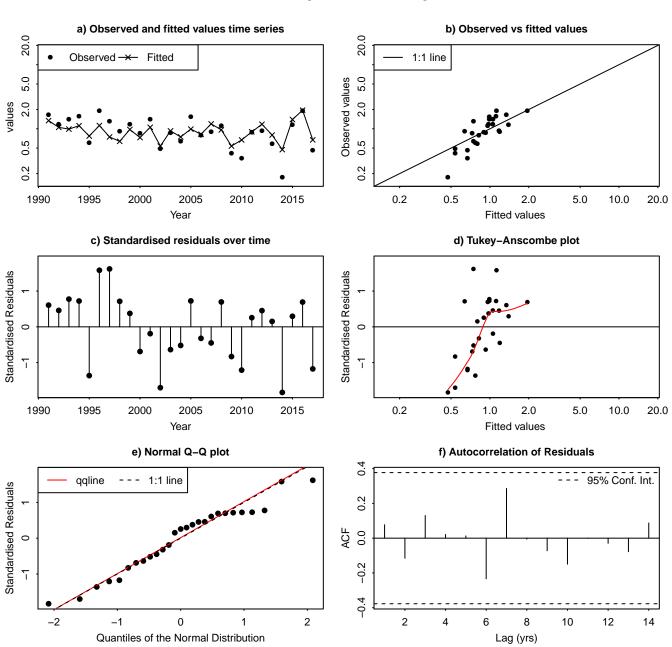
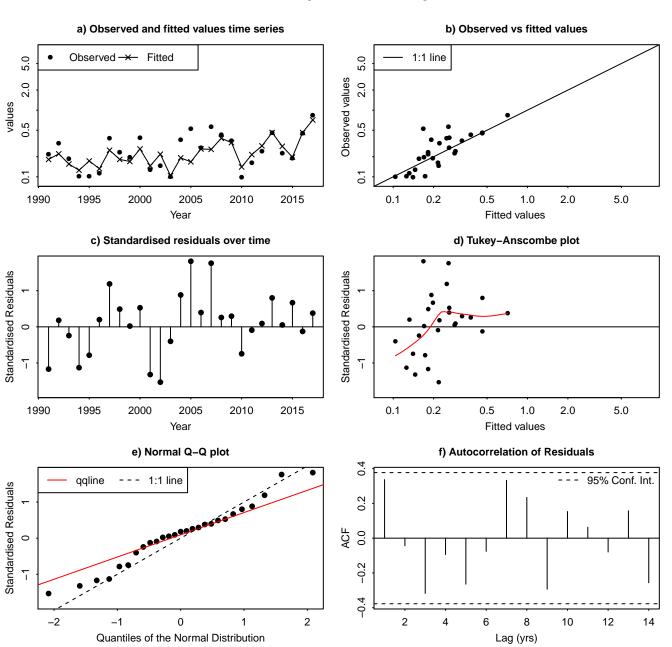
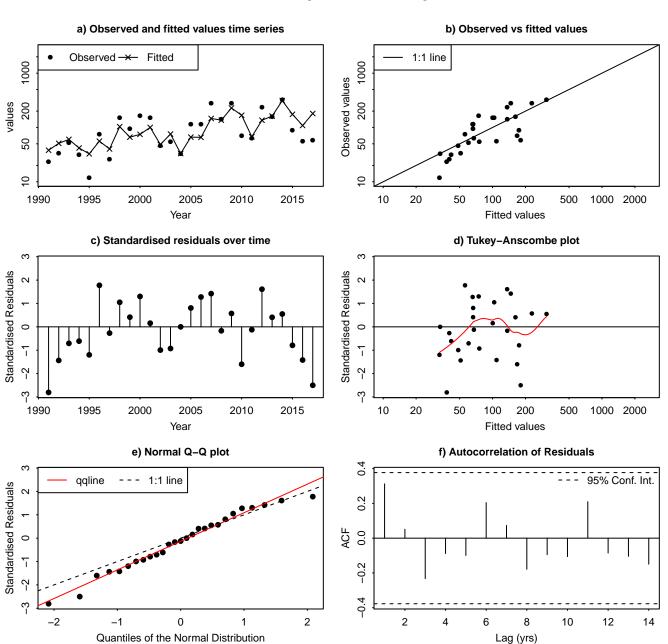
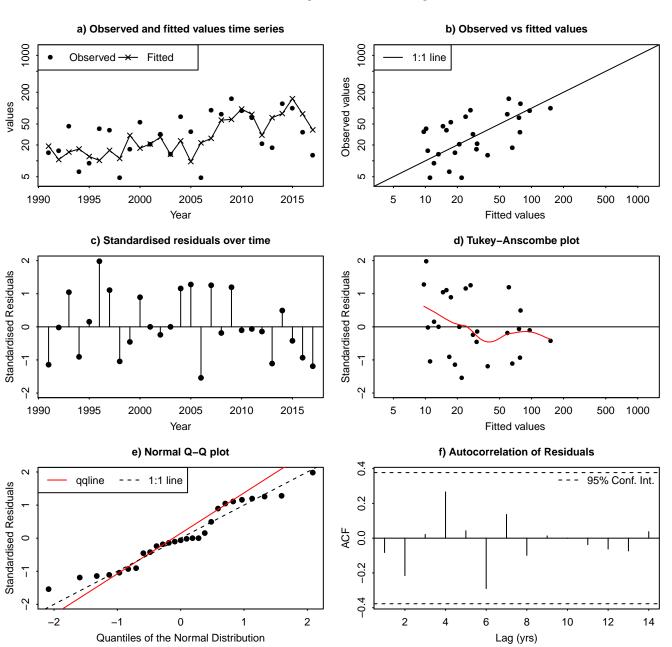


