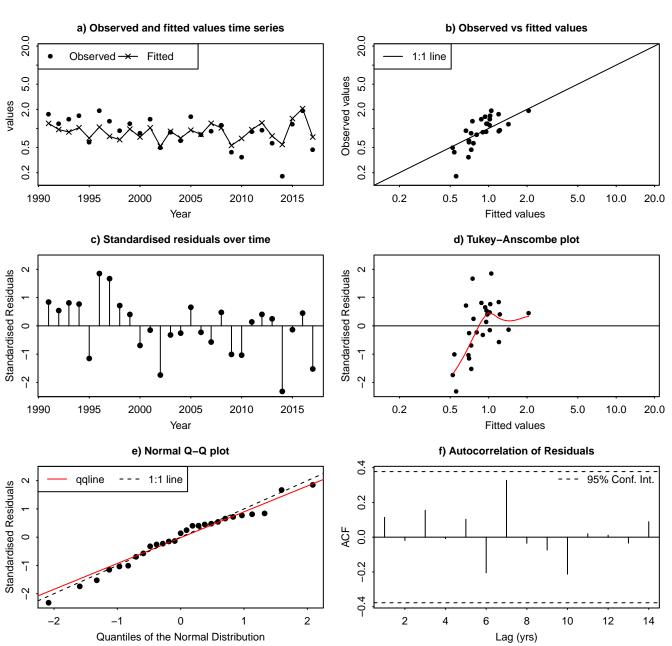
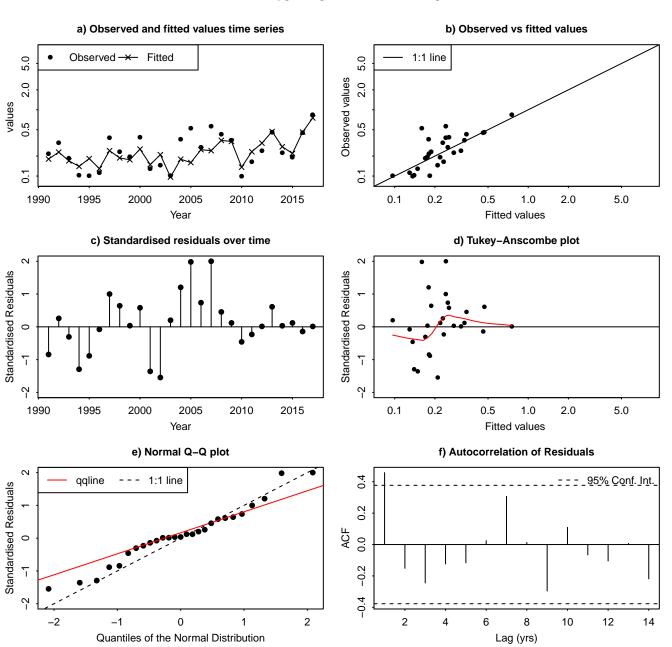
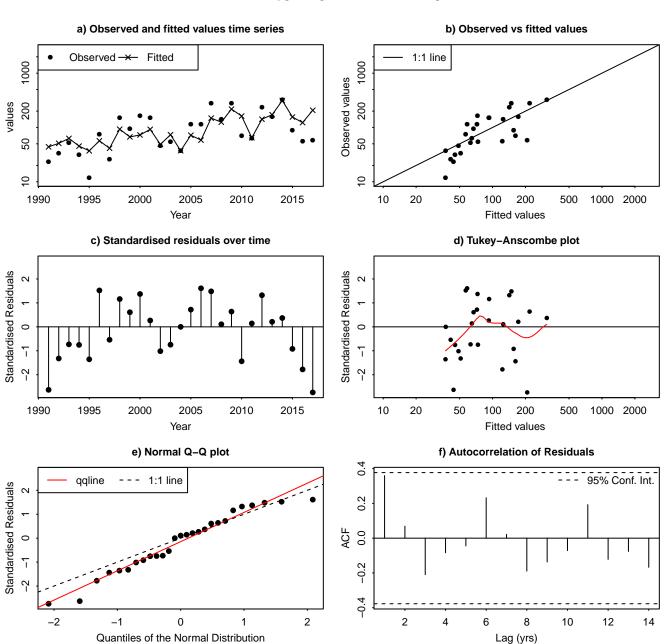


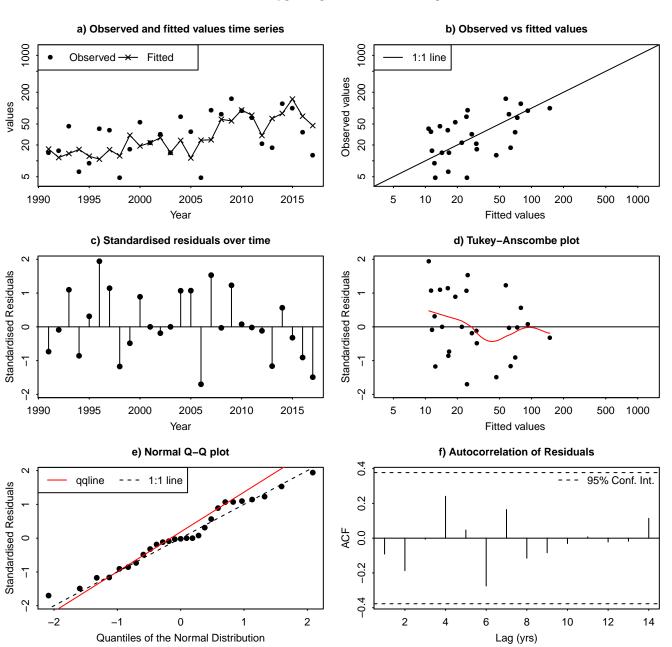
Turbot in IV pg 9 Diagnostics - BTS-ISIS, age 2

