

pollock_c

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

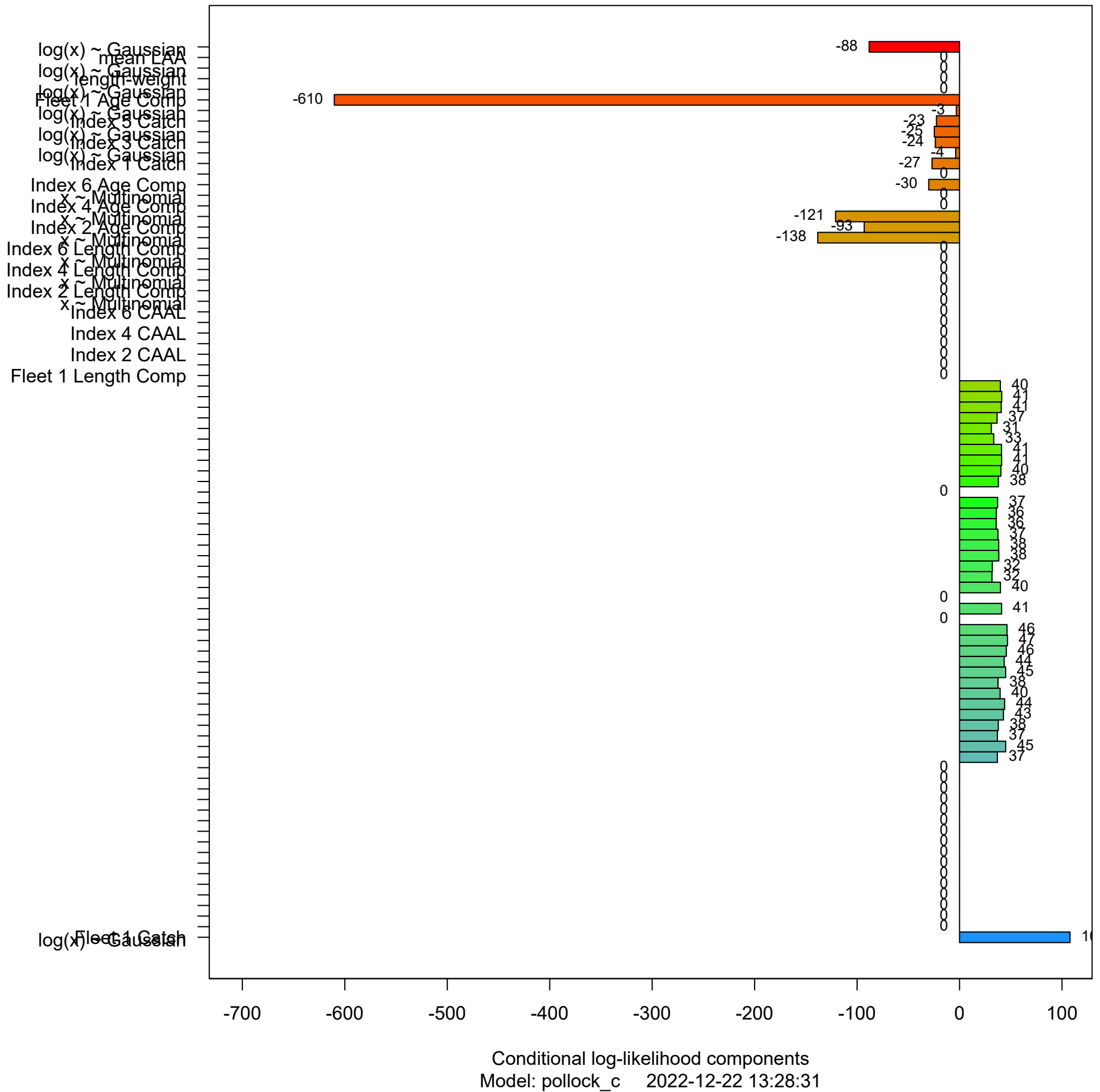
Index 2 Selectivity Blocks: 3

Index 3 Selectivity Blocks: 4

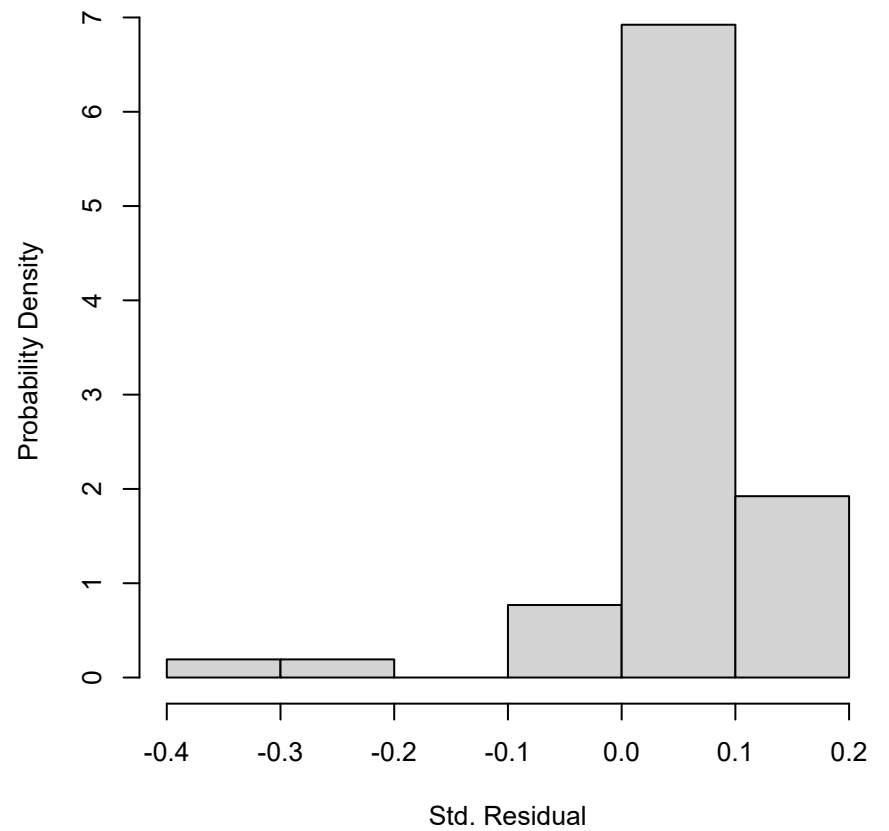
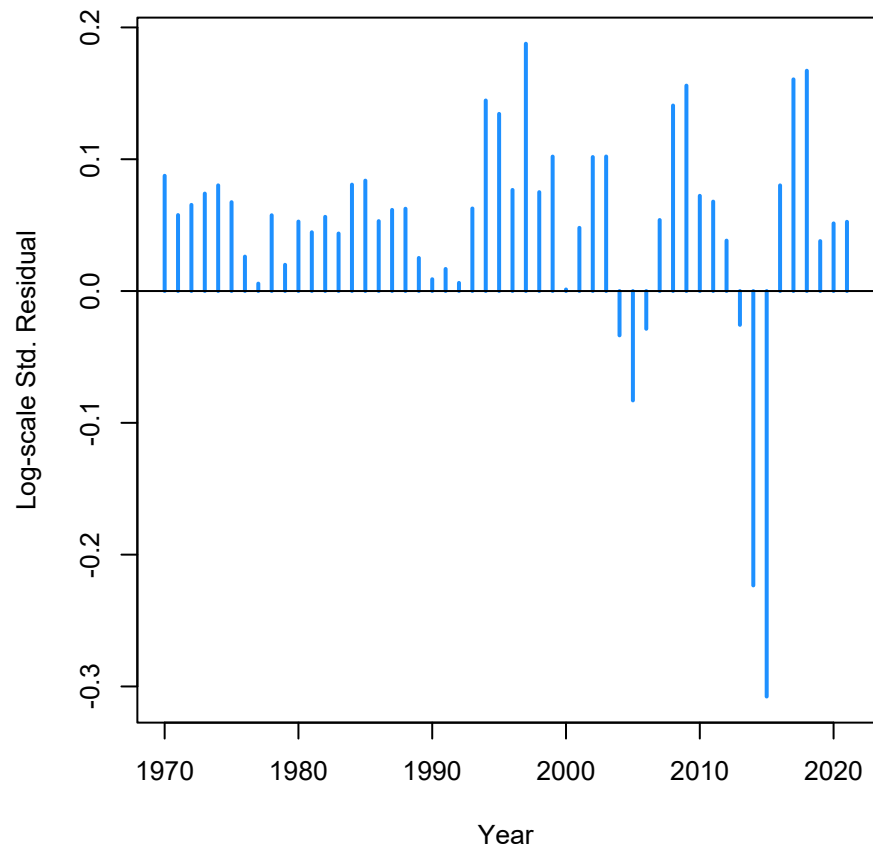
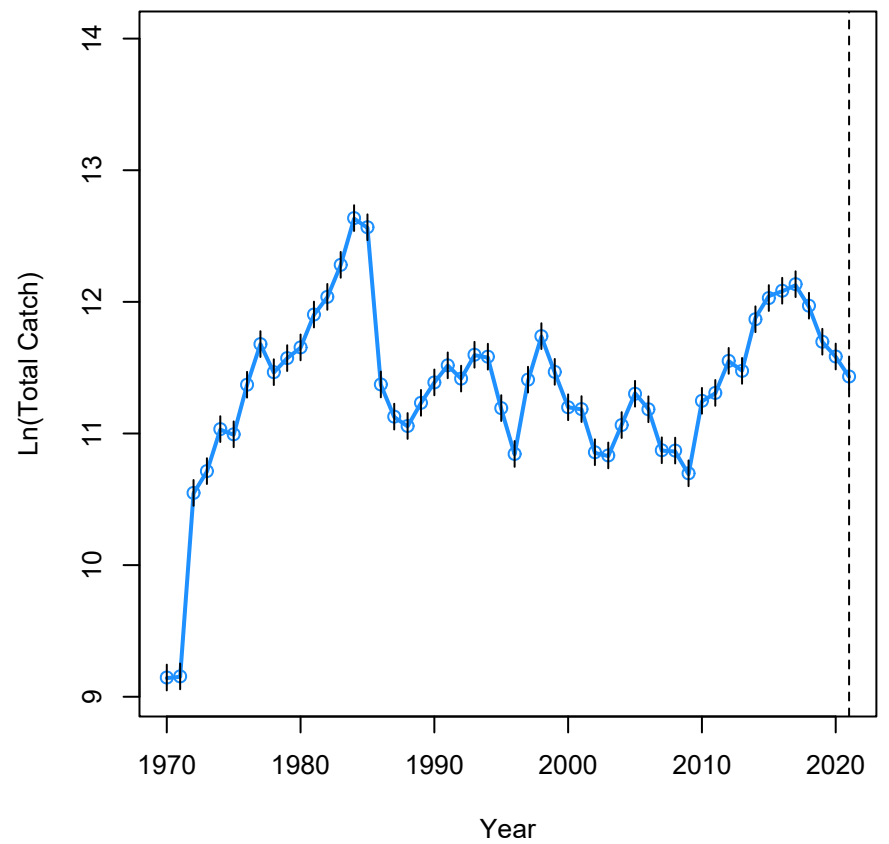
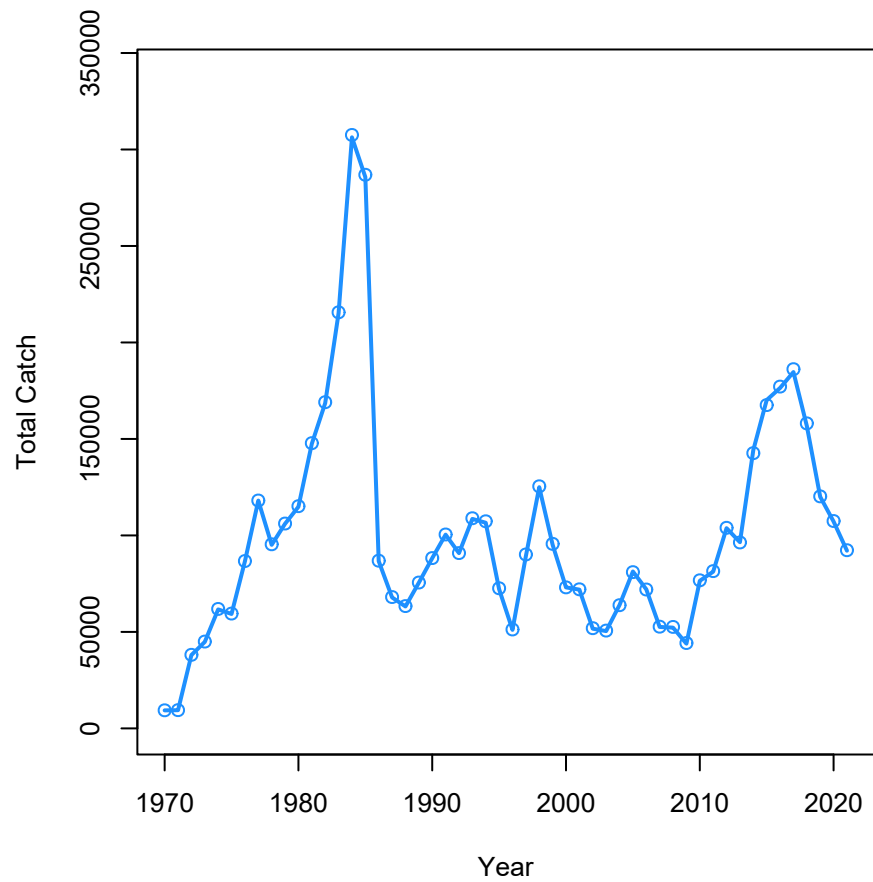
Index 4 Selectivity Blocks: 5

Index 5 Selectivity Blocks: 6

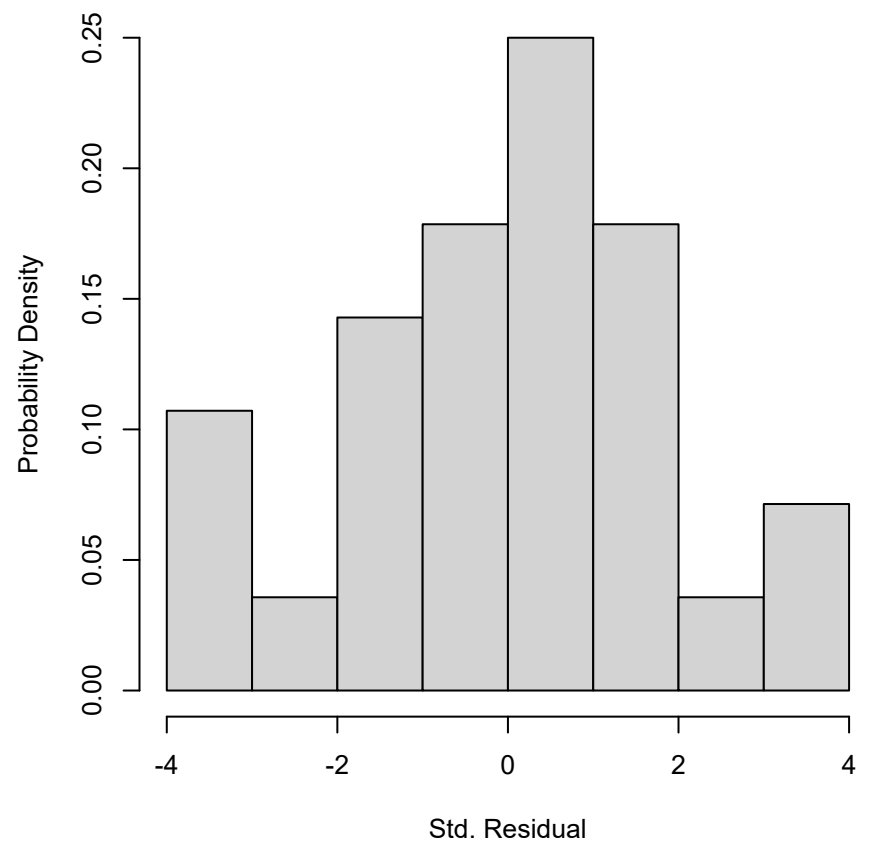
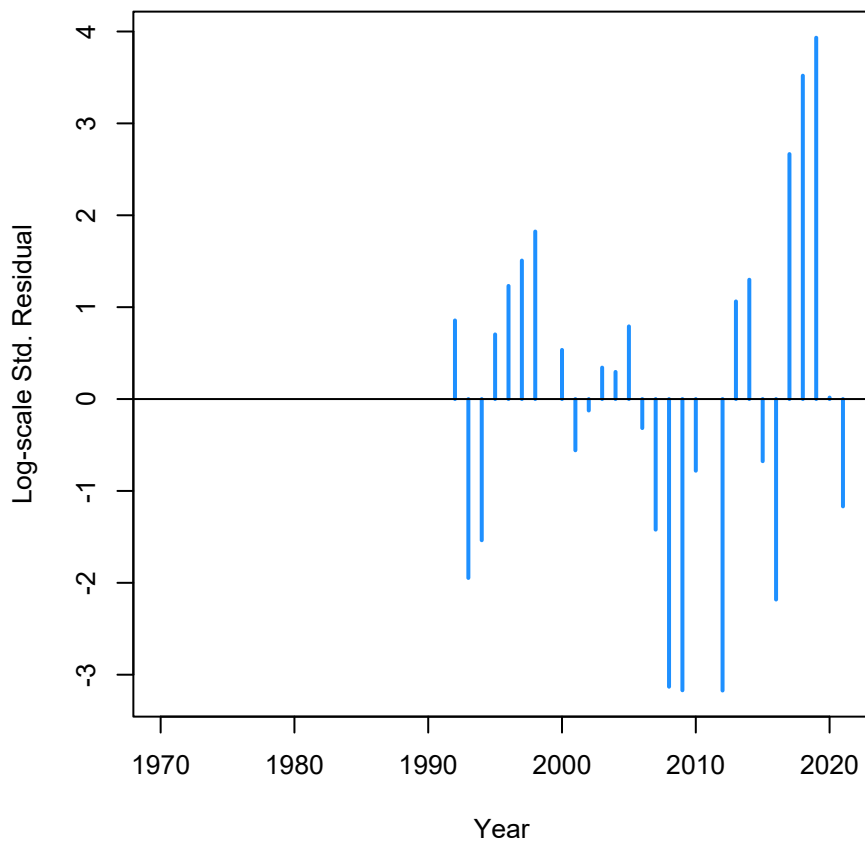
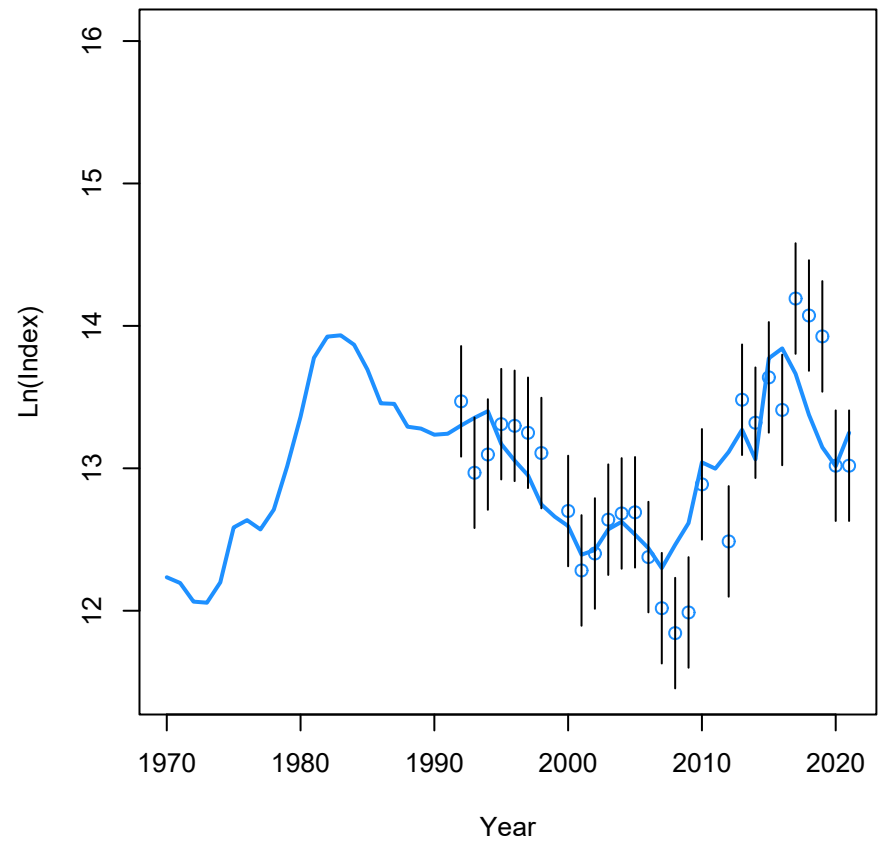
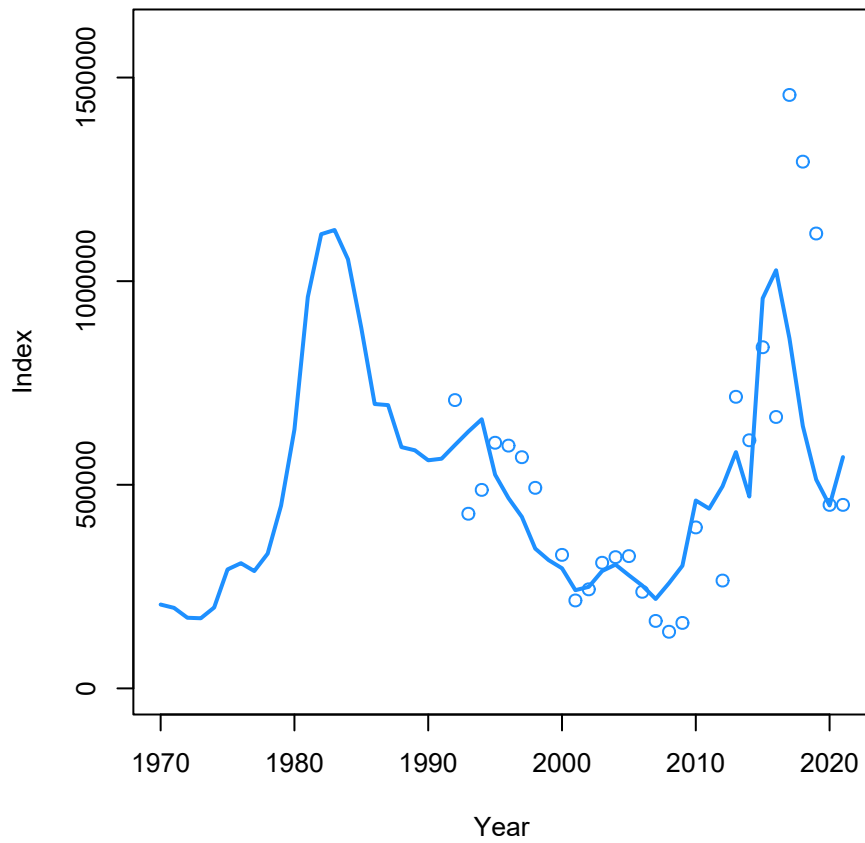
Index 6 Selectivity Blocks: 7



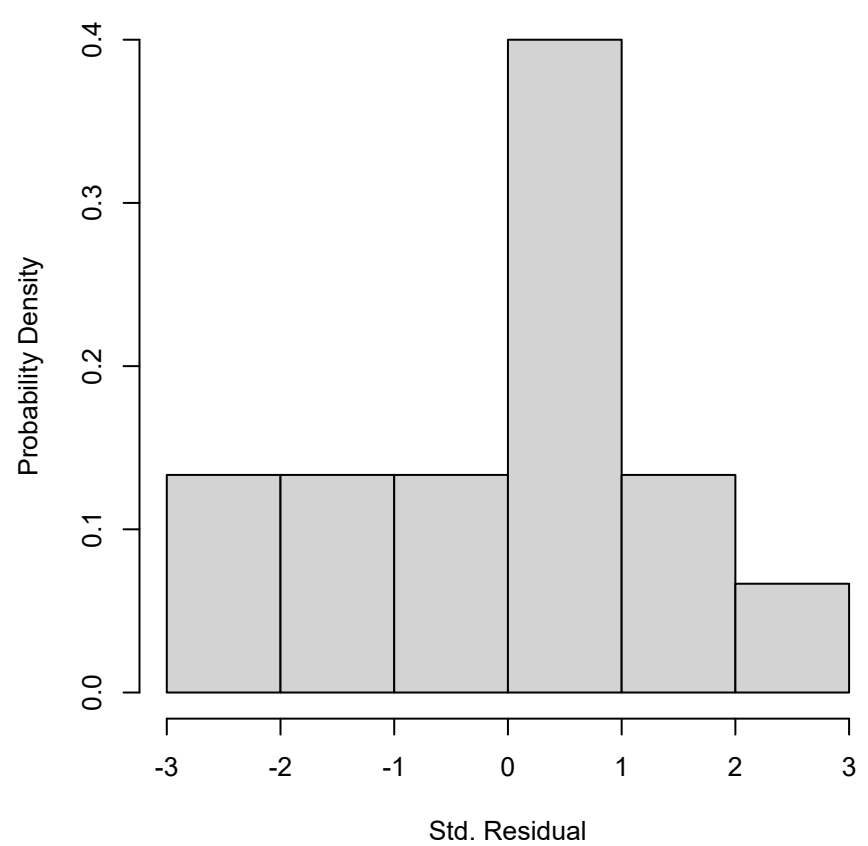
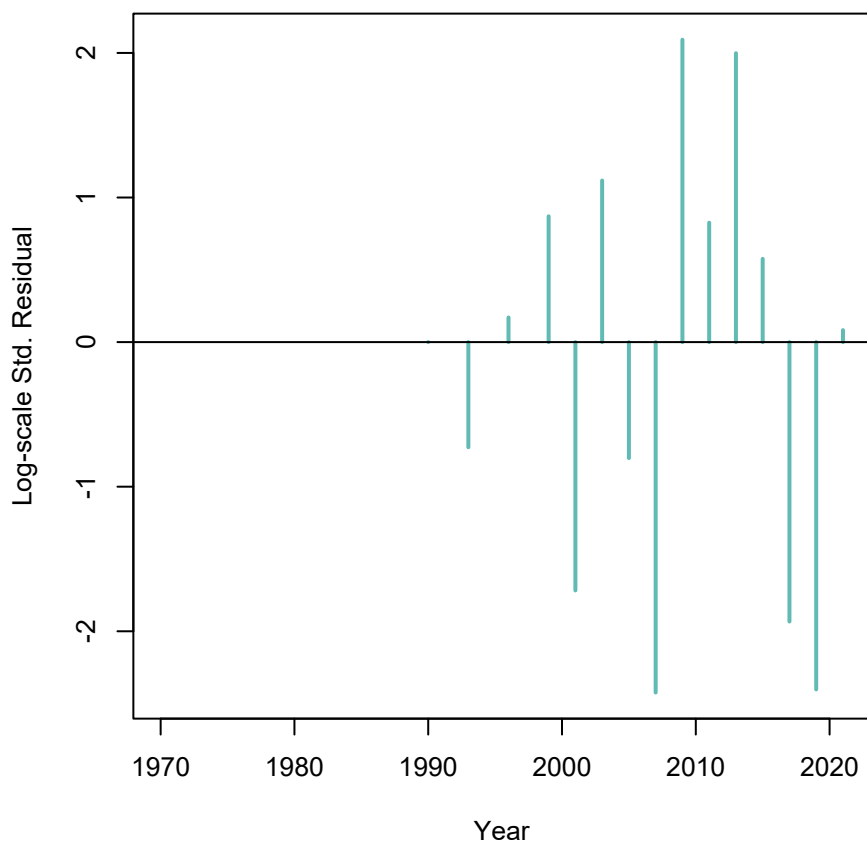
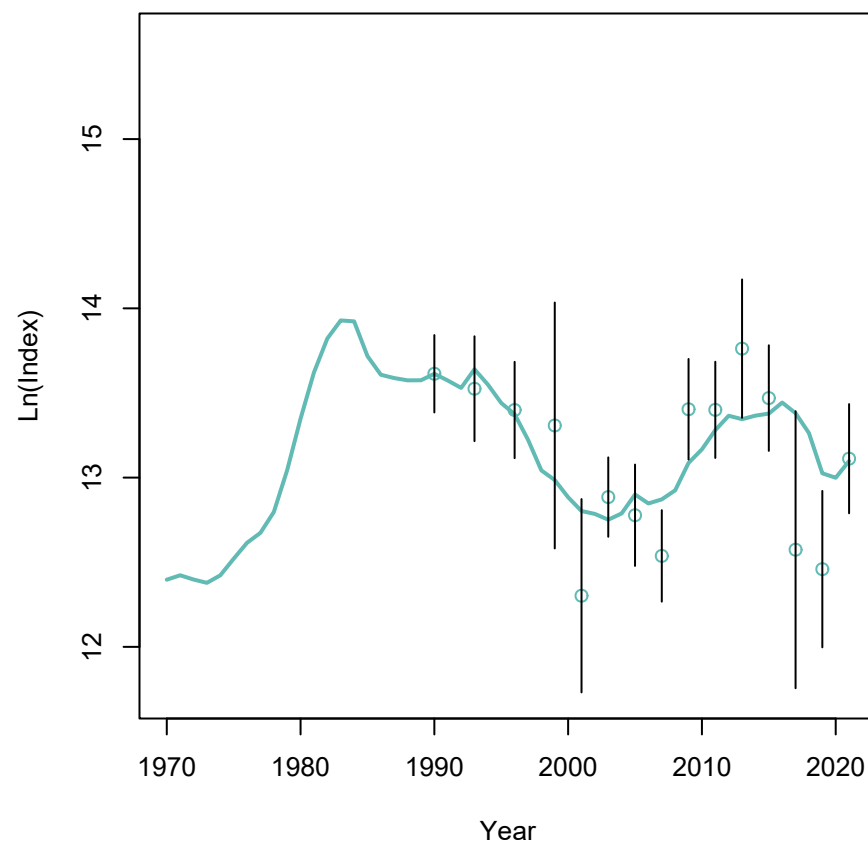
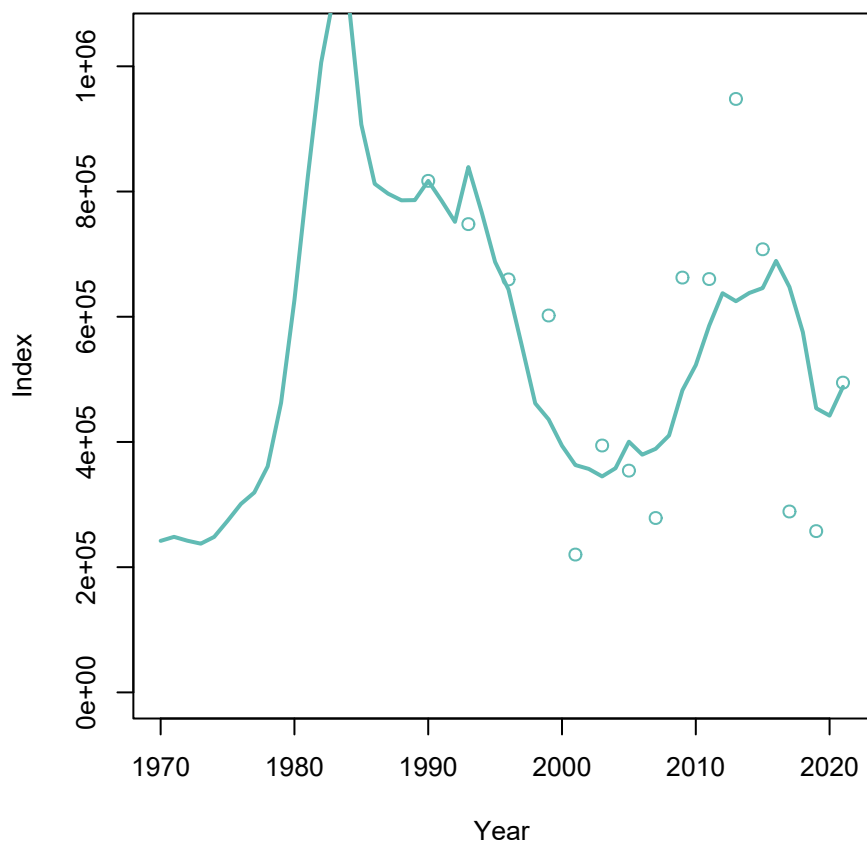
Fleet 1 Catch