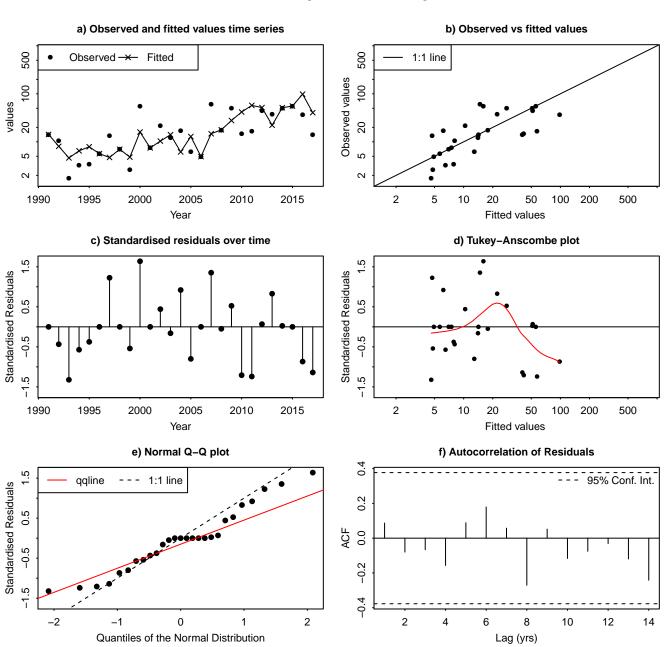
Turbot in IV Diagnostics - BTS-ISIS, age 2

