Stock Assessment Report Template

FIRST LAST[1]

1. NOAA Fisheries, ADDRESS, CITY, POSTAL CODE

U.S. Department of Commerce
National Oceanic and Atmospheric Administration
National Marine Fisheries Service

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[AUTHOR NAME]. [YEAR]. Stock Assessment Report Template. National Marine Fisheries Service, [CITY], [STATE]. 20 pp.

1. Executive Summary

1.1. Assessment Model

1.2. Reference Points, Stock Status, and Projections

2. Introduction

Testing adding in an introduction for species. There is currently no read of parameters for child documents.

2.1. Stock ID

2.2. Management History

2.3. Fishery Descriptions

2.4. Ecosystem Considerations

Ecosystem considerations and/or climate indicators were not included in this assessment.

3. Data

3.1. Life History

3.2. Catch

3.3. Indices and Standardization

3.4. Composition Data

3.5. Absolute Abundance

3.6. Environmental/Ecosystem Indicator Data

4. Assessment

4.1. Current Modeling Approach

4.2. Configuration of the Base Model

4.3. Bridging

4.4. Modeling Results

4.4.1. Parameter Estimates

4.4.2. Time Series

4.4.3. Model Fits

4.4.4. Model Diagnostics

4.5. Sensitivity Analyses

4.6. Management Benchmarks

4.7. Projections

5. Discussion

6. Acknowledgements

This document was produced using the R package asar (Schiano et al. 2025), which is free to use and publicly available on GitHub.

7. References

Schiano, S., Breitbart, S., and Saul, S. 2025. Asar: Build NOAA stock assessment report. Available from https://github.com/nmfs-ost/asar.

8. Tables

Please refer to the `stockplotr` package downloaded from remotes::install_github('nmfs-ost/stockplotr') to add premade tables.

9. Figures

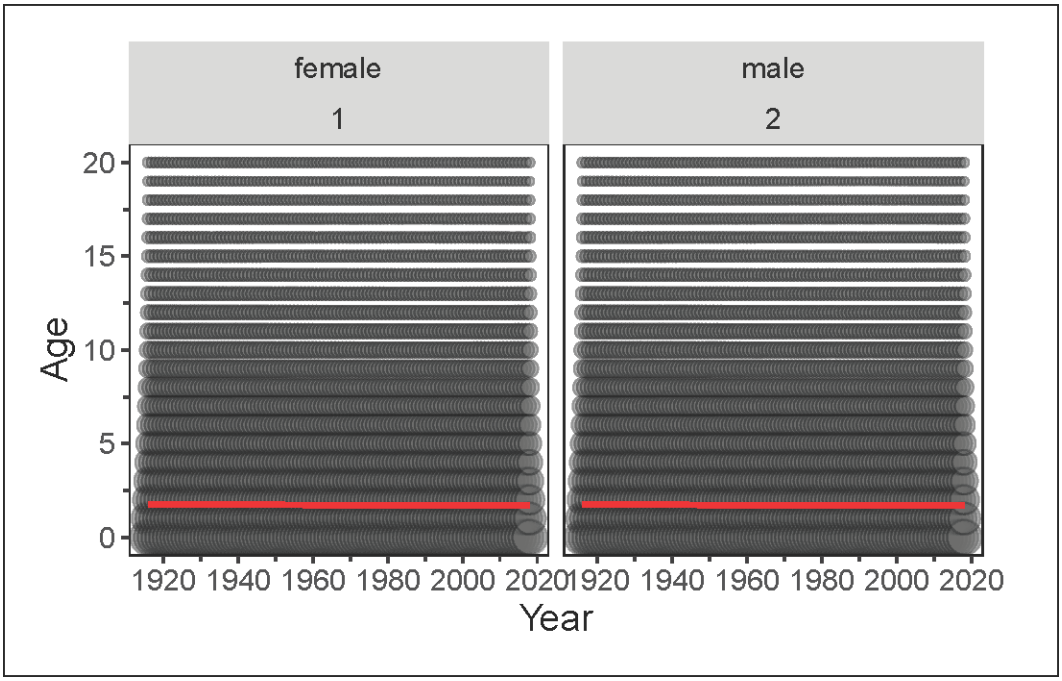

Figure 1: Model estimate of population numbers at age over time. The relative size of each bubble for a given year and age indicates the relative abundance in that category compared with others.

