

Simulated populations for evaluation of stock-recruit fitting

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Abstract

Your abstract will be typeset here, and used by default a visually distinctive font. An abstract should explain to the general reader the major contributions of the article.

Introduction

Operating models

Initial population

Stock-recruitment deviates

Stock trajectories

Observation error

Grid of scenarios

Simulated populations

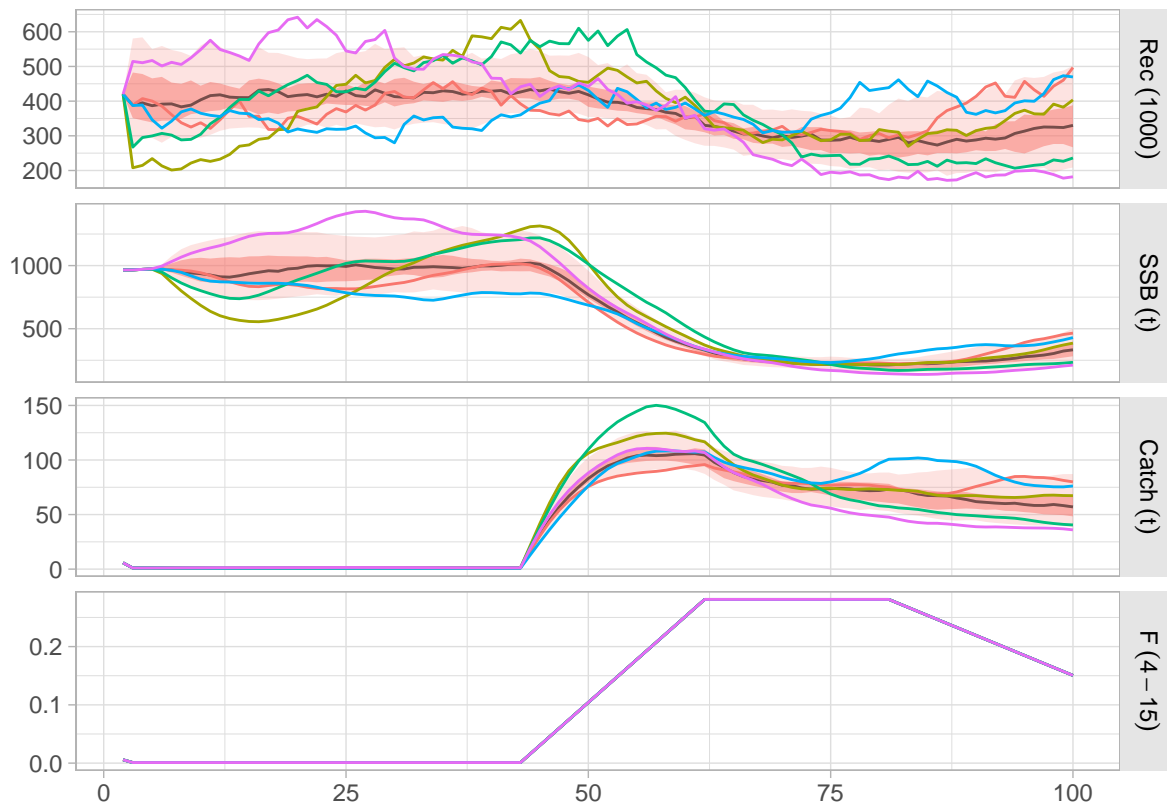


Figure 1: Population time series (recruitment, SSB, catch and F) for a single operating model (Scenario No. 1, random walk recruitment deviances, Beverton-Holt SRR and *Roller-coaster* F trajectory). Ribbons show the 80% probabilities, red line the median, while coloured lines show five individual realizations.