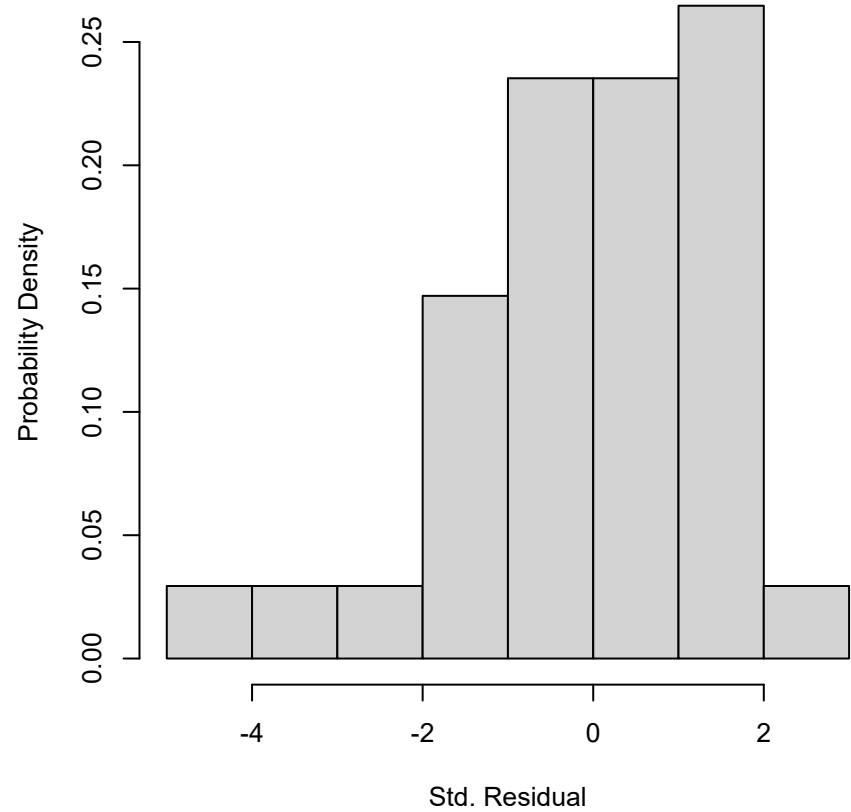
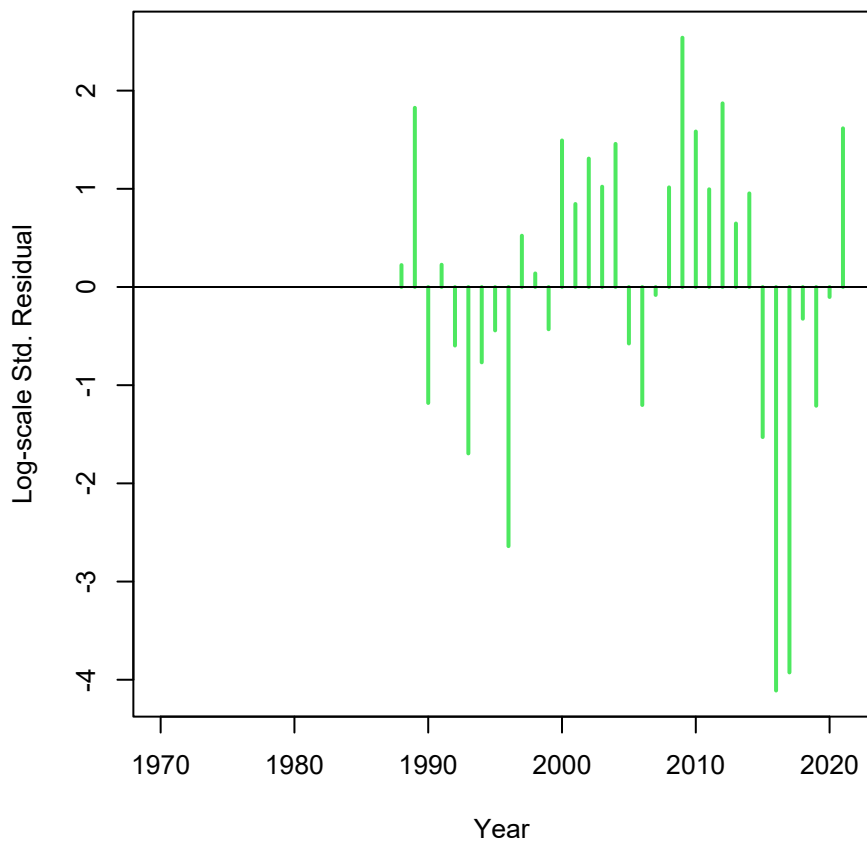
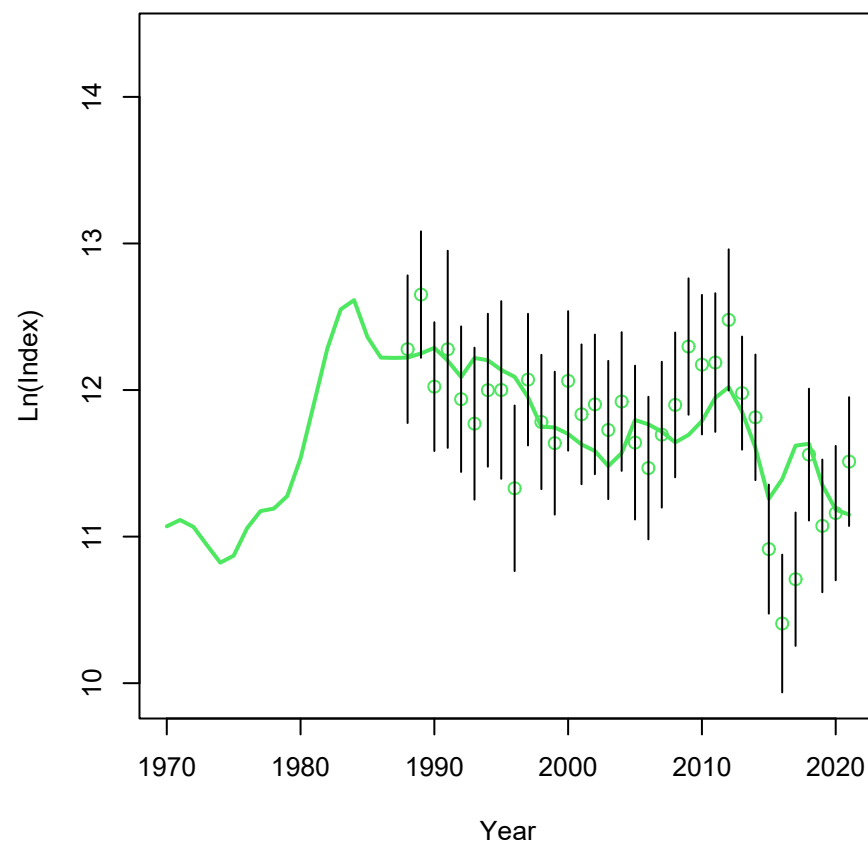
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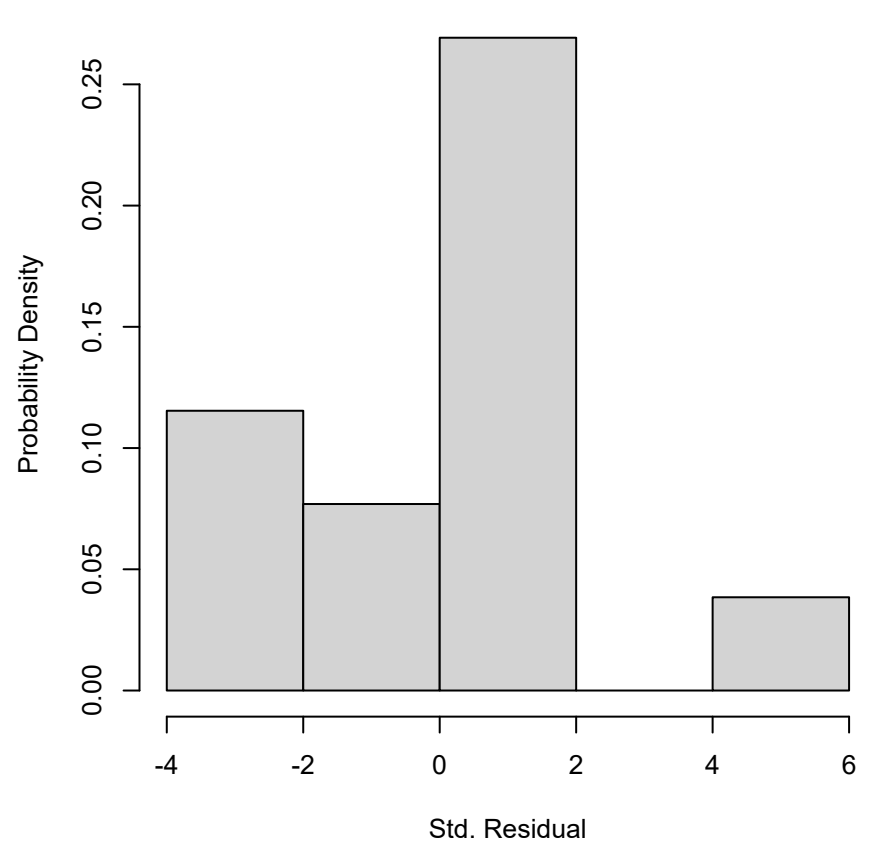
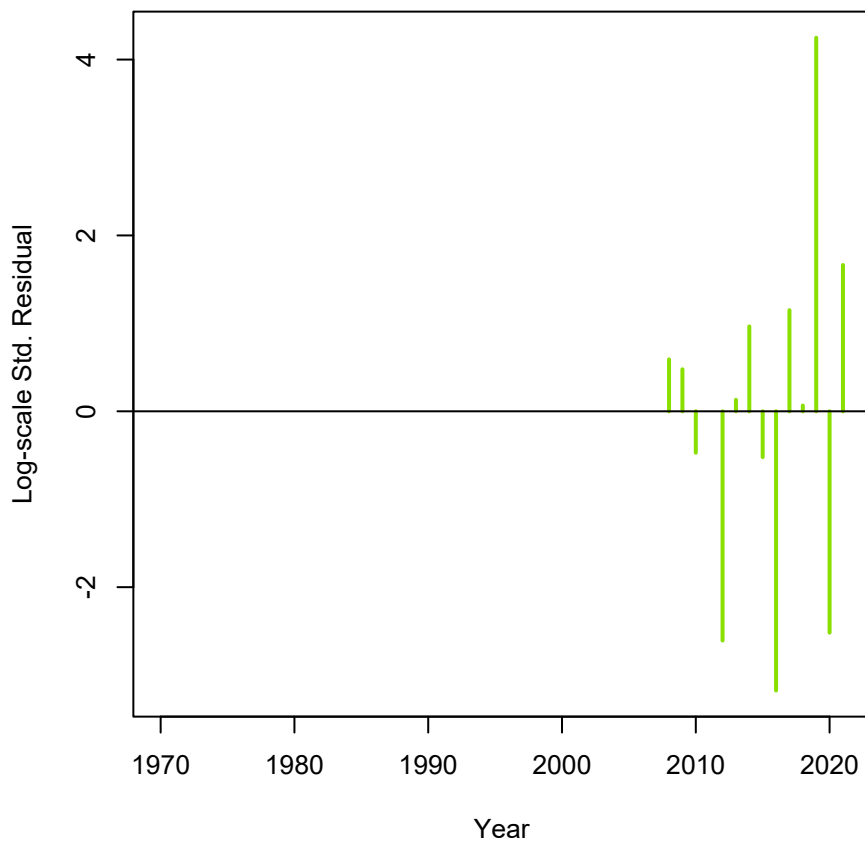
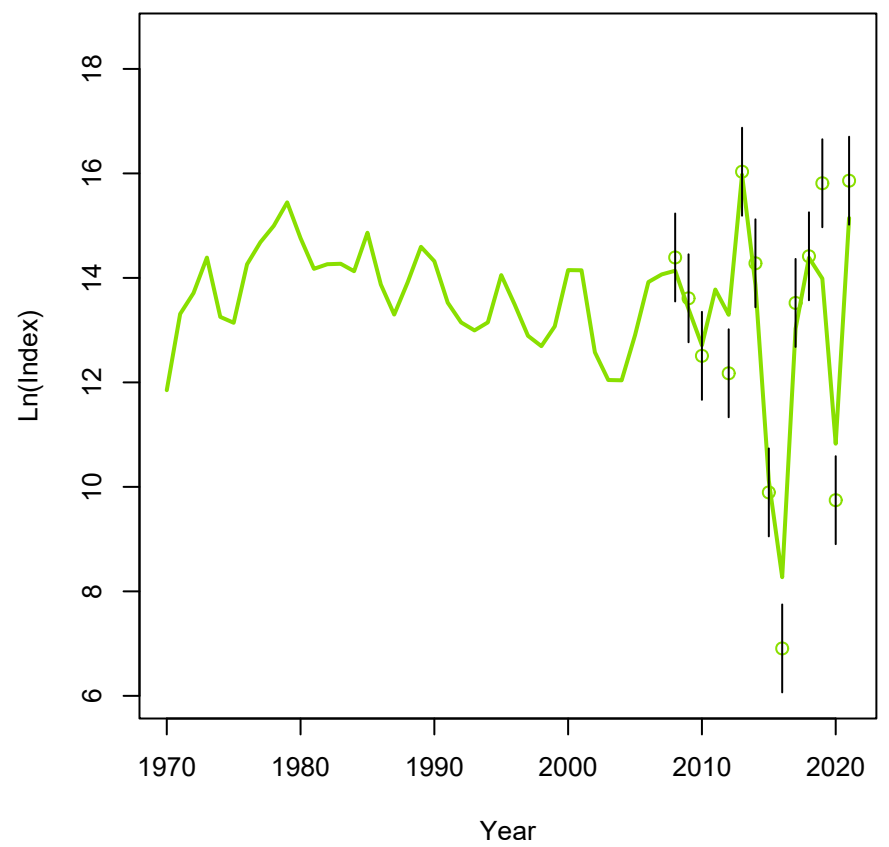
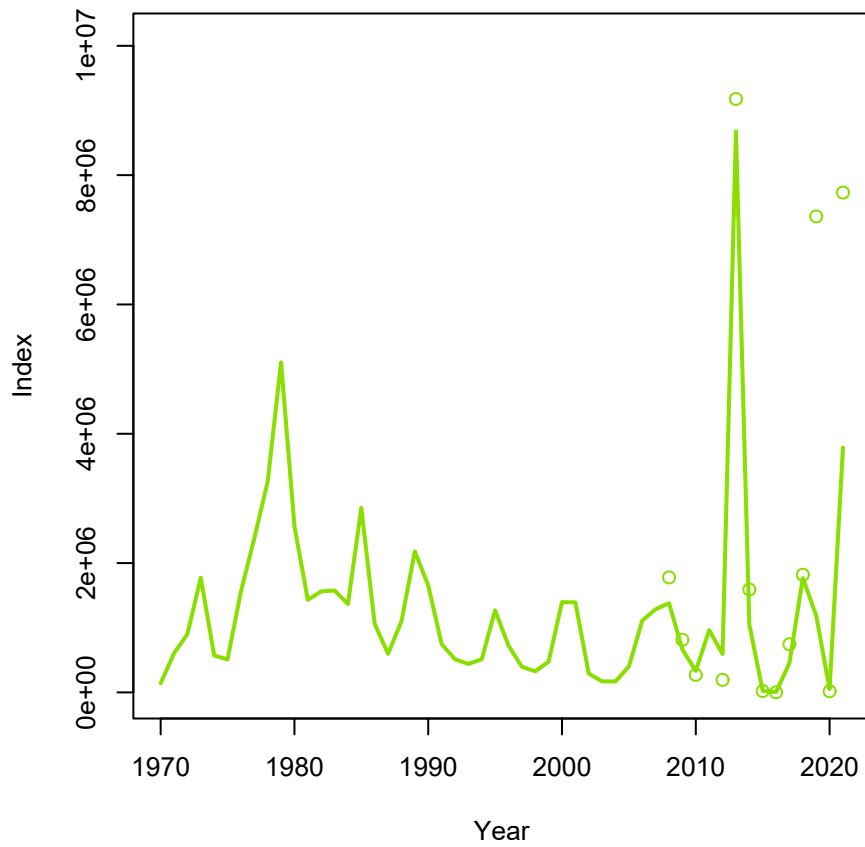
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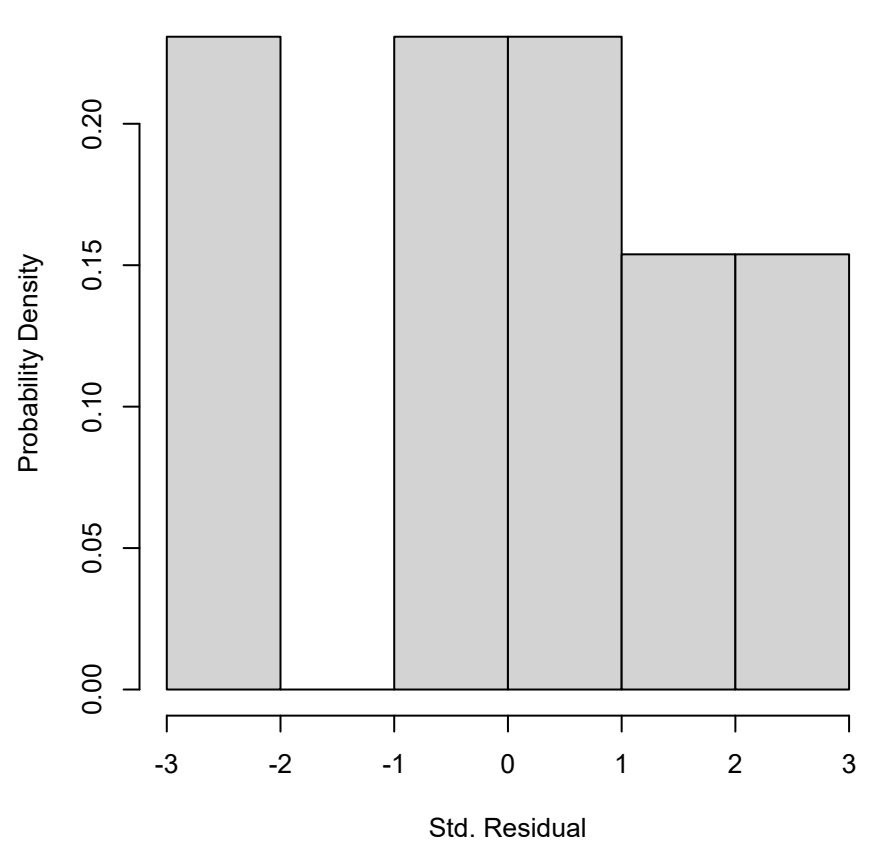
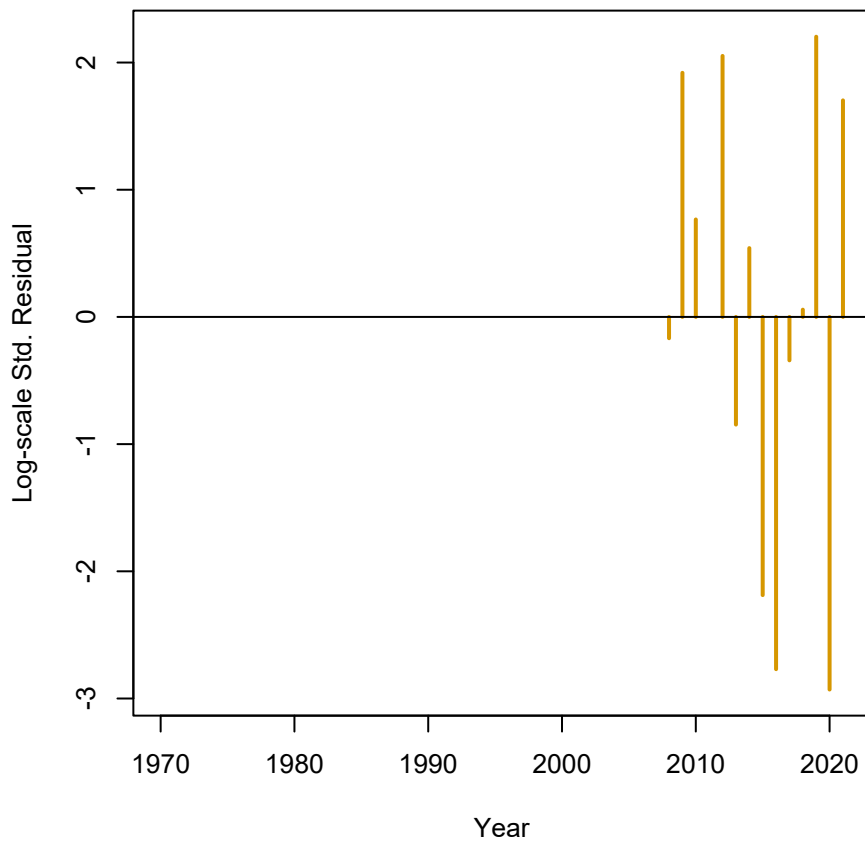
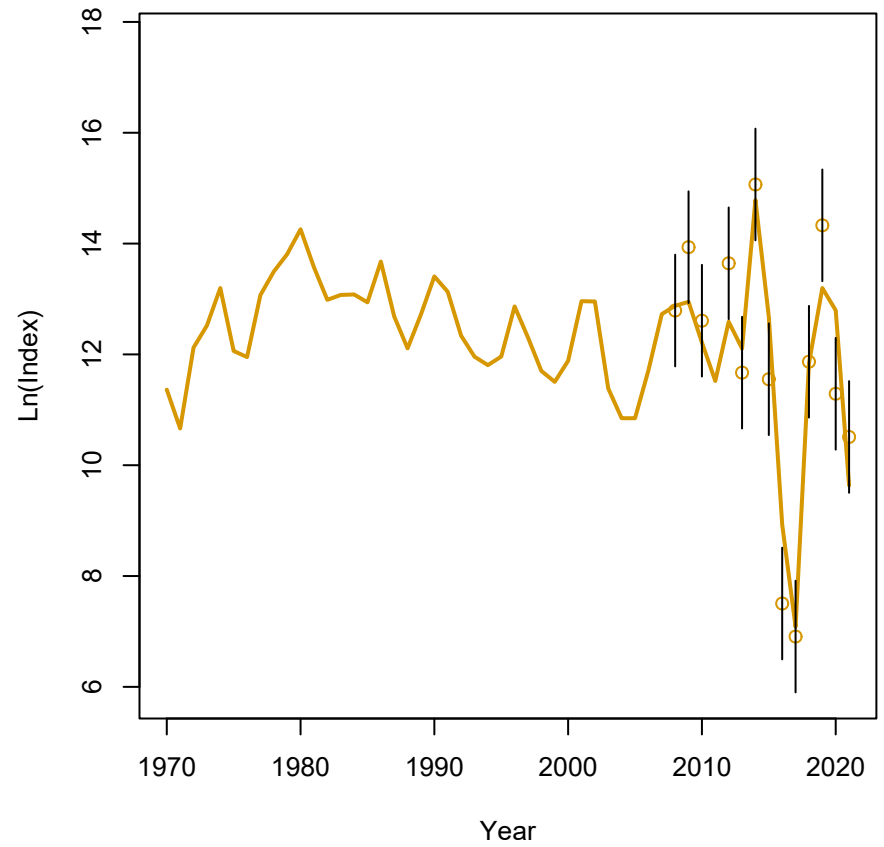
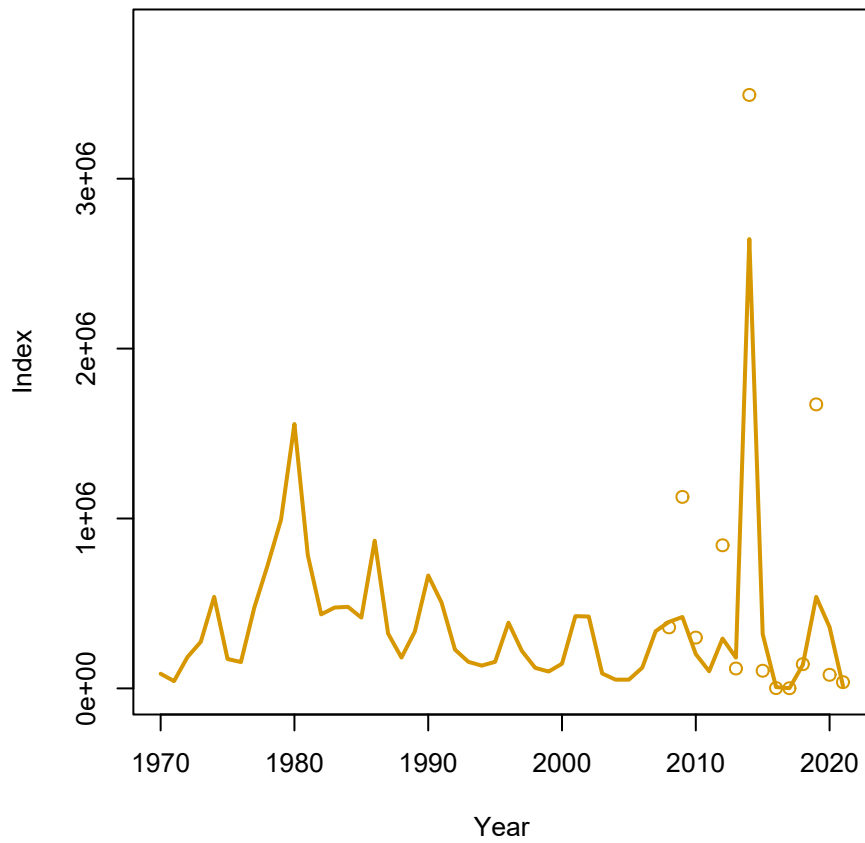
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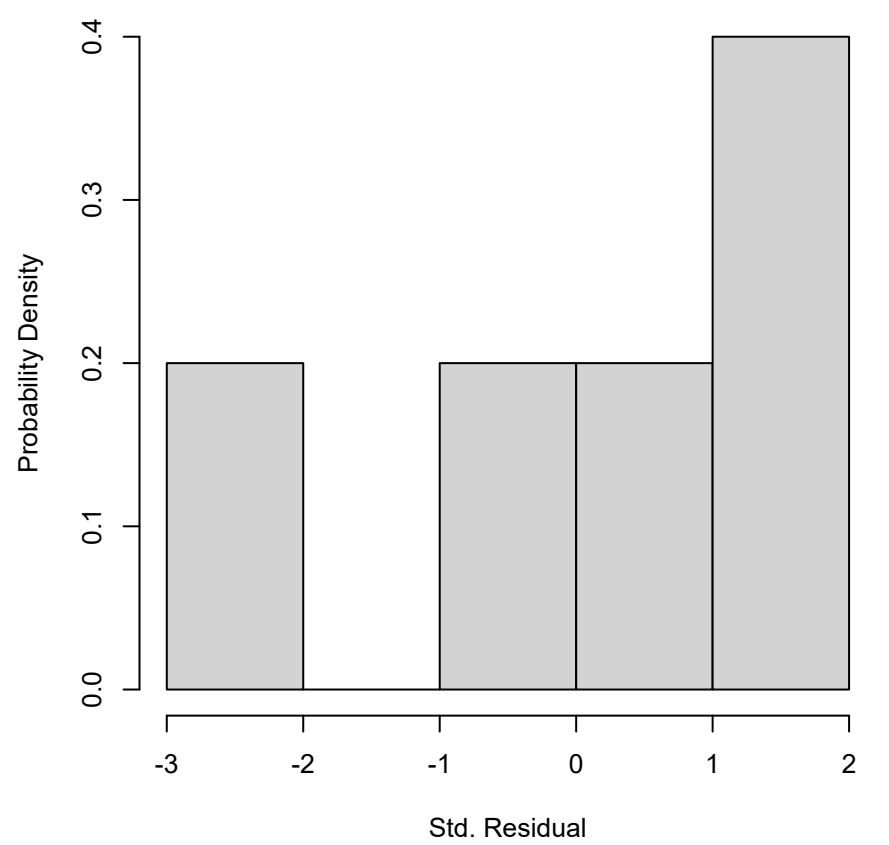
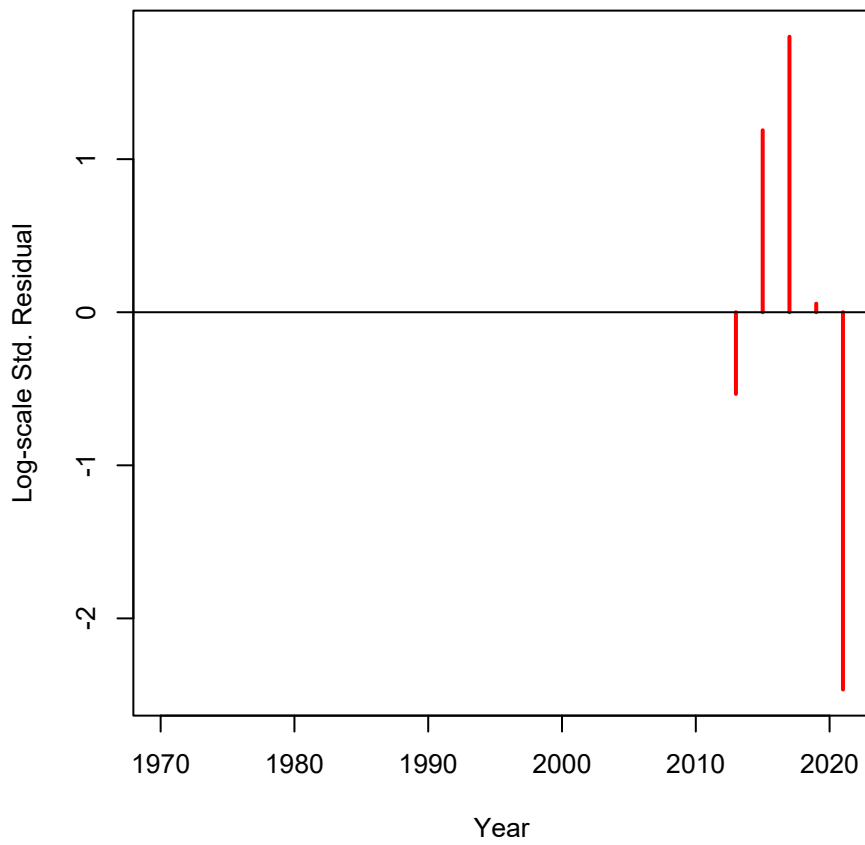
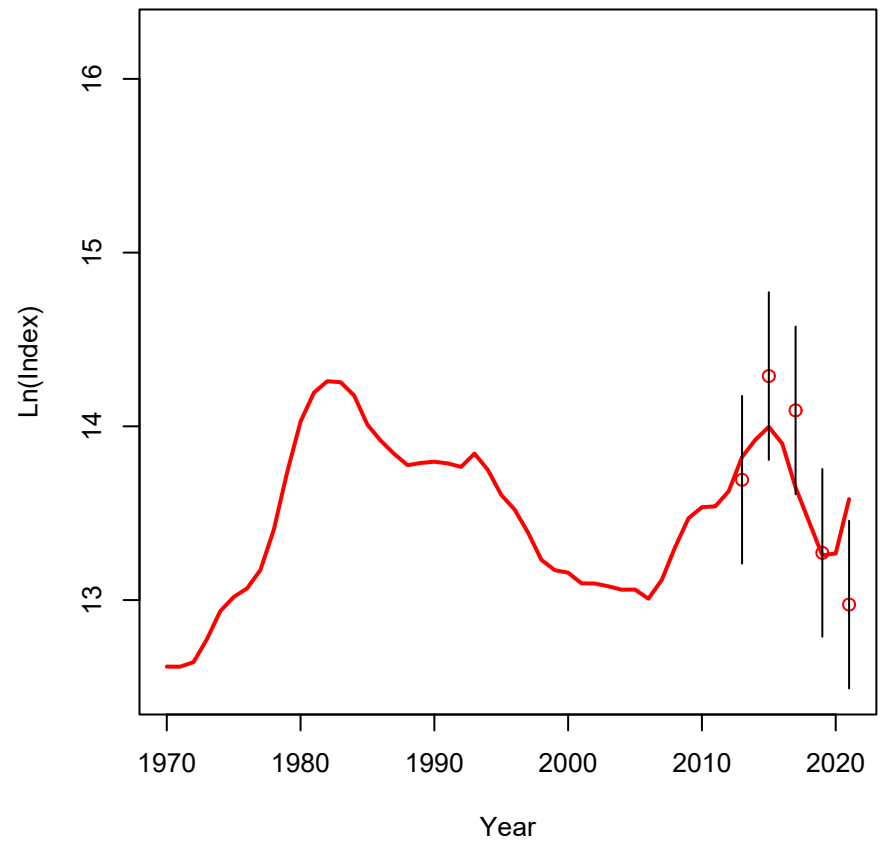
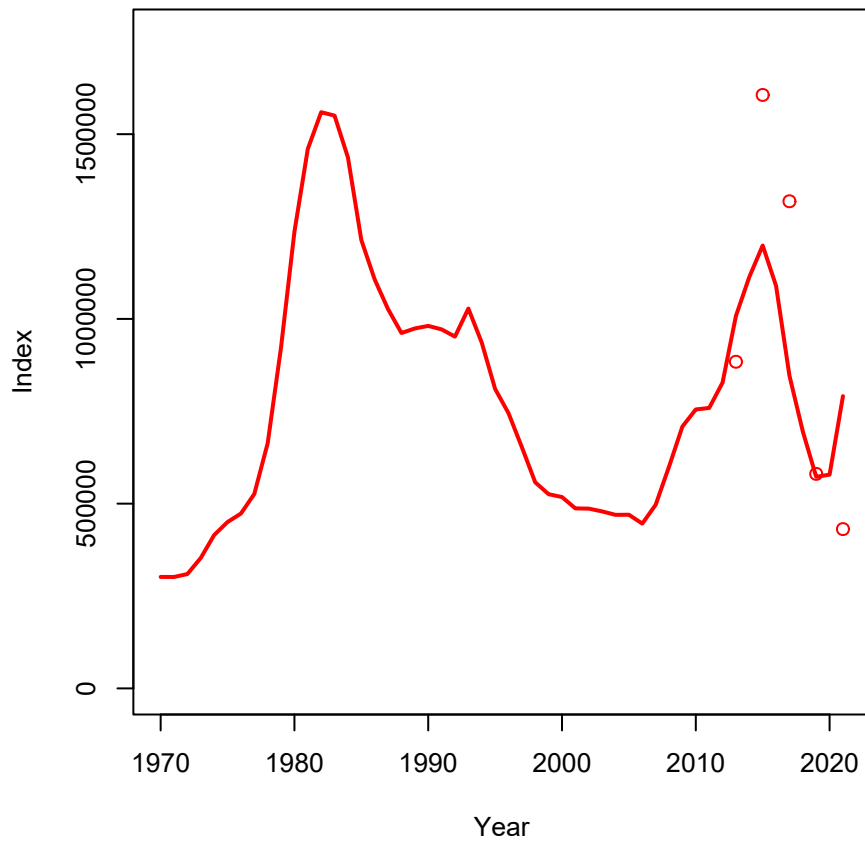
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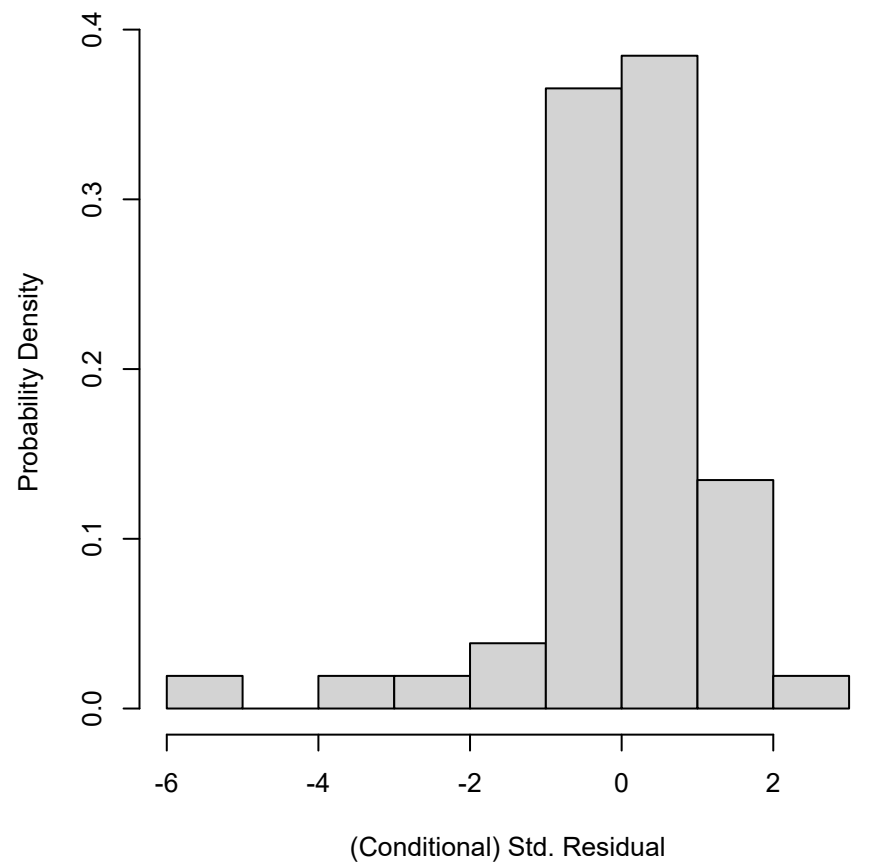
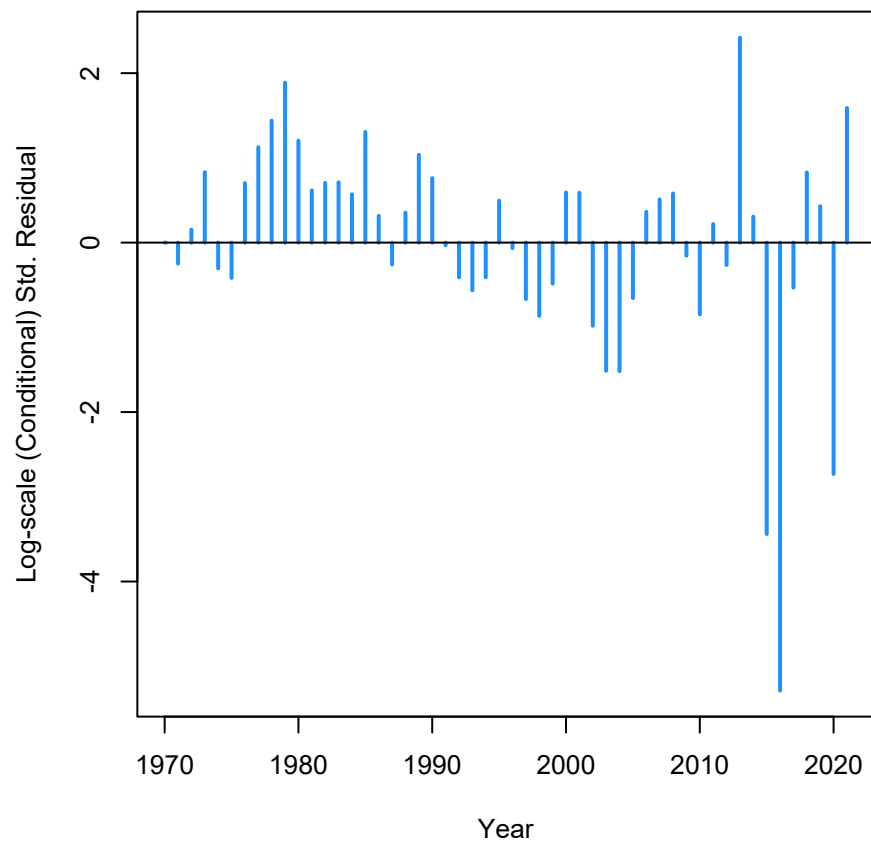
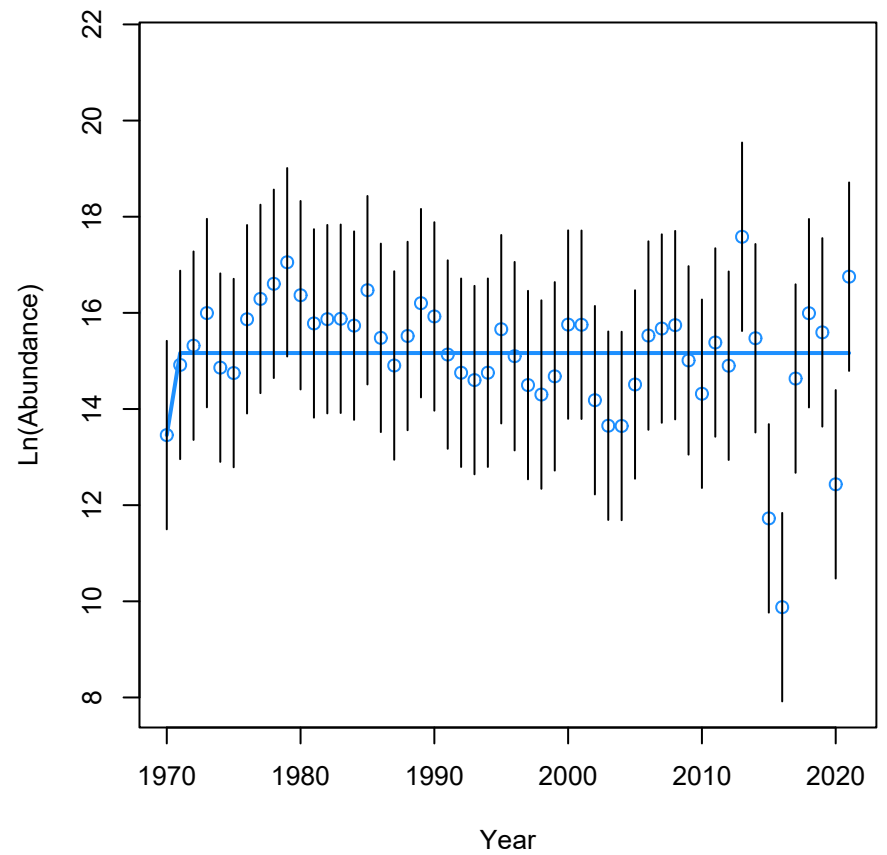
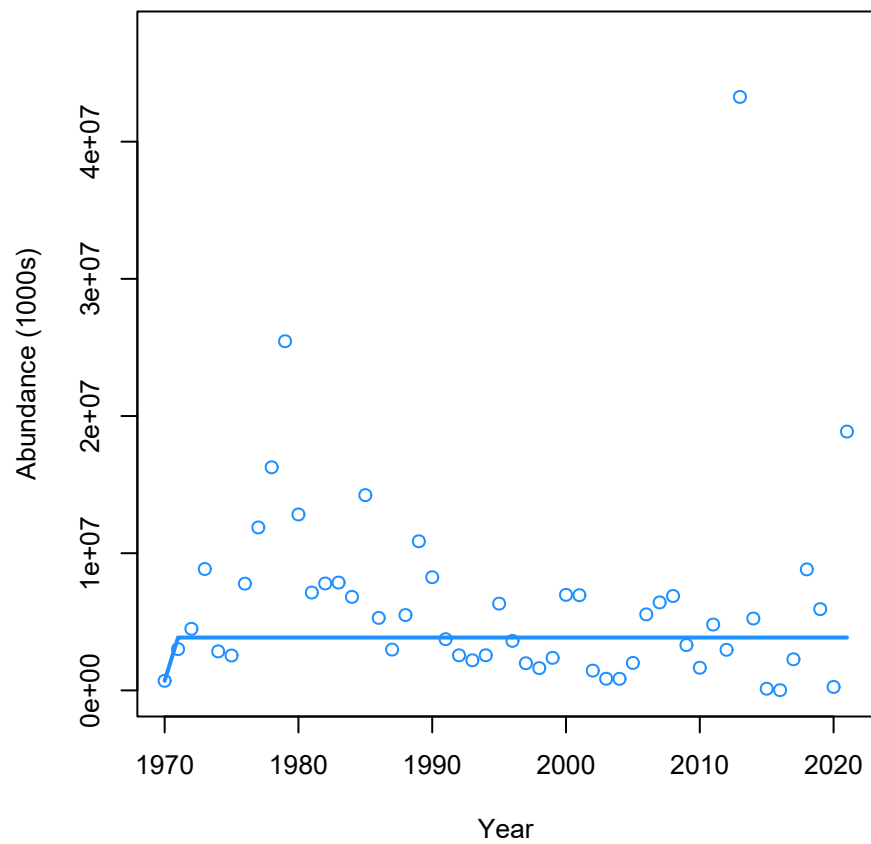
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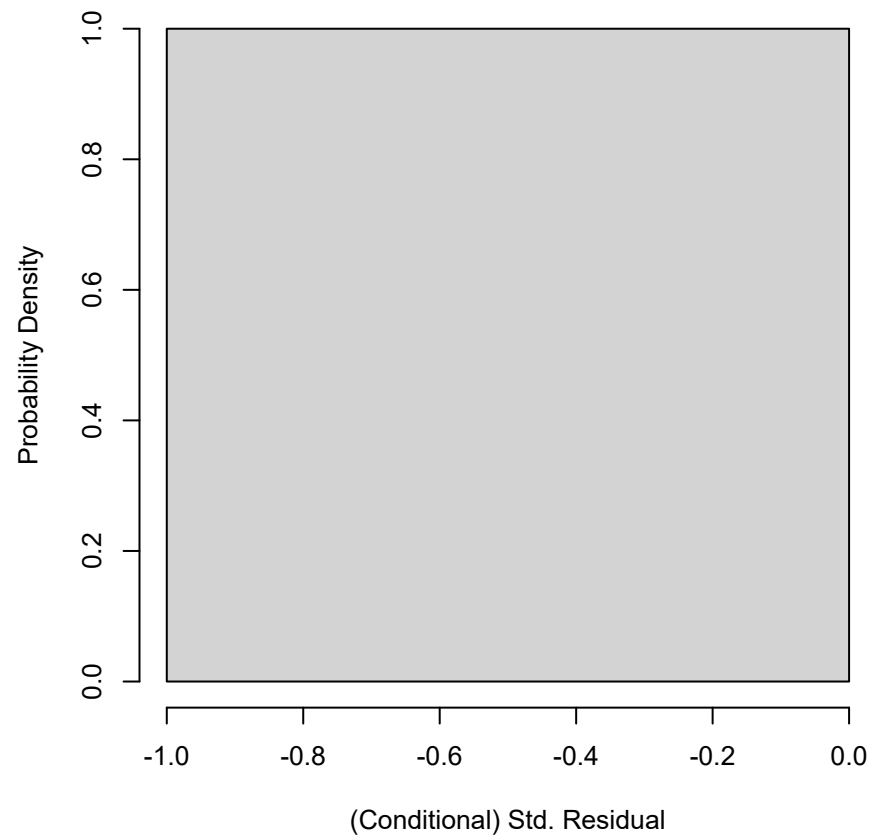
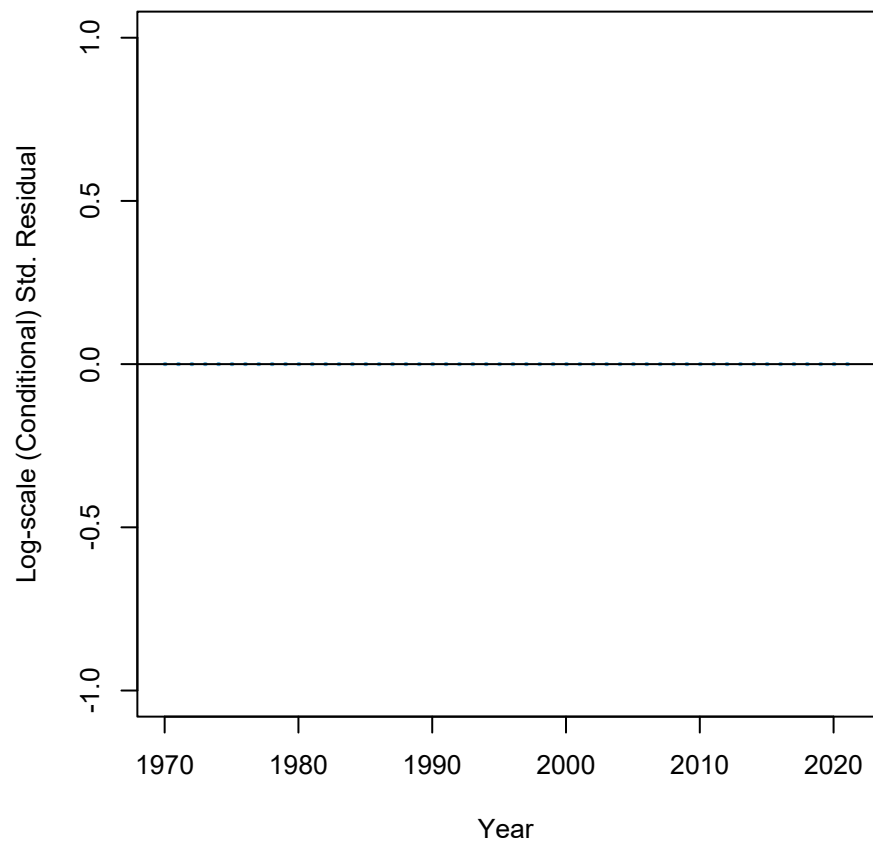
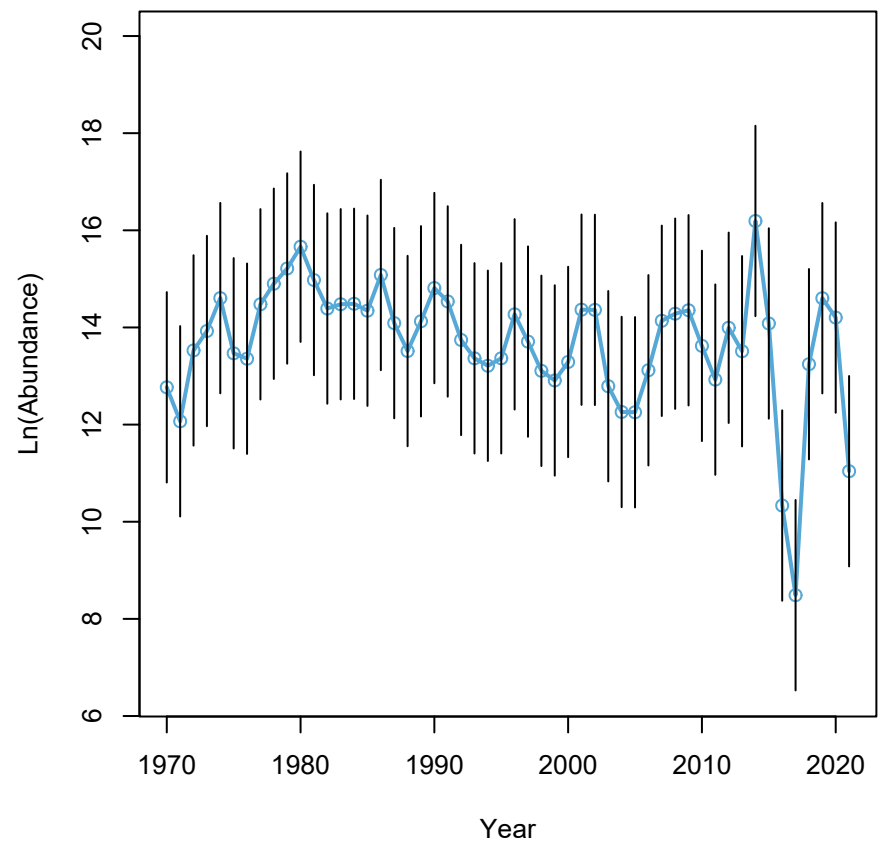
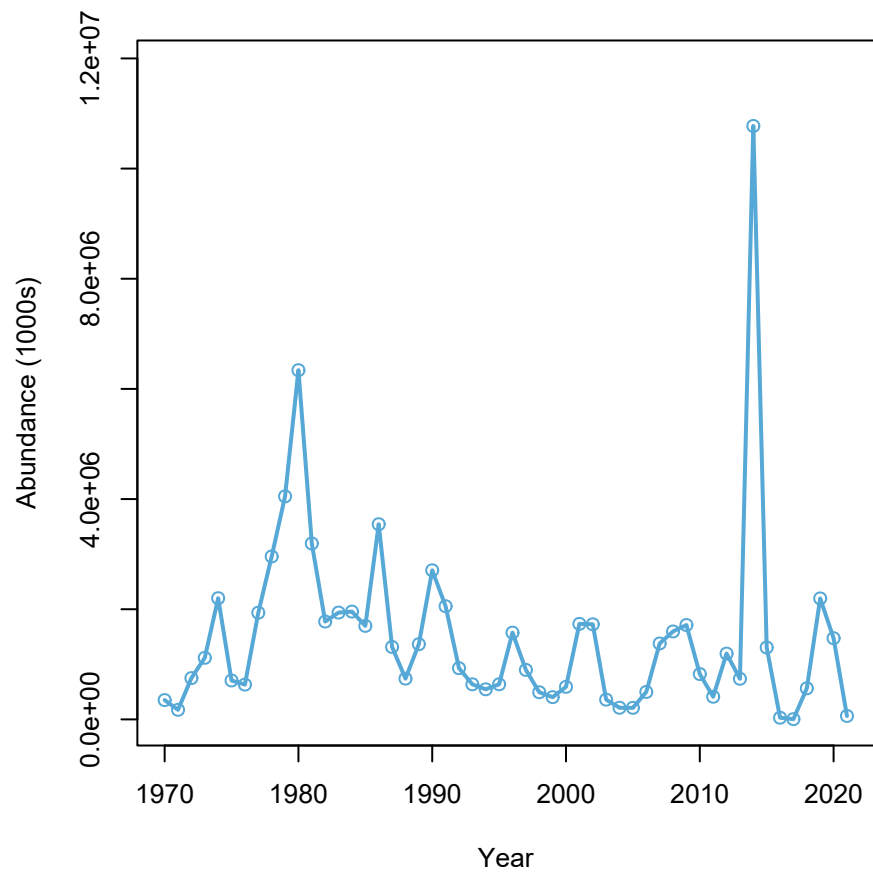
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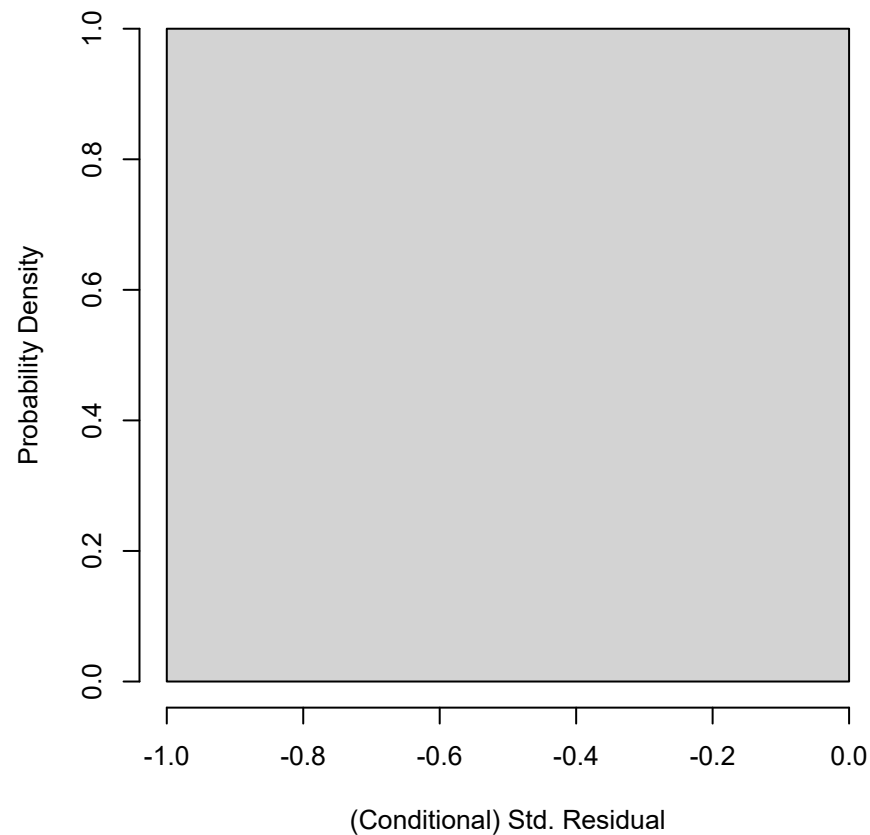
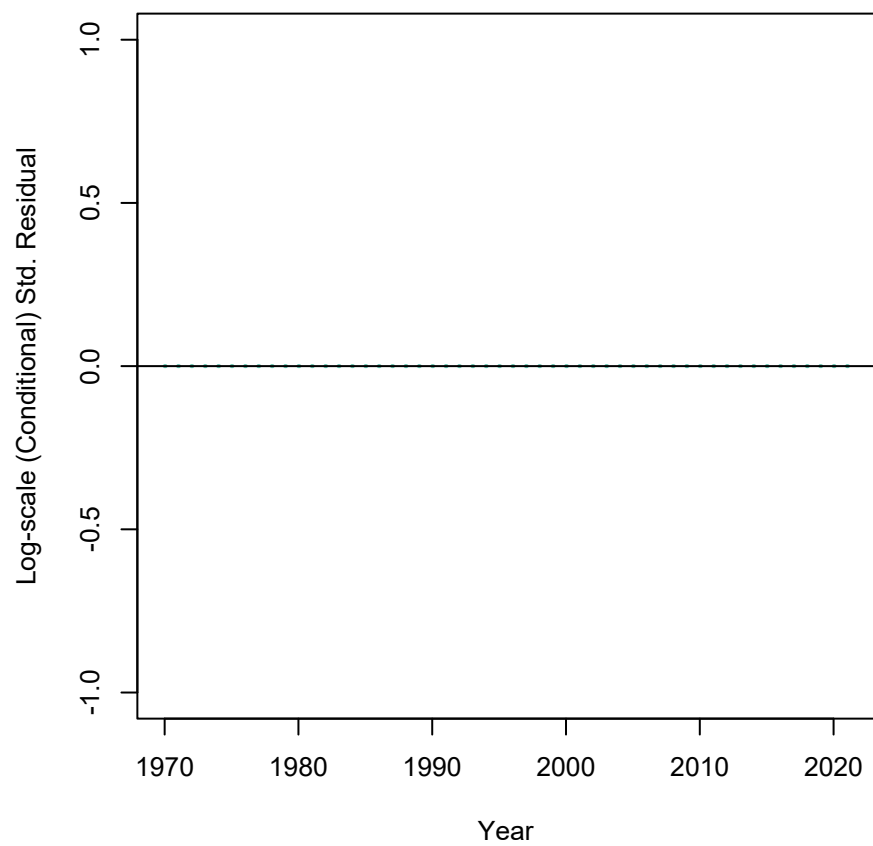
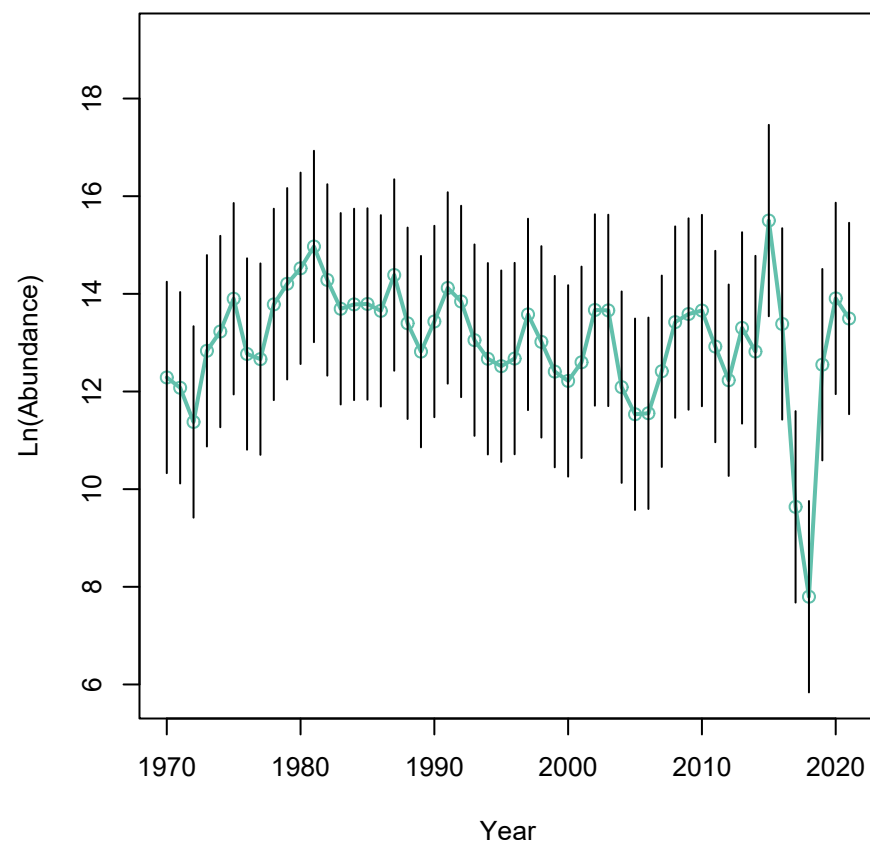
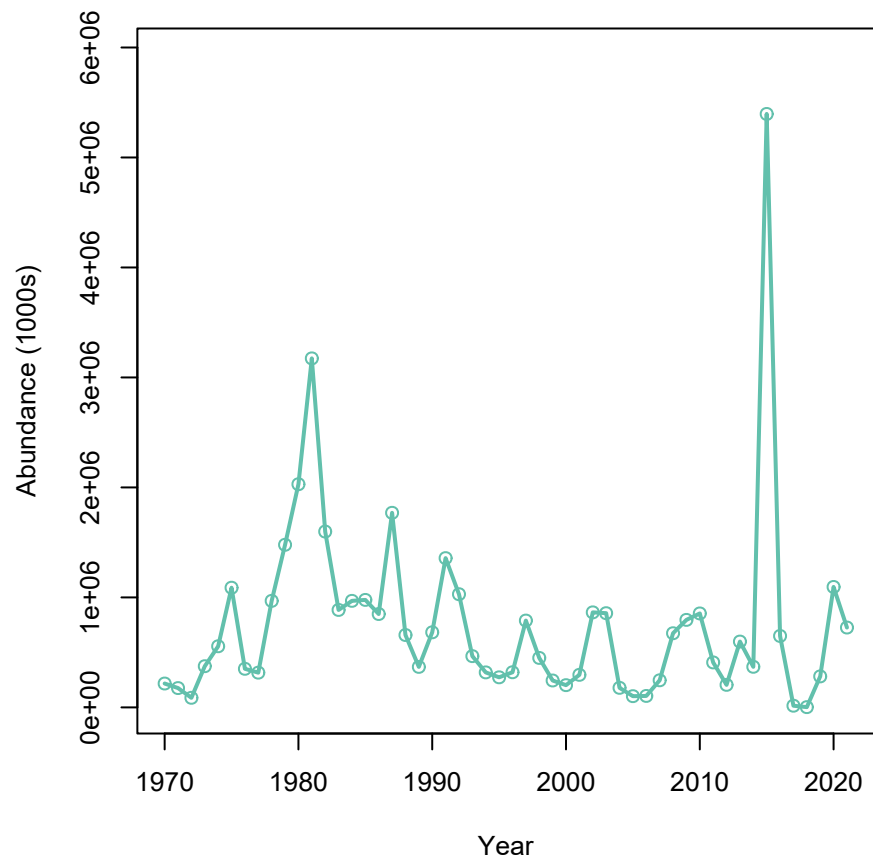
Conditional Expected and Posterior Estimates of Age 1 Abundance



