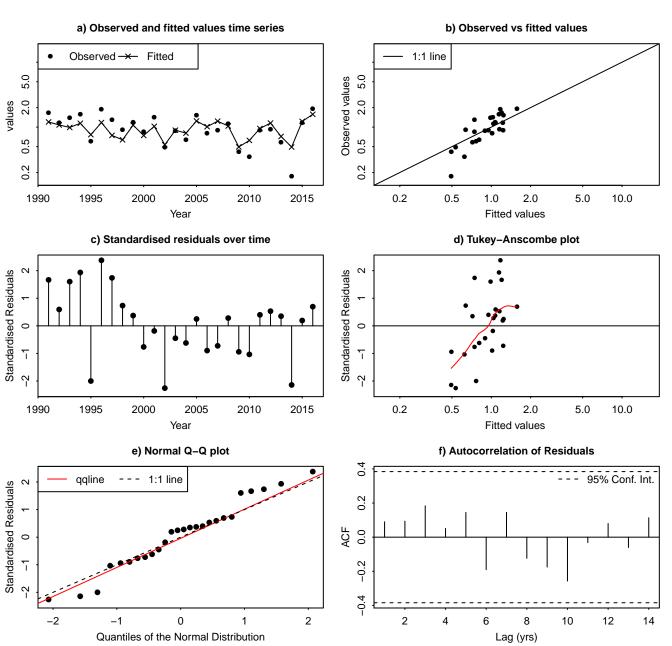
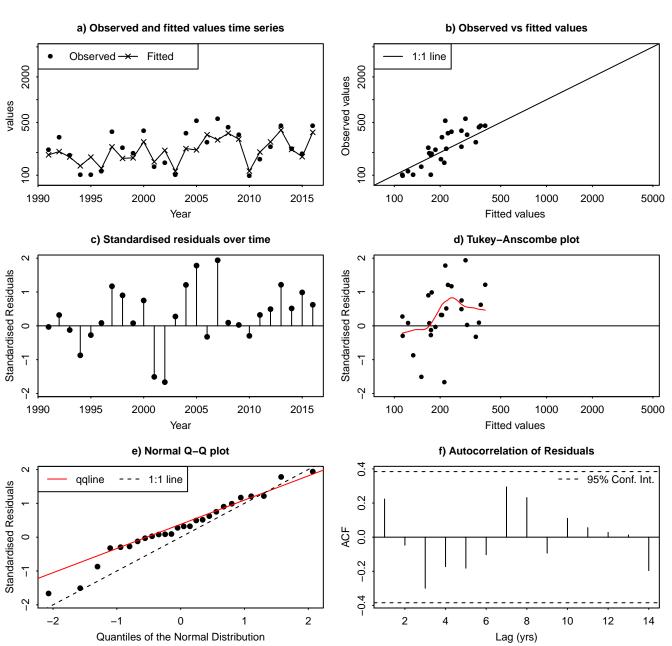
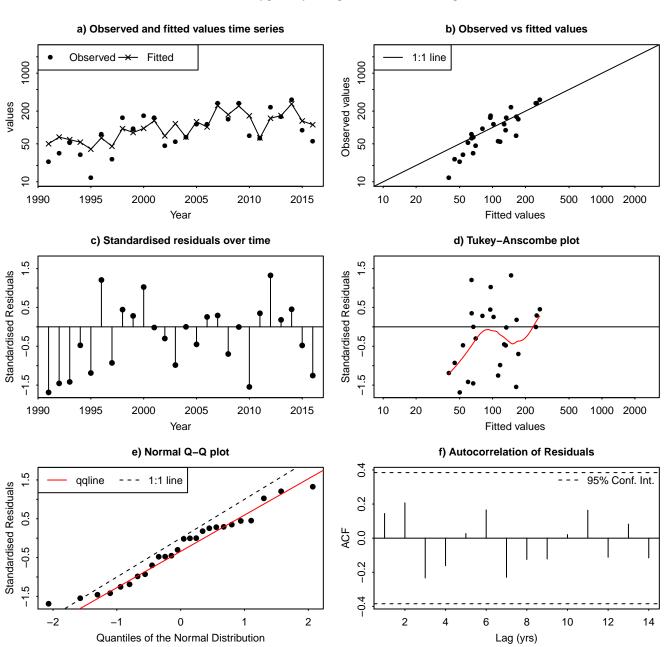


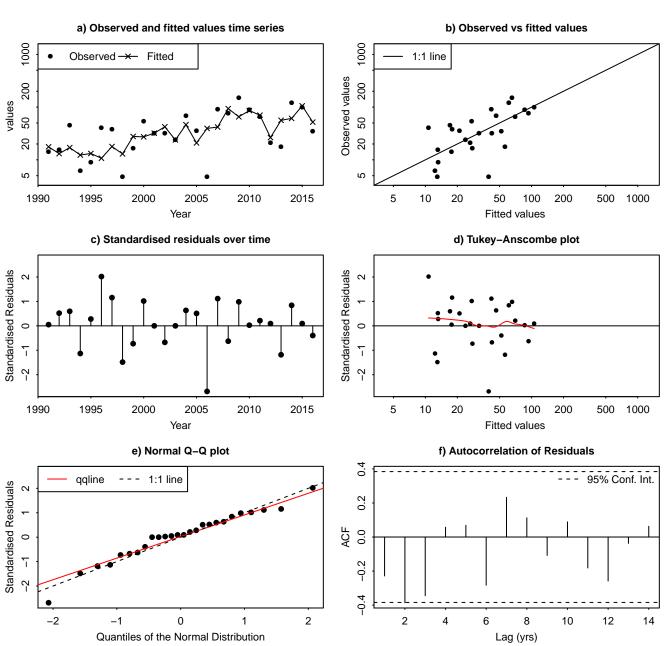
Turbot in IV pgSurvey 5 Diagnostics - BTS-ISIS, age 2

