

Ex_LW

Model years: 26-75

Projection years: none

Number of fleets: 1

Fleet Age Comp Models: Multinomial

Number of indices: 1

Index Age Comp Models: Multinomial

Recruitment model: Random about mean

No Environmental covariates.

Number of Selectivity blocks: 2

Selectivity Block Types: Age-specific, Age-specific

Fleet 1 Selectivity Blocks: 1

Index 1 Selectivity Blocks: 2

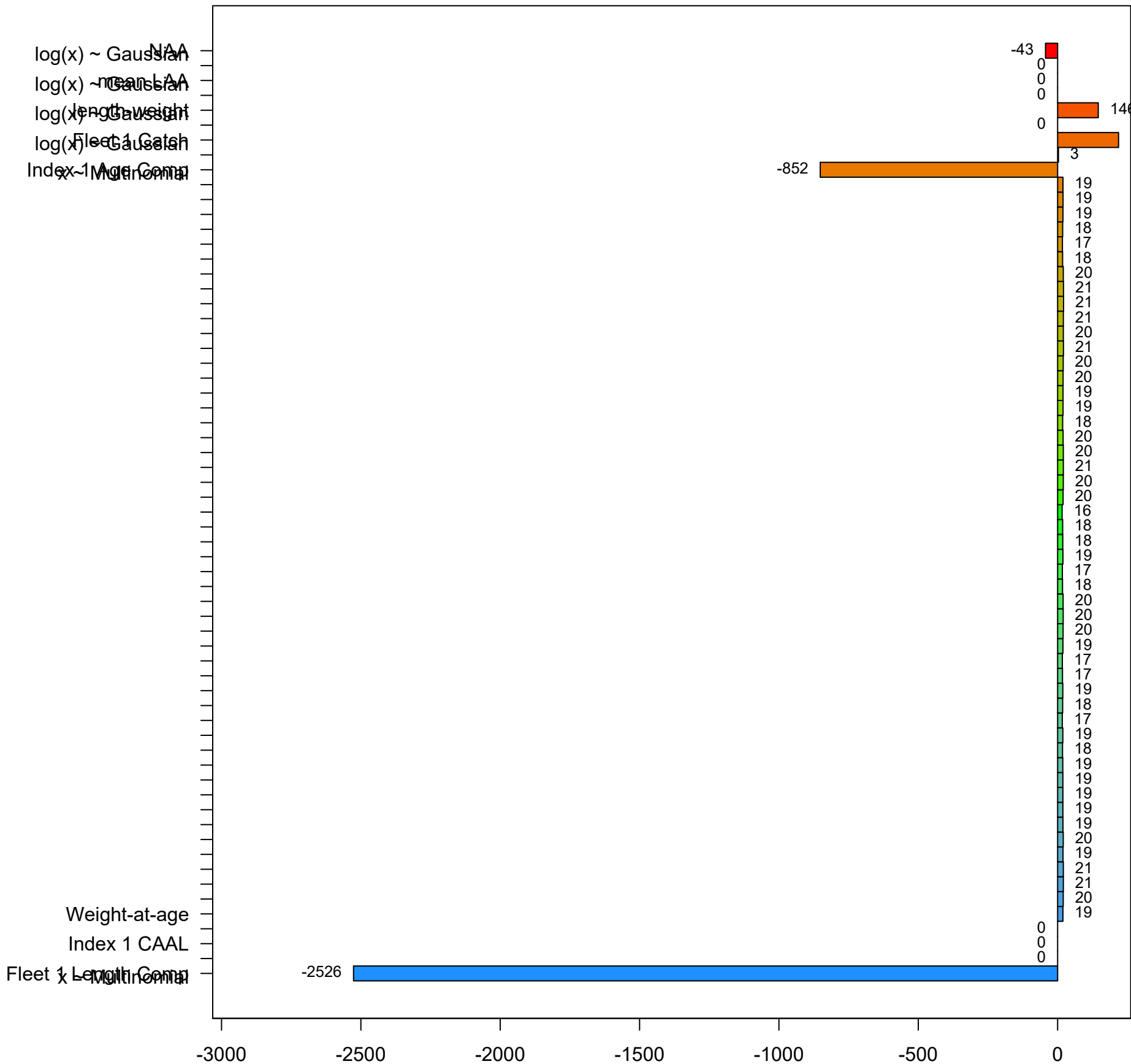
Run date: 2022-09-03 13:43:42 PDT

Run directory: C:/Users/moroncog/Documents/Postdoc_UW/test_size-info

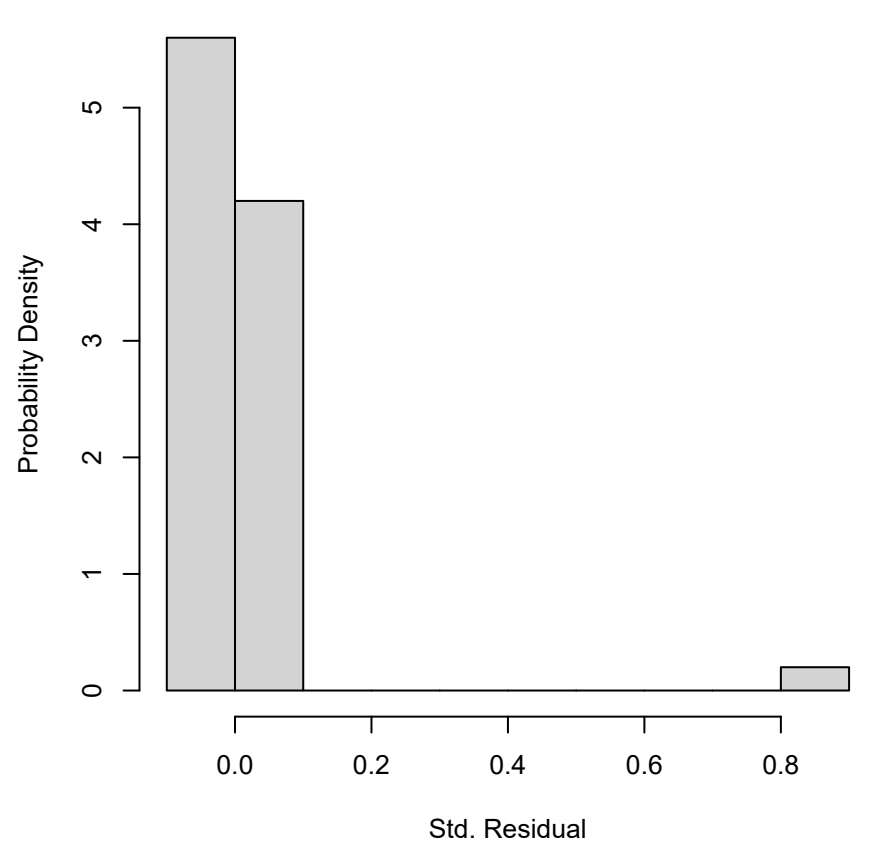
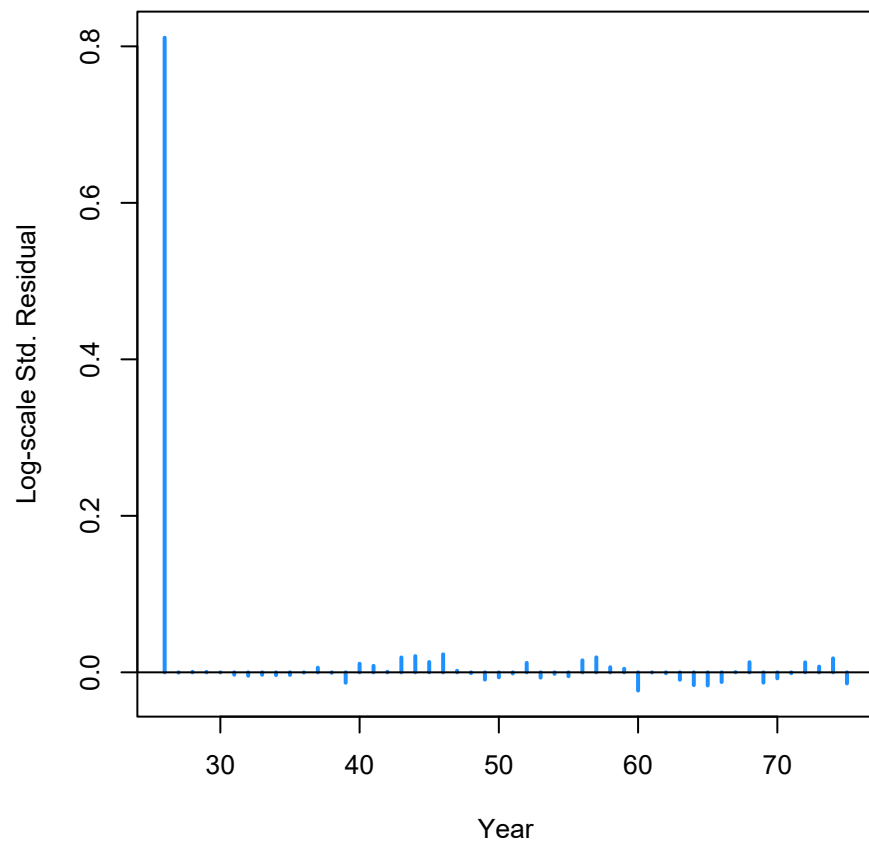
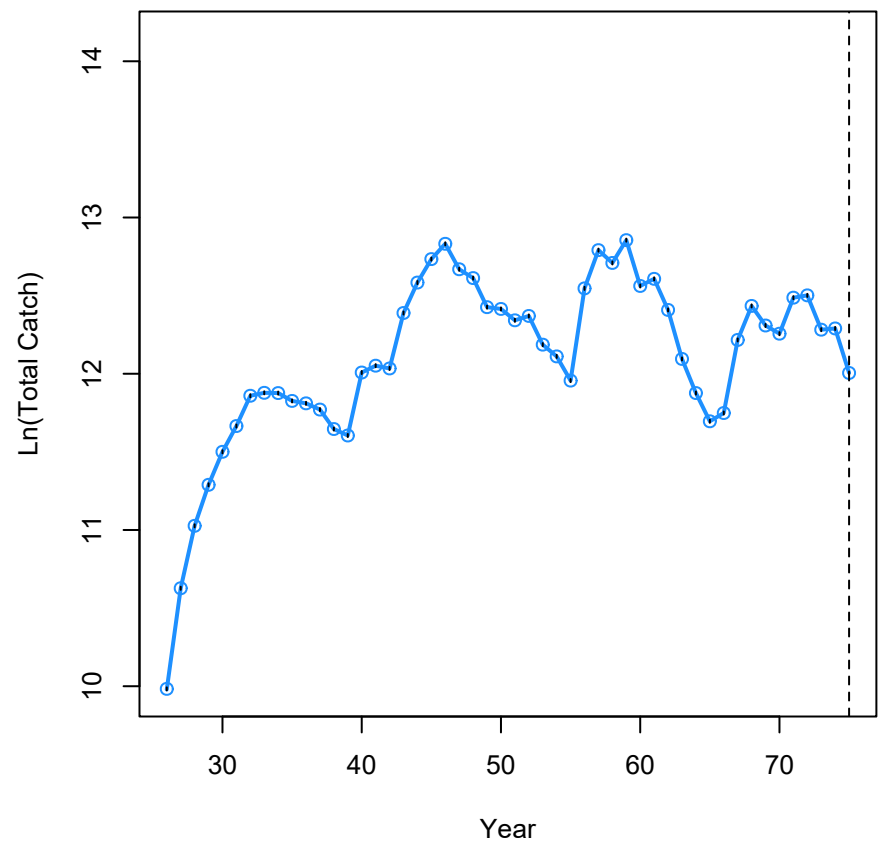
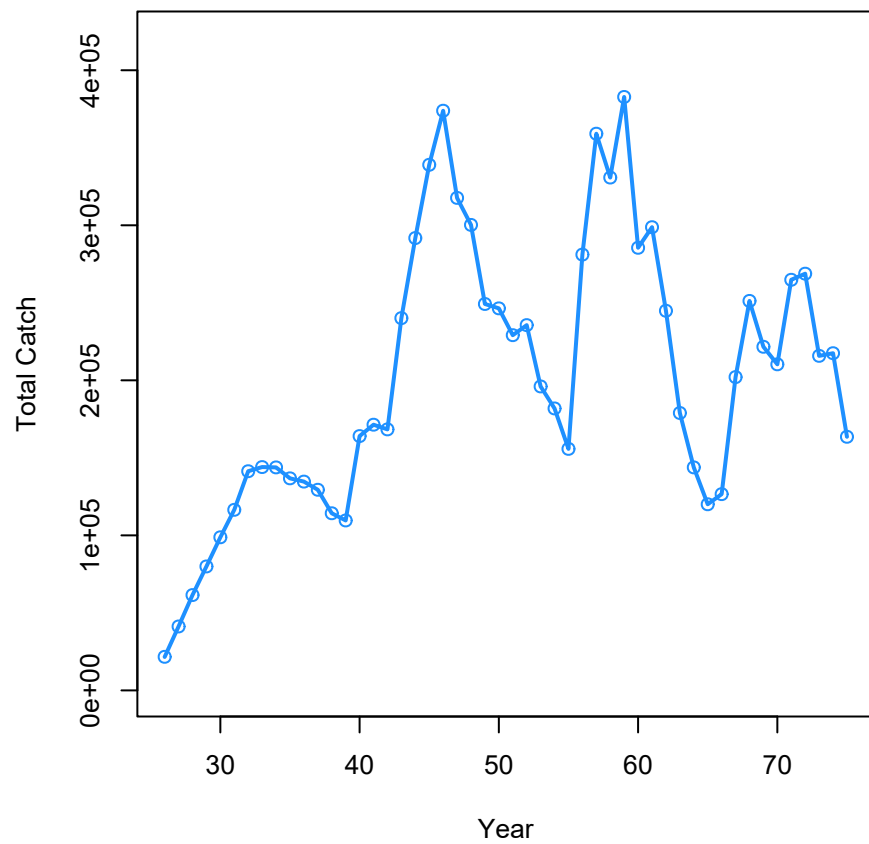
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TMB version: 1.9.1 / CRAN (R 4.0.4)

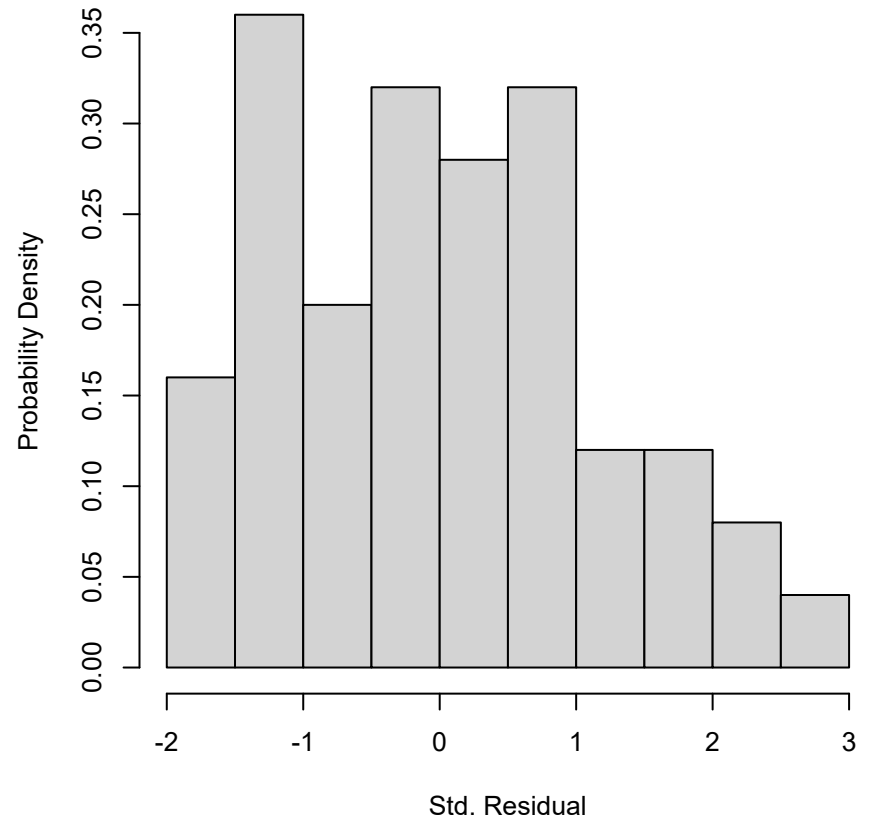
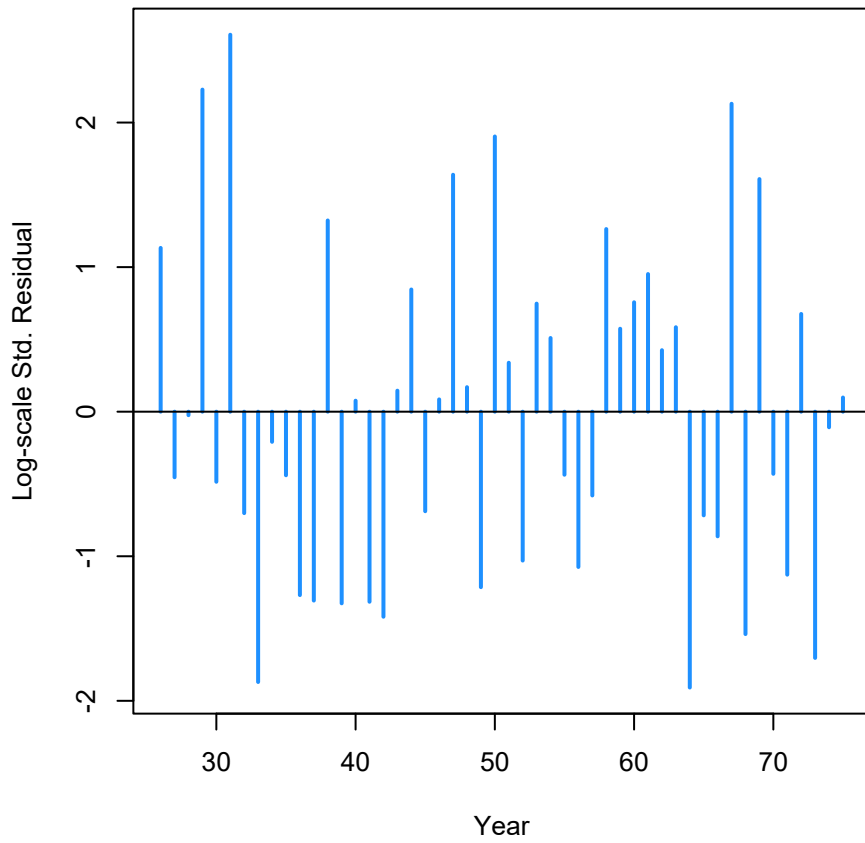
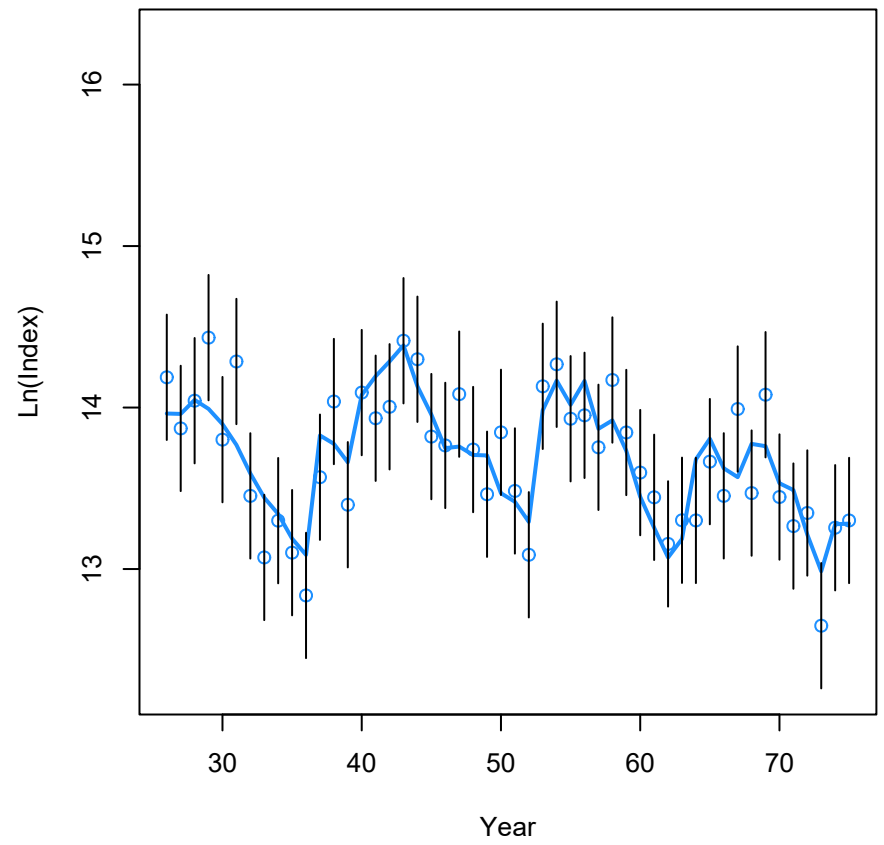
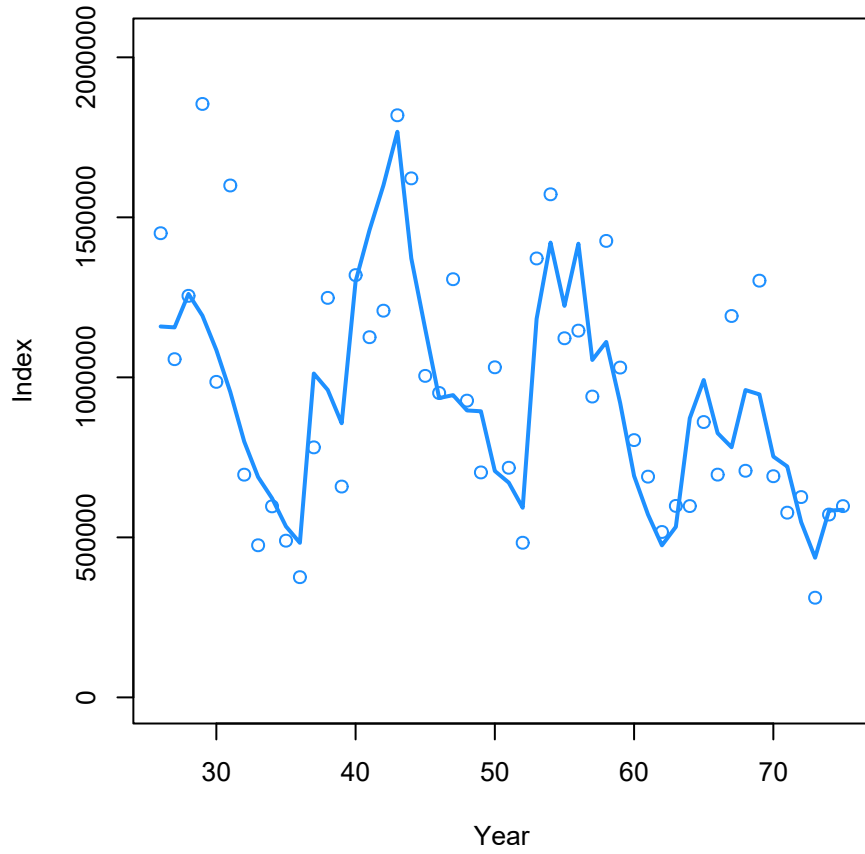
sdreport() performed with all variance estimates provided.



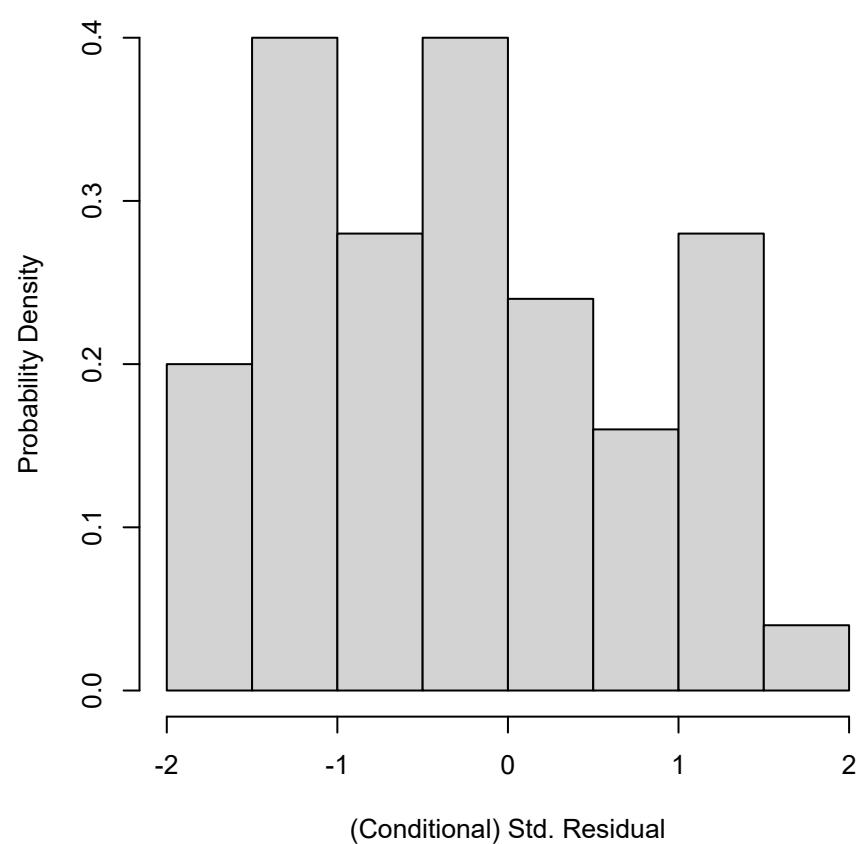
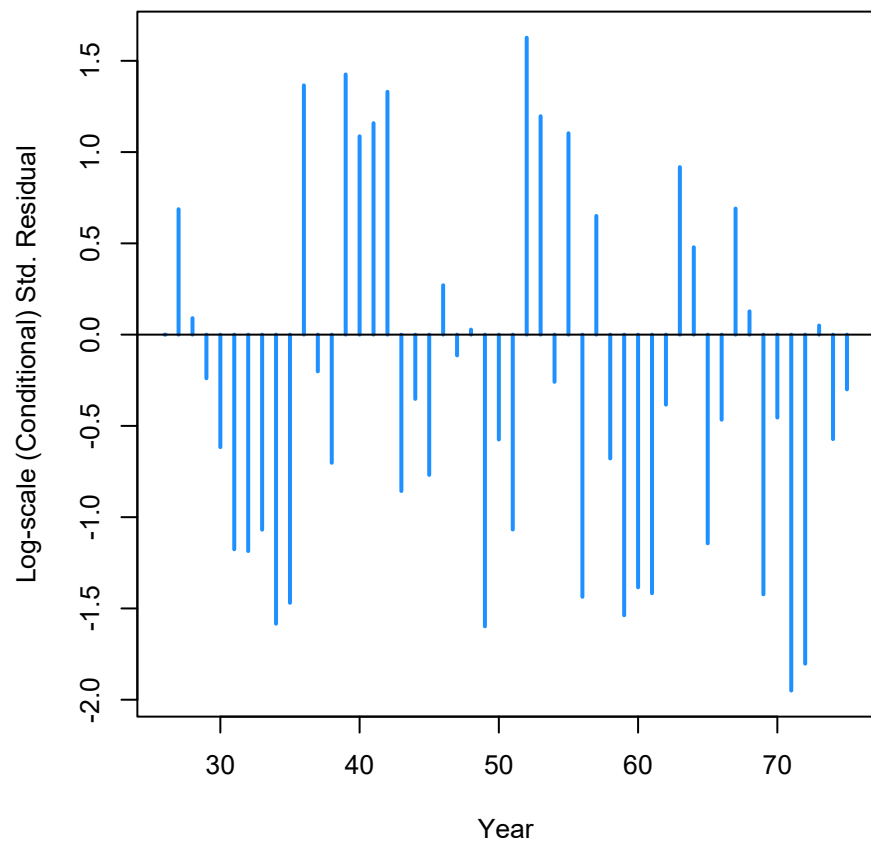
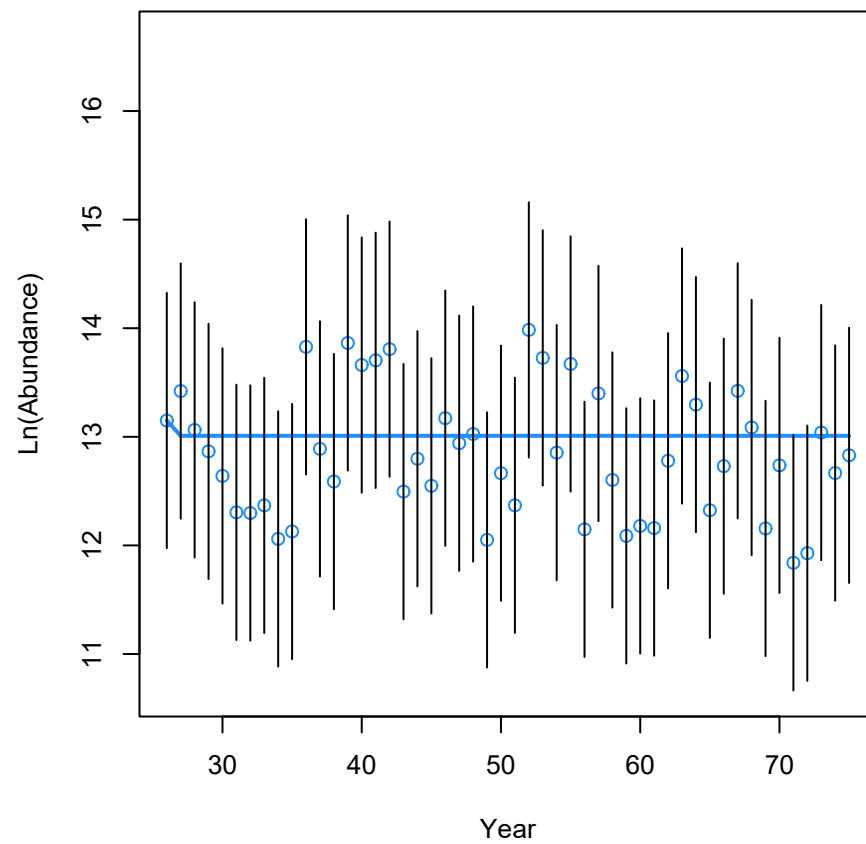
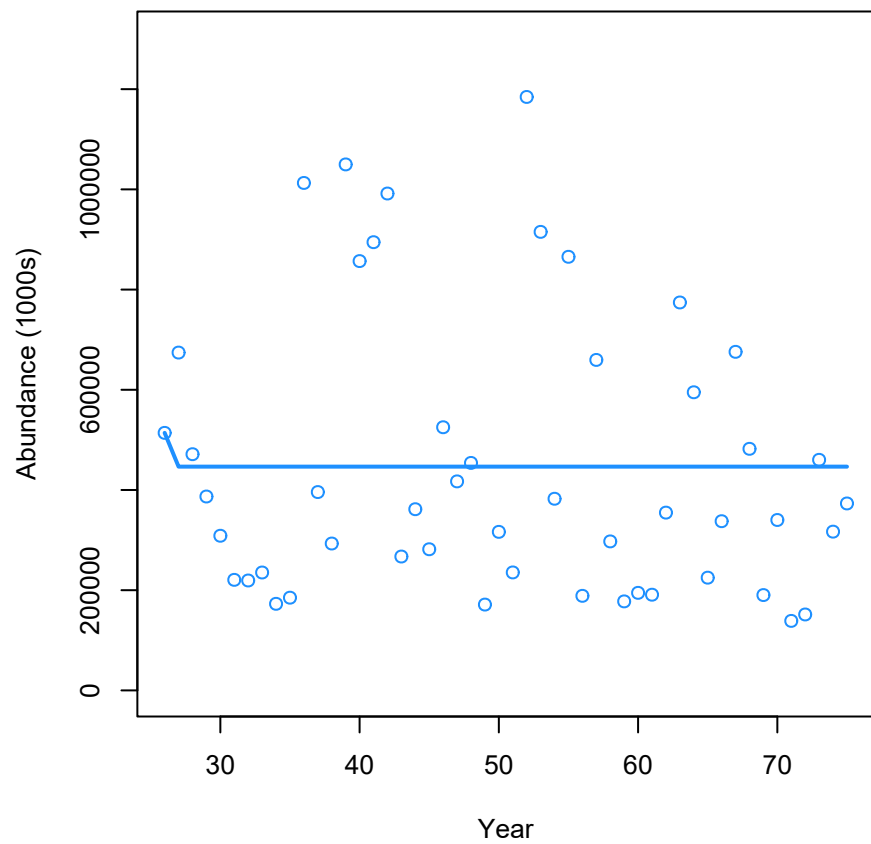
Fleet 1 Catch



