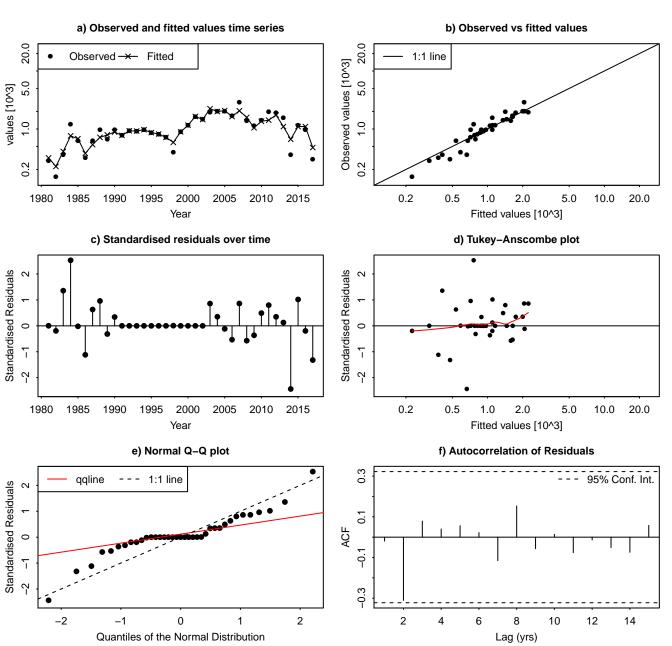
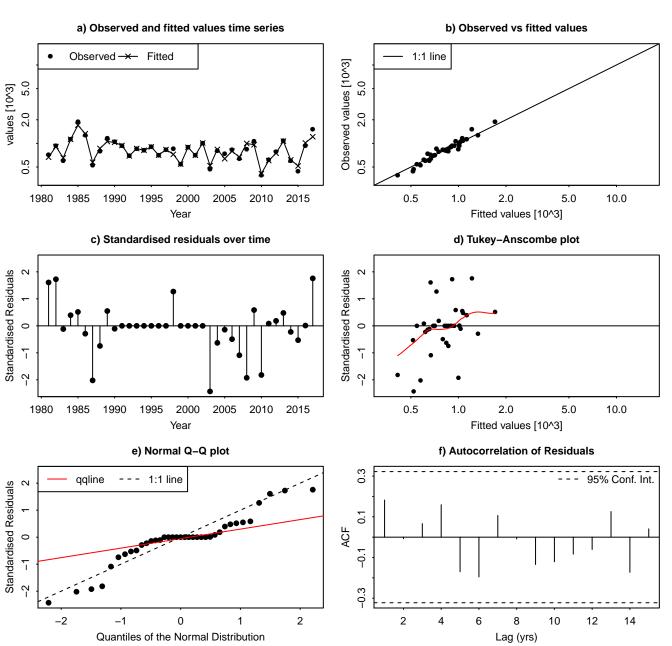
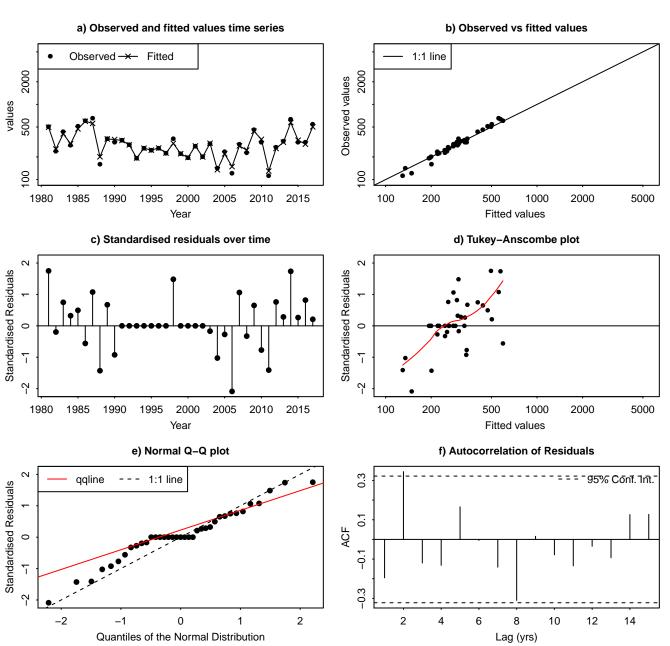