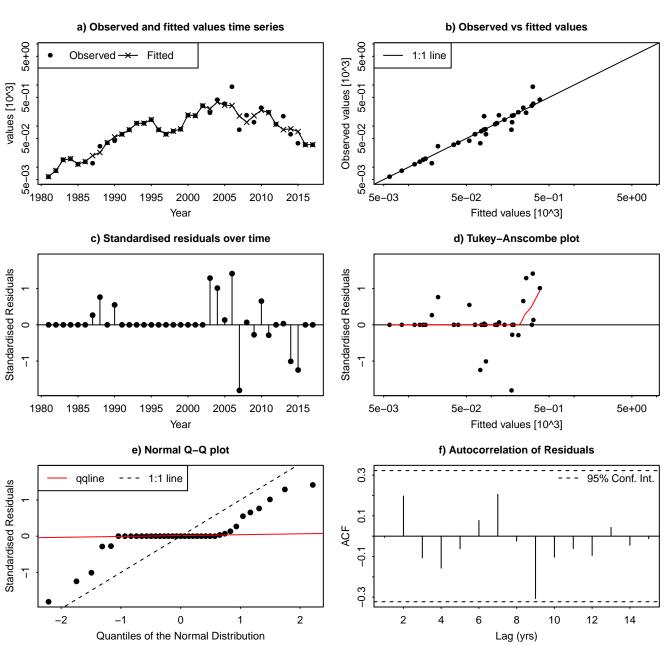


Turbot in IV pgSurvey 5 Diagnostics - BTS-ISIS, age 3

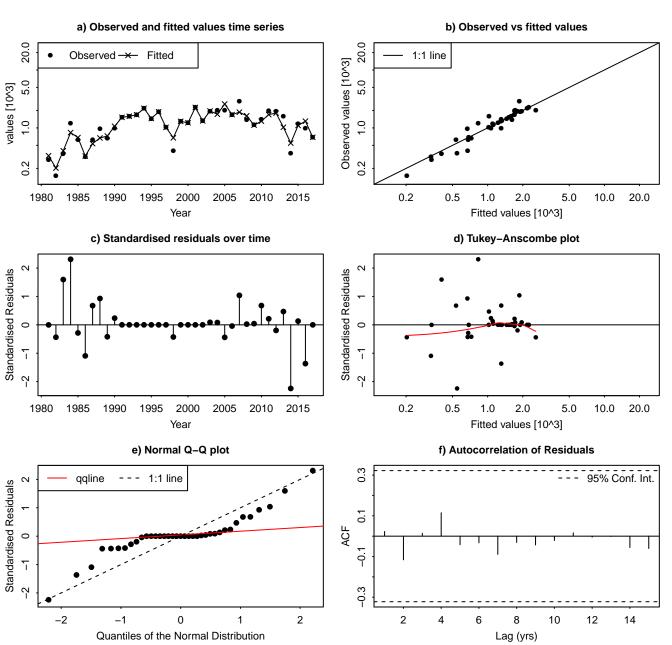




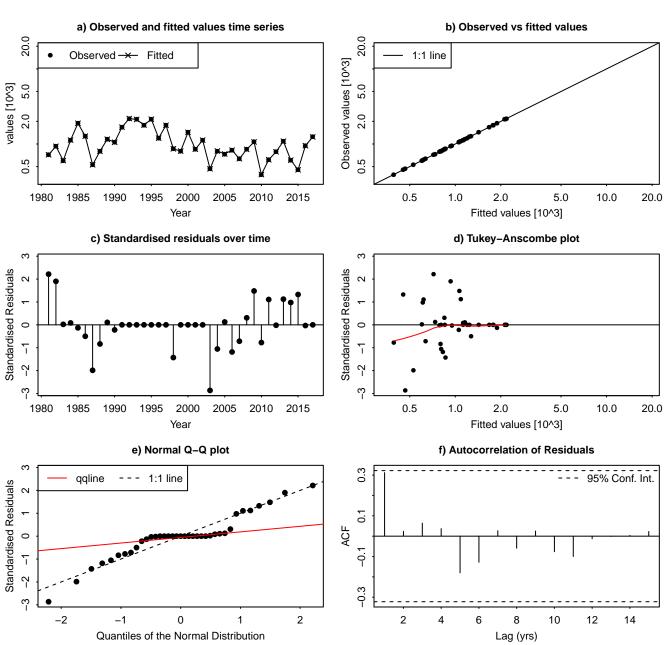


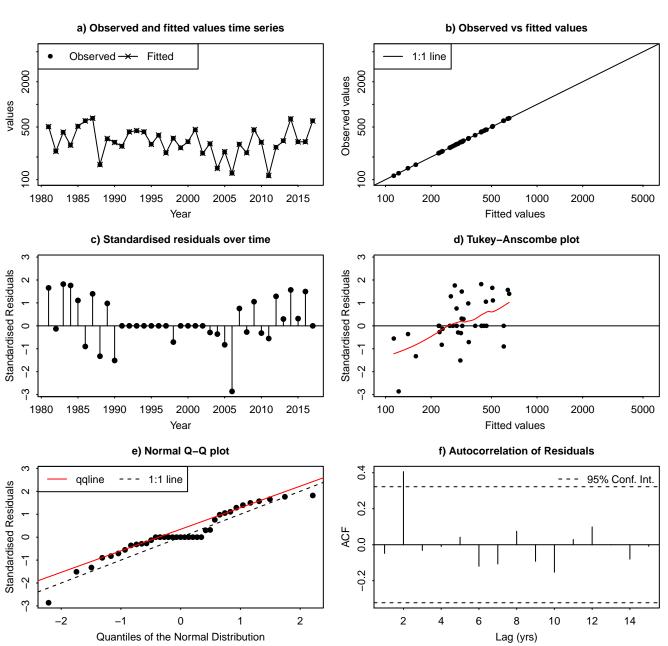


Turbot in IV pgSurvey 5 Diagnostics – catch, age 2

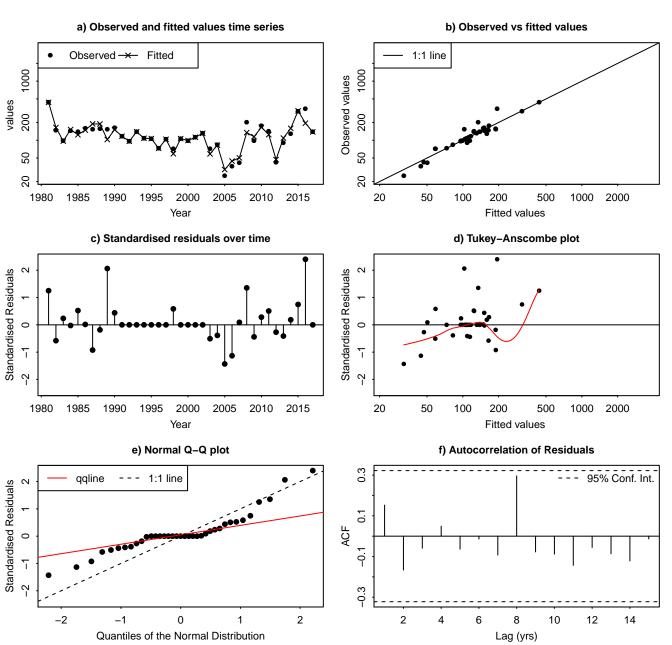


