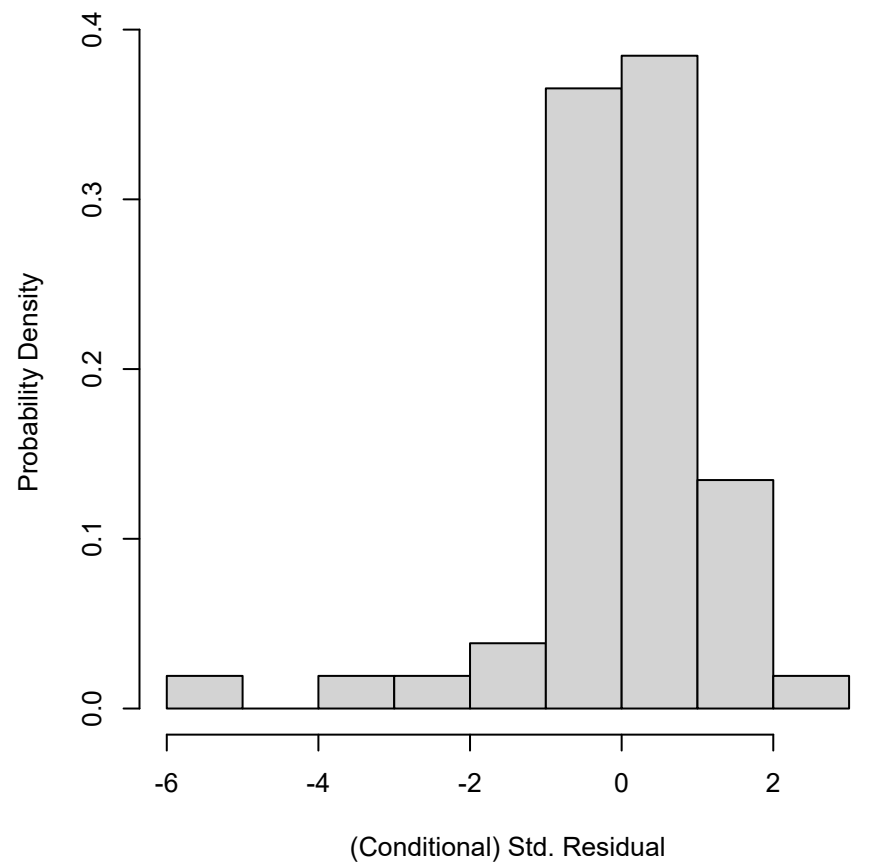
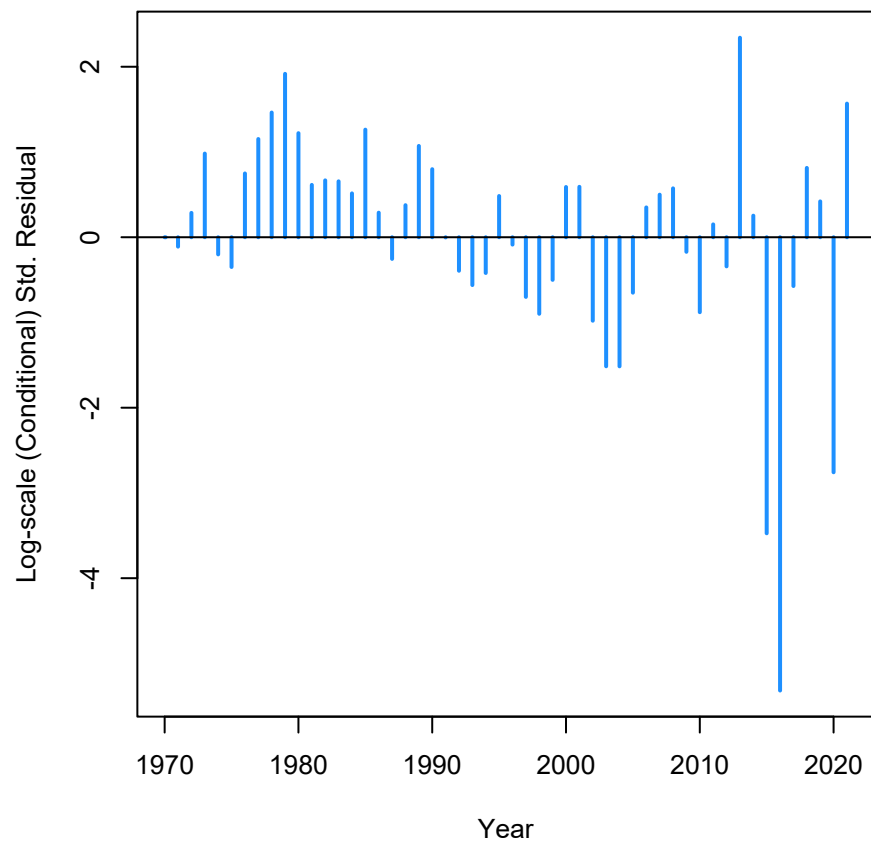
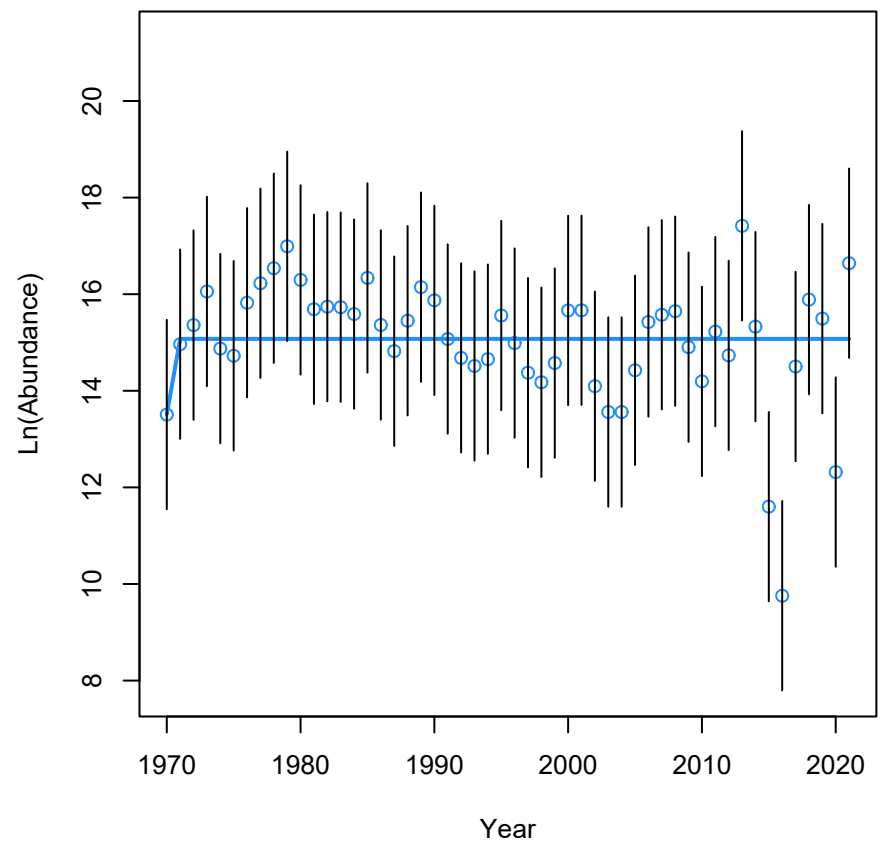
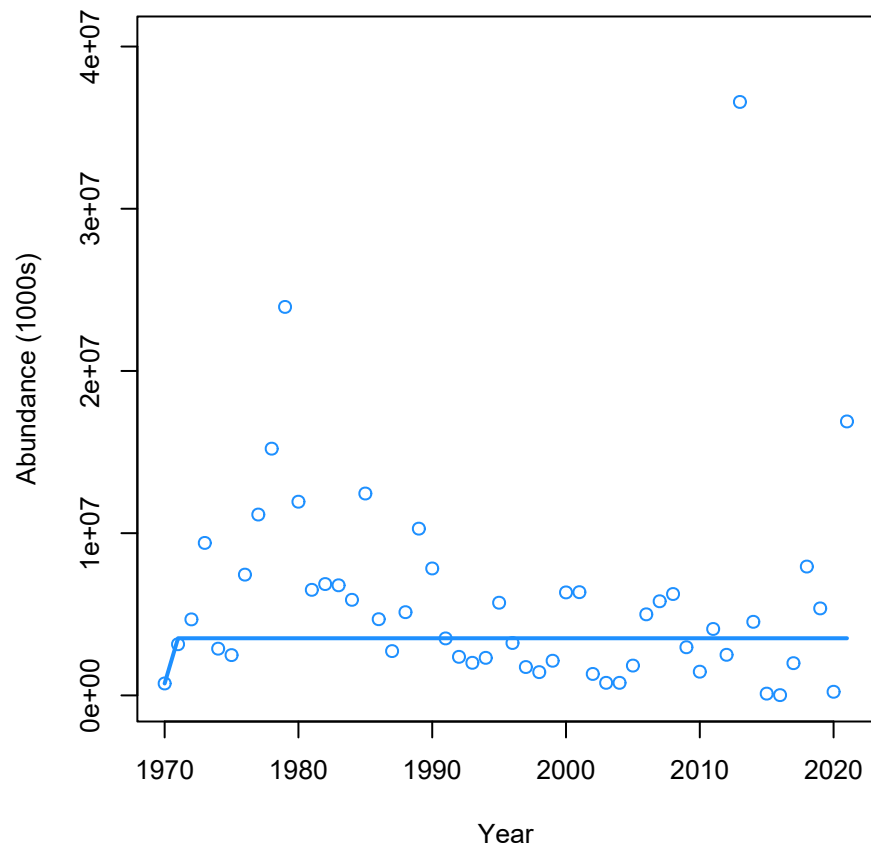




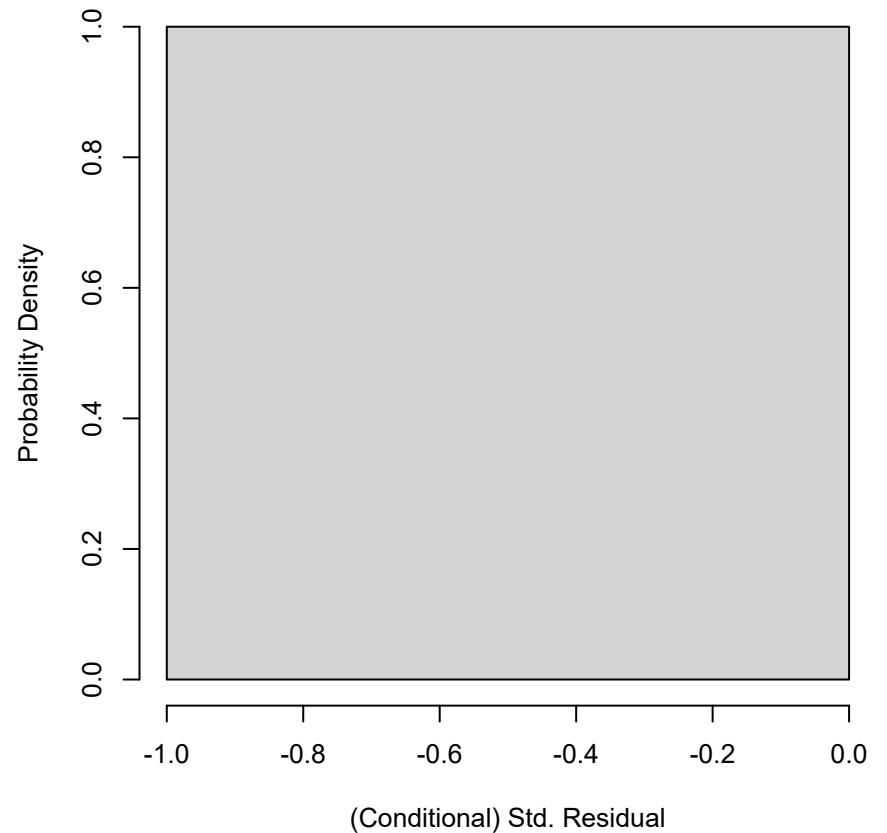
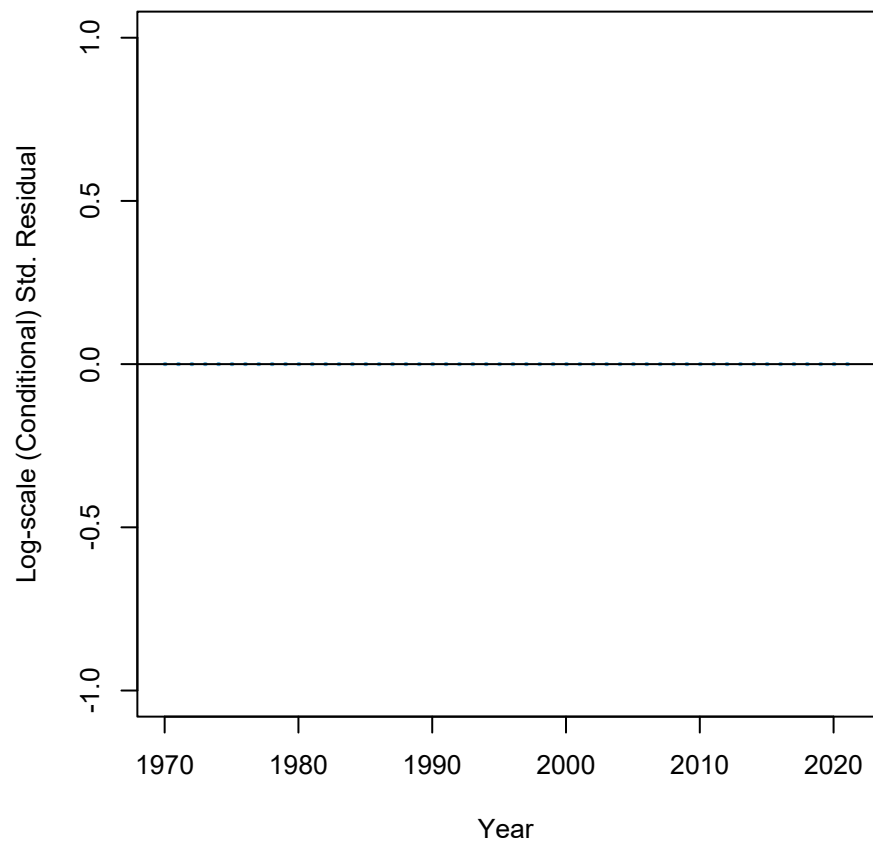
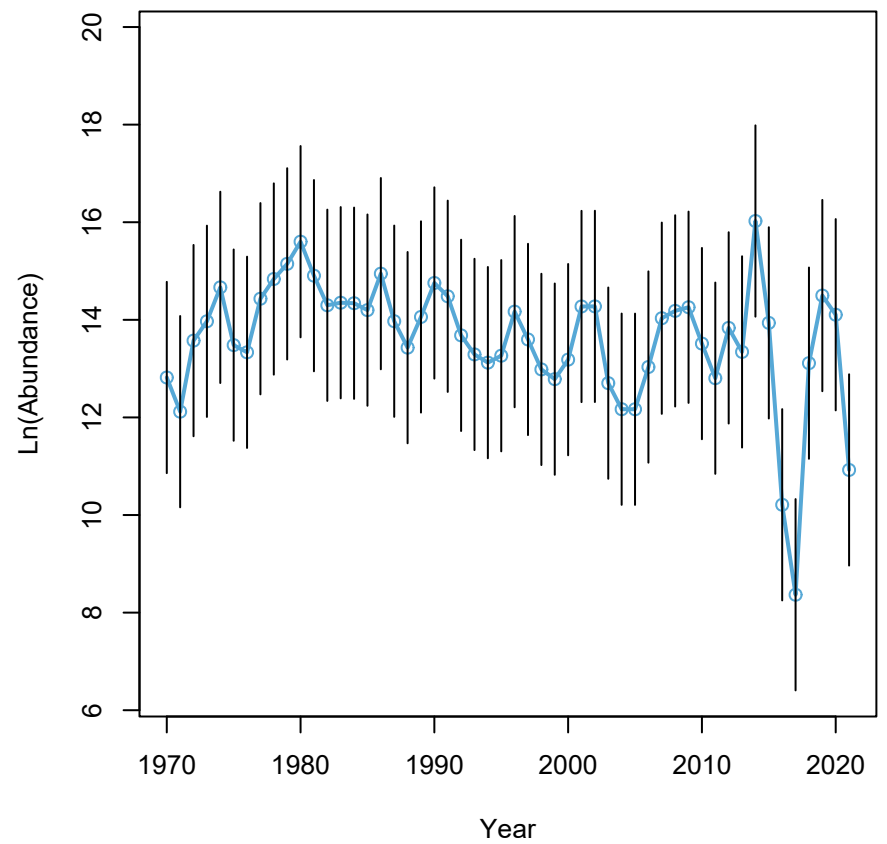
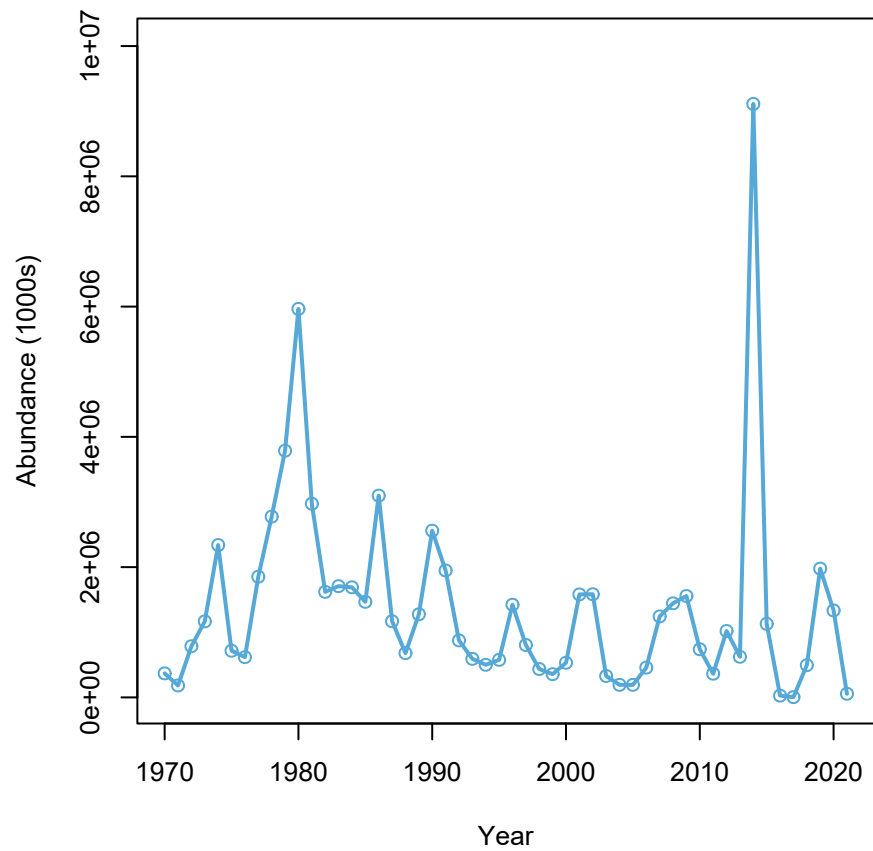
Index 6