Turbot in IV Diagnostics – catch unique, age 2

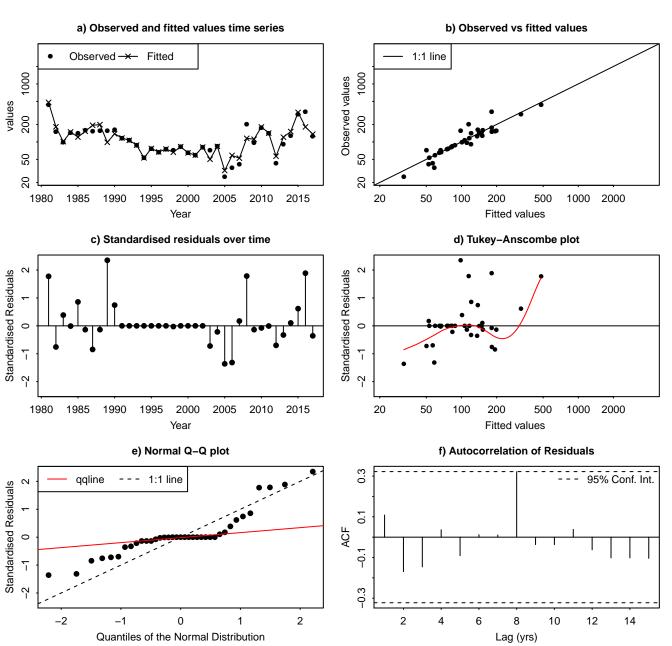


Turbot in IV Diagnostics – catch unique, age 3

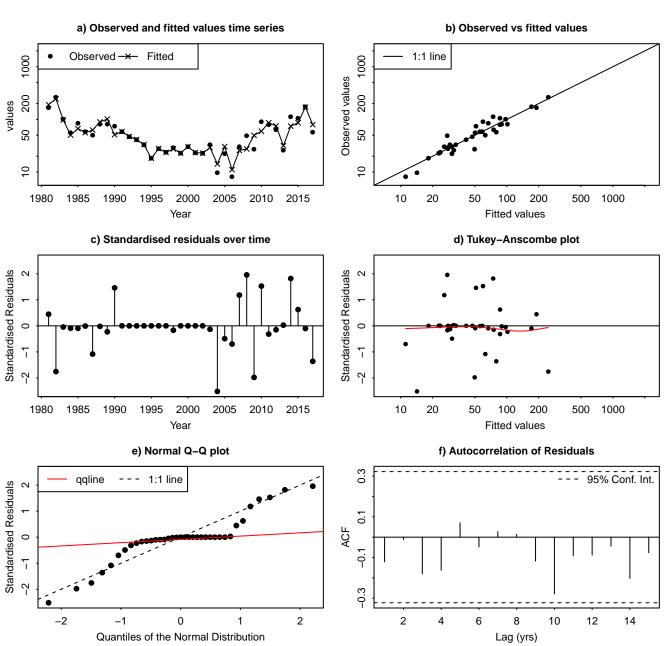


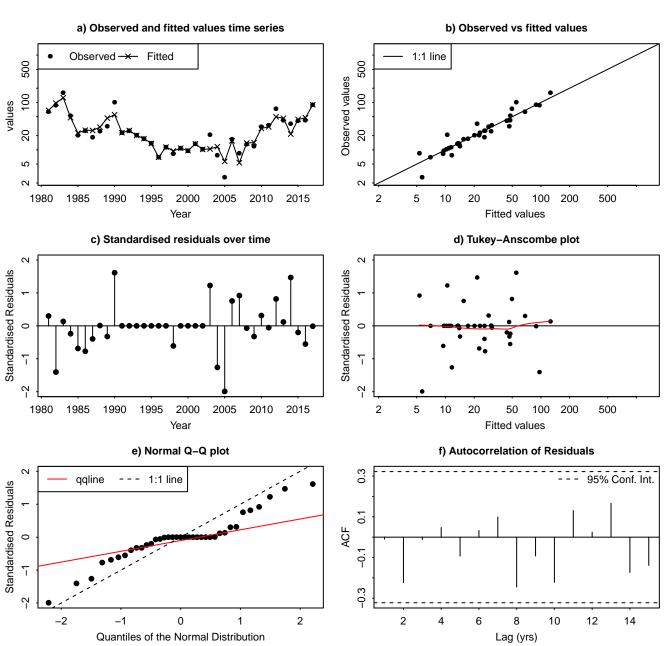


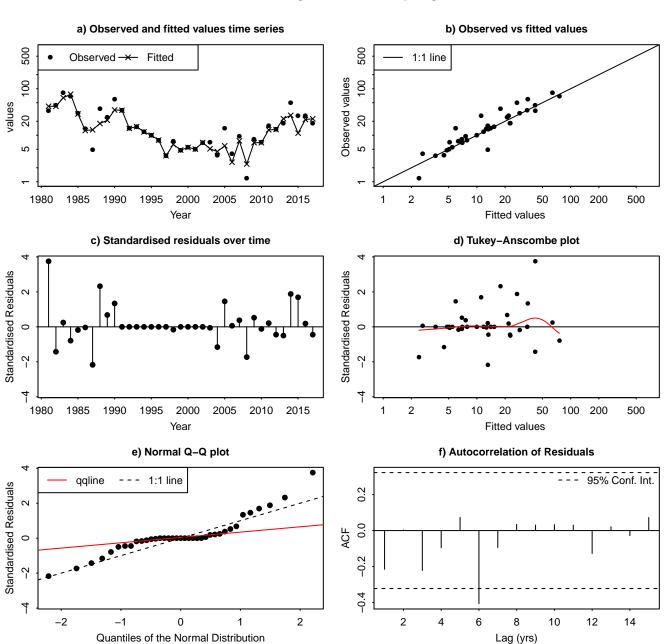
Turbot in IV Diagnostics - catch unique, age 5