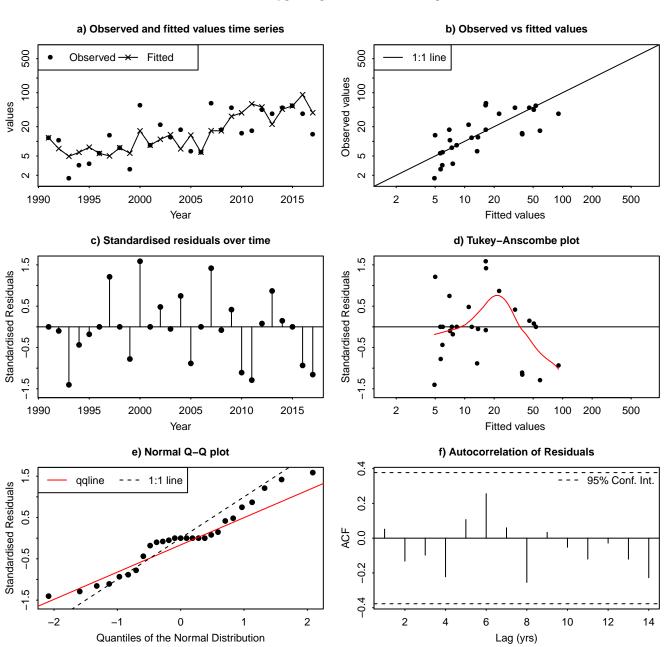


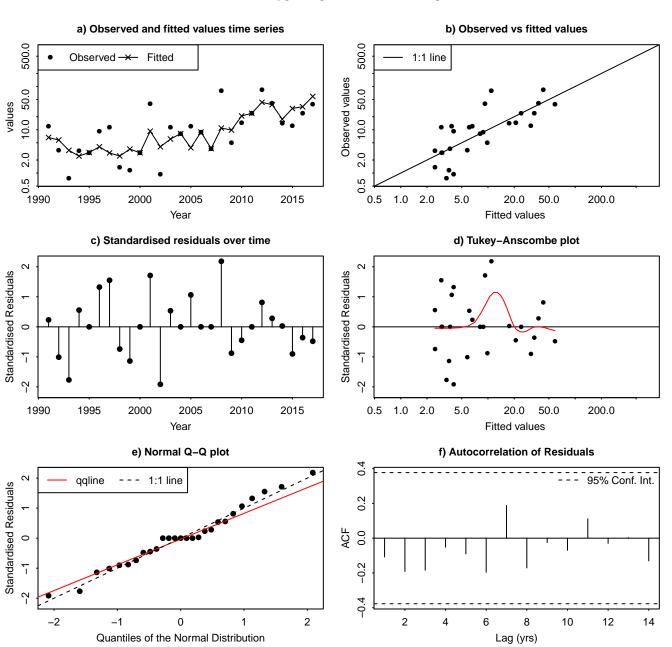


Turbot in IV pg 9 Diagnostics - BTS-ISIS, age 4

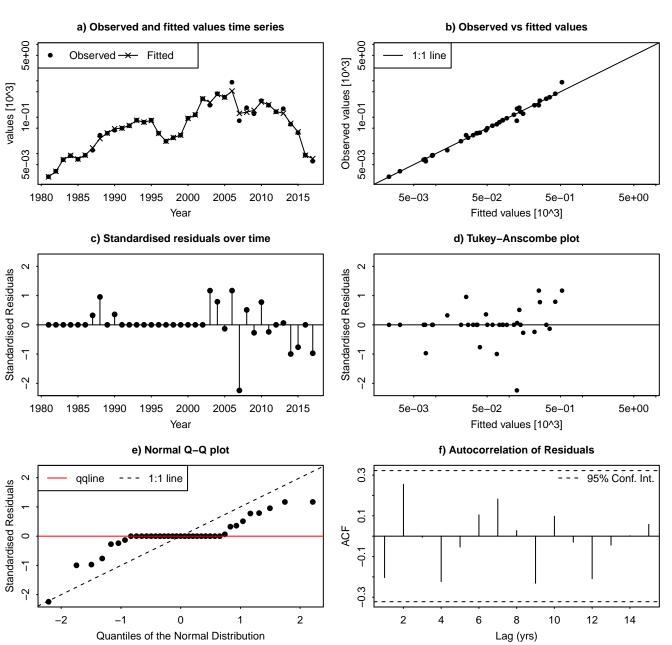




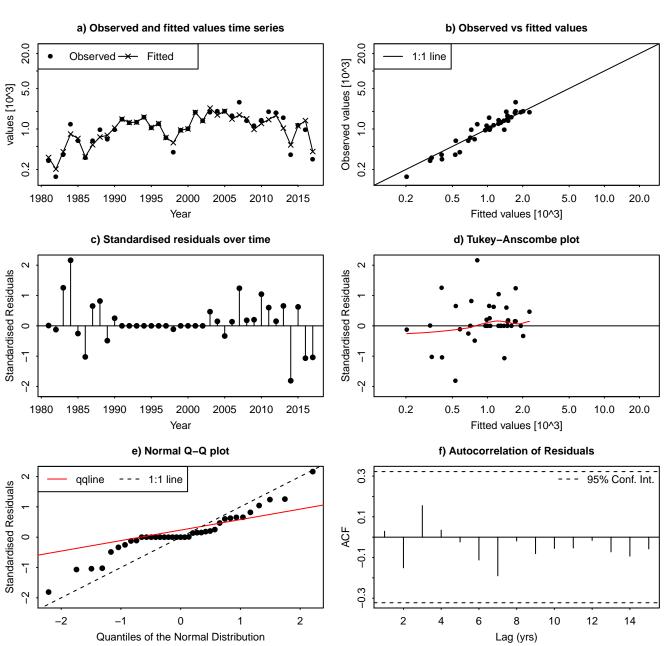




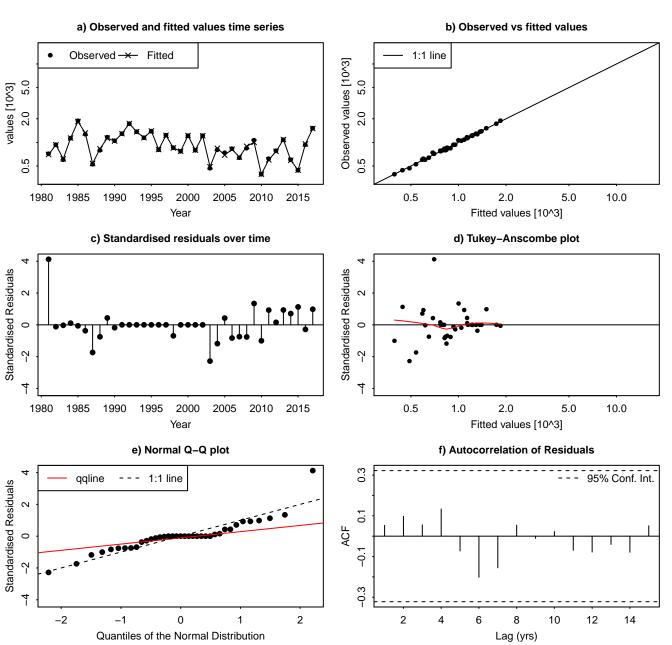
Turbot in IV pg 9 Diagnostics – catch unique, age 1