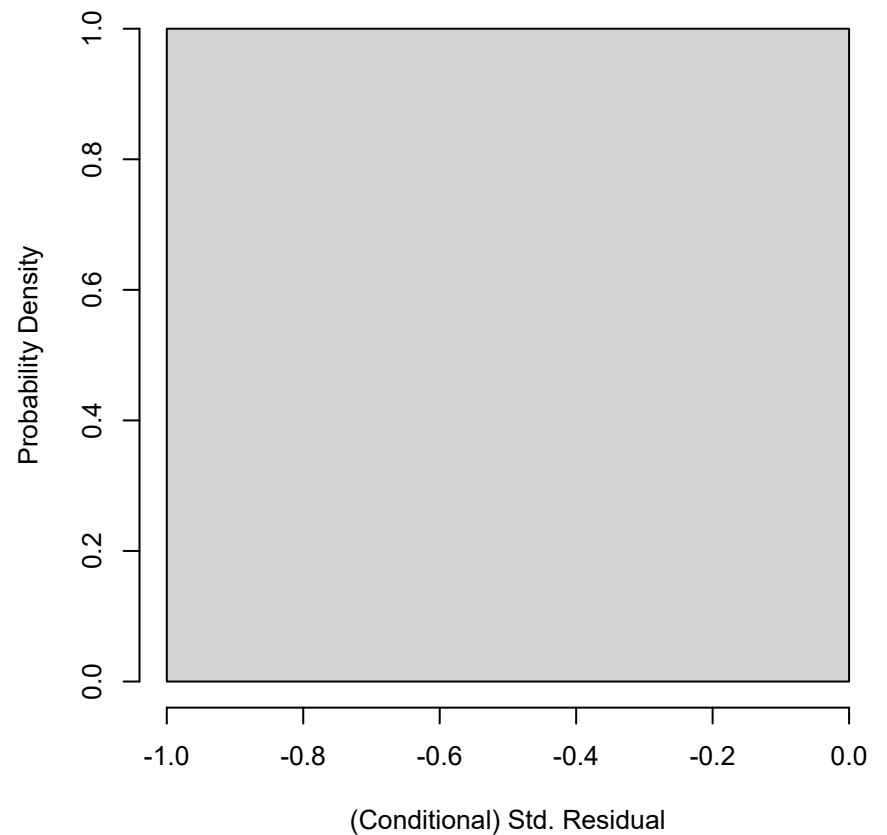
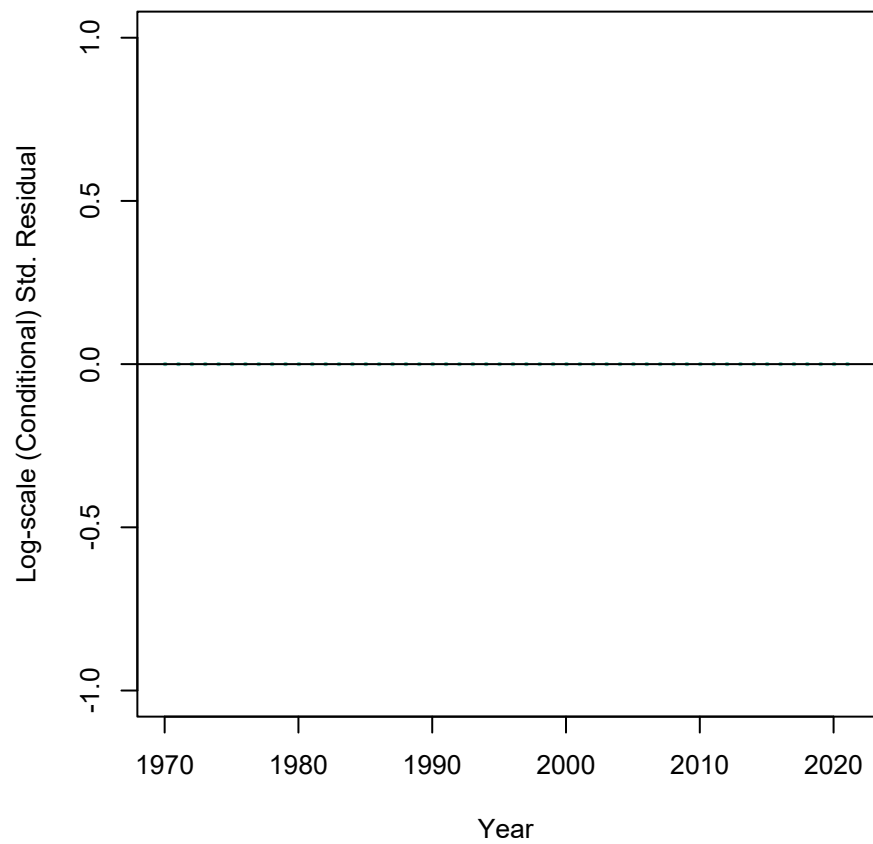
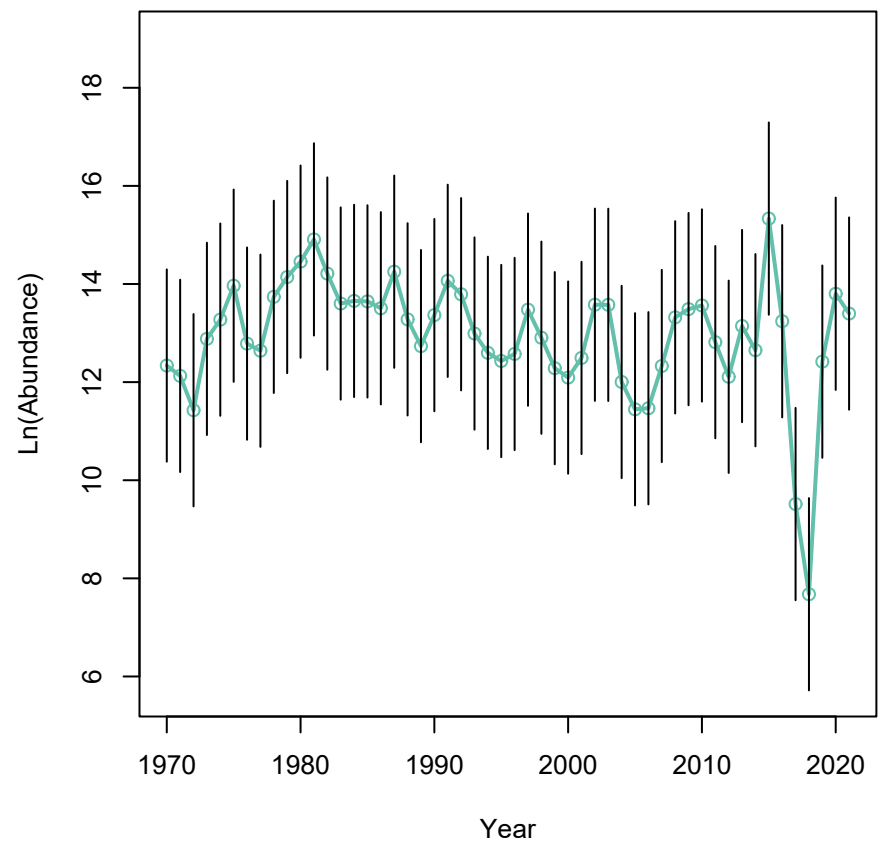
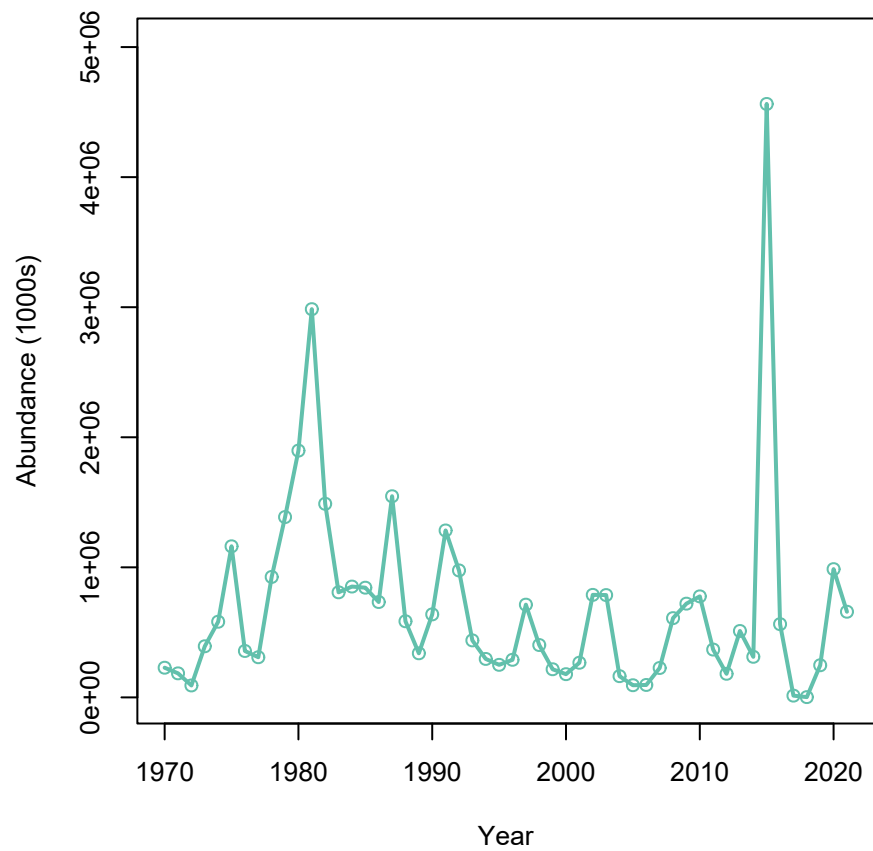
# Conditional Expected and Posterior Estimates of Age 1 Abundance



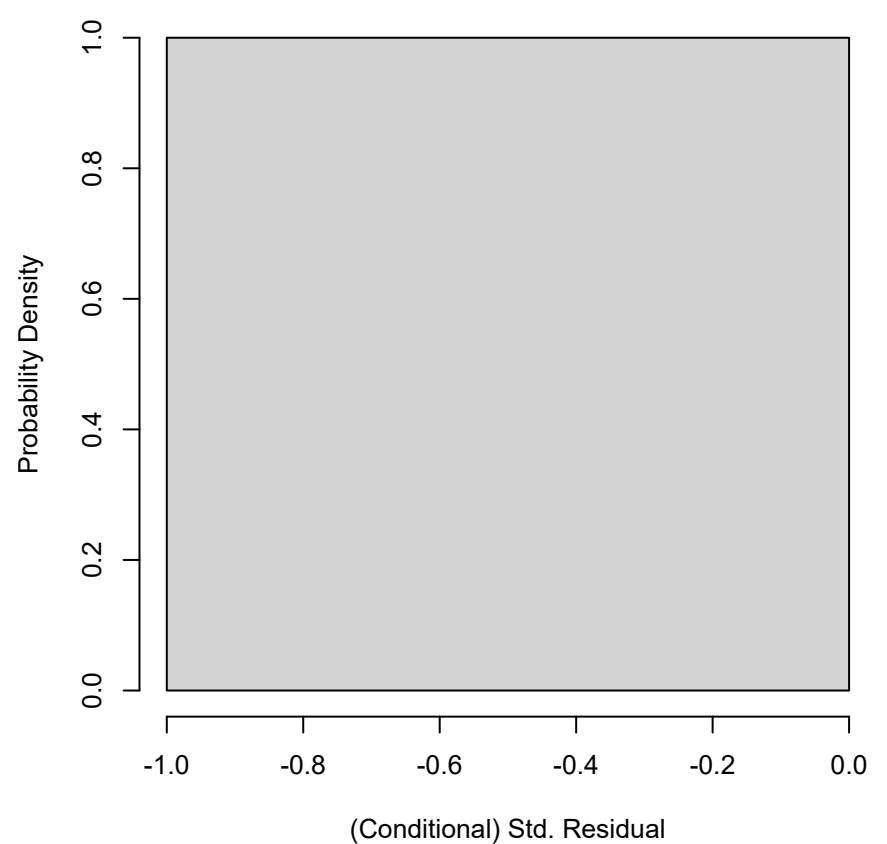
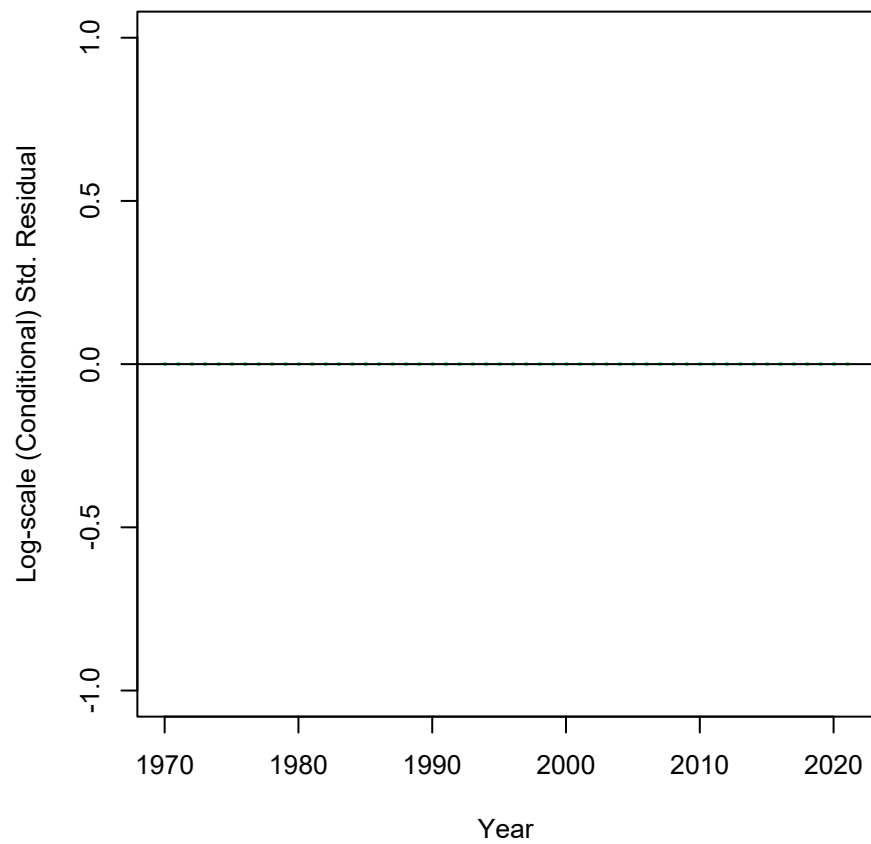
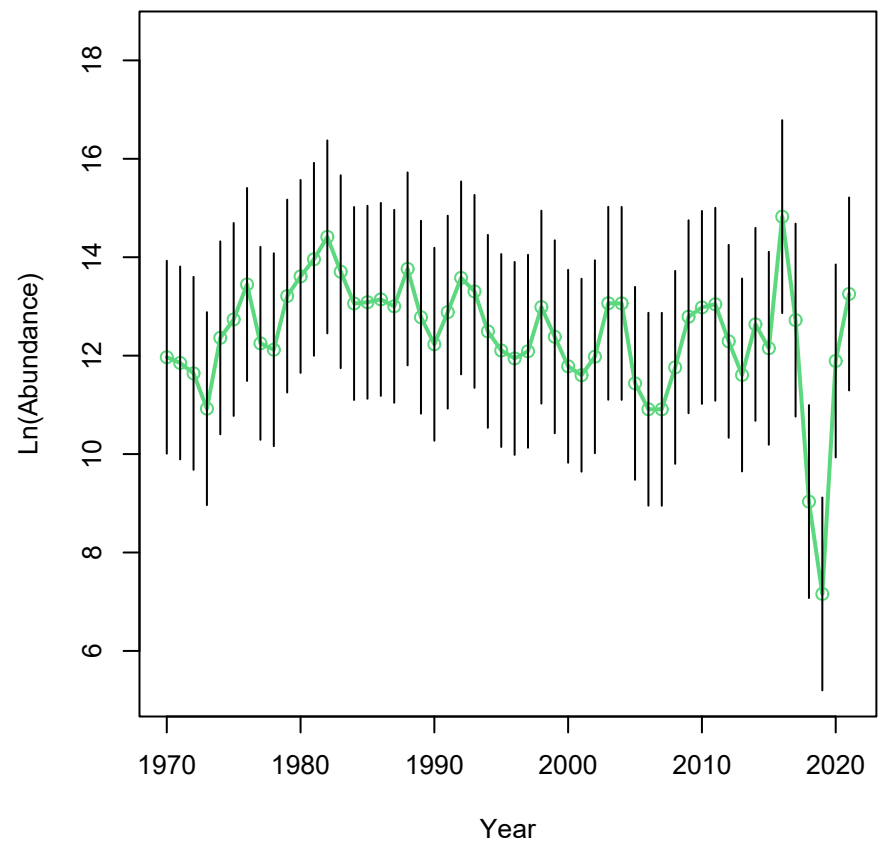
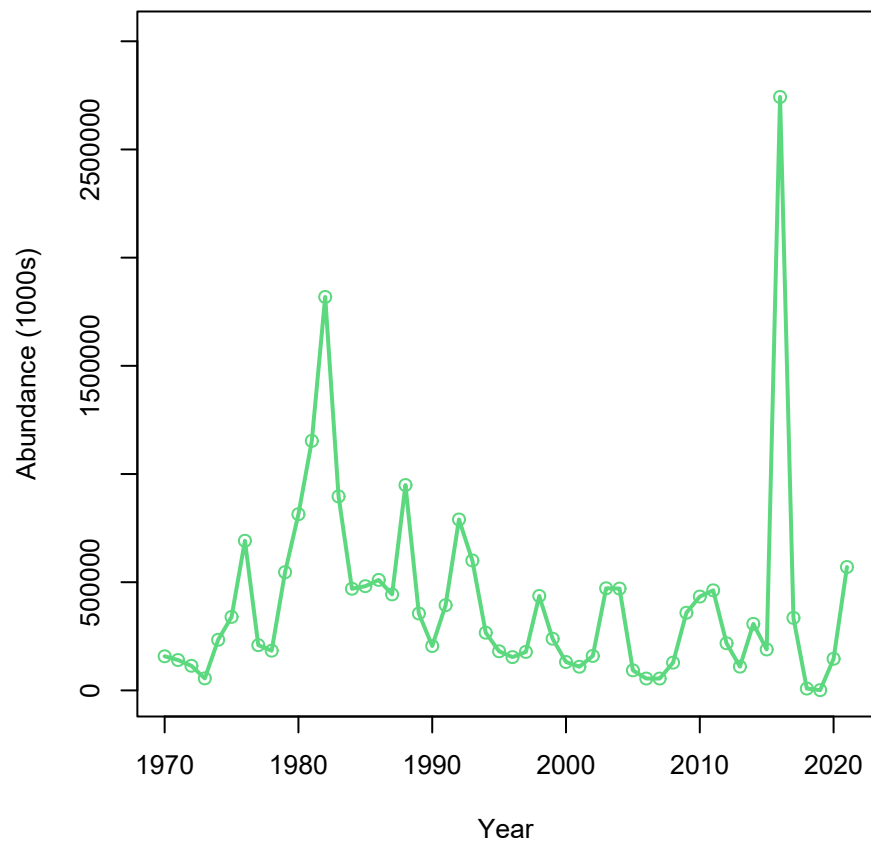
# Conditional Expected and Posterior Estimates of Age 2 Abundance