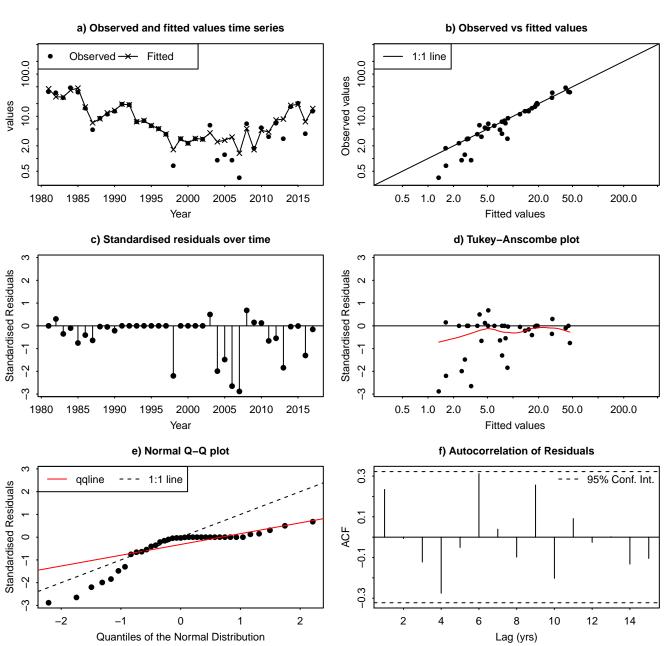
Turbot in IV Diagnostics - catch unique, age 6