Turbot in IV pgSurvey 5 Diagnostics – catch, age 3

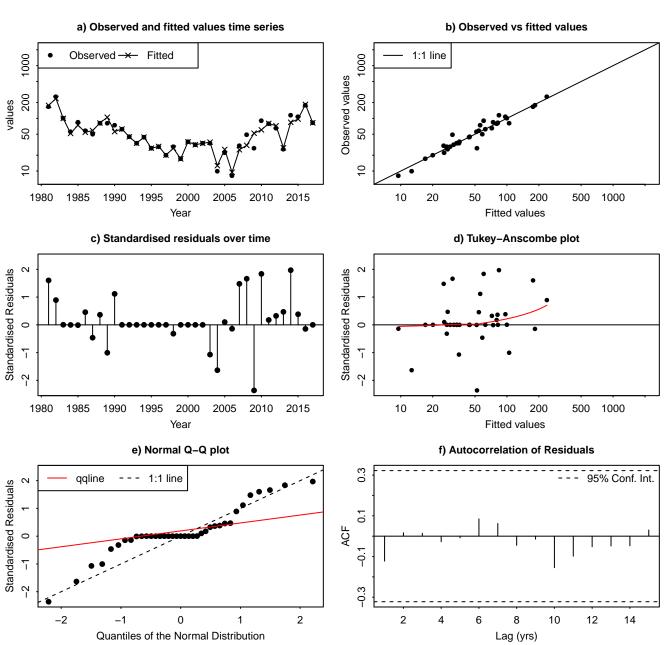


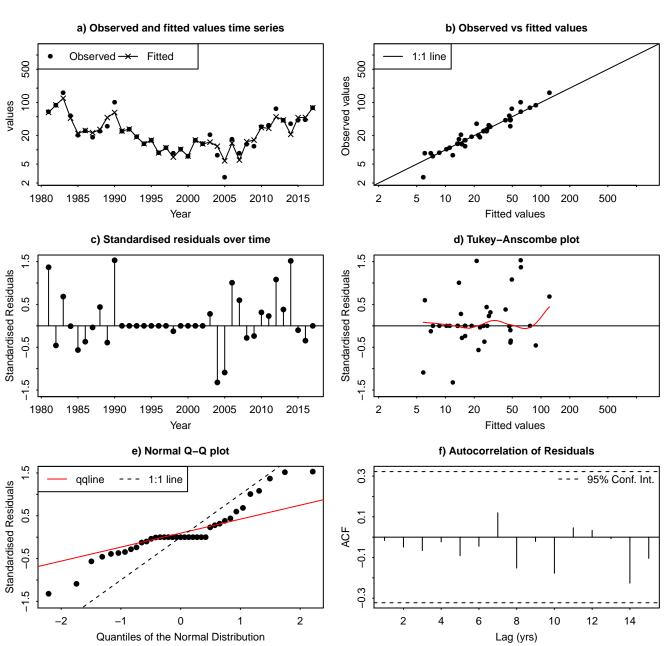


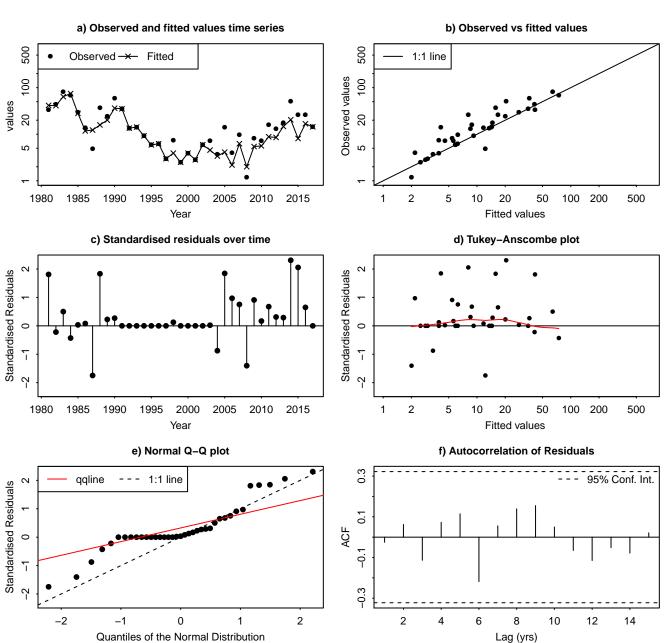
Turbot in IV pgSurvey 5 Diagnostics – catch, age 5



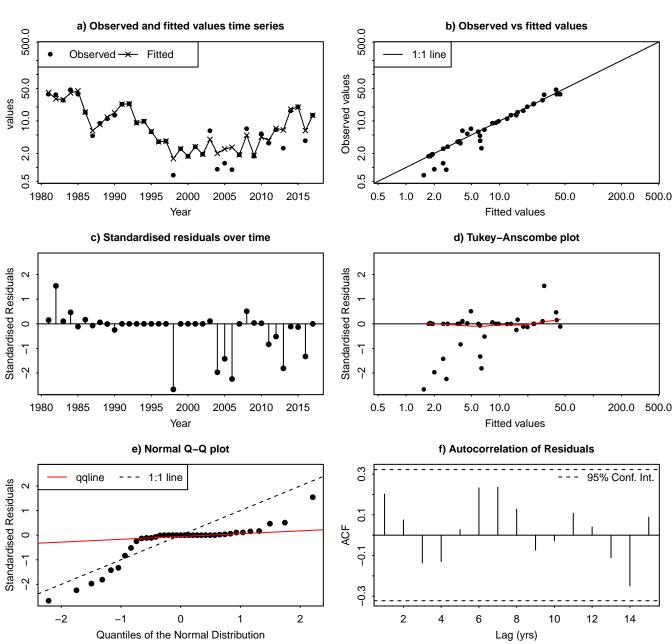
Turbot in IV pgSurvey 5 Diagnostics – catch, age 6

