

ASPIC: Biomass Dynamic Stock Assessment Model

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Abstract

The **aspic** package is an implementation of the ASPIC biomass dynamic stock assessment model in R using the original **FORTRA** executable. The package provides tools for checking of diagnostics, projections, running Monte Carlo simulation and conducting Management Strategy Evaluation.

Keywords: R, aspic, stock assessment.

1. Introduction

2. Data

3. Assessment

4. Reference Points

5. Monte Carlo Simulation

5.1. Bootstrapping

5.2. Jack knife

5.3. MCMC

6. Projection

7. MSE

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