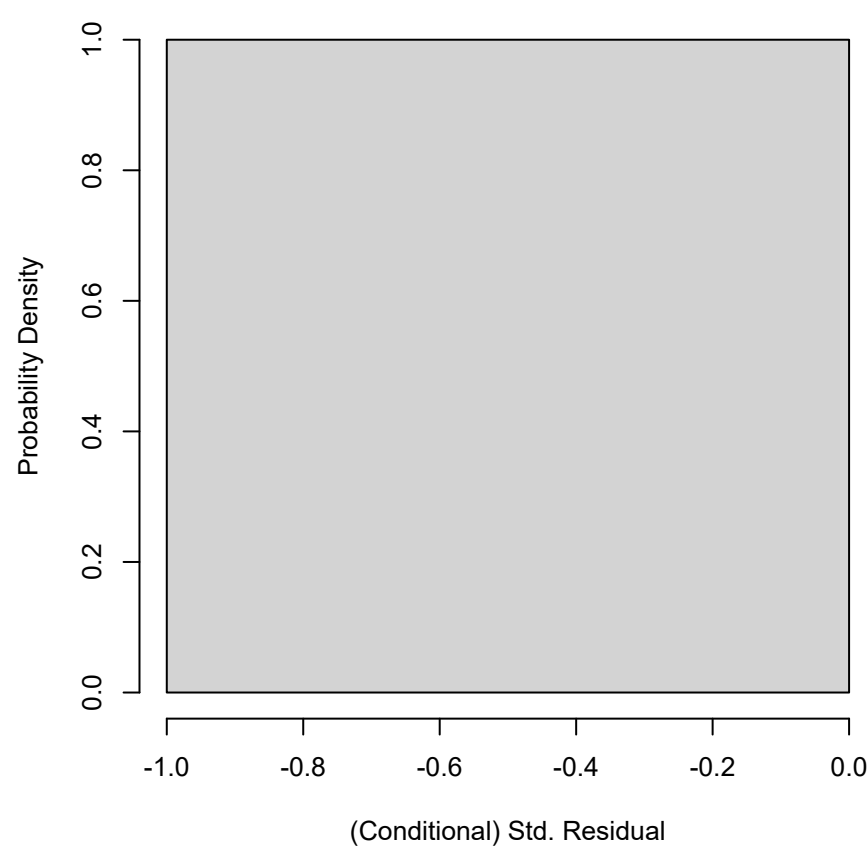
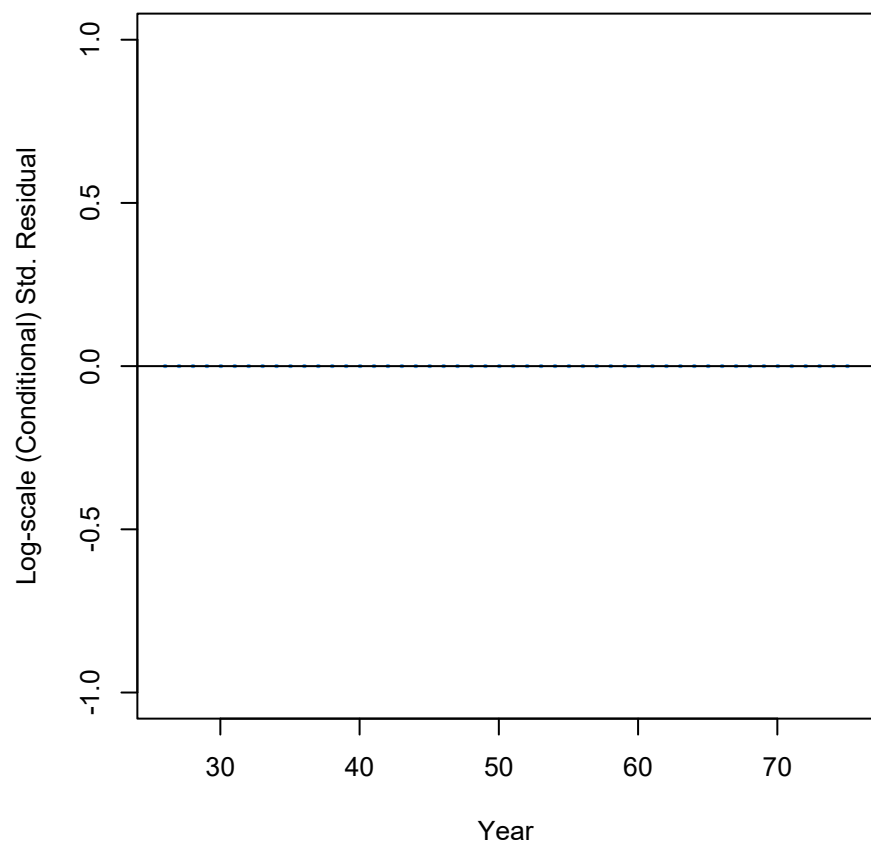
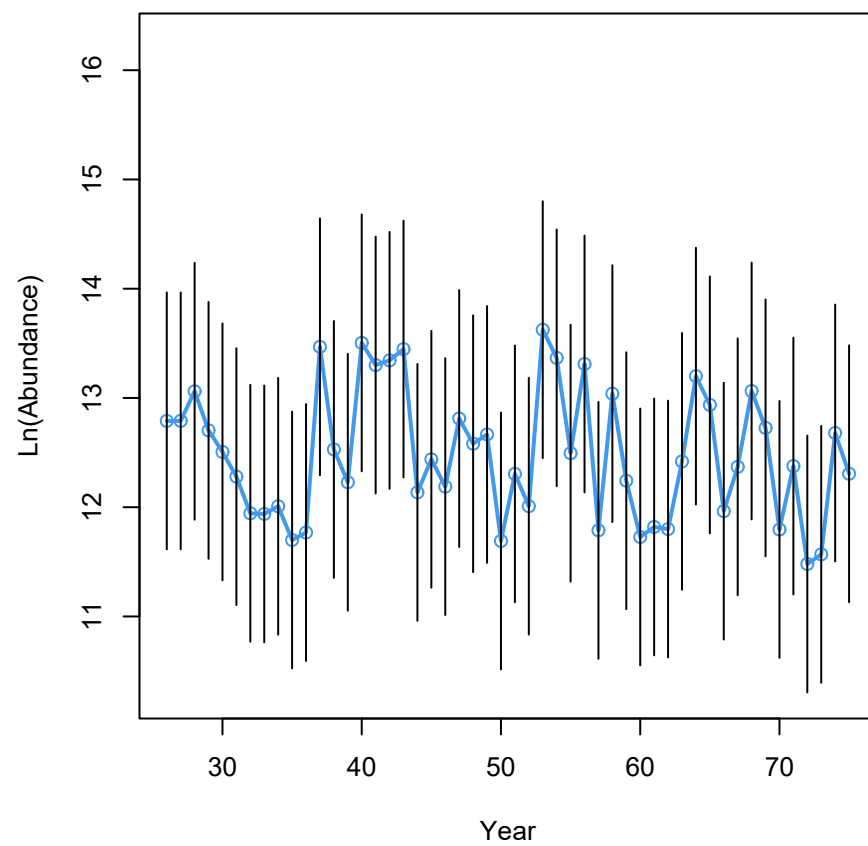
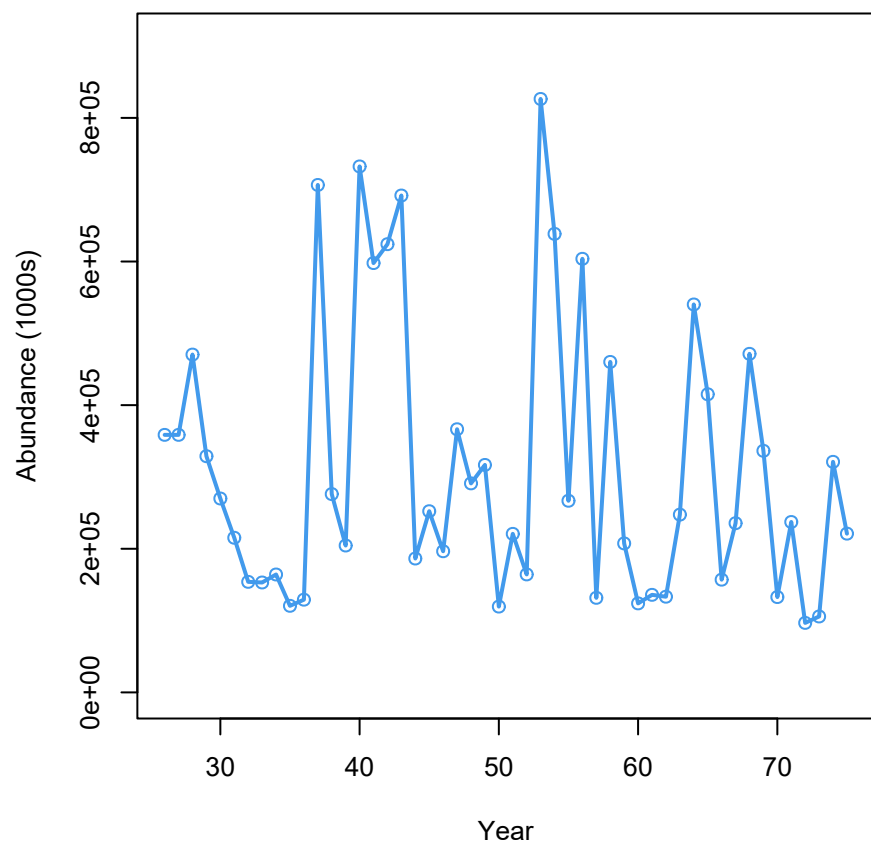
Index 1



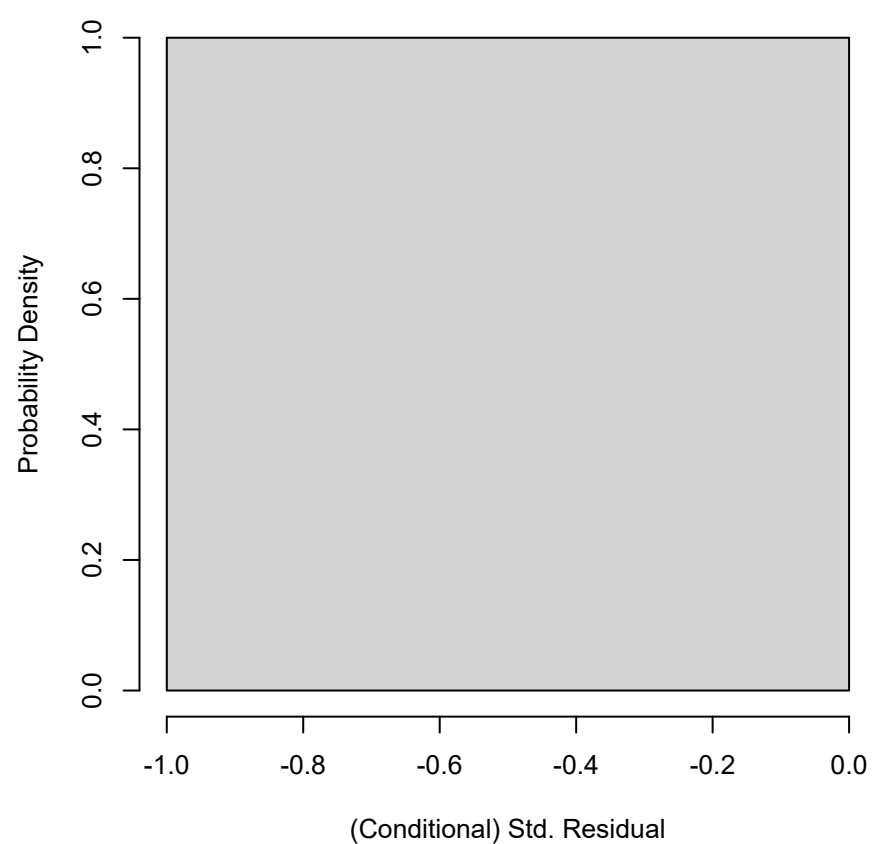
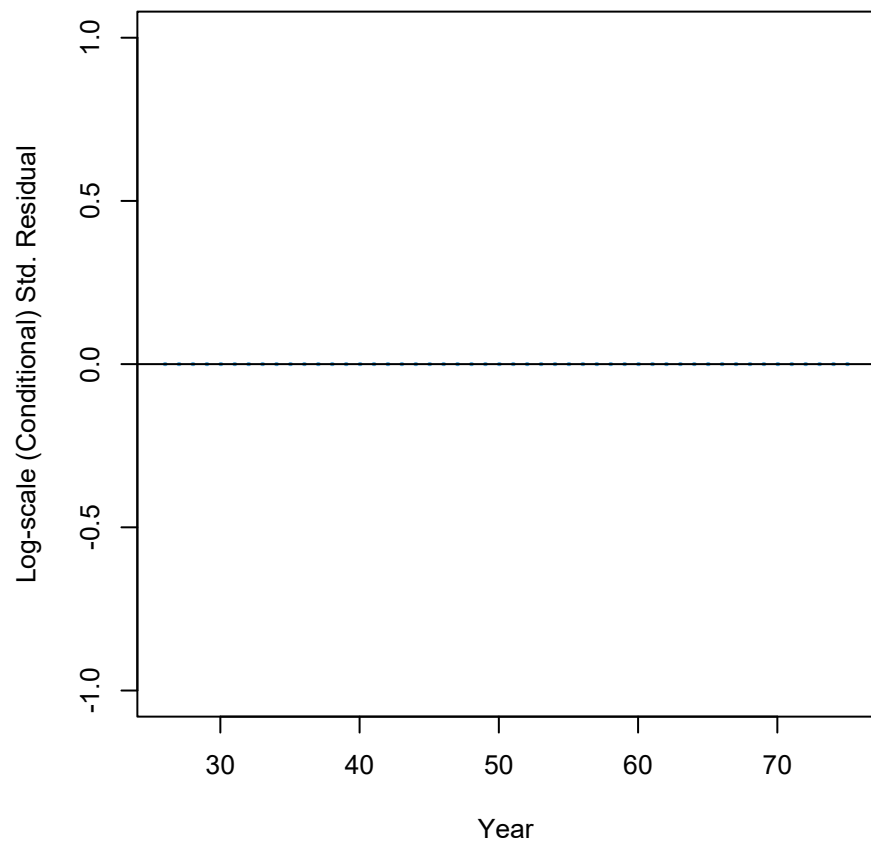
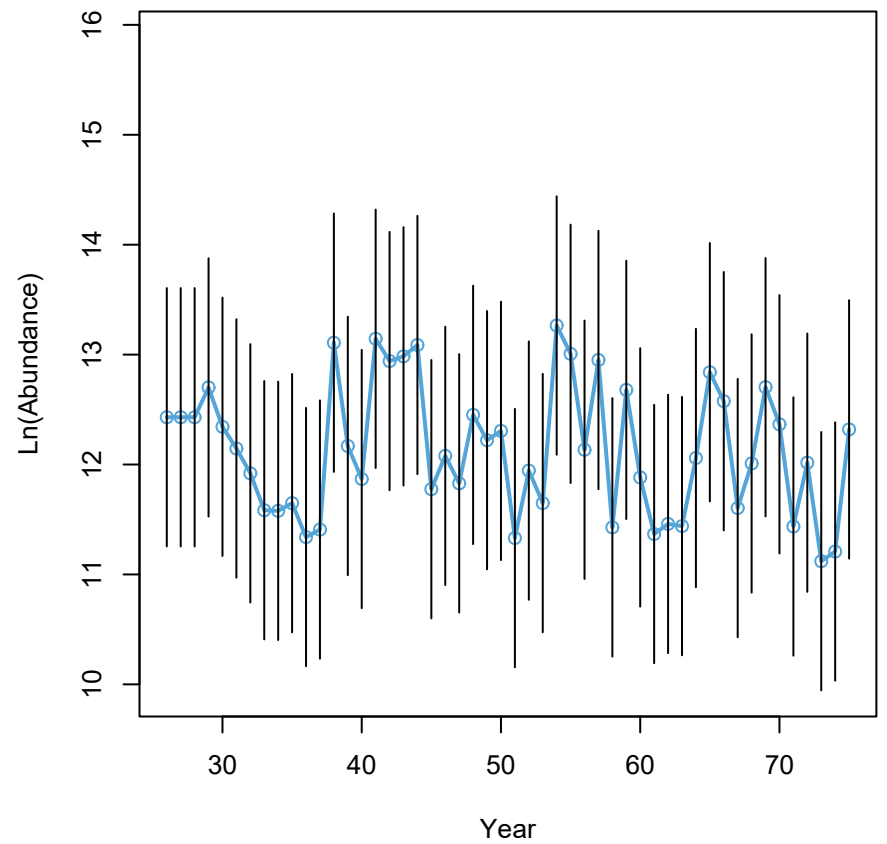
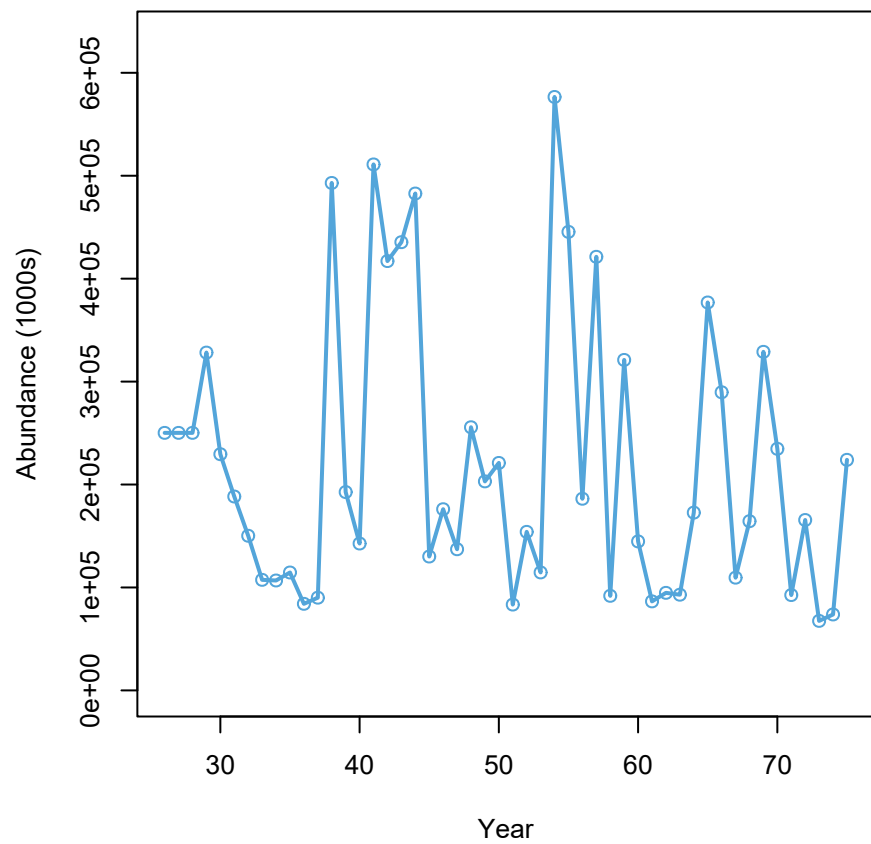
Conditional Expected and Posterior Estimates of Age 1 Abundance



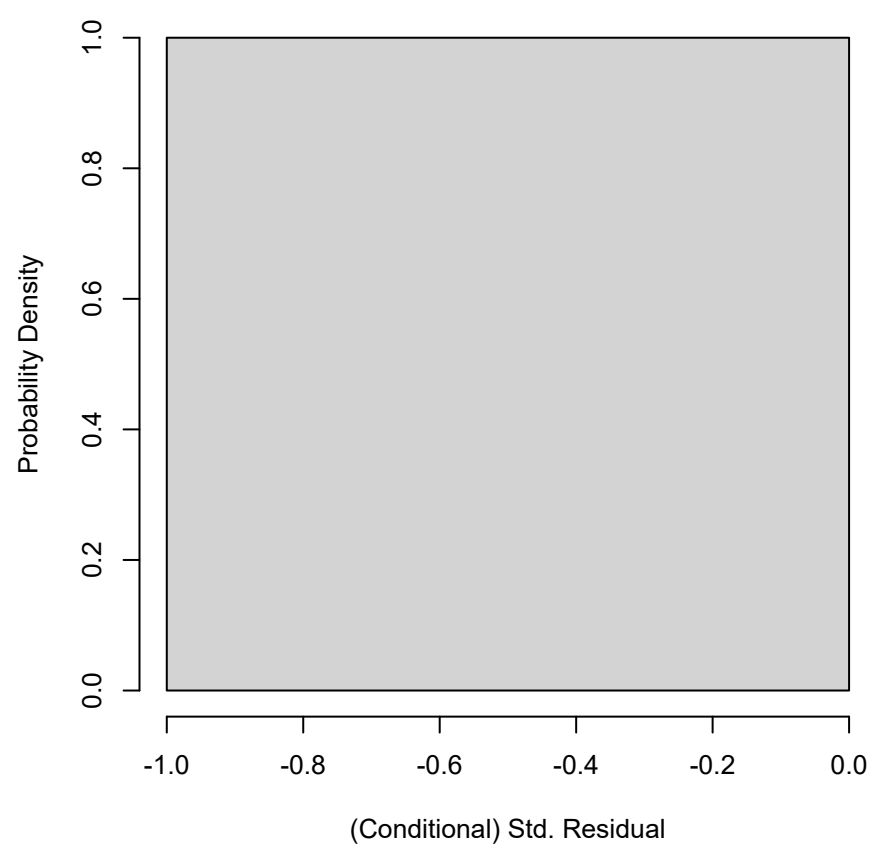
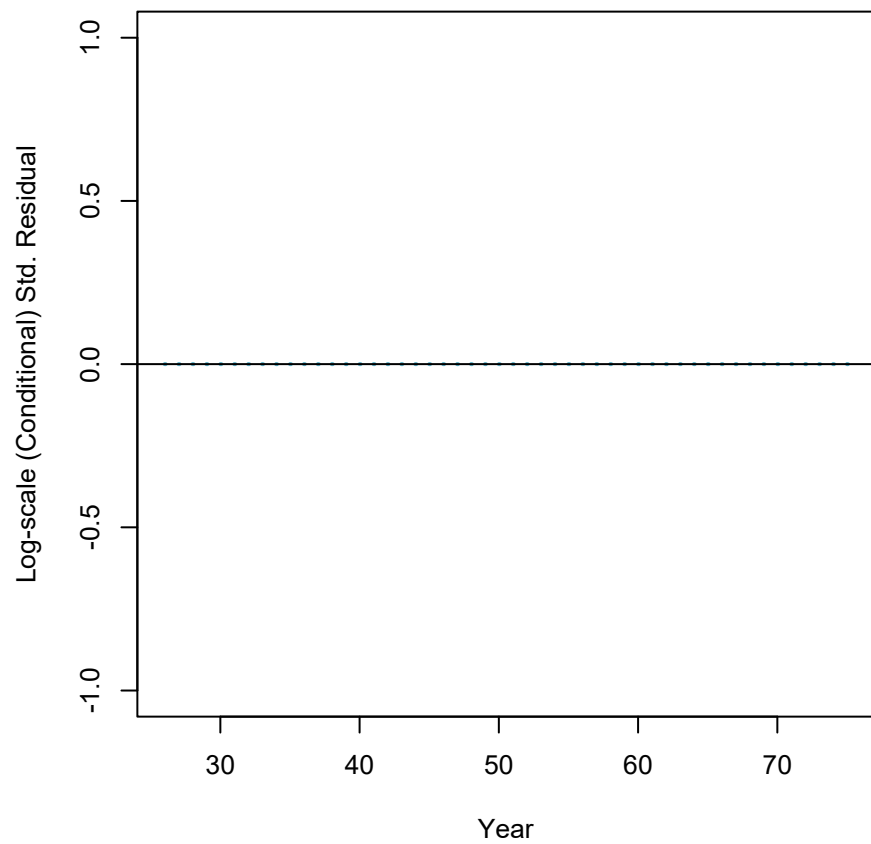
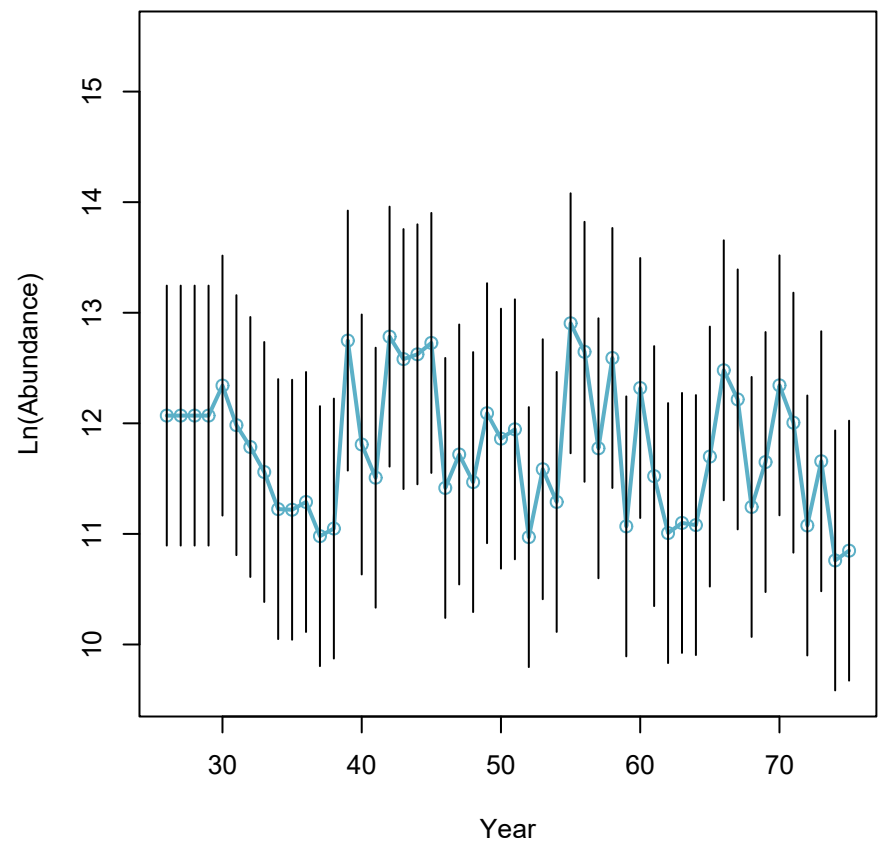
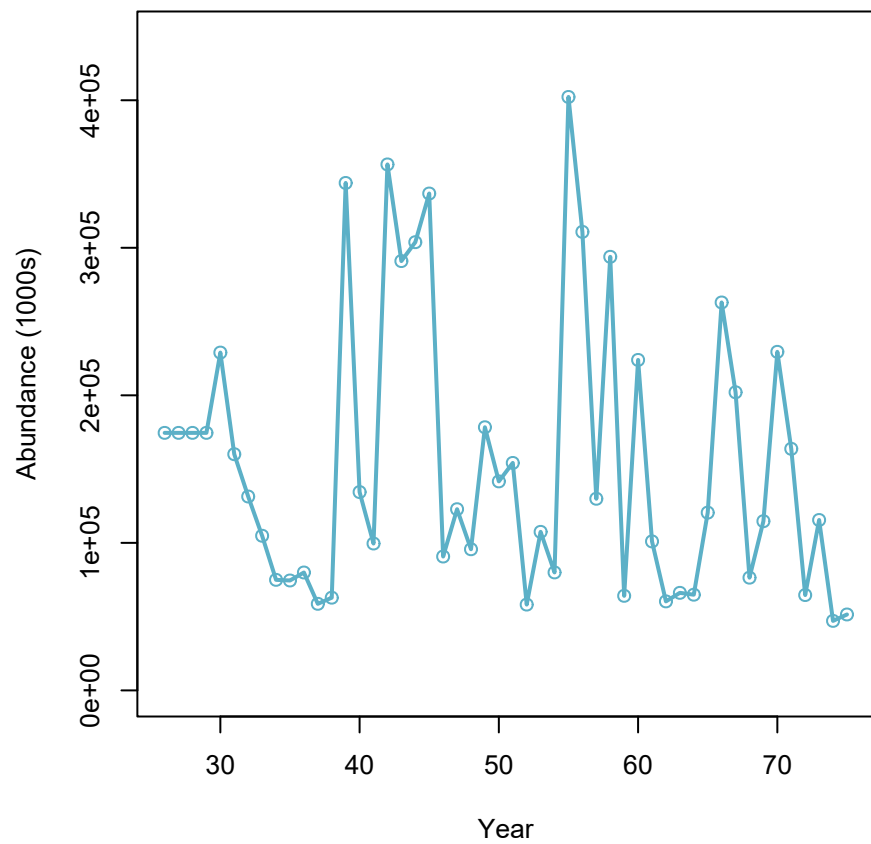
Conditional Expected and Posterior Estimates of Age 2 Abundance



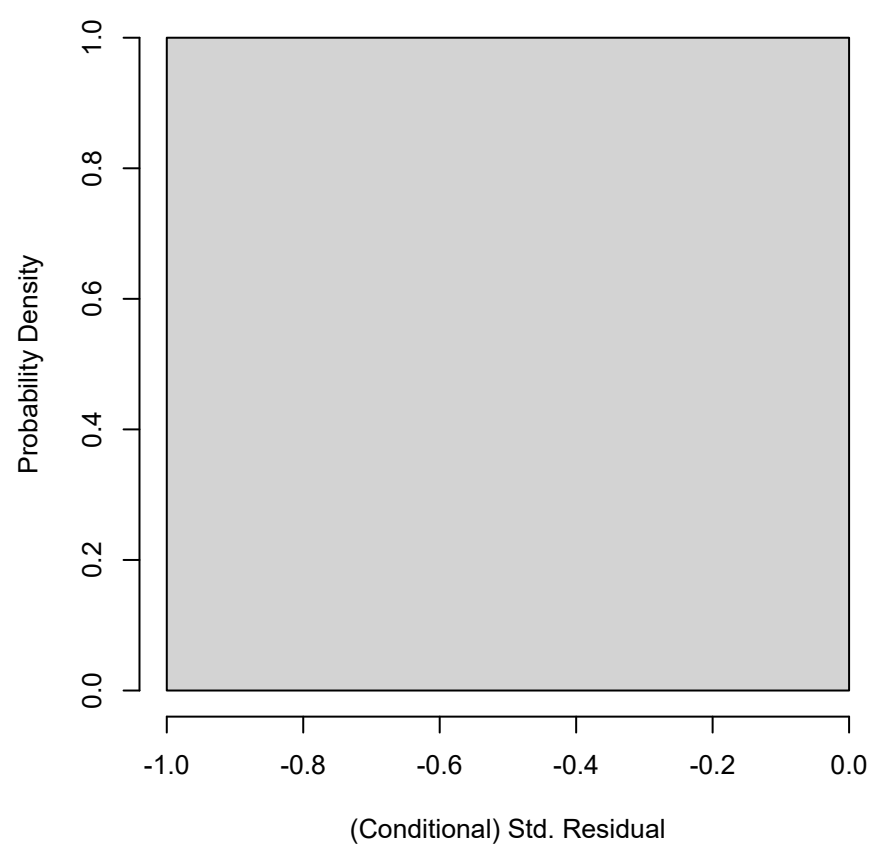
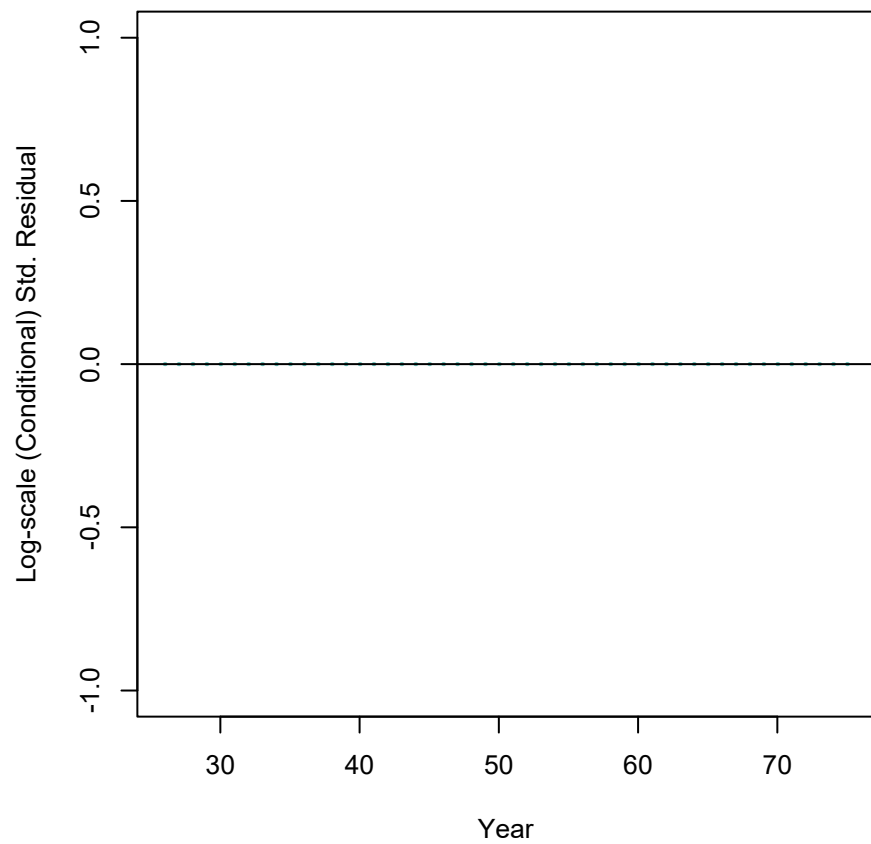
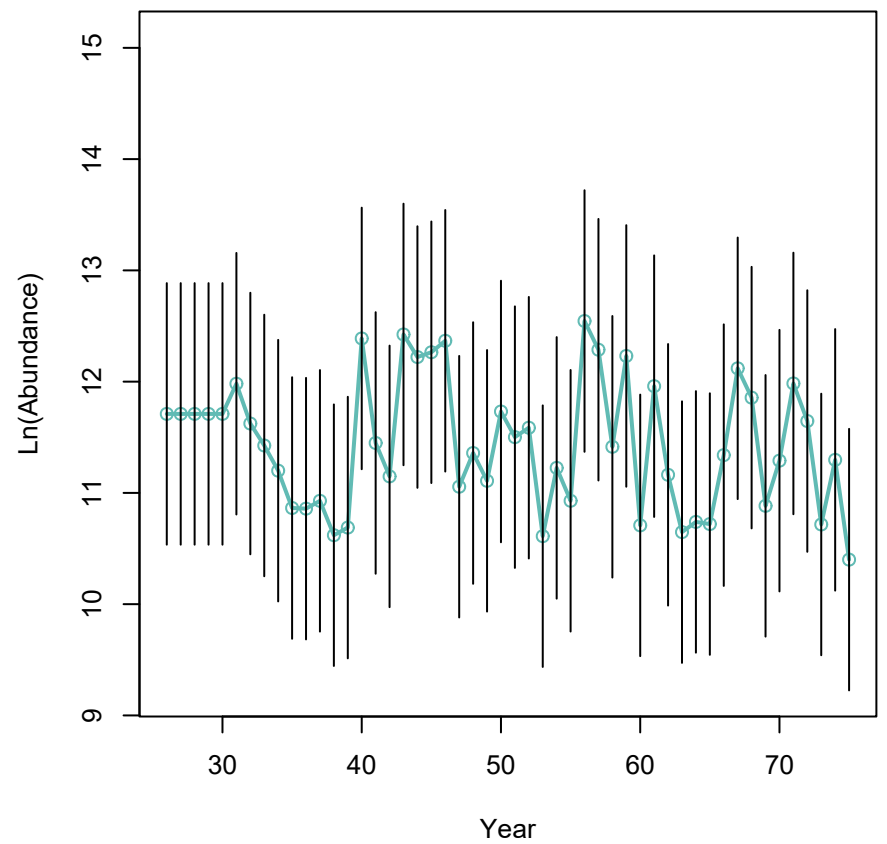
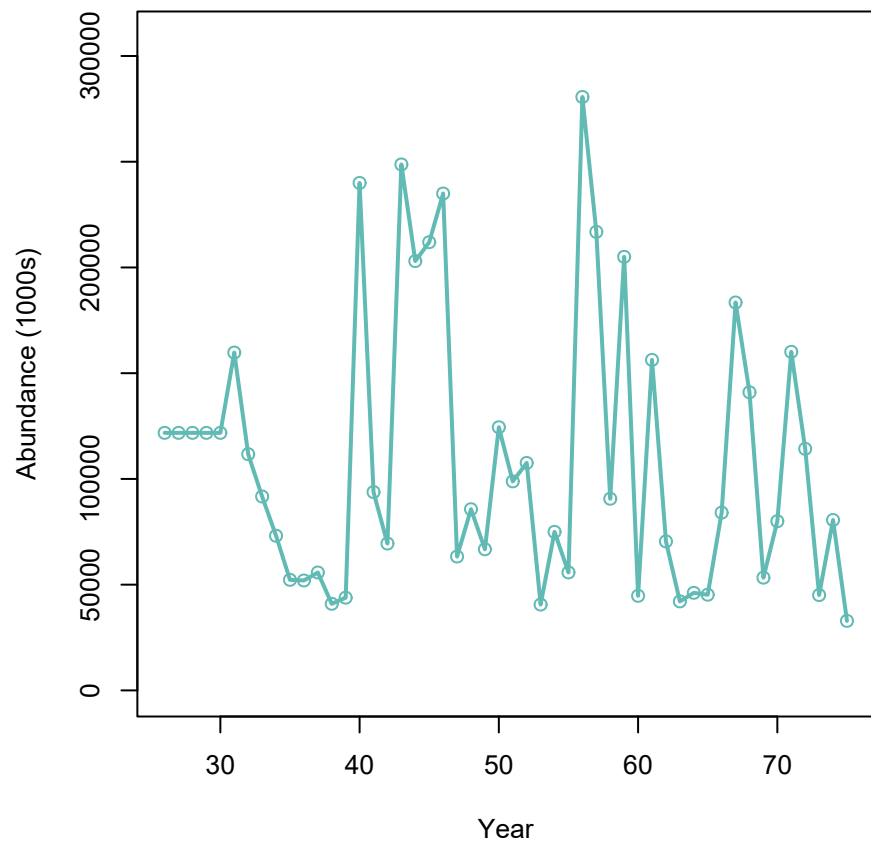
Conditional Expected and Posterior Estimates of Age 3 Abundance