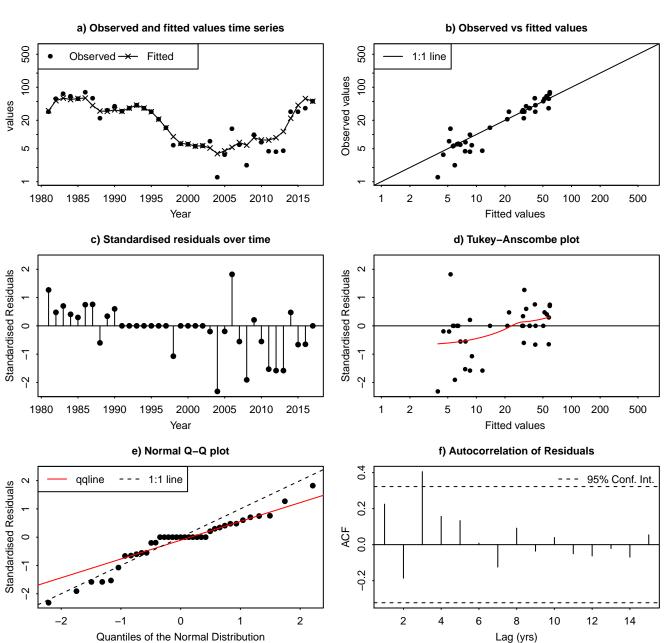


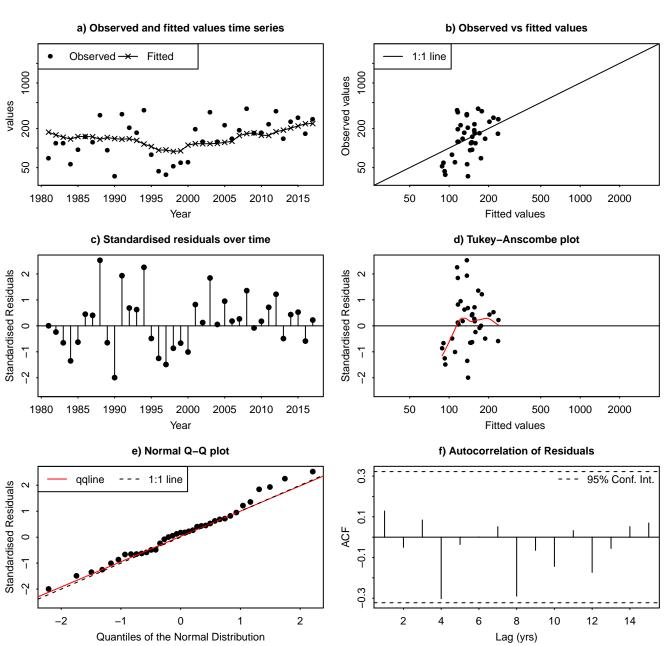


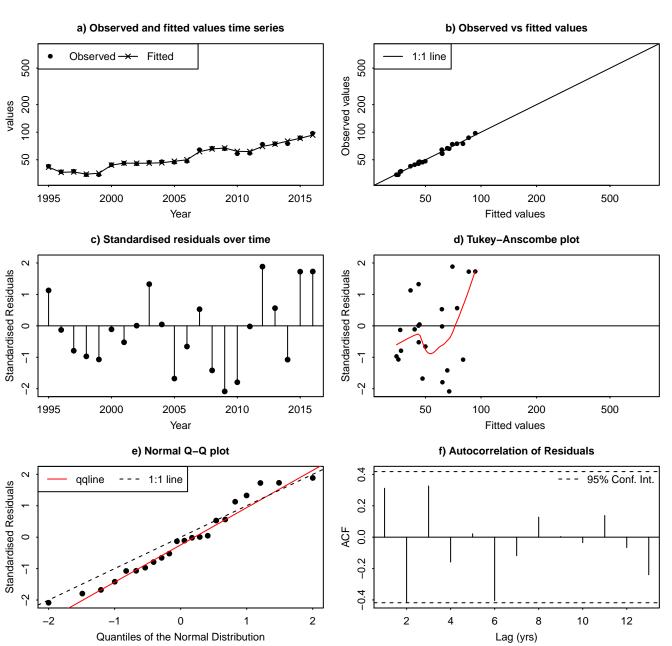


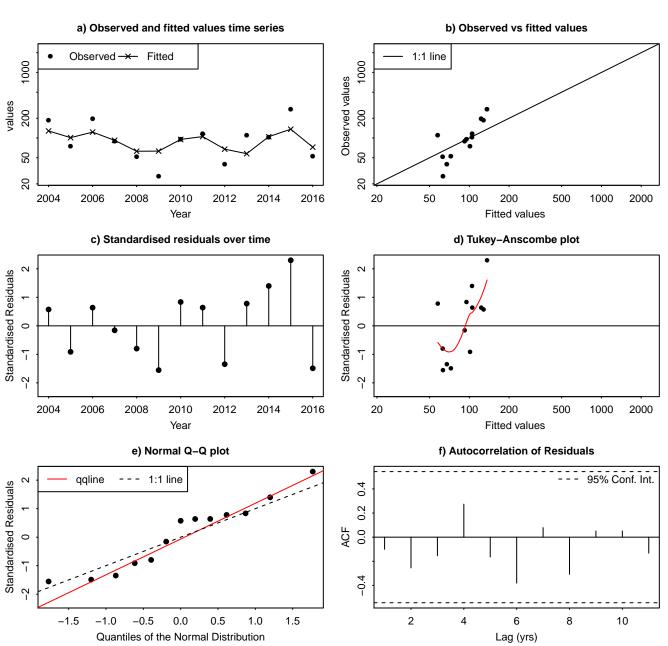
Turbot in IV pgSurvey 5 Diagnostics – catch, age 9