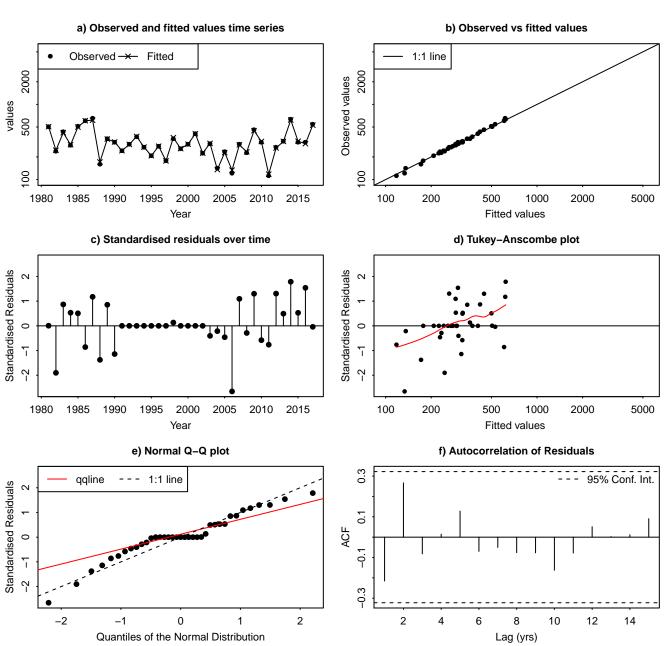
Turbot in IV pg 9 Diagnostics – catch unique, age 2



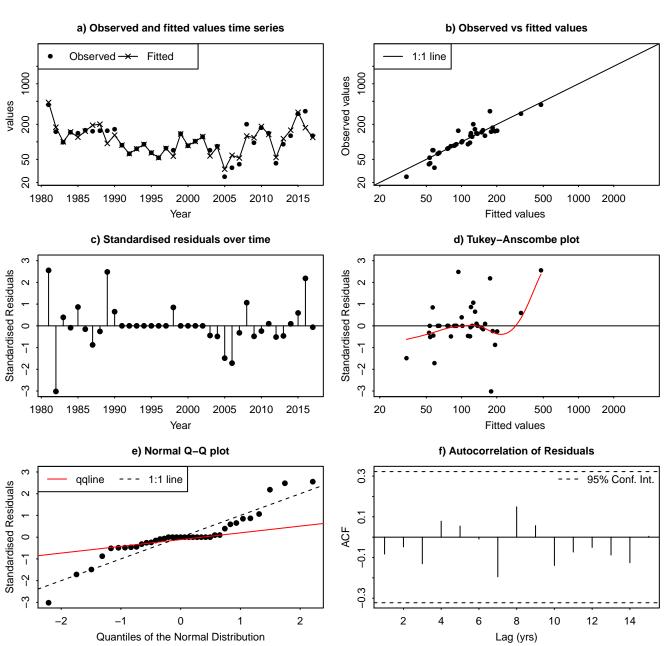
Turbot in IV pg 9 Diagnostics – catch unique, age 3



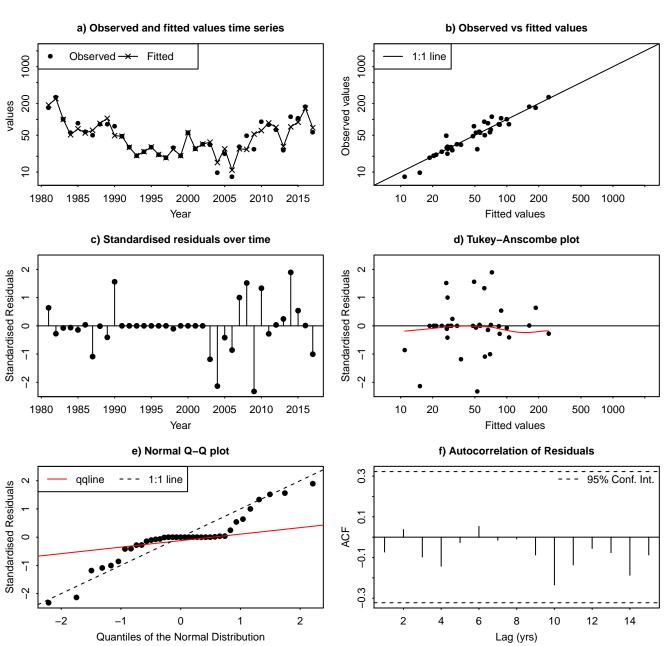
Turbot in IV pg 9 Diagnostics – catch unique, age 4



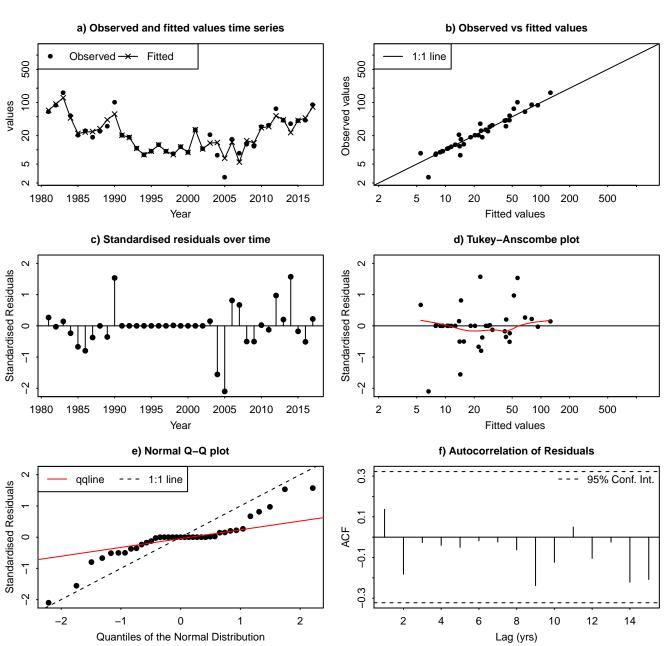
Turbot in IV pg 9 Diagnostics – catch unique, age 5