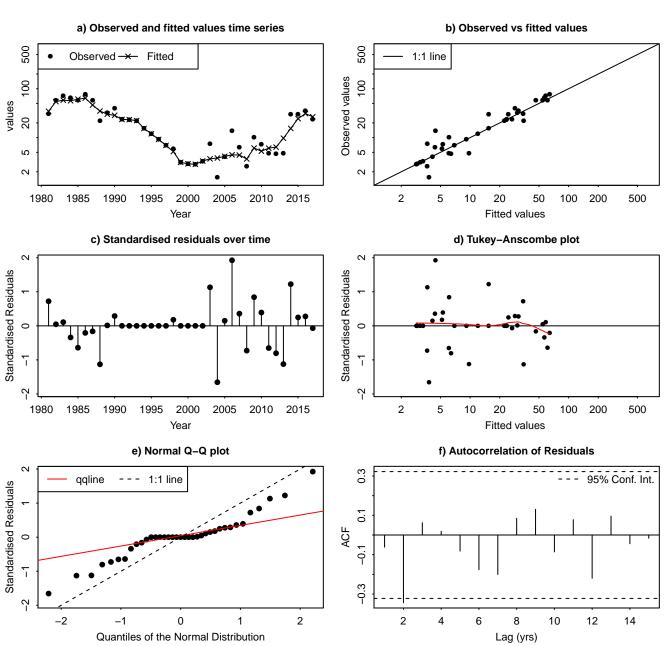


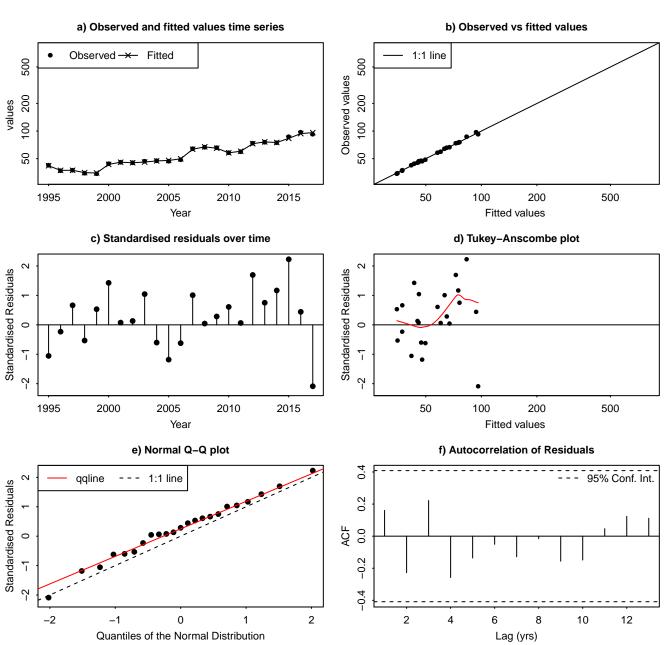


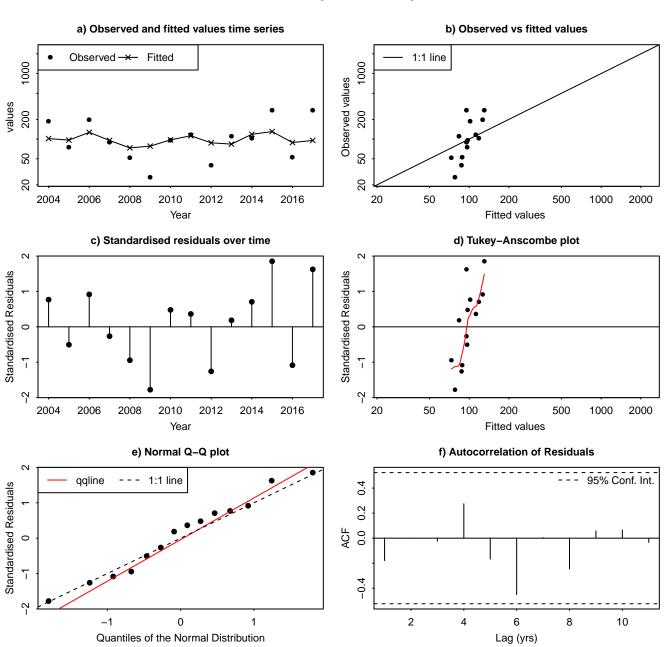


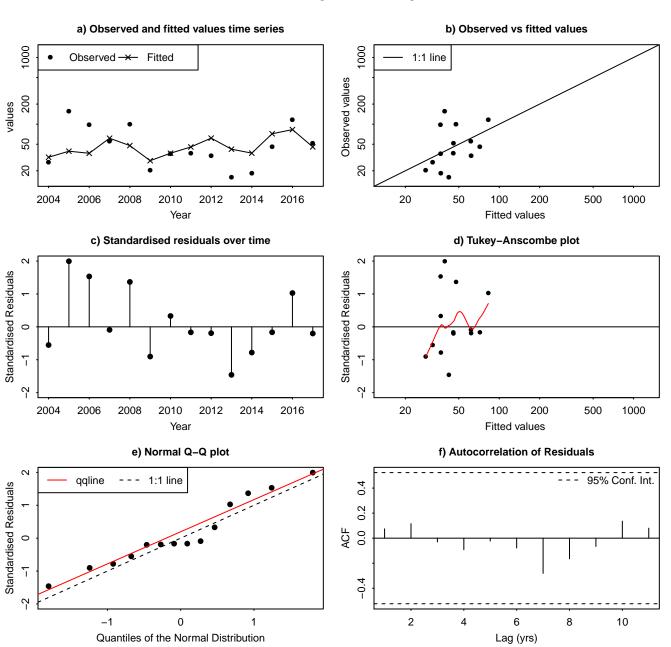
Turbot in IV Diagnostics - catch unique, age 9