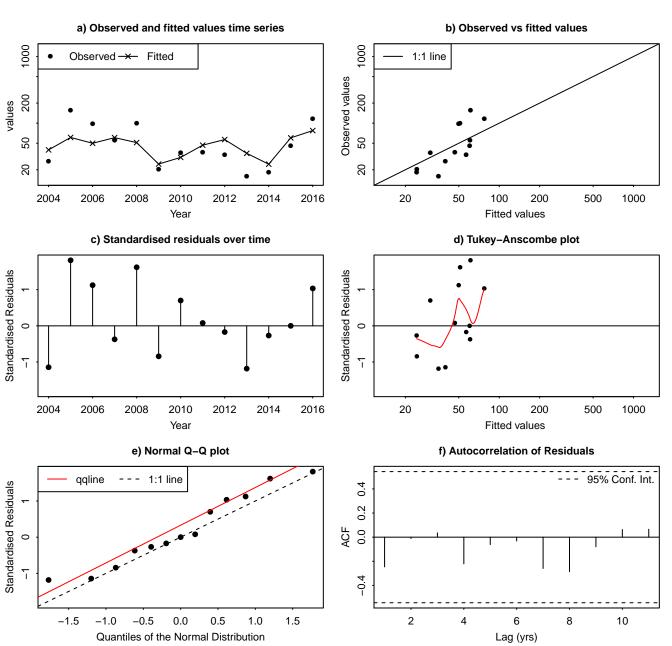


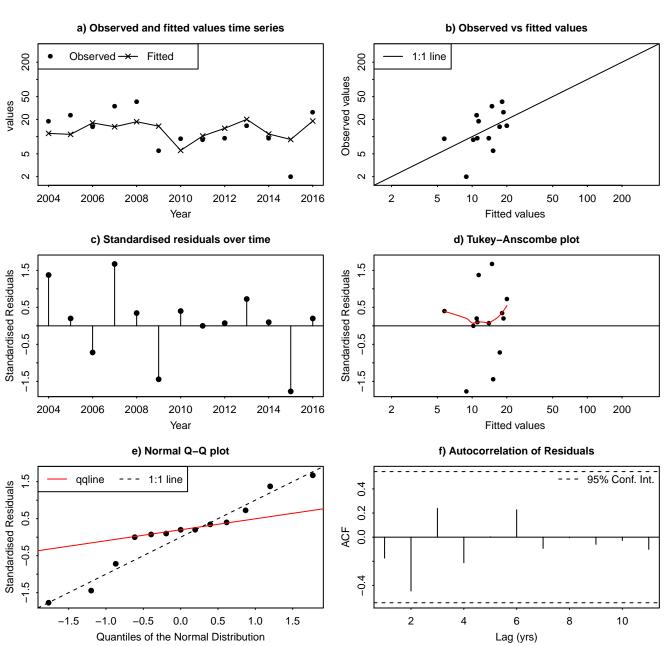


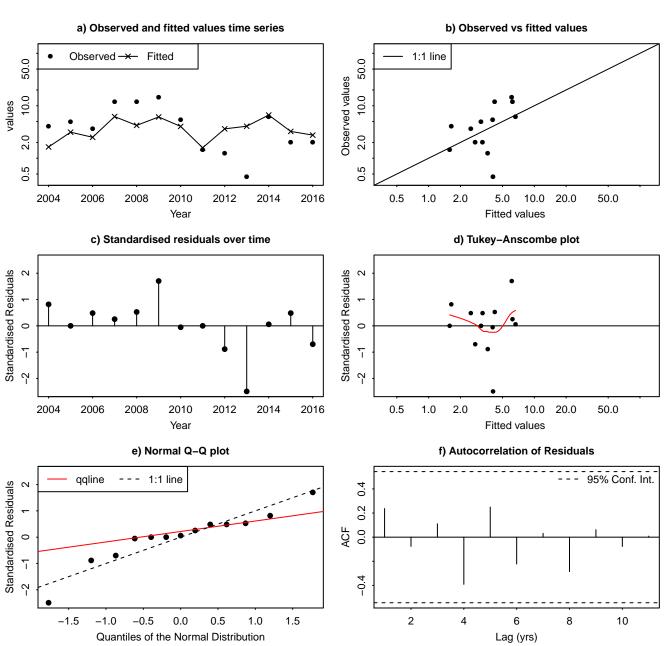


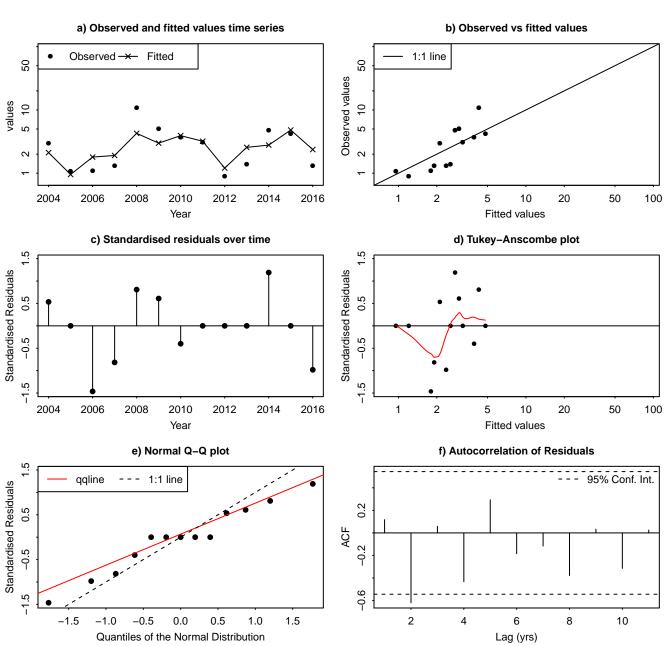




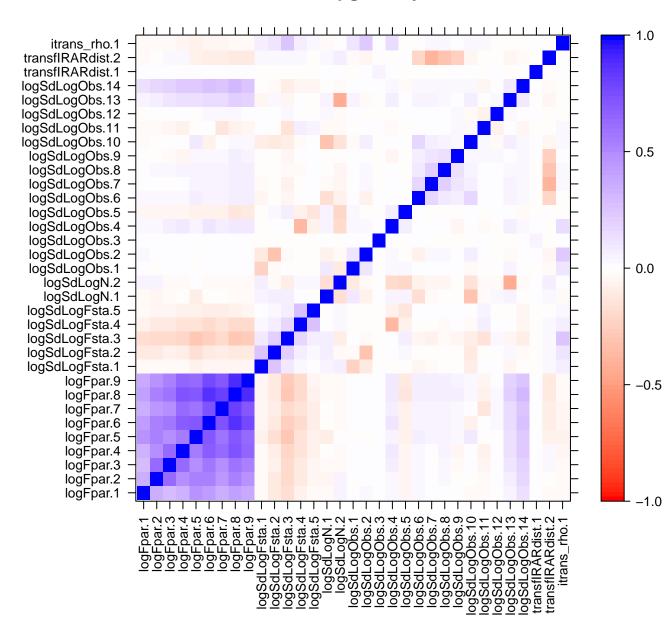




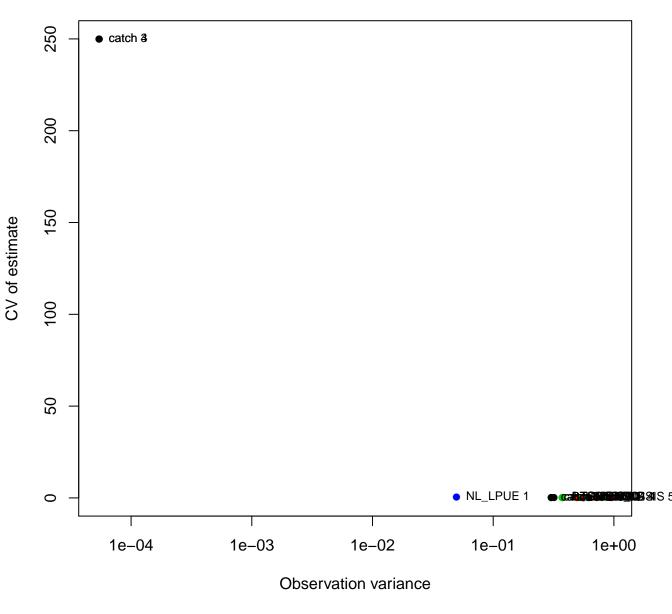