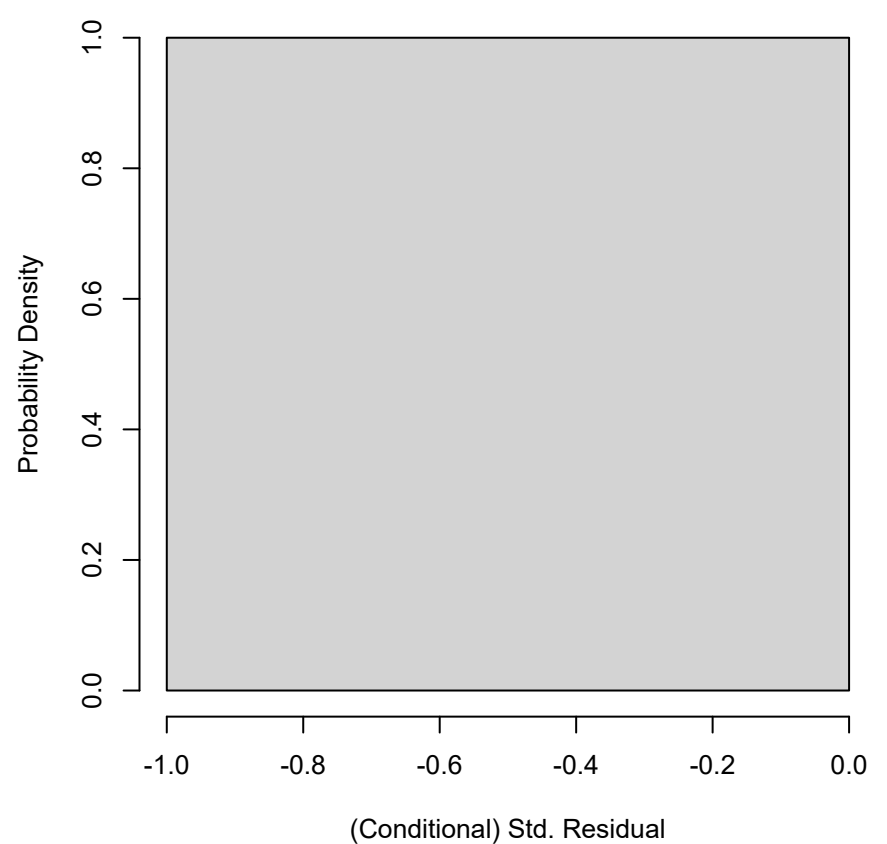
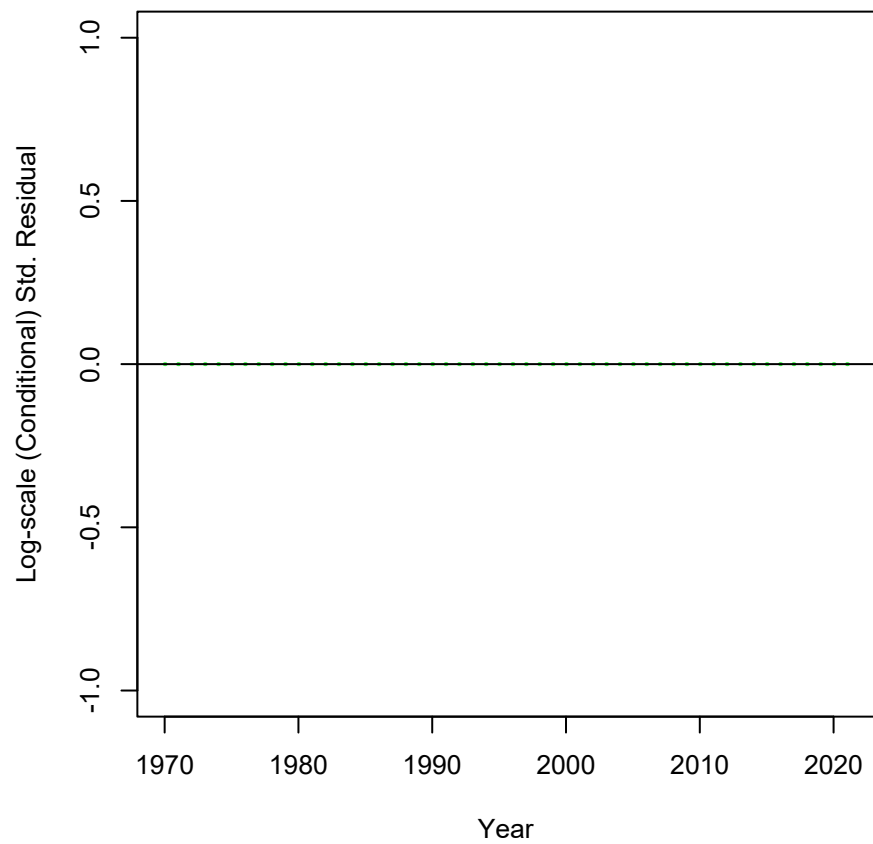
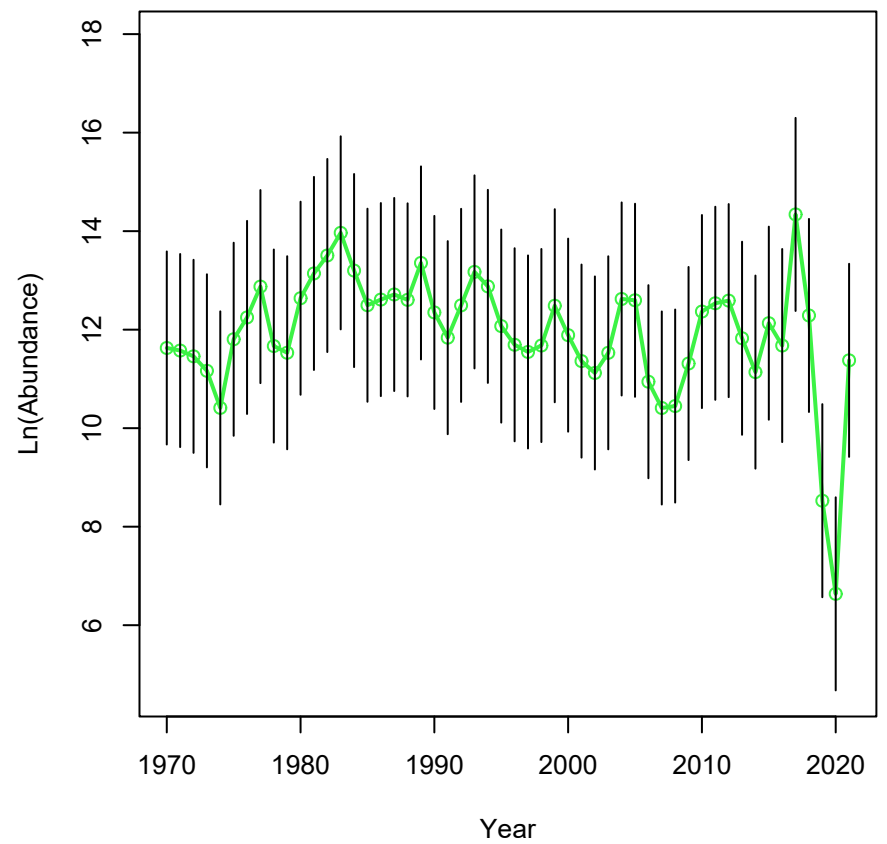
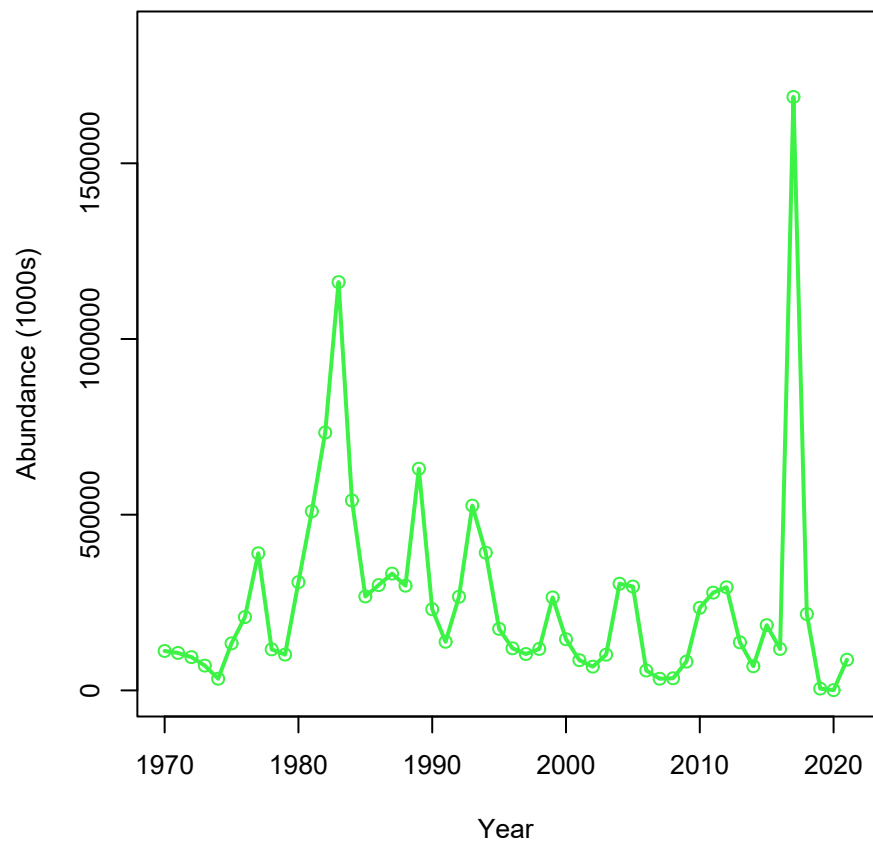
# Conditional Expected and Posterior Estimates of Age 3 Abundance