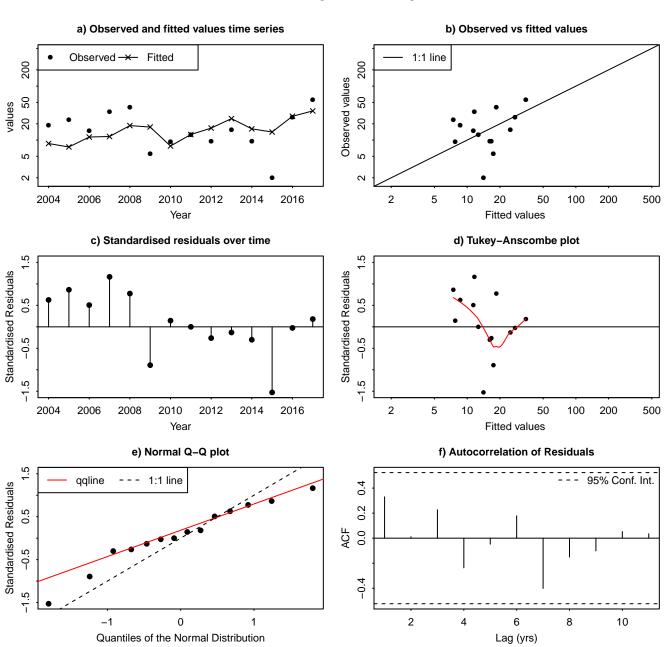


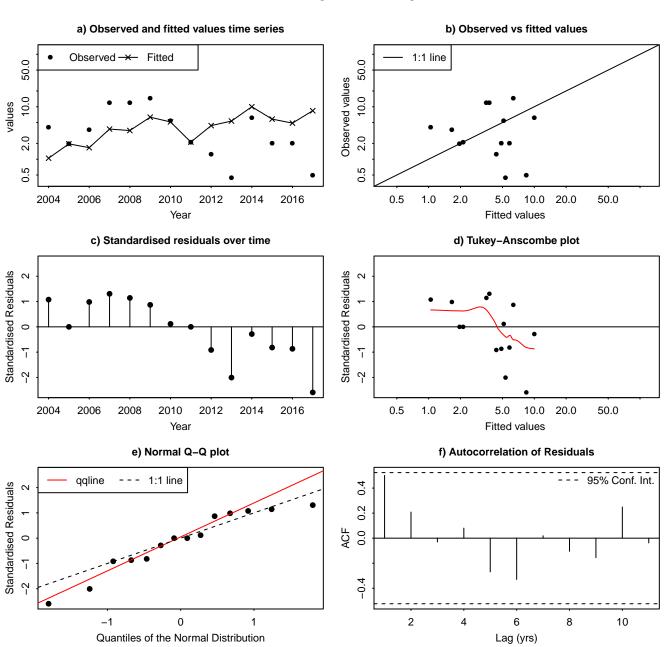


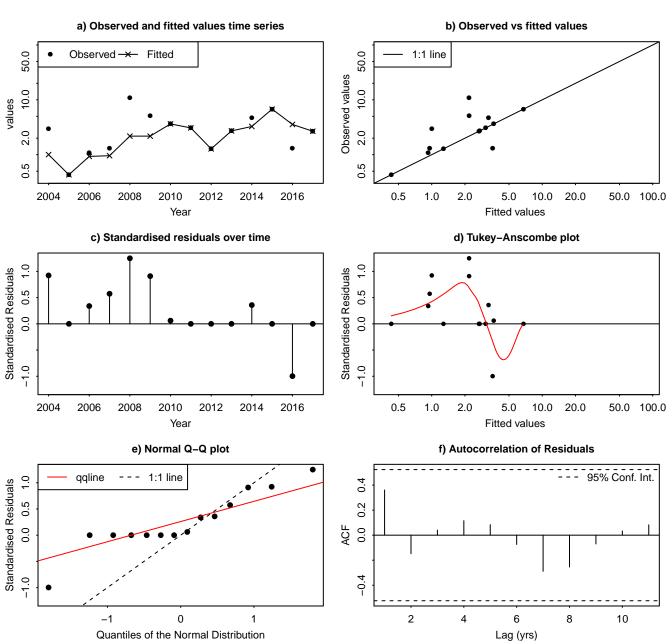


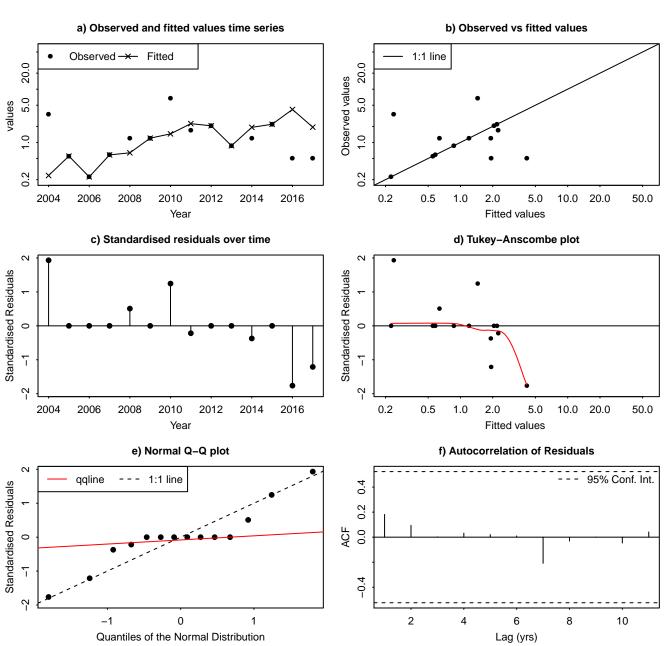




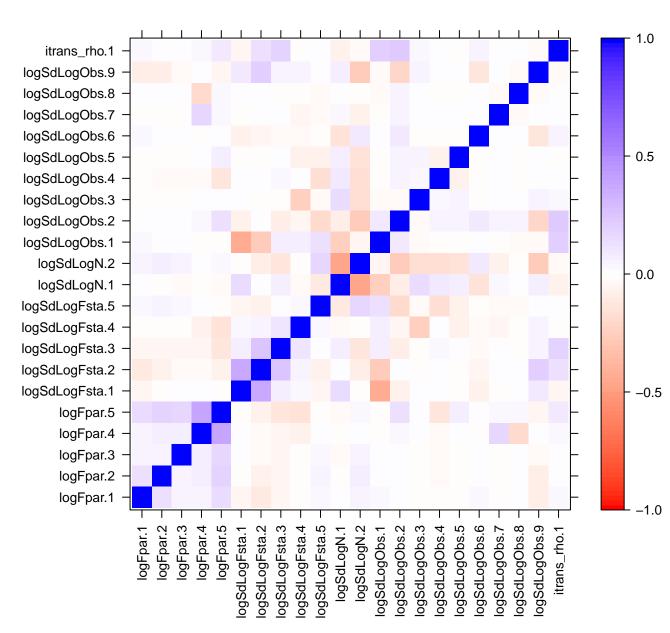




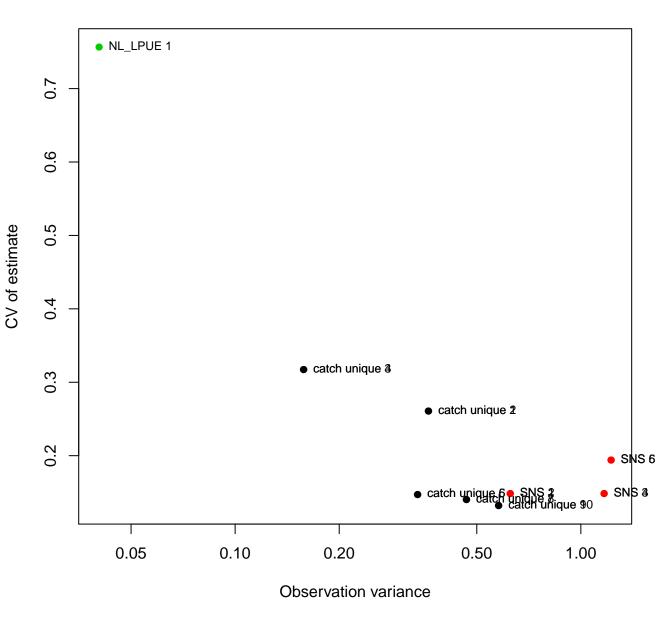