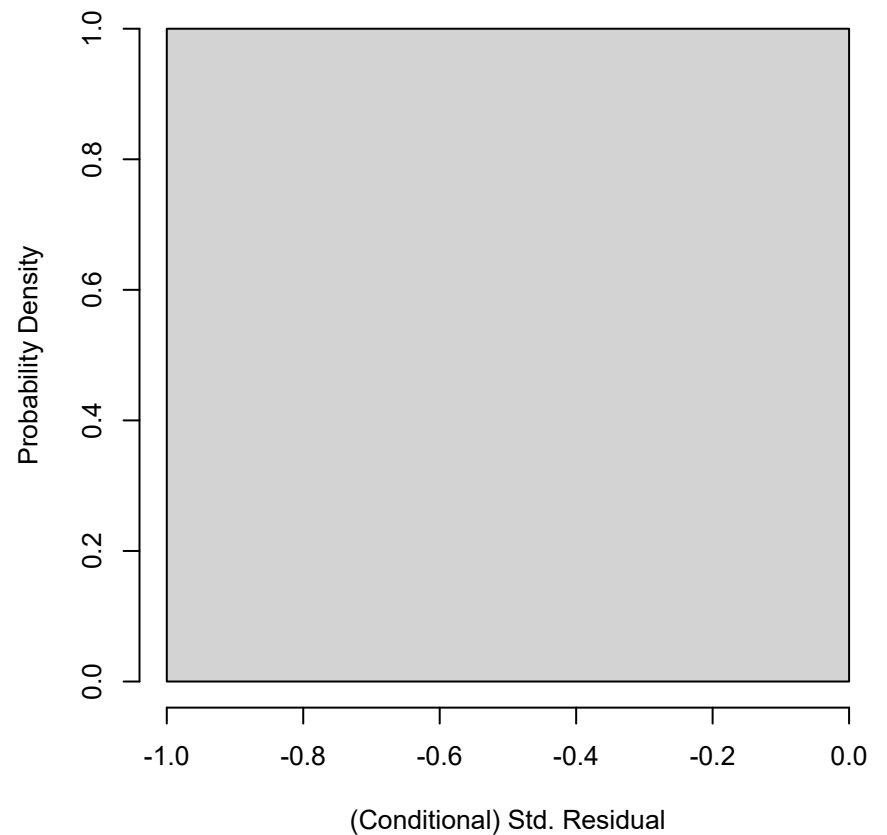
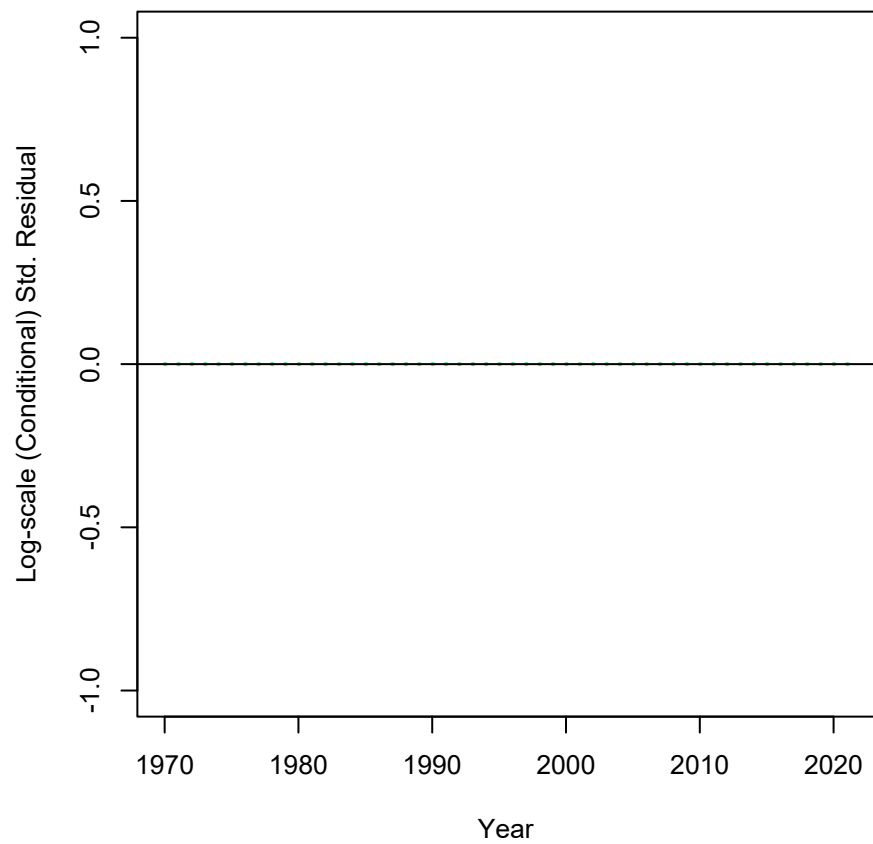
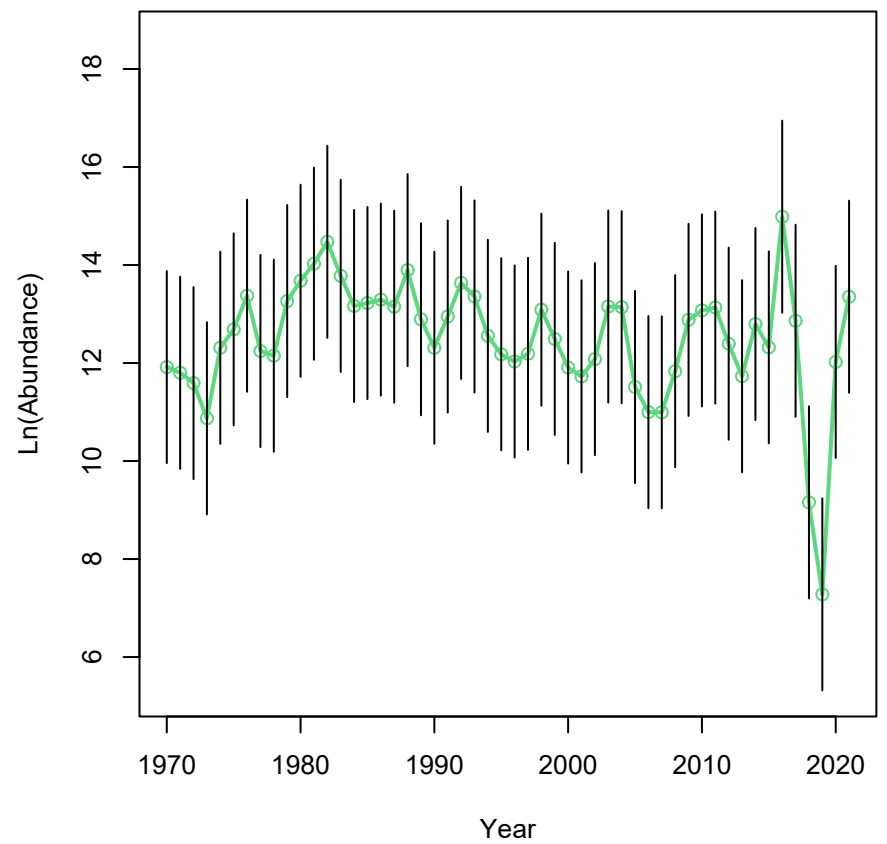
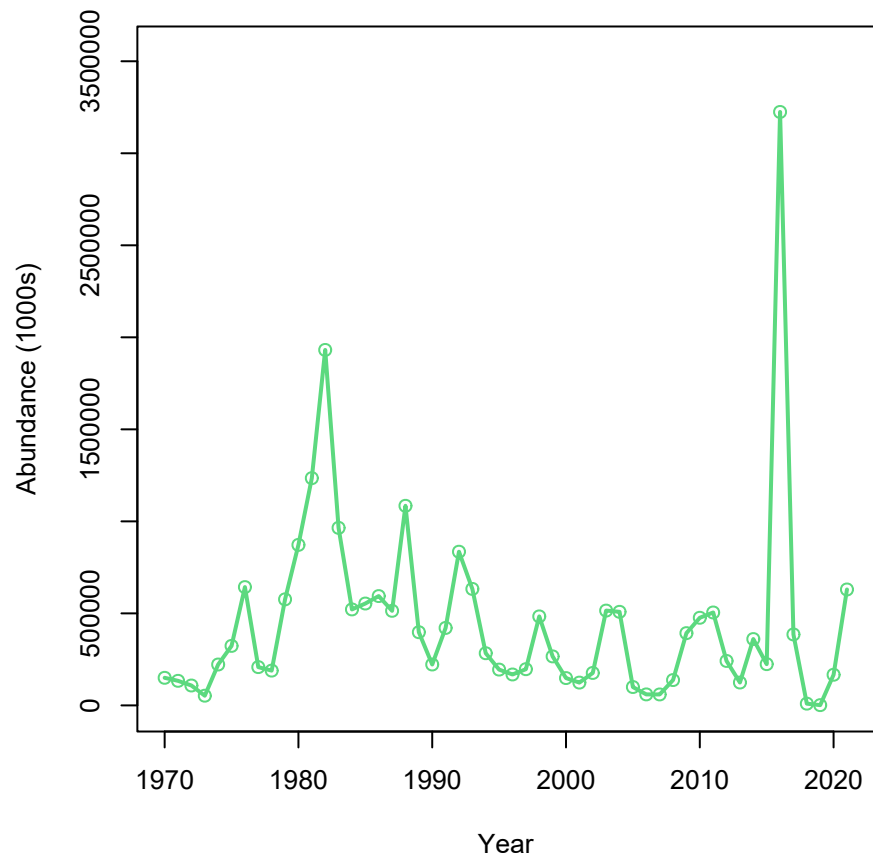
Conditional Expected and Posterior Estimates of Age 2 Abundance