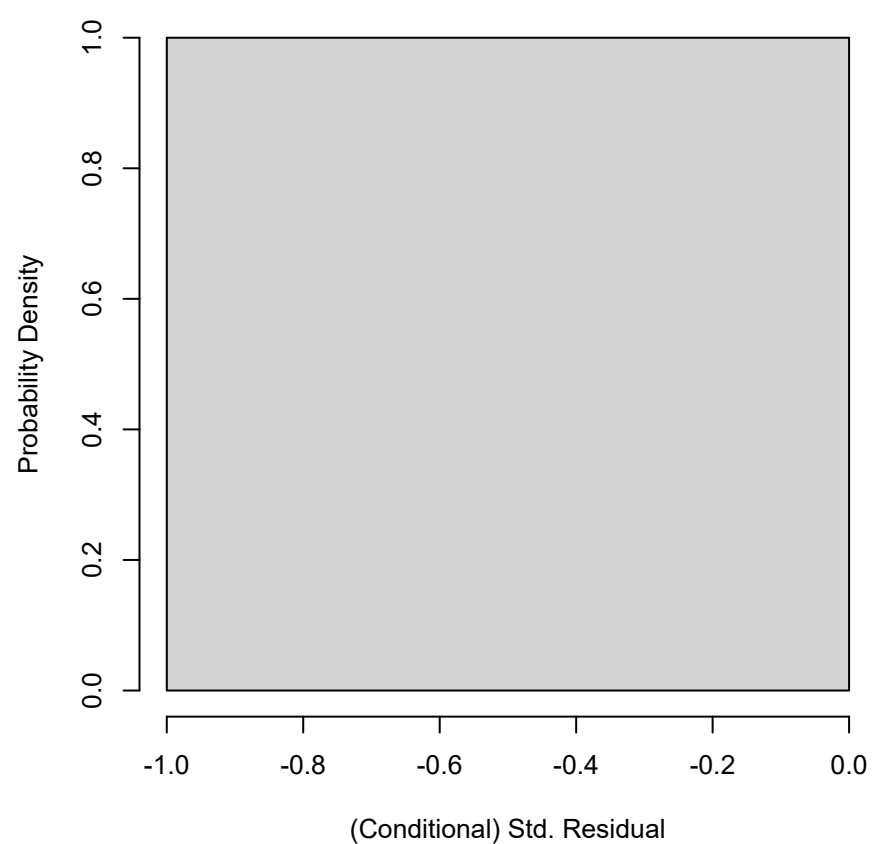
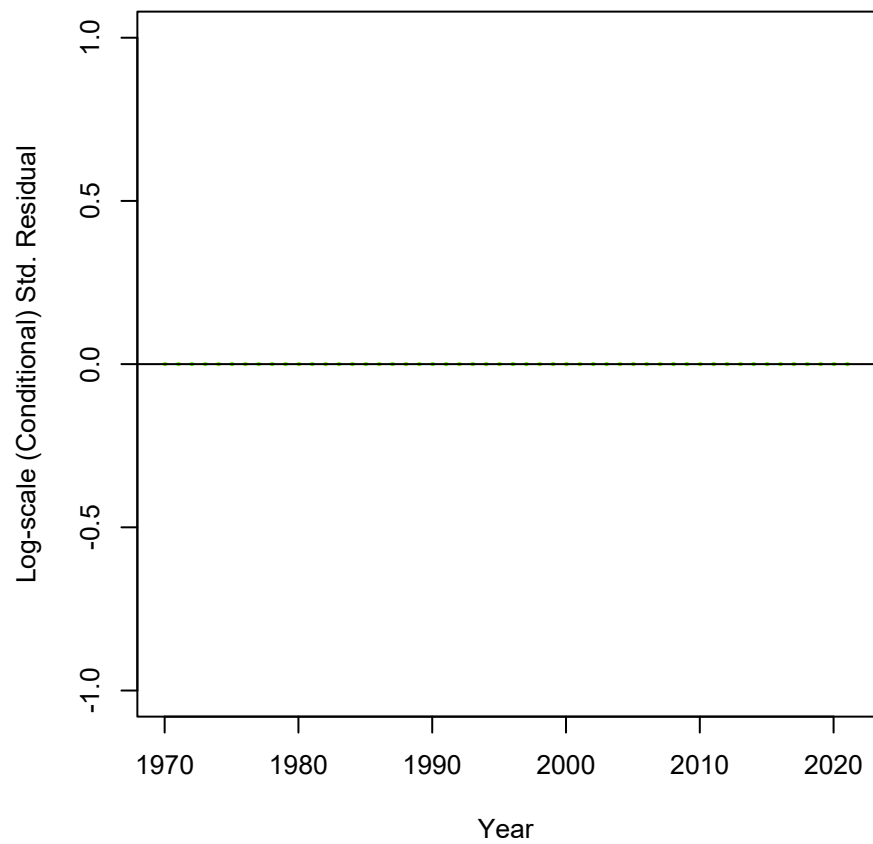
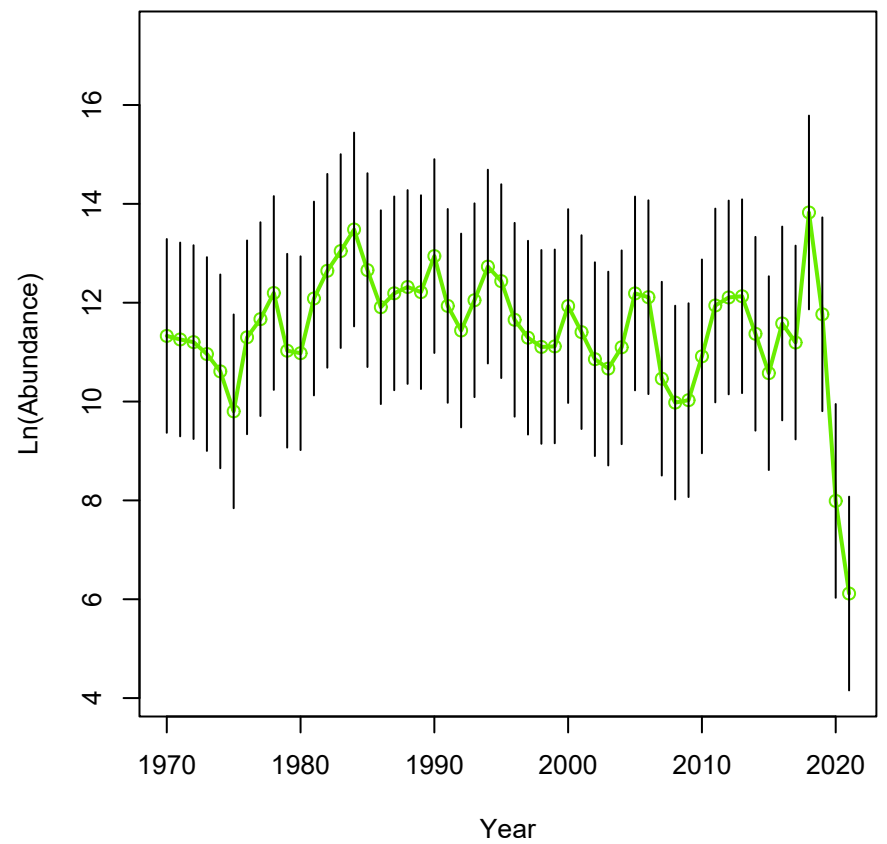
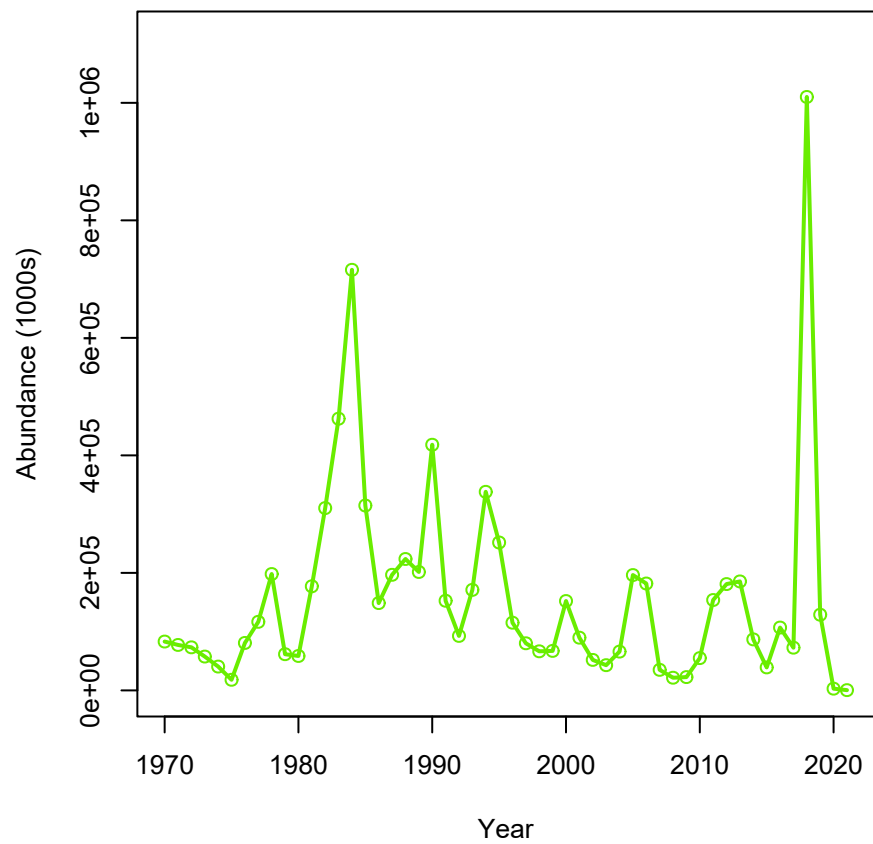
# Conditional Expected and Posterior Estimates of Age 4 Abundance



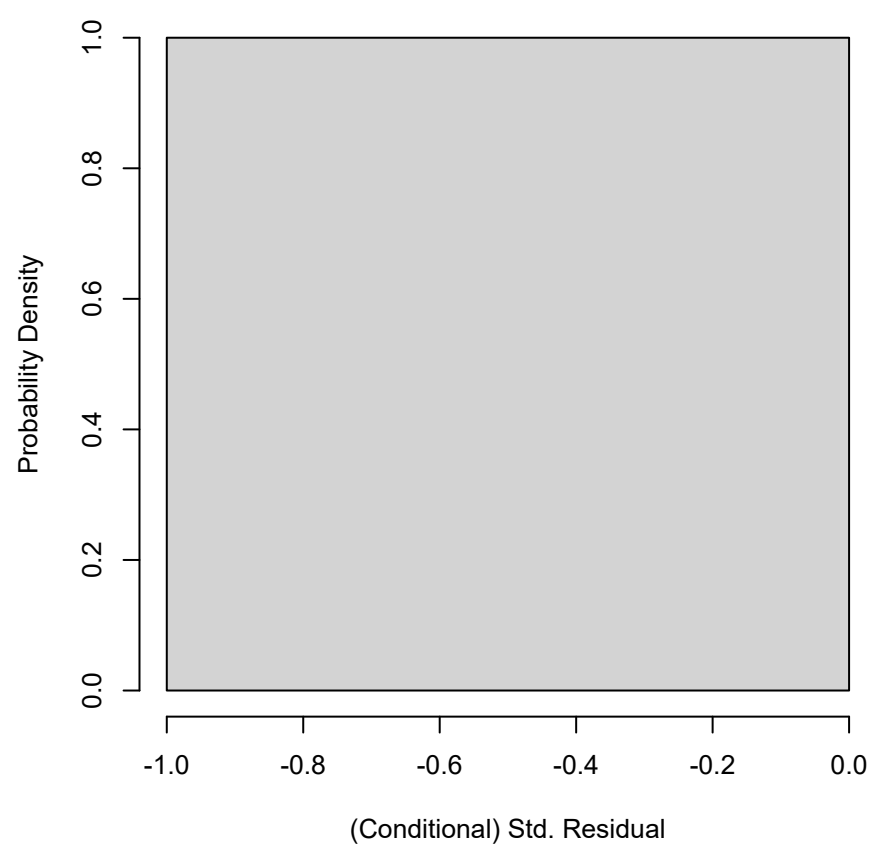
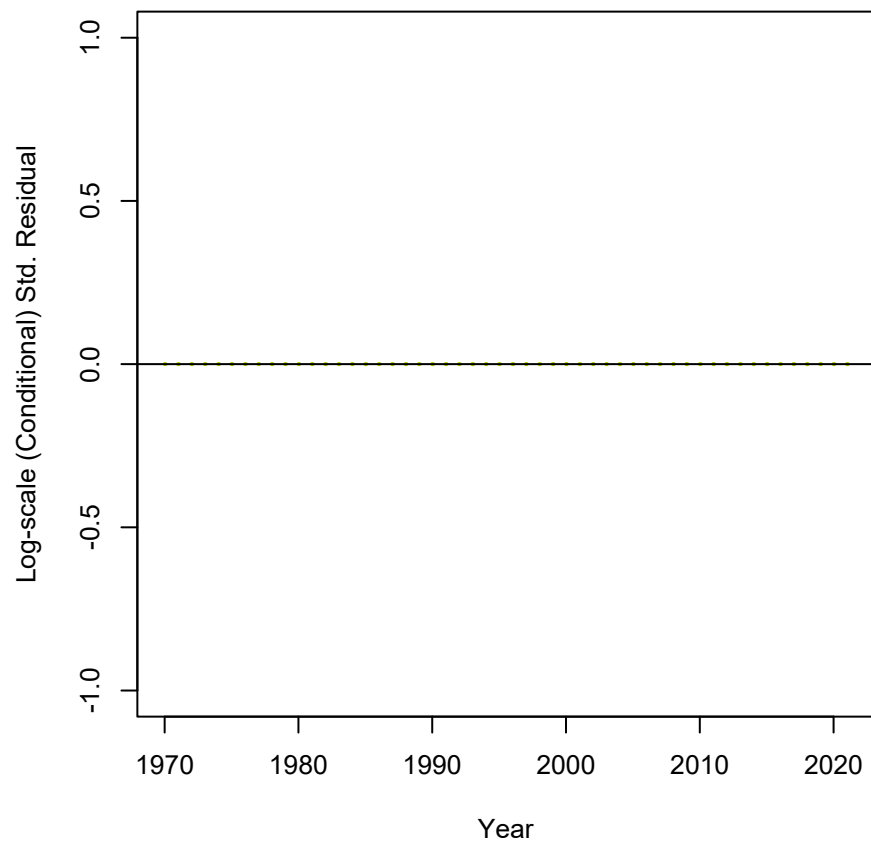
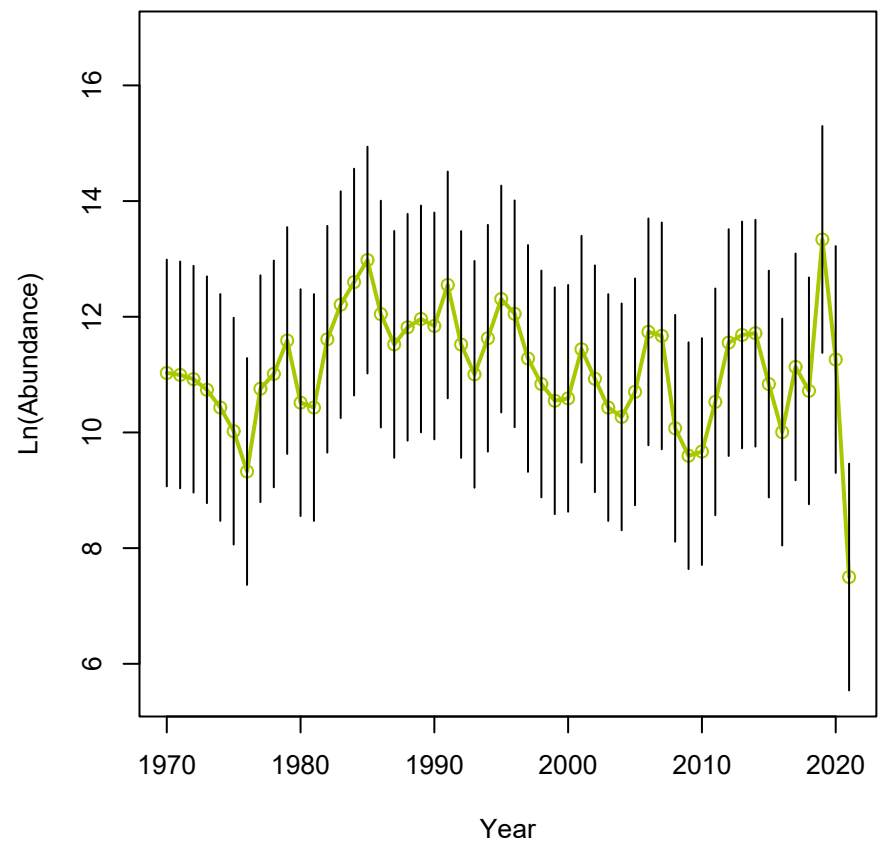
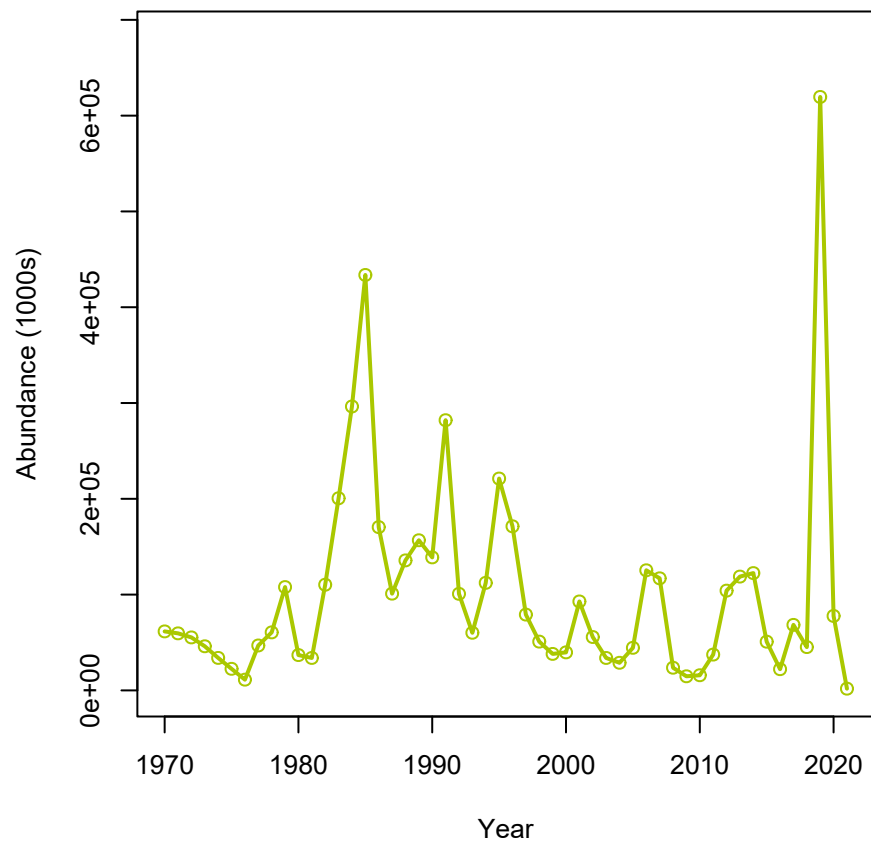
# Conditional Expected and Posterior Estimates of Age 5 Abundance