Turbot in IV

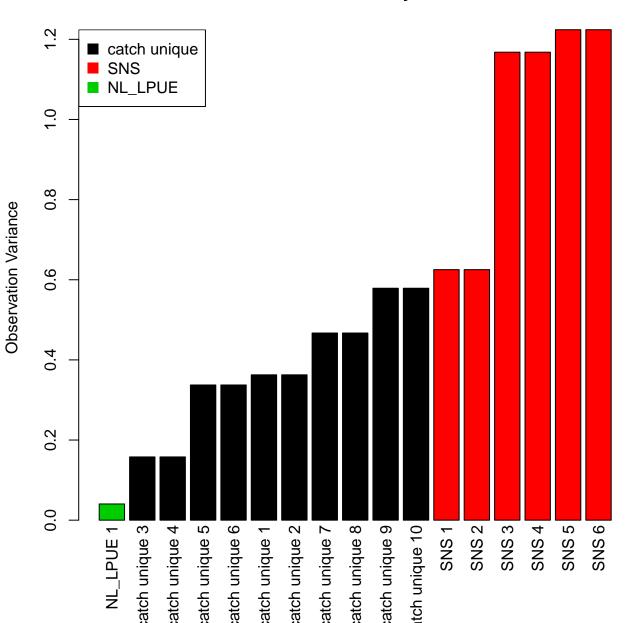


Observation variance vs uncertainty

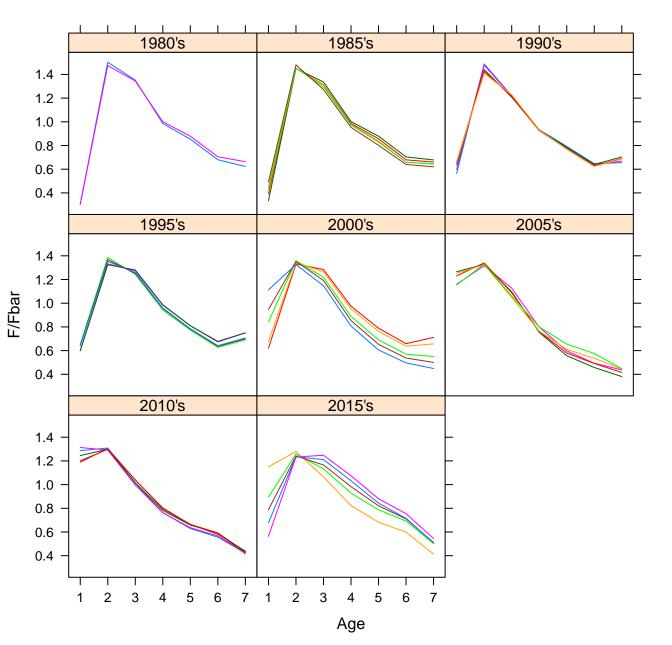


Survey catchability parameters SNS 0.030 0.025 0.020 Catchability 0.015 0.010 2 3 5 6 1 Age