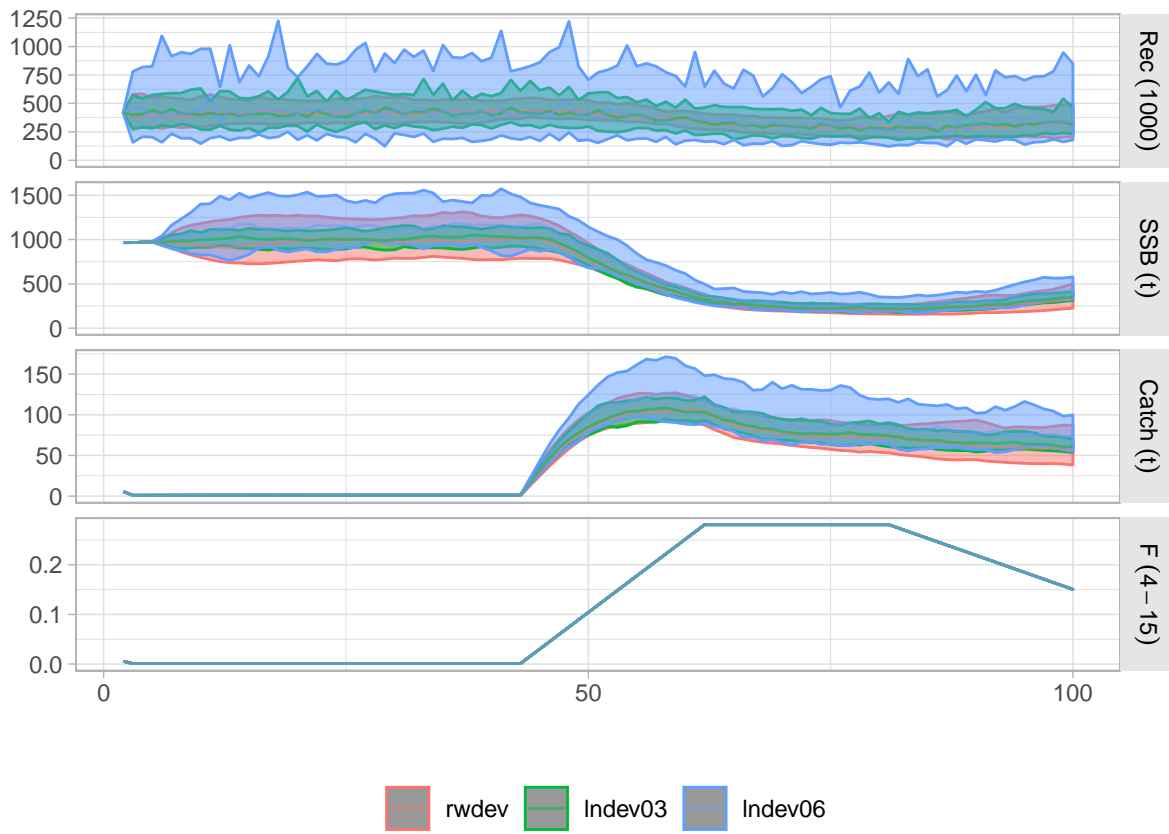


Figure 2: Population time series for the same SRR and F trajectory and the three recruitment deviances.