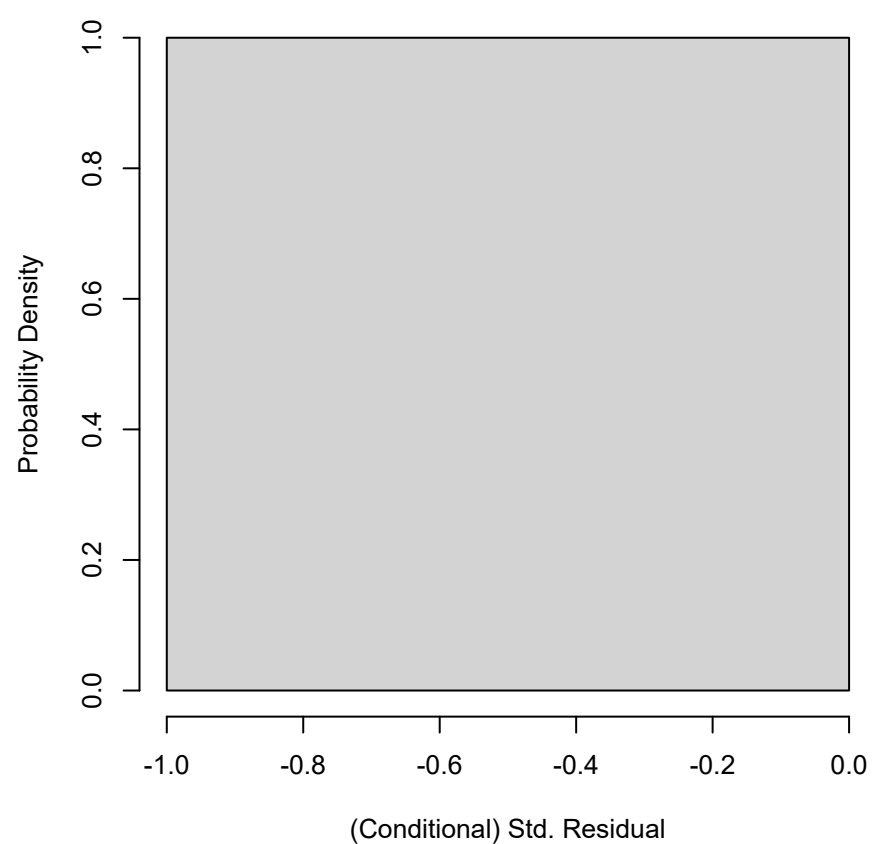
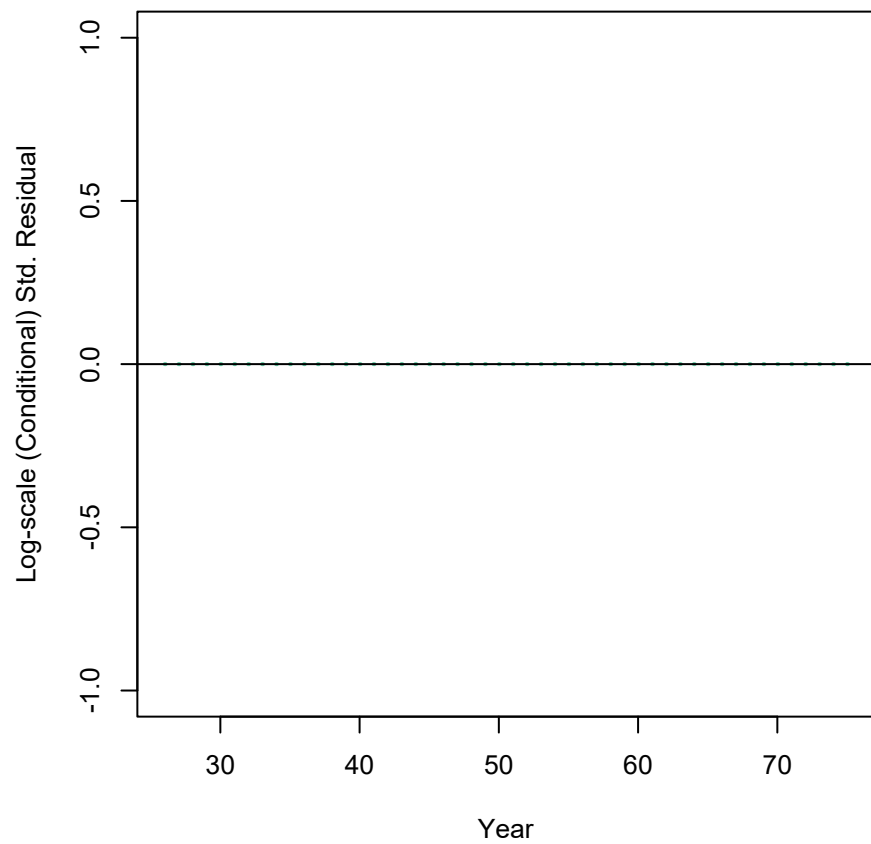
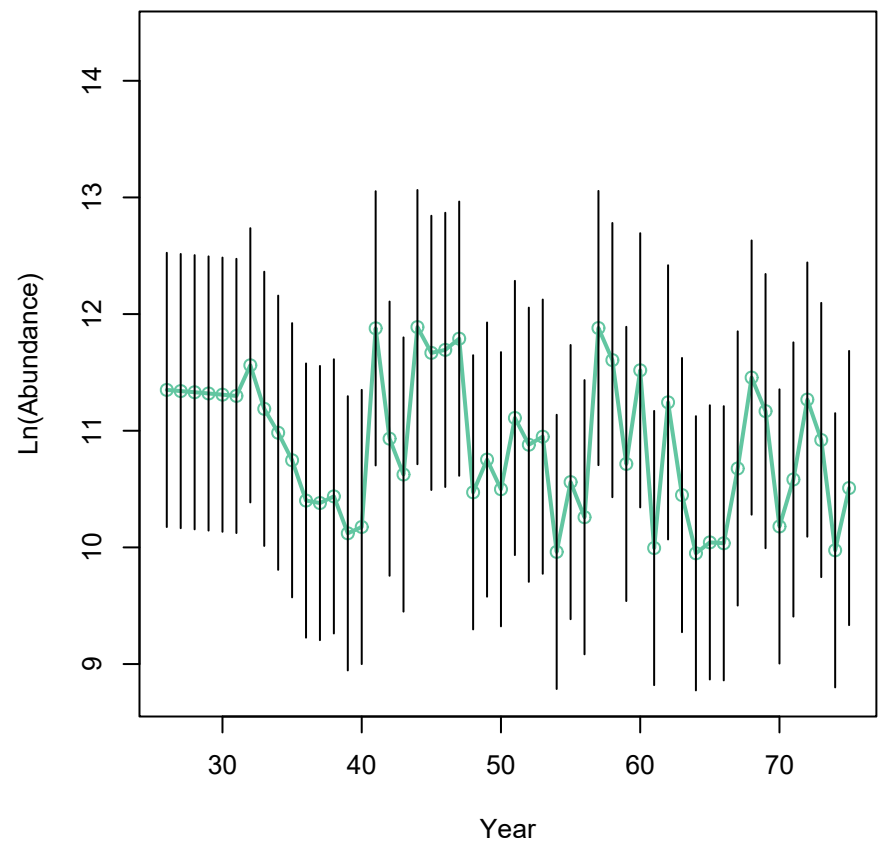
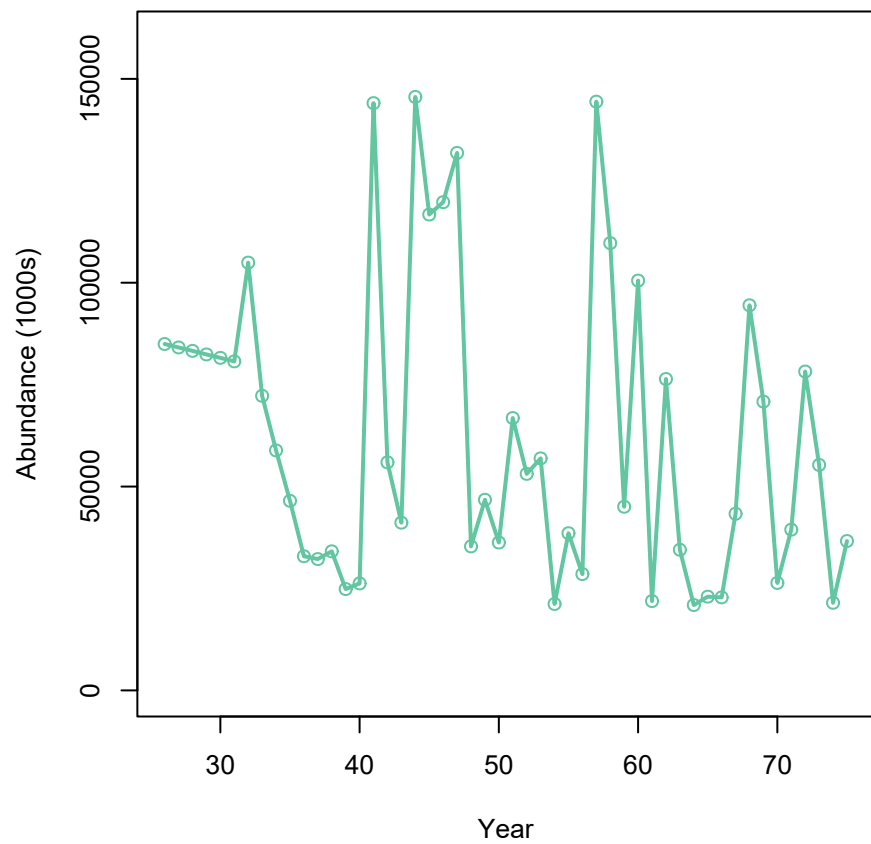
Conditional Expected and Posterior Estimates of Age 4 Abundance



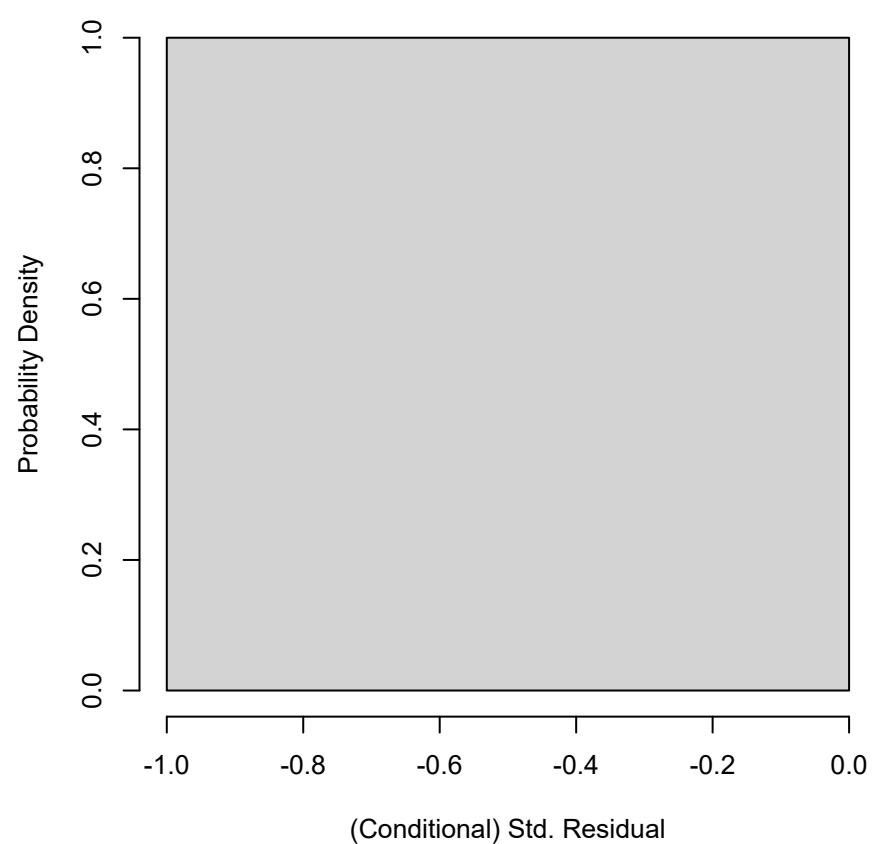
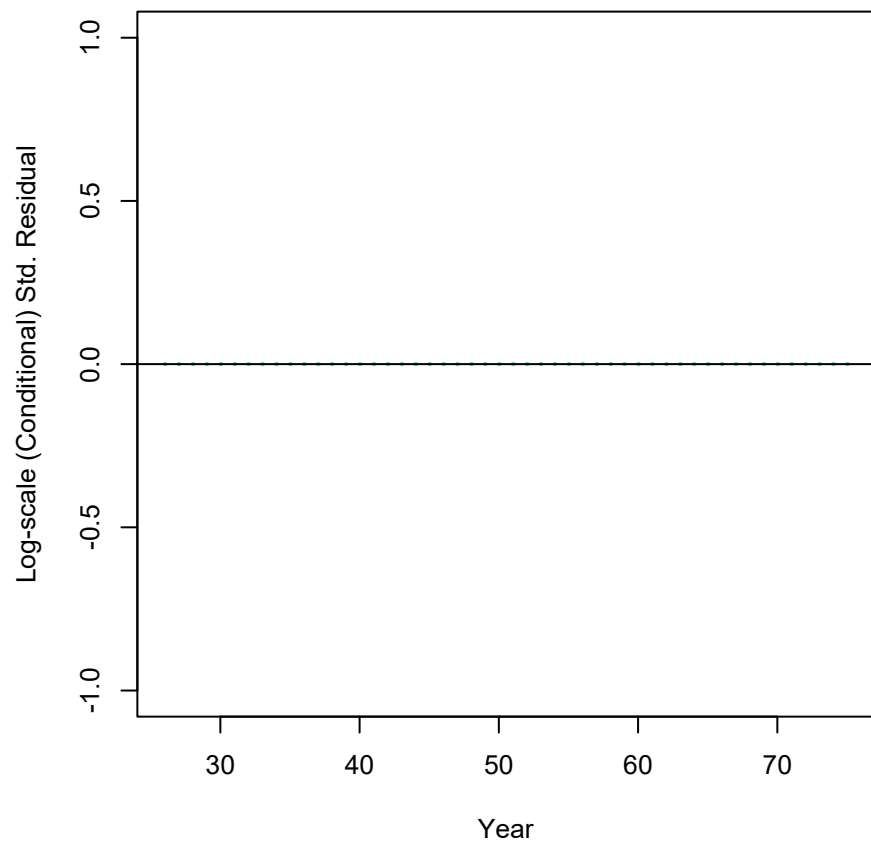
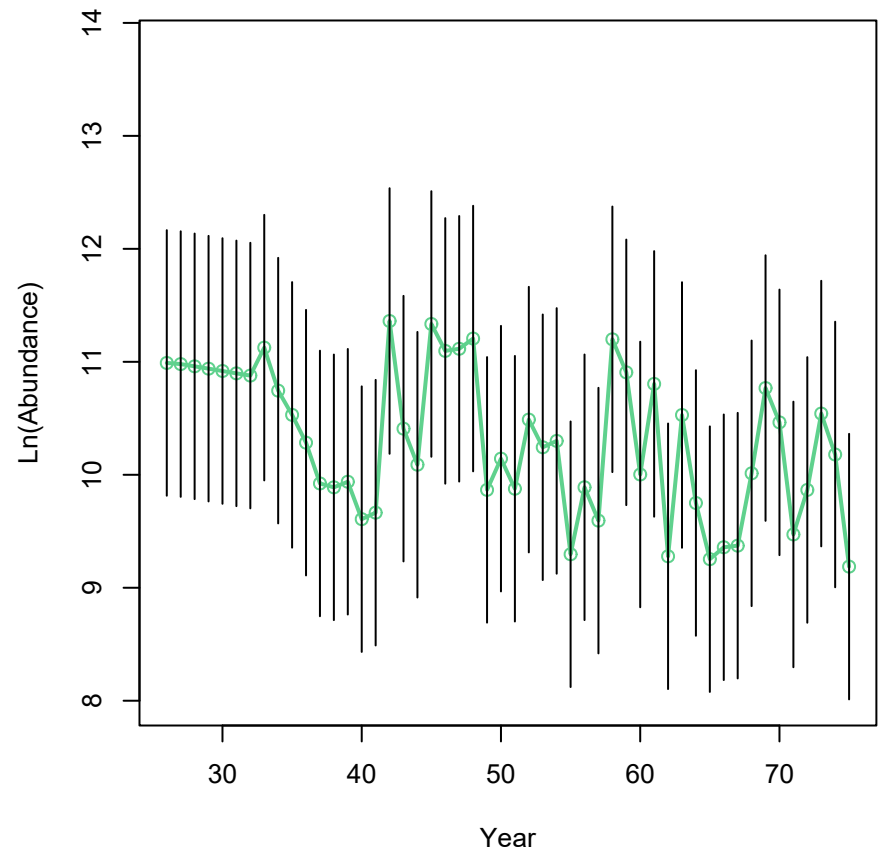
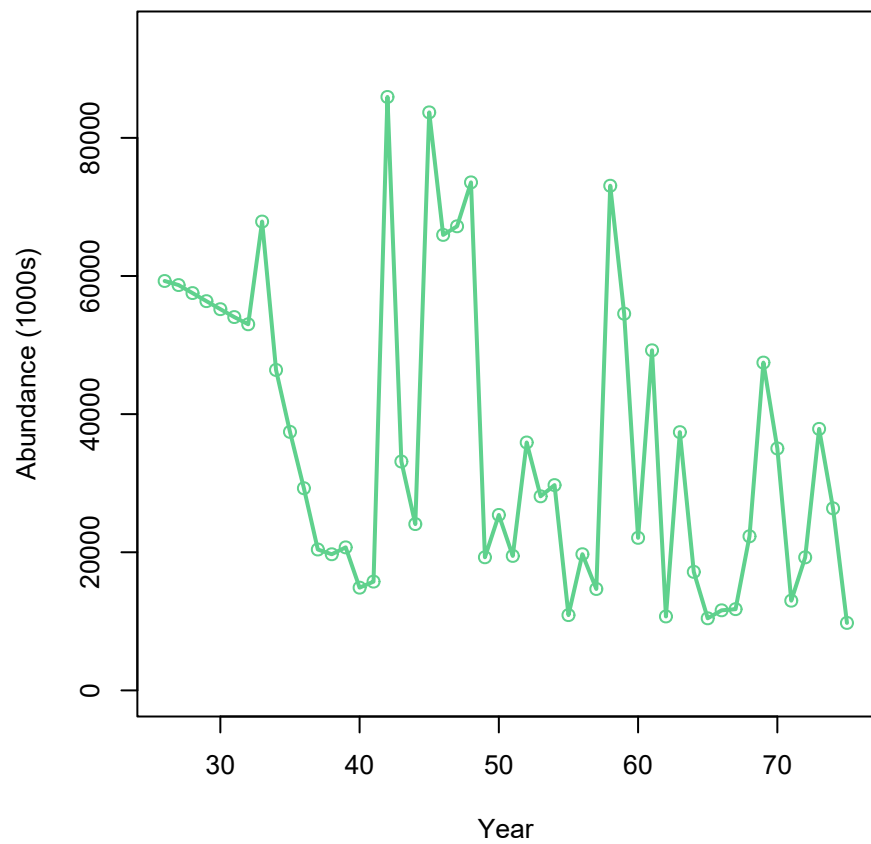
Conditional Expected and Posterior Estimates of Age 5 Abundance



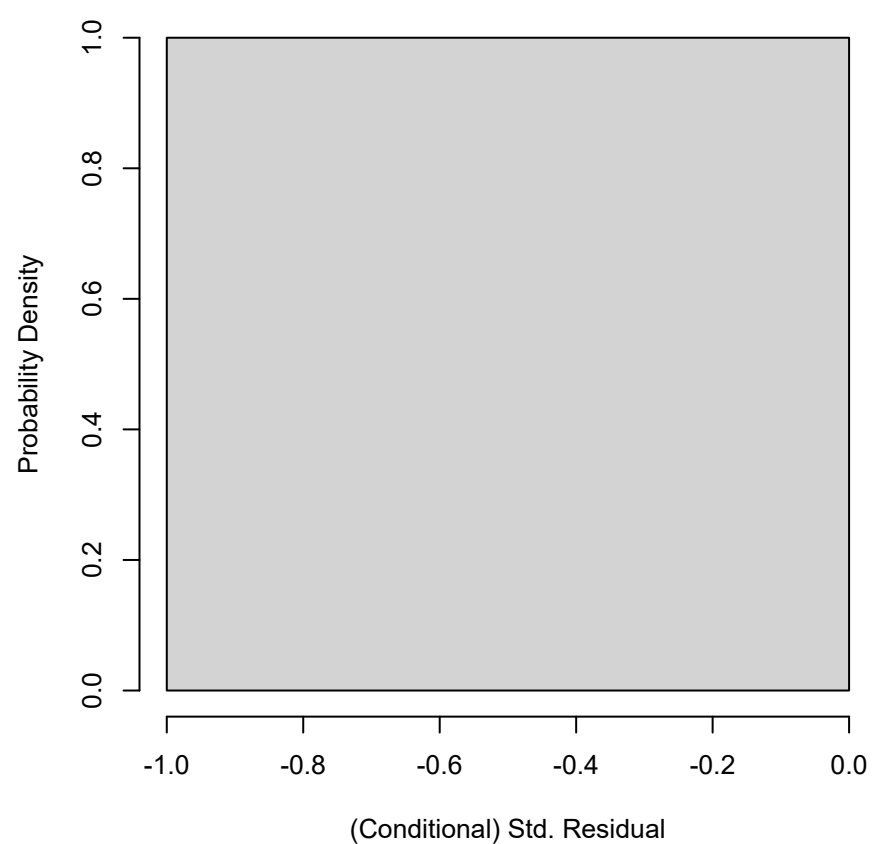
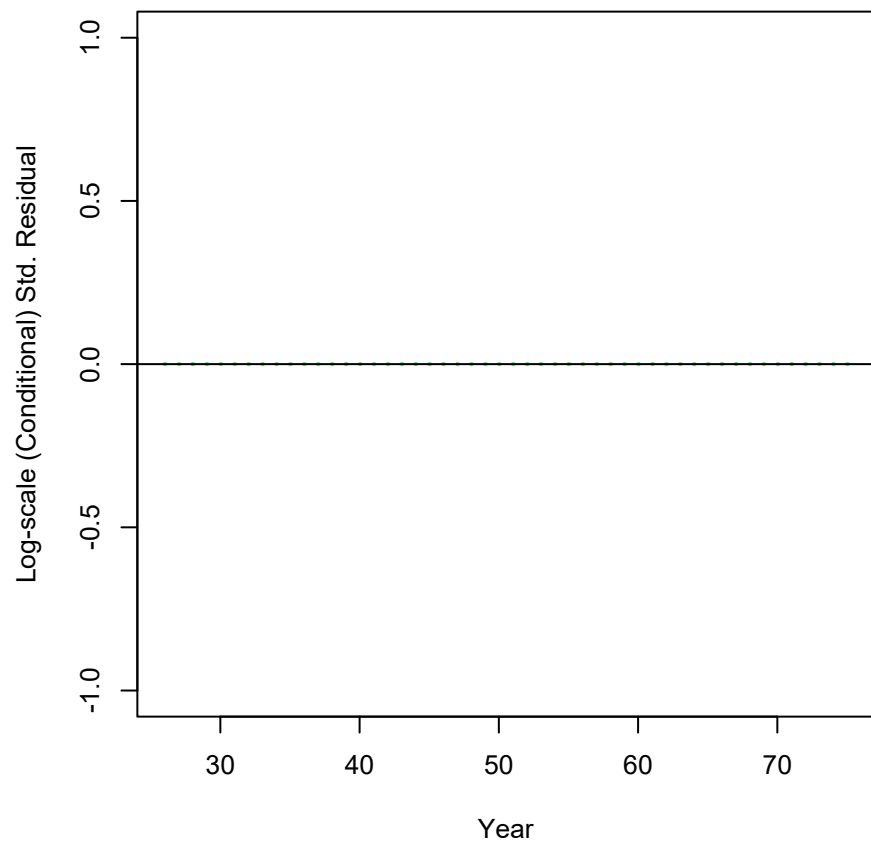
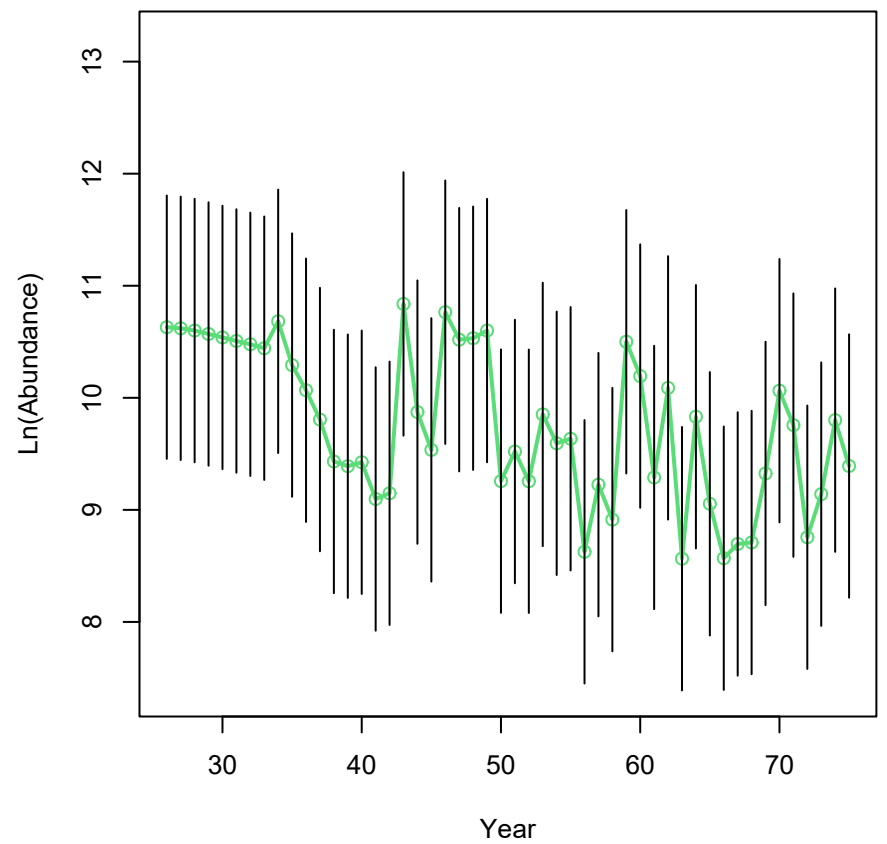
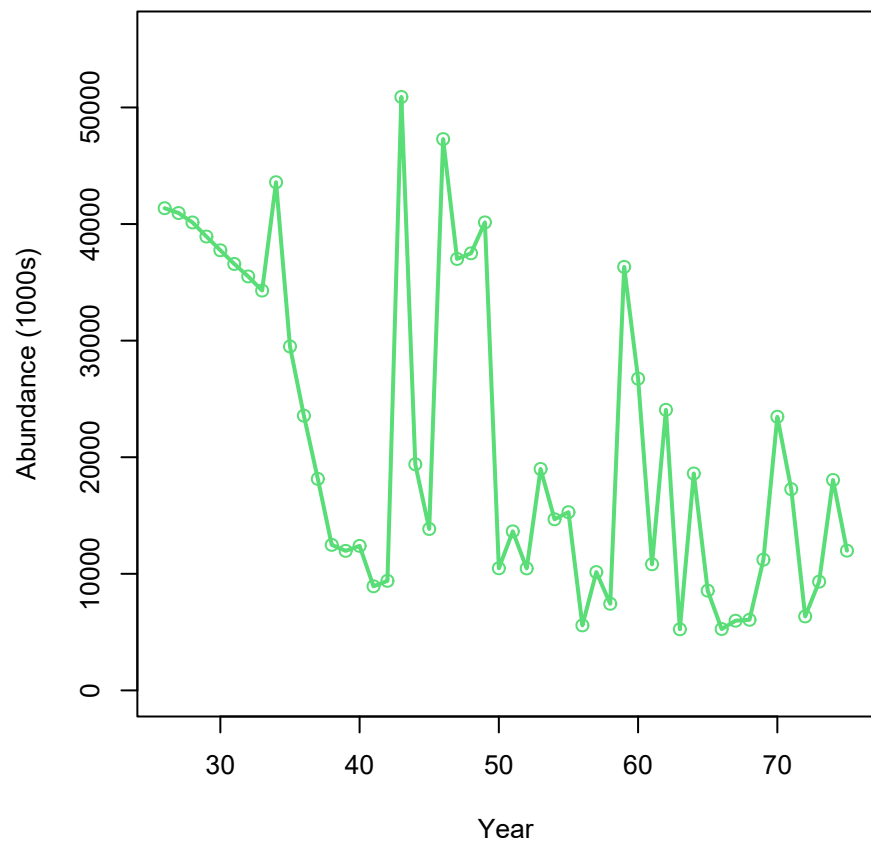
Conditional Expected and Posterior Estimates of Age 6 Abundance



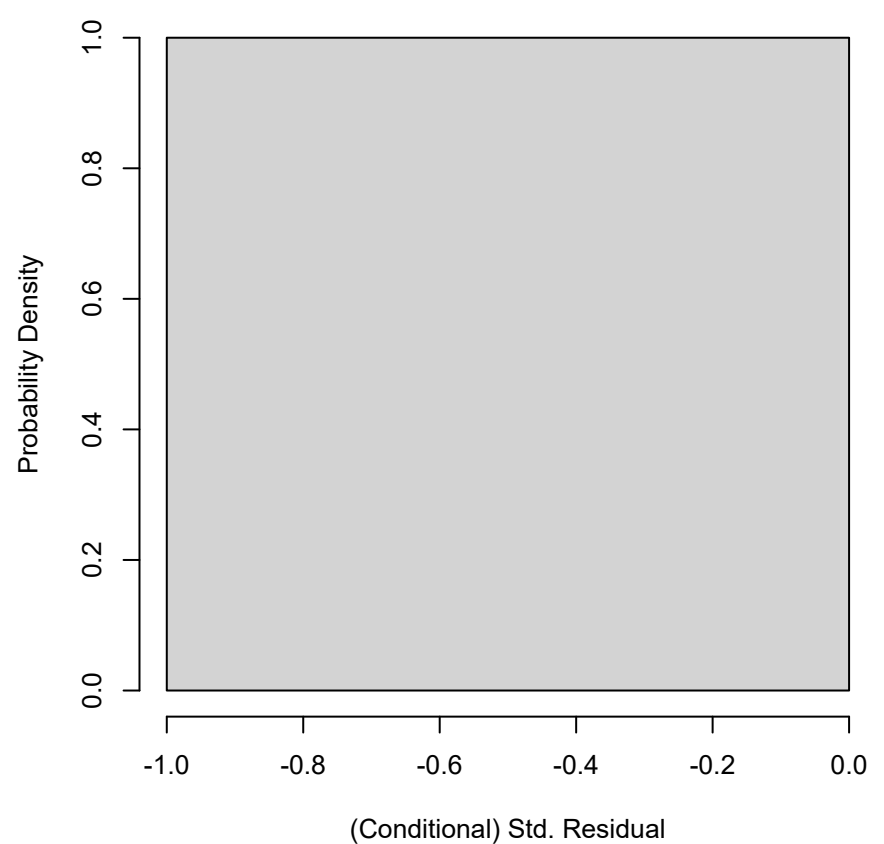
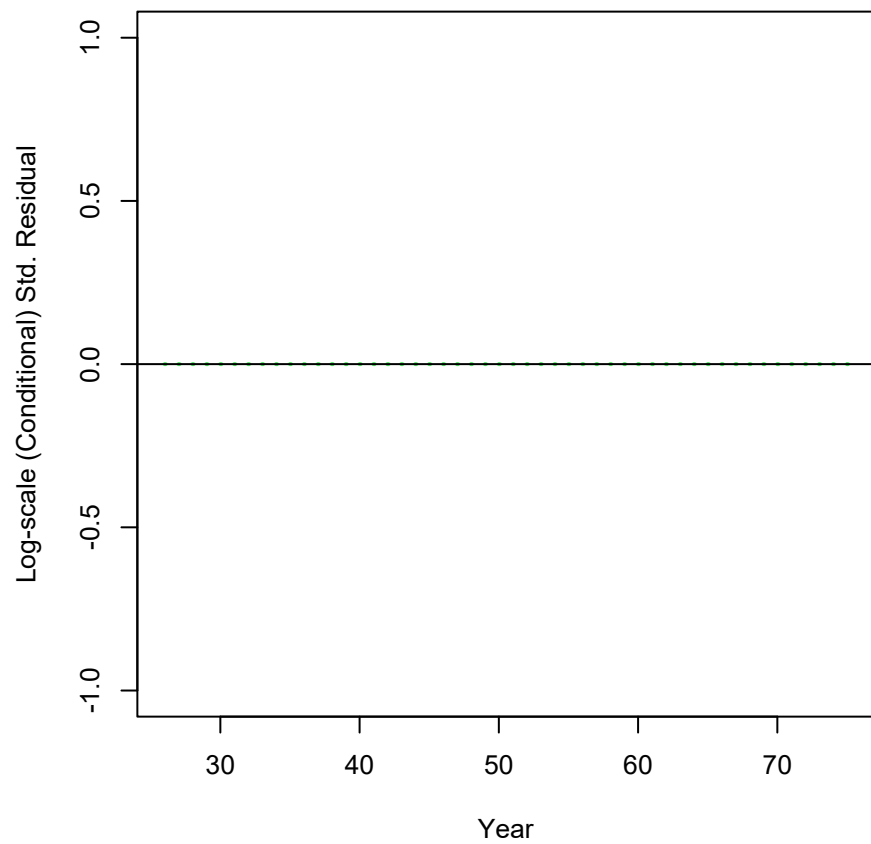
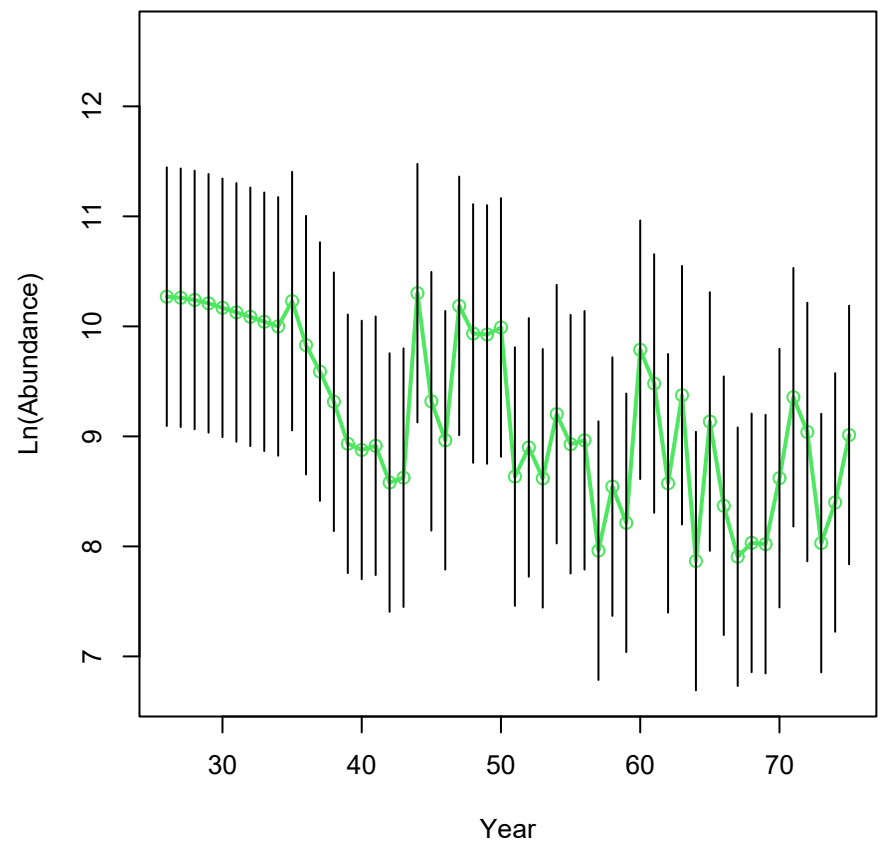
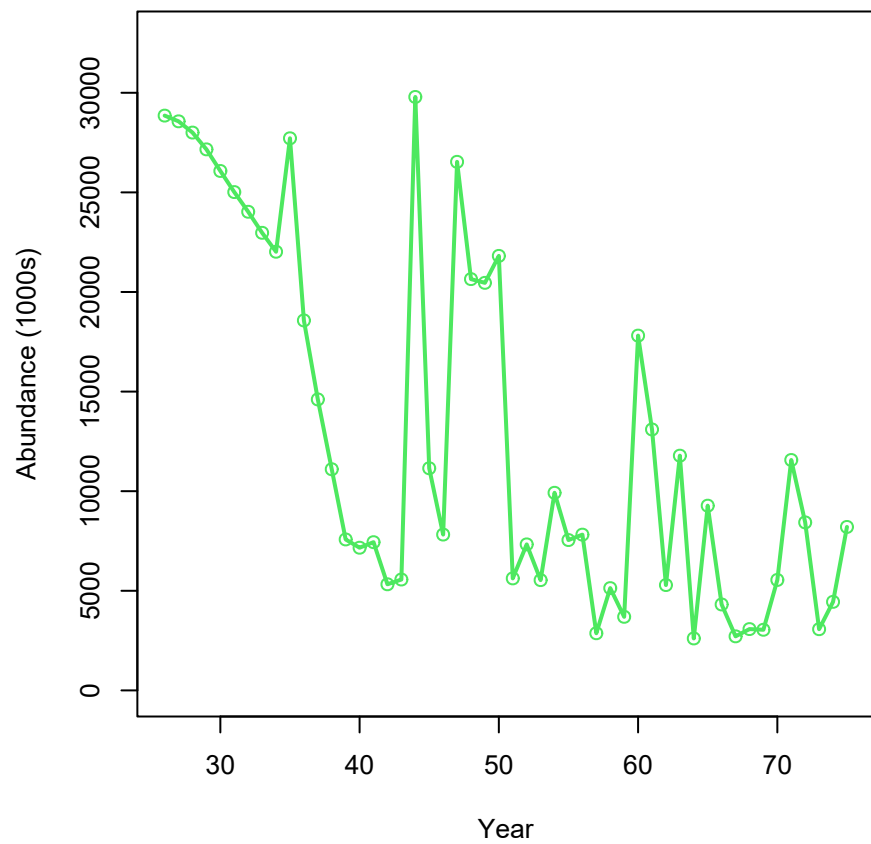
Conditional Expected and Posterior Estimates of Age 7 Abundance