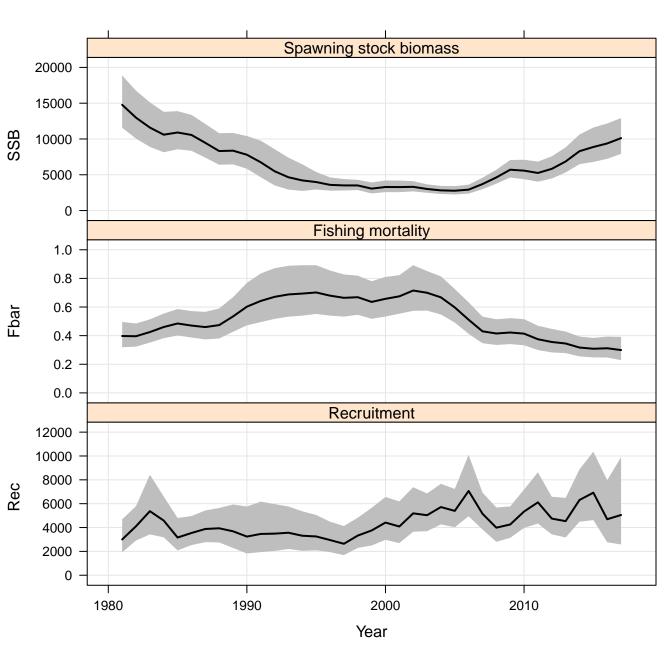
Observation variances by data source



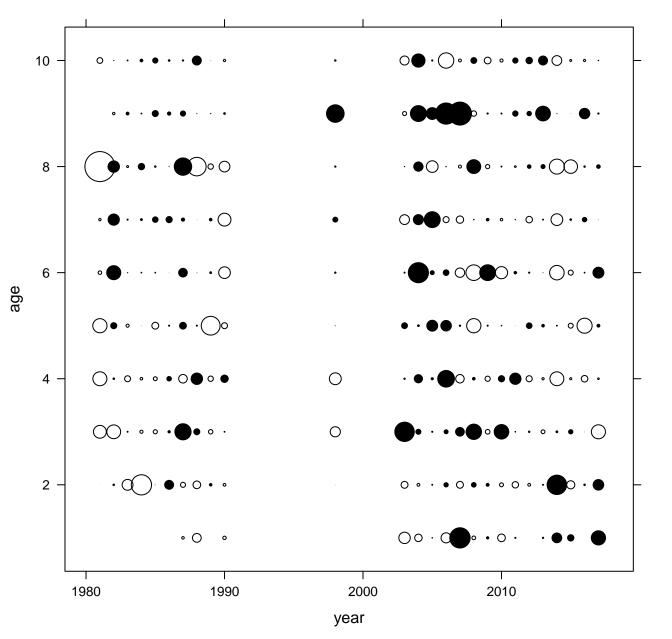
Selectivity of the Fishery by Pentad



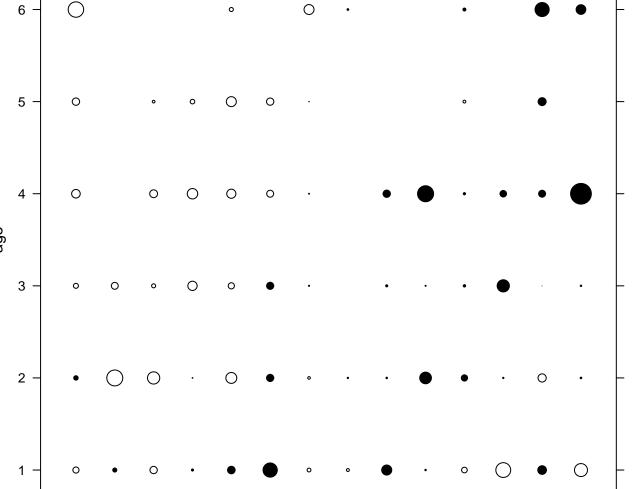
Turbot in IV

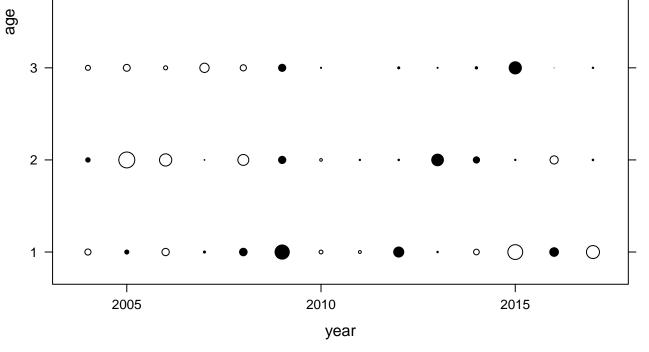


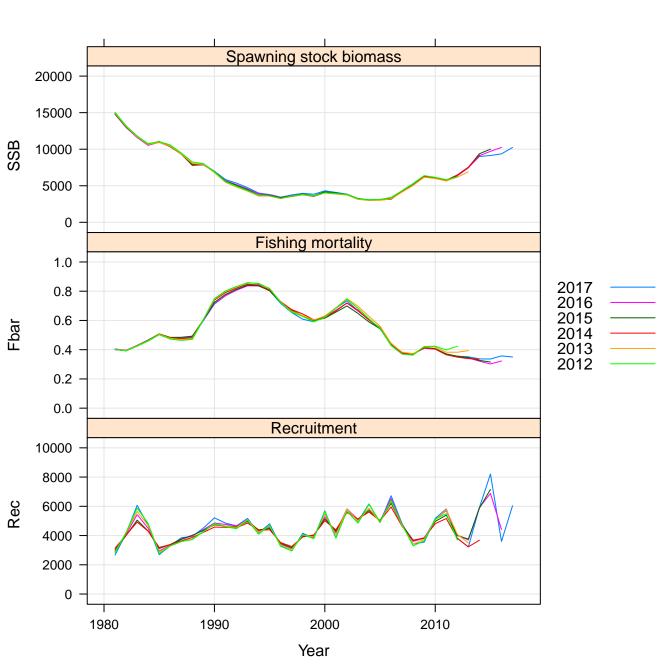