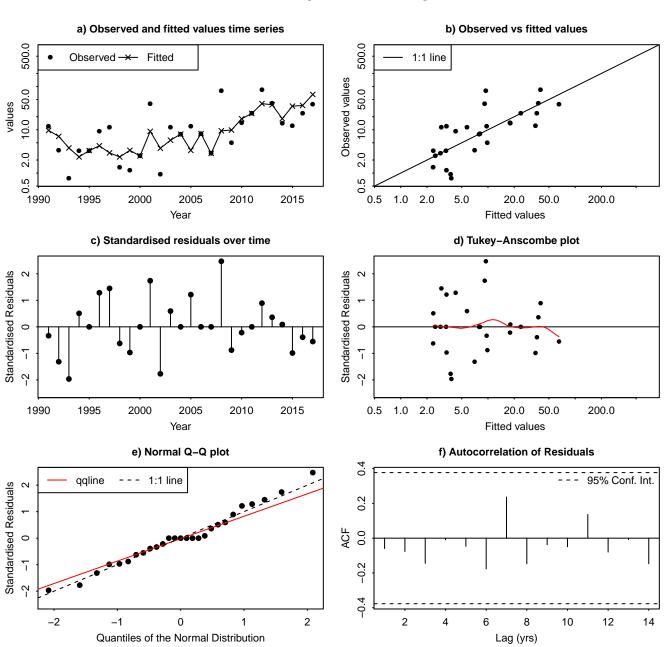


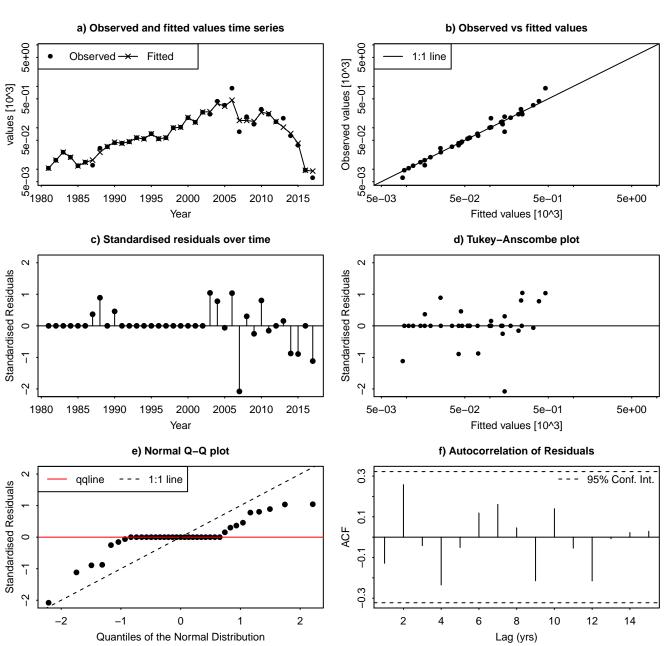




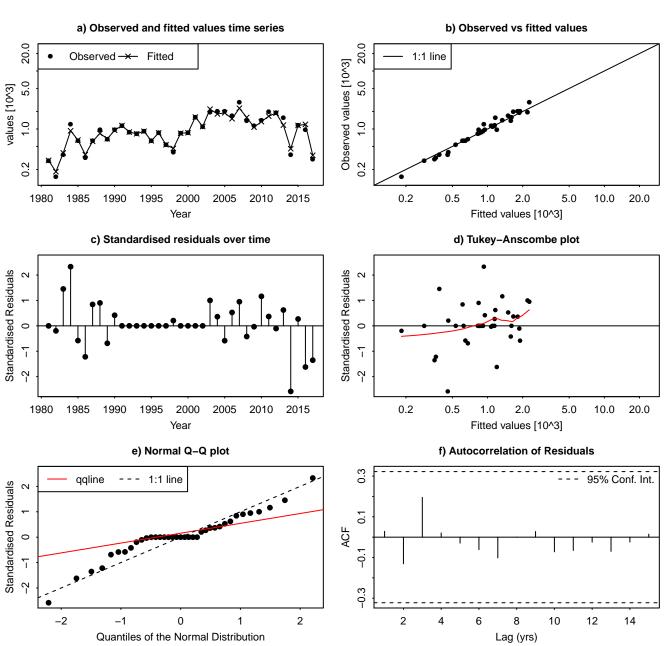




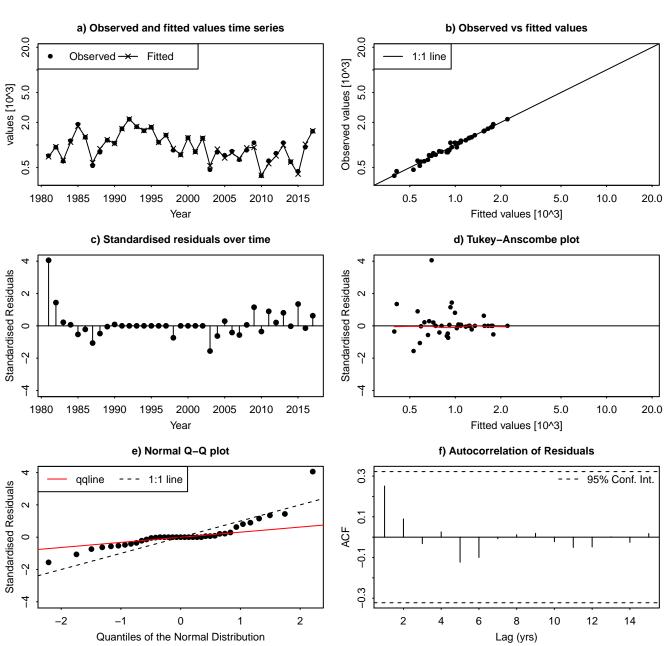


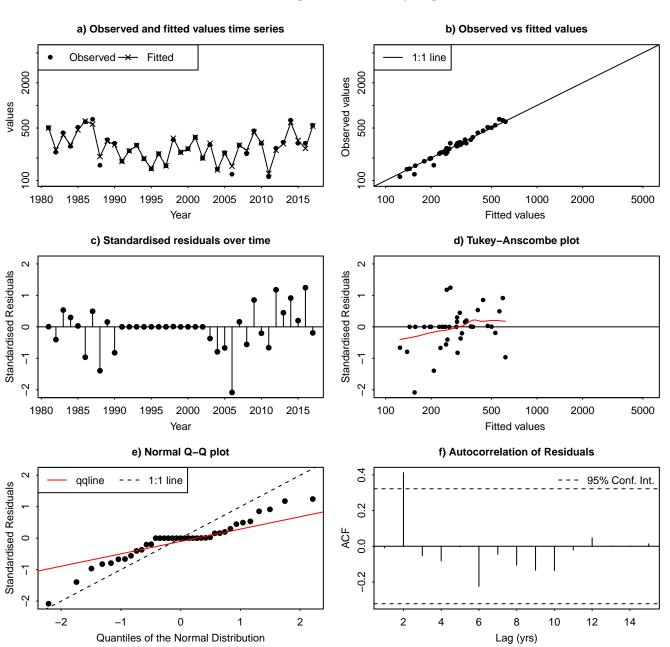


#### Turbot in IV Diagnostics – catch unique, age 2

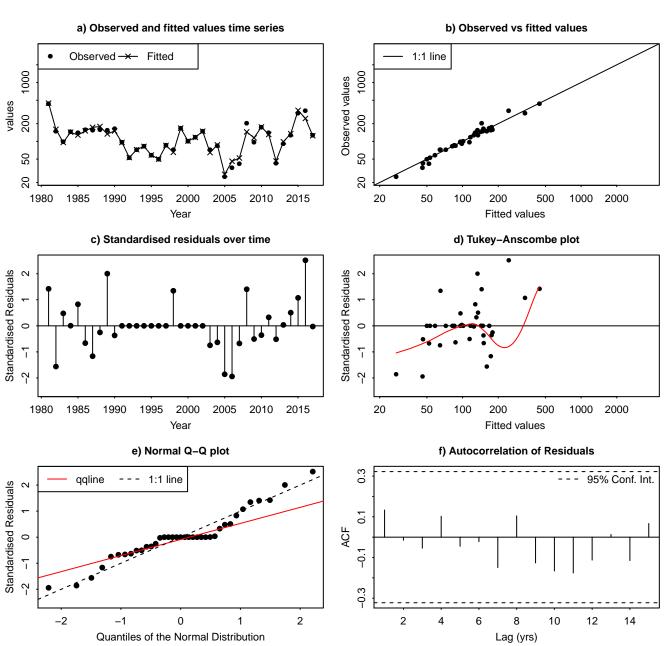


Turbot in IV Diagnostics – catch unique, age 3

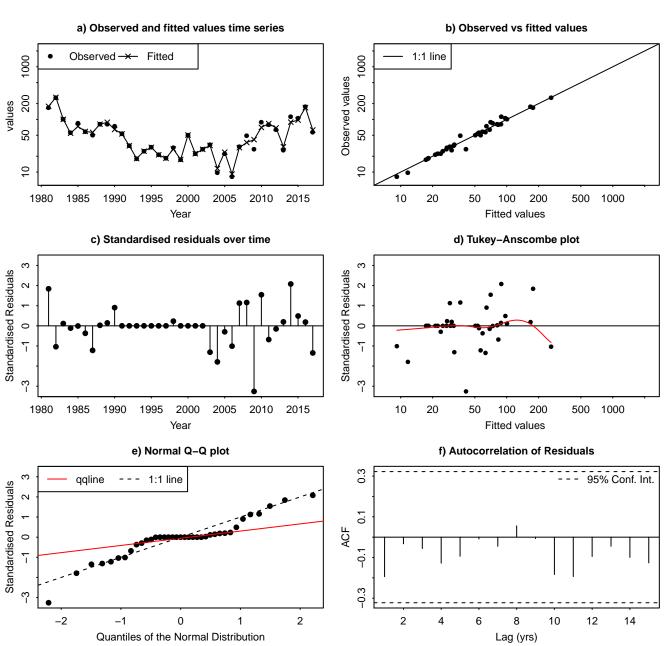




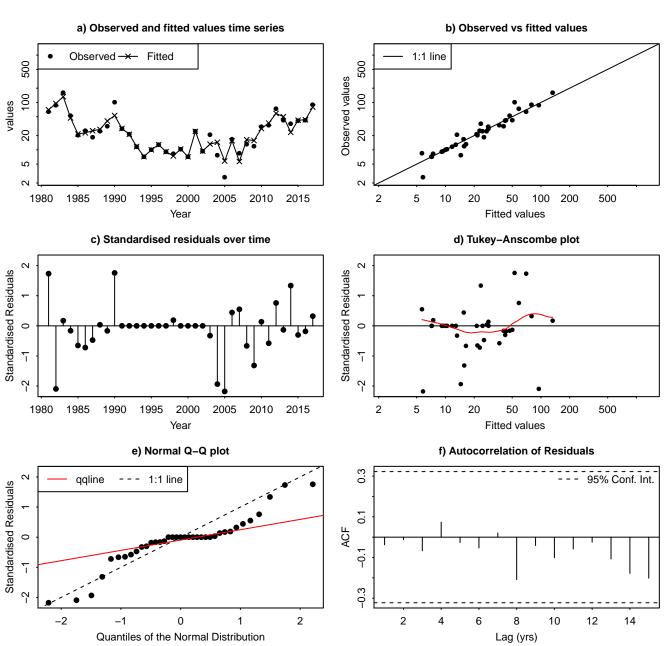
Turbot in IV Diagnostics – catch unique, age 5