# Conditional Expected and Posterior Estimates of Age 6 Abundance

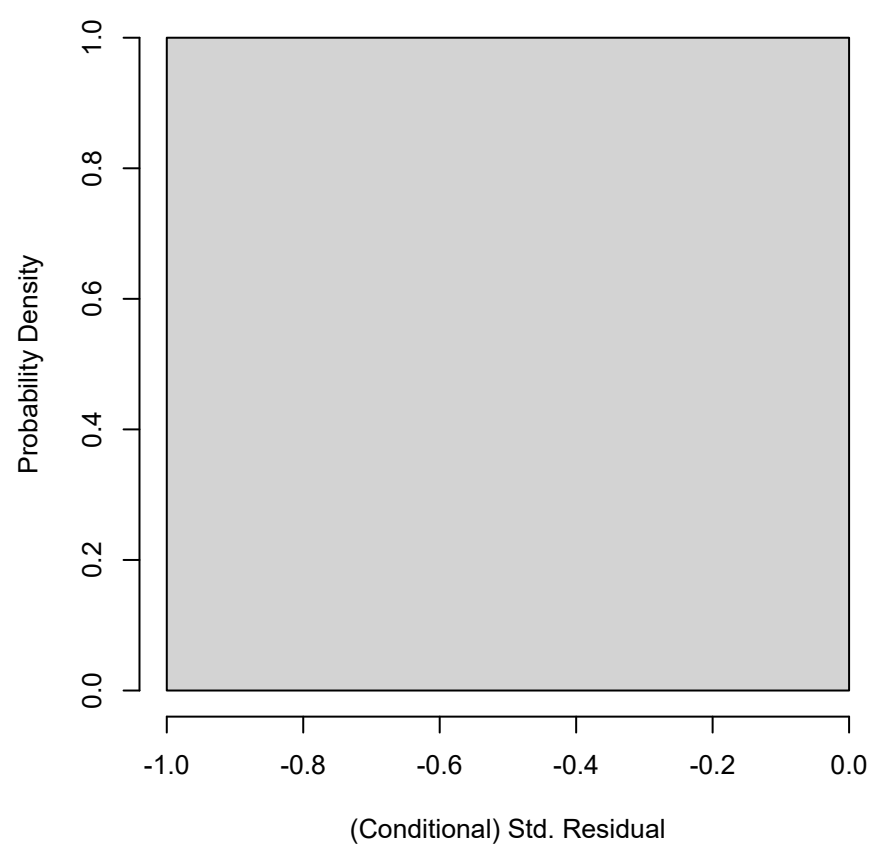
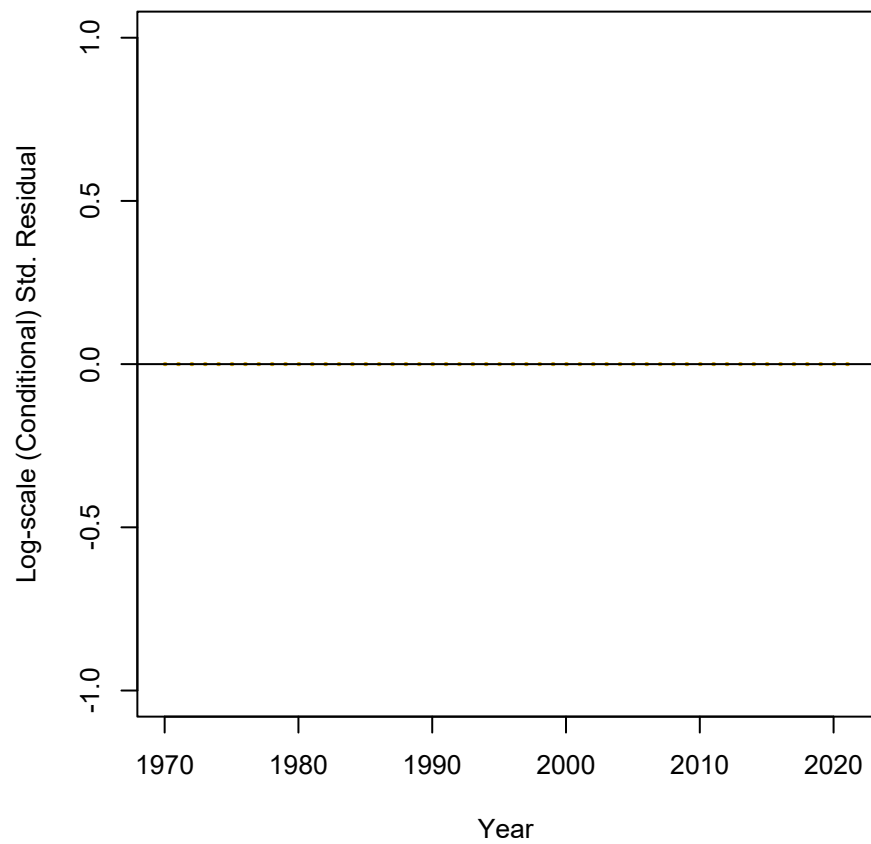
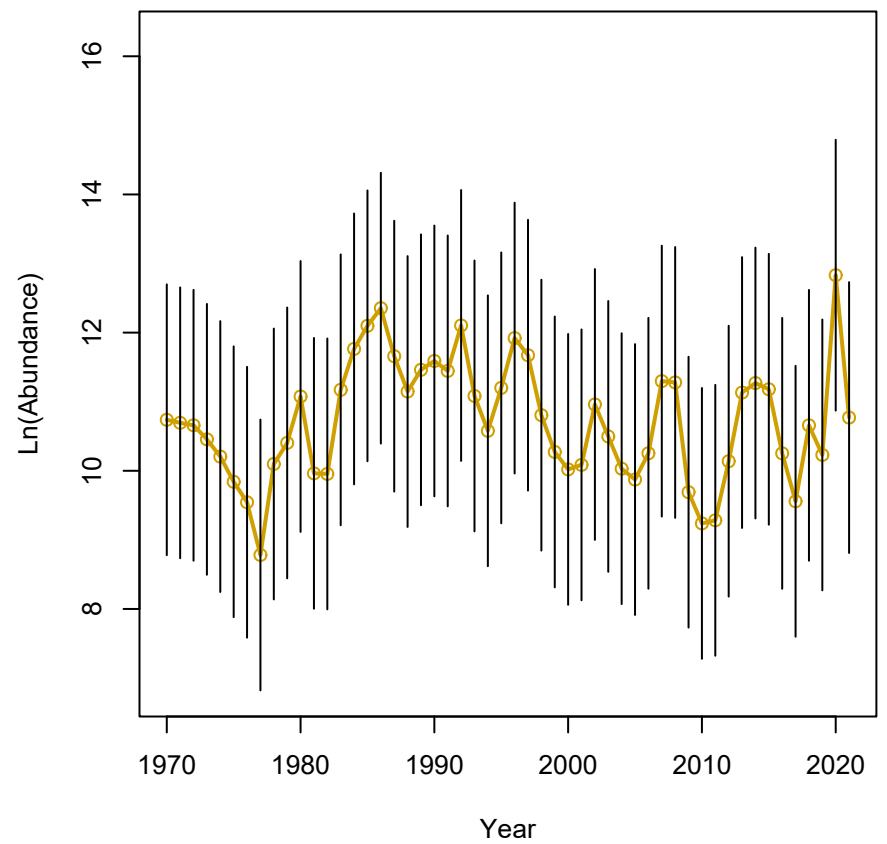
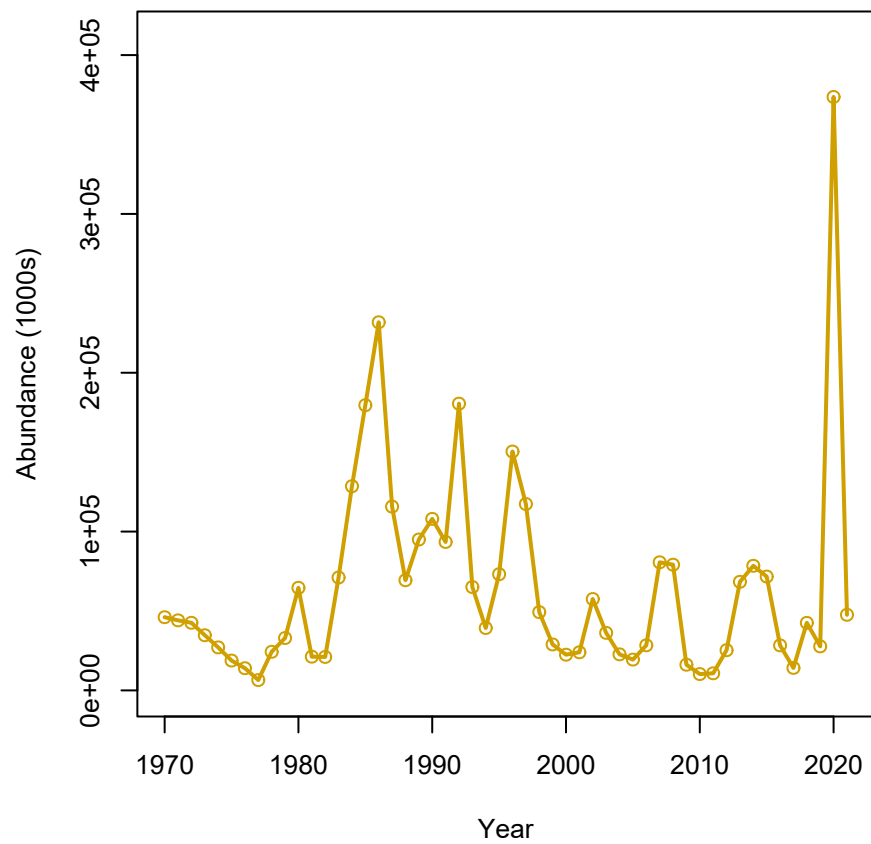


# Conditional Expected and Posterior Estimates of Age 7 Abundance

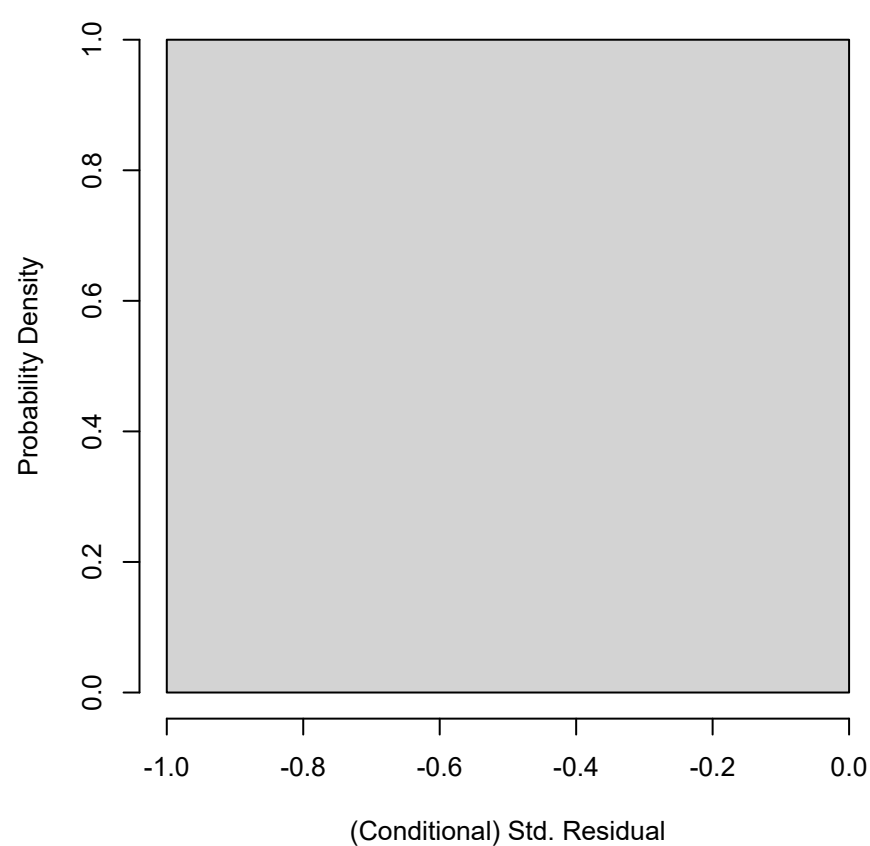
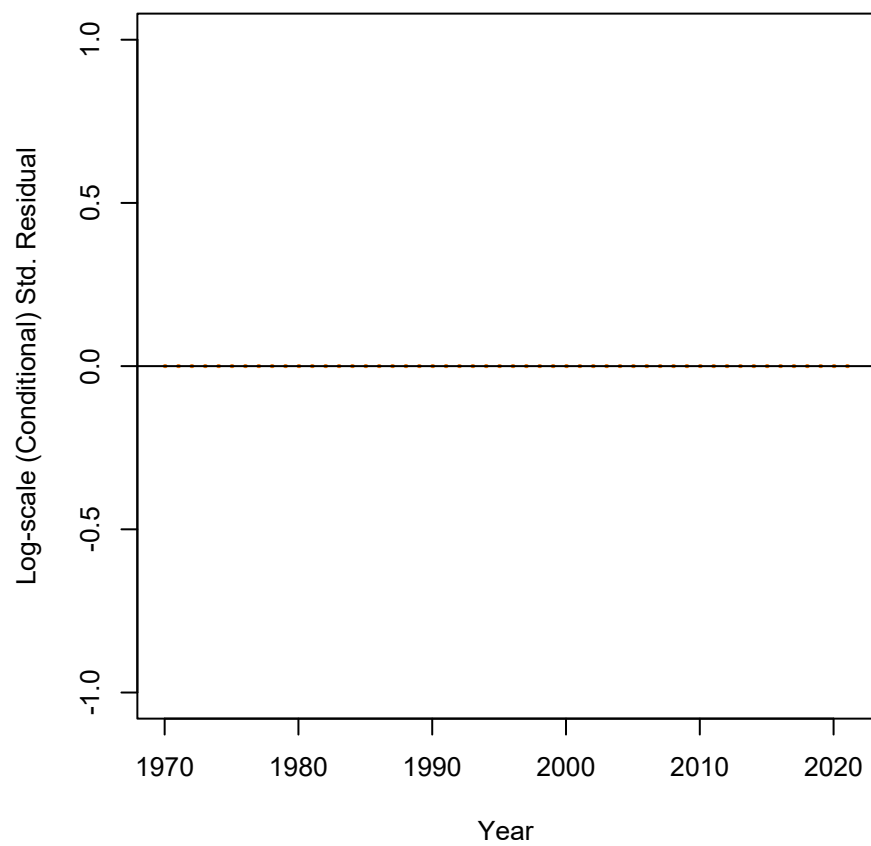
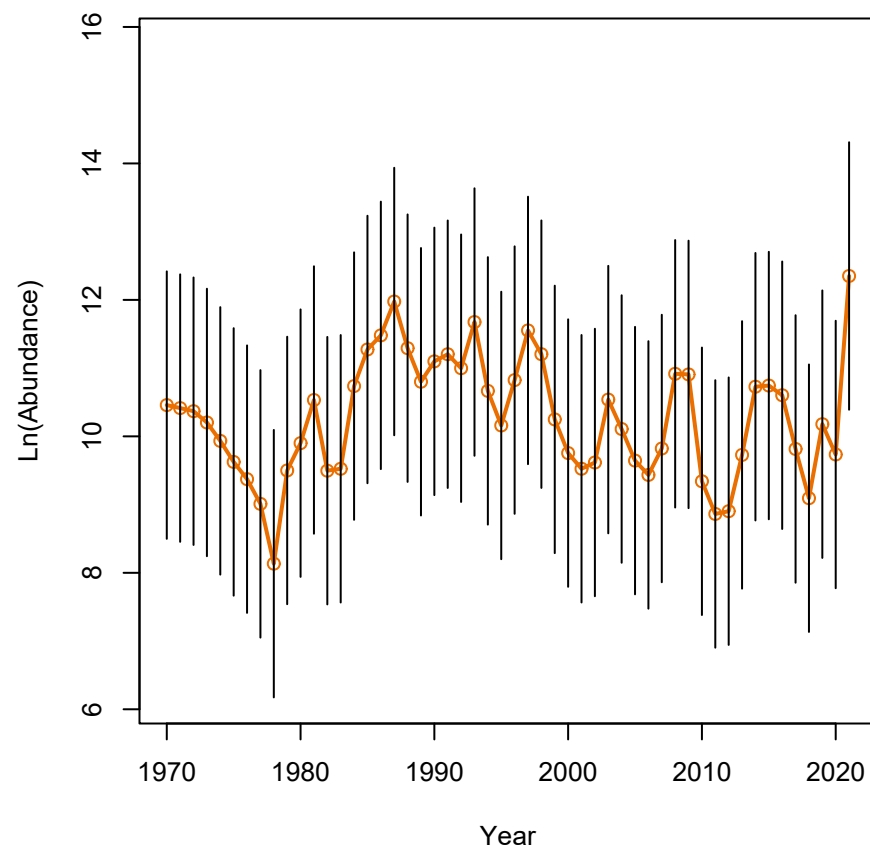
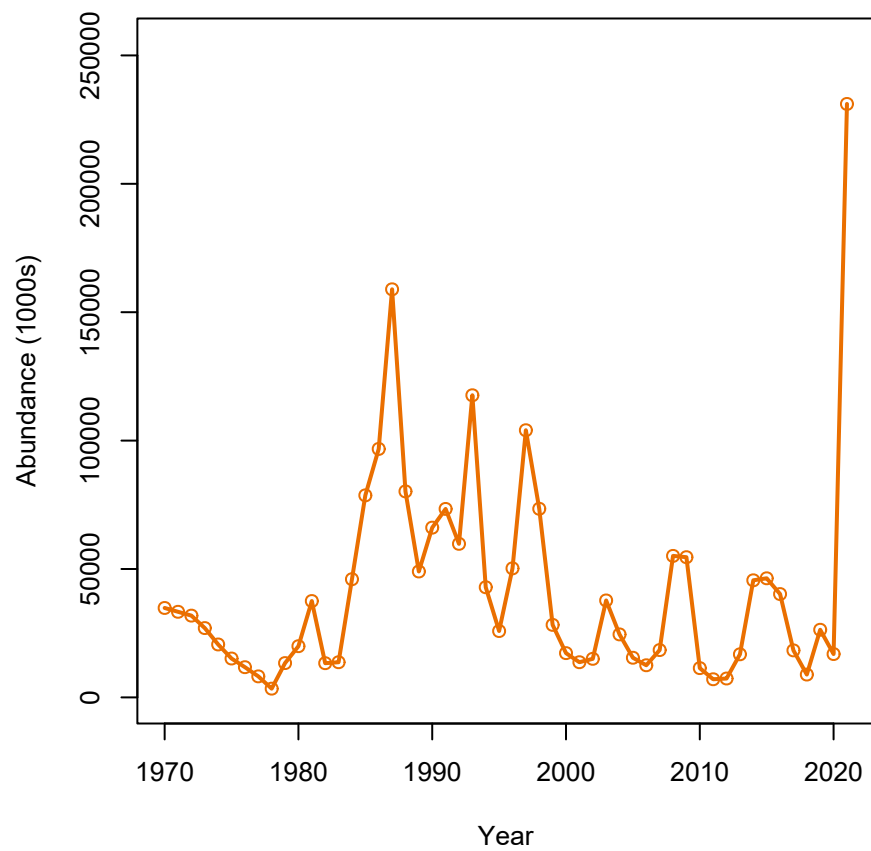




