

**JOINT IATTC AND WCPFC-NC WORKING GROUP ON THE
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Guide to the Pacific Bluefin Tuna (PBF) Management Strategy Evaluation (MSE) Shiny App

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Guide to the Pacific Bluefin Tuna (PBF) Management Strategy Evaluation (MSE) Shiny App

The ISC Pacific Bluefin Tuna Working Group has developed an interactive Shiny App to help stakeholders explore results of the PBF Management Strategy Evaluation (MSE).

Access the Tool: [PBF MSE Interactive App](#)

Platform Overview

Upon accessing the application, the **landing page** offers a summary of the 16 Harvest Control Rules (HCRs) evaluated, along with a table detailing the management objectives and performance indicators used to assess these candidate HCRs.

Navigation and Analytics

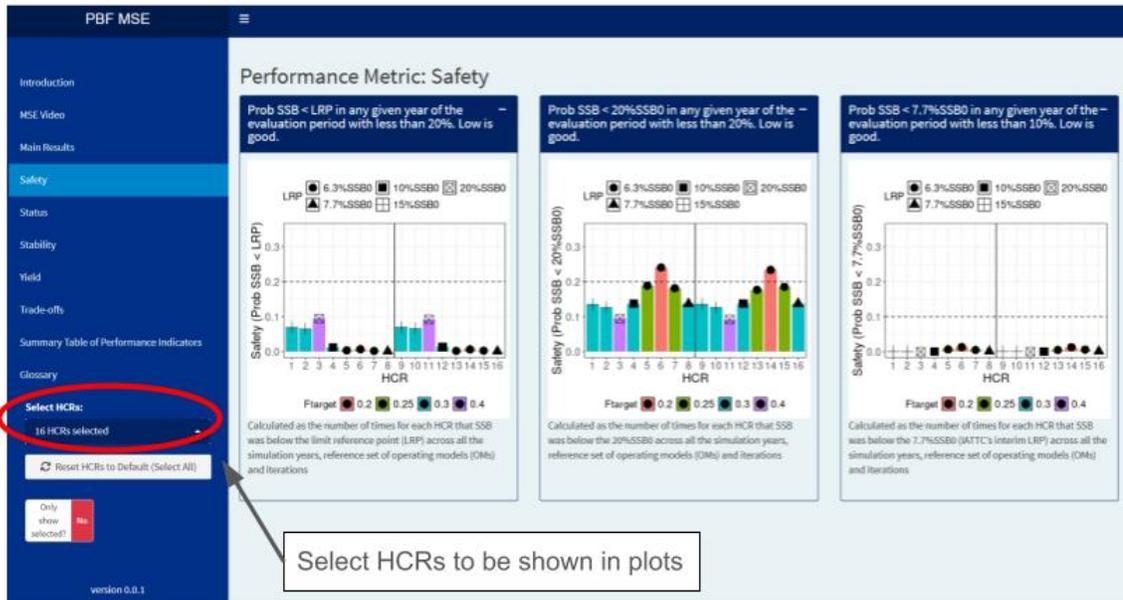
The application is structured into functional tabs located on the left sidebar:

- **Main Results:** This section provides the list of key results with links to supporting plots and documentation.
- **Performance Metrics:** Users can view summary plots categorized by **Safety, Status, Stability, and Yield**. Note that for the **Safety** and **Yield** performance metrics only the first row of plots is shown. To display the other plots, click on the + on the top right corner of each plot.
- **Trade-off Analysis:** A dedicated tab illustrates the balance and compromises between different performance indicators. Note that only the first row of the **Trade-off** plots is automatically shown. To display the other plots, click on the + on the top right corner of each plot.
- **Summary Table:** Results for all indicators, including the **potential 2026 Total Allowable Catch (TAC)** for each HCR, are available in a standalone table.

Customizing Visualizations

Safety While the application defaults to showing results for all 16 HCRs, the view can be tailored for specific comparisons:

- **STEP 1: Check Defaults** The app shows results for **all 16 HCRs** by default.



- **STEP 2: Select HCRs** Go to the **bottom left** of the sidebar and click the "**Select HCRs**" button. (*Look for the dropdown menu!*)
- **STEP 3: Auto-Update** The plots will automatically refresh to show **only** the HCRs you selected.

Support and Documentation

For users requiring additional context or technical clarification:

- **Glossary Tab:** Provides definitions for standard MSE terminology.
- **MSE Video Tab:** Features an in-depth video presentation covering the MSE framework and result interpretations.