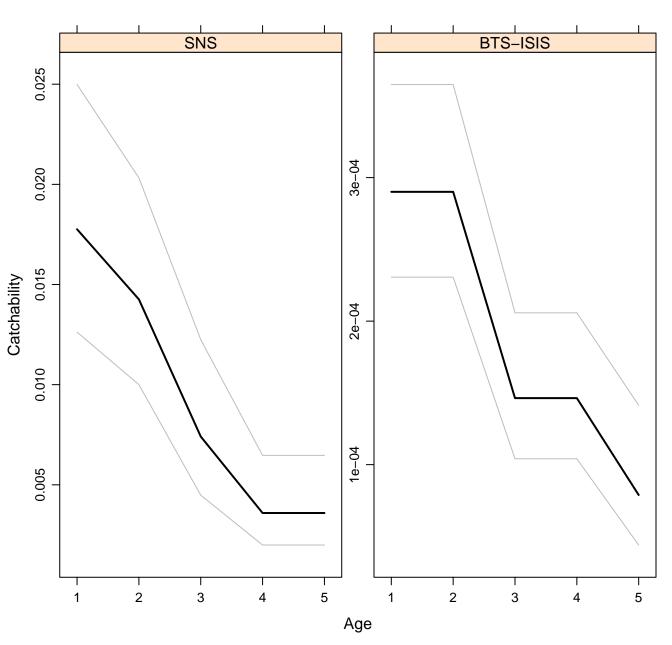
Turbot in IV pgSurvey 5



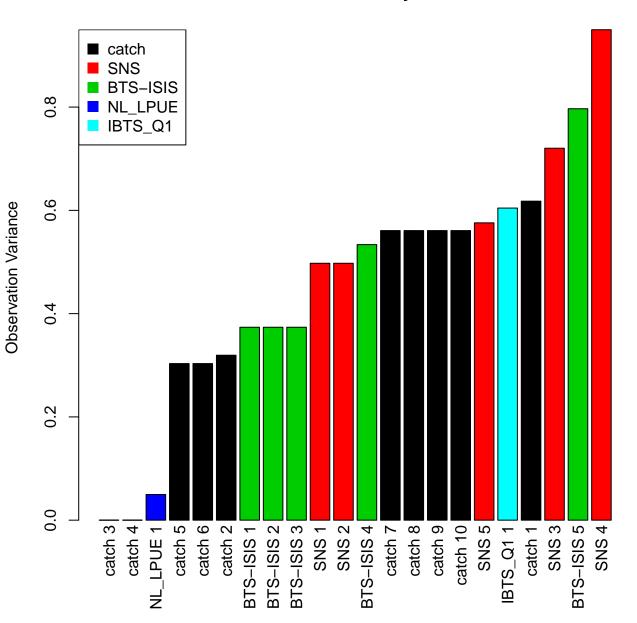
Observation variance vs uncertainty



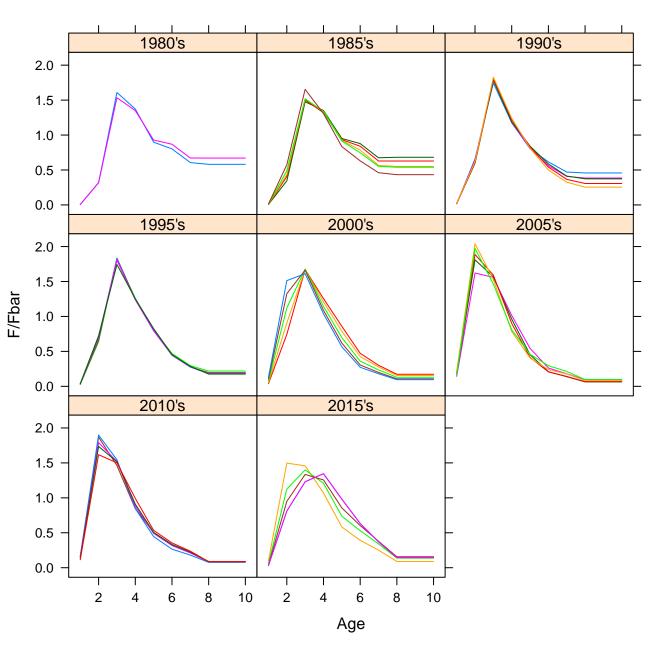
Survey catchability parameters



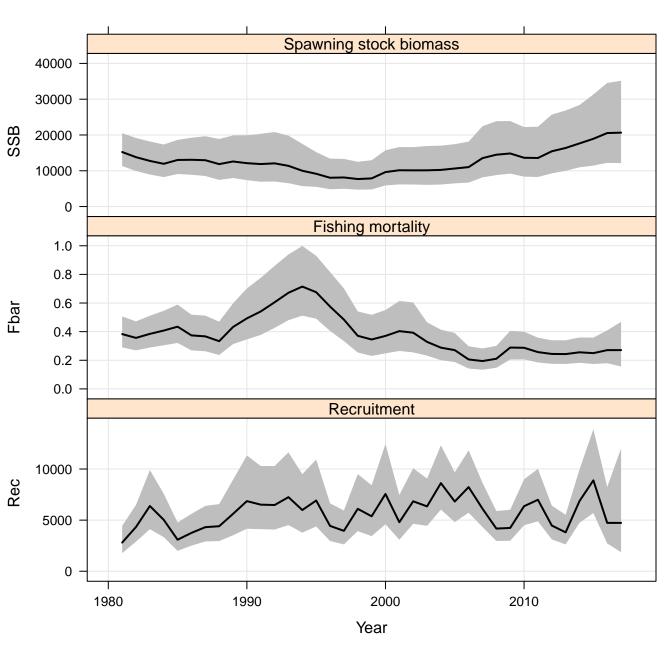