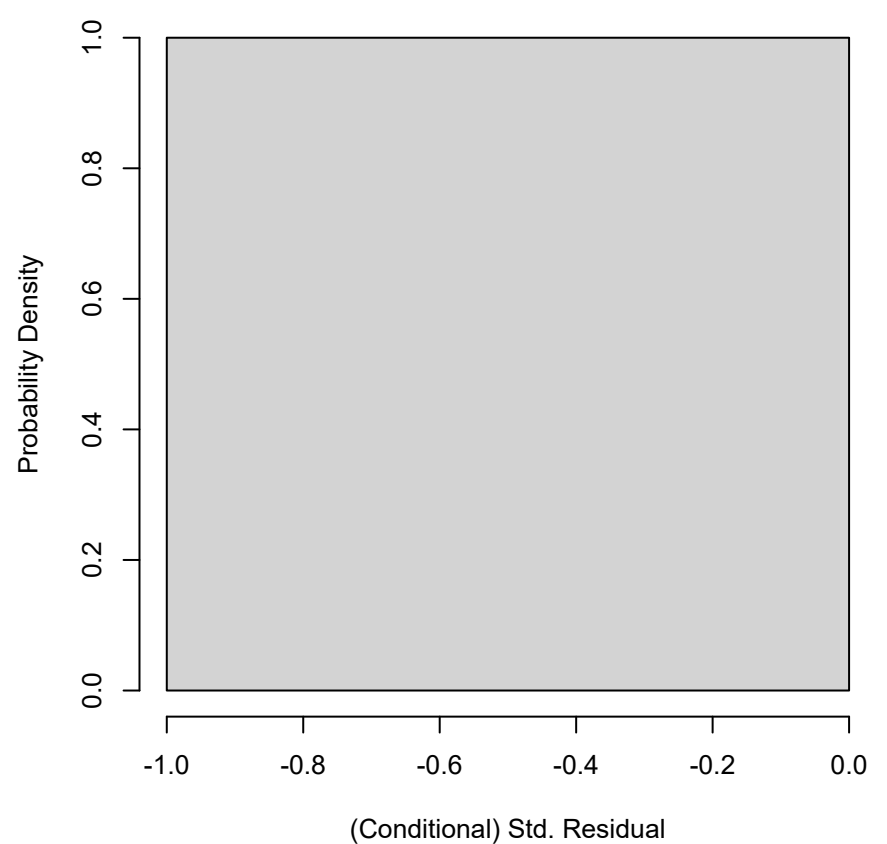
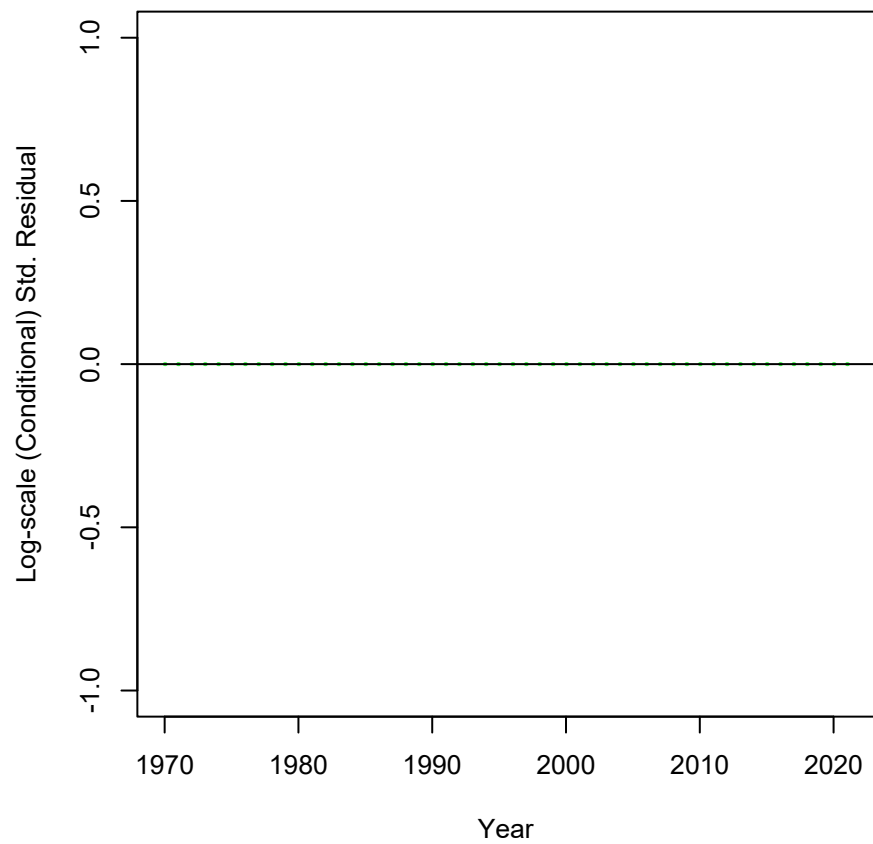
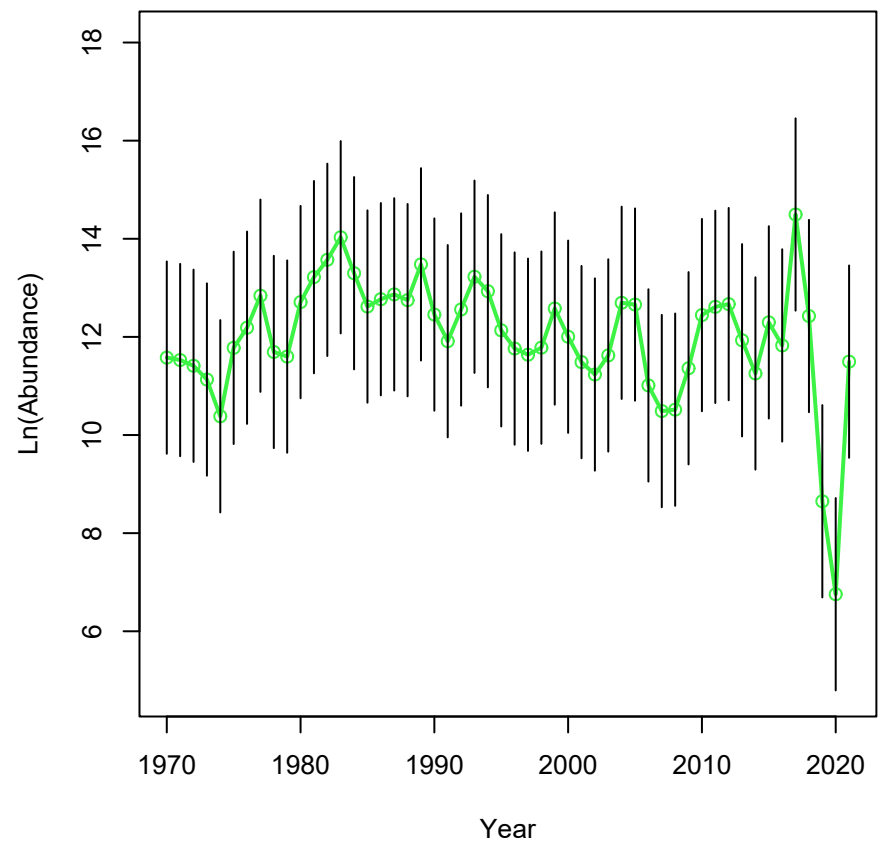
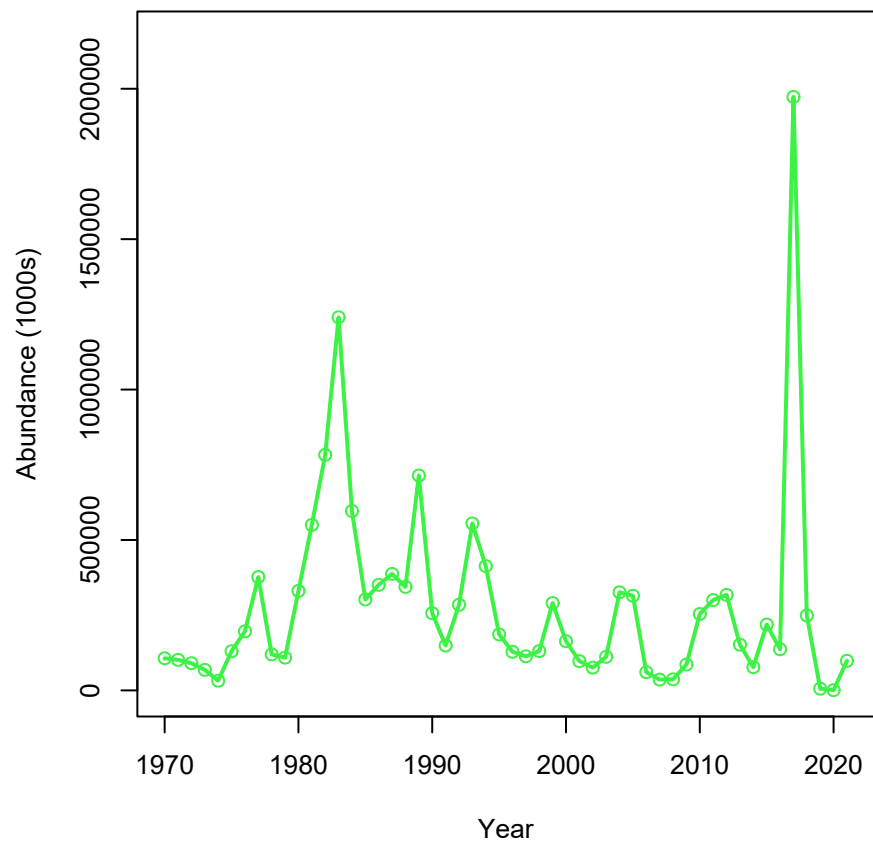
Conditional Expected and Posterior Estimates of Age 3 Abundance