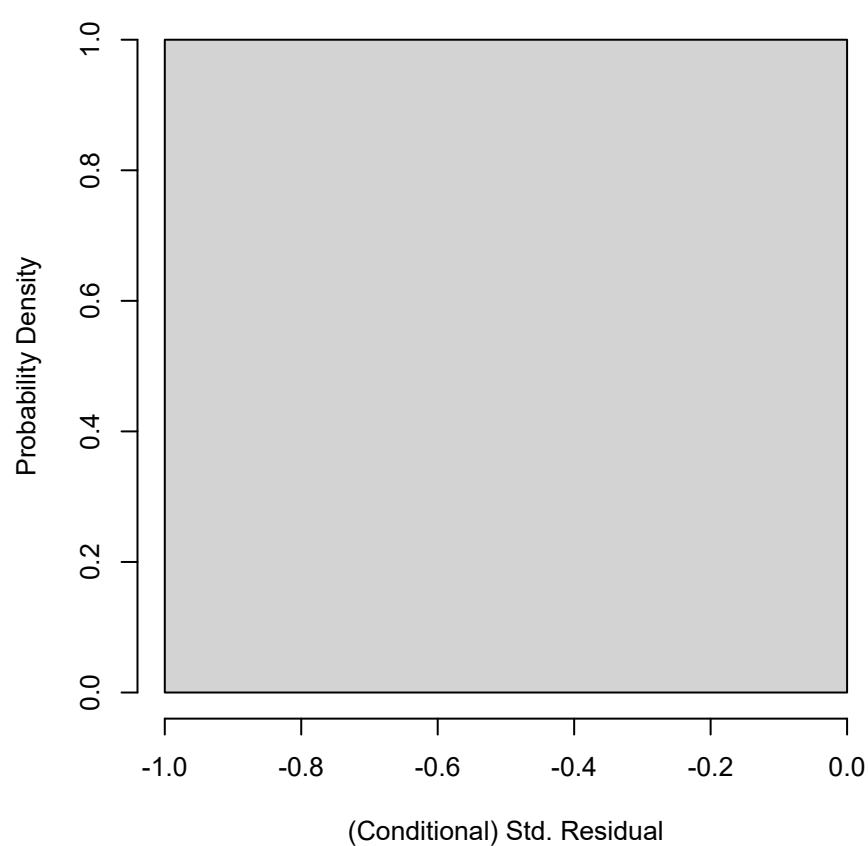
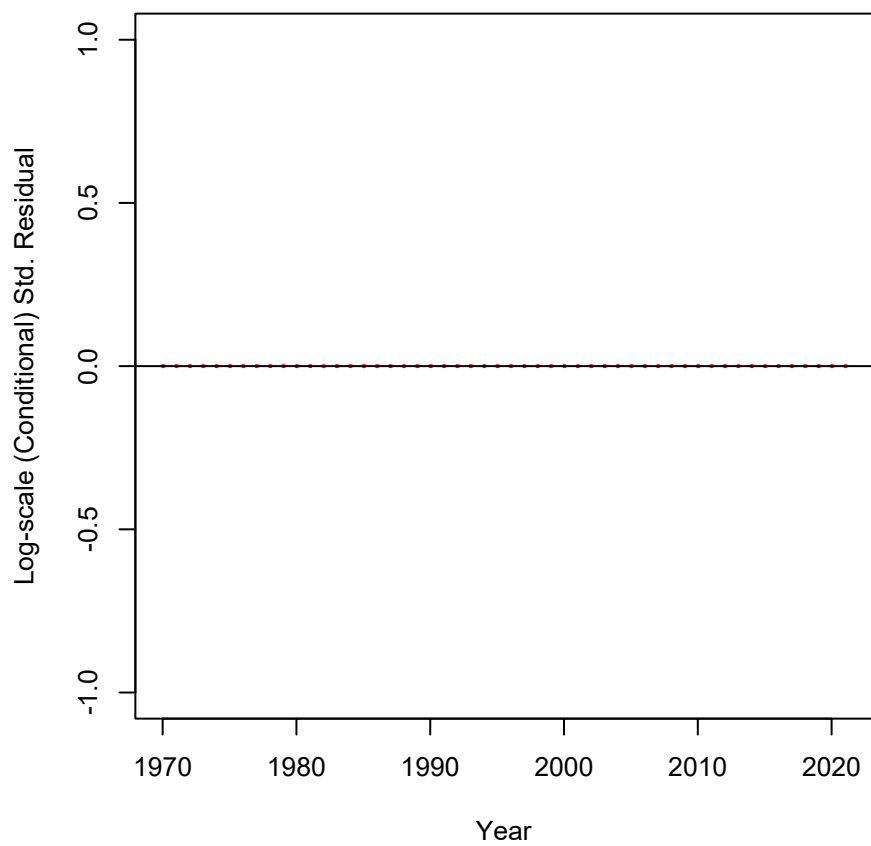
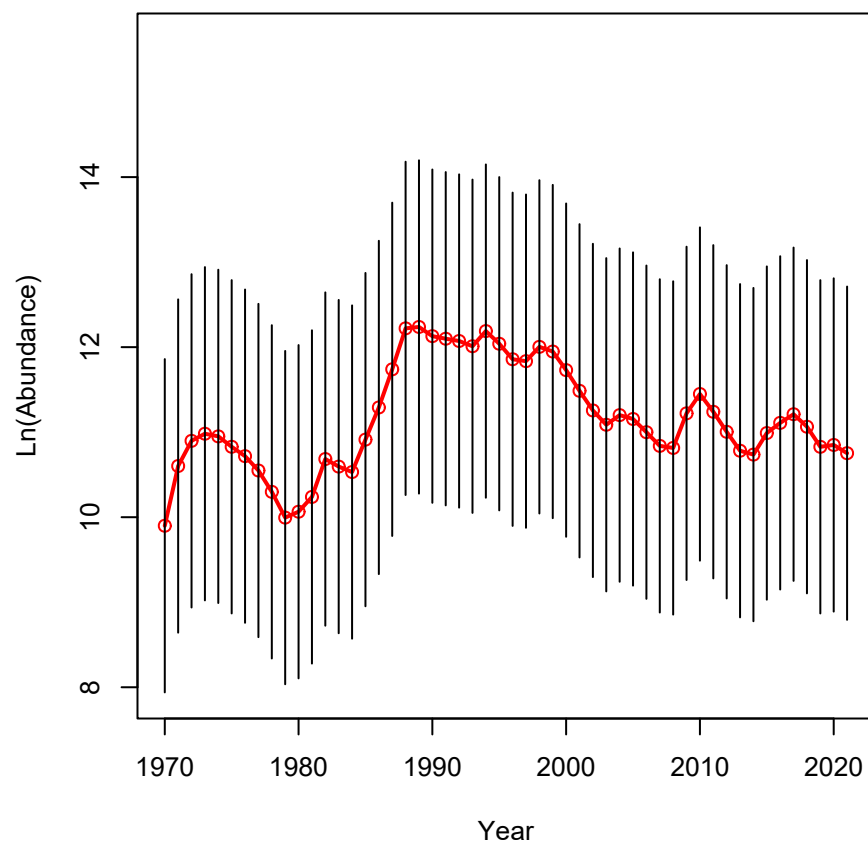
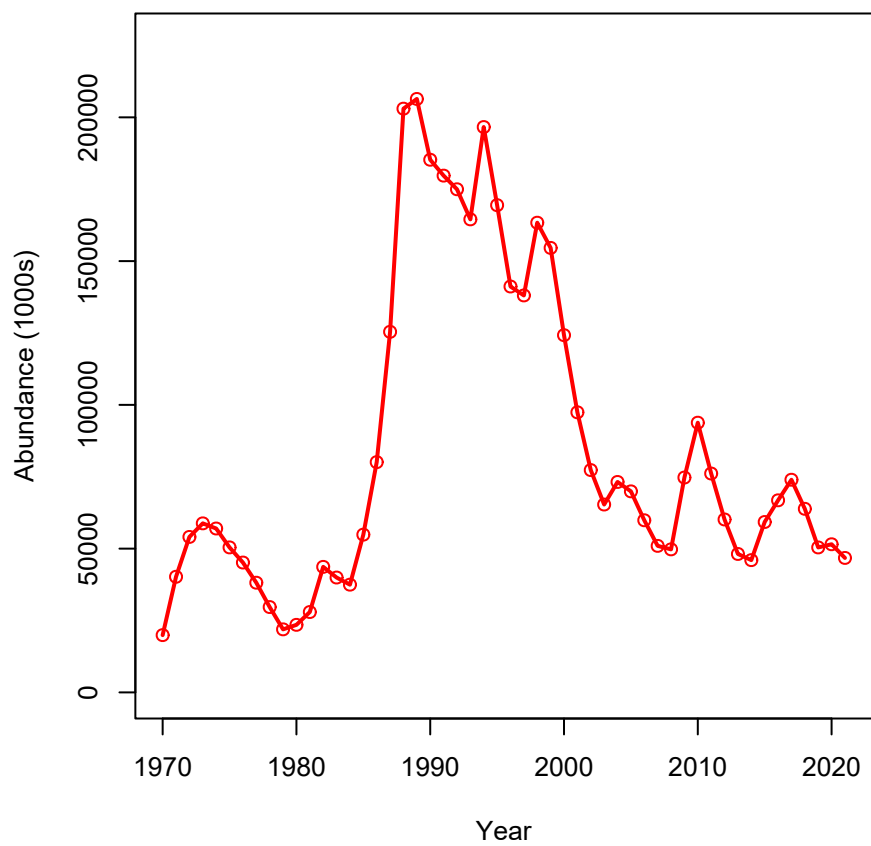
# Conditional Expected and Posterior Estimates of Age 8 Abundance