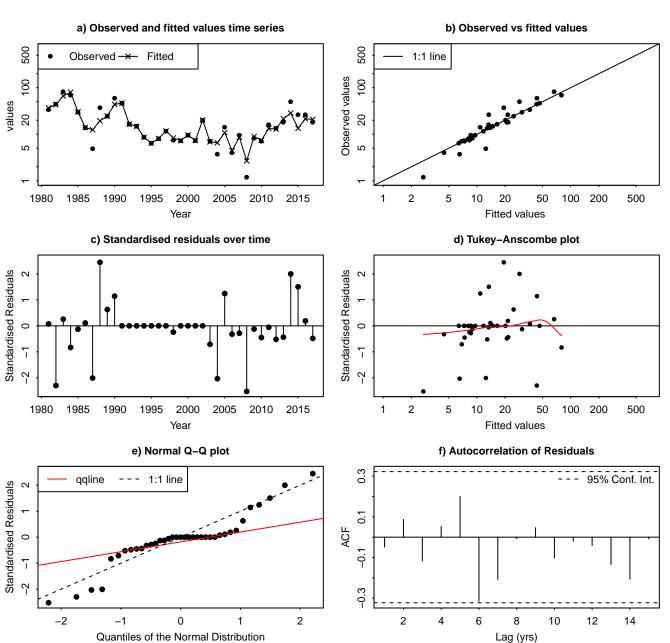
Turbot in IV pg 9 Diagnostics – catch unique, age 6



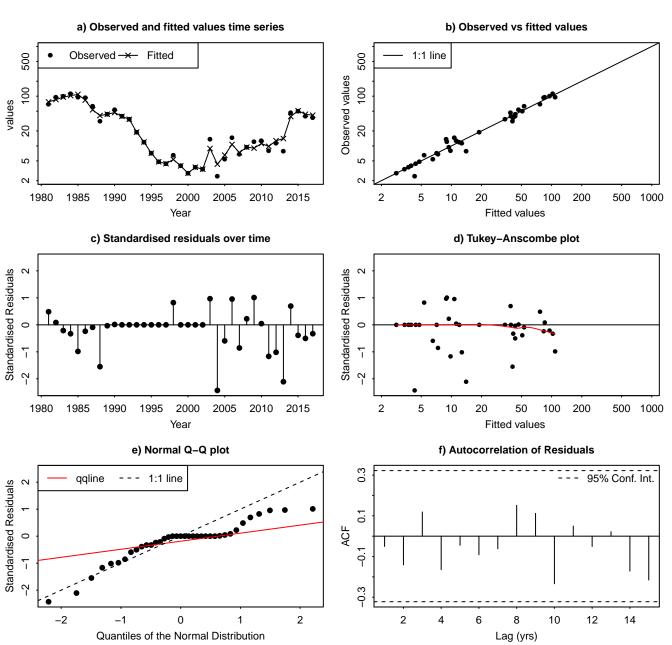
Turbot in IV pg 9 Diagnostics – catch unique, age 7



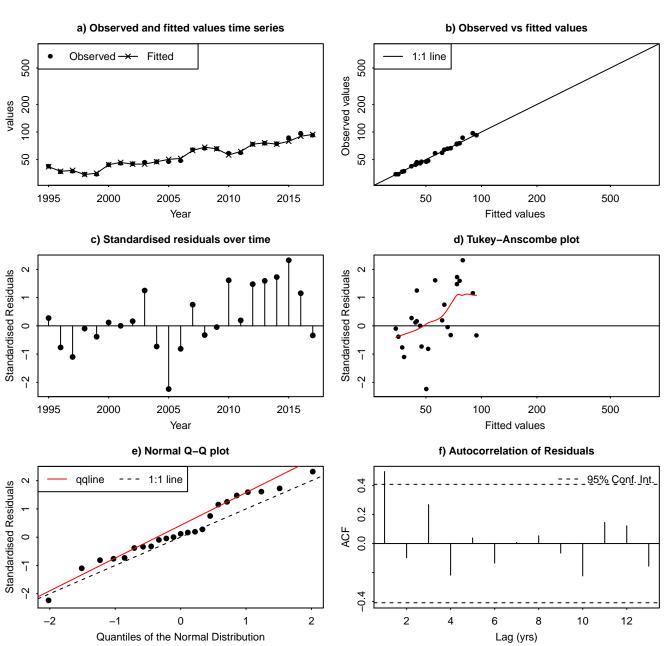
Turbot in IV pg 9 Diagnostics - catch unique, age 8