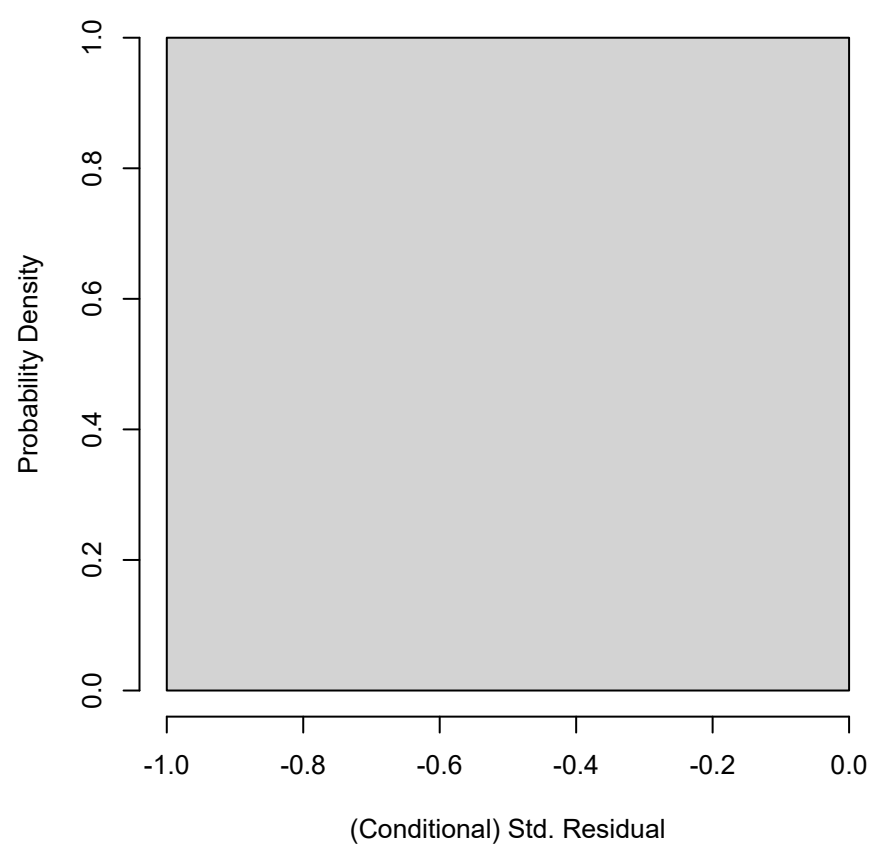
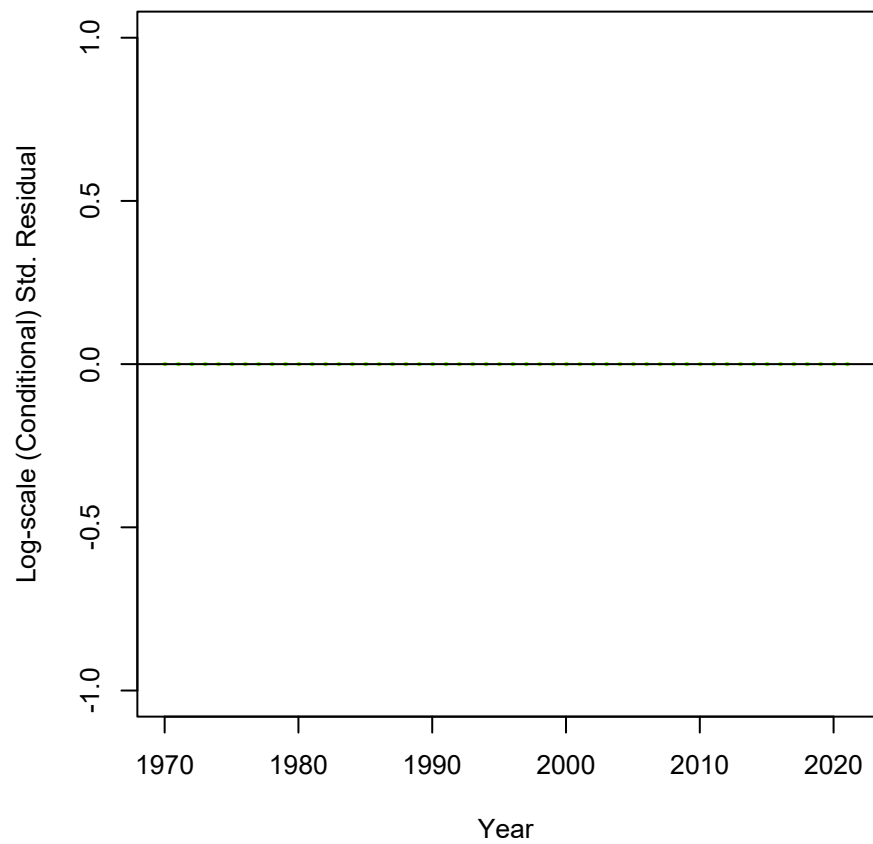
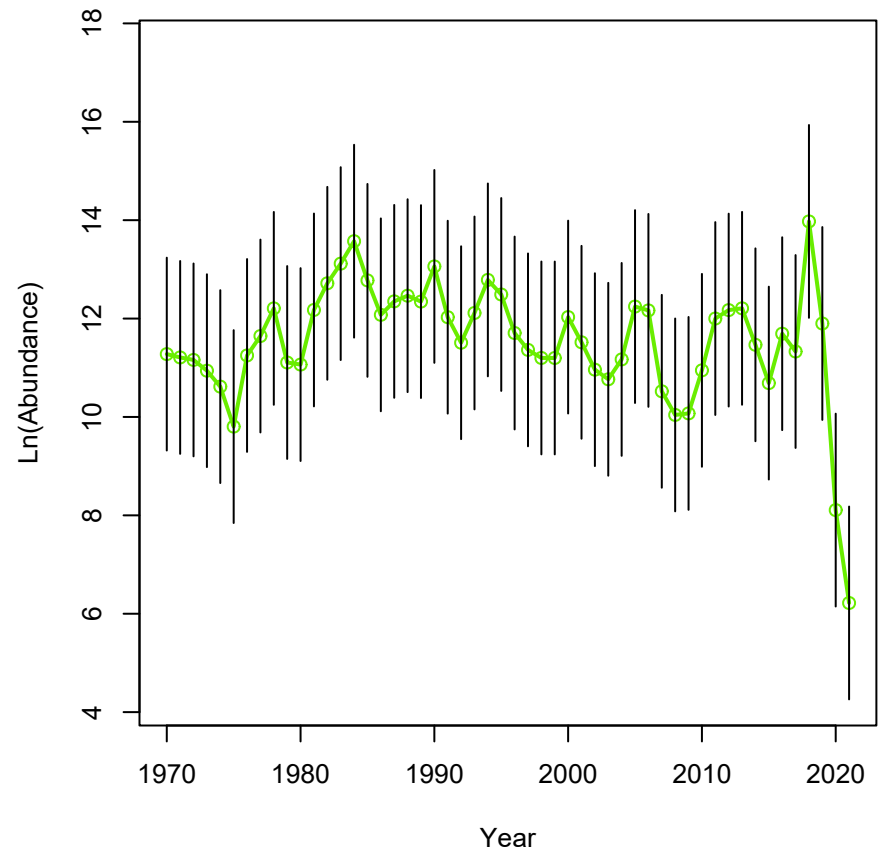
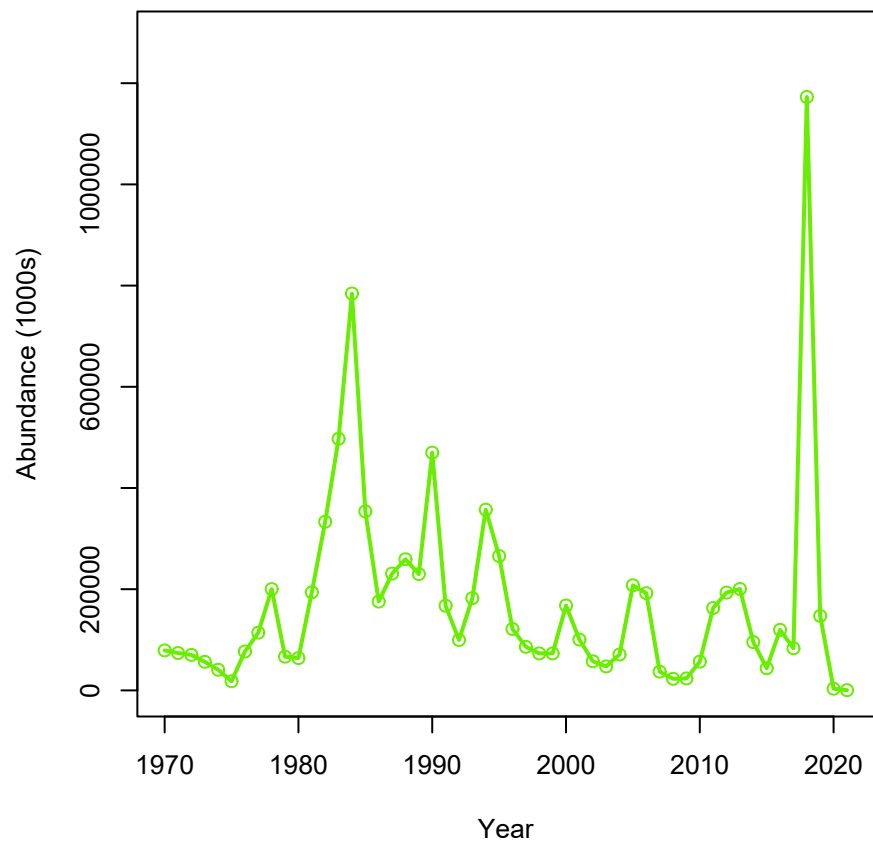
Conditional Expected and Posterior Estimates of Age 4 Abundance



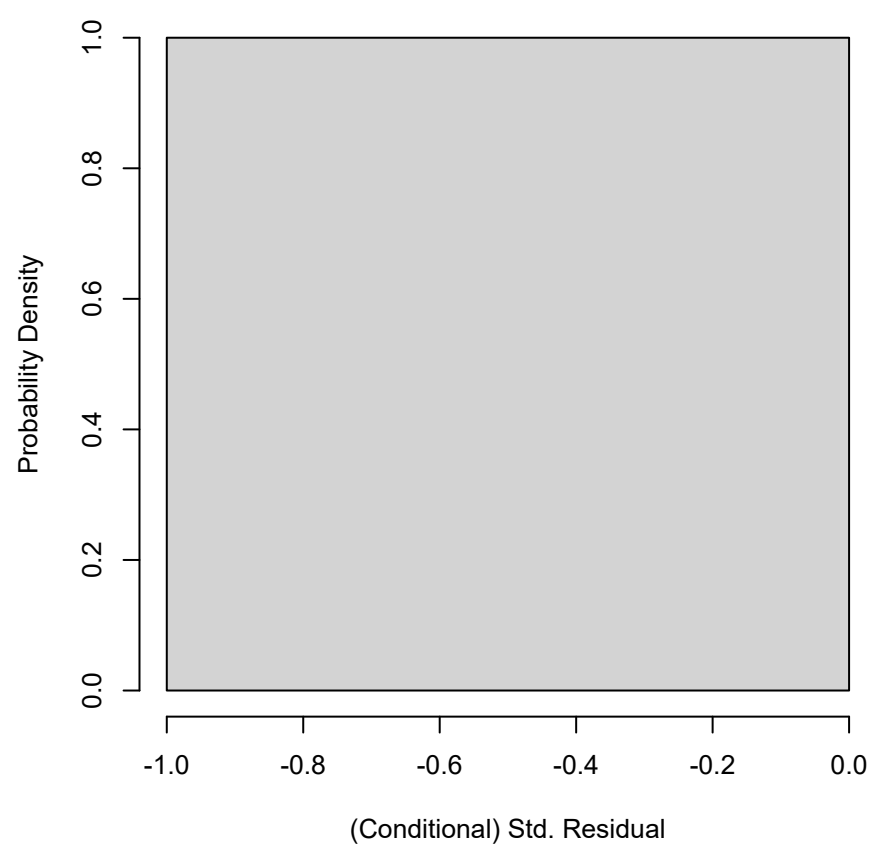
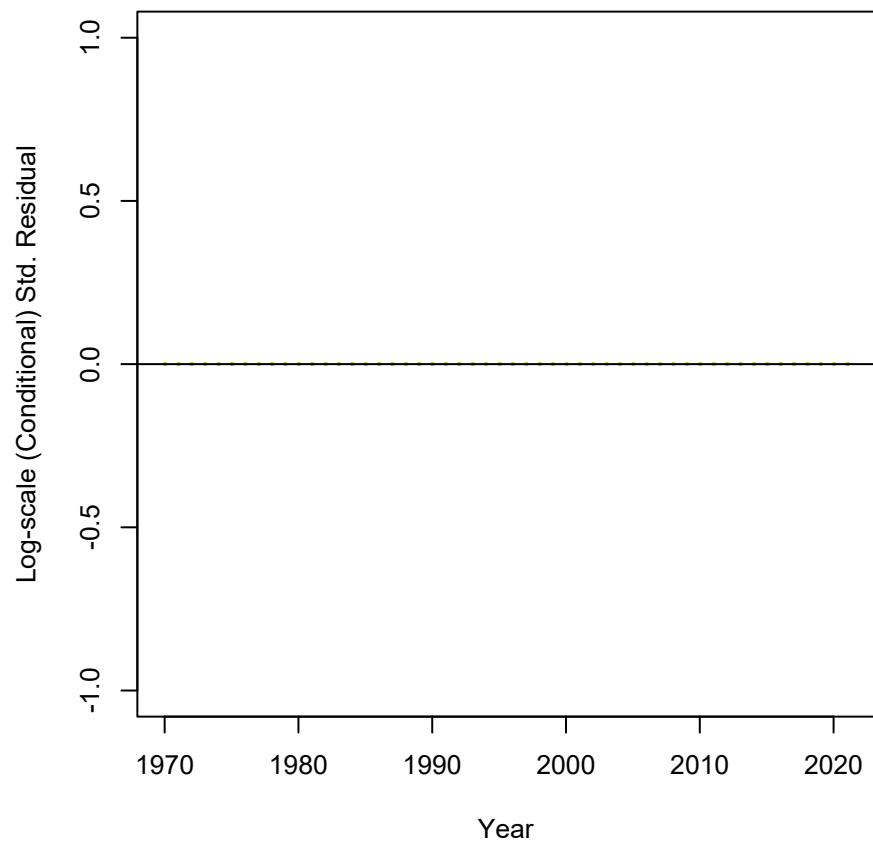
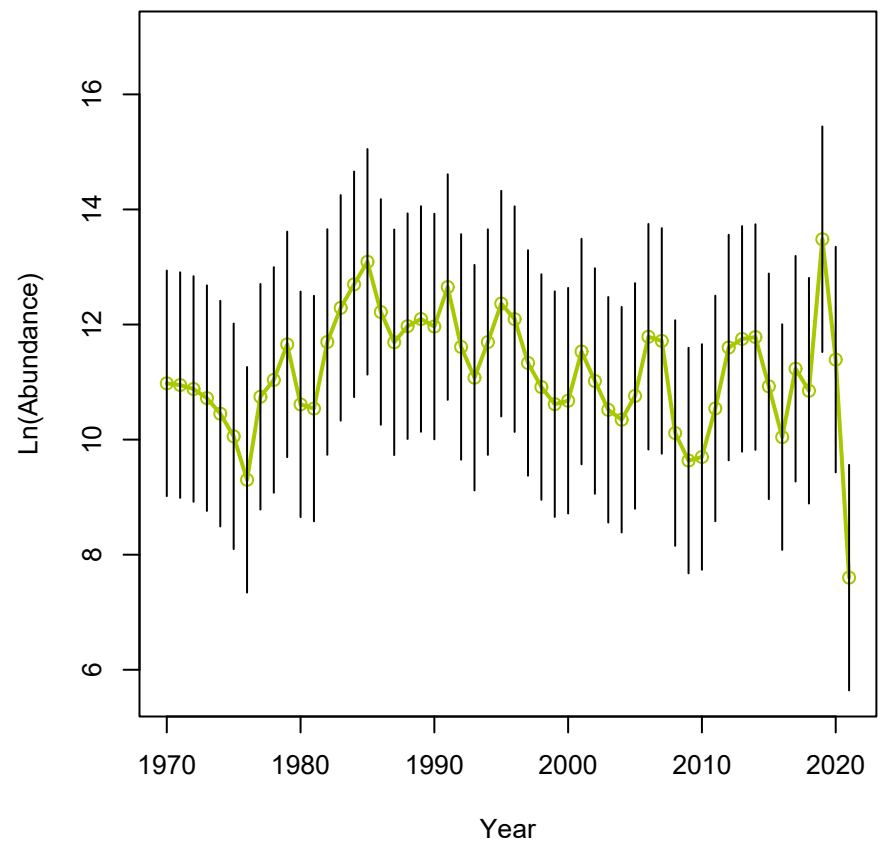
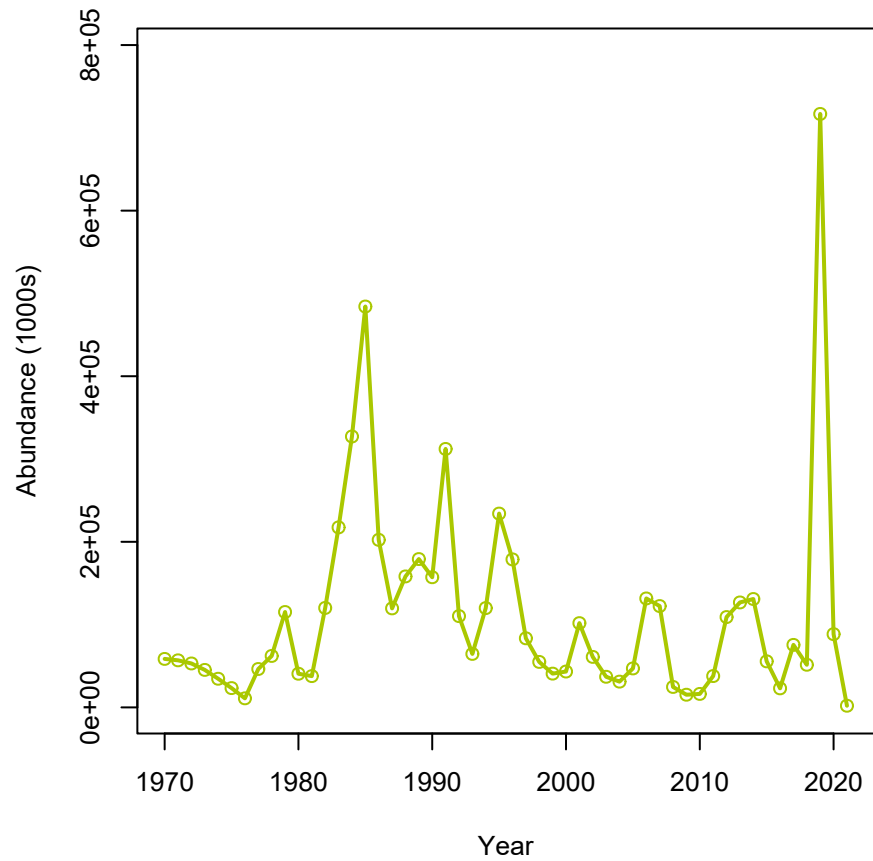
Conditional Expected and Posterior Estimates of Age 5 Abundance



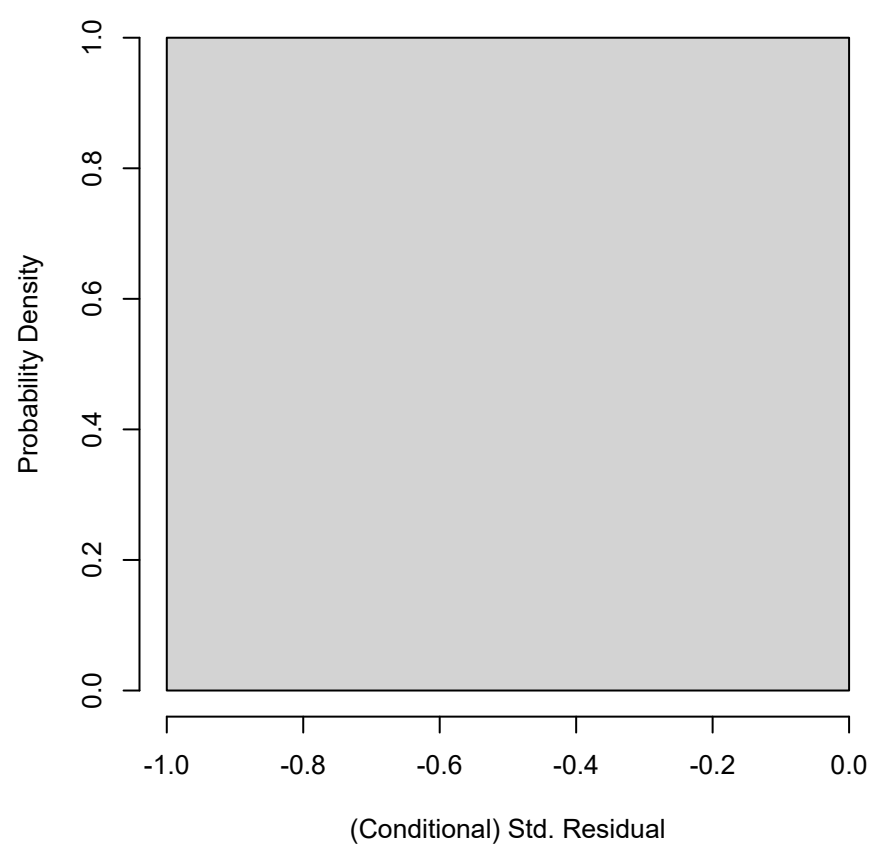
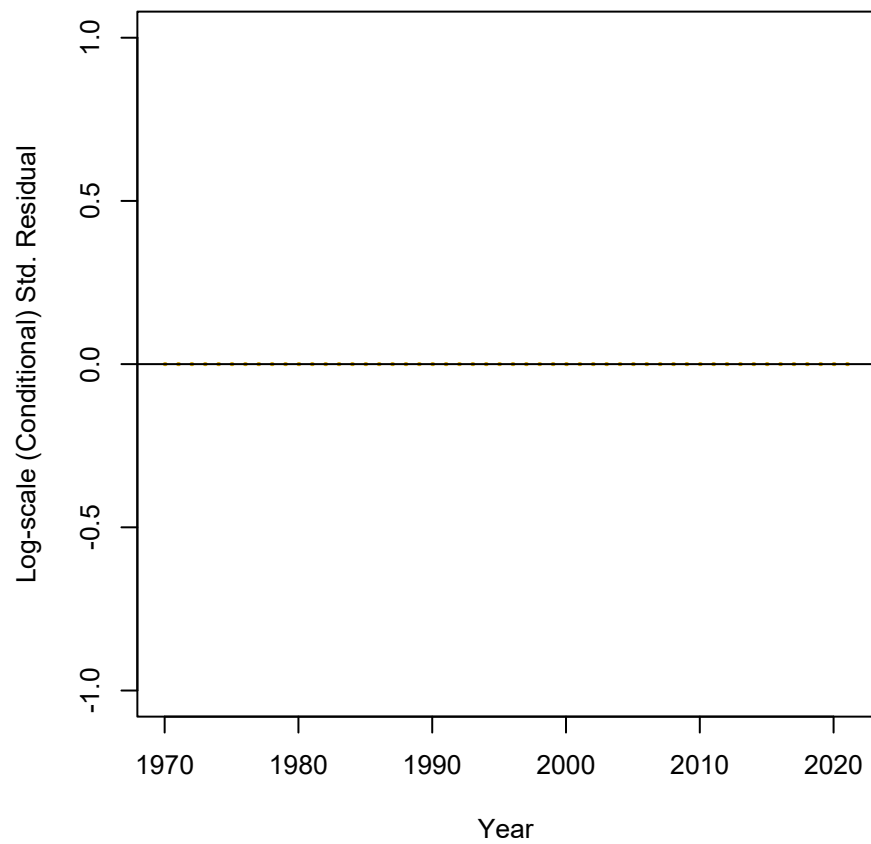
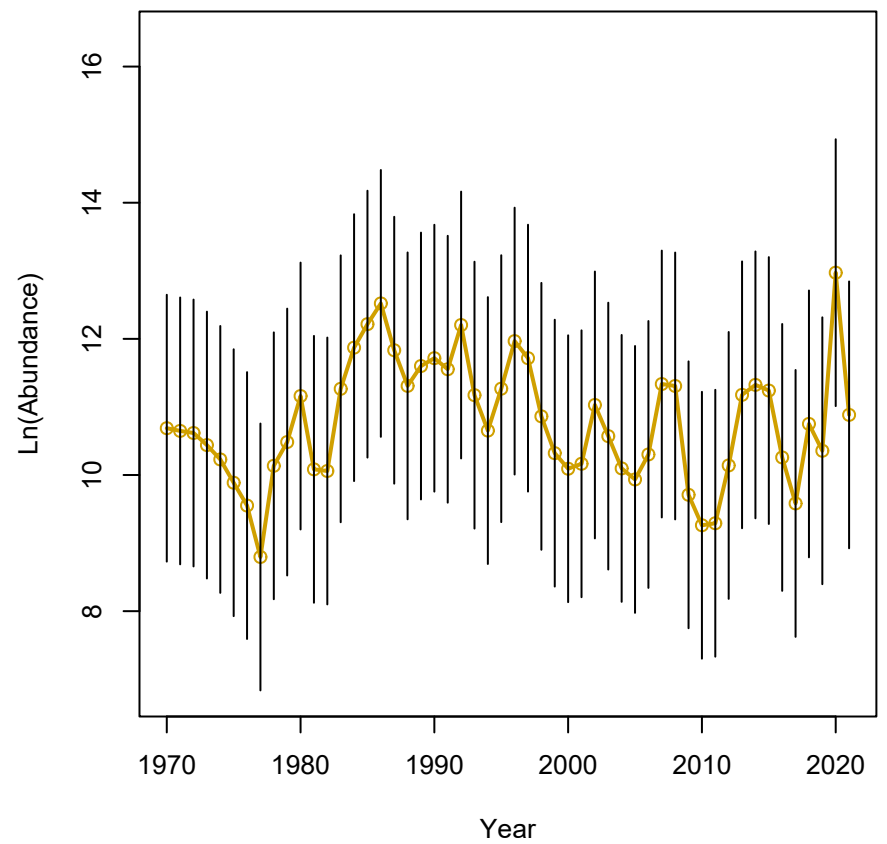
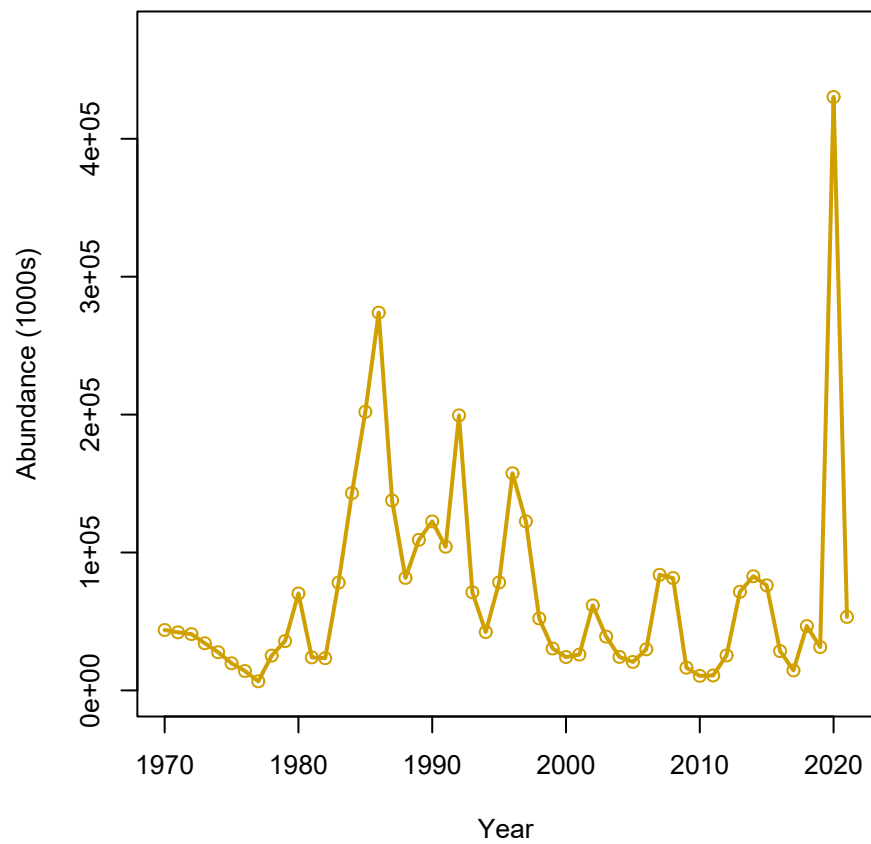
Conditional Expected and Posterior Estimates of Age 6 Abundance