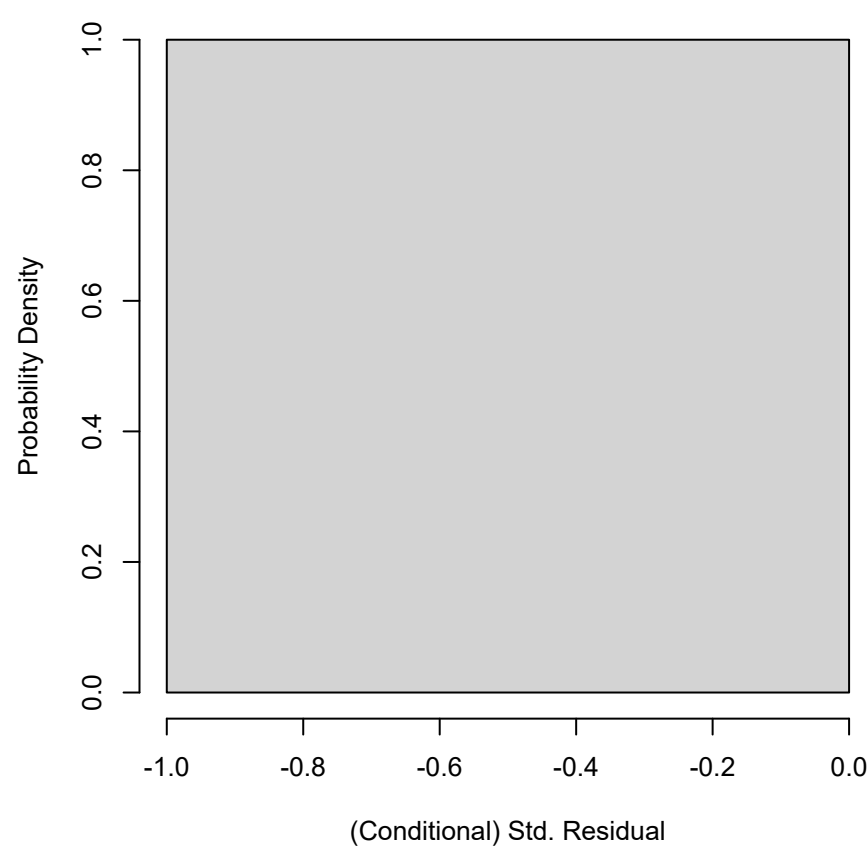
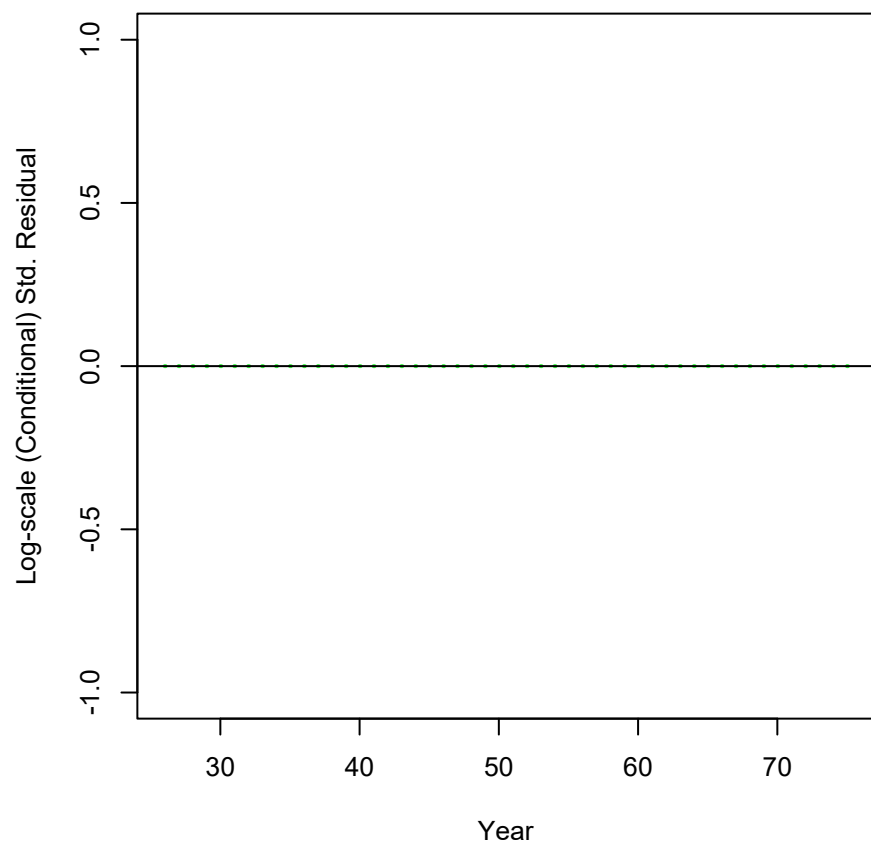
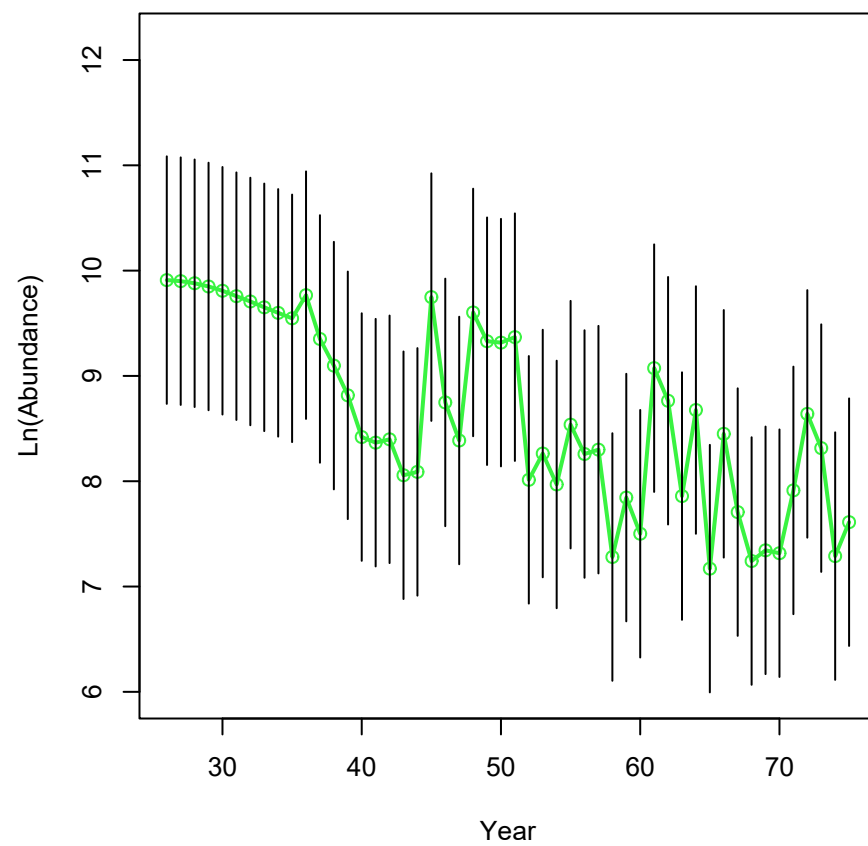
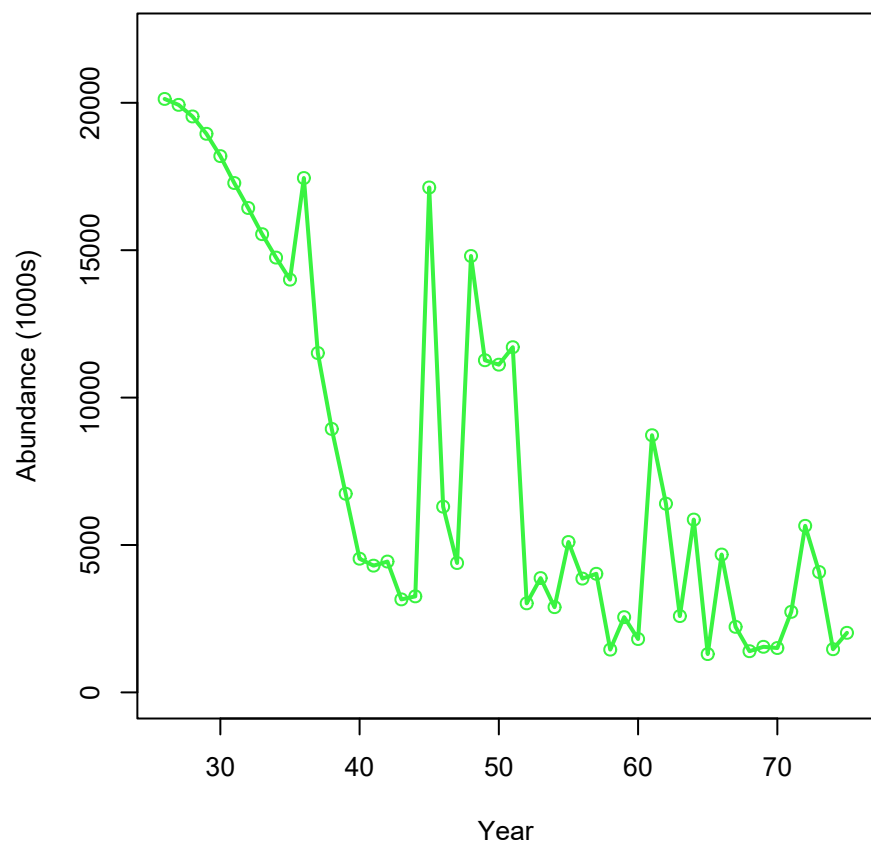
Conditional Expected and Posterior Estimates of Age 8 Abundance



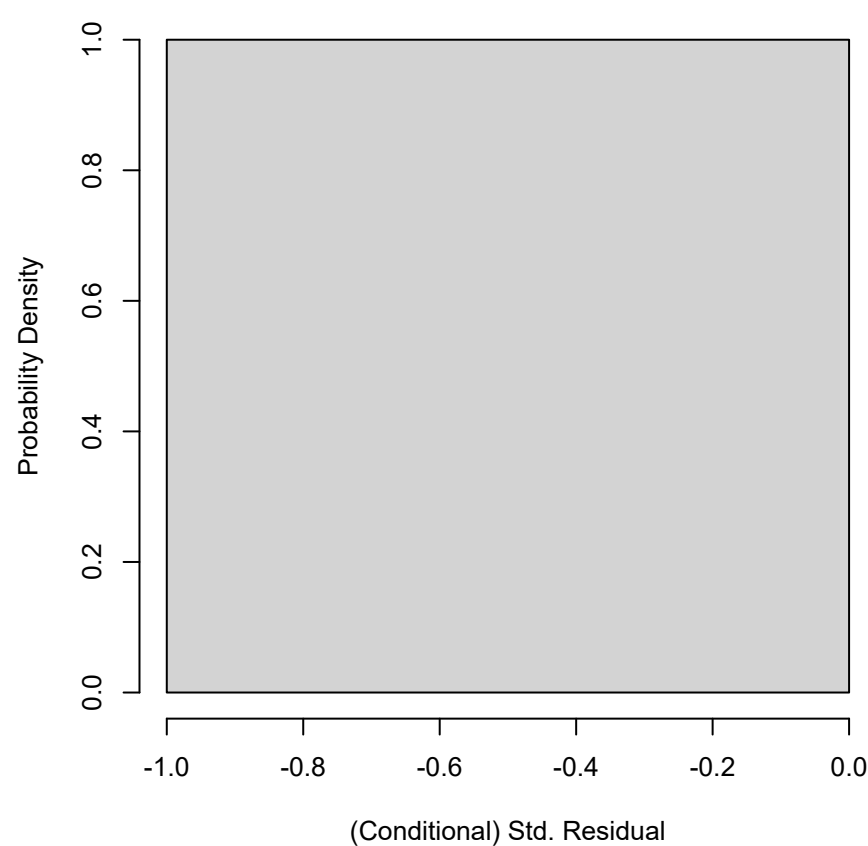
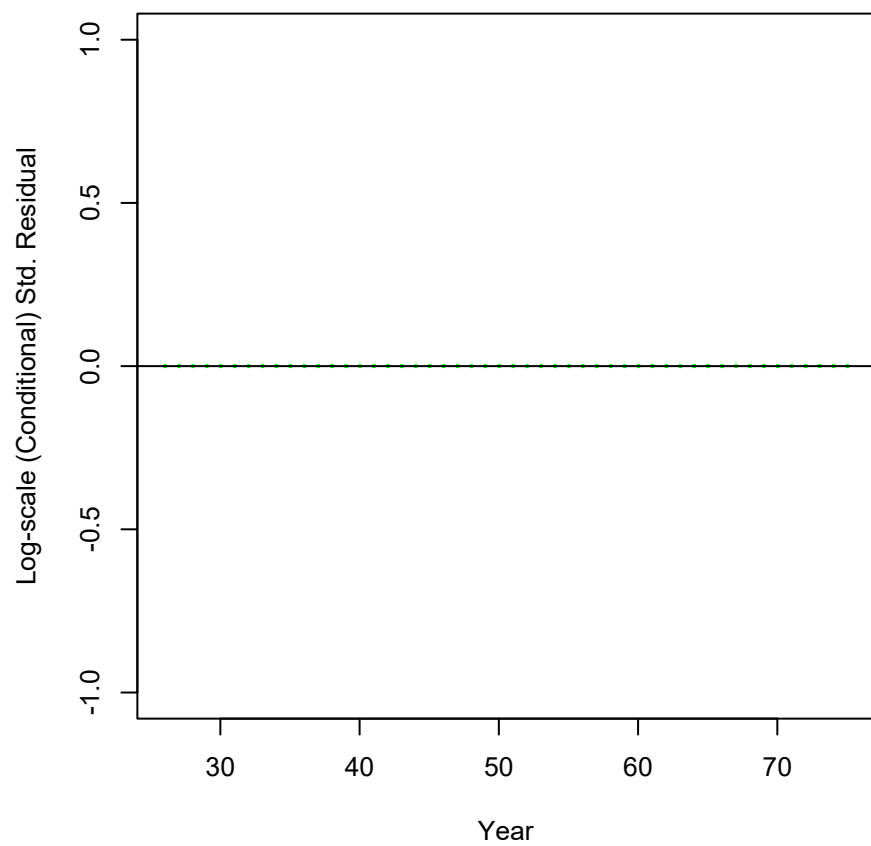
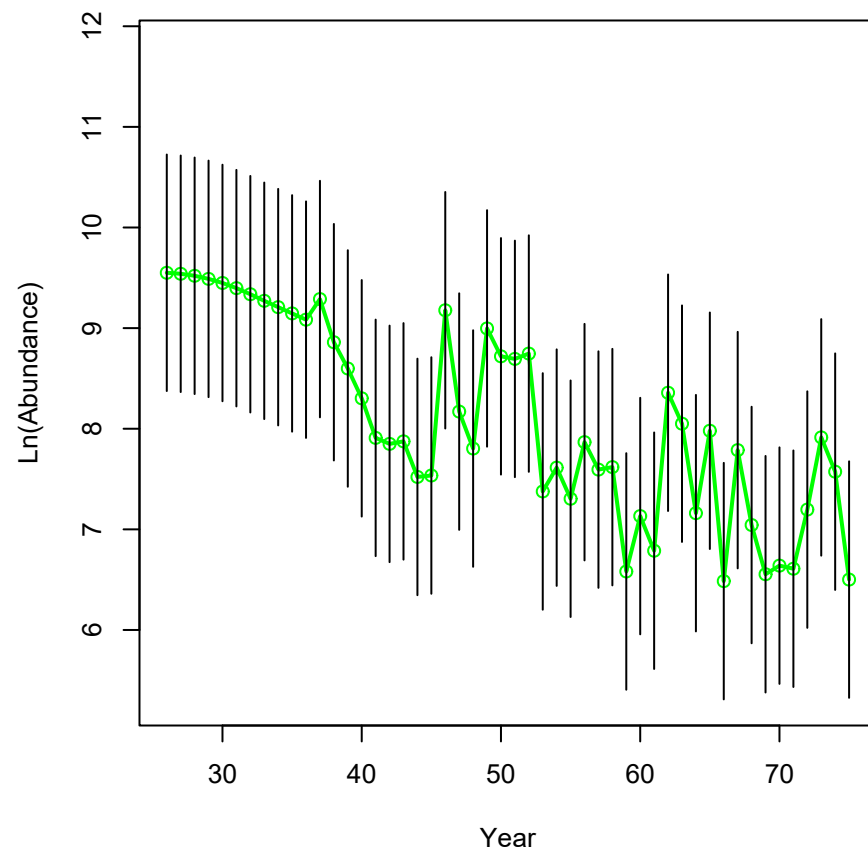
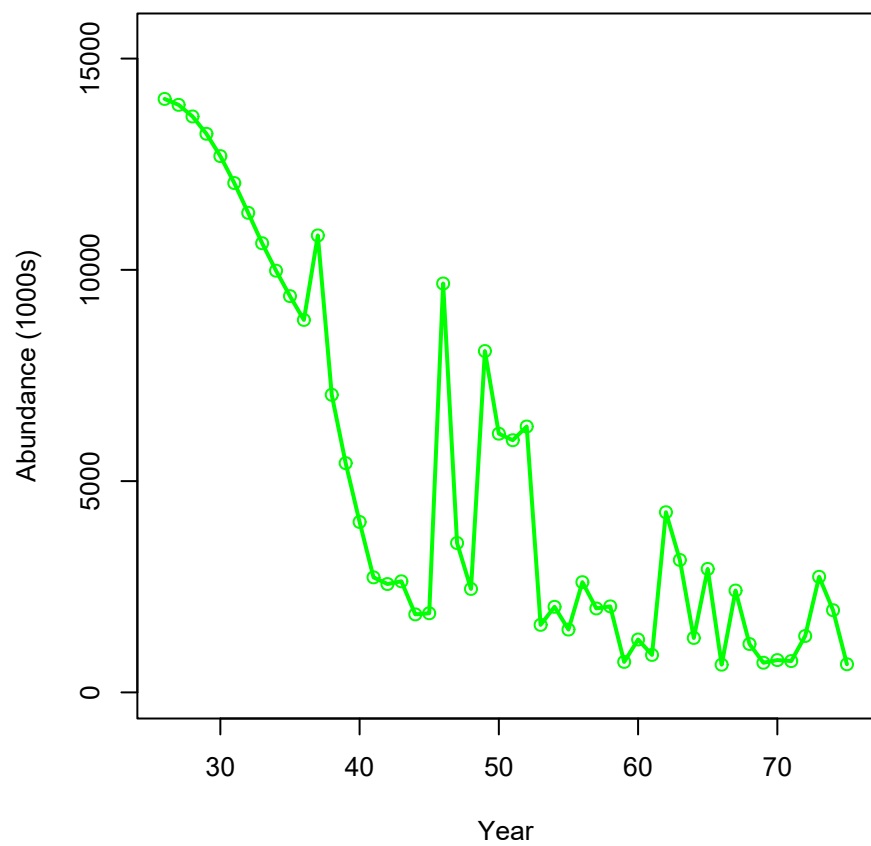
Conditional Expected and Posterior Estimates of Age 9 Abundance



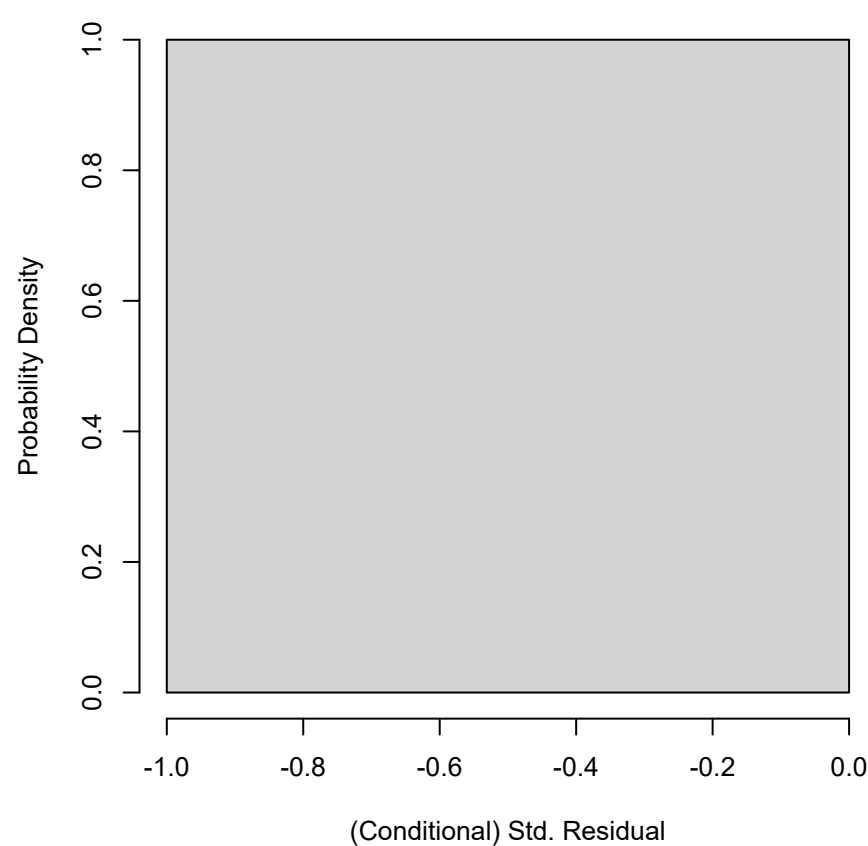
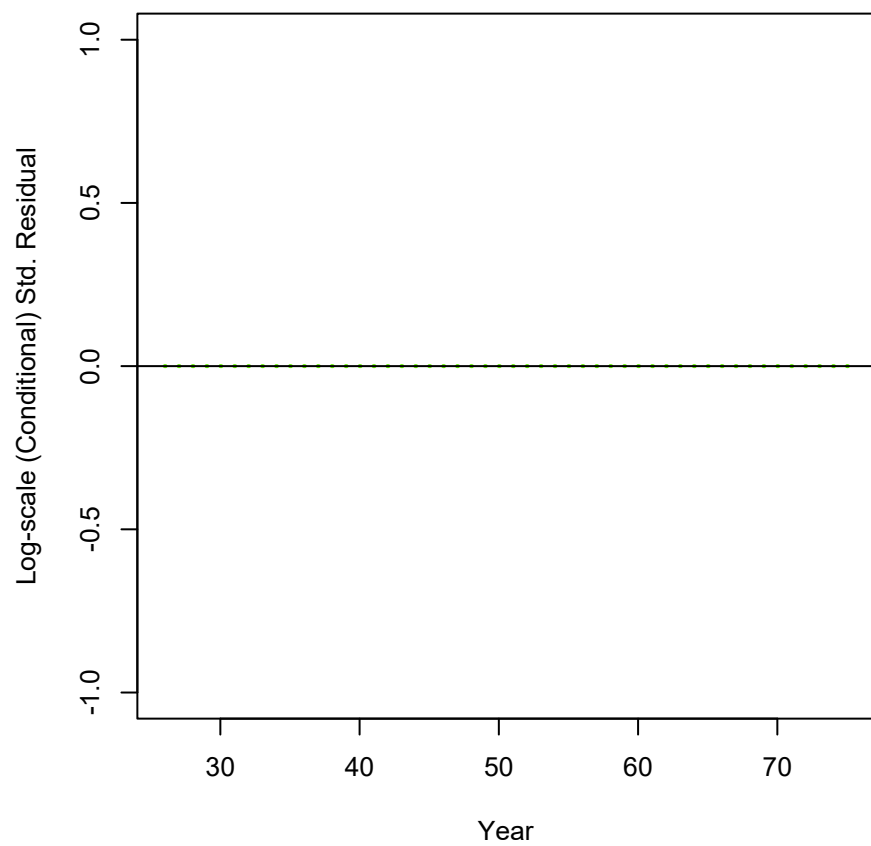
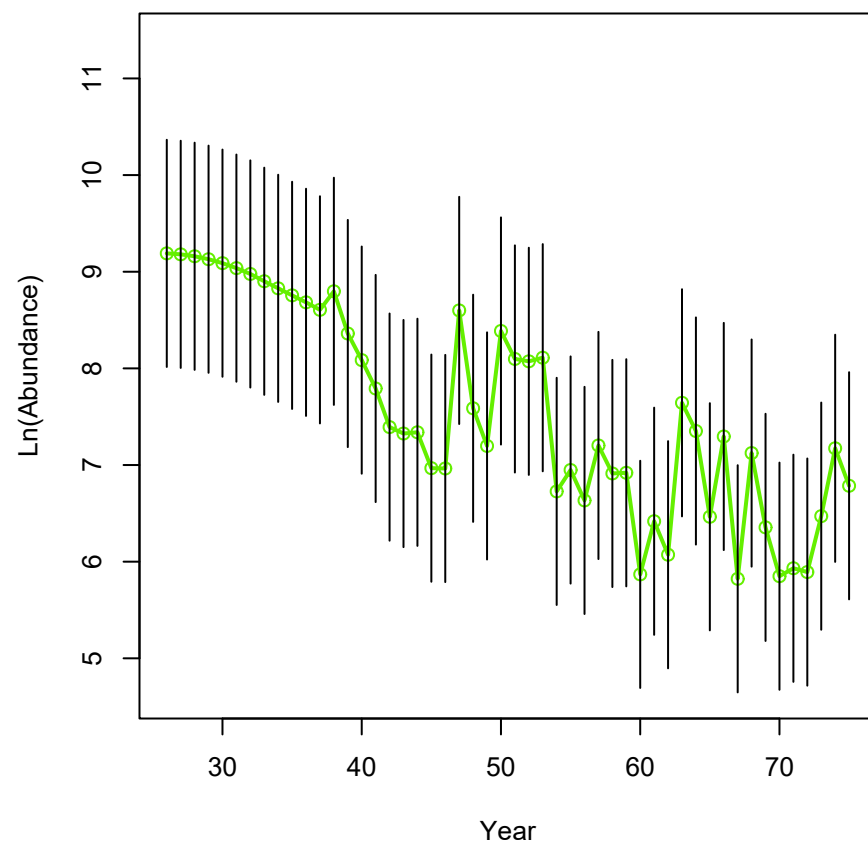
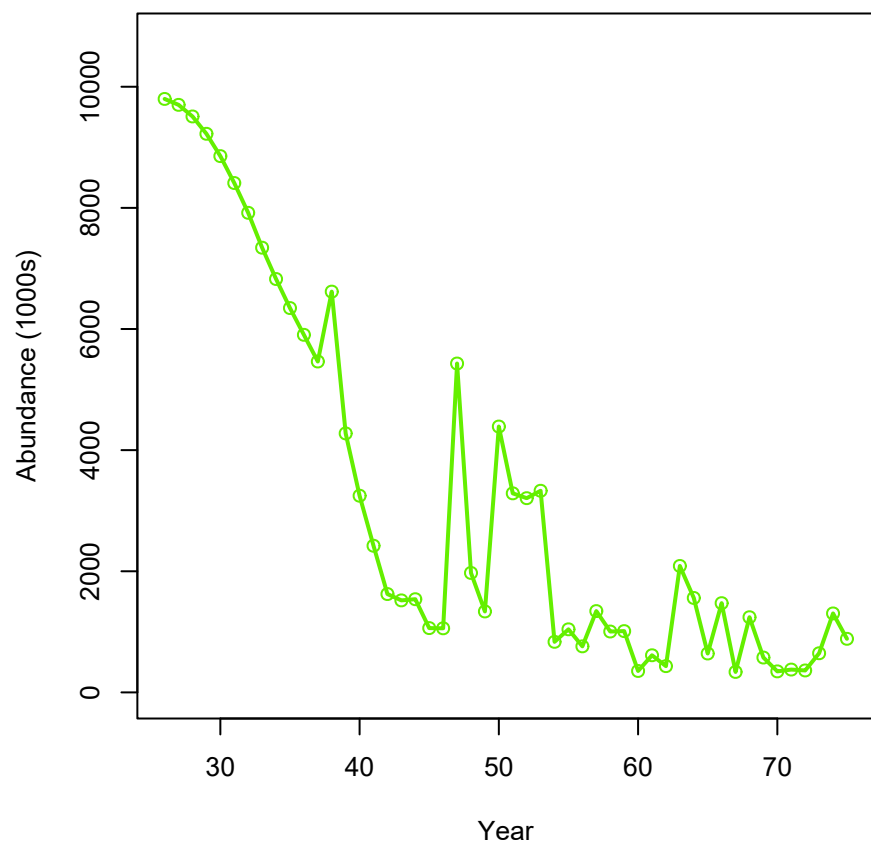
Conditional Expected and Posterior Estimates of Age 10 Abundance



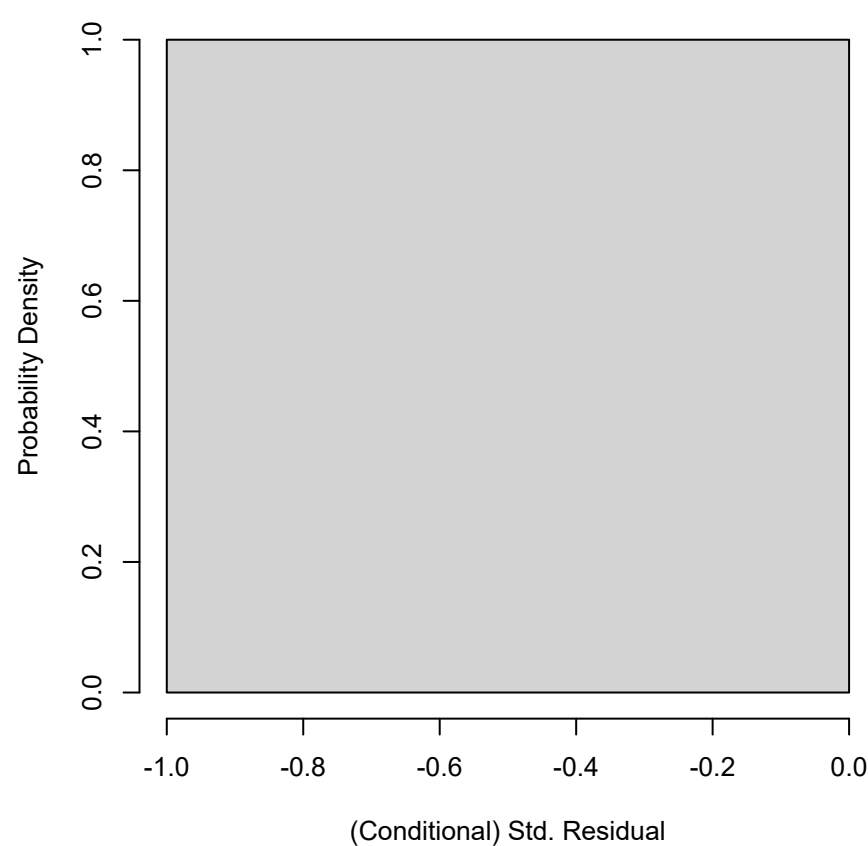
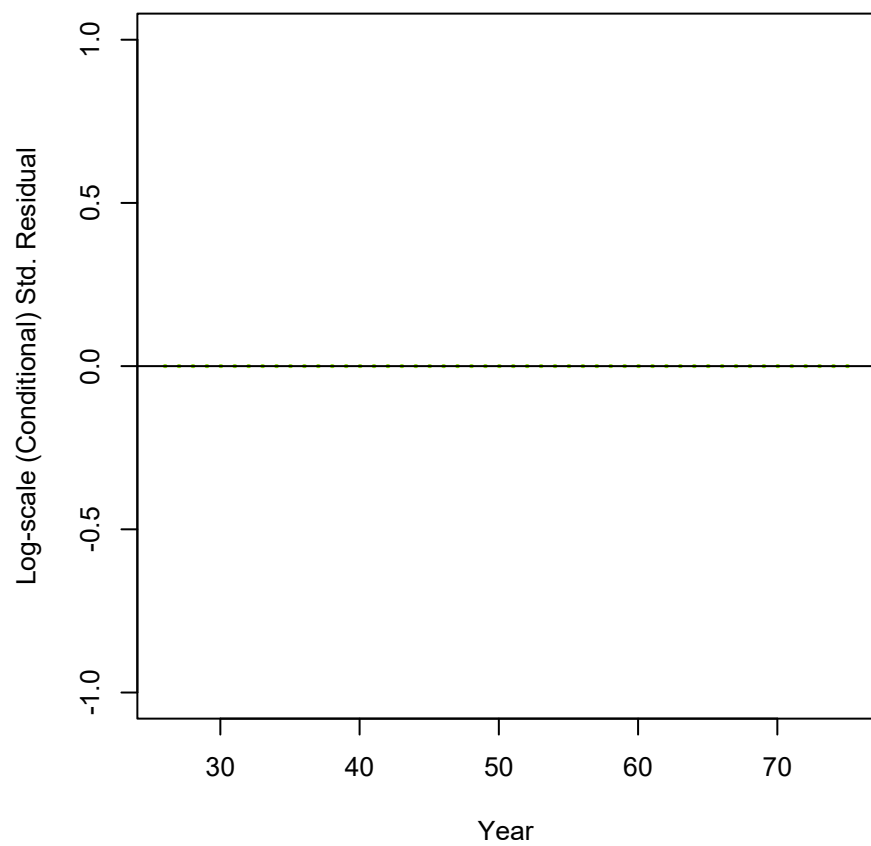
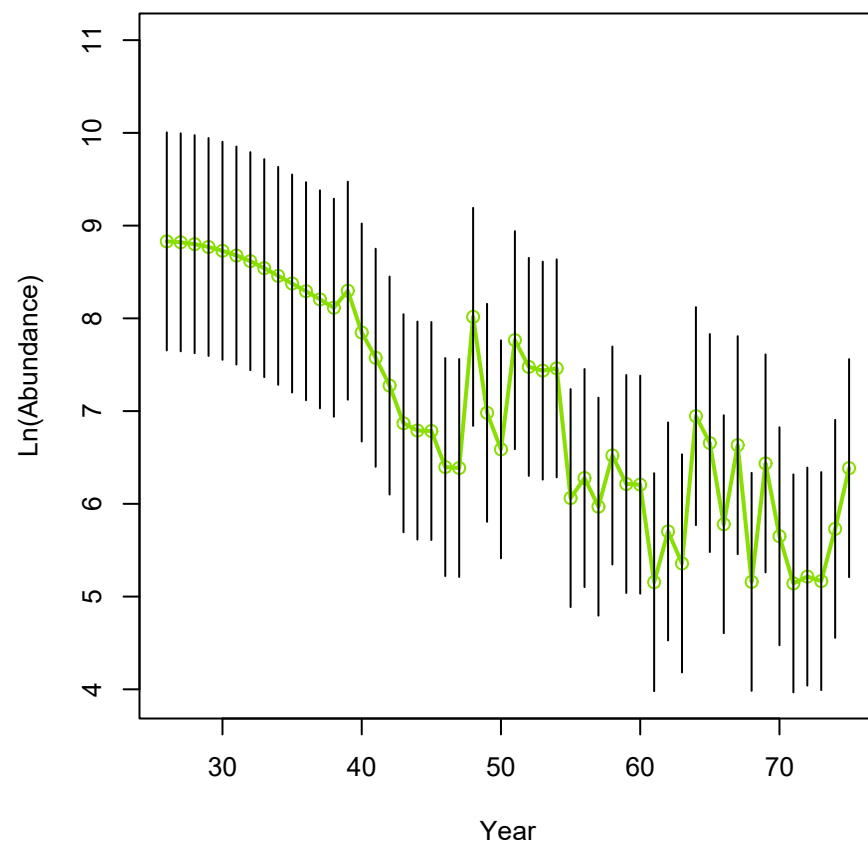
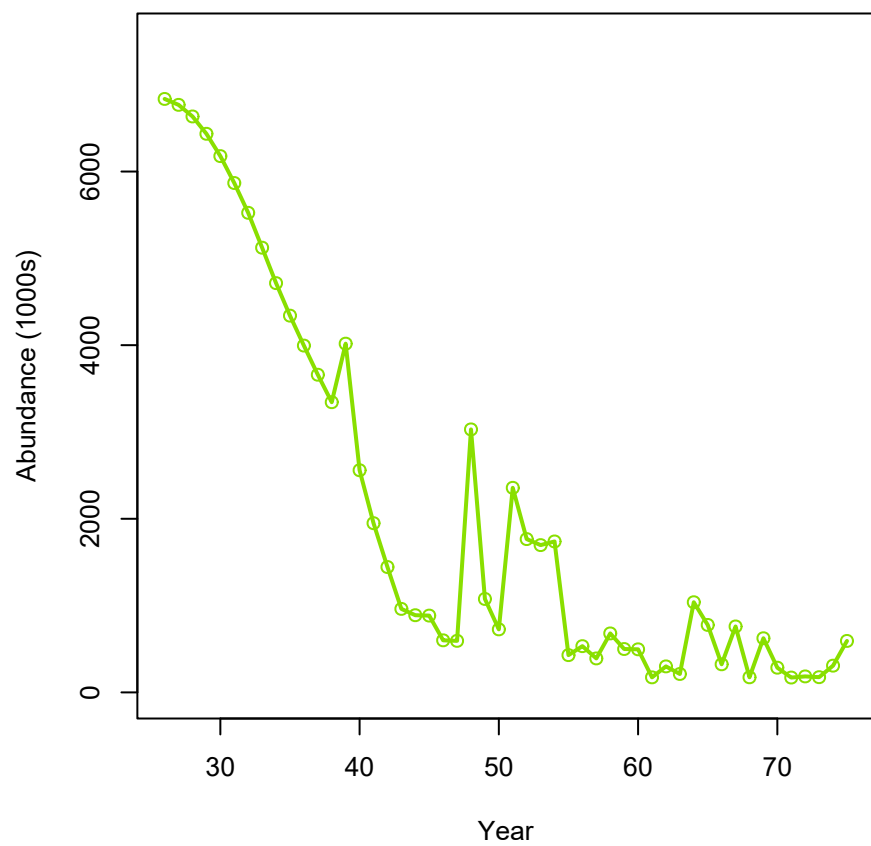
Conditional Expected and Posterior Estimates of Age 11 Abundance