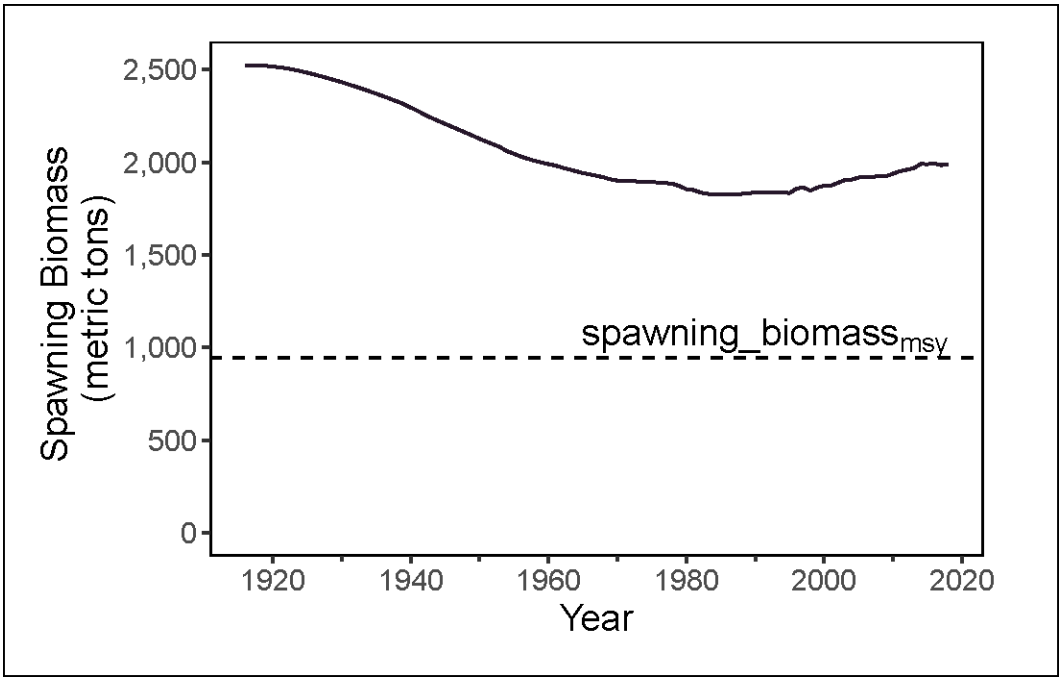

Figure 2: Model-estimated spawning stock biomass (SSB) time series. The horizontal dashed line represents the spawning stock biomass associated with the biomass limit reference point (msy metric tons).

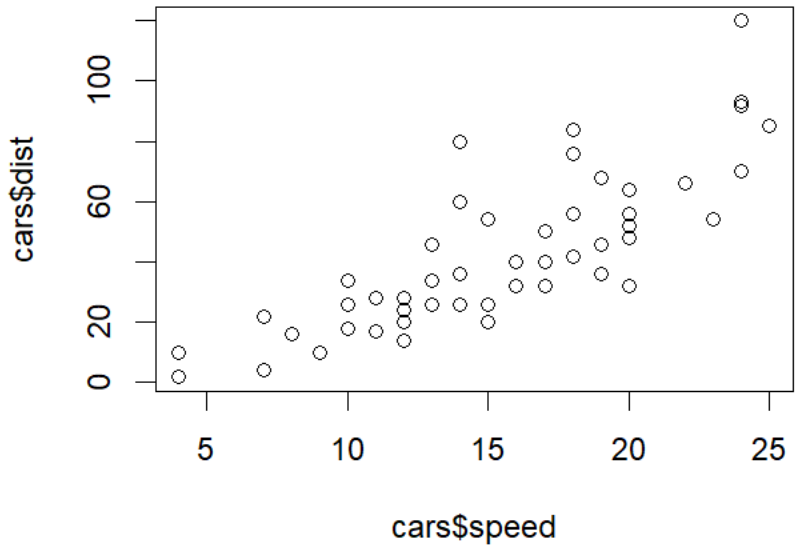

Figure 3: My example figure produced from the cars data.

A. Appendices