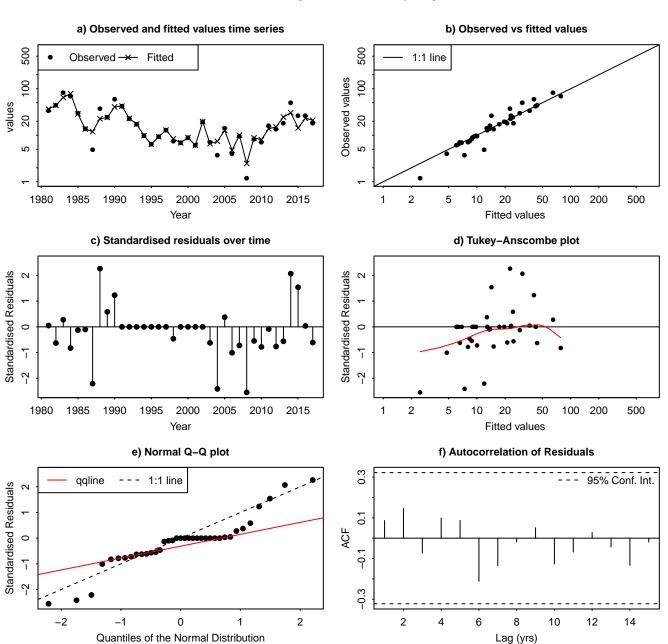


Turbot in IV Diagnostics - catch unique, age 6

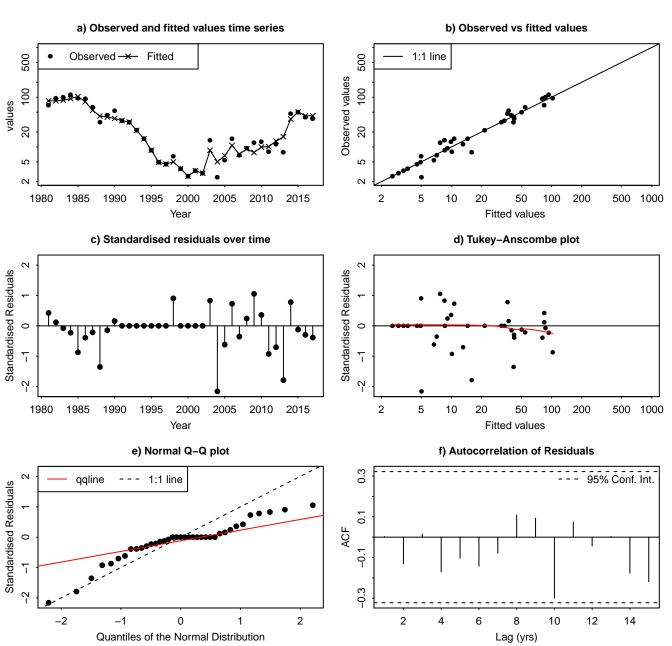


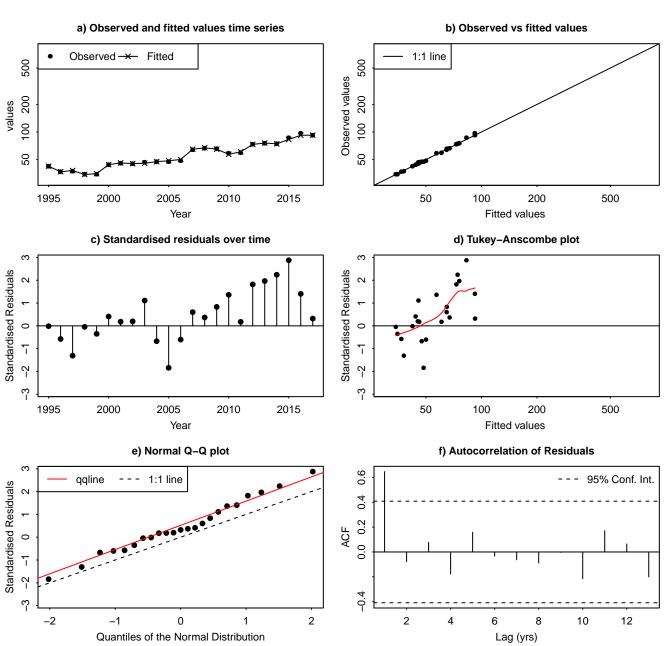
Turbot in IV Diagnostics – catch unique, age 7