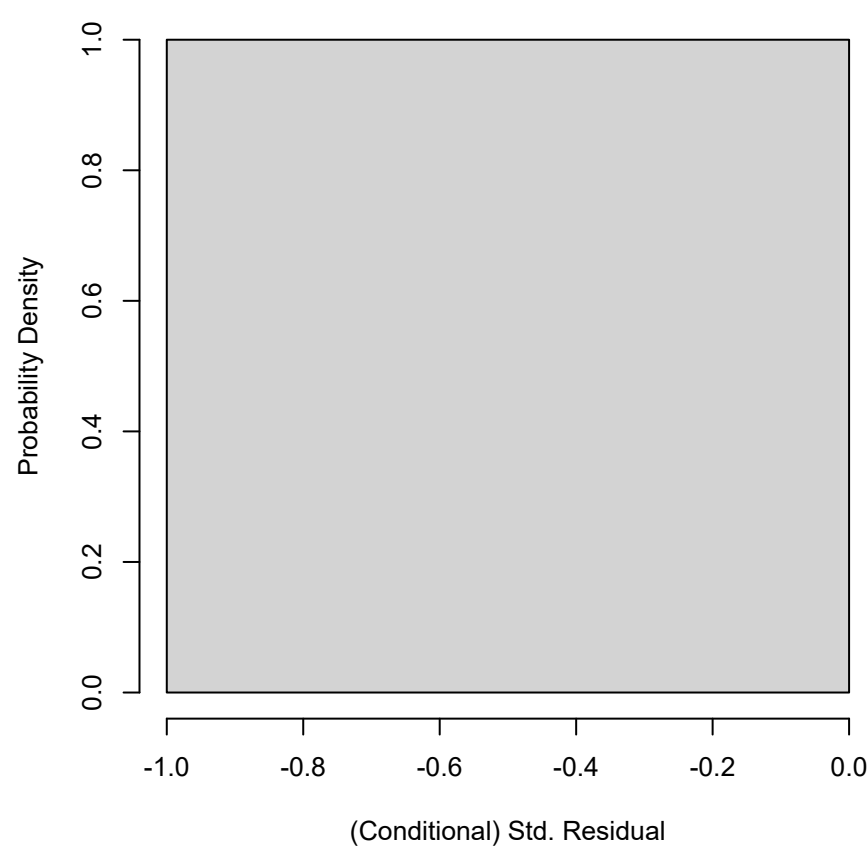
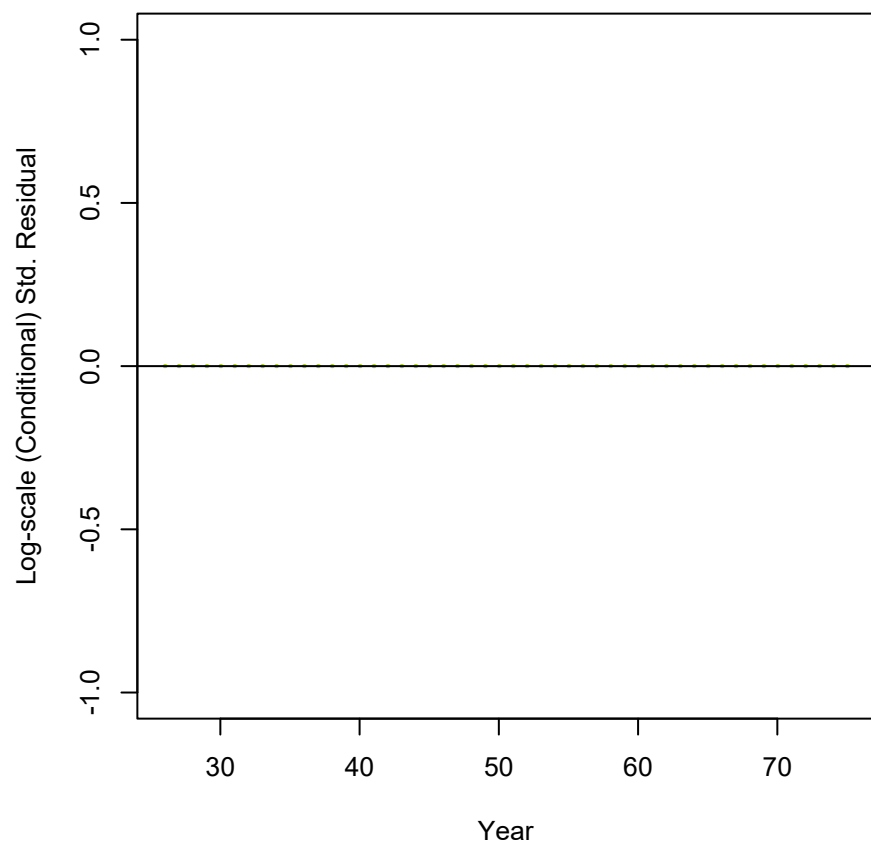
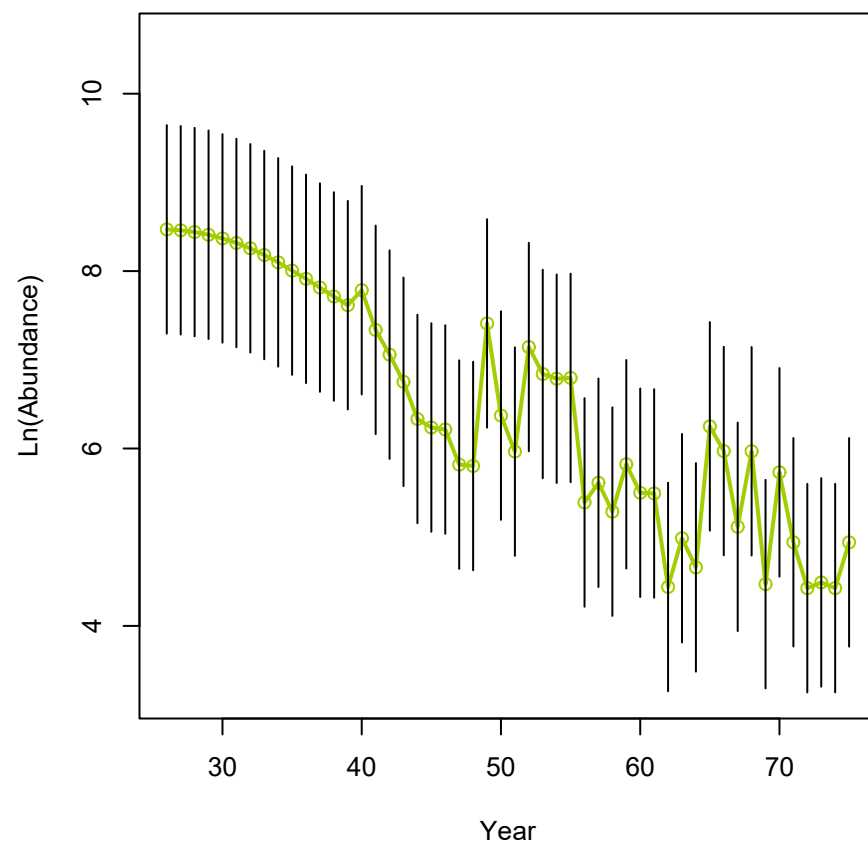
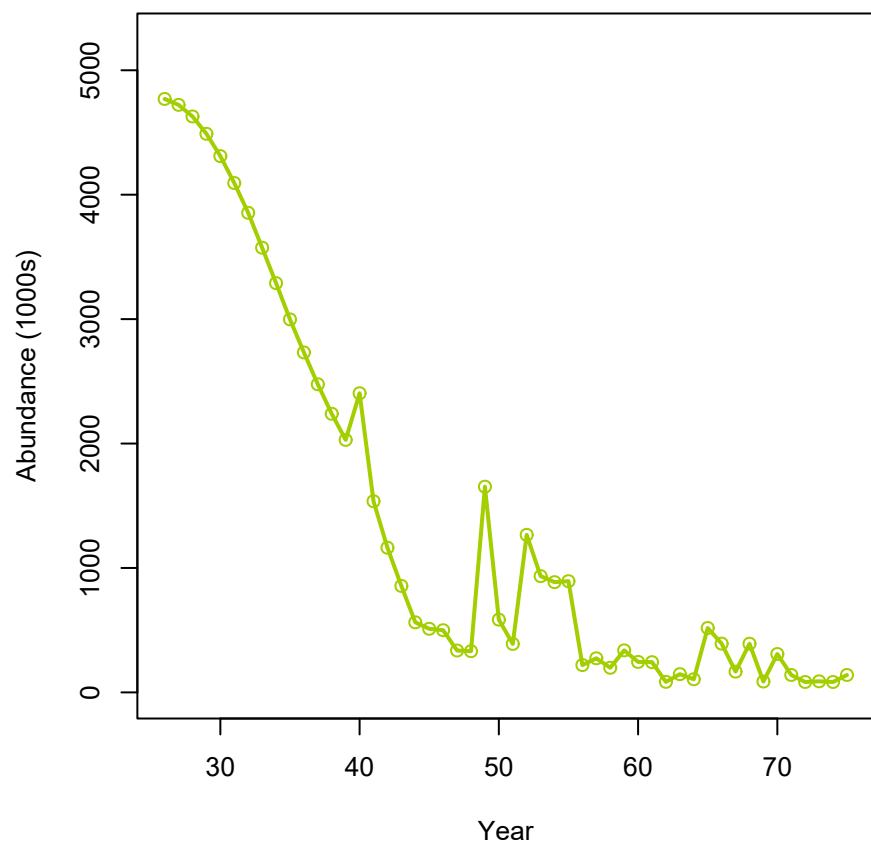
Conditional Expected and Posterior Estimates of Age 12 Abundance



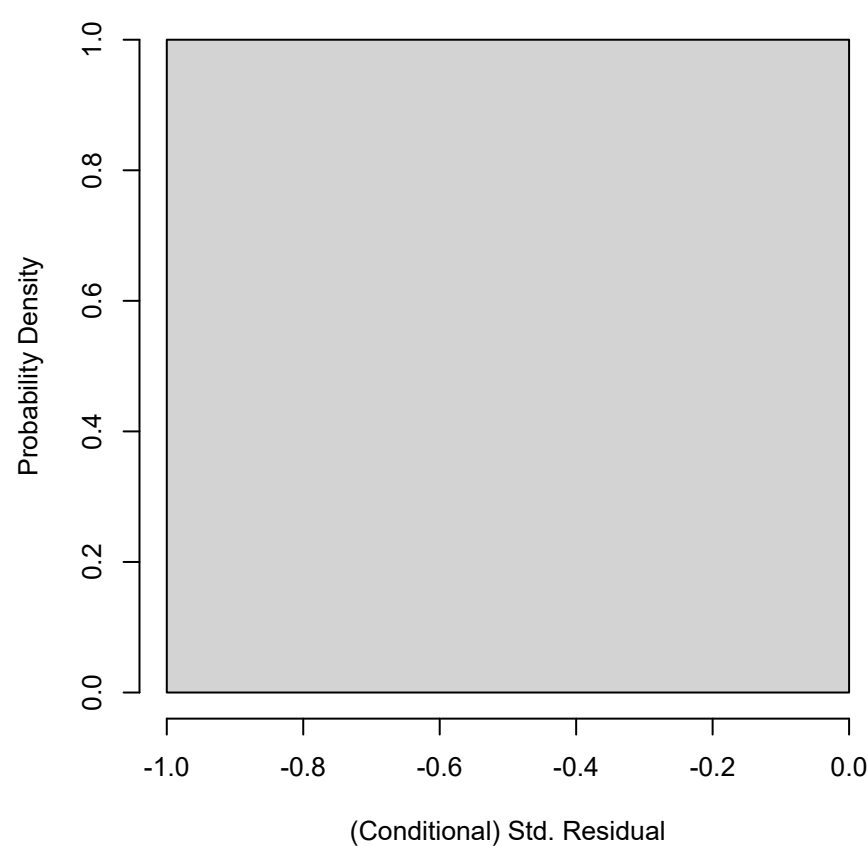
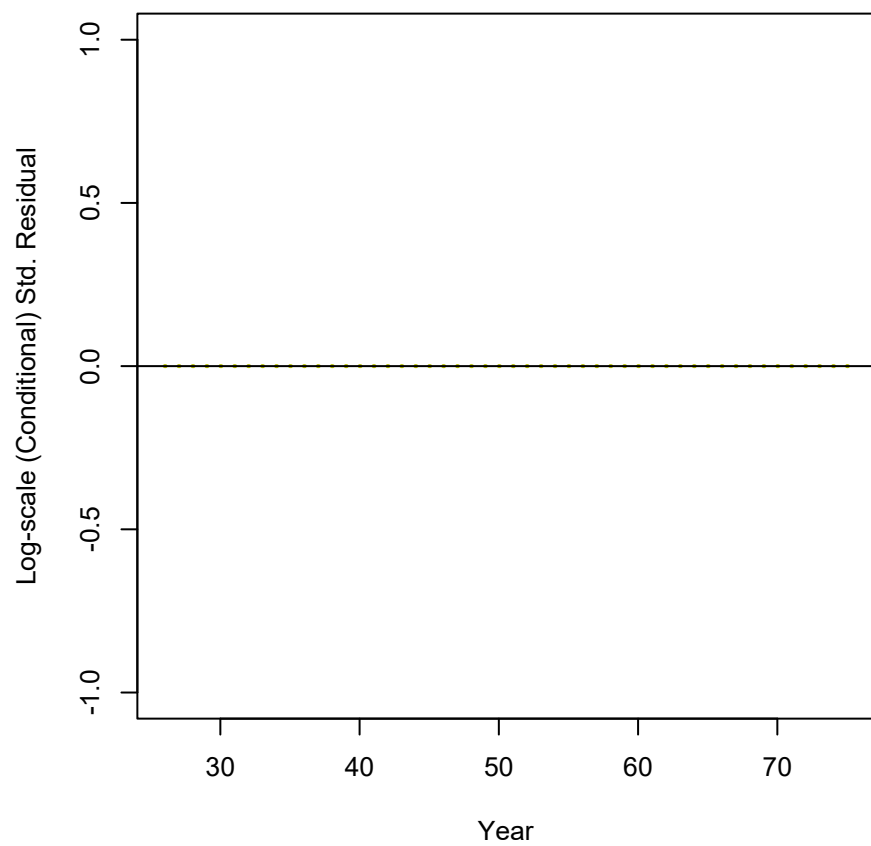
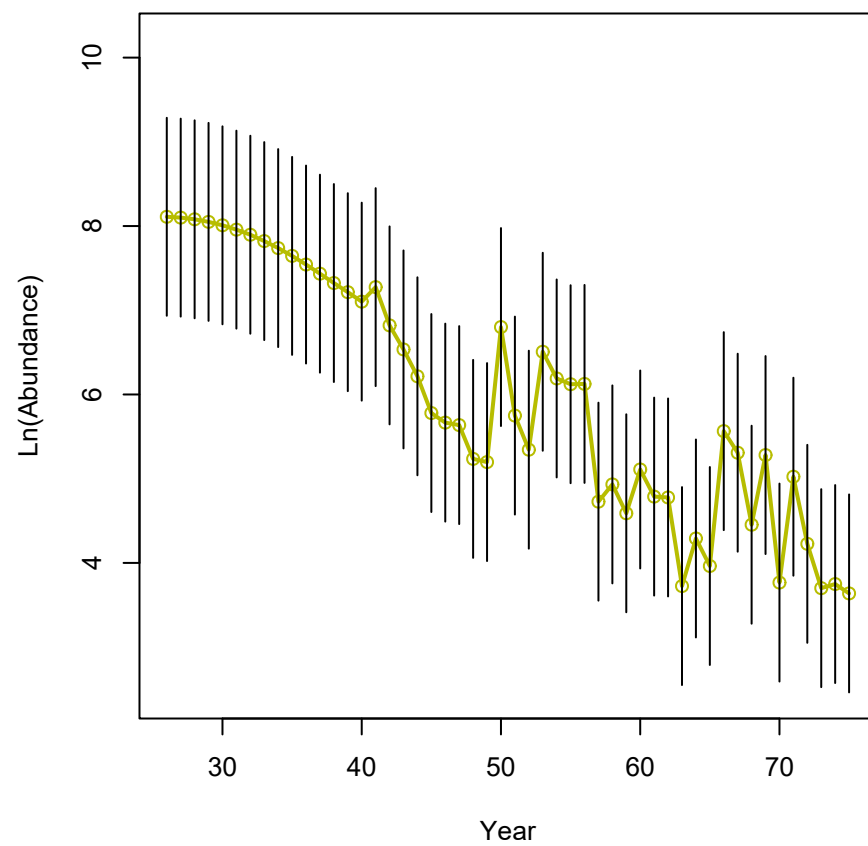
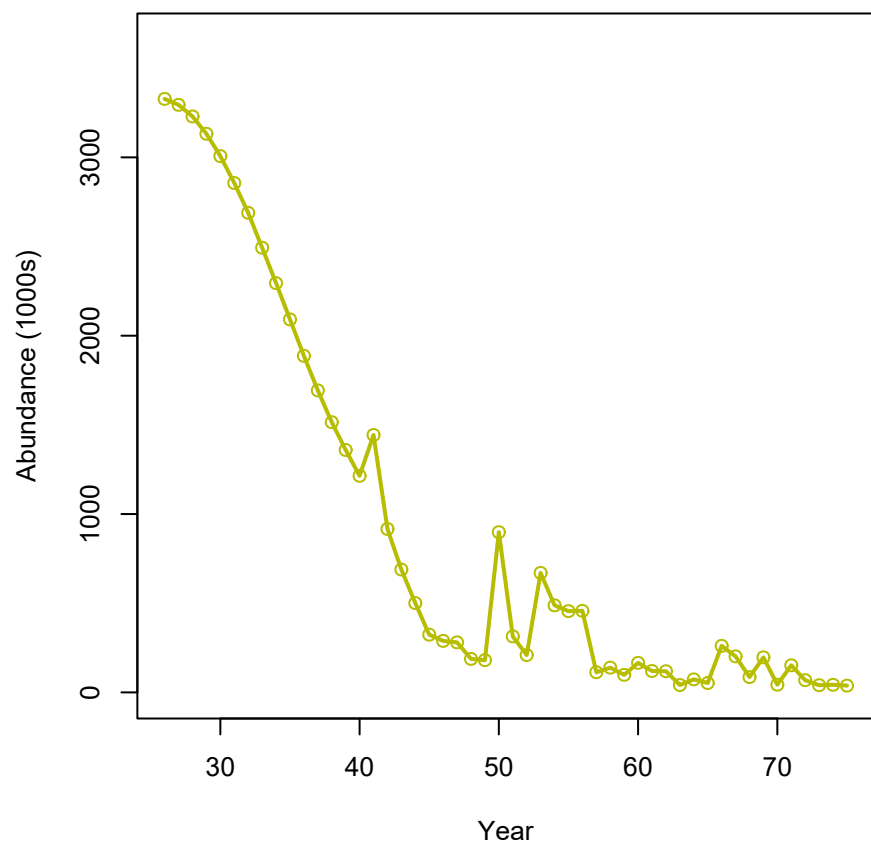
Conditional Expected and Posterior Estimates of Age 13 Abundance



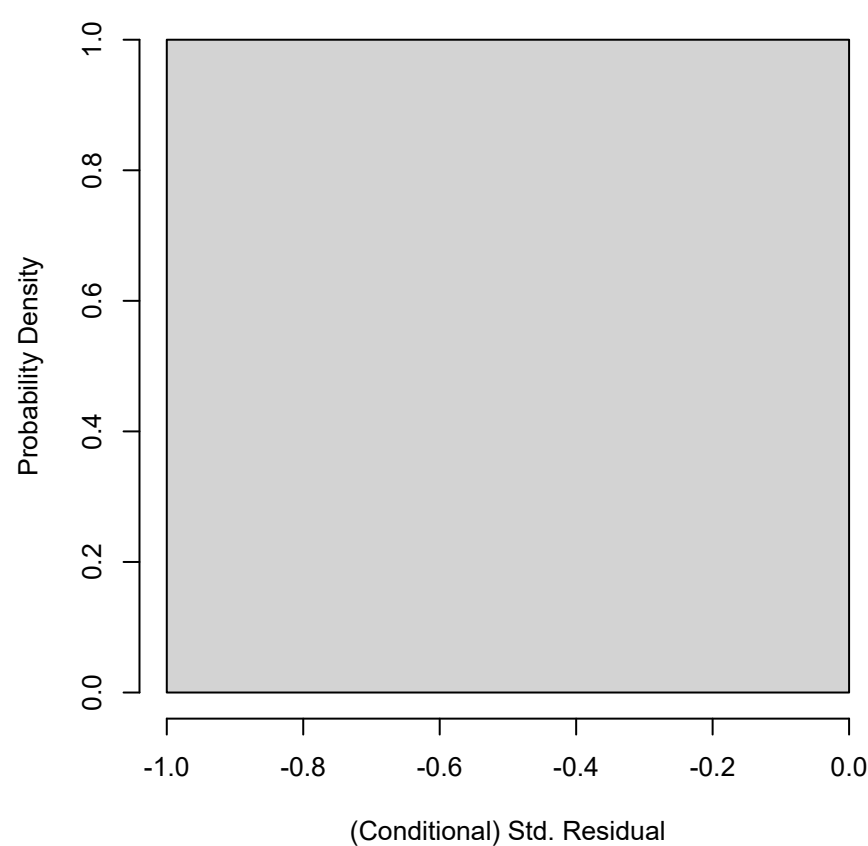
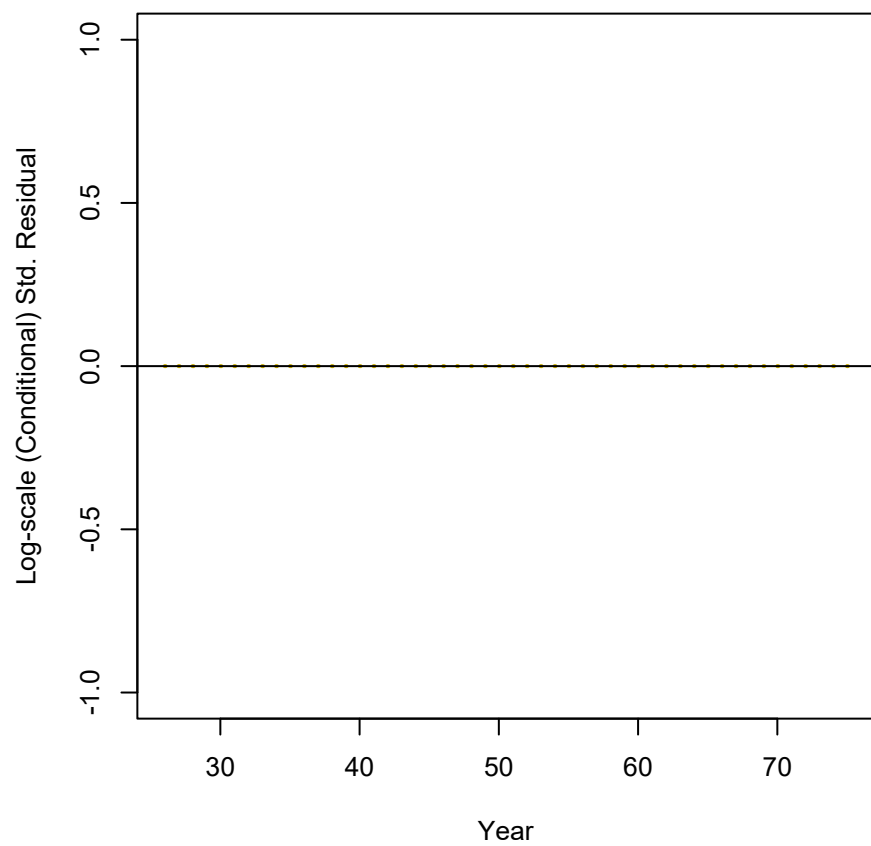
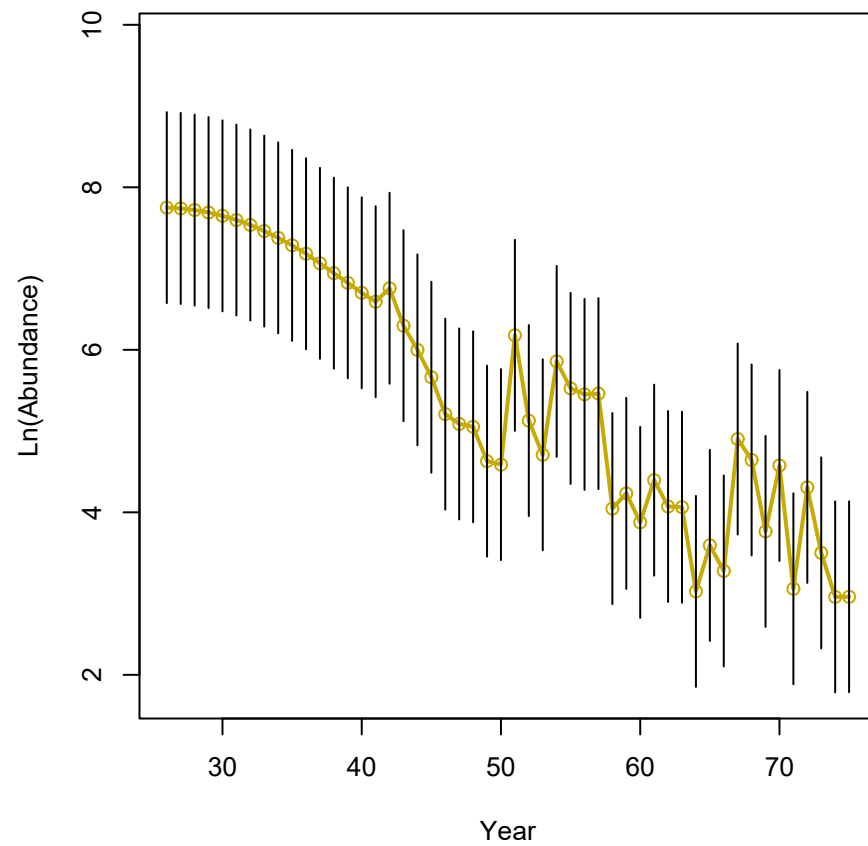
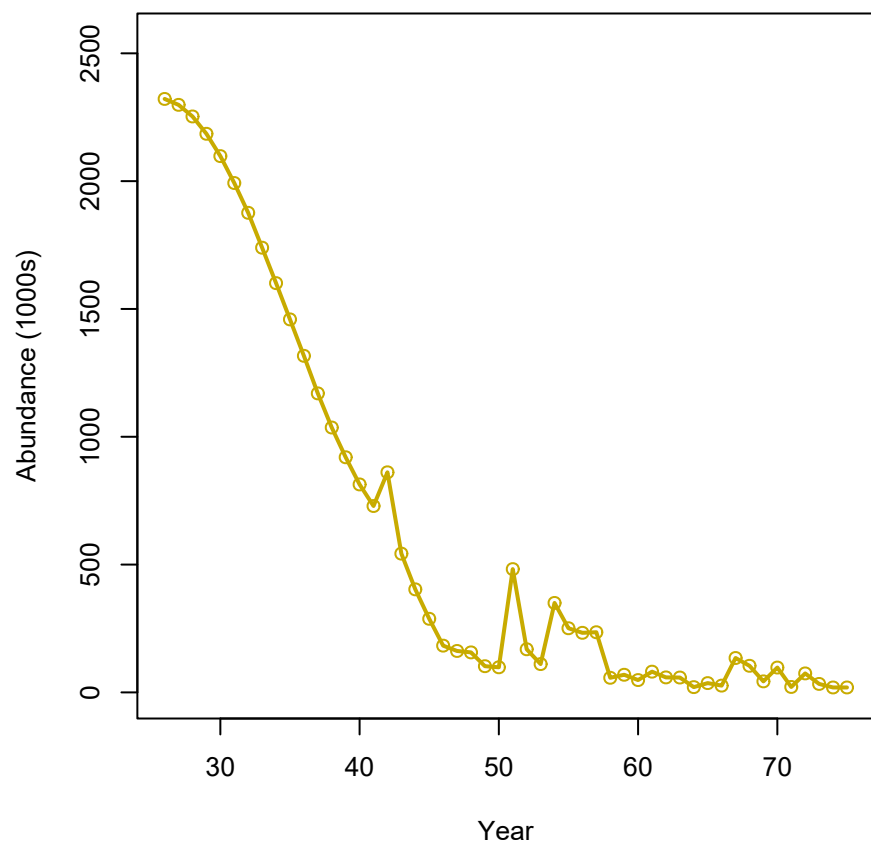
Conditional Expected and Posterior Estimates of Age 14 Abundance