# Conditional Expected and Posterior Estimates of Age 9 Abundance

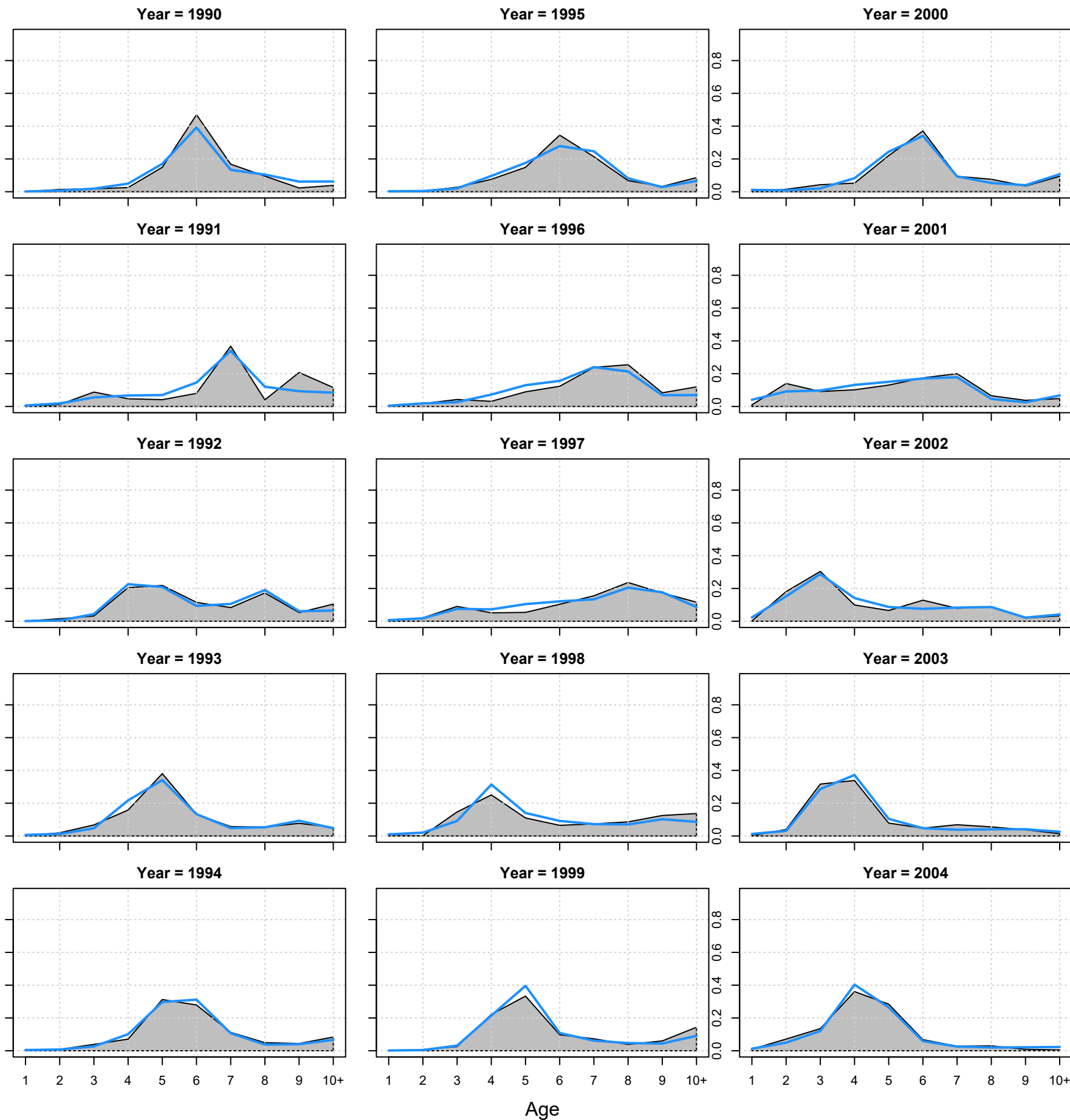


Conditional Expected and Posterior Estimates of Age 10 Abundance

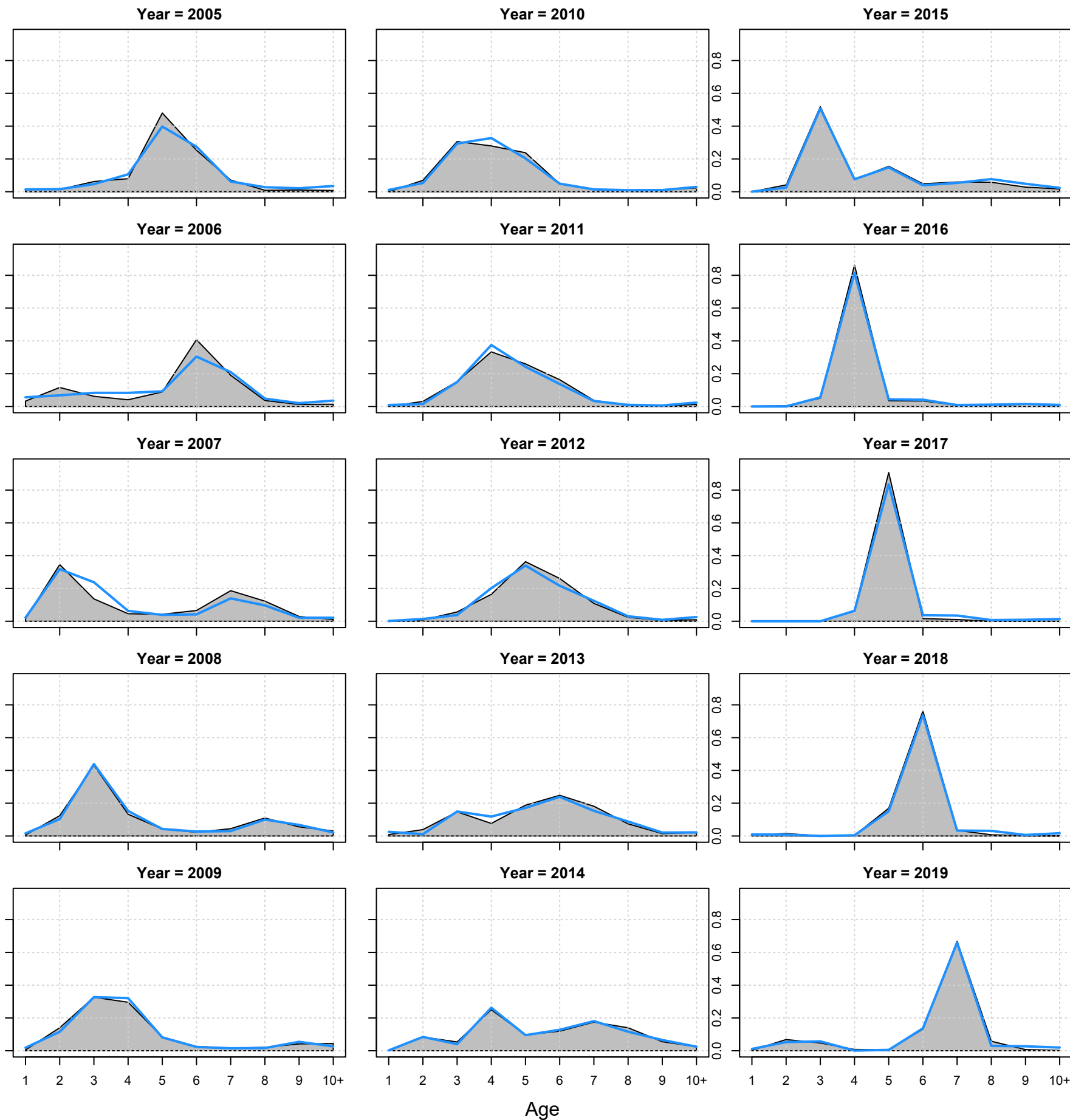




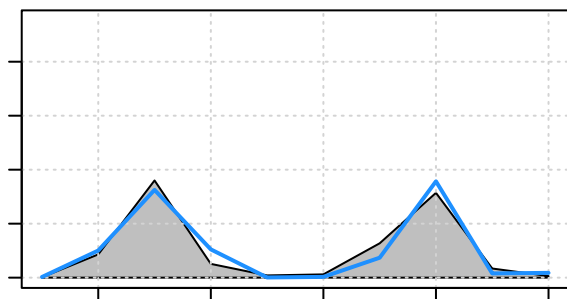
**Fleet 1**  
**Year = 1995**



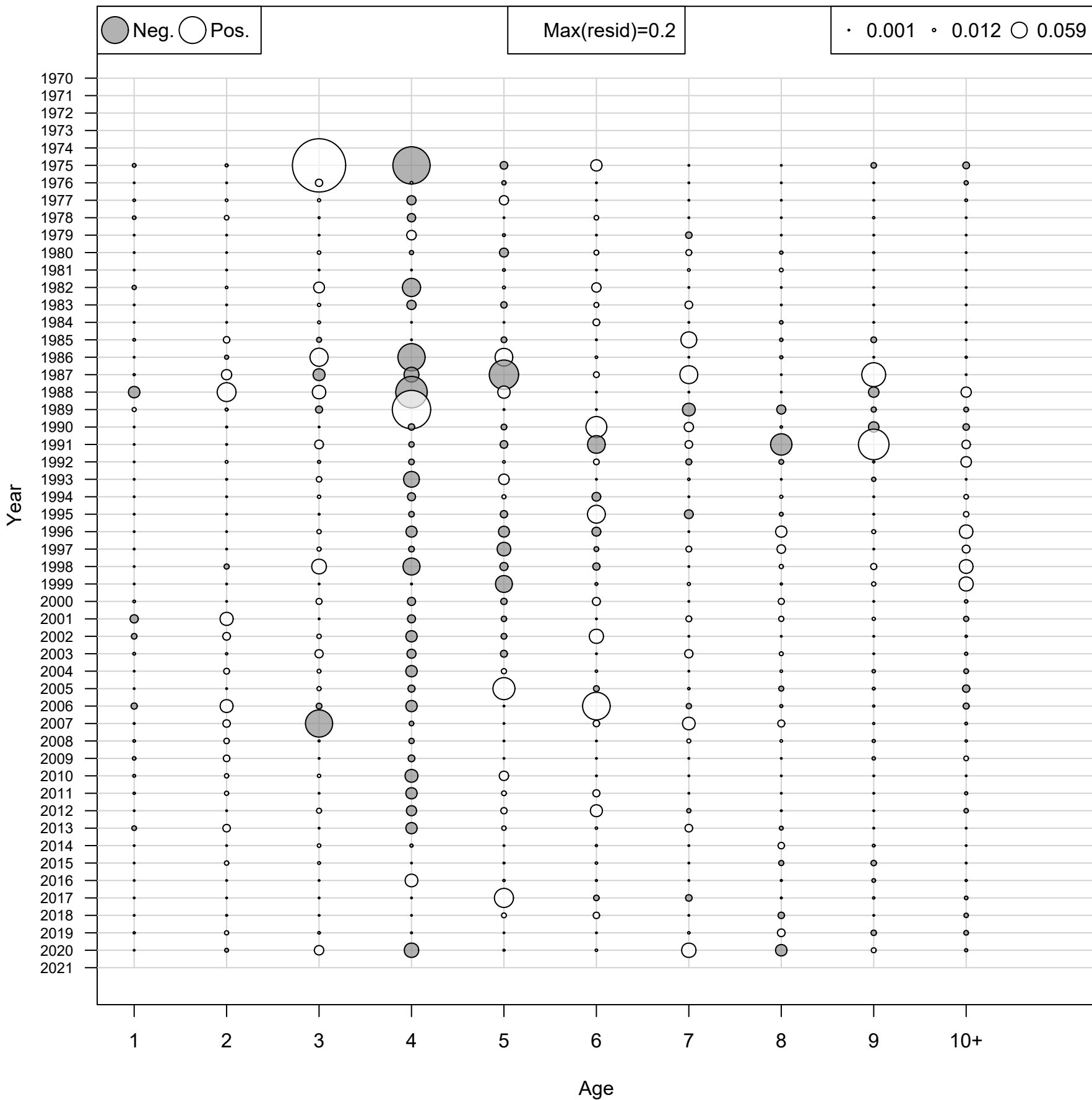
**Fleet 1**  
**Year = 2010**



Year = 2020



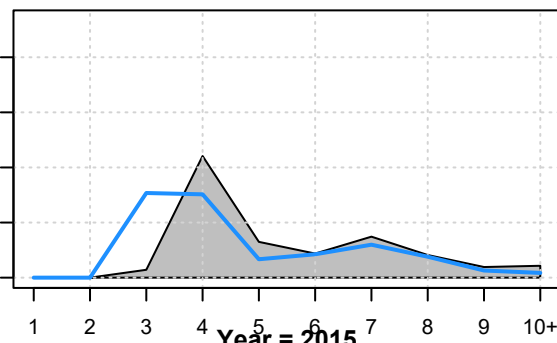
### Age Comp Residuals (Observed-Predicted) for Fleet 1



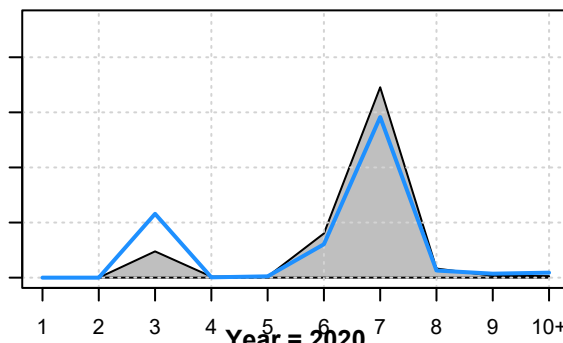




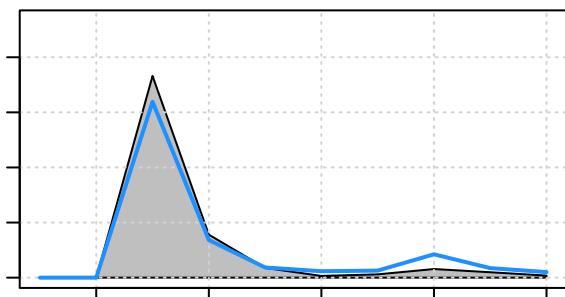
Index 1  
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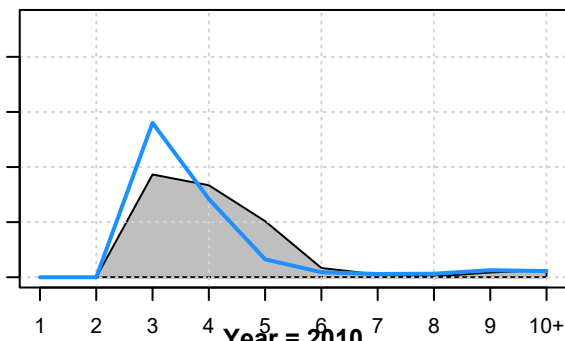
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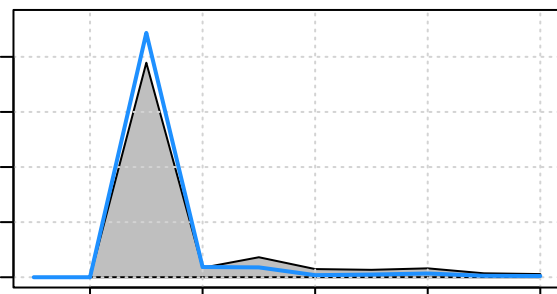
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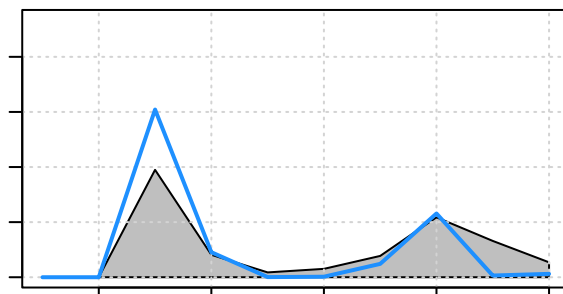
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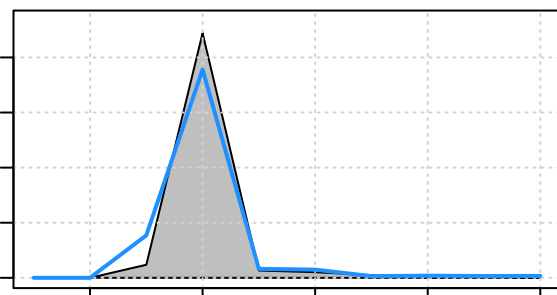
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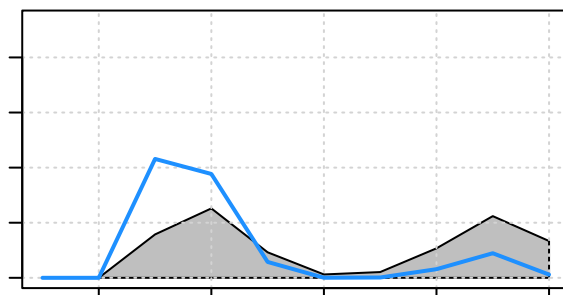
Year = 2020



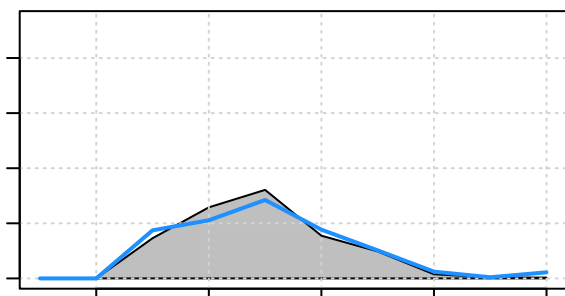
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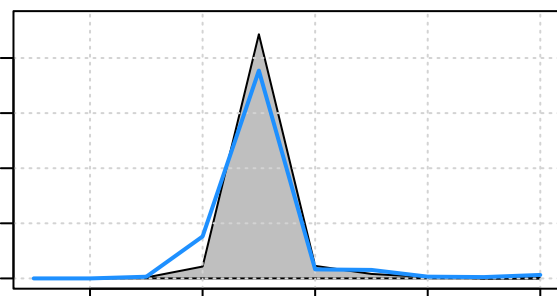
Year = 2021



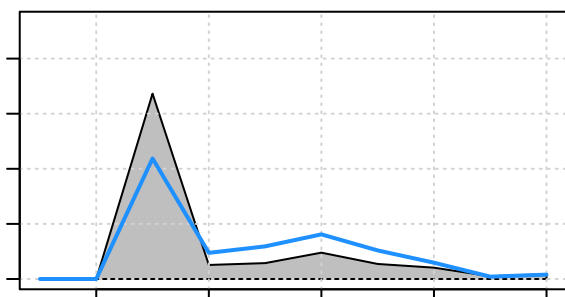
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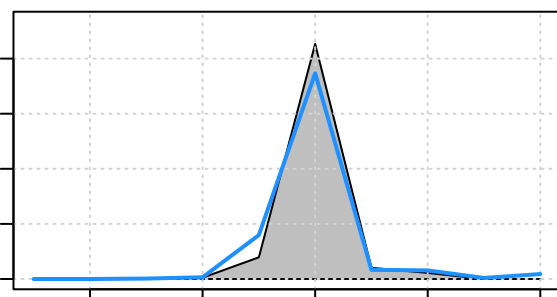
Year = 2017



Year = 2013



Year = 2018

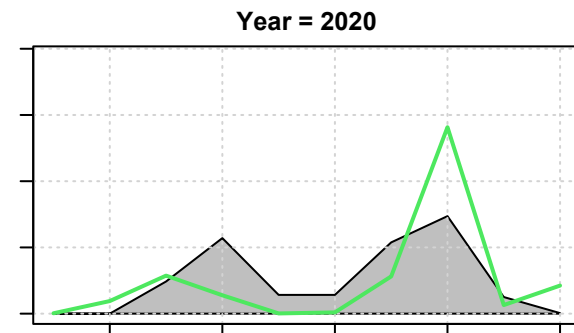
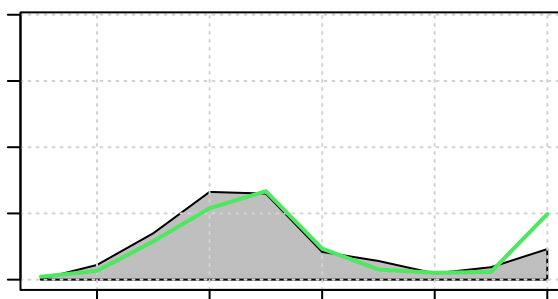
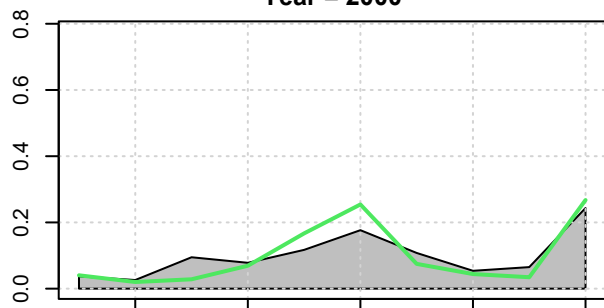