Residuals by year Catch

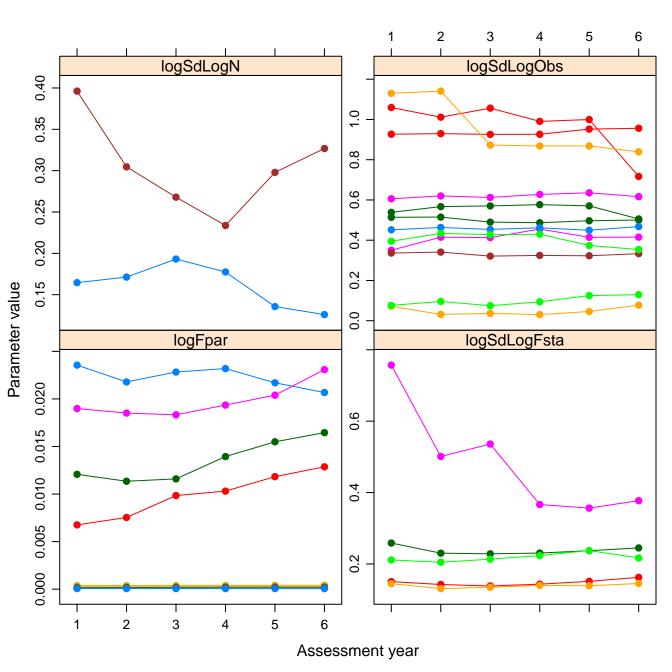


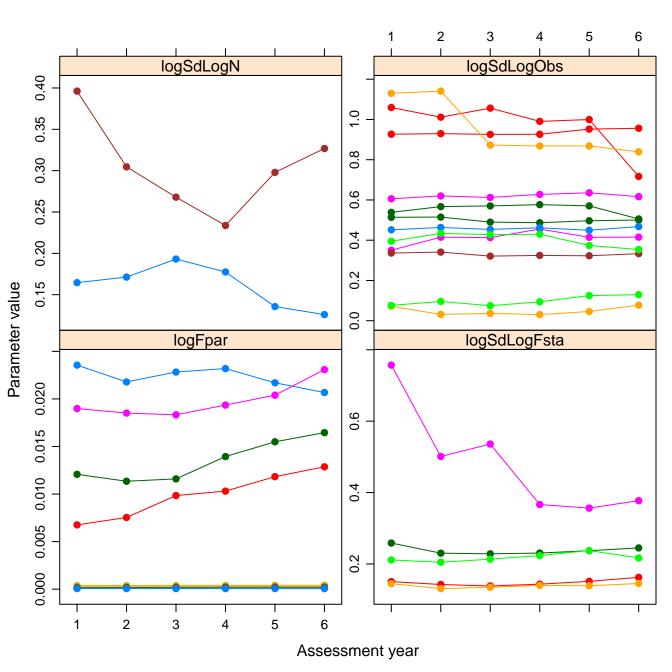
Residuals by survey SNS 0 0



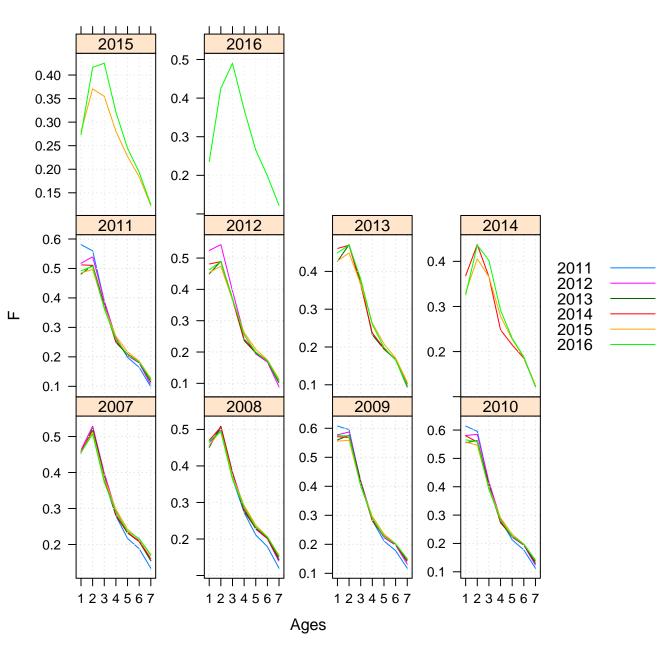








Retrospective pattern in F at age



Retrospective pattern in F at age