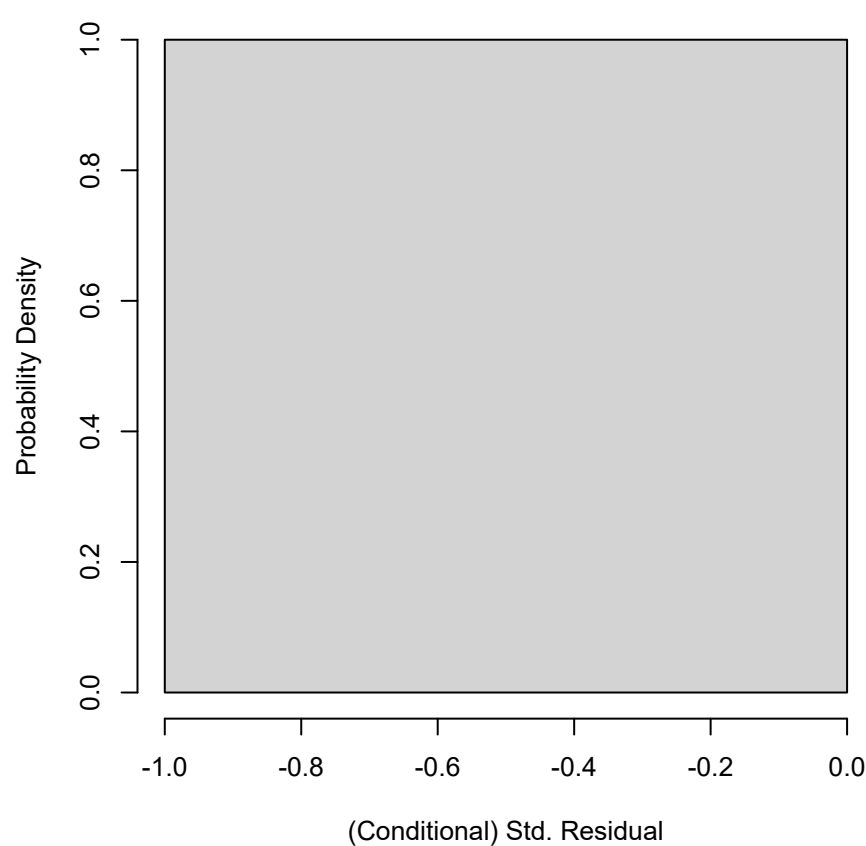
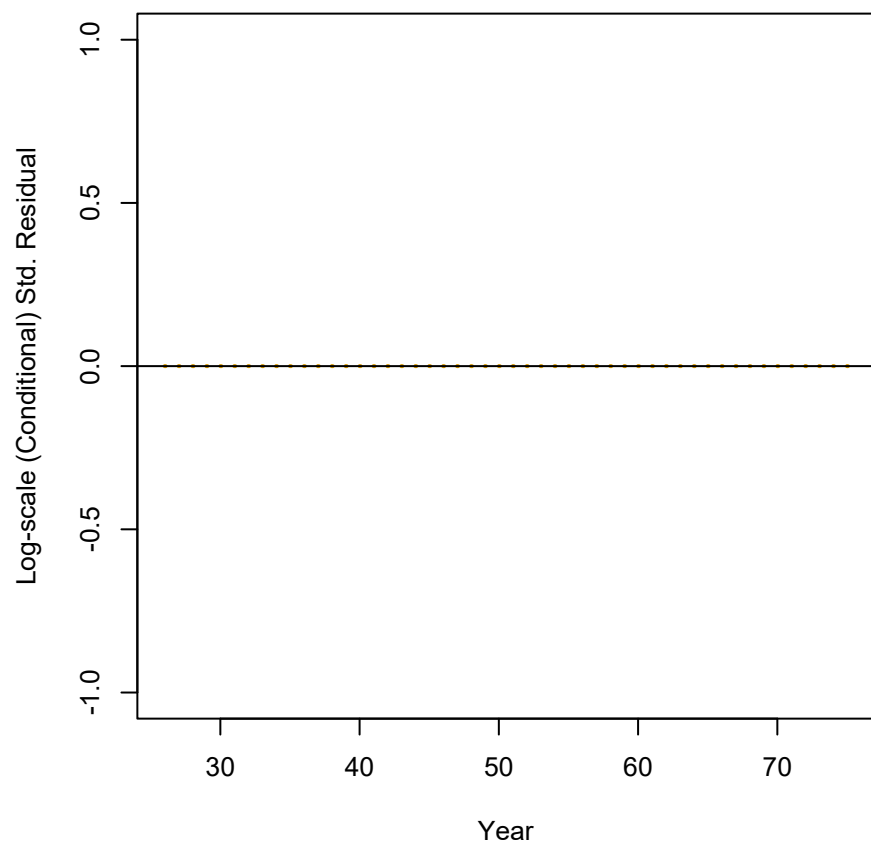
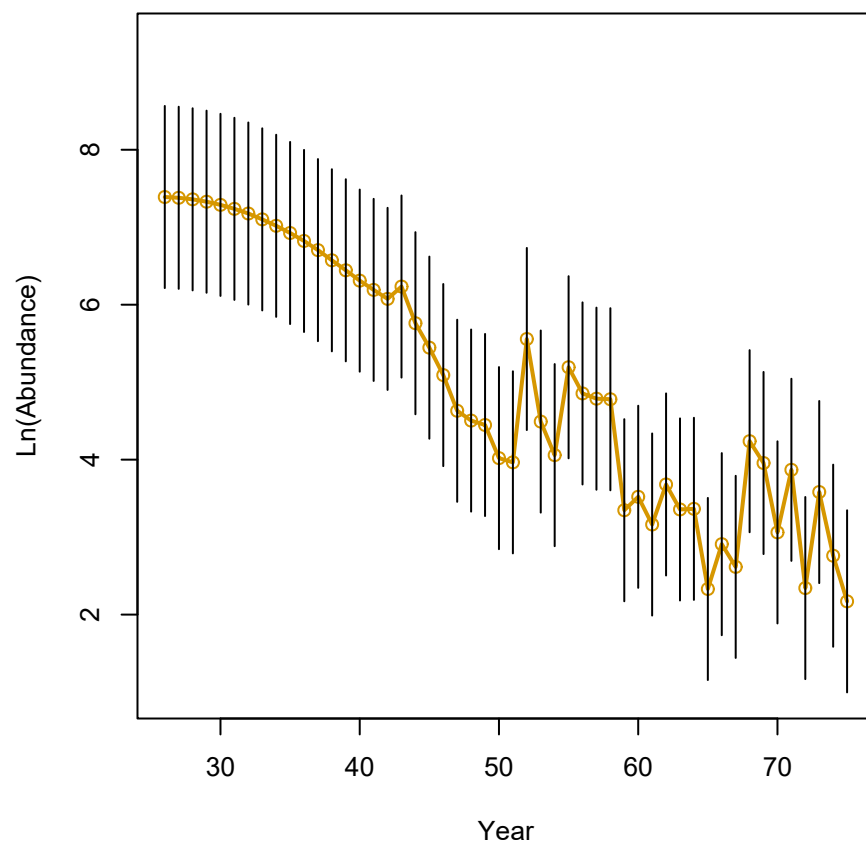
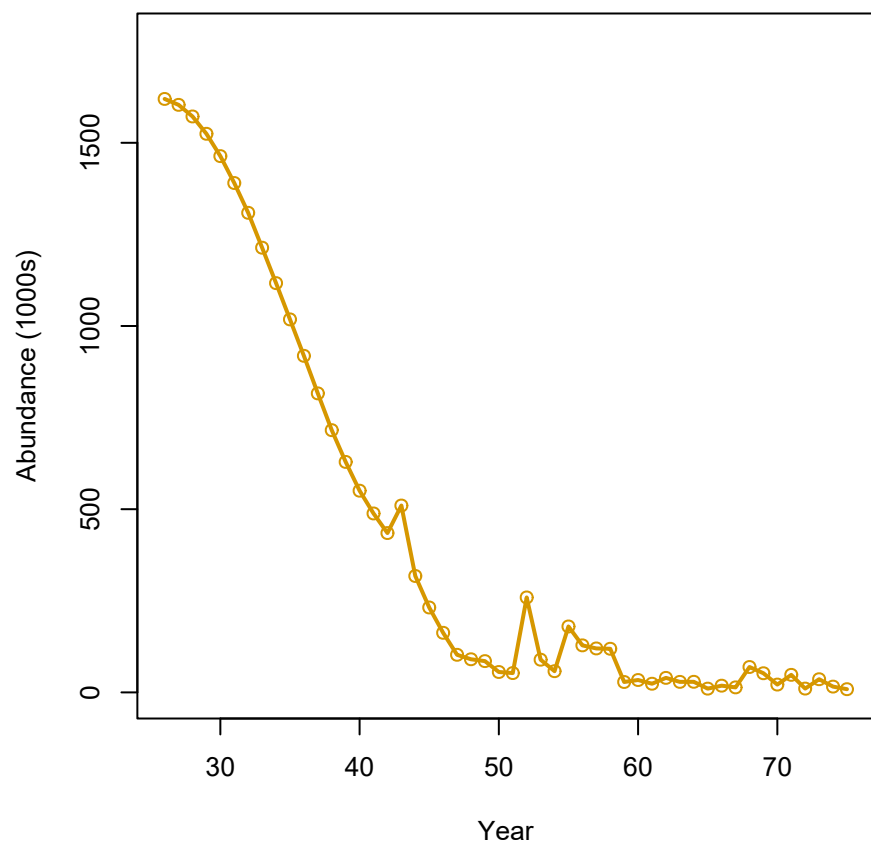
Conditional Expected and Posterior Estimates of Age 15 Abundance



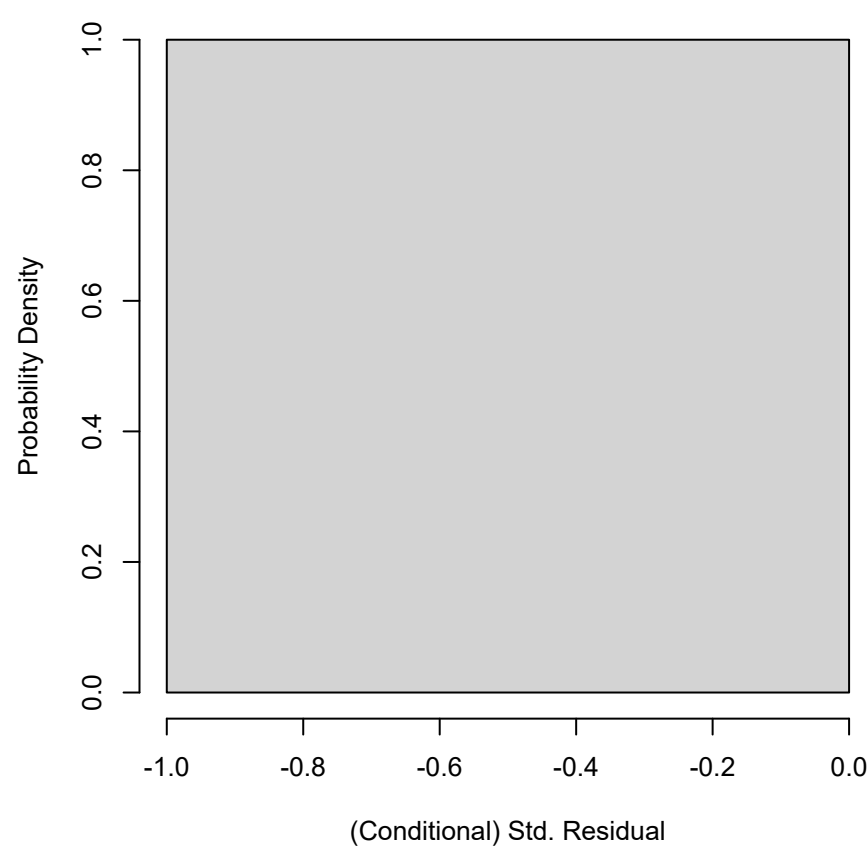
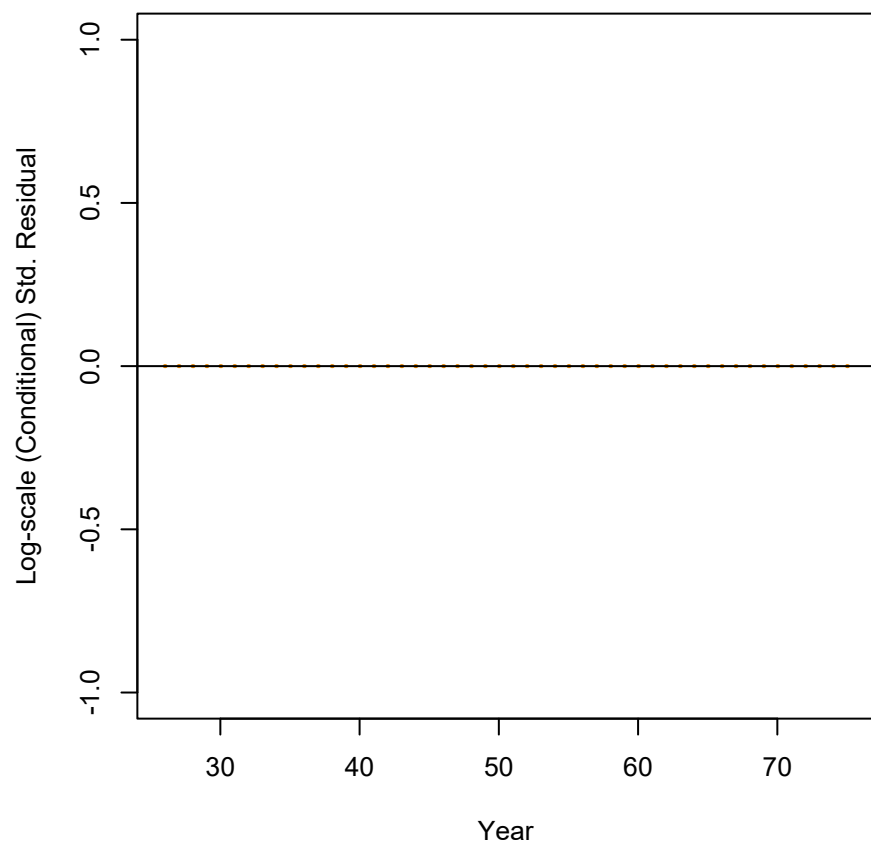
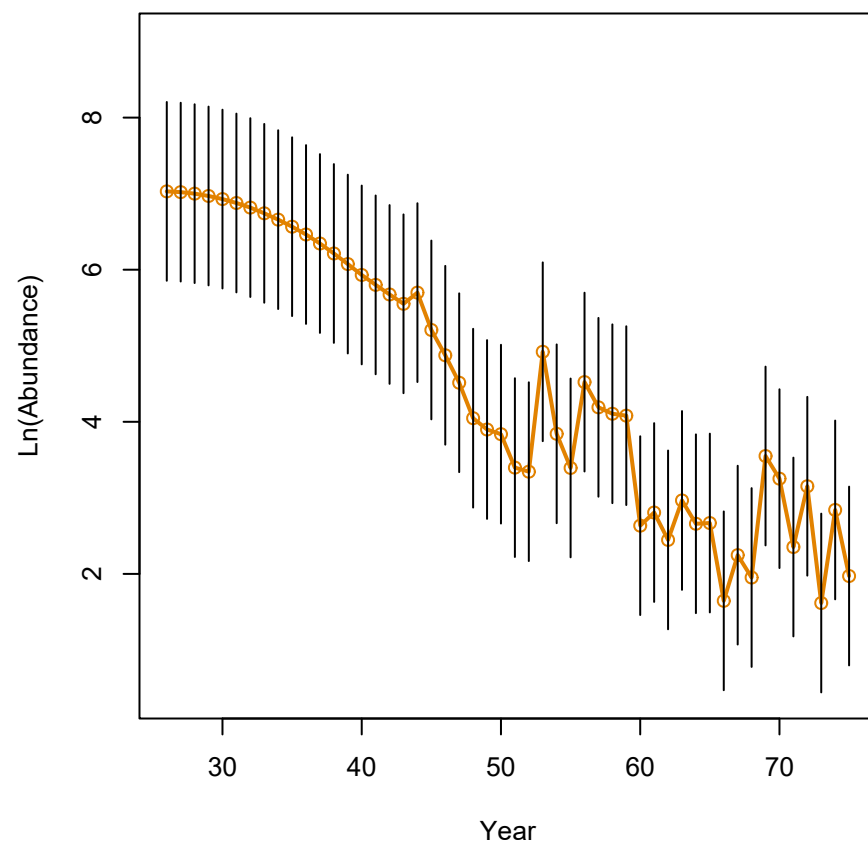
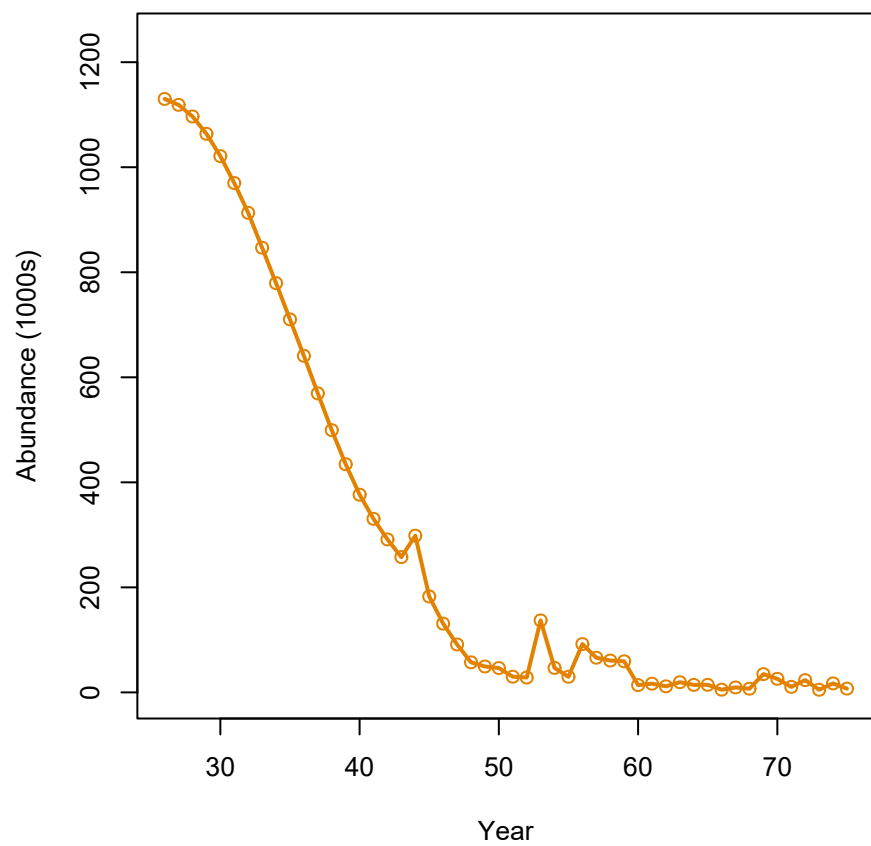
Conditional Expected and Posterior Estimates of Age 16 Abundance



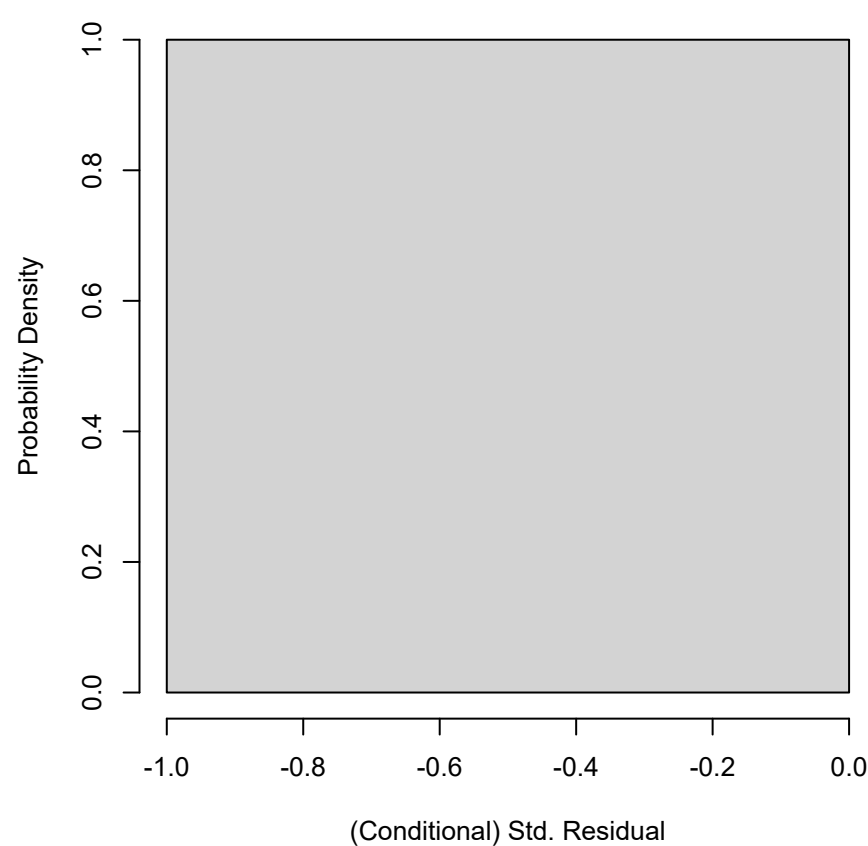
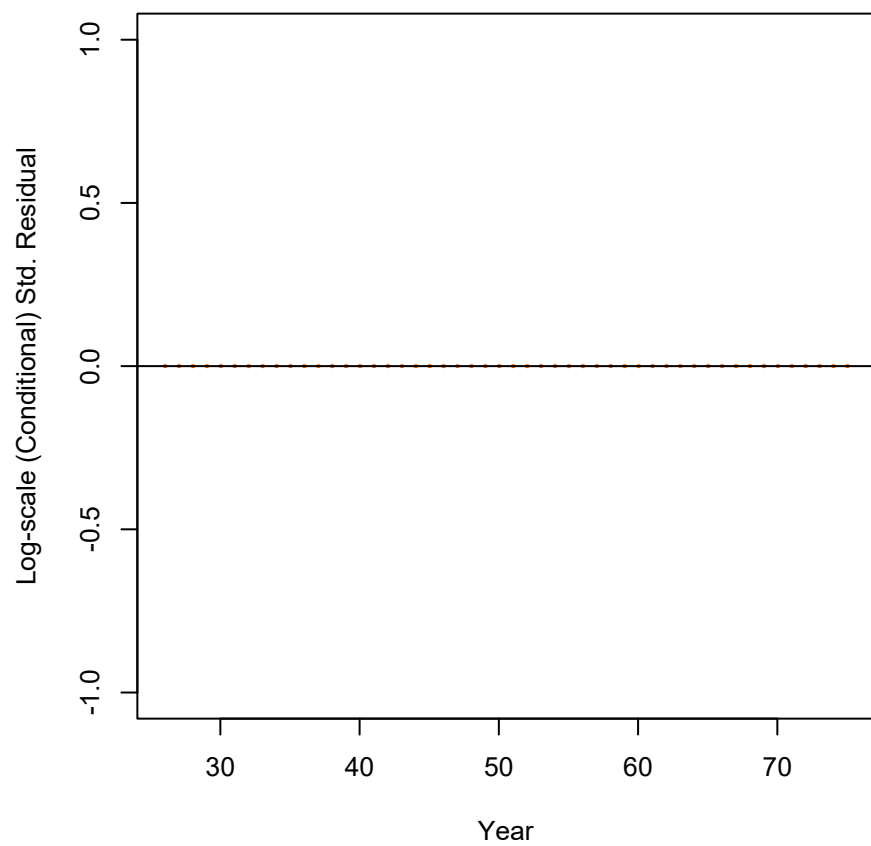
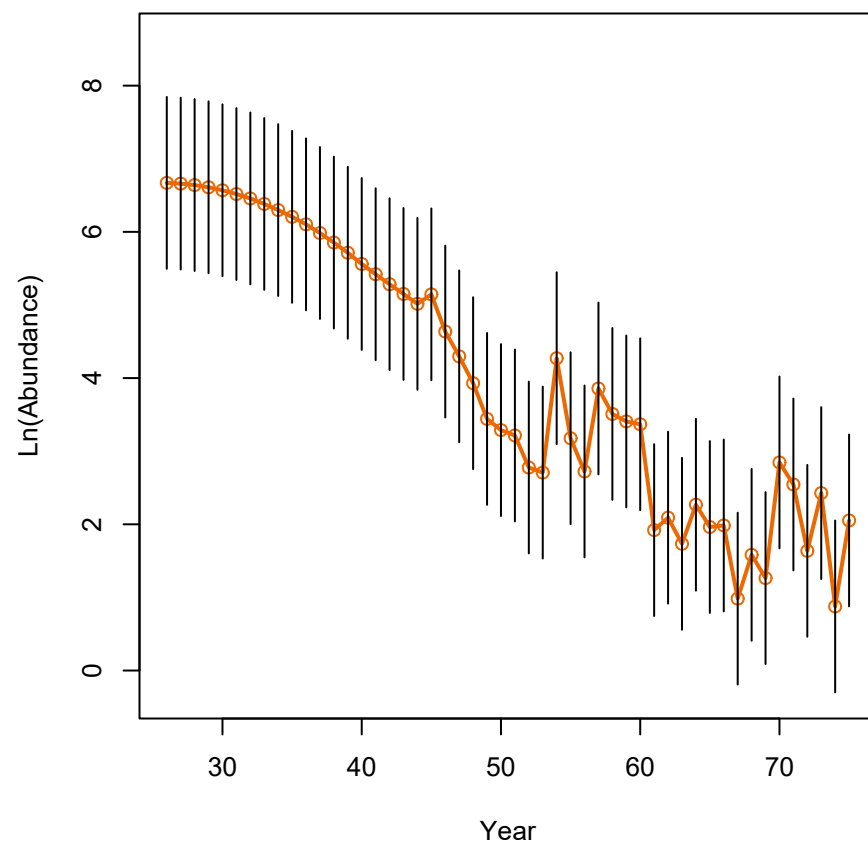
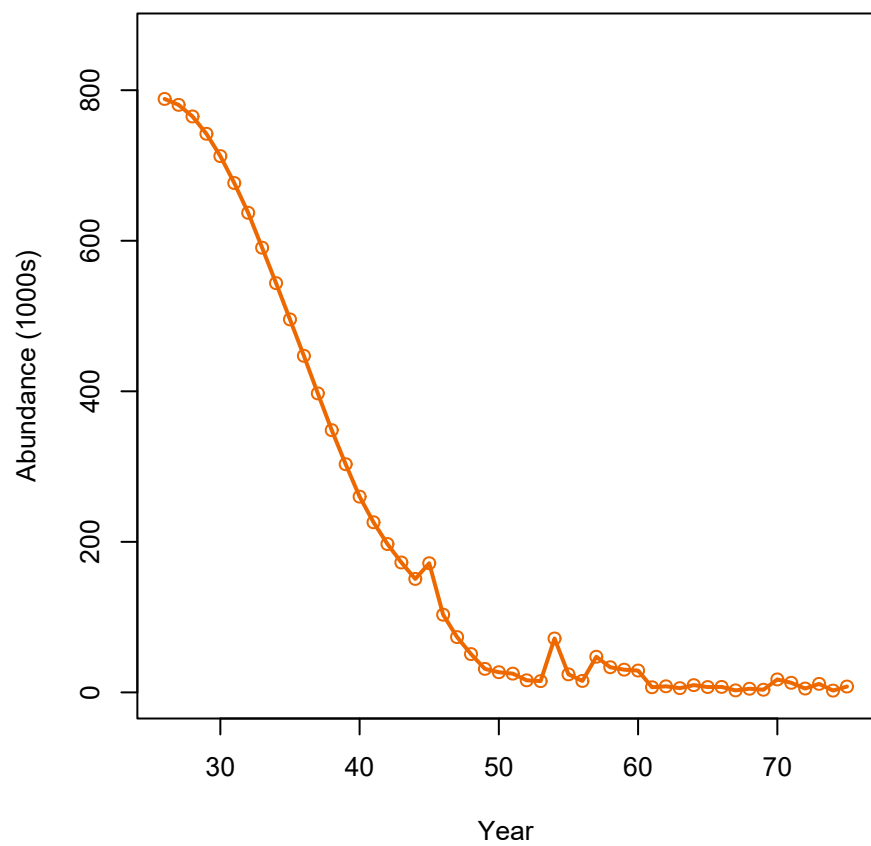
Conditional Expected and Posterior Estimates of Age 17 Abundance



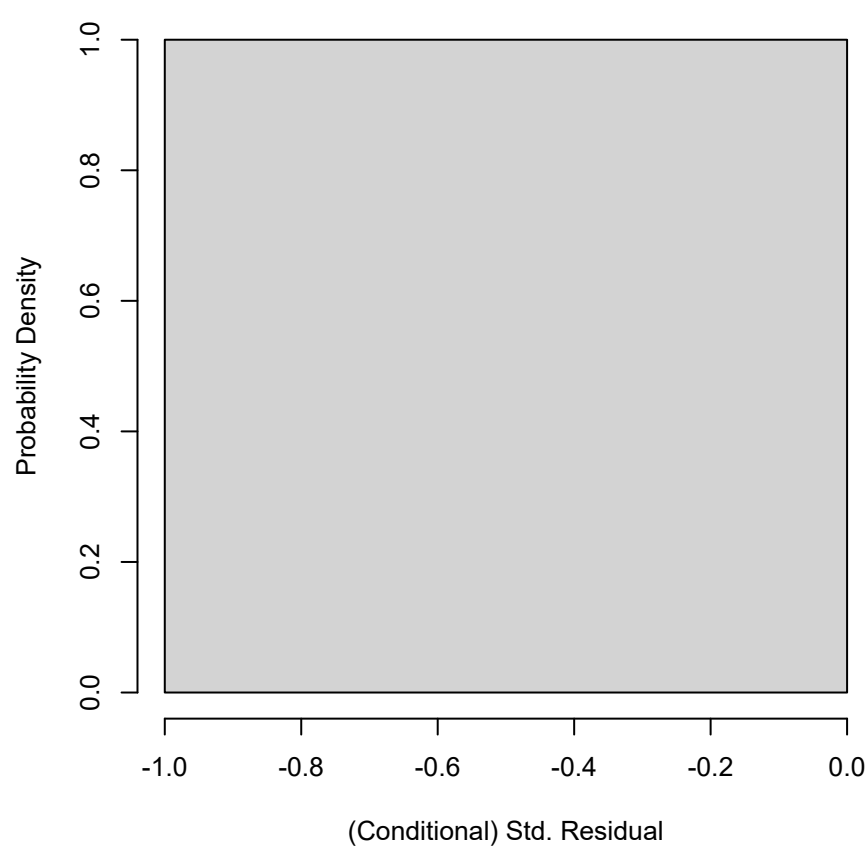
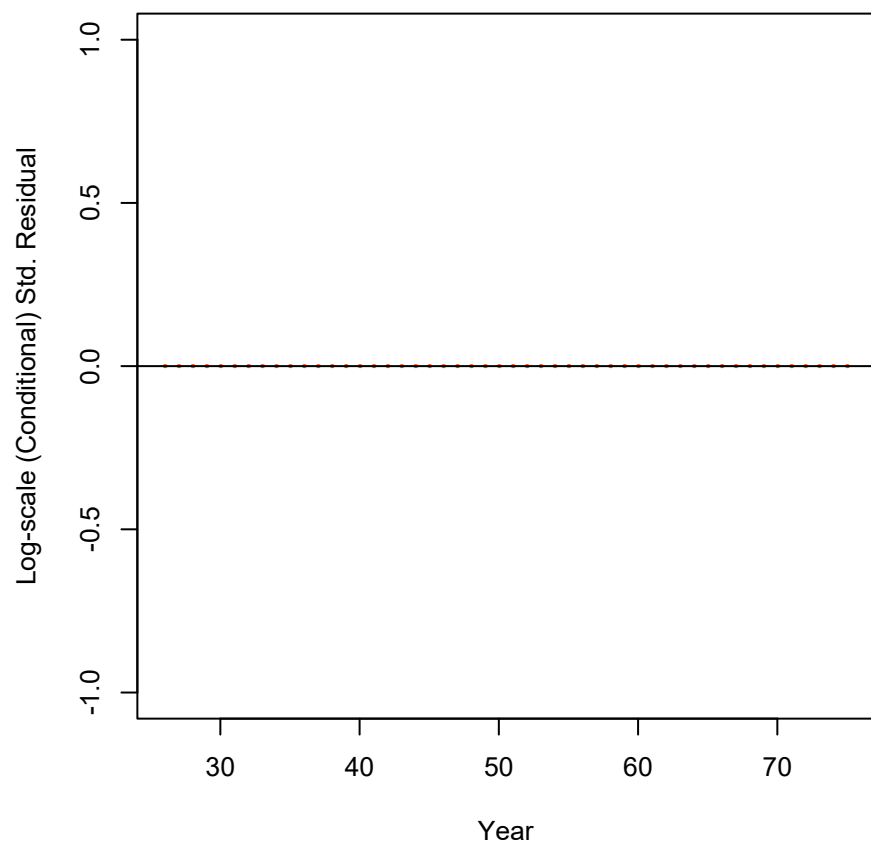
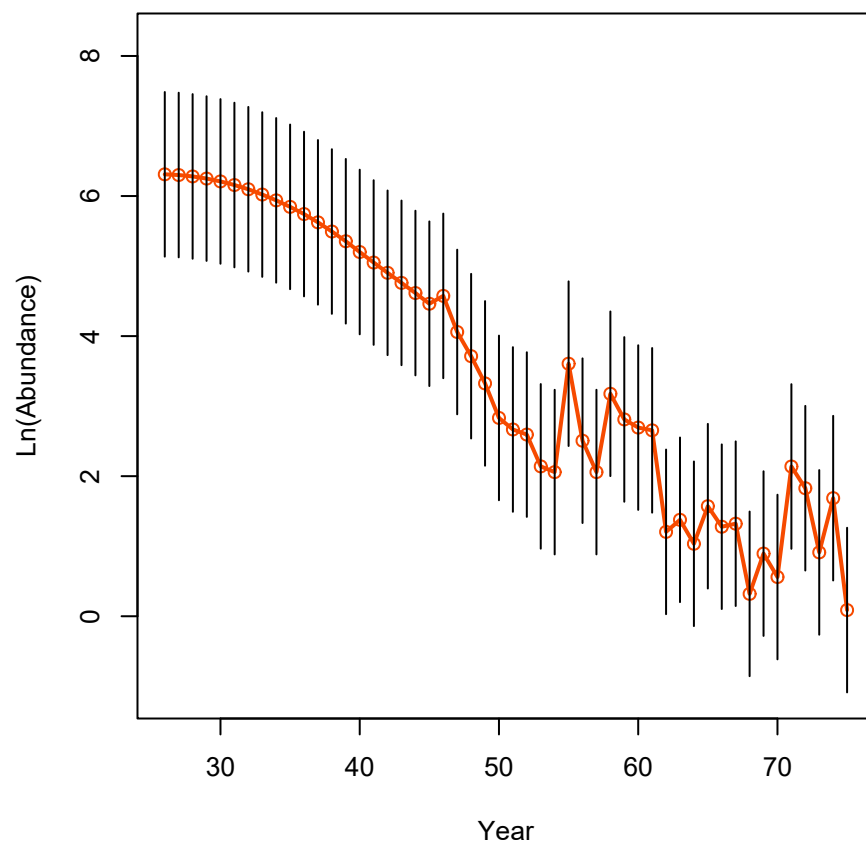
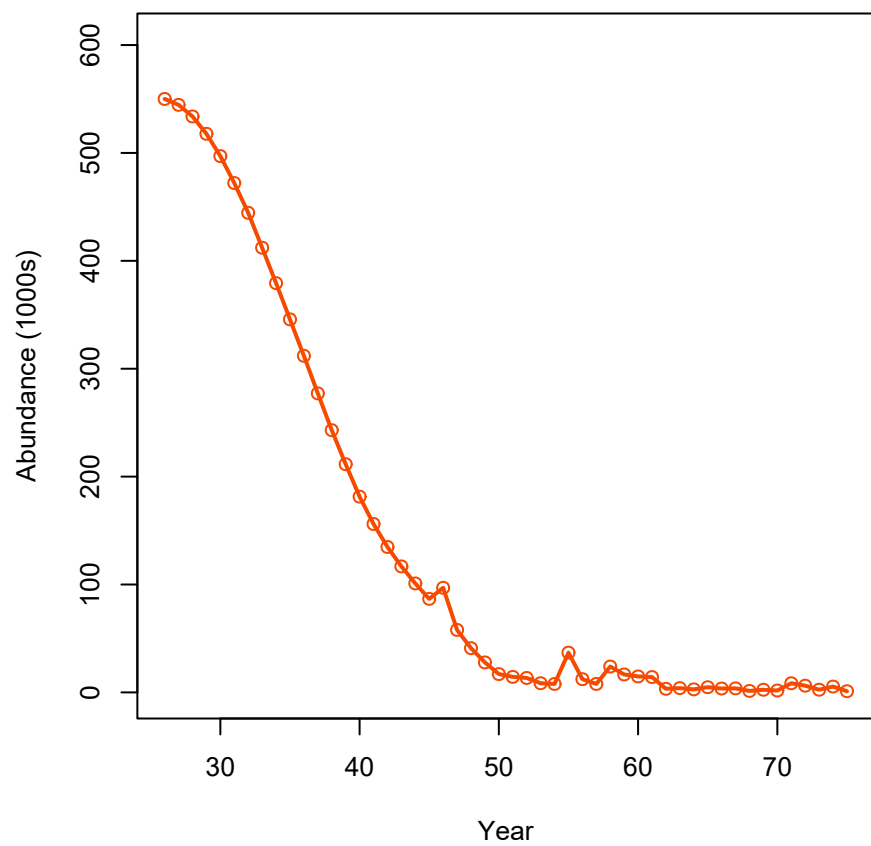
Conditional Expected and Posterior Estimates of Age 18 Abundance