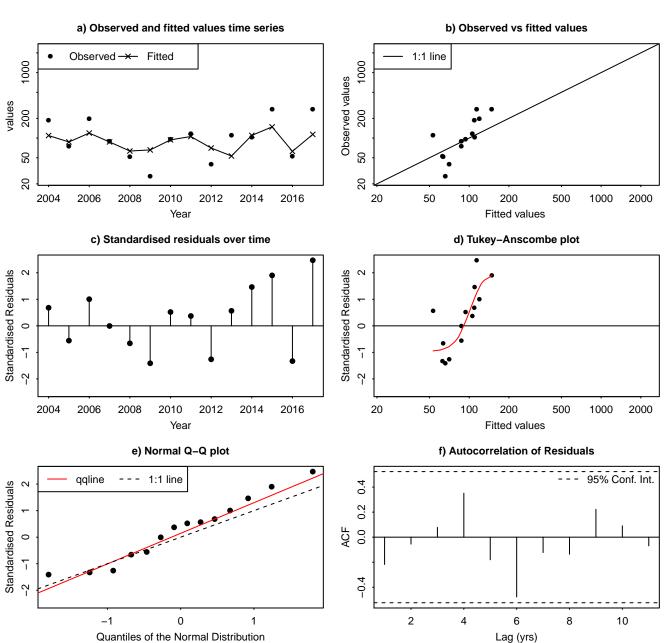


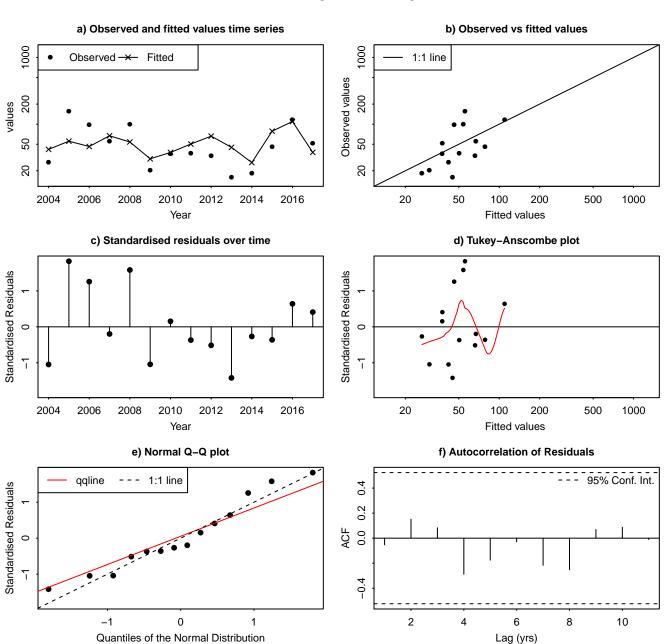


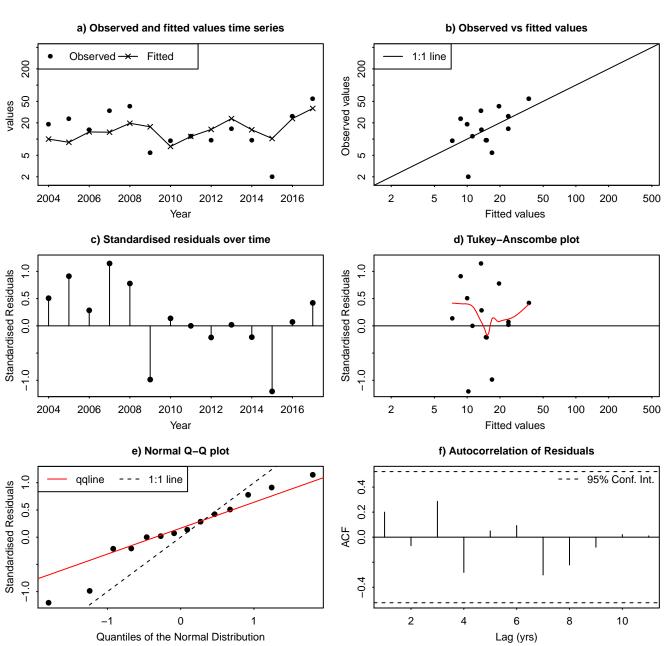
Turbot in IV Diagnostics - catch unique, age 9