Observation variances by data source



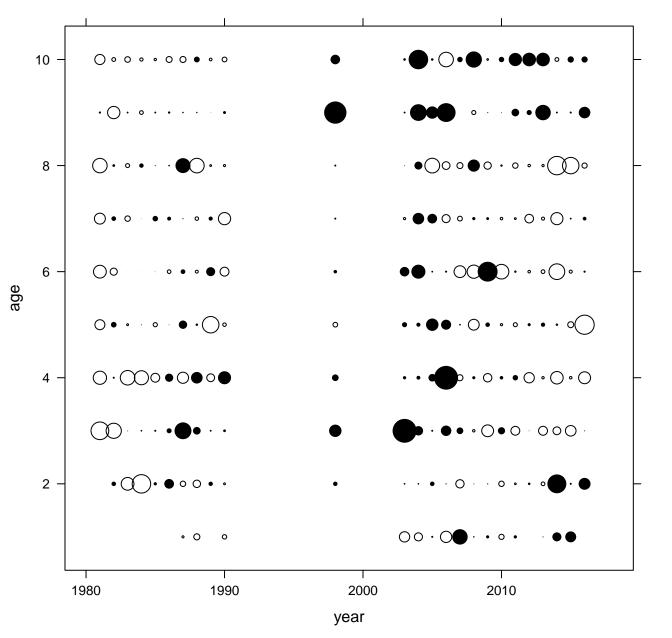
Selectivity of the Fishery by Pentad



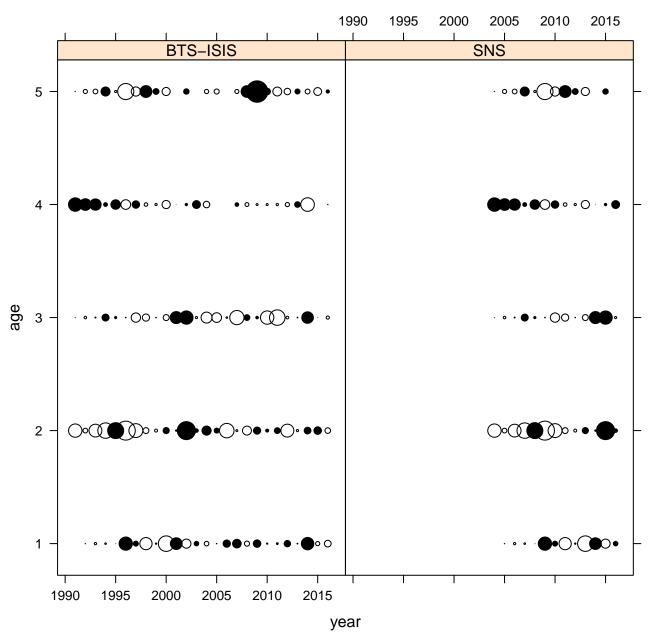
Turbot in IV pgSurvey 5



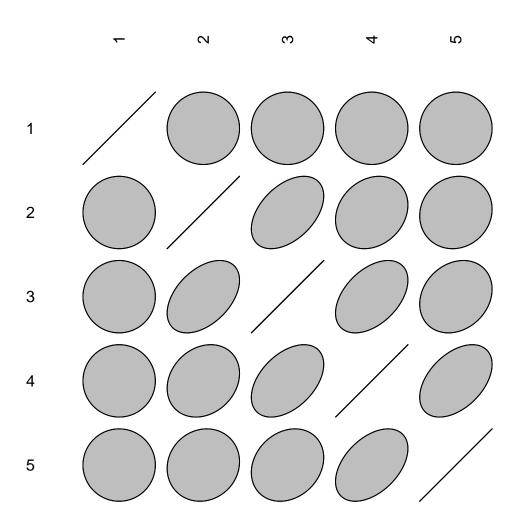
Residuals by year Catch