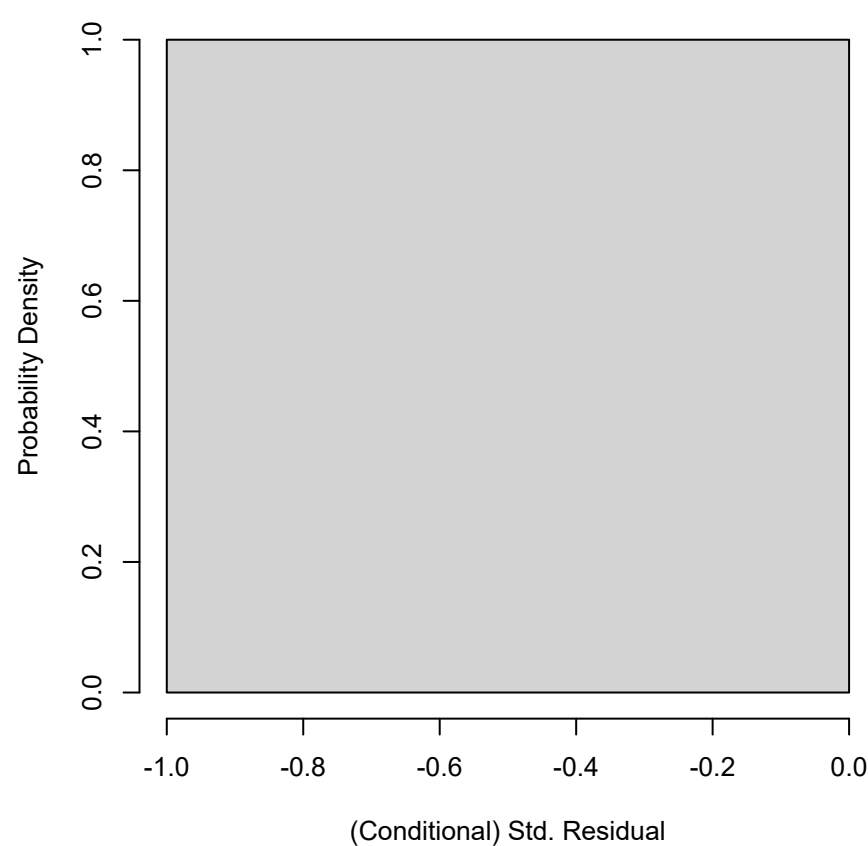
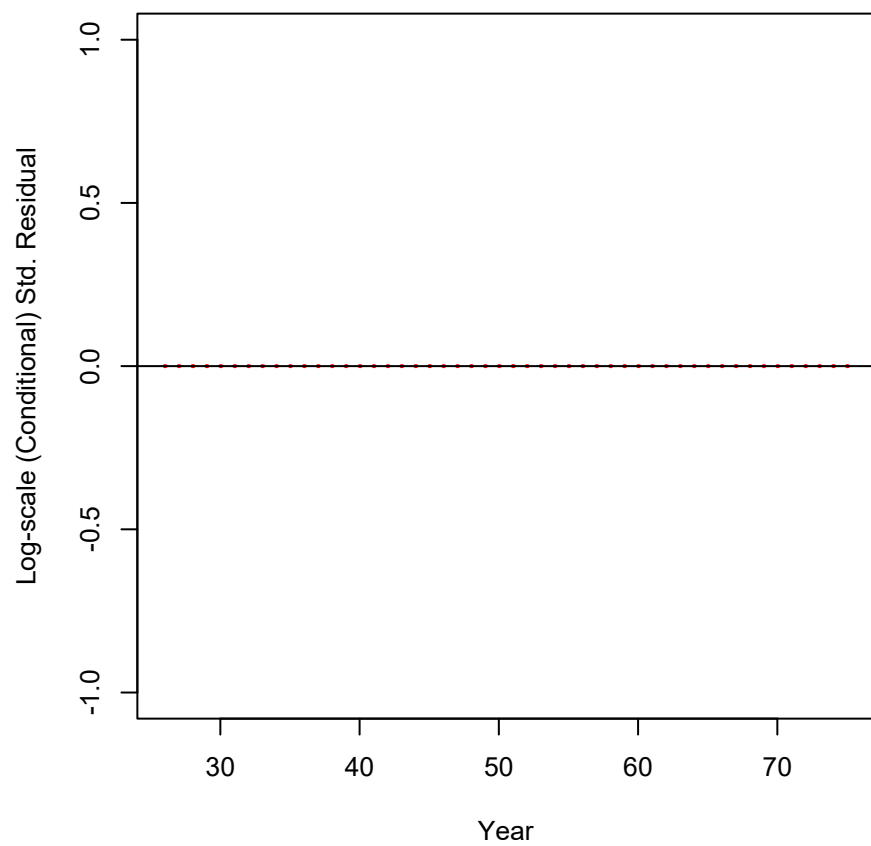
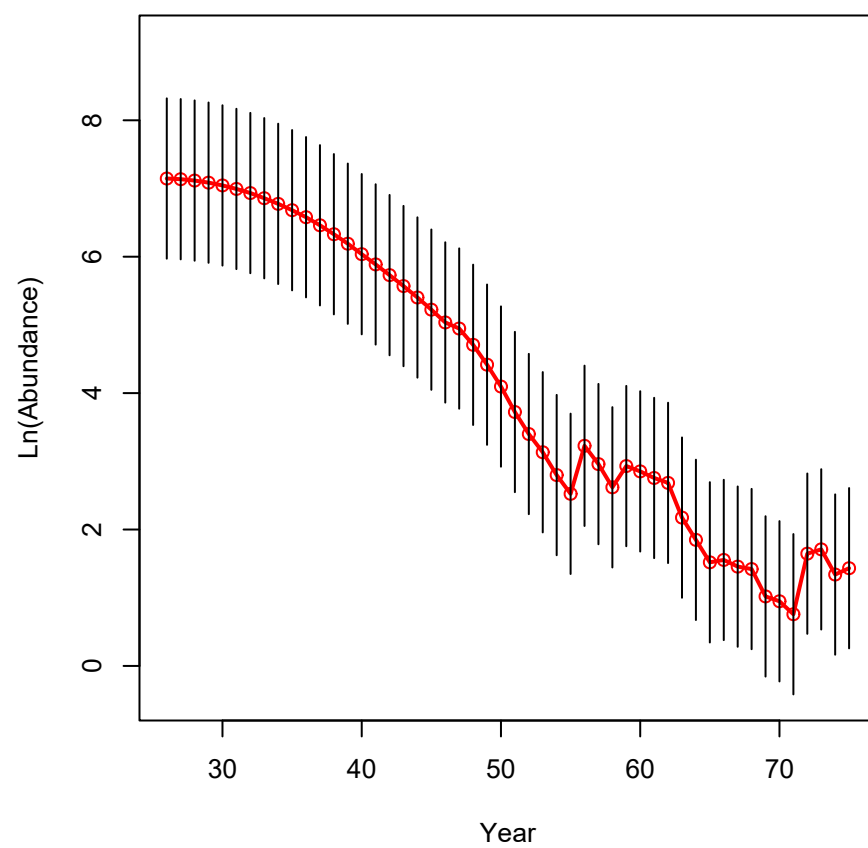
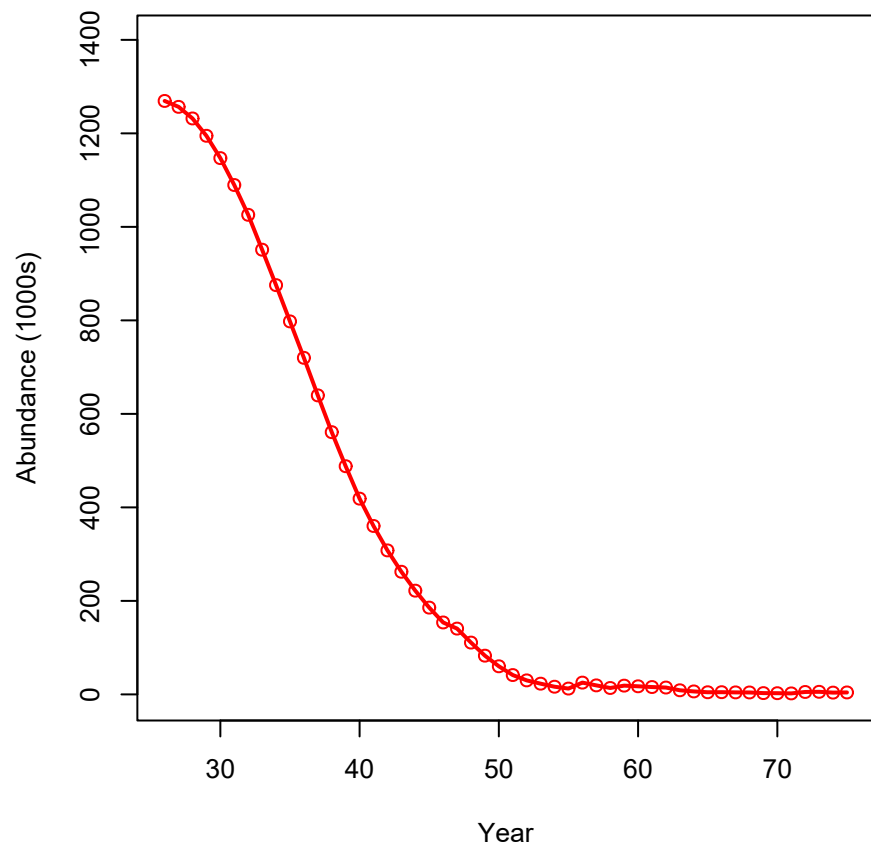
Conditional Expected and Posterior Estimates of Age 19 Abundance



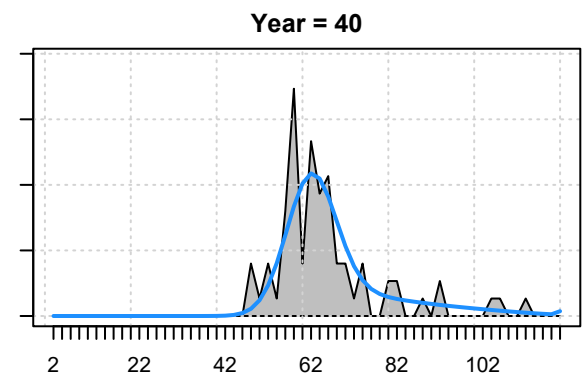
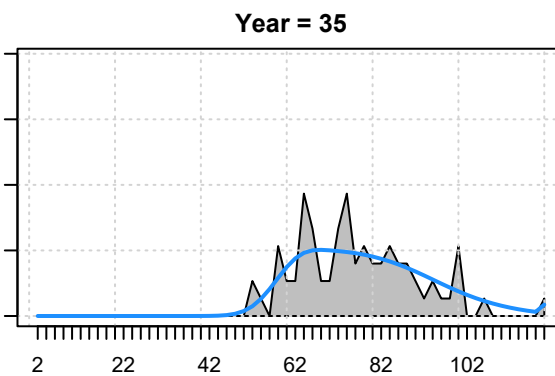
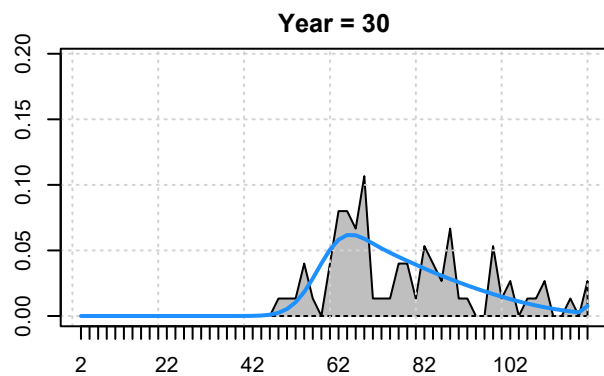
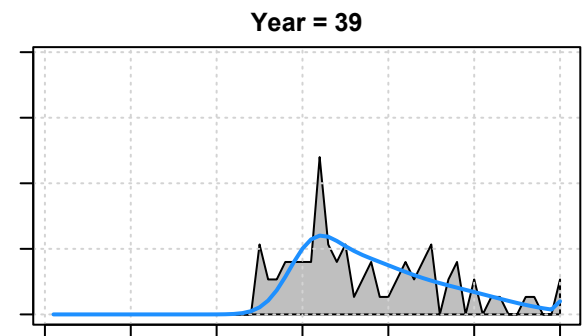
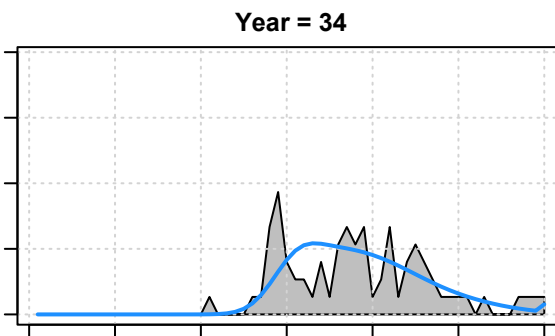
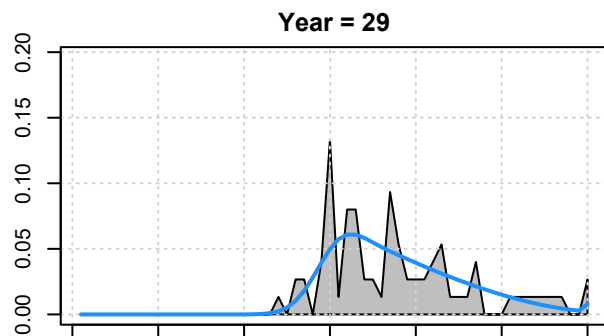
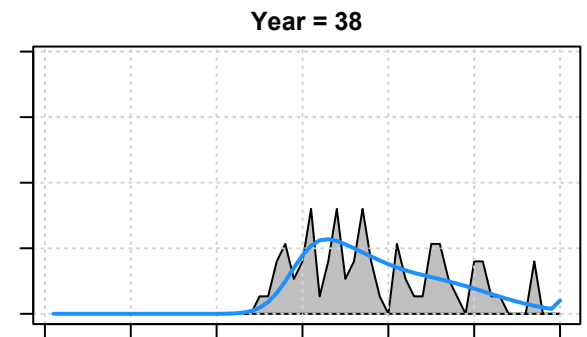
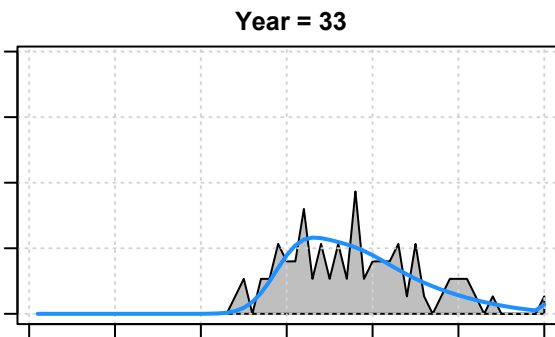
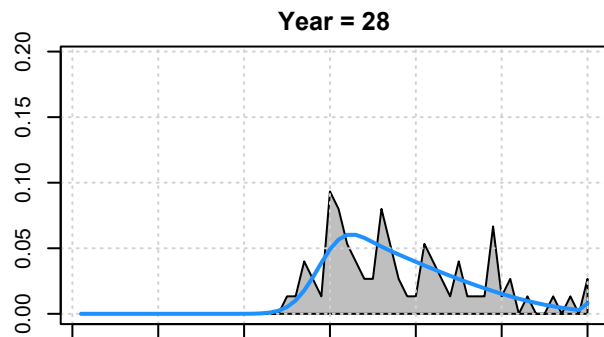
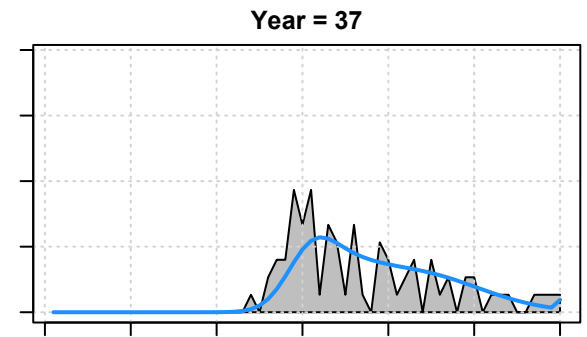
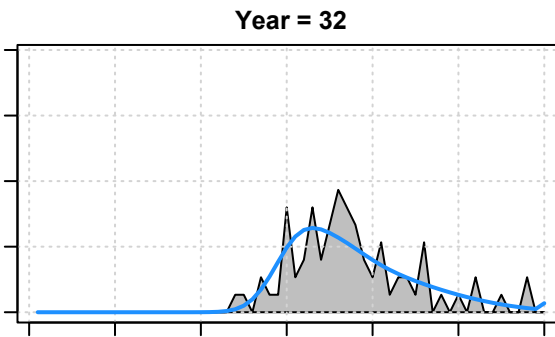
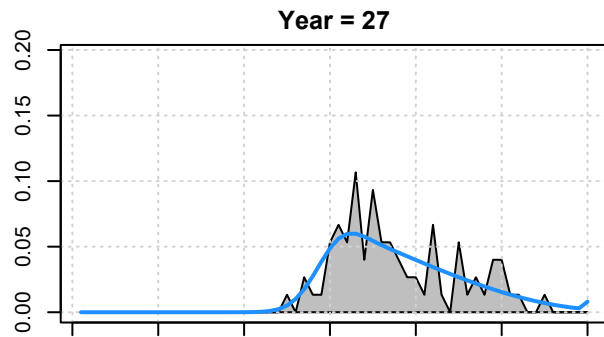
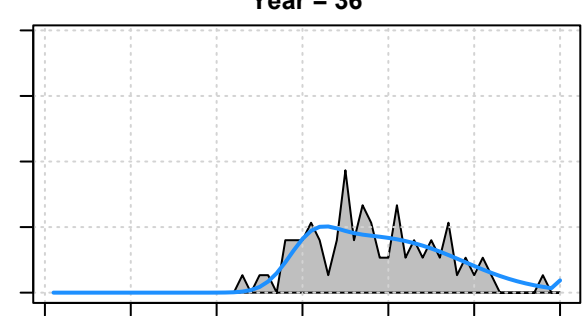
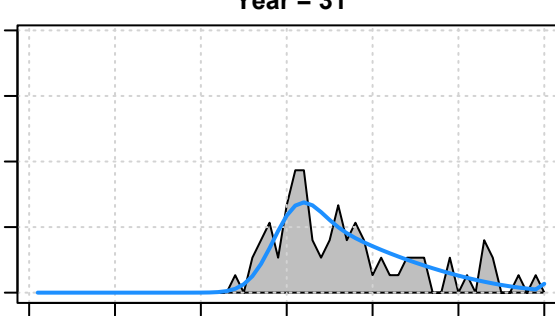
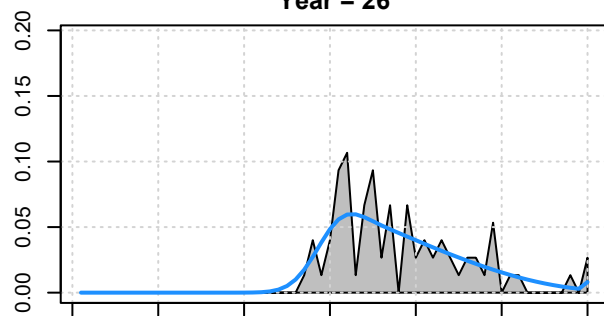
Conditional Expected and Posterior Estimates of Age 20 Abundance



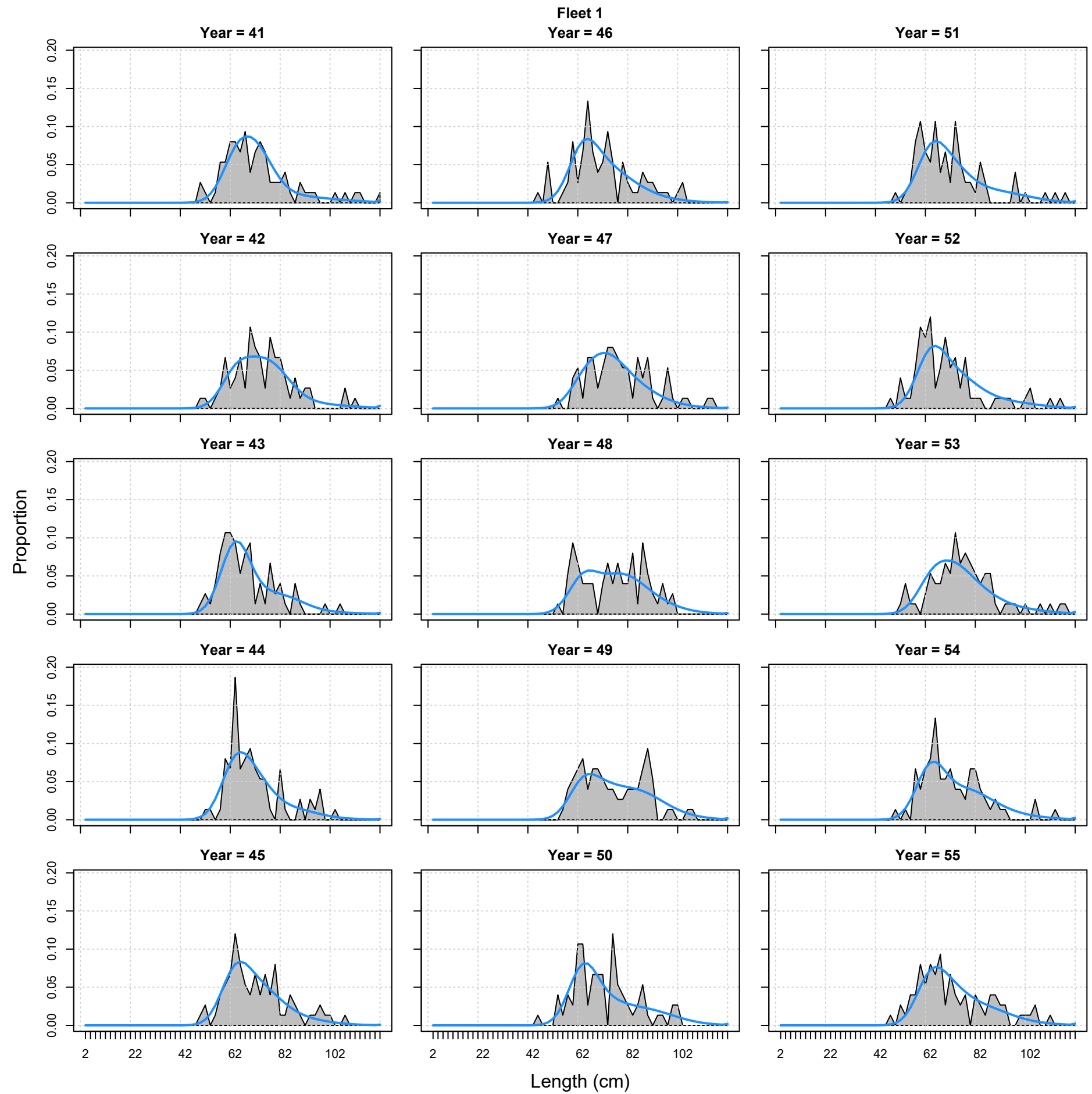
Conditional Expected and Posterior Estimates of Age 21 Abundance



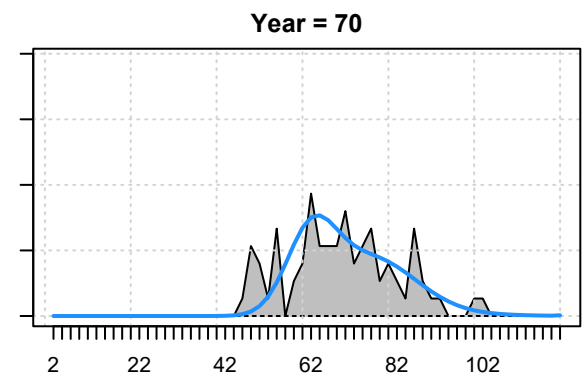
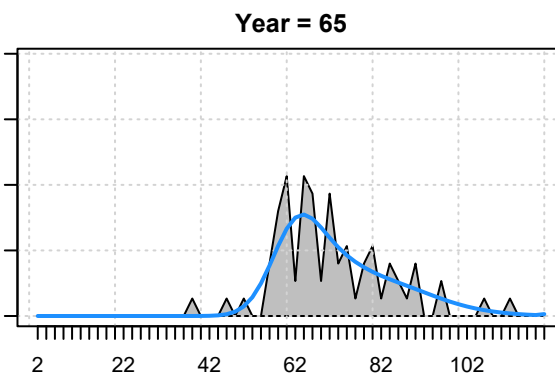
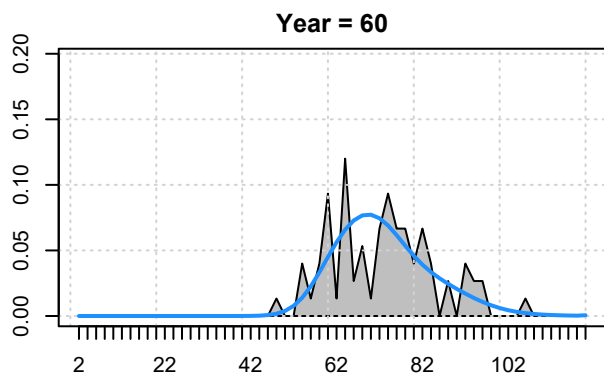
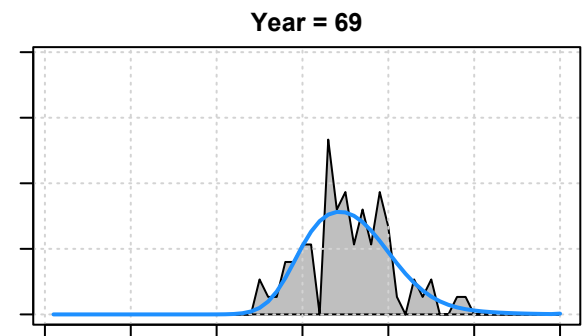
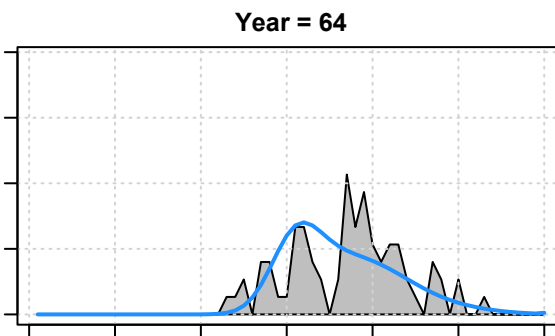
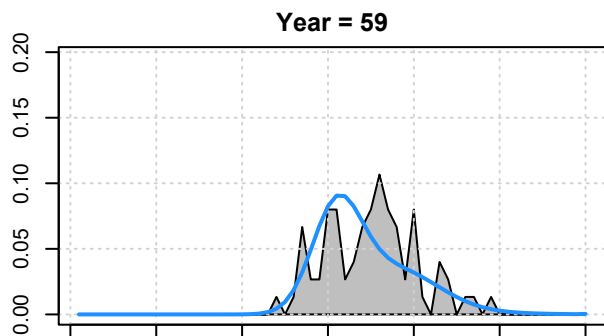
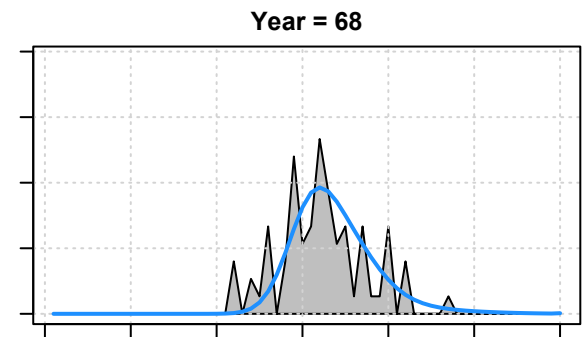
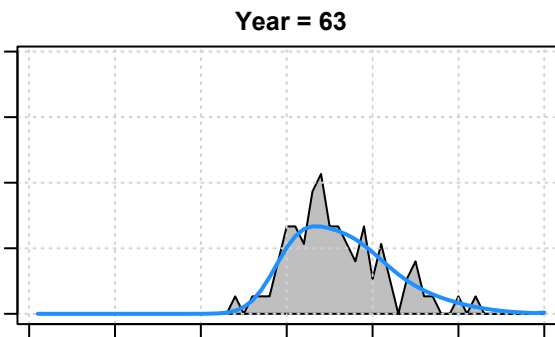
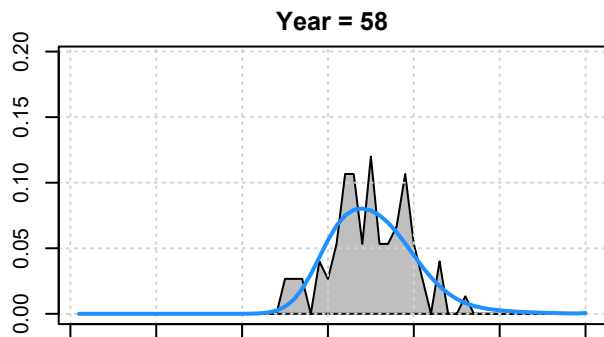
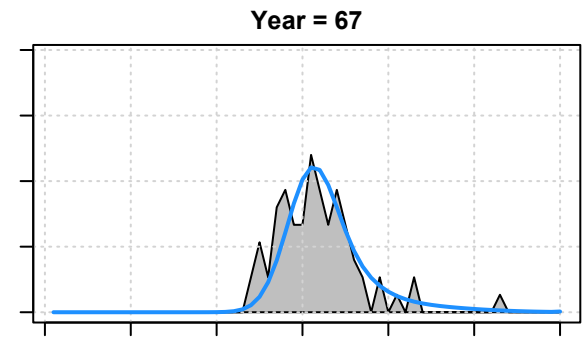
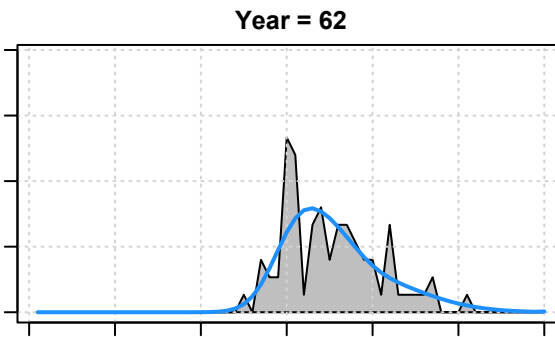
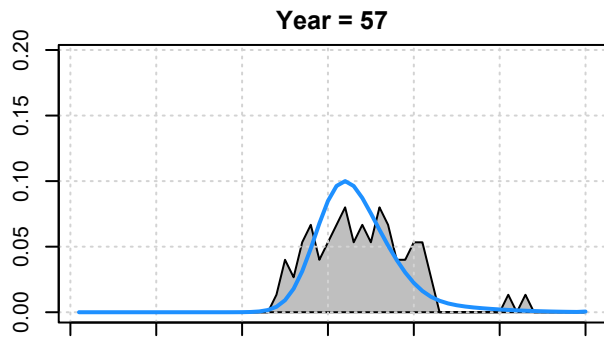
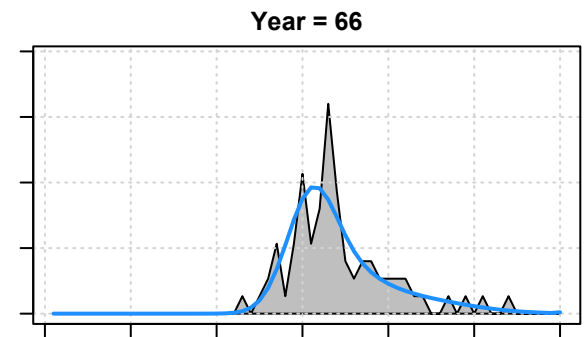
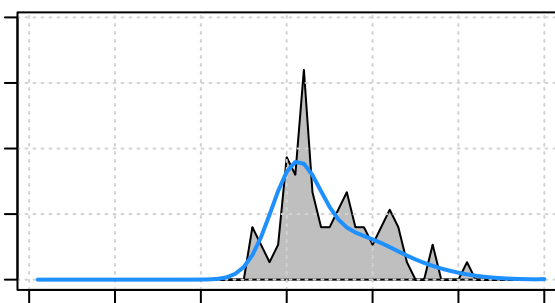
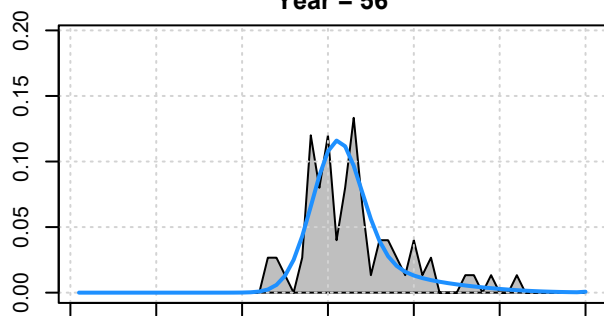
Fleet 1
Year = 31



Length (cm)

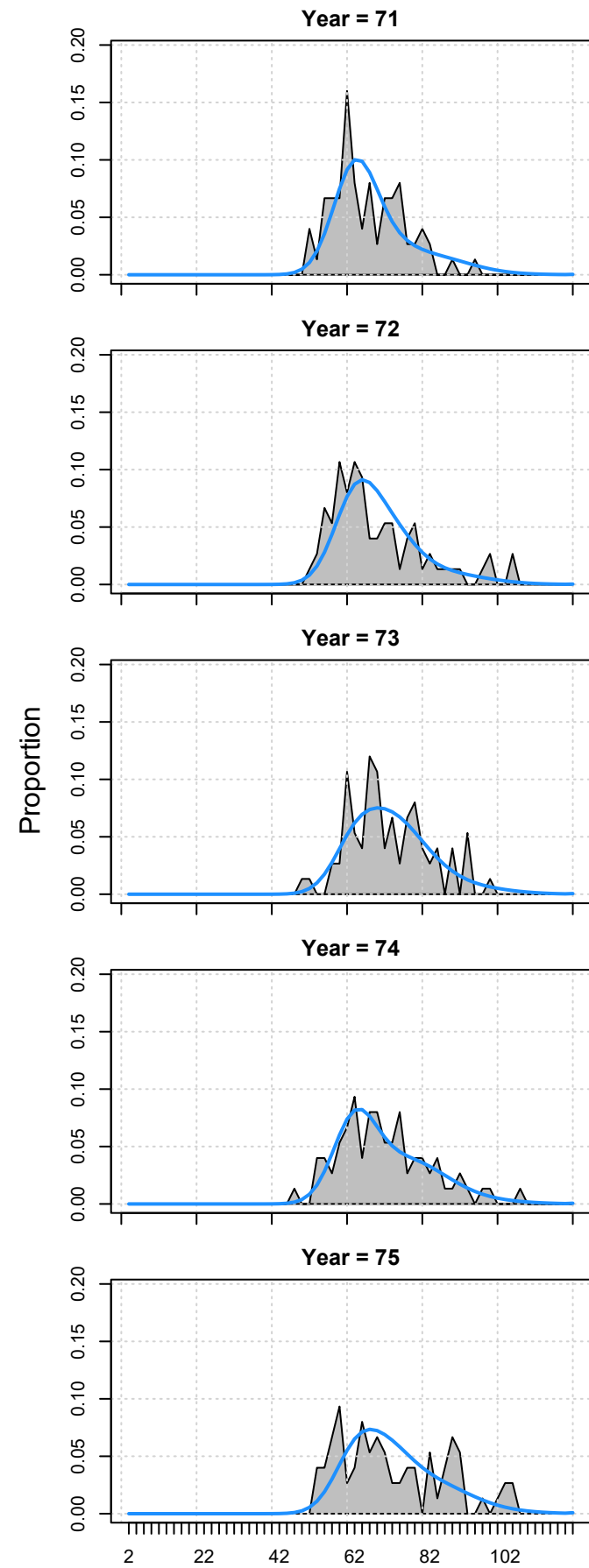


Fleet 1
Year = 61

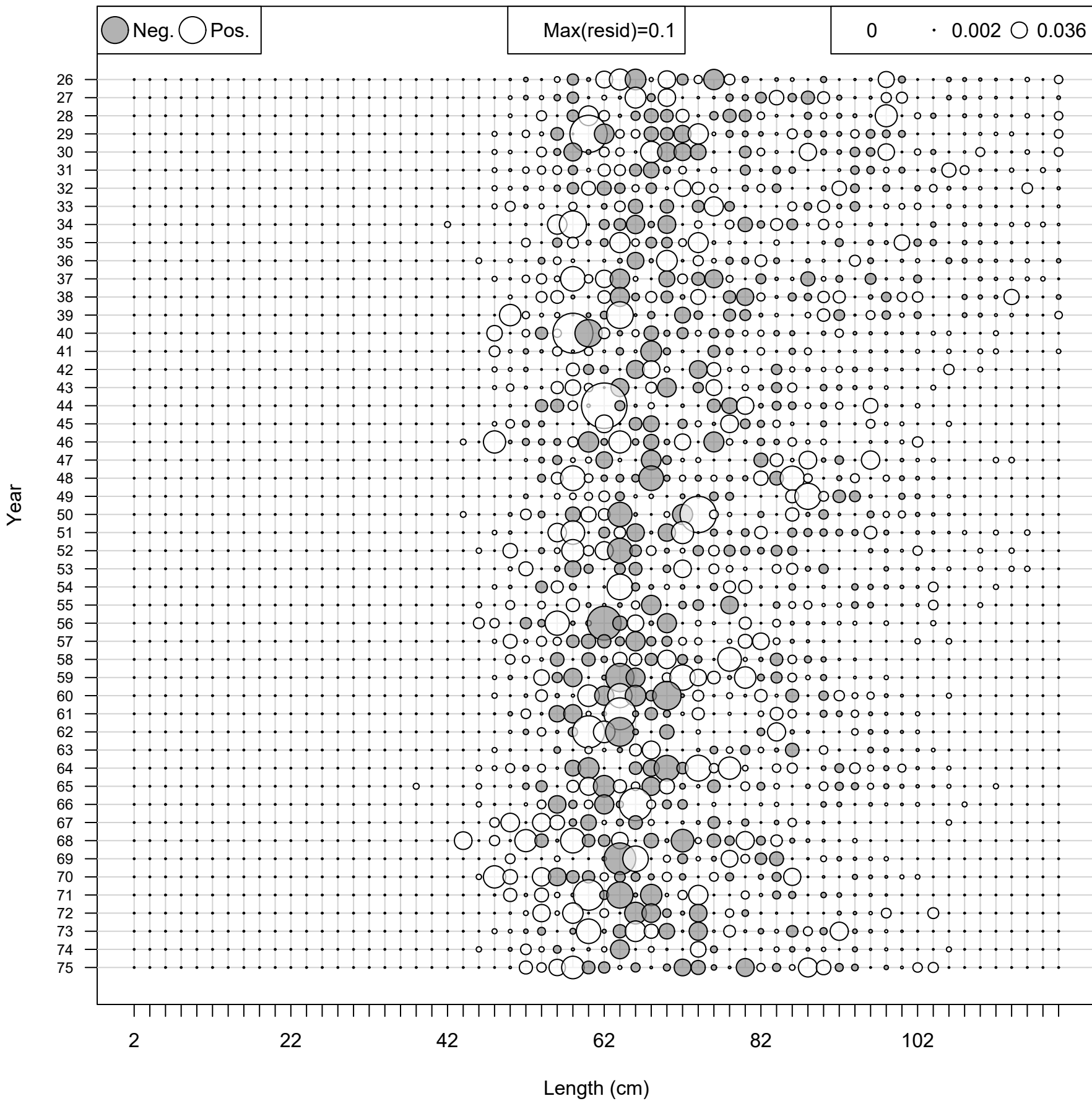


Length (cm)