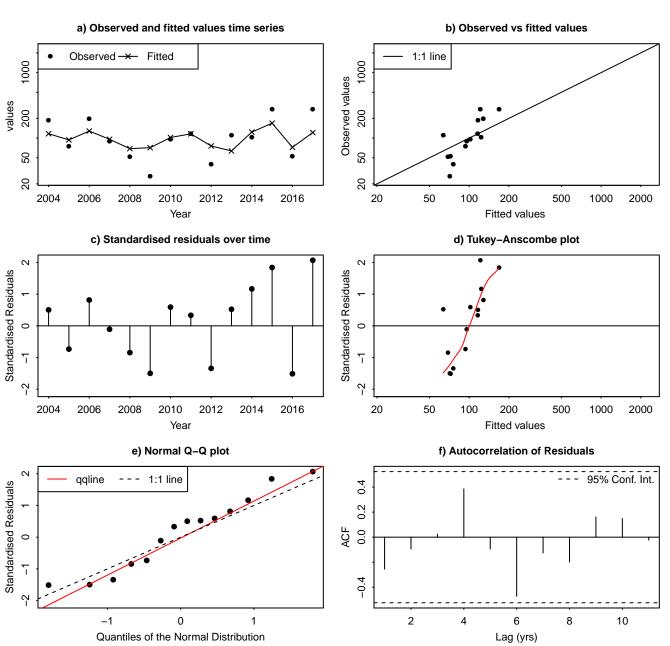


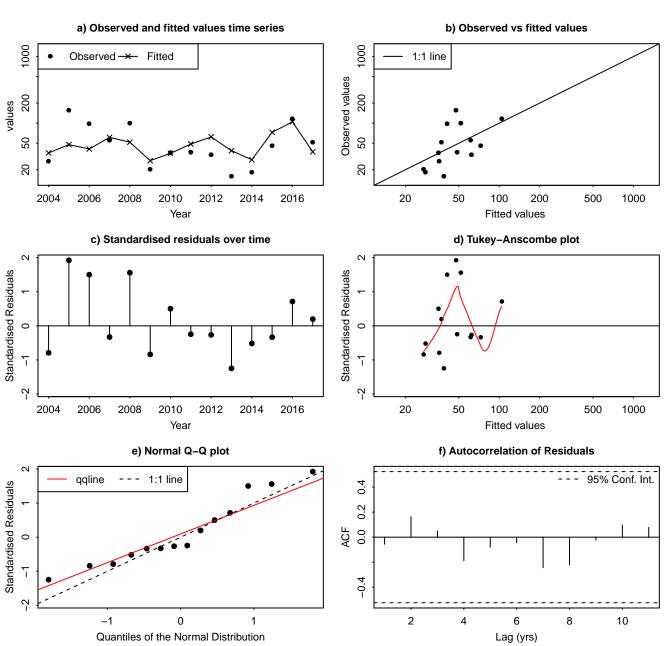
Turbot in IV pg 9 Diagnostics – catch unique, age 9



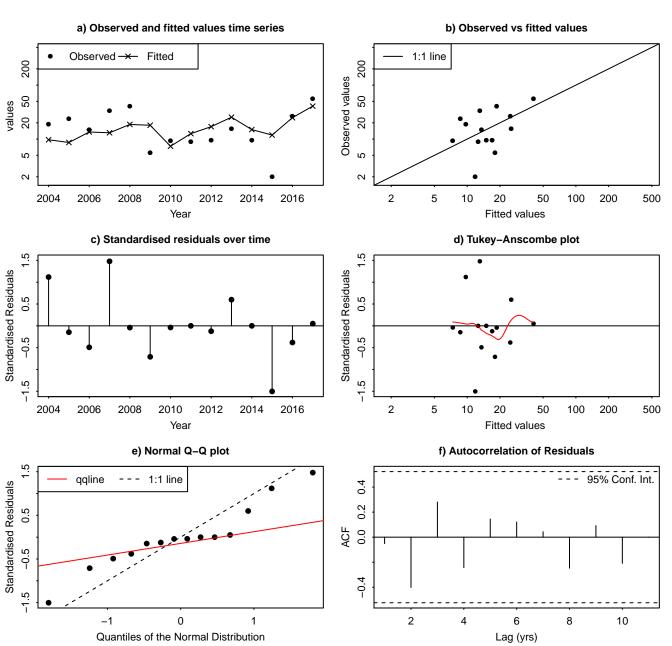
Turbot in IV pg 9 Diagnostics - NL\_LPUE, age -1



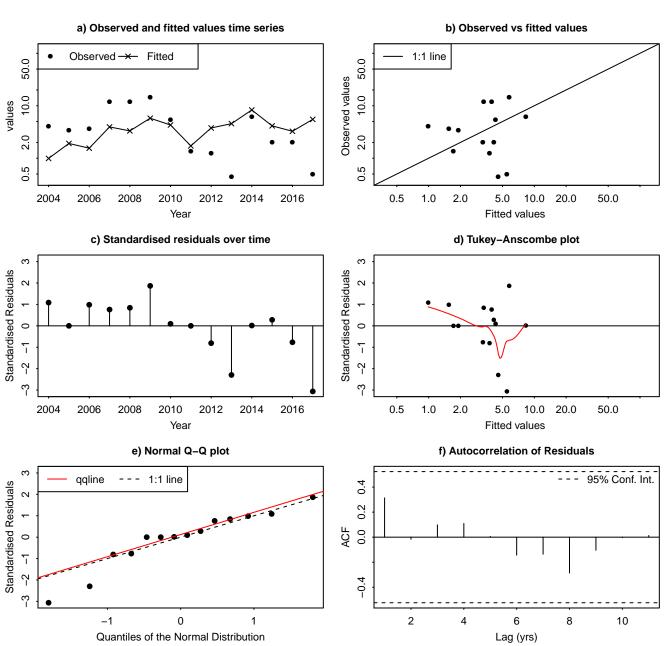




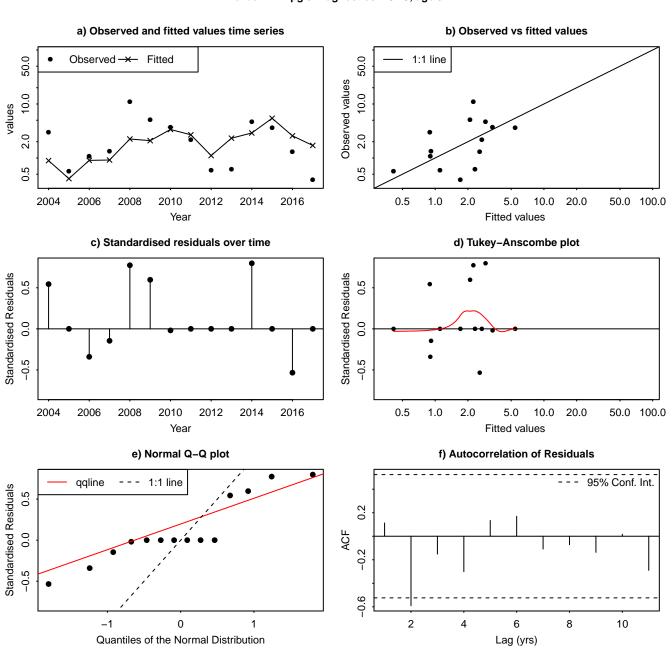
Turbot in IV pg 9 Diagnostics - SNS, age 3