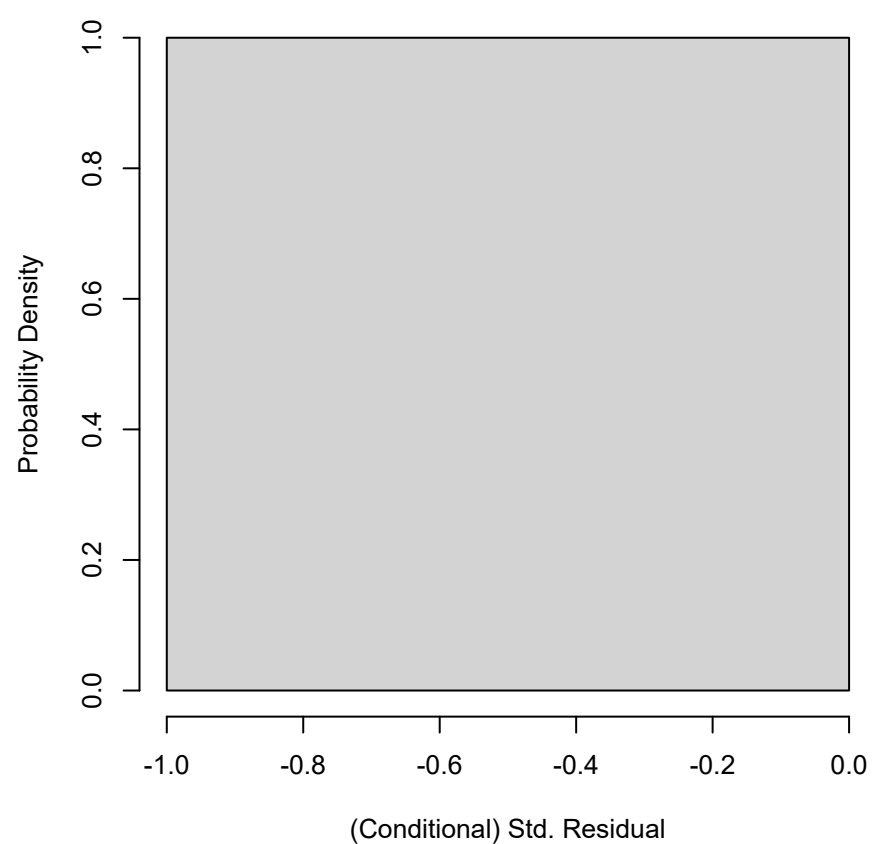
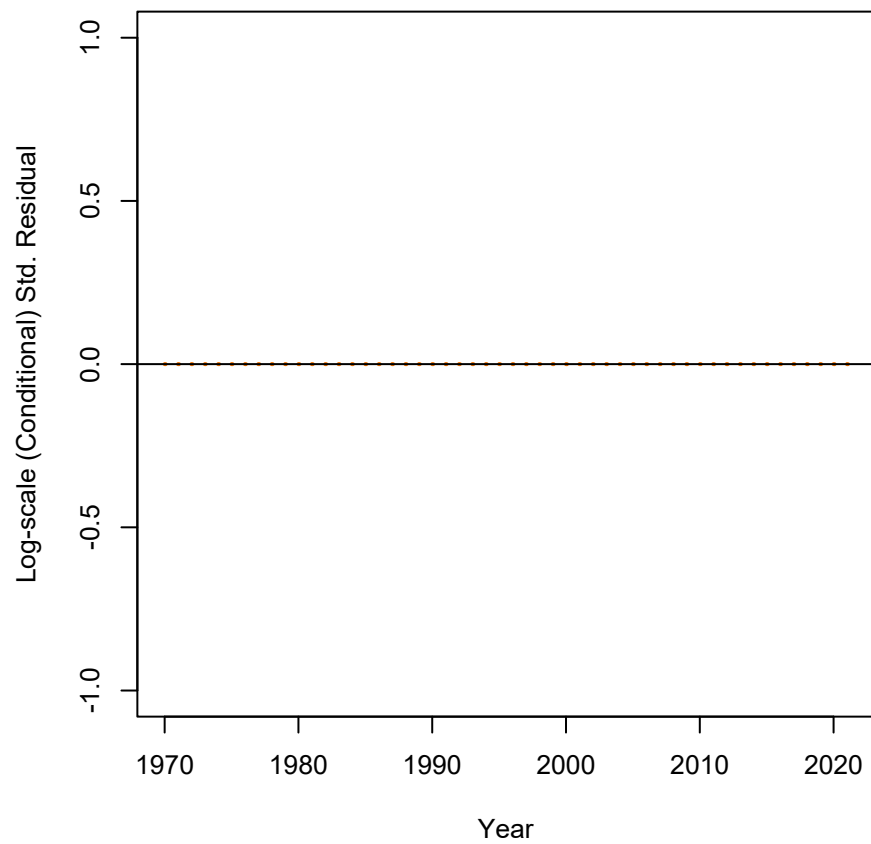
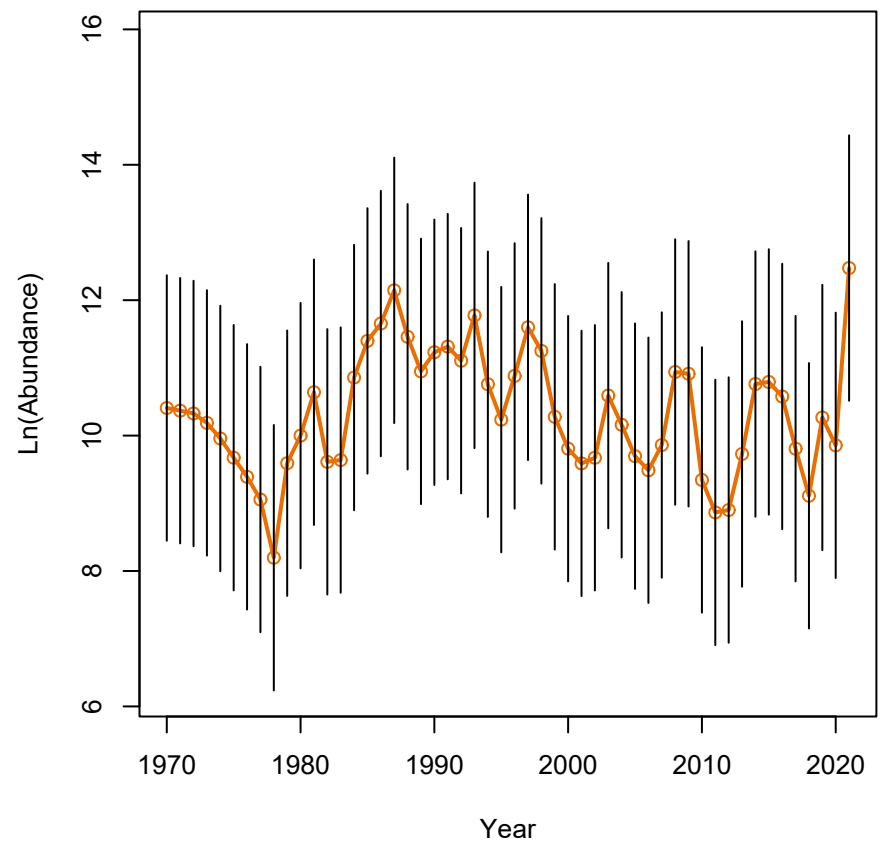
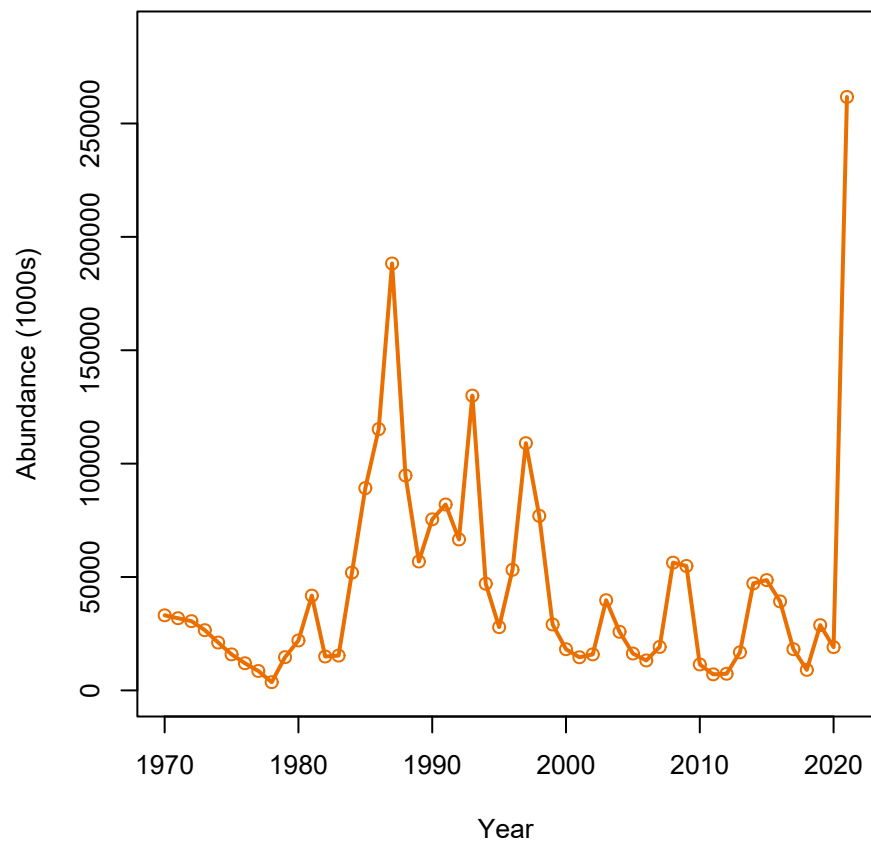
Conditional Expected and Posterior Estimates of Age 7 Abundance



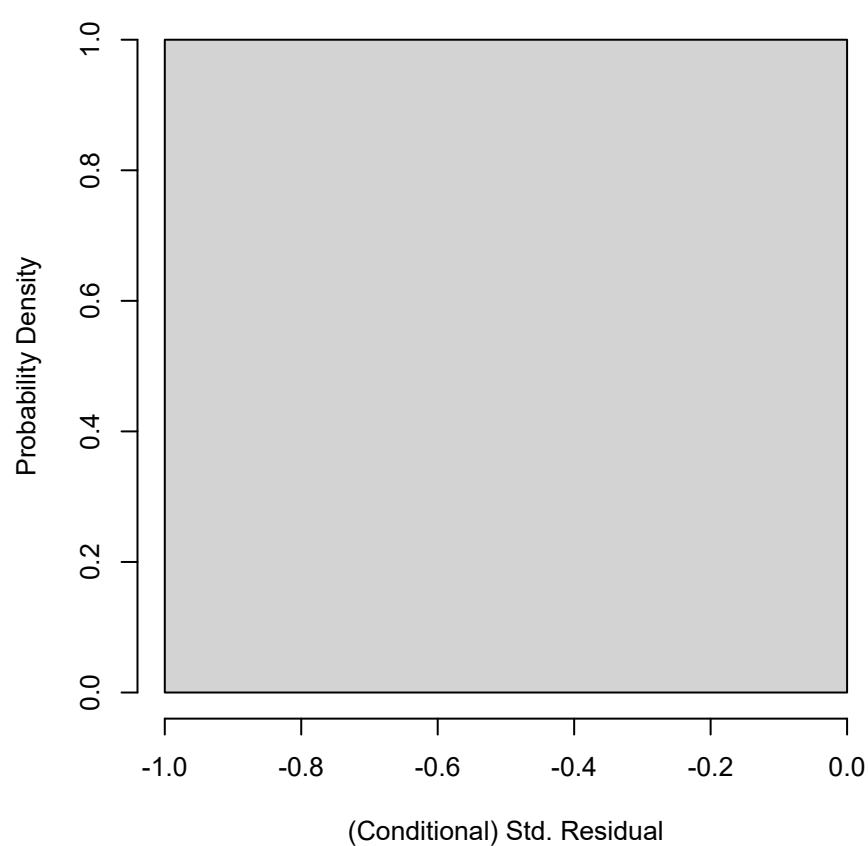
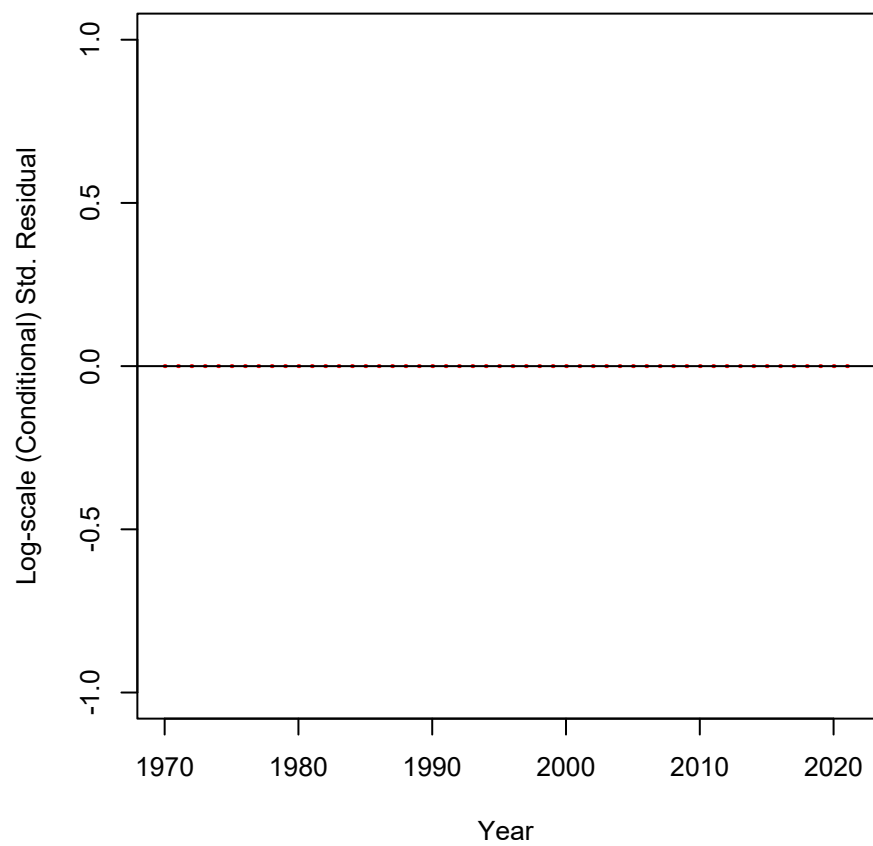
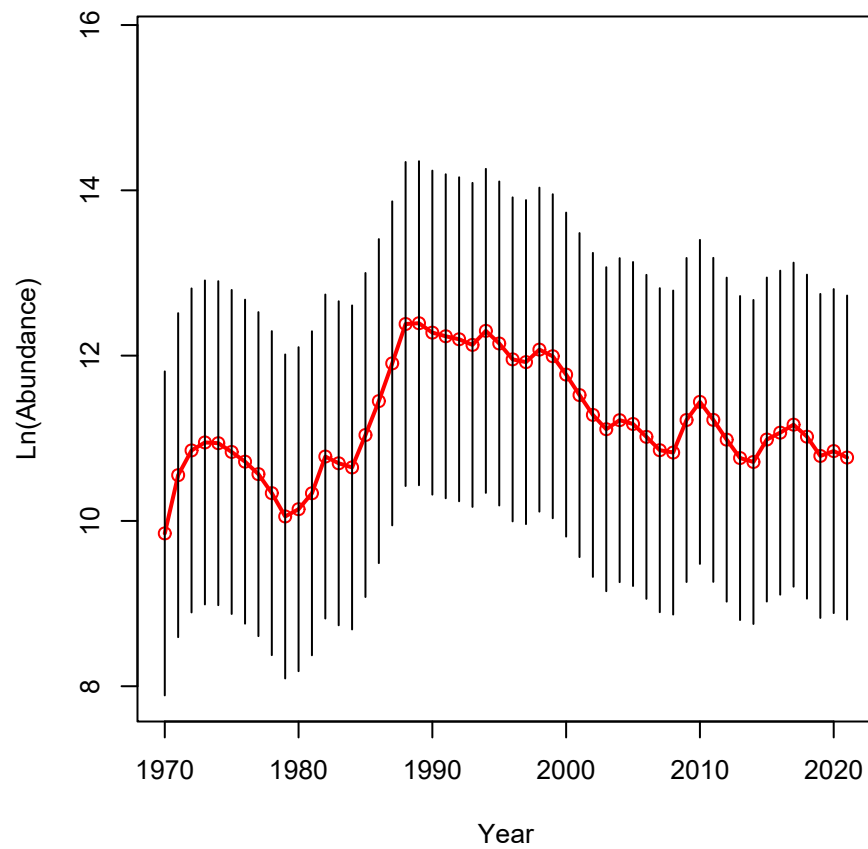
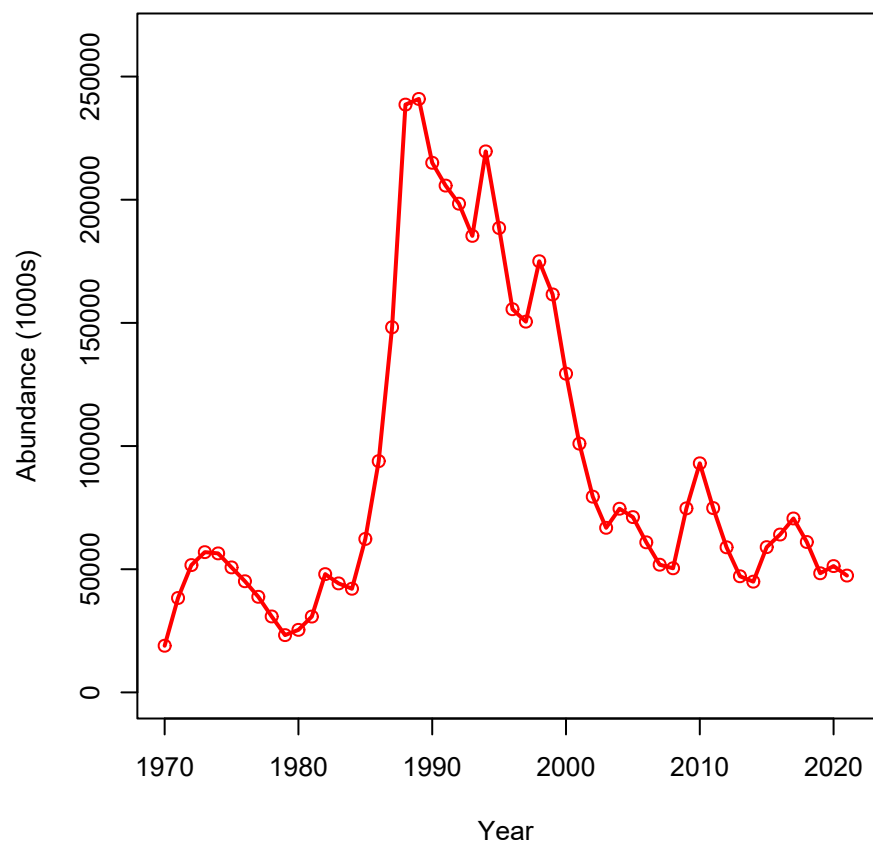
Conditional Expected and Posterior Estimates of Age 8 Abundance



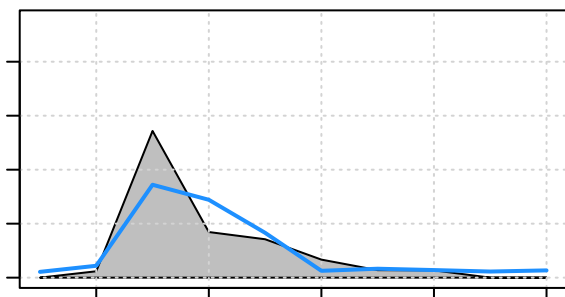
Conditional Expected and Posterior Estimates of Age 9 Abundance



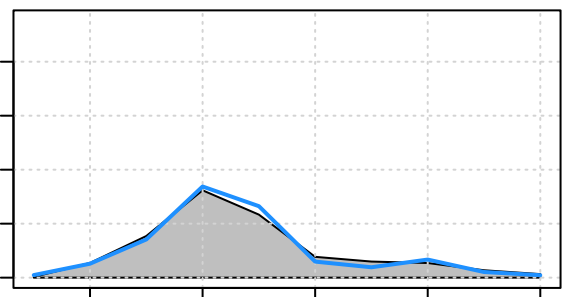
Conditional Expected and Posterior Estimates of Age 10 Abundance



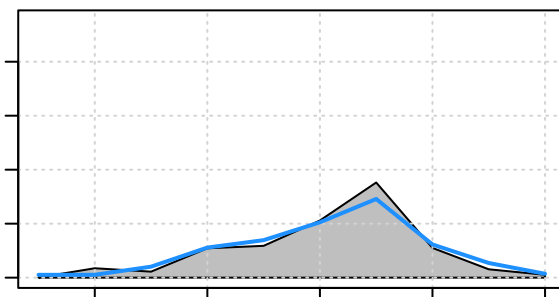
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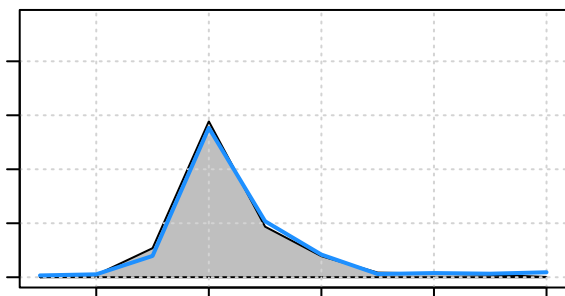
Fleet 1
Year = 1980



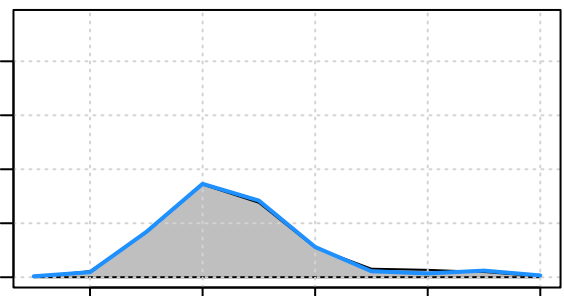
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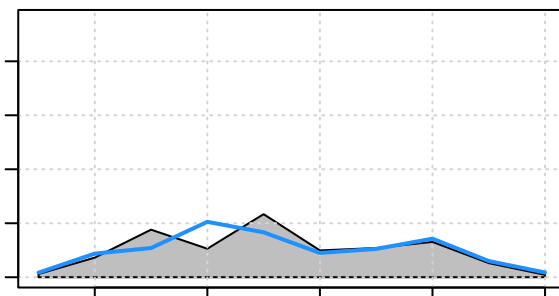
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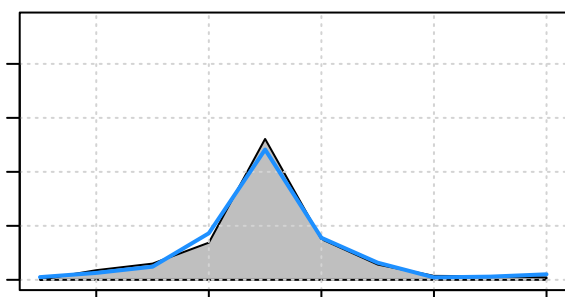
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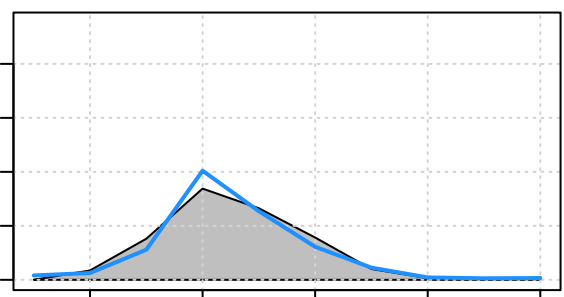
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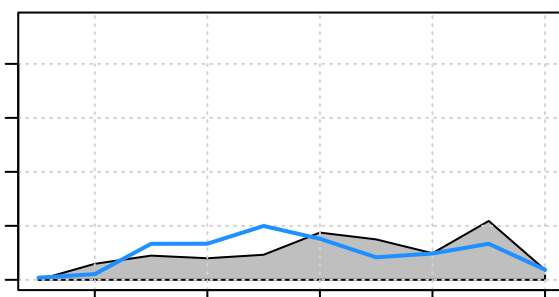
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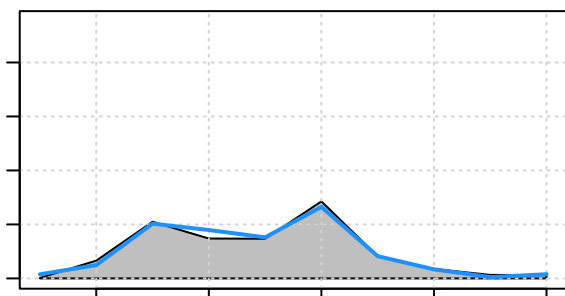
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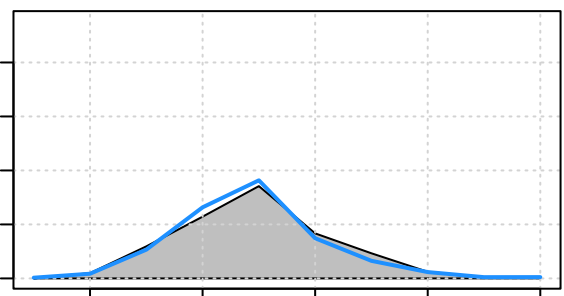
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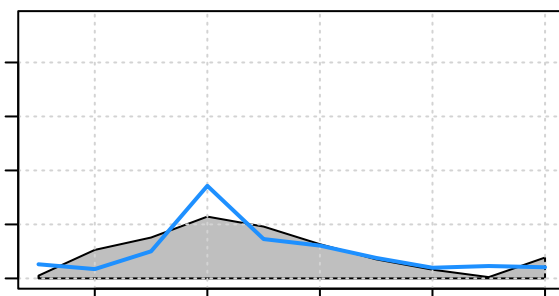
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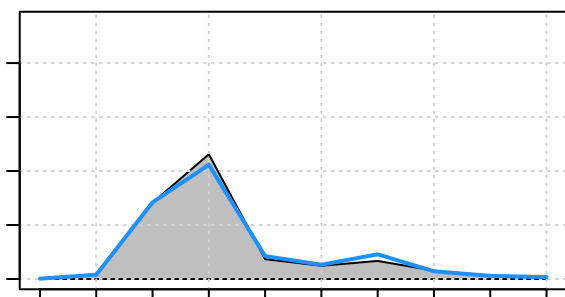
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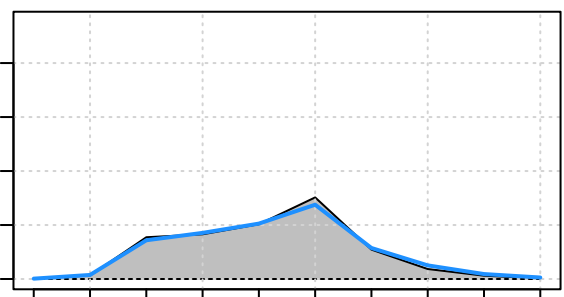
Year = 1988



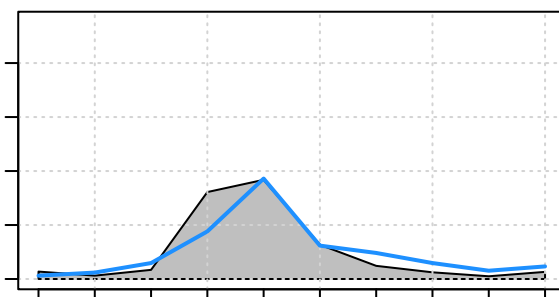
Year = 1979



Year = 1984



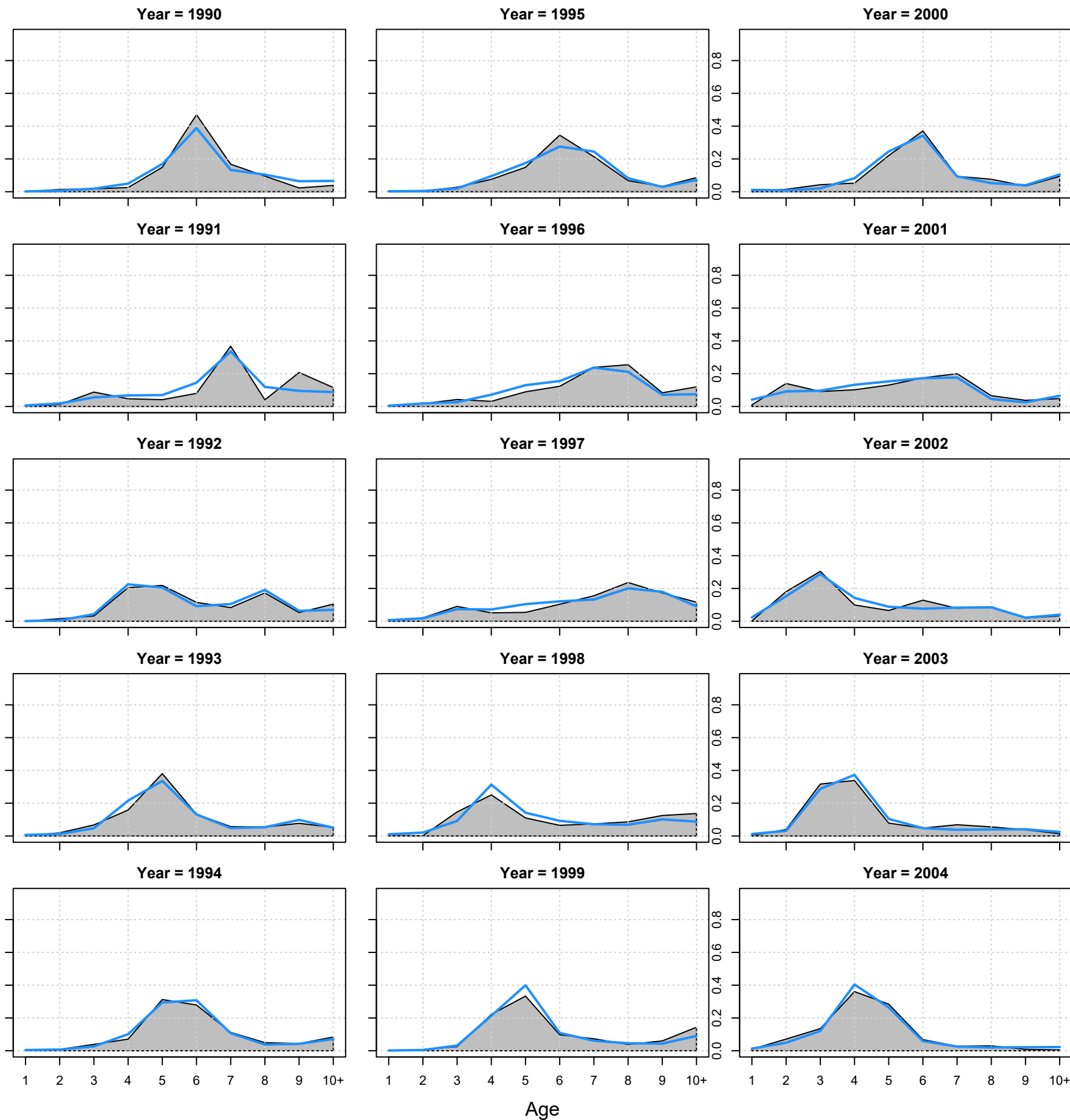
Year = 1989



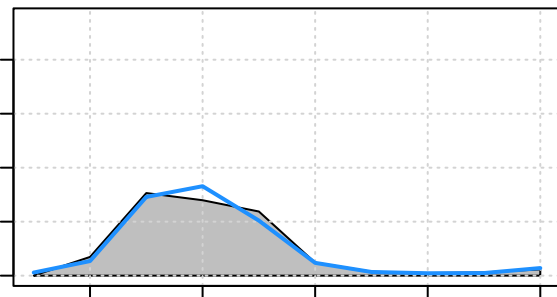
Proportion

Age

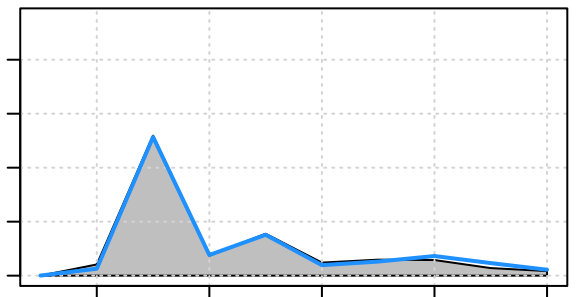
Fleet 1
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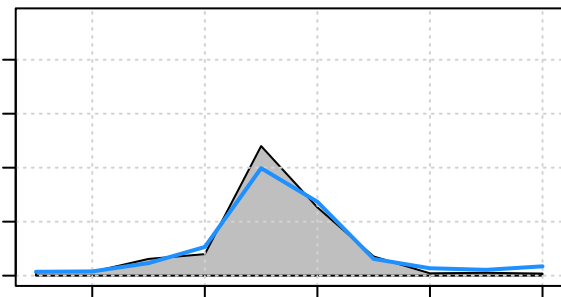
Fleet 1
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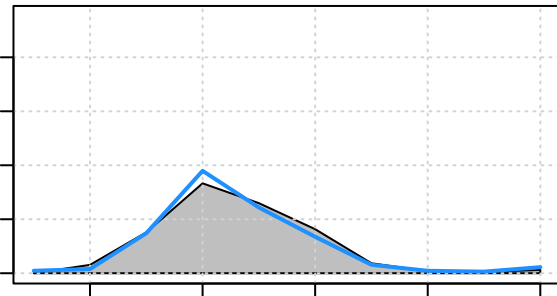
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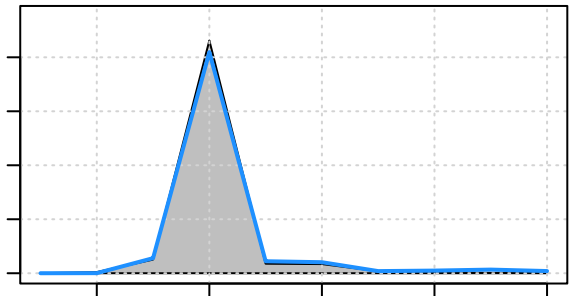
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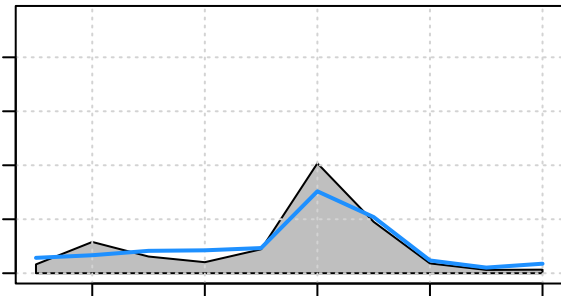
Year = 2011