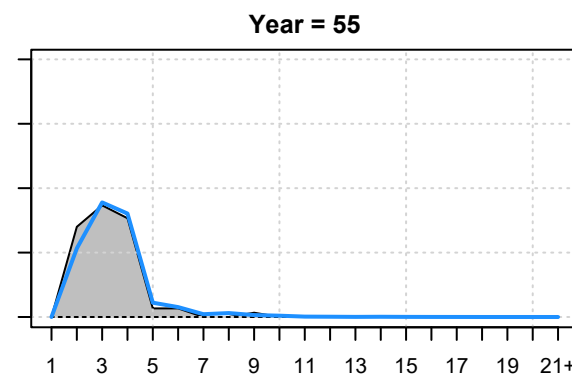
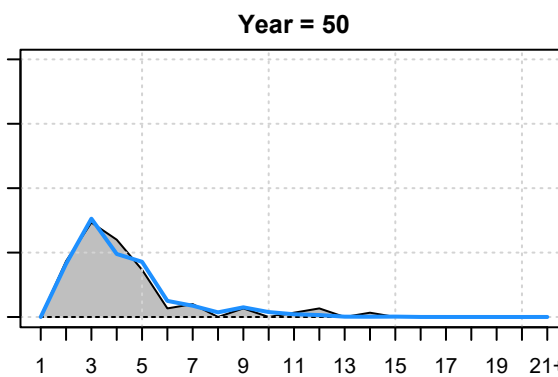
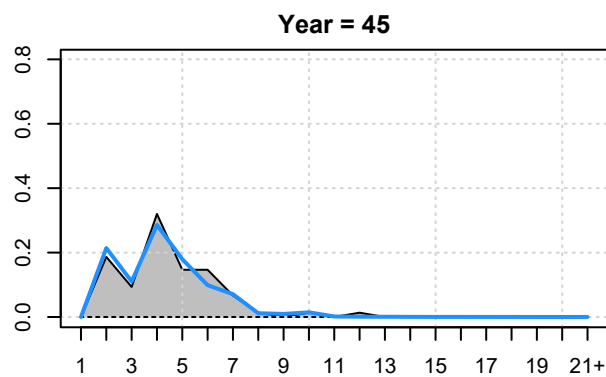
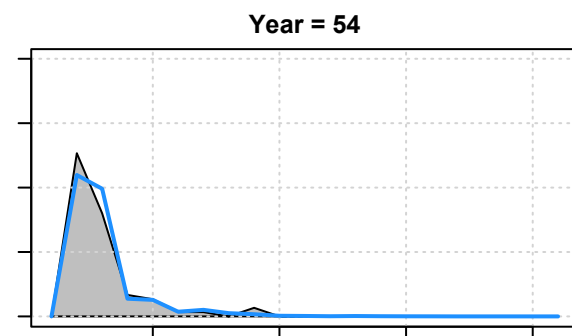
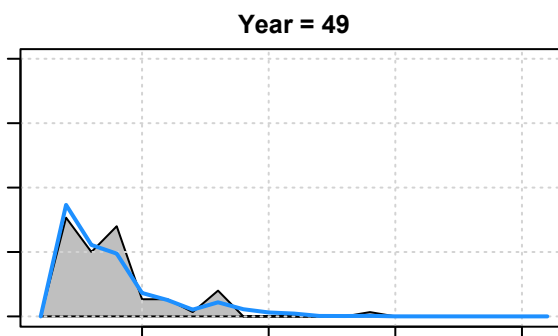
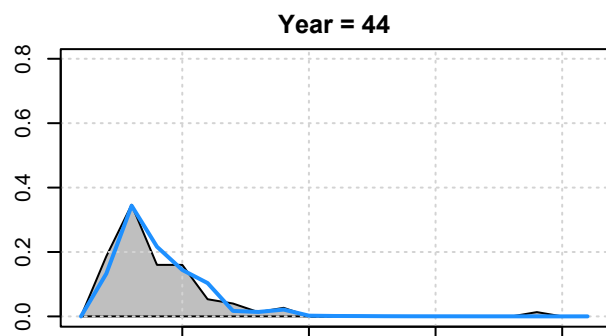
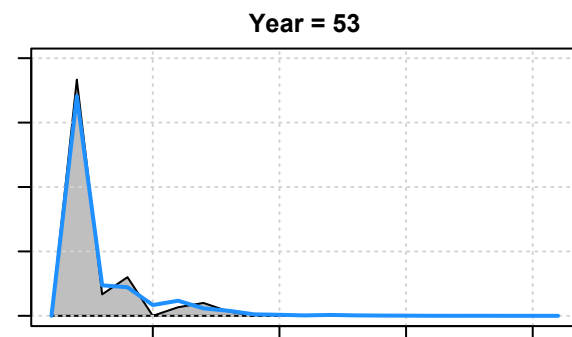
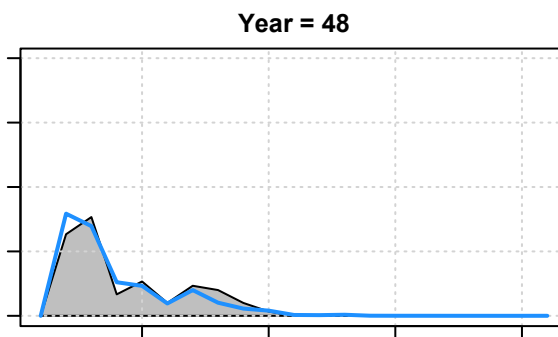
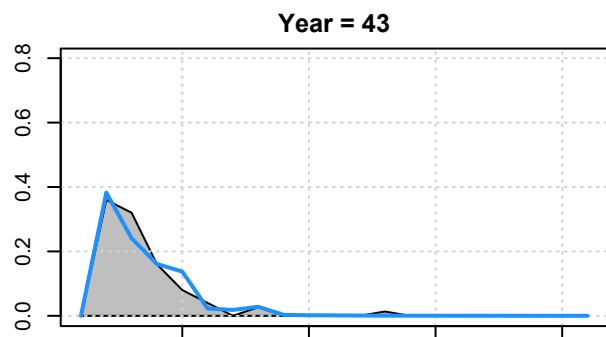
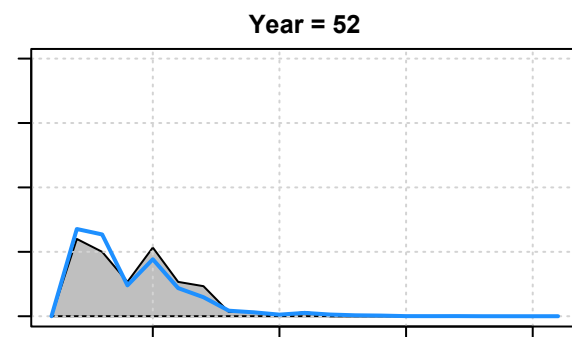
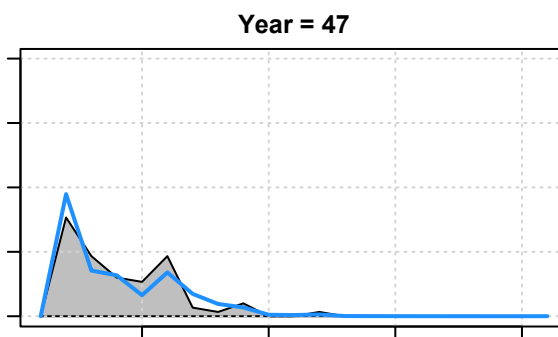
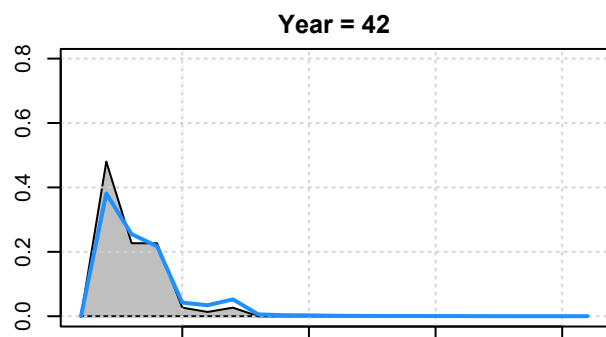
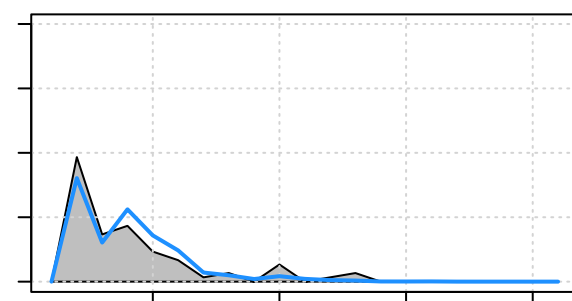
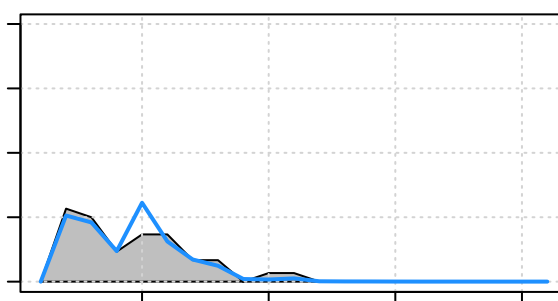
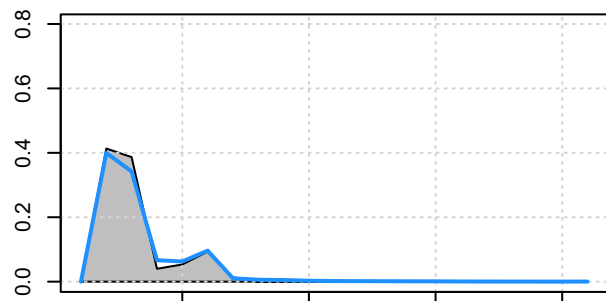
Fleet 1



Length Comp Residuals (Observed-Predicted) for Fleet 1

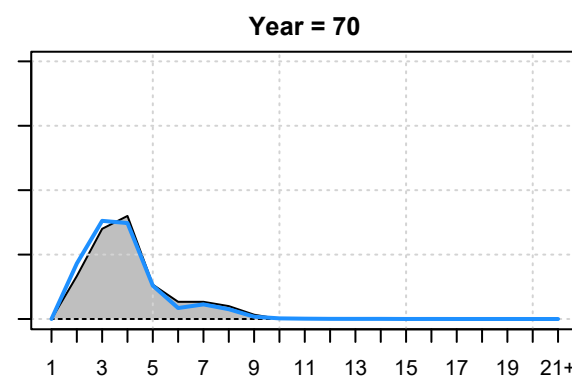
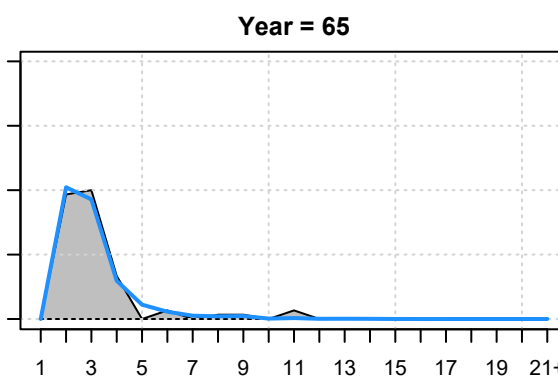
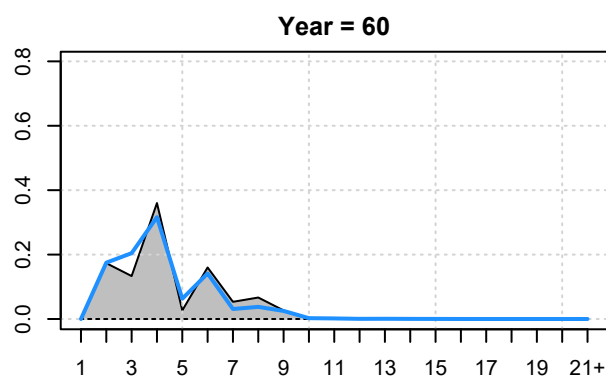
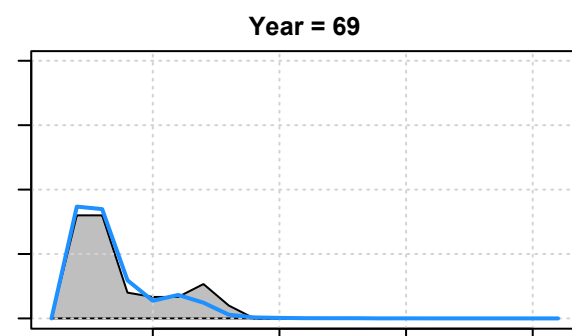
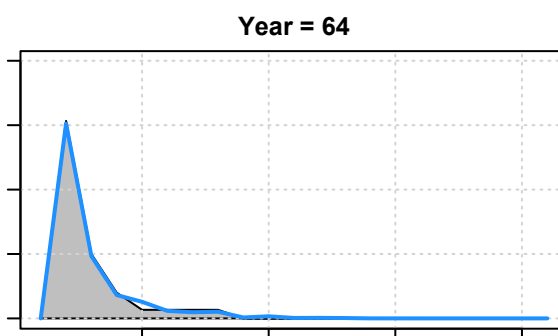
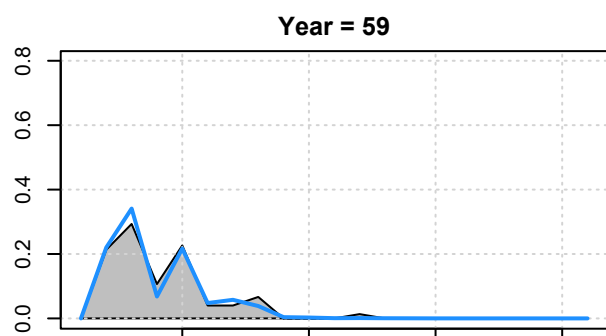
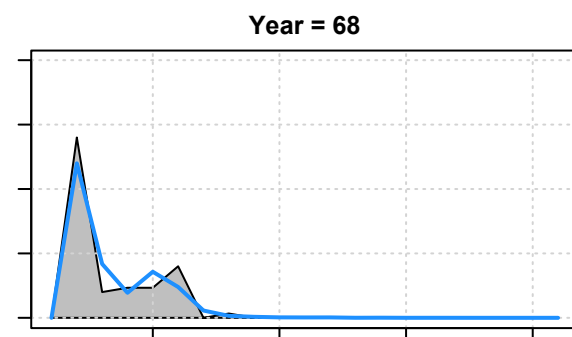
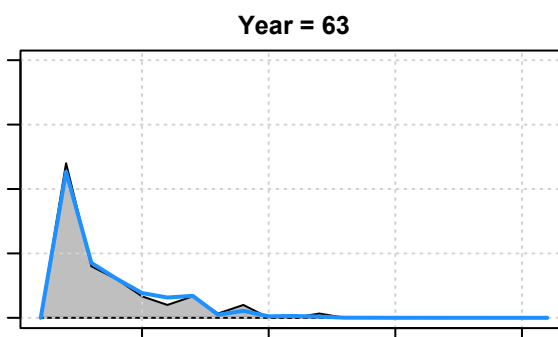
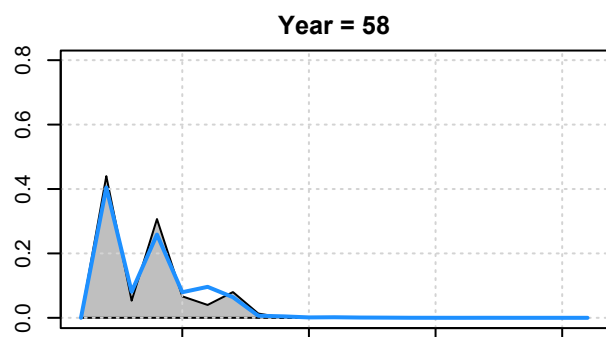
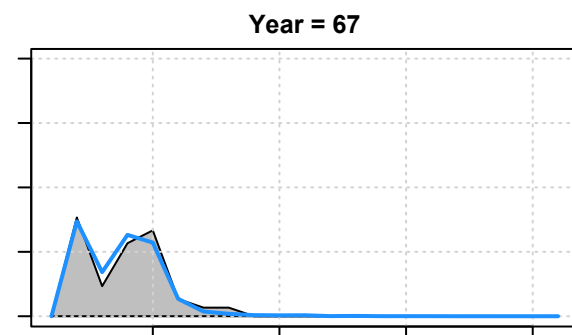
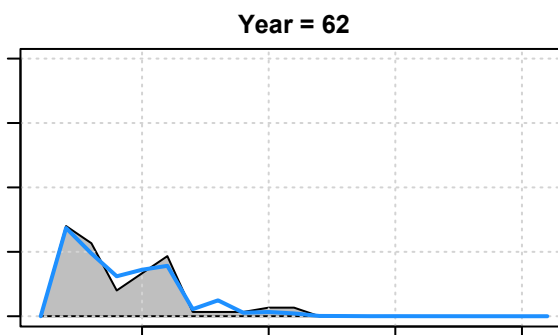
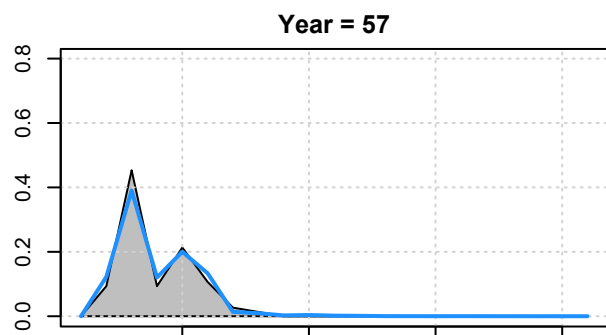
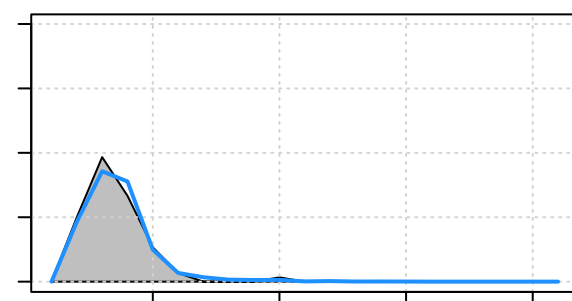
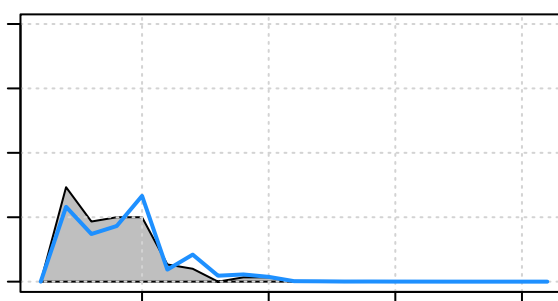
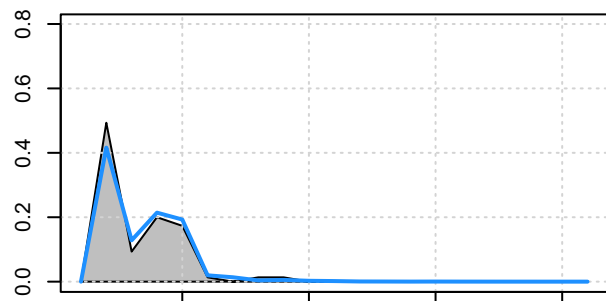


Index 1
Year = 46



Age

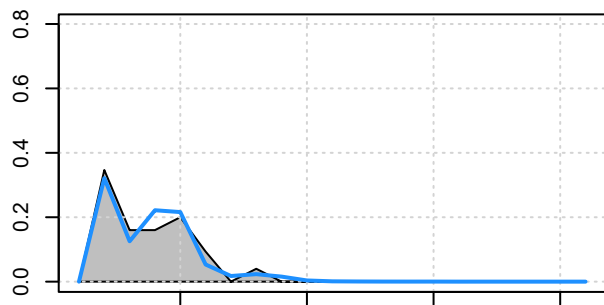
Index 1
Year = 61



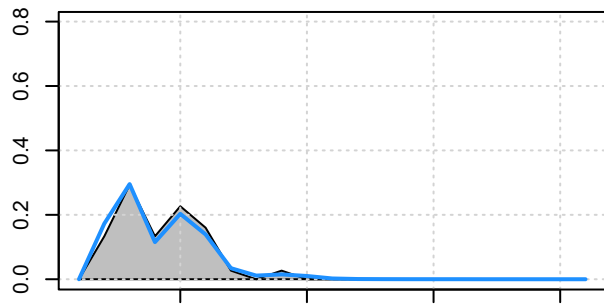
Age

Index 1

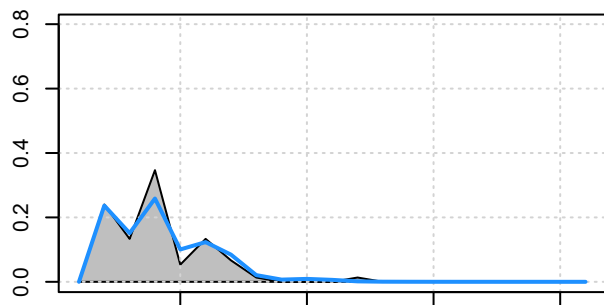
Year = 71



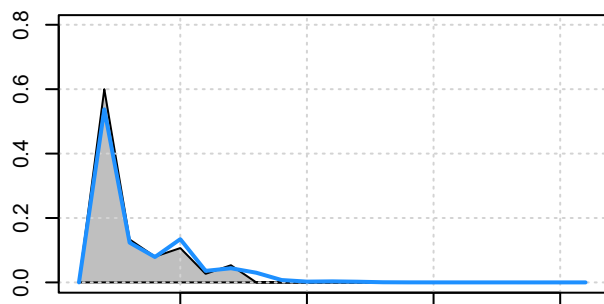
Year = 72



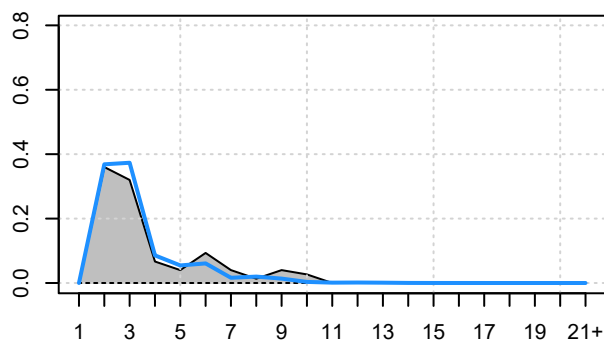
Year = 73



Year = 74

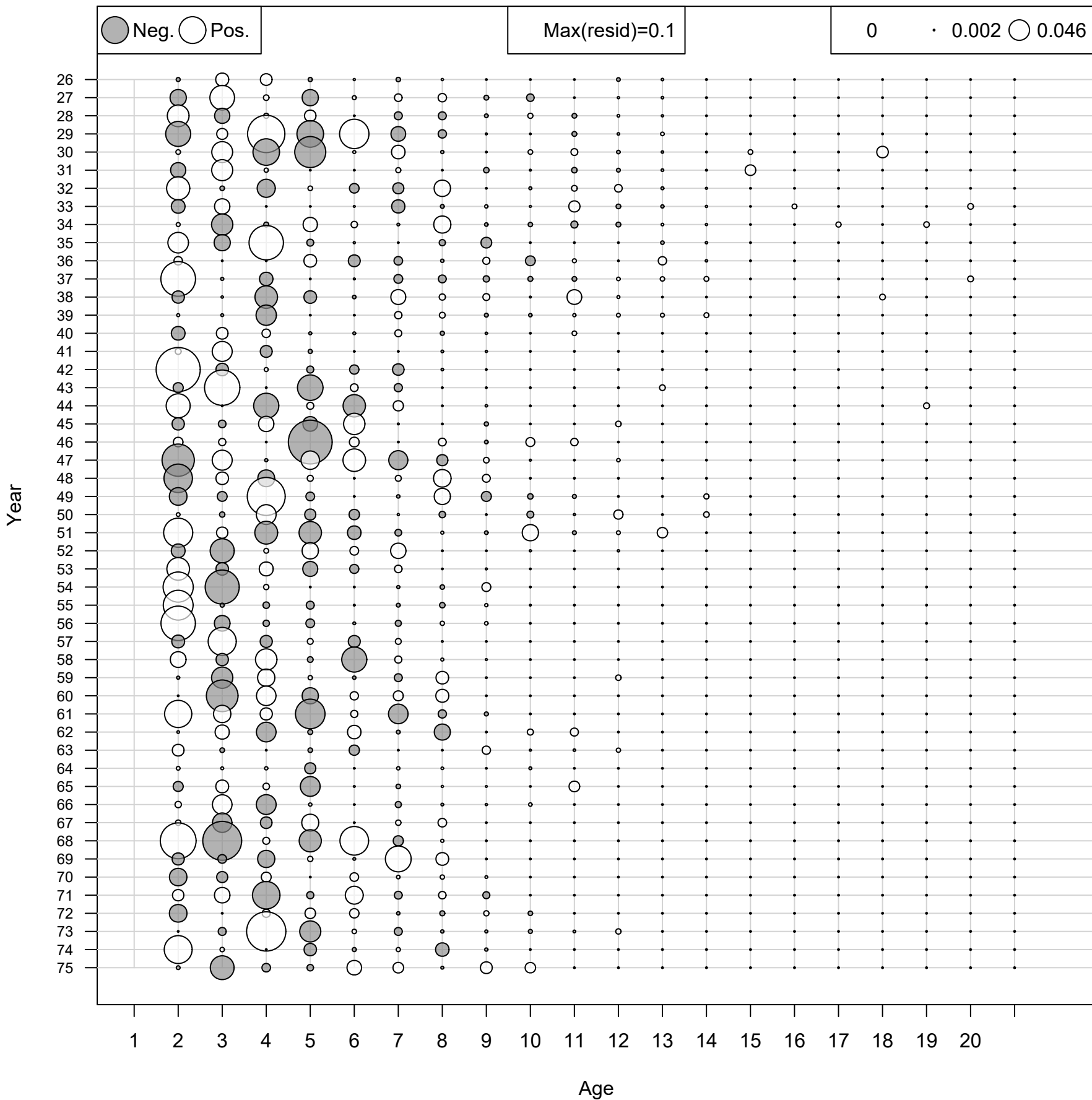


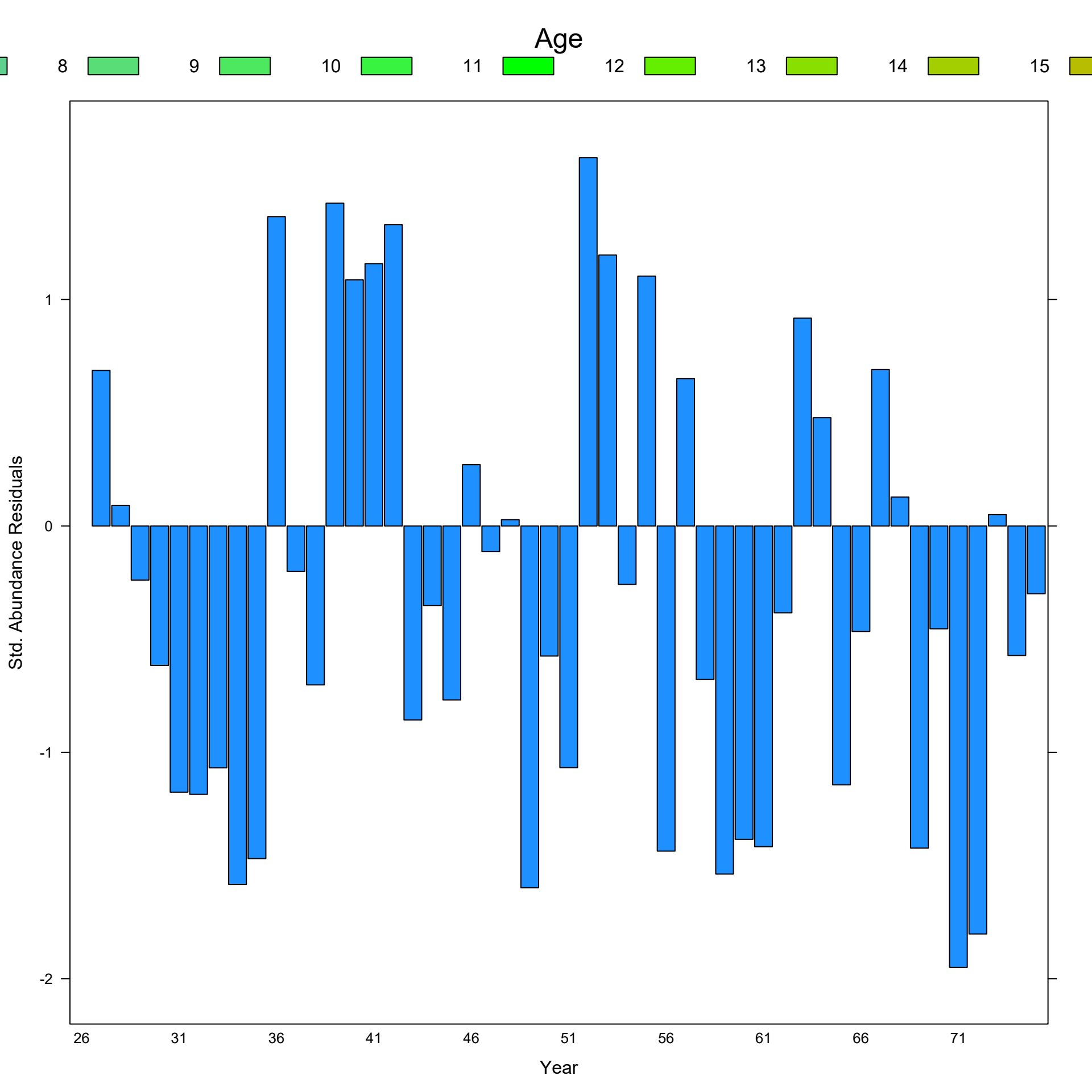
Year = 75



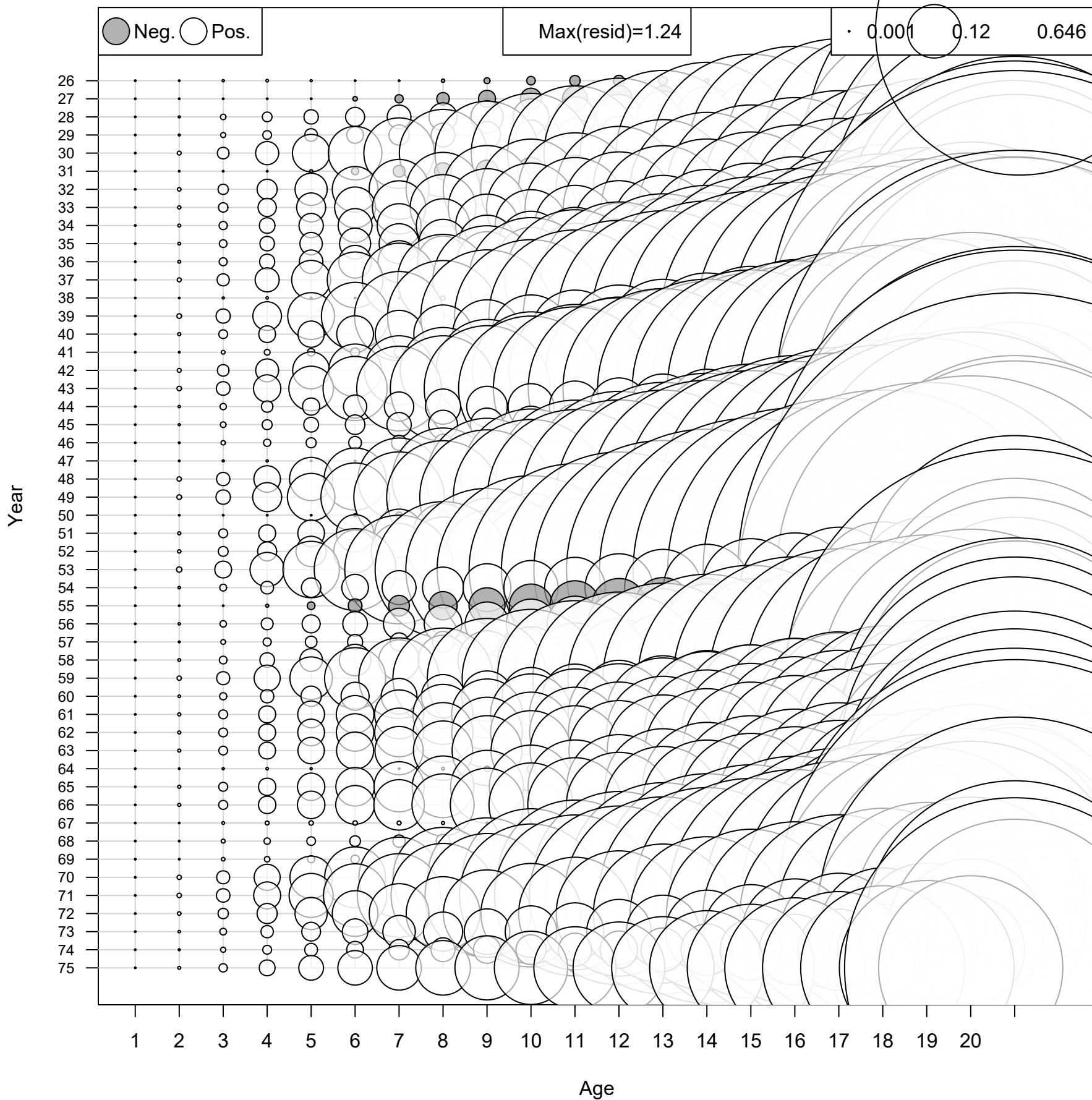
Age

Age Comp Residuals (Observed-Predicted) for Index 1





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



Weight-at-age Residuals (Observed-Predicted) for Indices 2