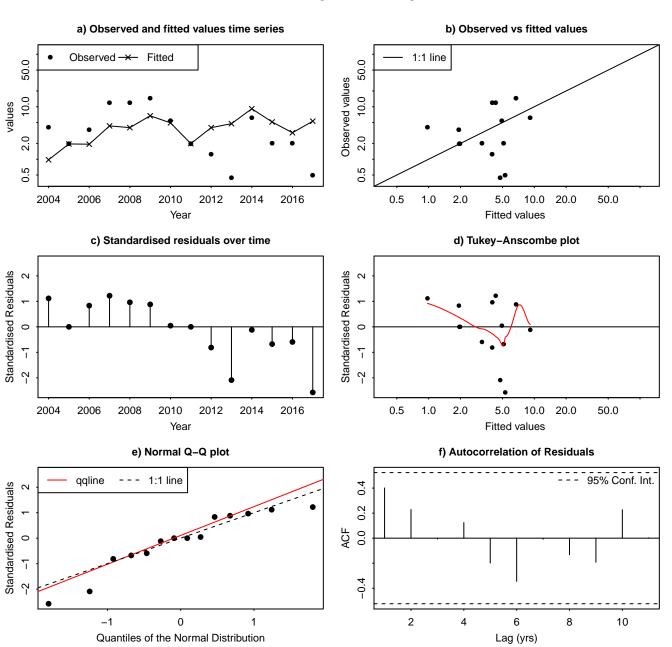


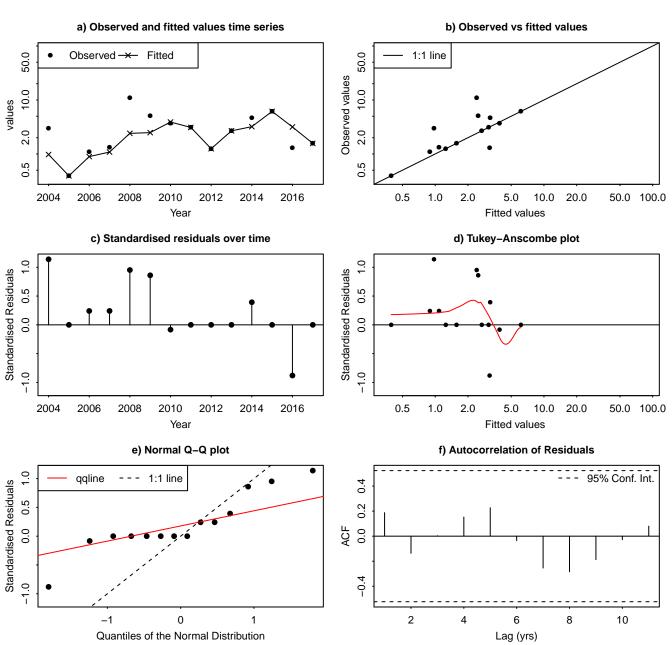


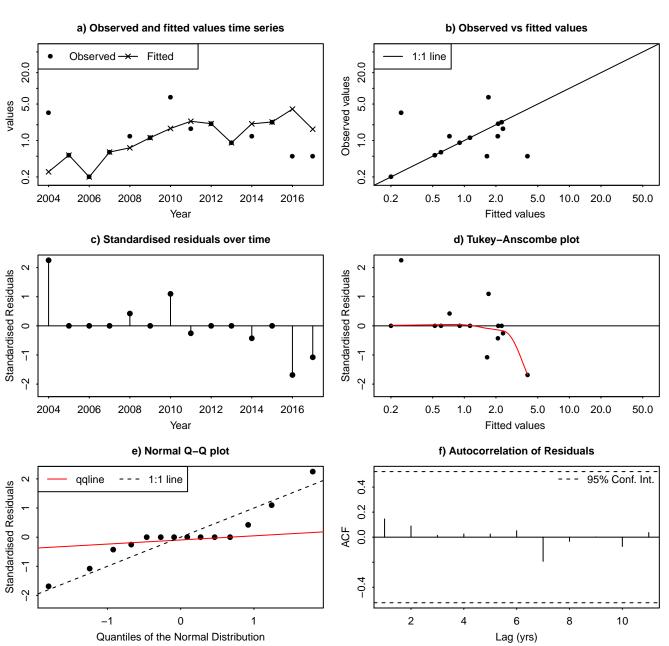




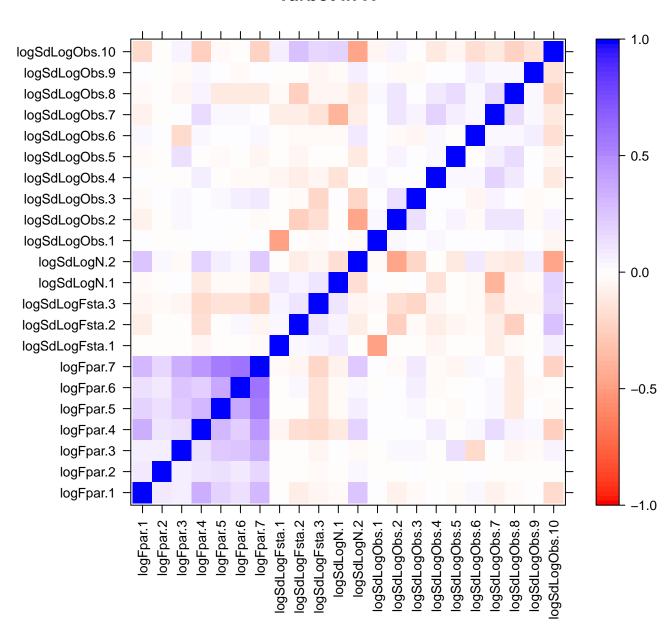




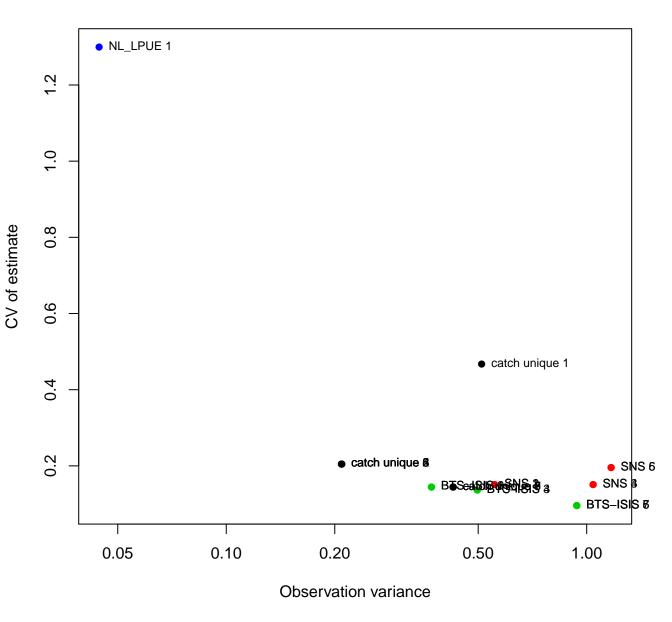




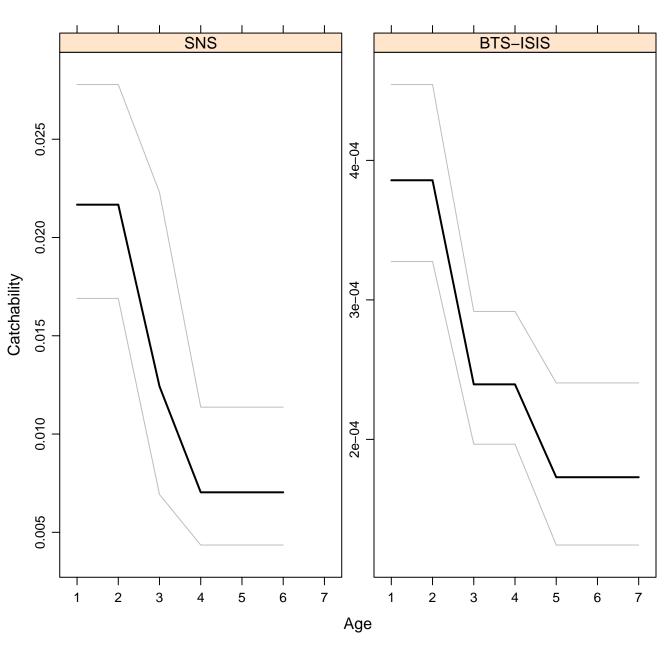
**Turbot in IV** 



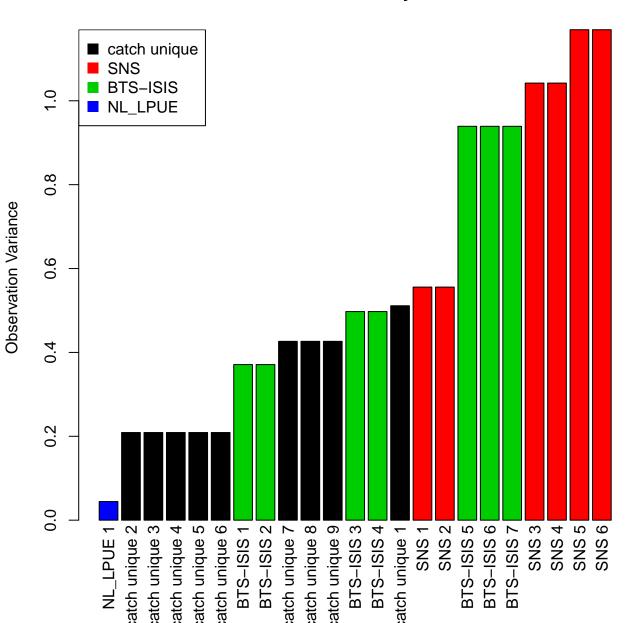
### **Observation variance vs uncertainty**



