

ASPIC: Biomass Dynamic Stock Assessment Model

Laurence Kell

ICCAT

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****Affiliation:**

Laurence Kell
ICCAT Secretariat
C/Corazón de María, 8.
28002 Madrid
Spain

E-mail: Laurie.Kell@iccat.int