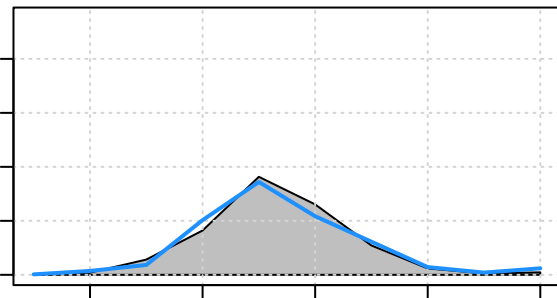
Year = 2016



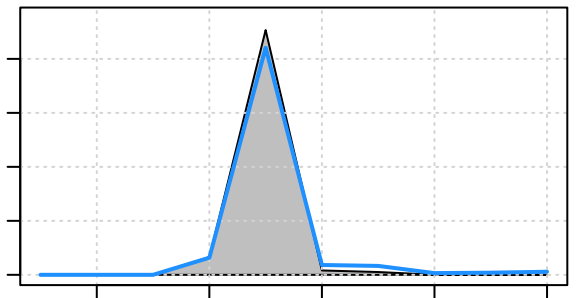
Year = 2006



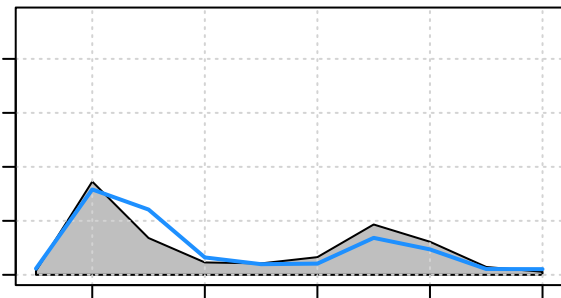
Year = 2012



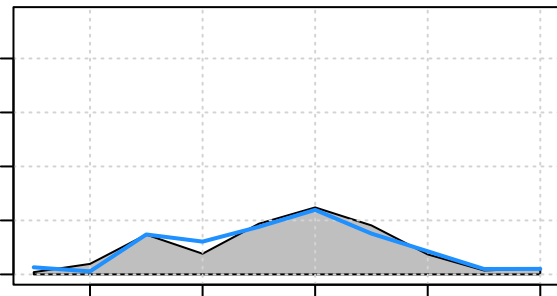
Year = 2017



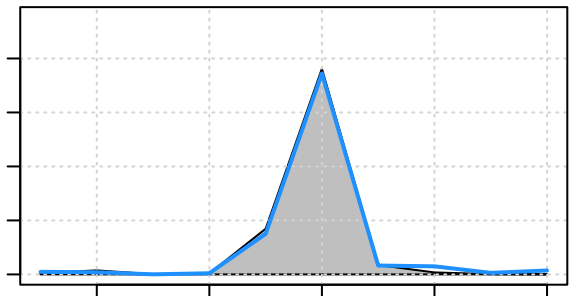
Year = 2007



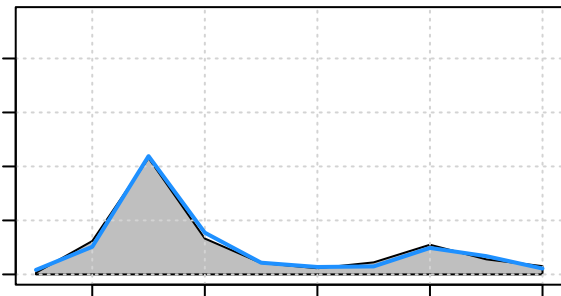
Year = 2013



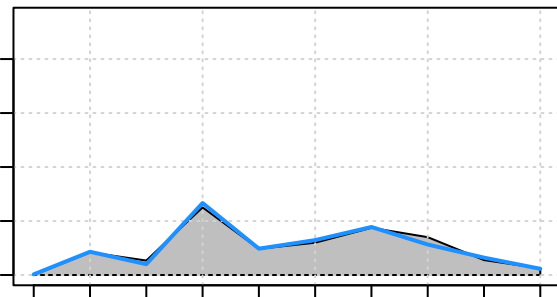
Year = 2018



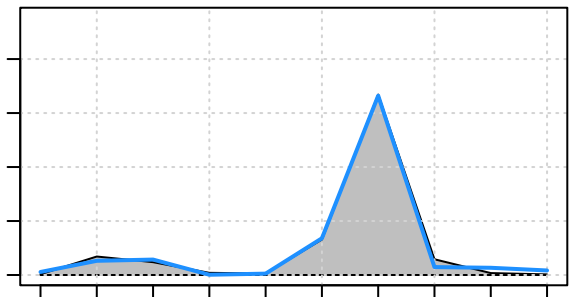
Year = 2008



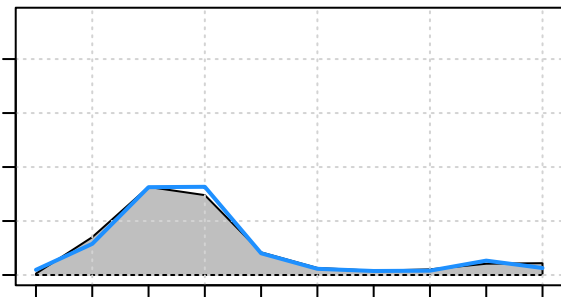
Year = 2014



Year = 2019



Year = 2009



Proportion

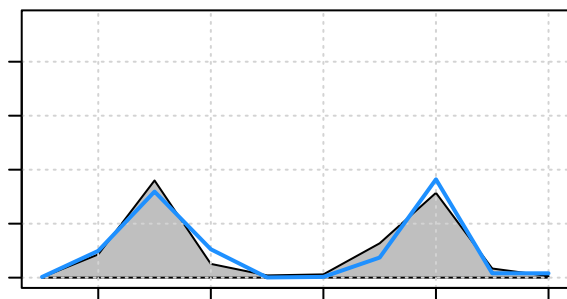
1 2 3 4 5 6 7 8 9 10+

1 2 3 4 5 6 7 8 9 10+

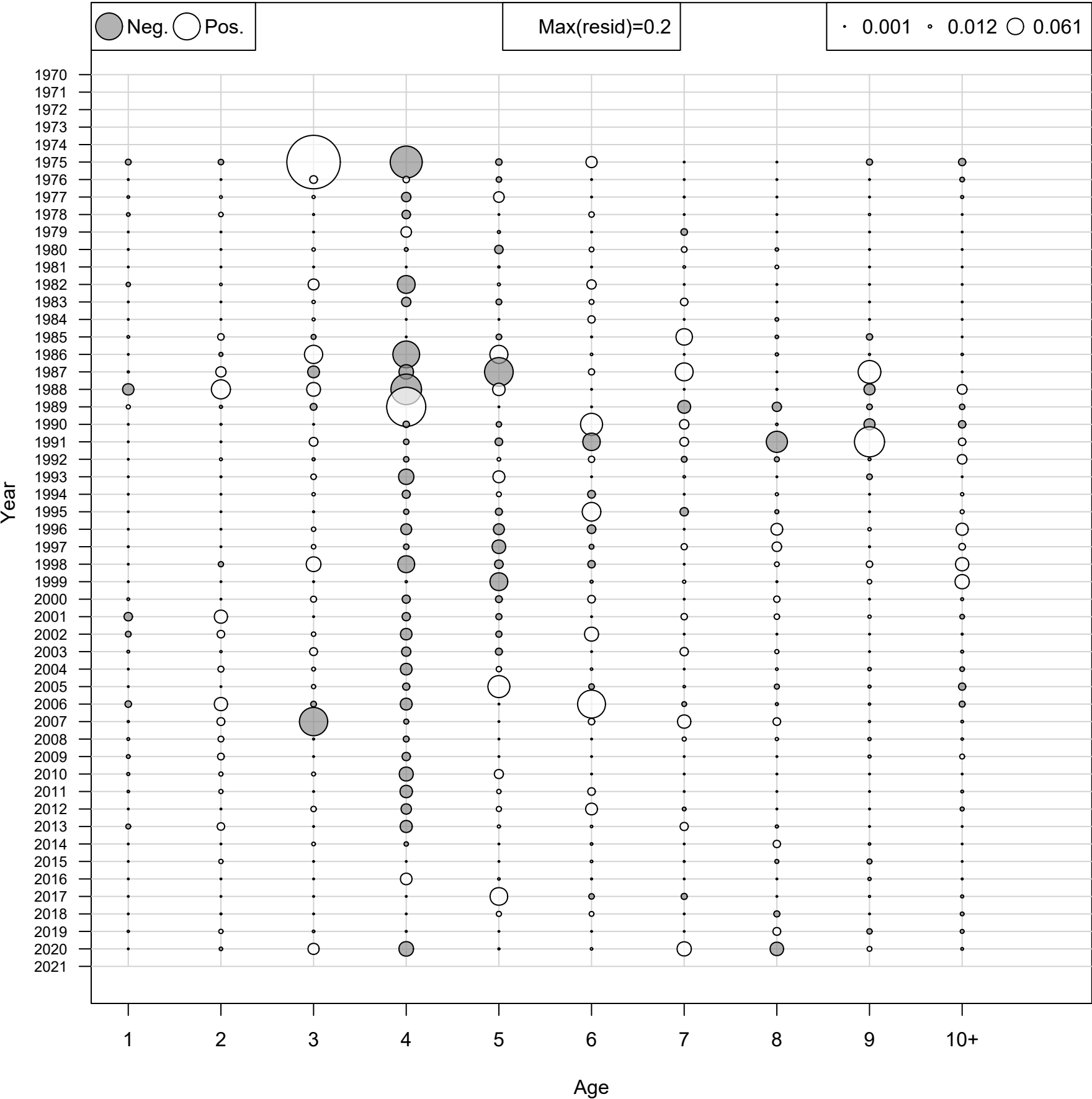
1 2 3 4 5 6 7 8 9 10+

Age

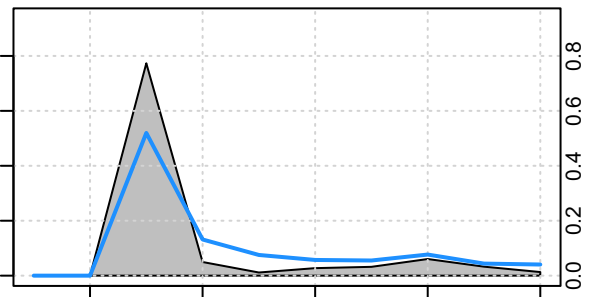
Year = 2020



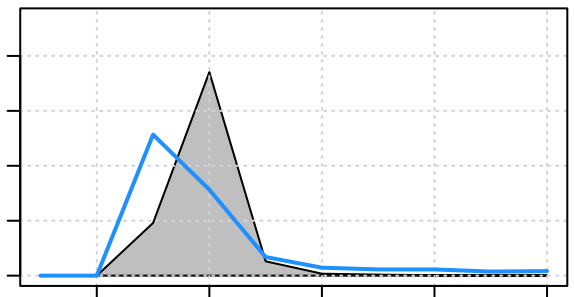
Age Comp Residuals (Observed-Predicted) for Fleet 1



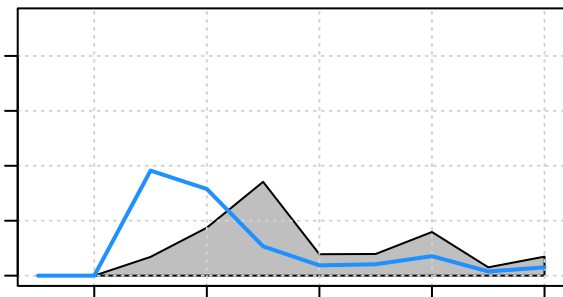
Index 1
Year = 1997



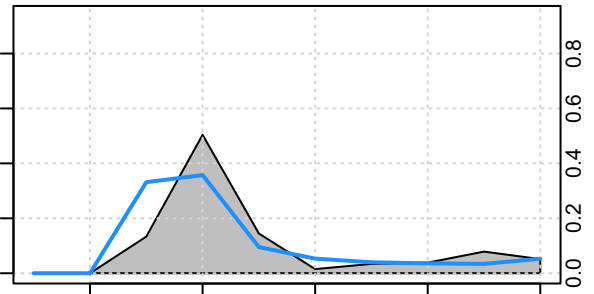
Year = 2003



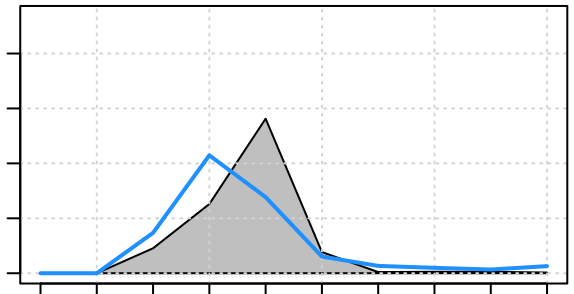
Year = 1992



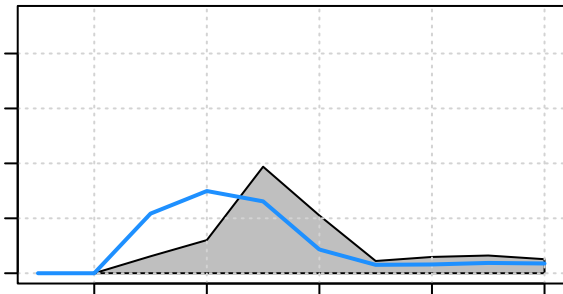
Year = 1998



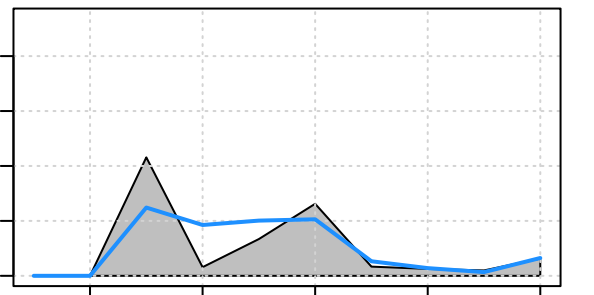
Year = 2004



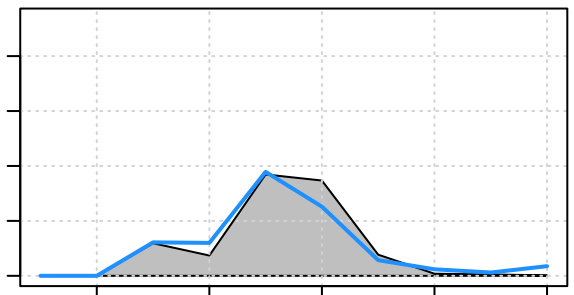
Year = 1993



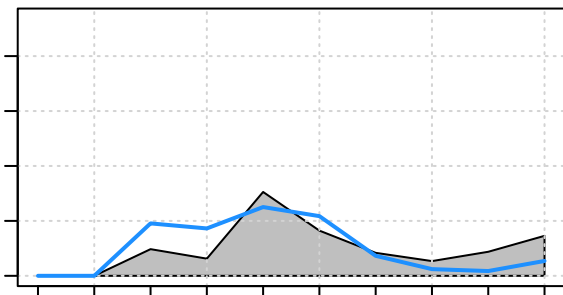
Year = 2000



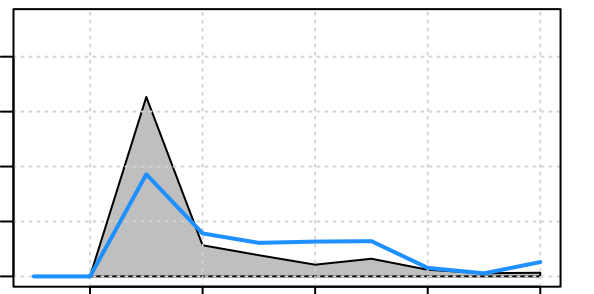
Year = 2005



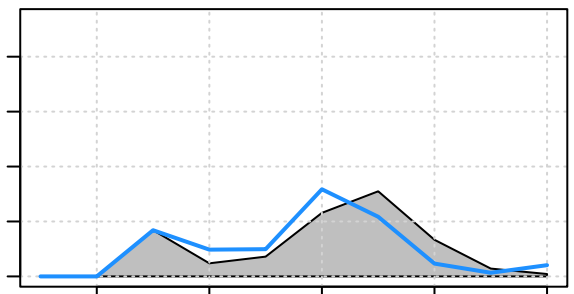
Year = 1994



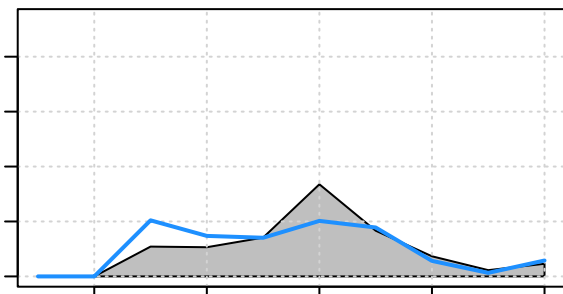
Year = 2001



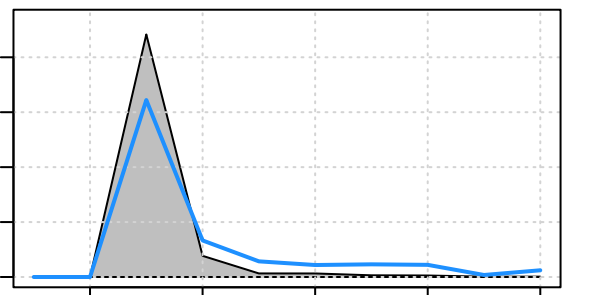
Year = 2006



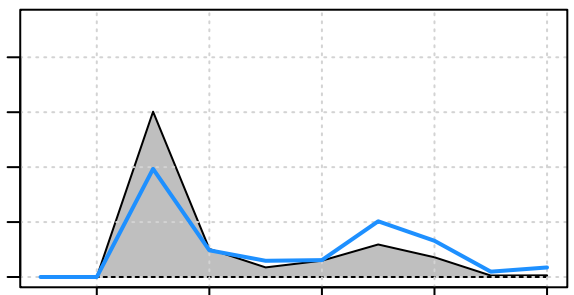
Year = 1995



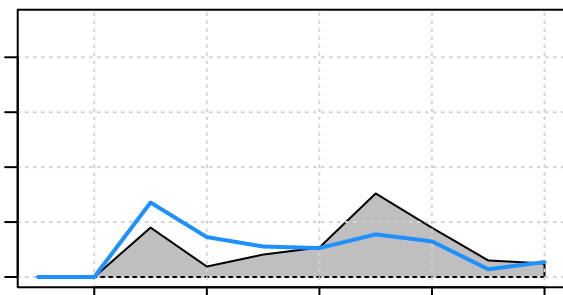
Year = 2002



Year = 2007



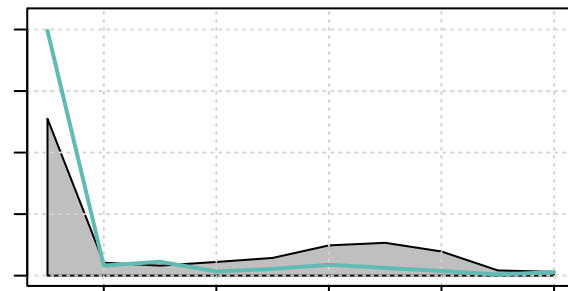
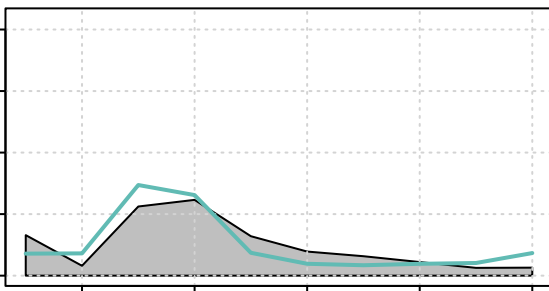
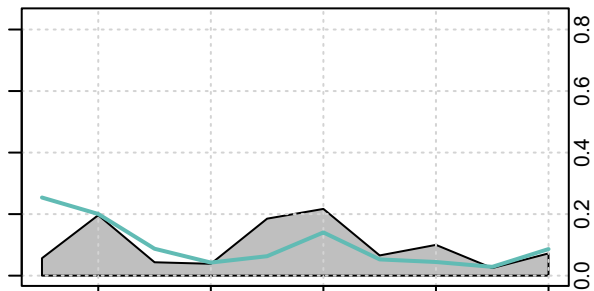
Year = 1996



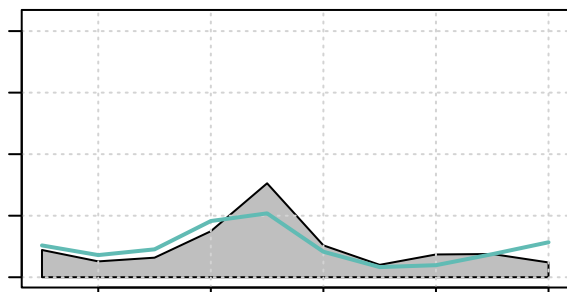
Age

Proportion

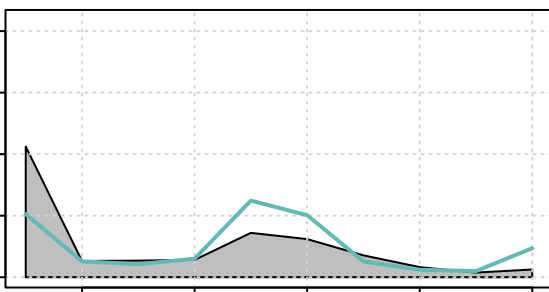
Index 2
Year = 2003



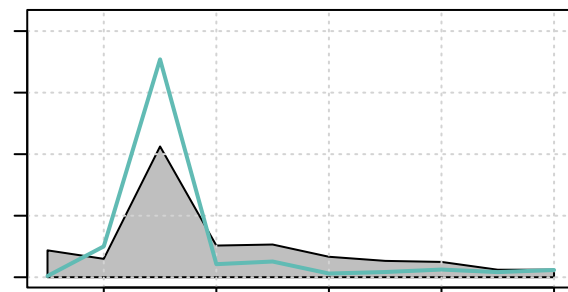
Year = 1993



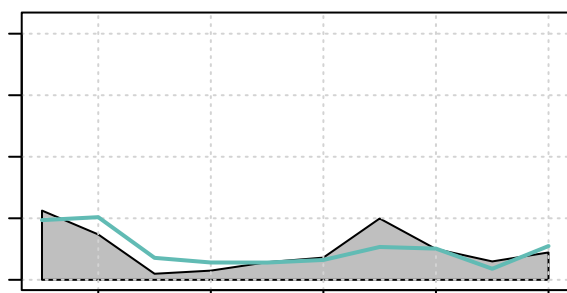
Year = 2005



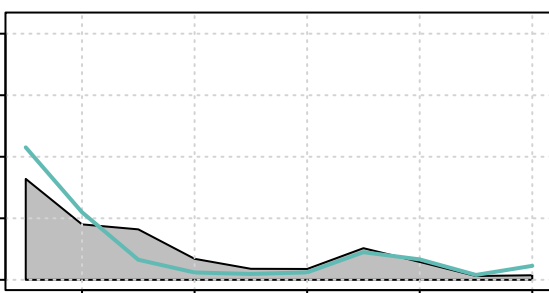
Year = 2015



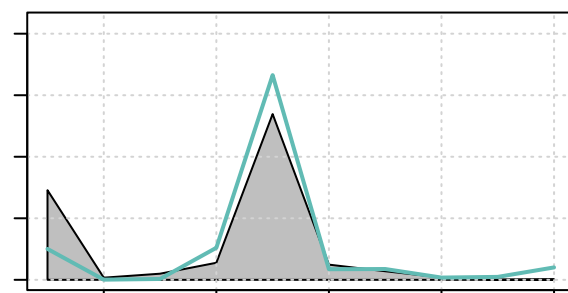
Year = 1996



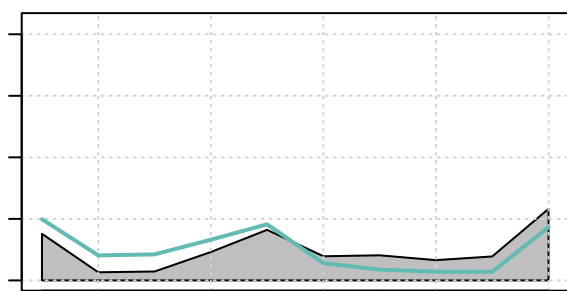
Year = 2007



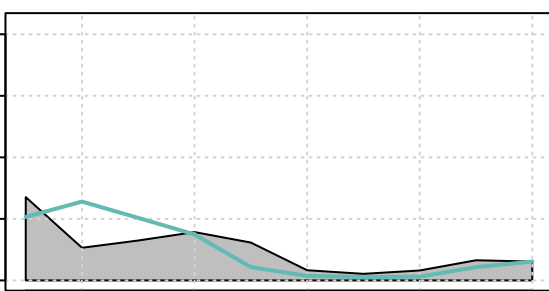
Year = 2017



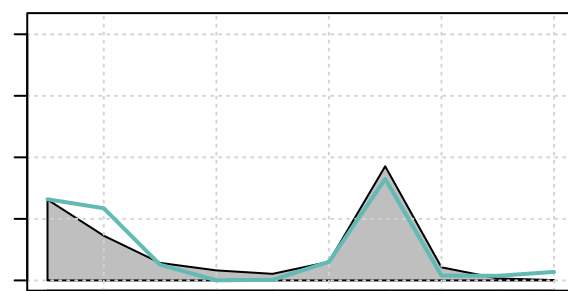
Year = 1999



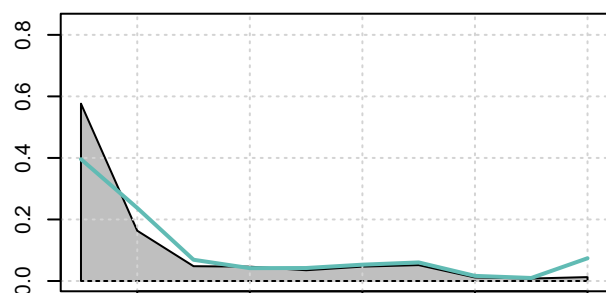
Year = 2009



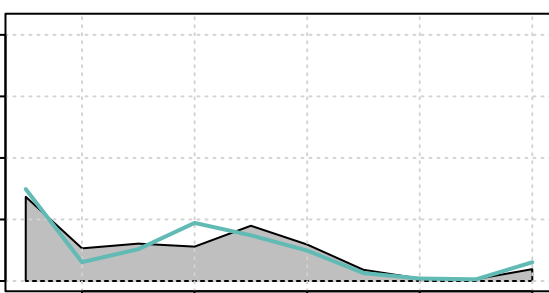
Year = 2019



Year = 2001

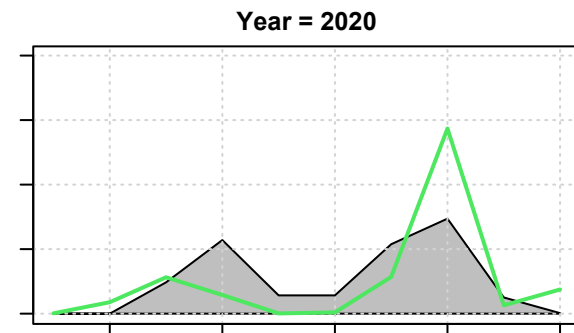
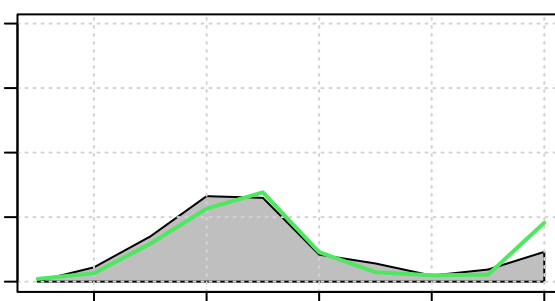
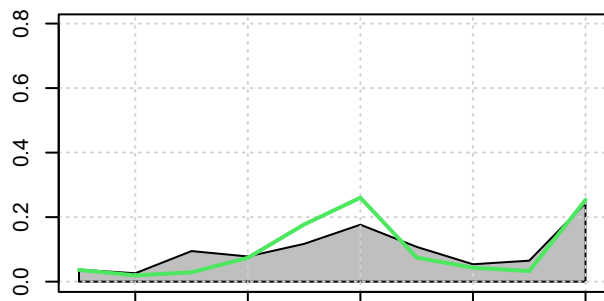