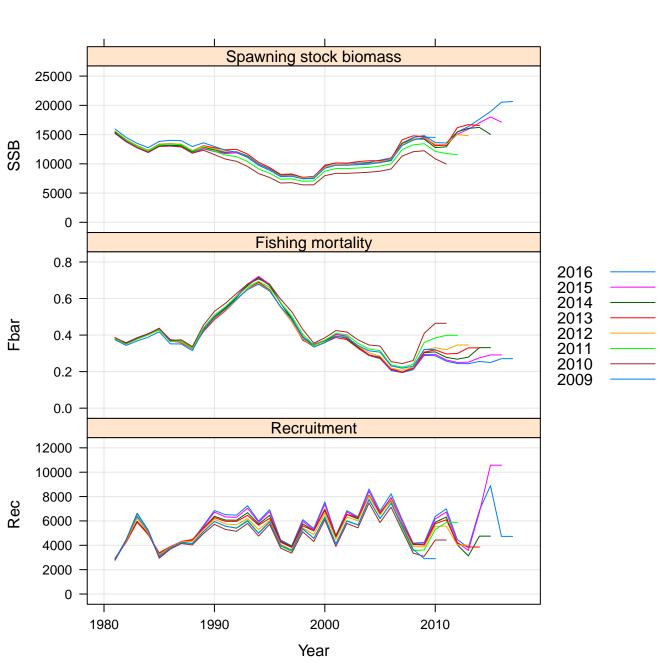


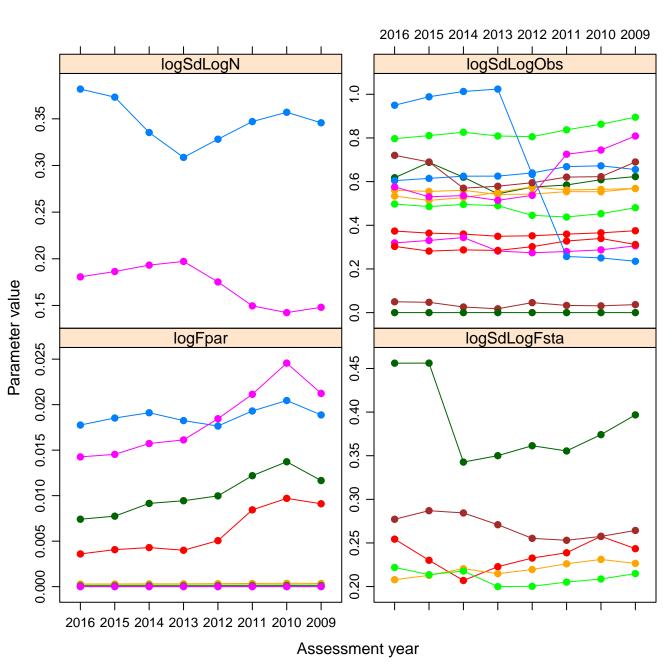
Residuals by survey

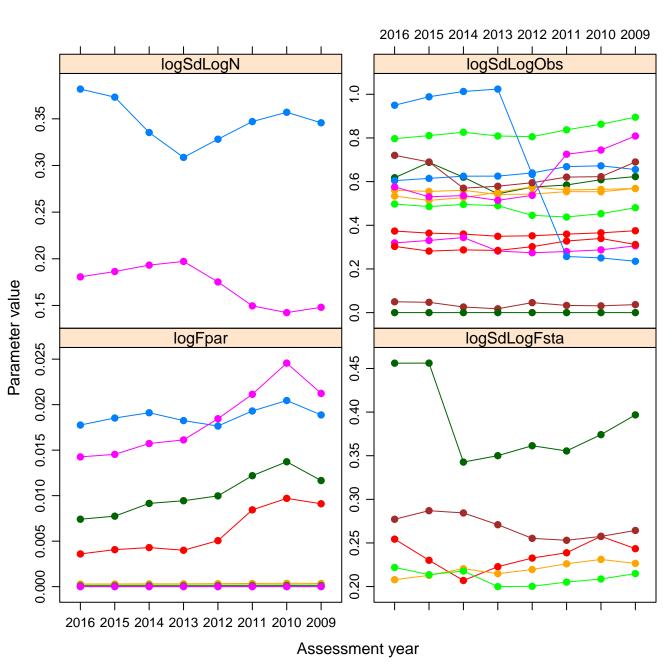


SNS

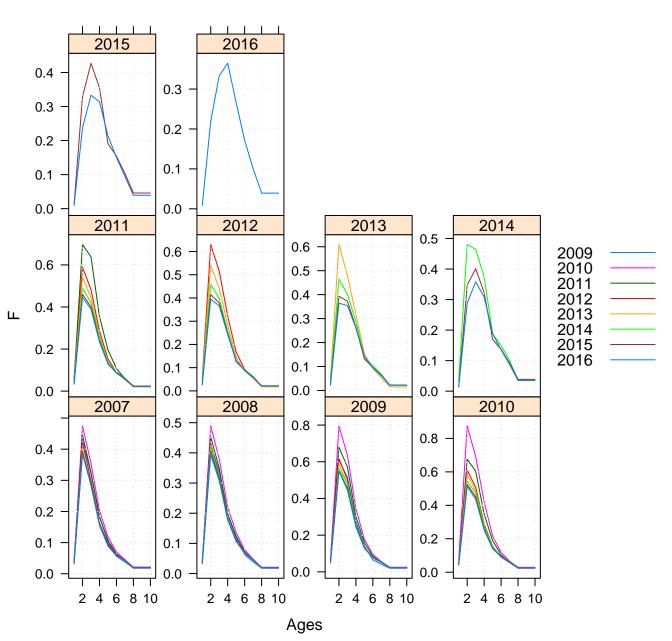


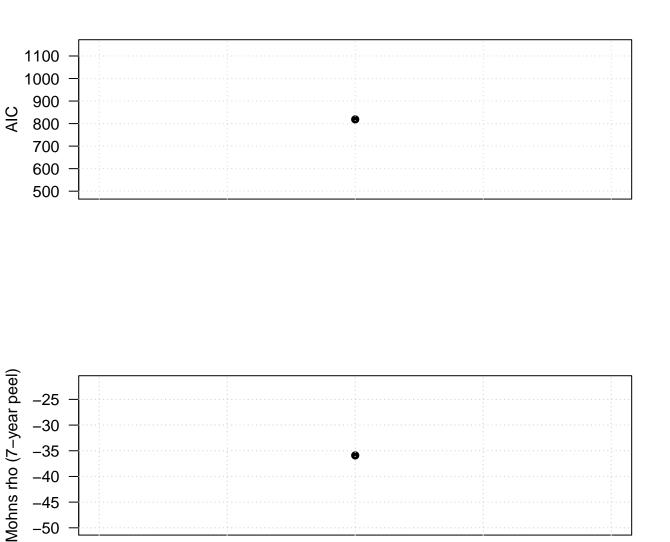






Retrospective pattern in F at age





-45 -50