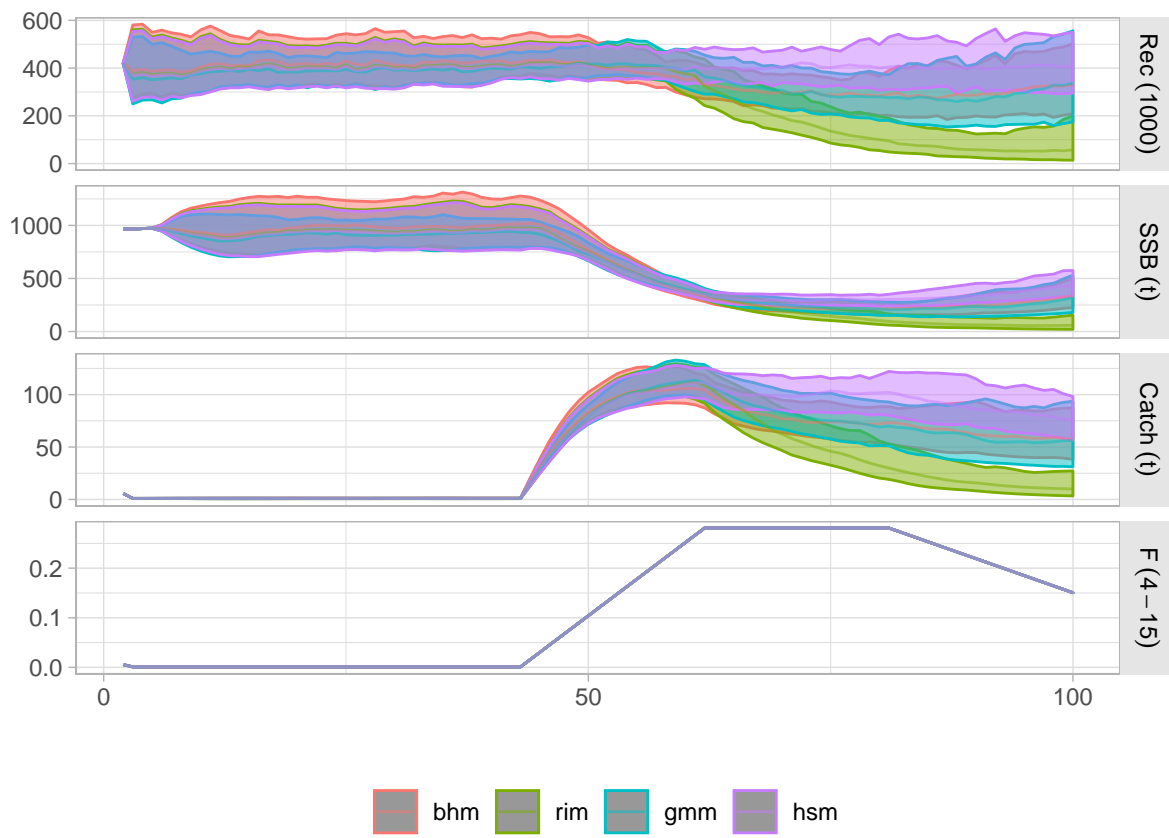


Figure 3: Population time series for the same recruitment deviances and F trajectory and the four SRRs.

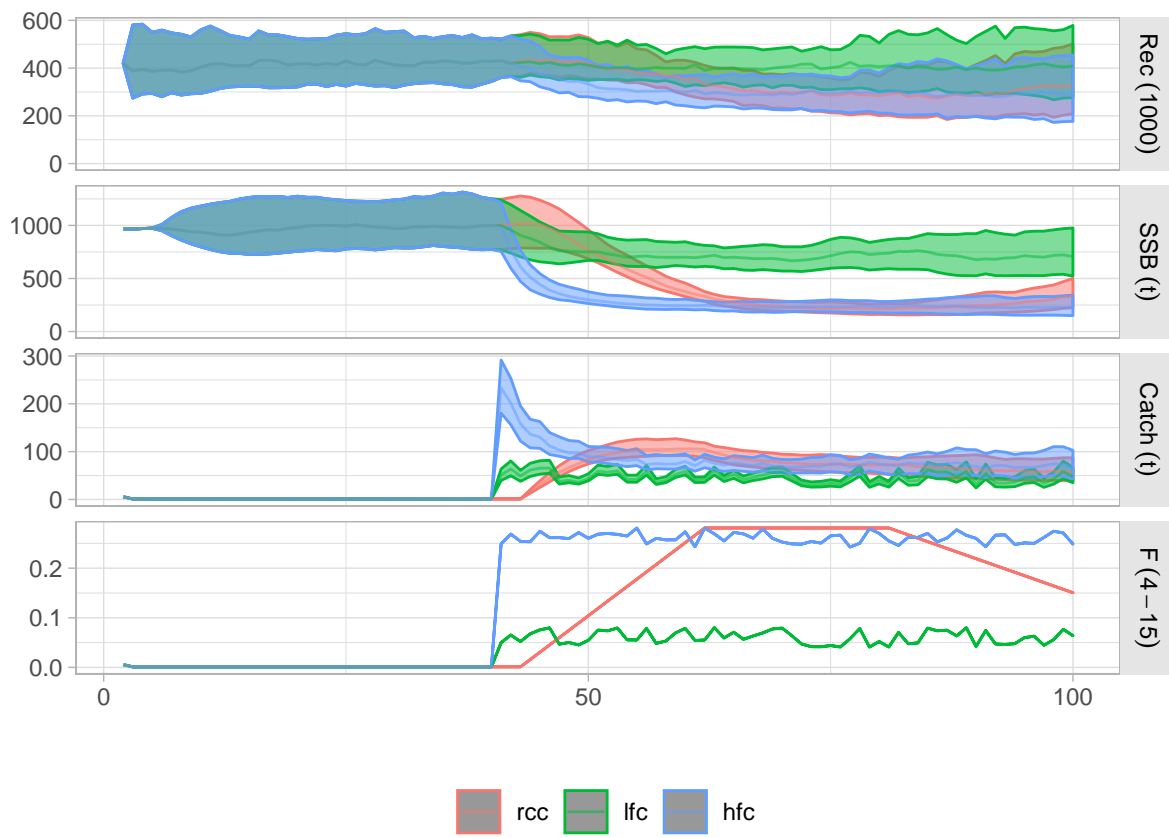


Figure 4: Population time series for the same SRR and recruitment deviances, and three population trajectories.