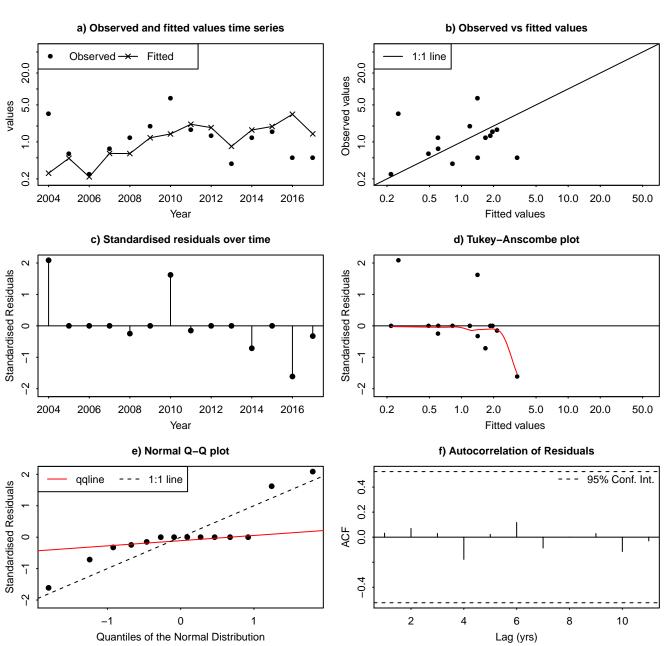
Turbot in IV pg 9 Diagnostics – SNS, age 4



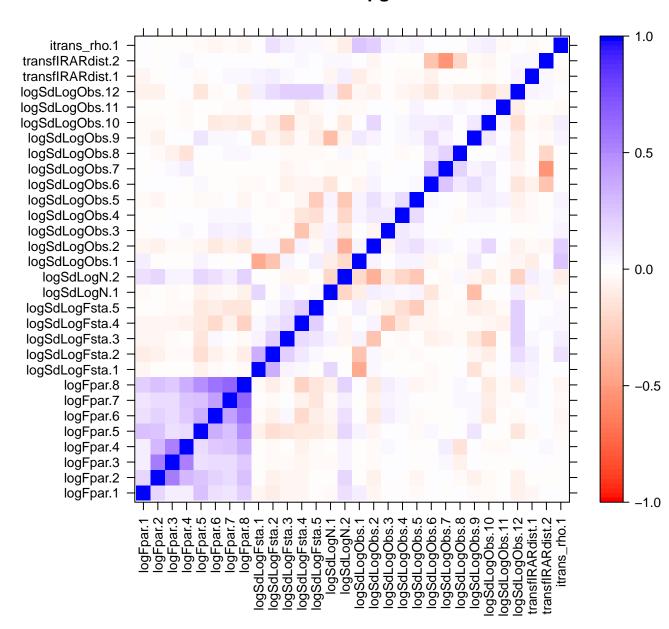
Turbot in IV pg 9 Diagnostics – SNS, age 5



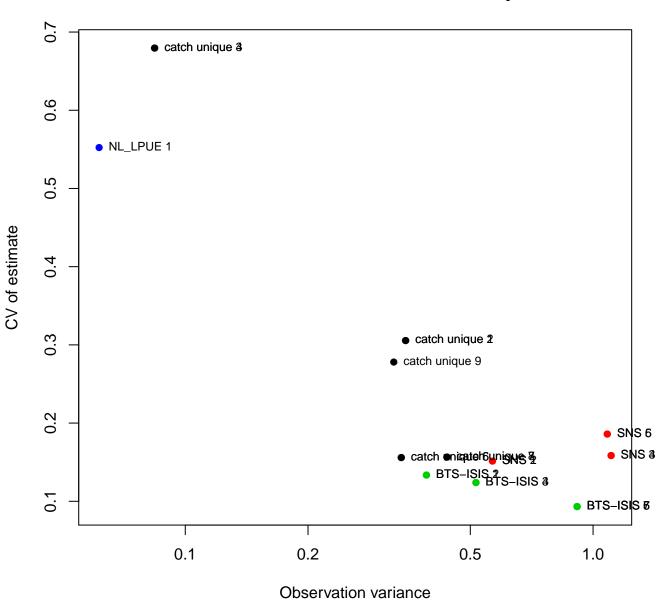
Turbot in IV pg 9 Diagnostics – SNS, age 6



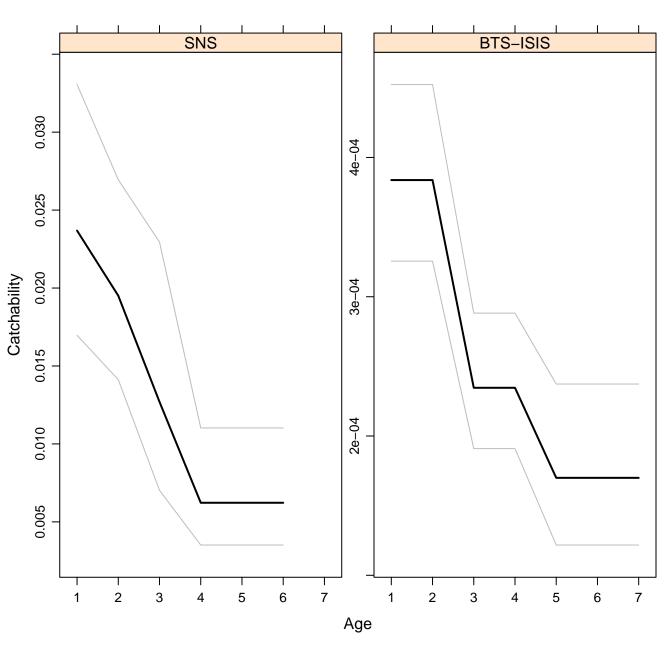
#### **Turbot in IV pg 9**



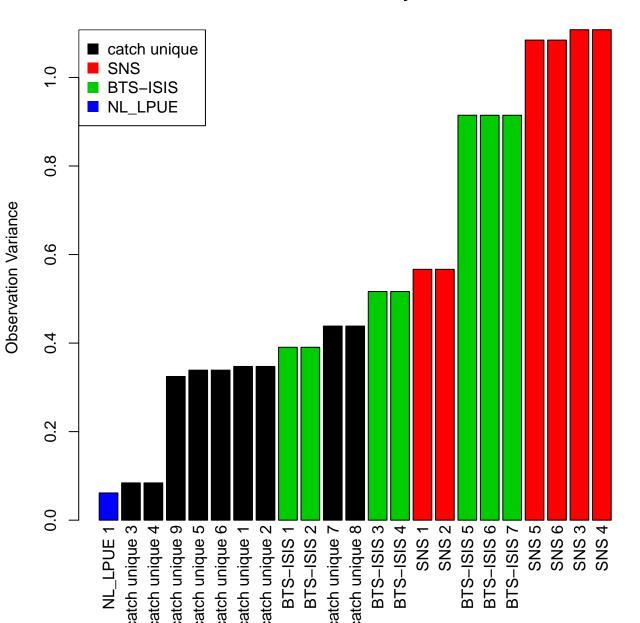
### **Observation variance vs uncertainty**