Year = 2011

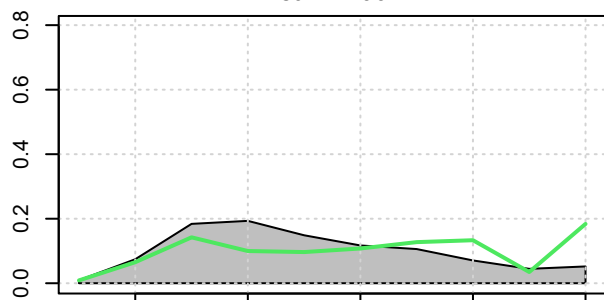


Age

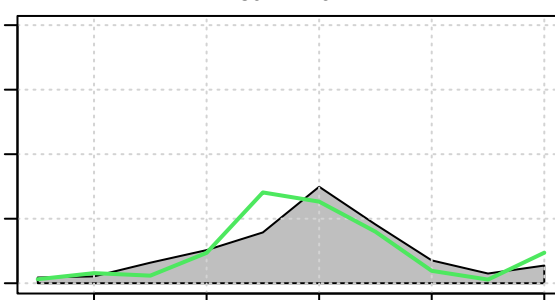
Index 3
Year = 2010



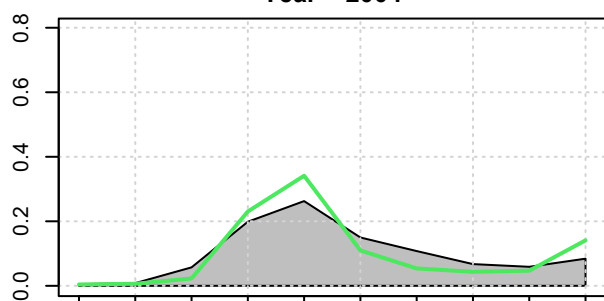
Year = 2002



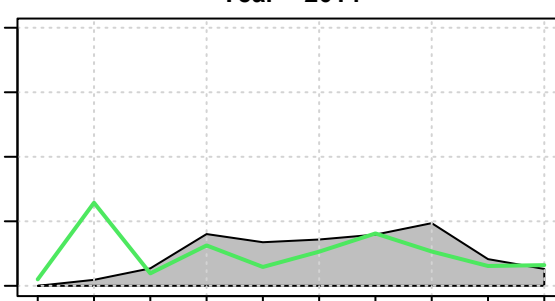
Year = 2012



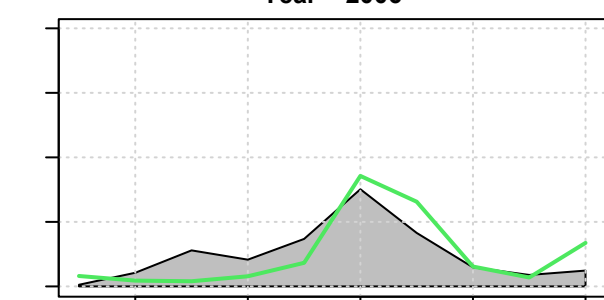
Year = 2004



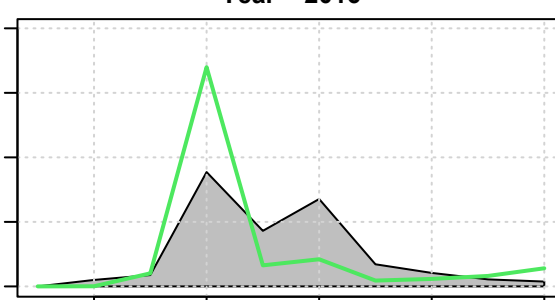
Year = 2014



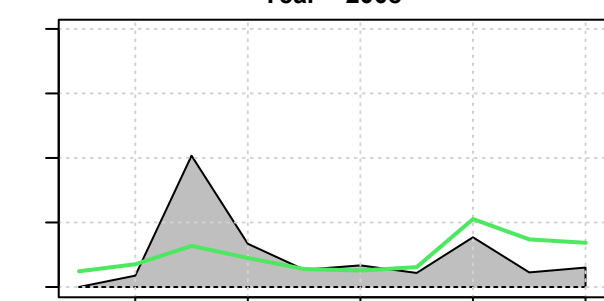
Year = 2006



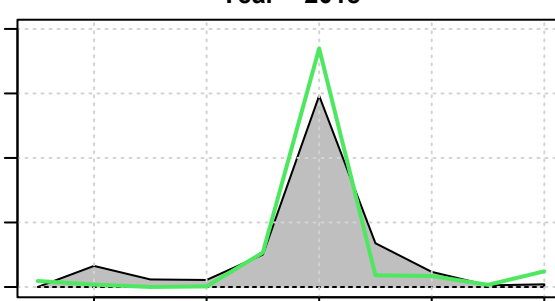
Year = 2016



Year = 2008

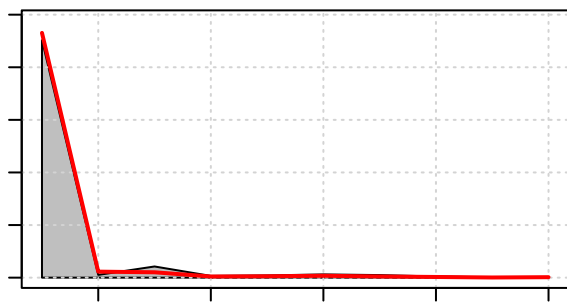


Year = 2018

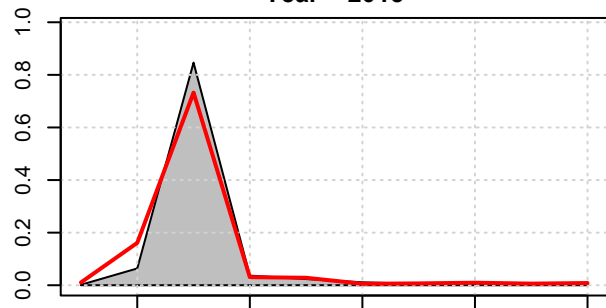


Age

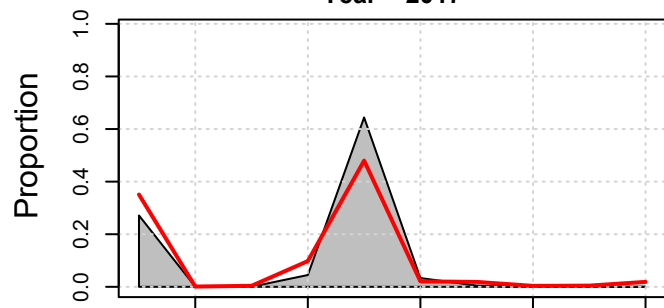
Year = 2013



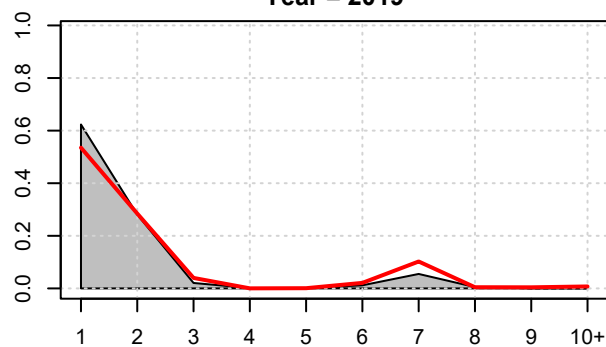
Year = 2015



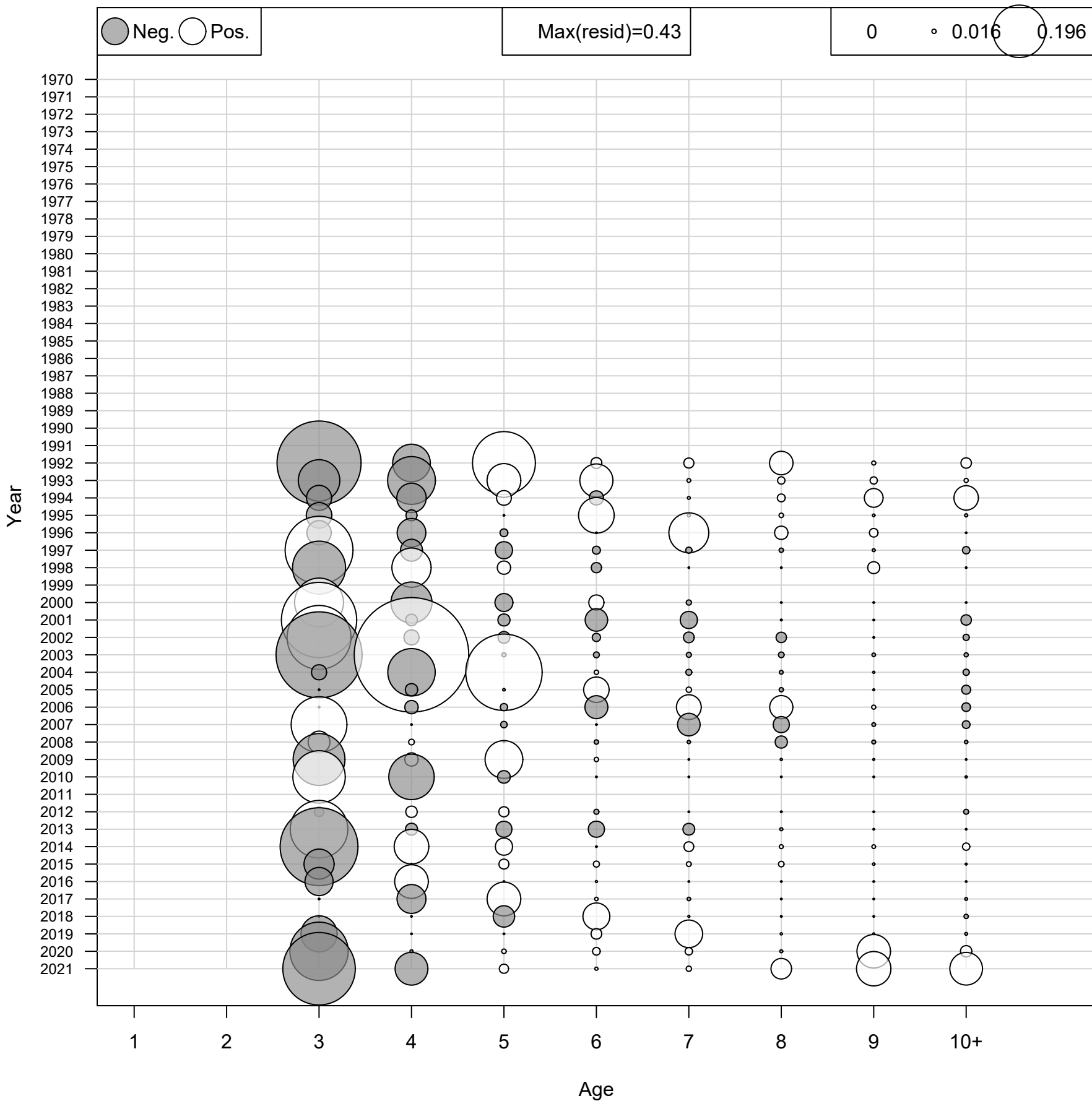
Year = 2017



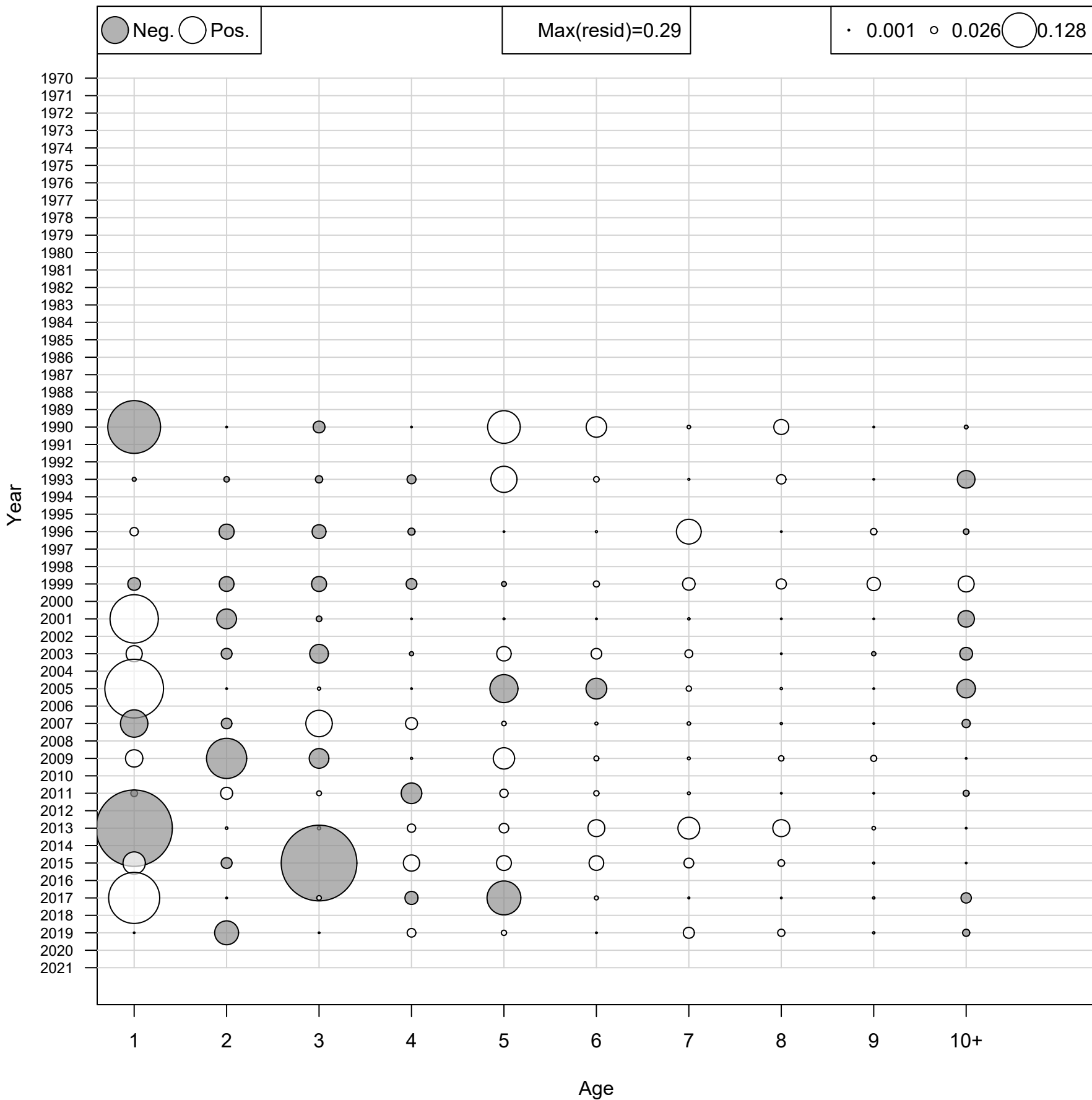
Year = 2019



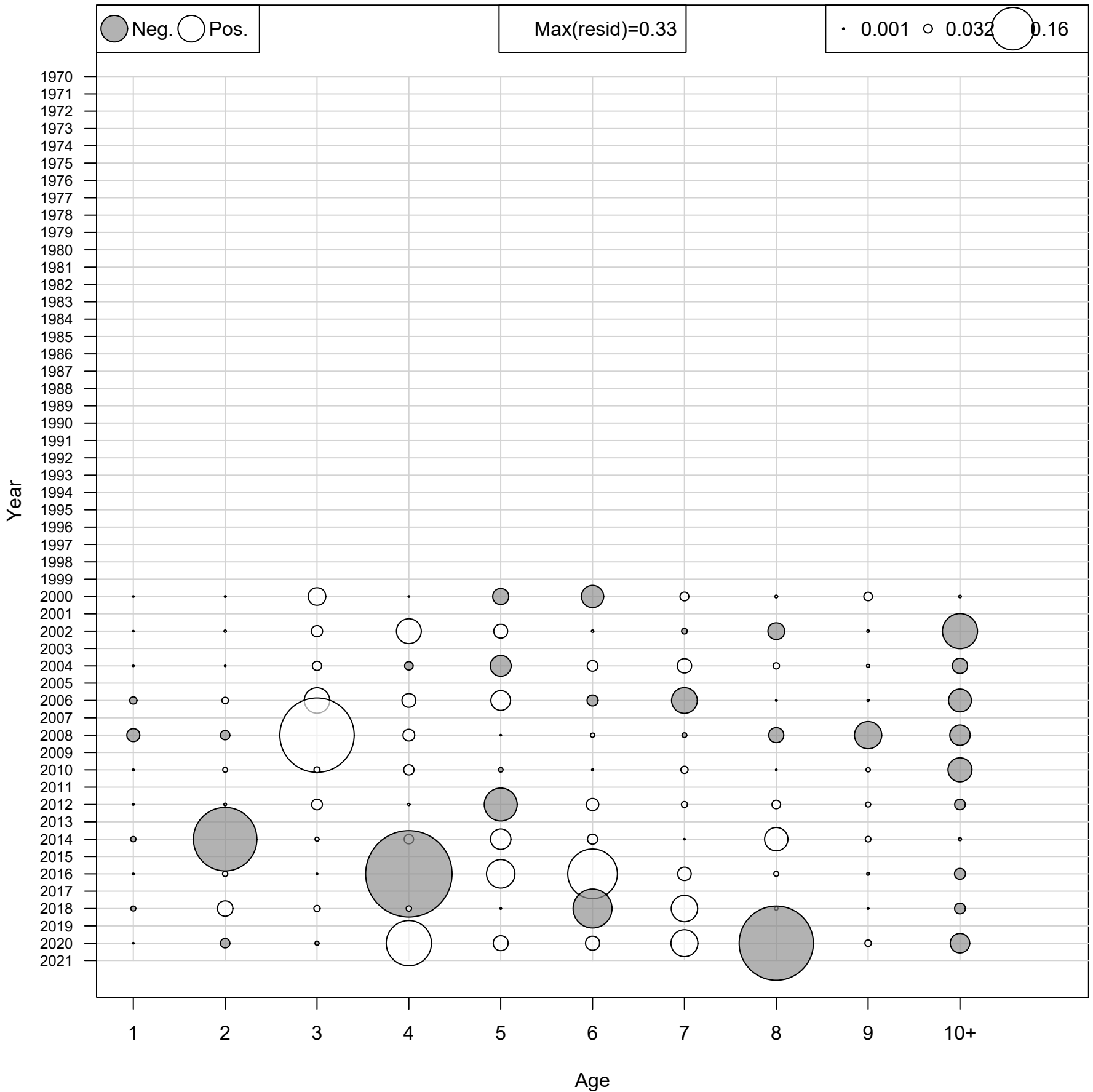
Age Comp Residuals (Observed-Predicted) for Index 1



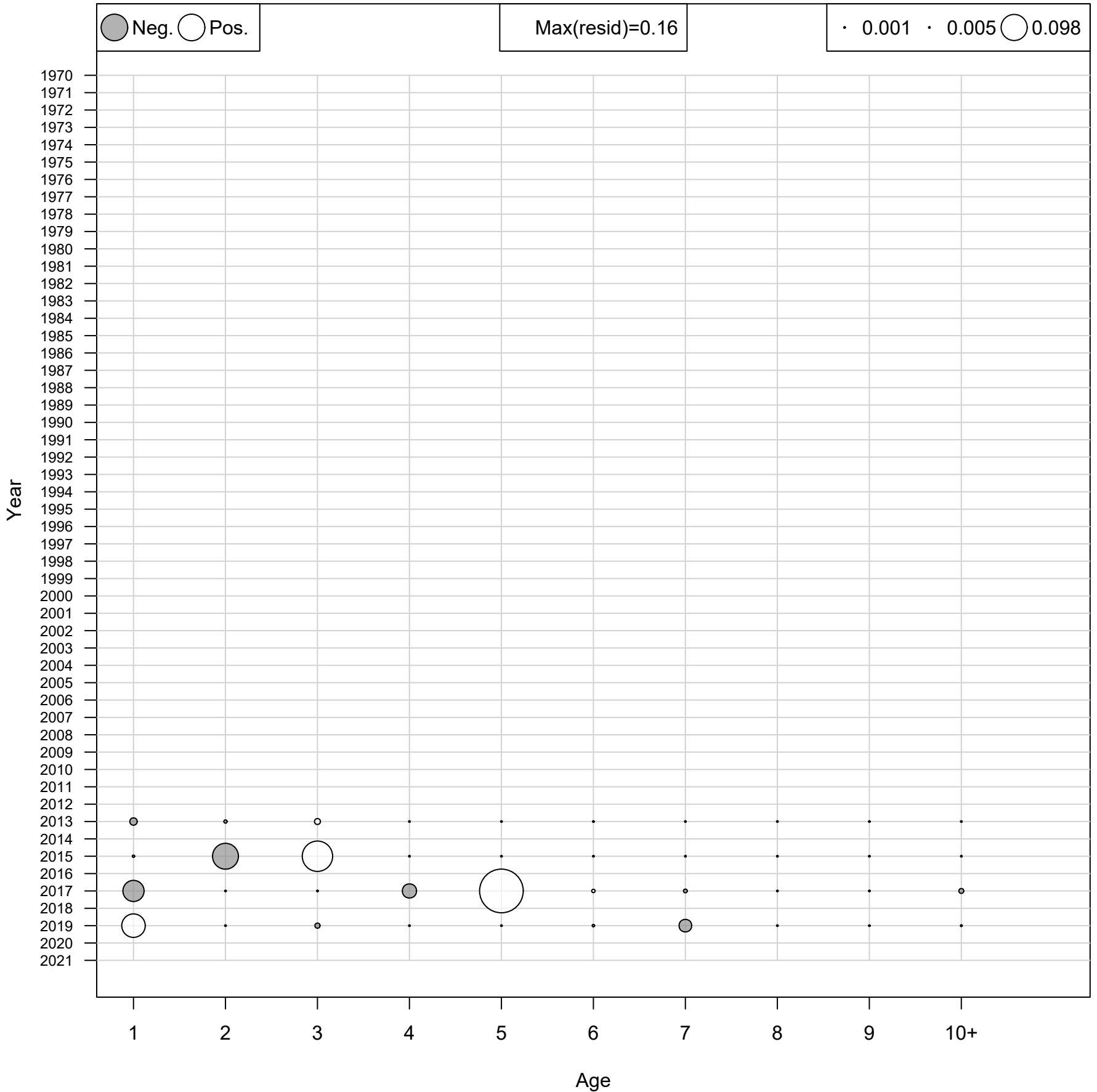
Age Comp Residuals (Observed-Predicted) for Index 2

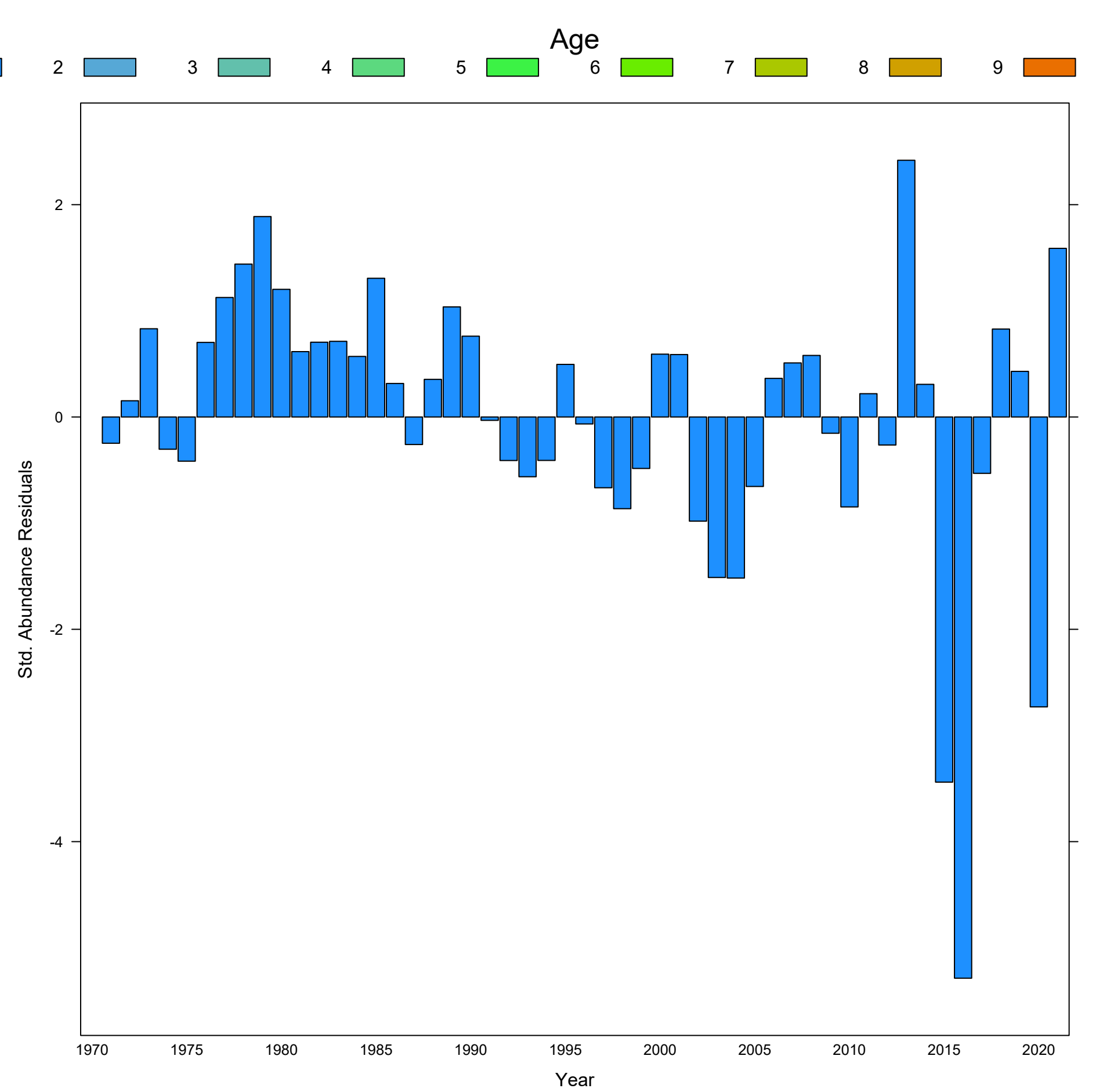


Age Comp Residuals (Observed-Predicted) for Index 3



Age Comp Residuals (Observed-Predicted) for Index 6





Weight-at-age Residuals (Observed-Predicted) for Indices 1

