Estimating Population Trends with Stratified Random Sampling Under the Pressures of Climate Change

Benjamin A. Levy[1], Christopher M. Legault[2], Timothy J. Miller[2], Elizabeth N. Brooks[2]

[1]Ben's Institution, USA

[2]National Marine Fisheries Service, Northeast Fisheries Science Center, Woods Hole, MA, USA

Corresponding author: Ben Levy (benjamin.levy@noaa.gov)

Competing interests: The authors declare there are no competing interests.

Abstract

An Abstract

Keywords

keyword 1, keyword 2

Introduction

Methods

– Used MixFishSim. Describe edits made to package

We use the R package *MixFishSim* (MFS) to model our populations (**dolder2020highly?**). MFS is a discrete spatiotemporal simulation tool where users can model multiple species under varying environmental conditions. The package uses a delay-difference population model with discrete processes for growth, death, and recruitment of the population. We formulate the following inputs for the MFS package to address our research question.

References

Tables