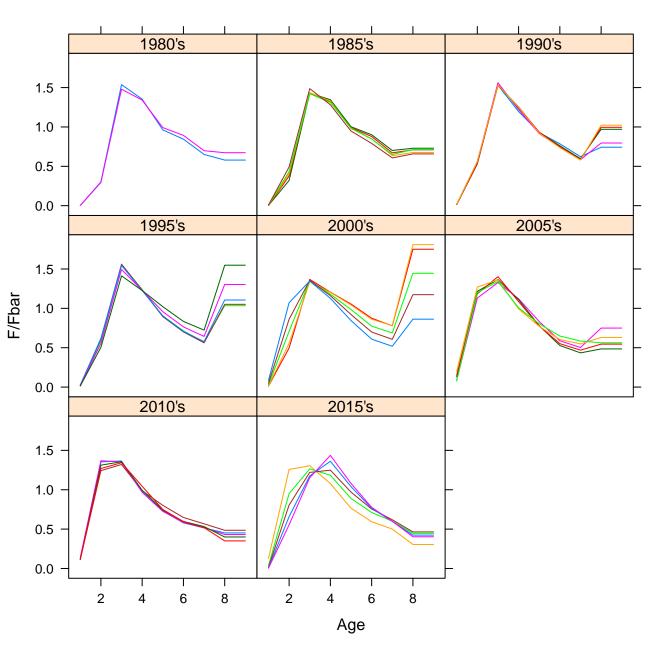
Survey catchability parameters



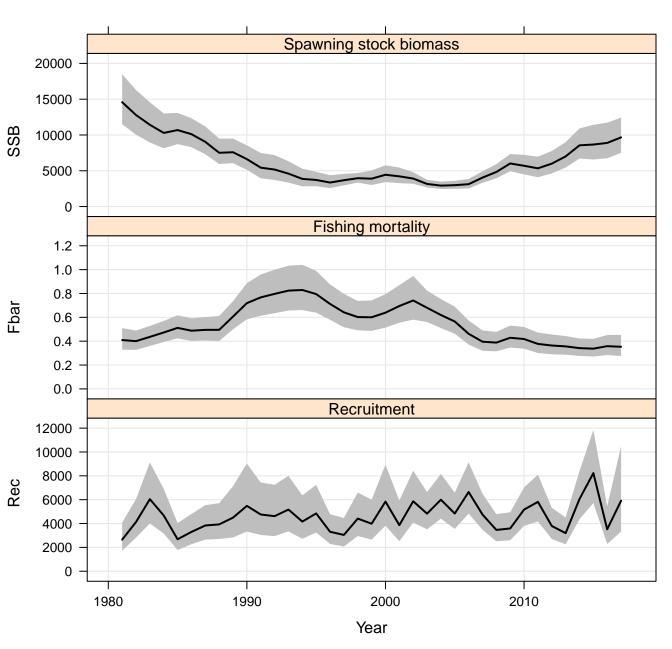
### Observation variances by data source