Age

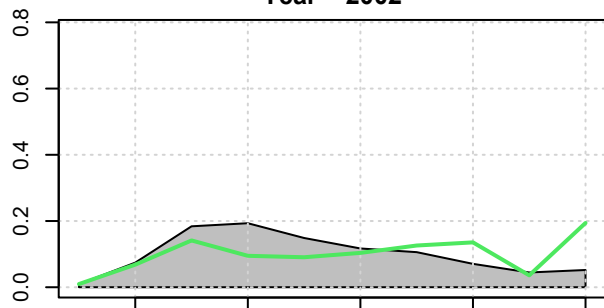
Proportion



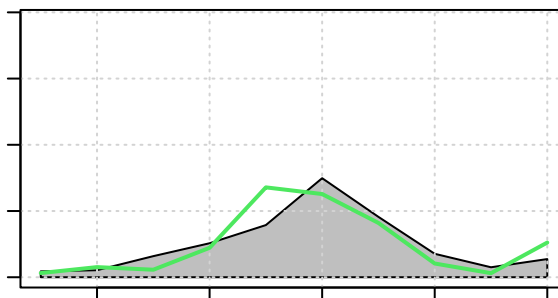
Index 3  
Year = 2010



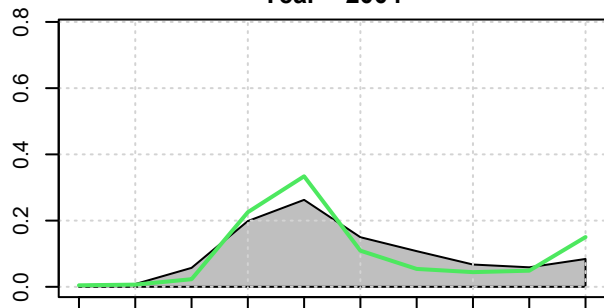
Year = 2002



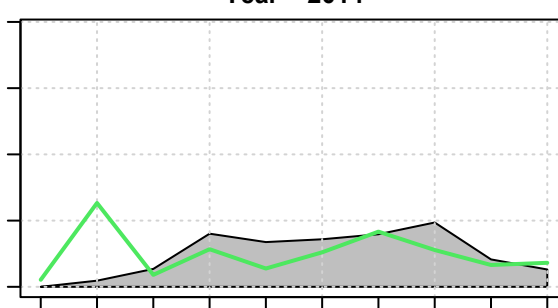
Year = 2012



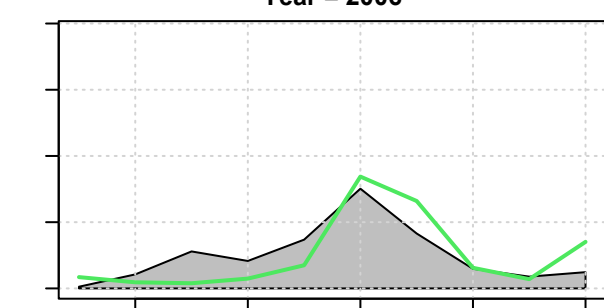
Year = 2004



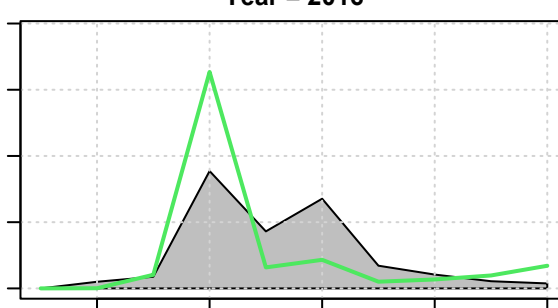
Year = 2014



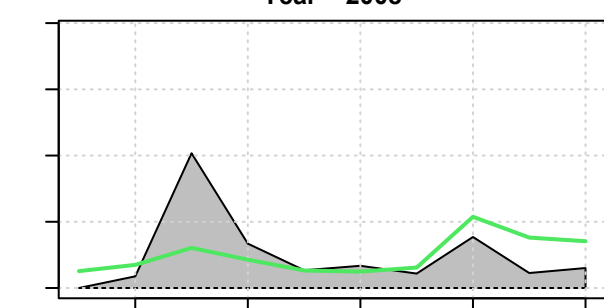
Year = 2006



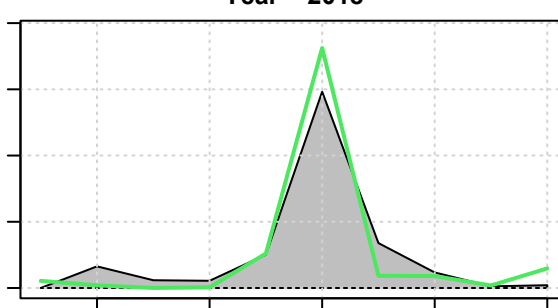
Year = 2016



Year = 2008

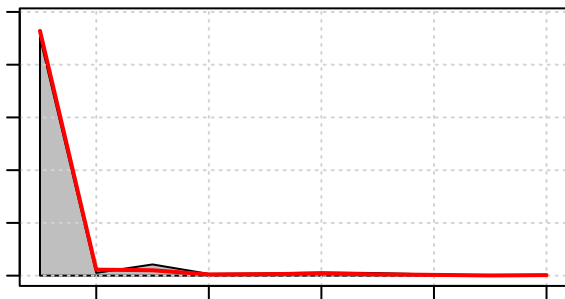


Year = 2018

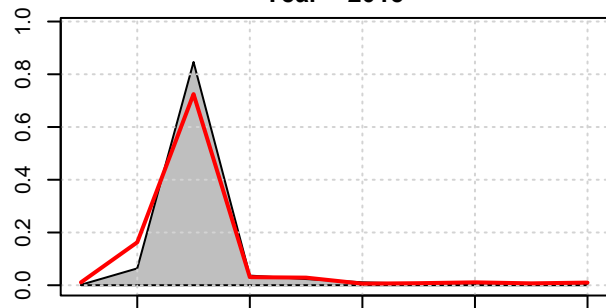


Age

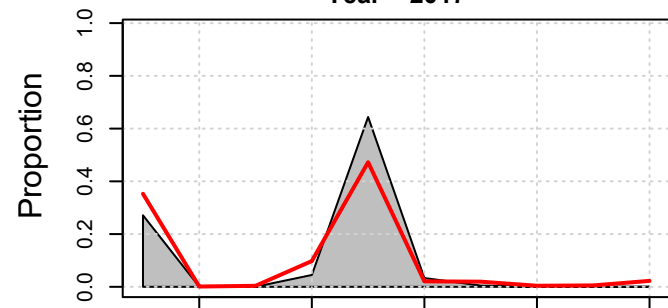
Year = 2013



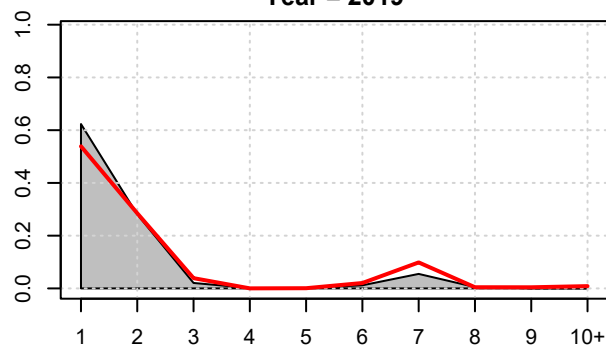
Year = 2015



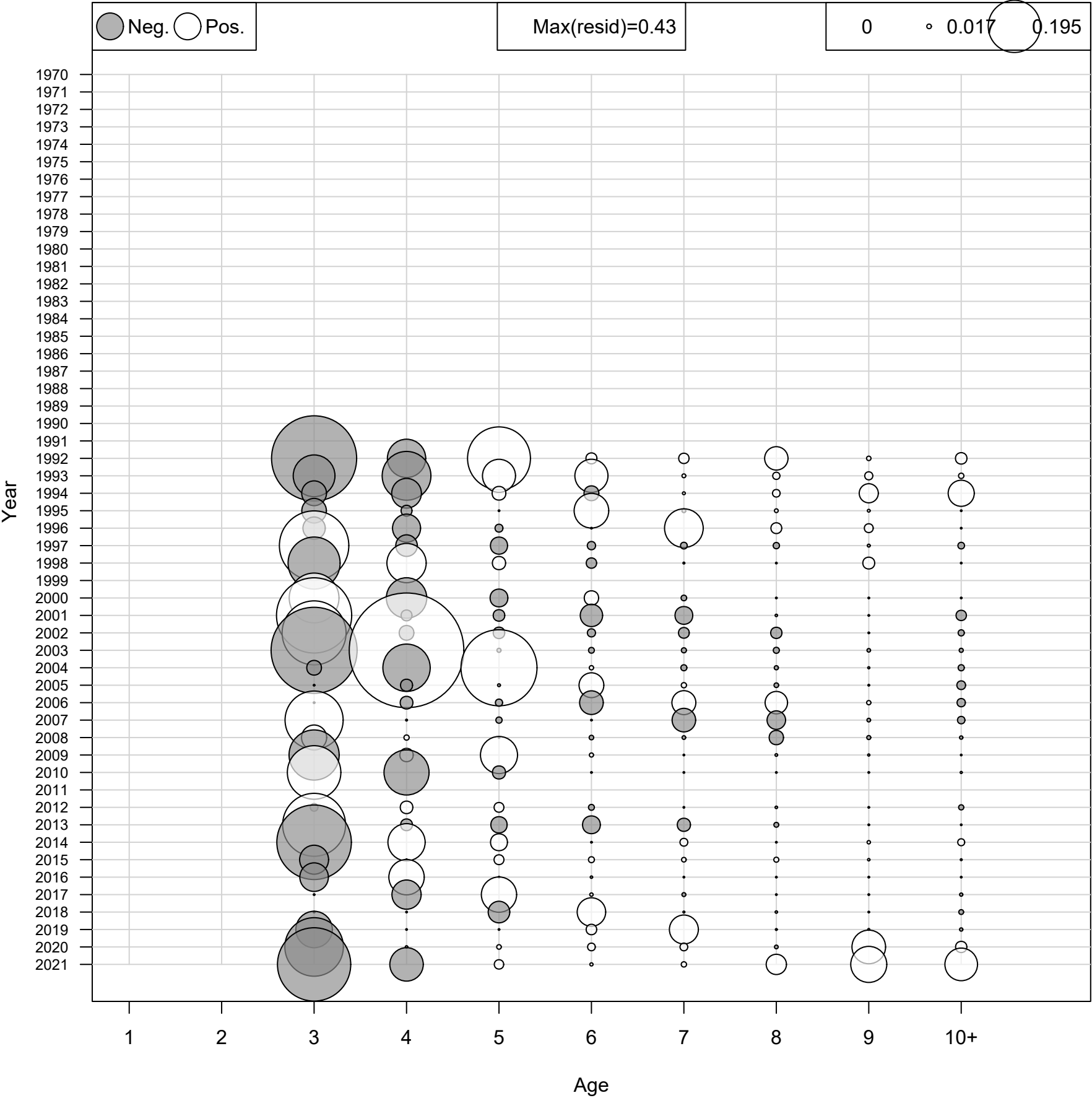
Year = 2017



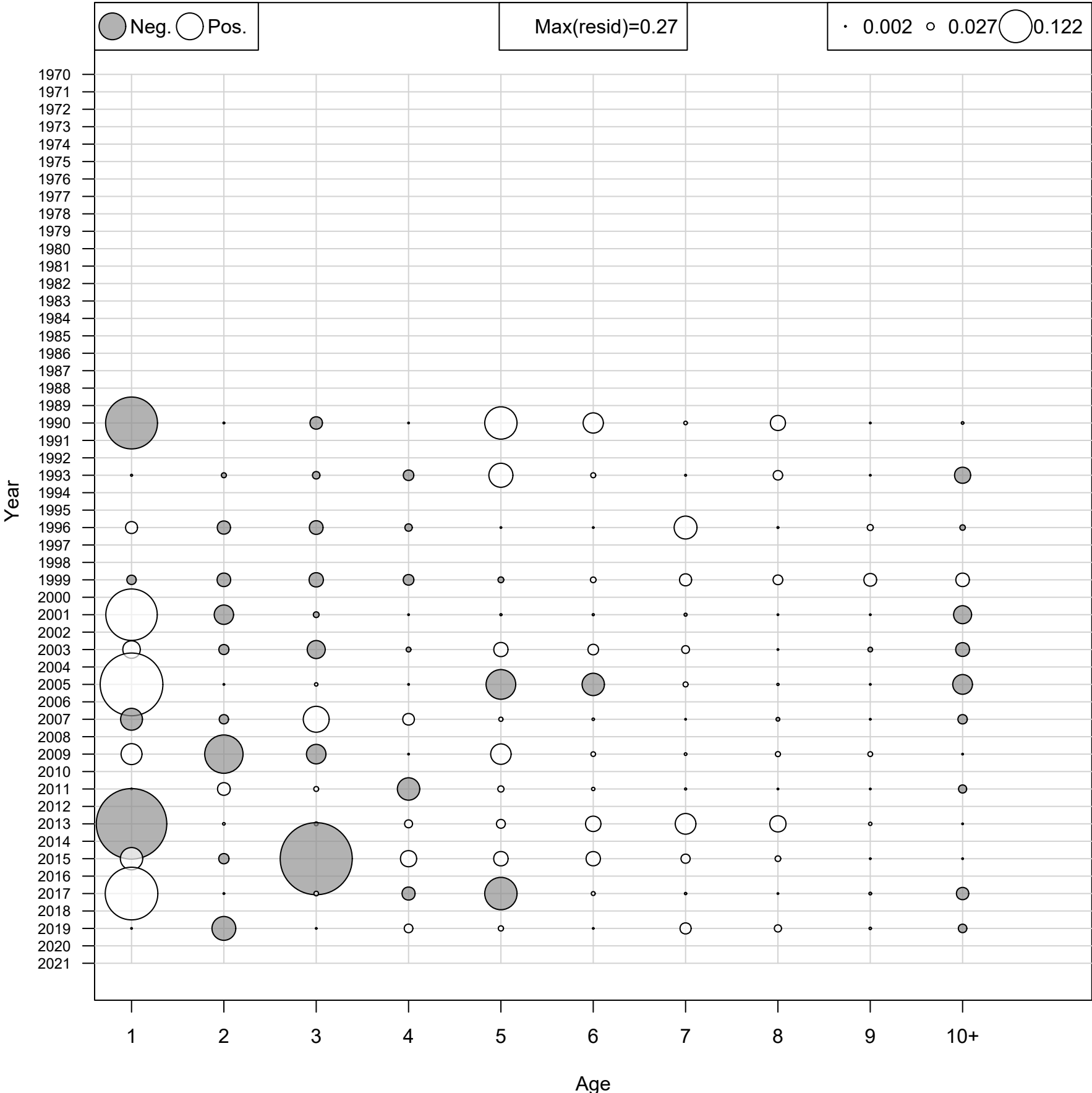
Year = 2019



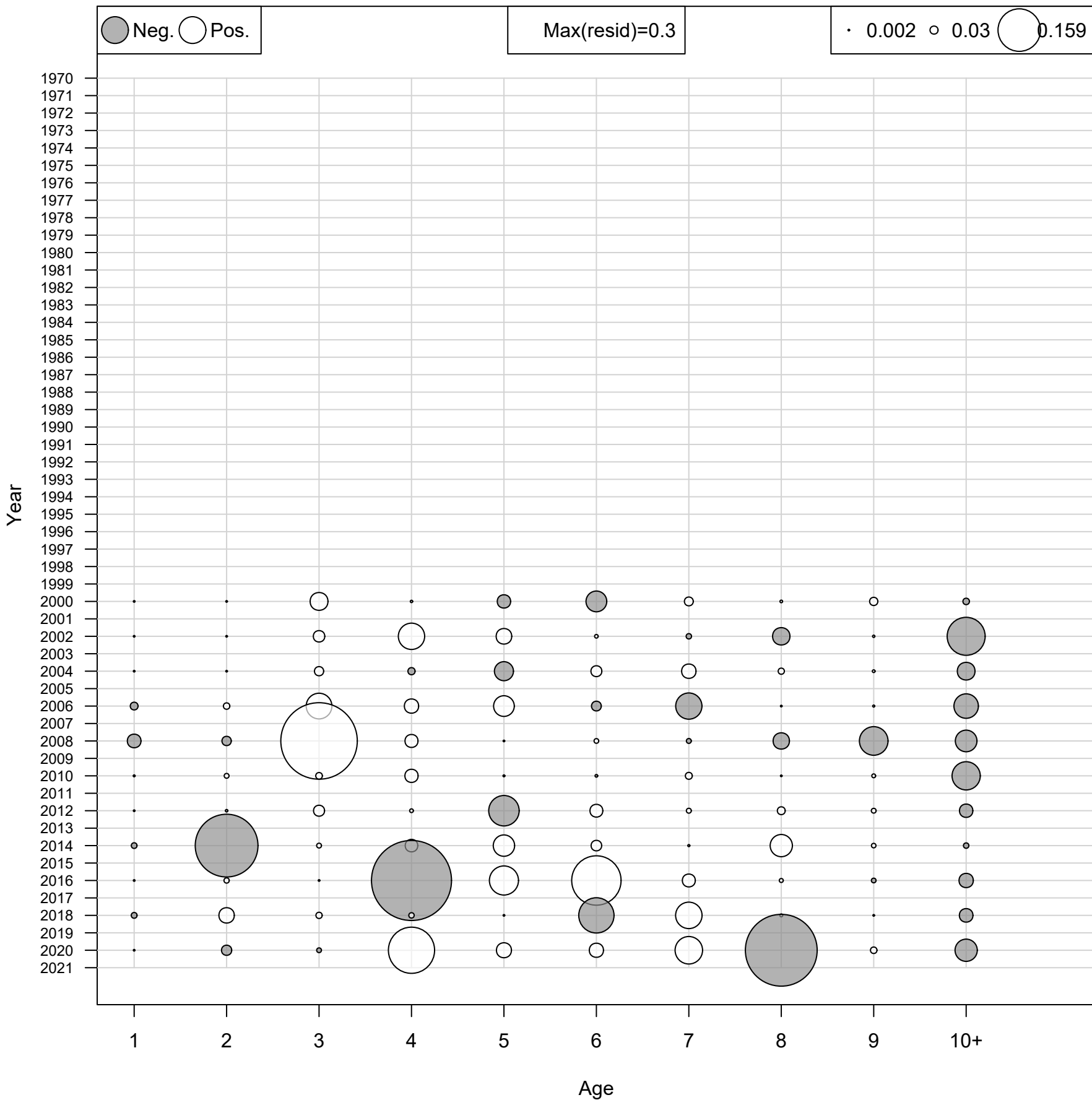
Age Comp Residuals (Observed-Predicted) for Index 1



### Age Comp Residuals (Observed-Predicted) for Index 2



### Age Comp Residuals (Observed-Predicted) for Index 3





# Age Comp Residuals (Observed-Predicted) for Index 6