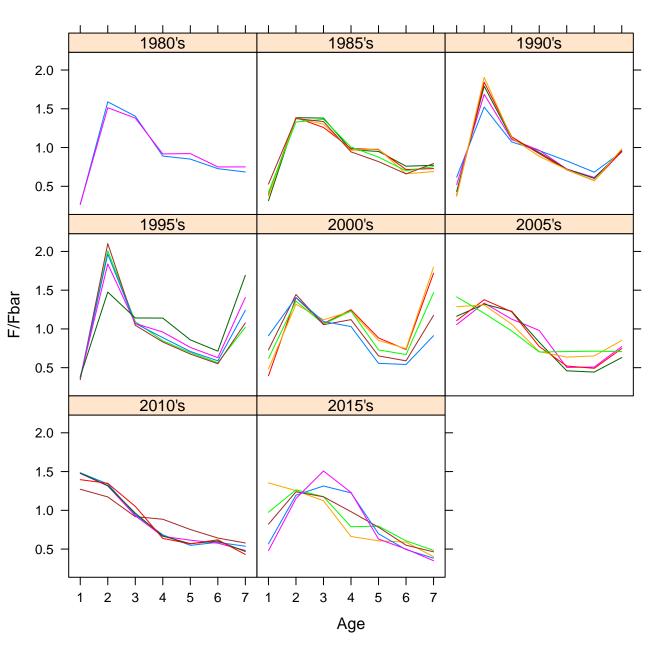
Survey catchability parameters



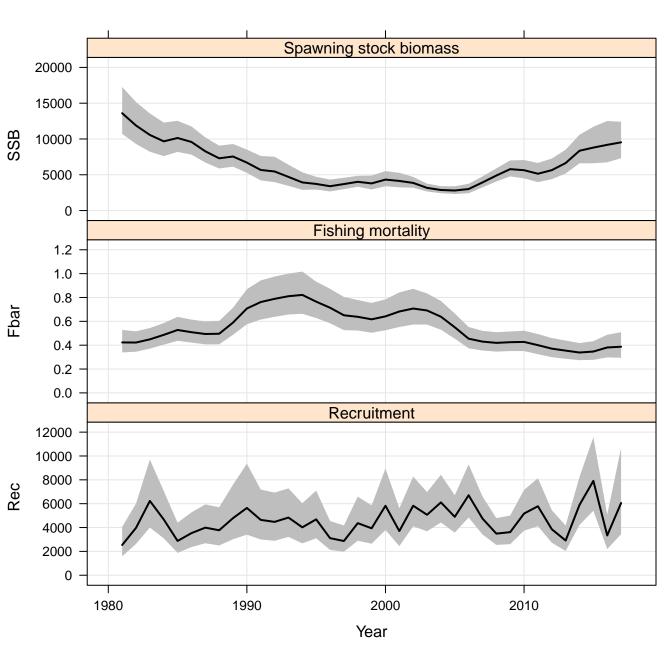
### Observation variances by data source