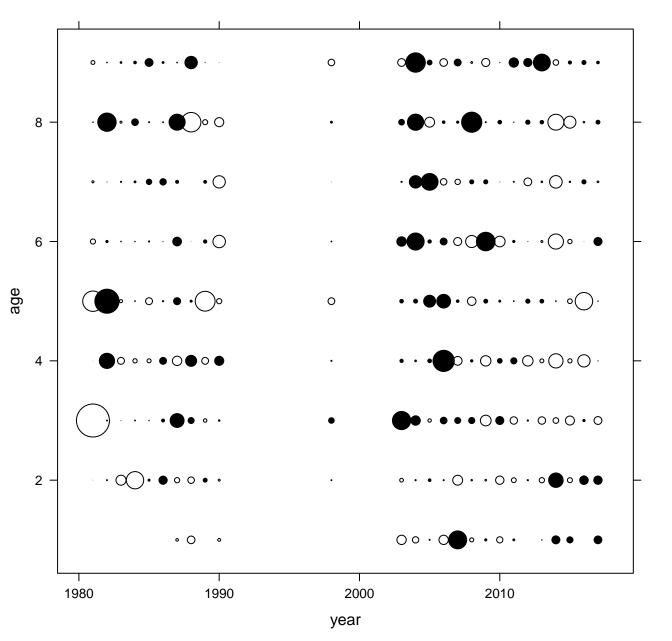
## Selectivity of the Fishery by Pentad



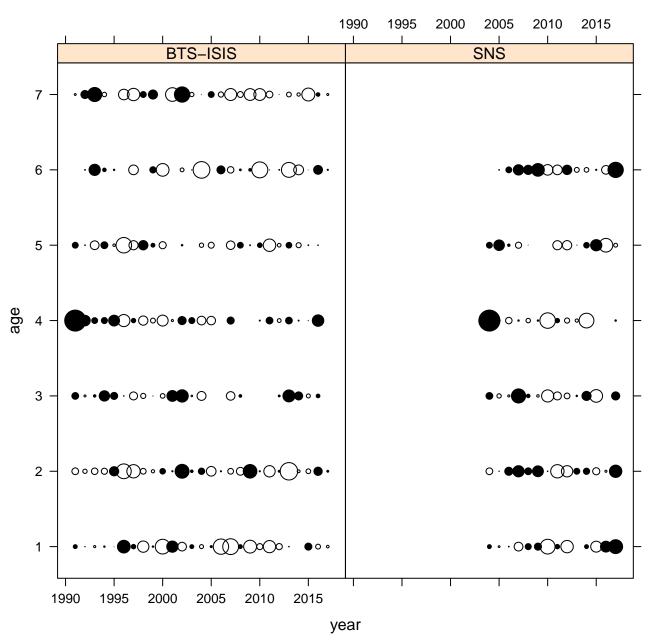
Turbot in IV pg 9

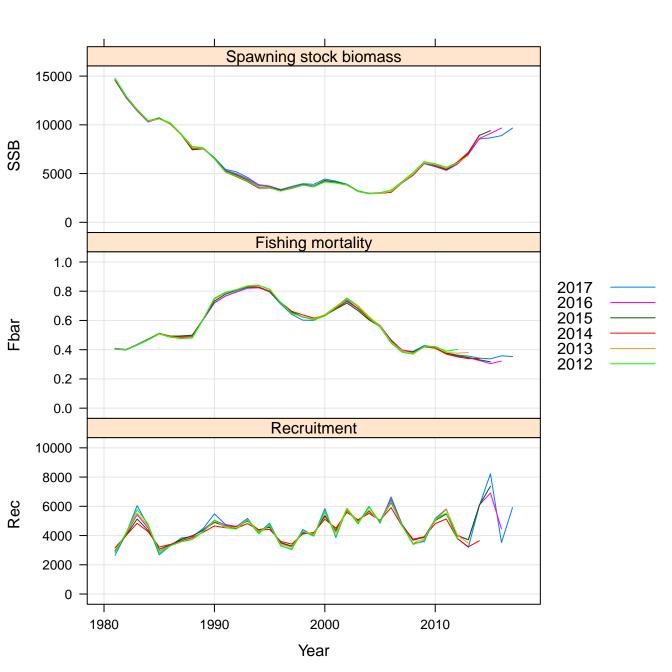


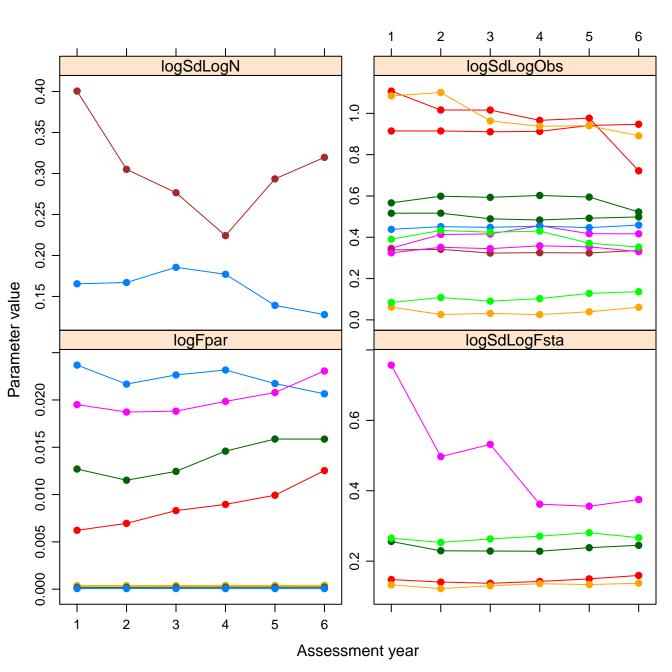
# Residuals by year Catch

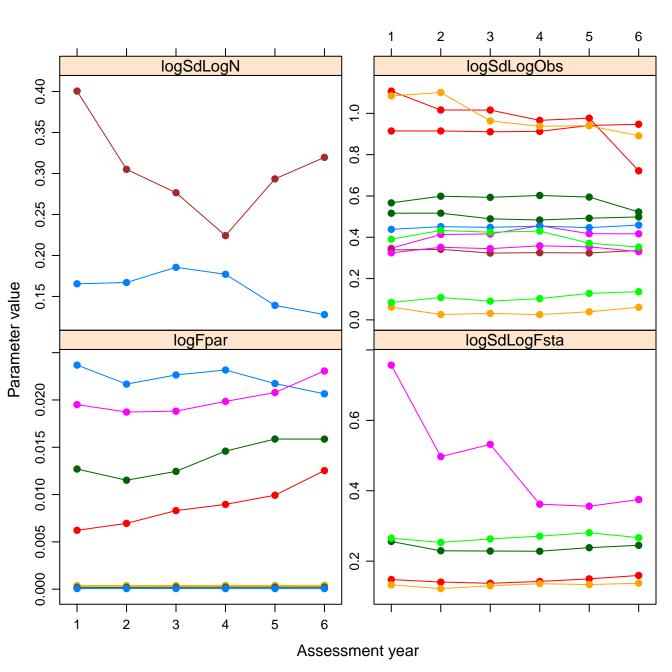


## Residuals by survey

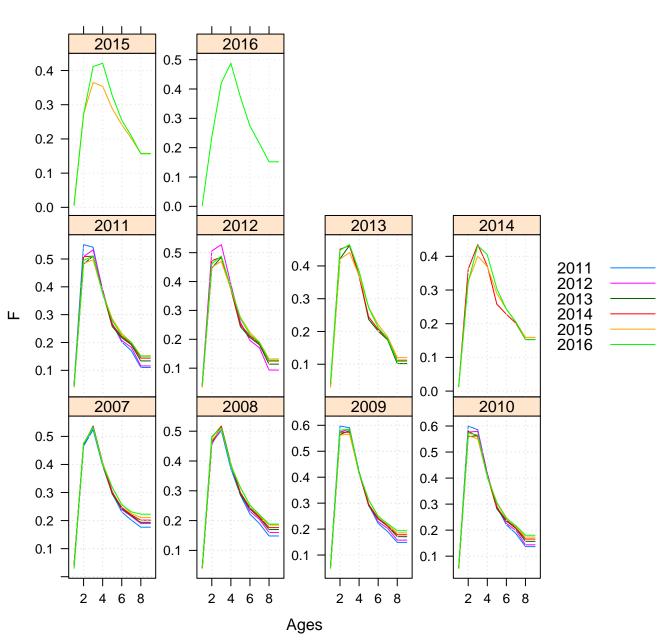








## Retrospective pattern in F at age



## Retrospective pattern in F at age

