Techical description of Chilean Anchovy and Sardine models

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2017

Introduction

Methods

The operating model and estimation models were written in ADMB (Fournier et al. 20??).

Operating model specifications

$$C_{ij} = N_{ij} \frac{F_{ij}}{Z_{ij}} [1 - e^{-Z_{ij}}]$$

$$N_{ij} = N_{i-1j-1} e^{-Z_{ij}}$$

Estimation model specficiations

$$C_{ij} = N_{ij} \frac{F_{ij}}{Z_{ij}} [1 - e^{Z_{ij}}]$$

Results

Reference Operating model conditioning

Posterior estimation for operating model

Appendix 1, Data input

Tables of input data