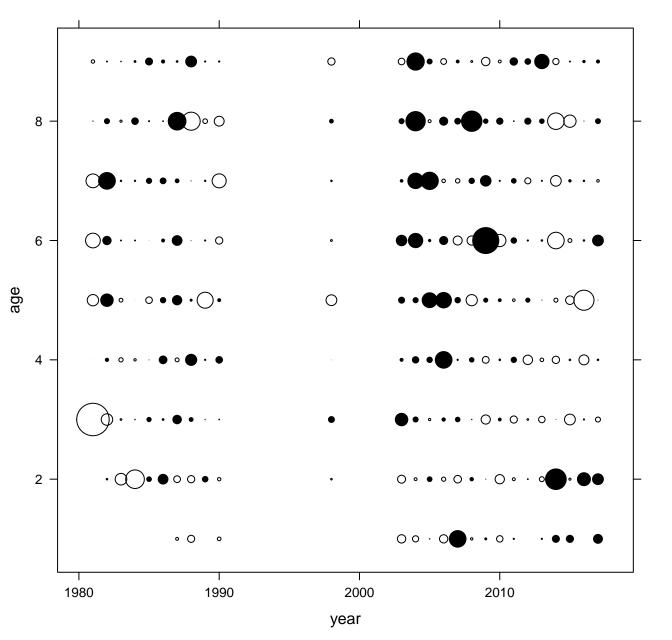
## Selectivity of the Fishery by Pentad



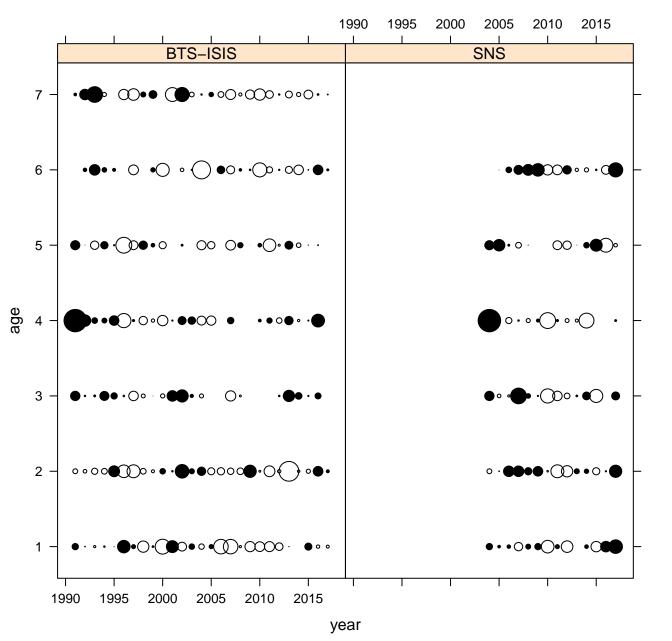
**Turbot in IV** 

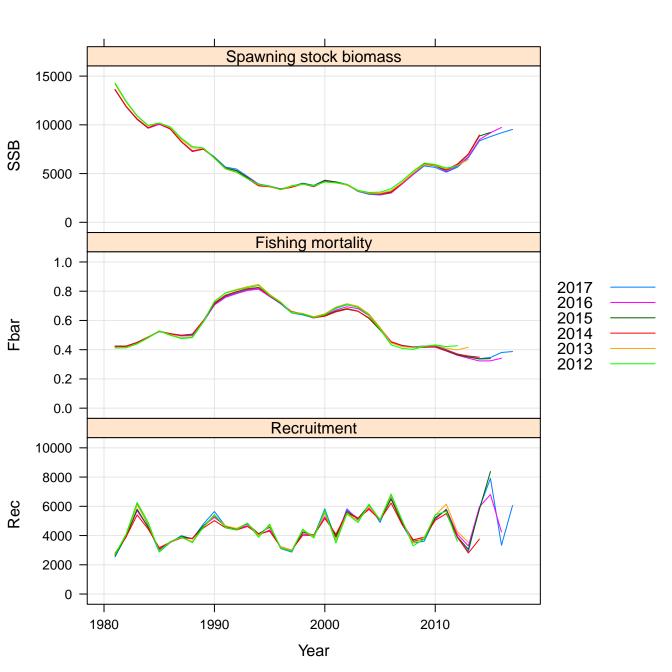


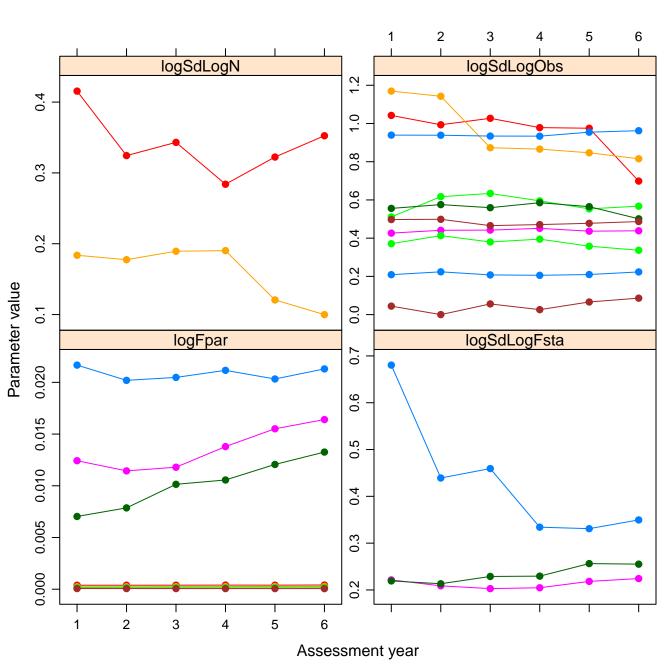
# Residuals by year Catch

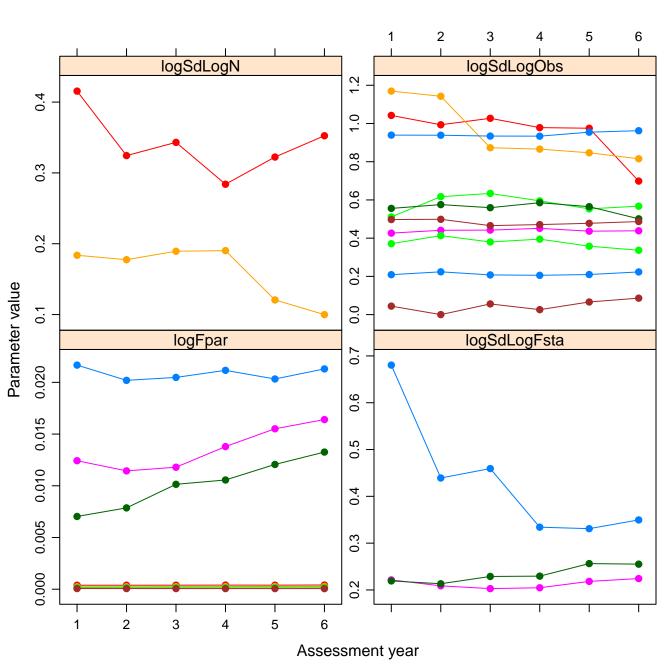


### Residuals by survey

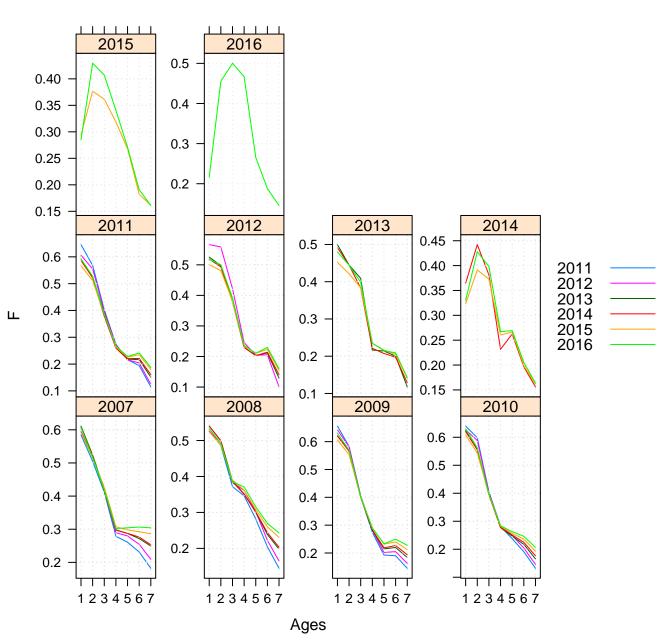








### Retrospective pattern in F at age



### Retrospective pattern in F at age

