Performance Comparison

SUMMARY OF RESULTS
Management procedure 1 (MP1) performs best, scoring well for all performance metrics over the 20-year projection period except short-term catch, a necessary tradeoff to ensure long-term population health. MP3 also scores highly, particularly for long-term catch and avoiding the limit reference point, but with much lower short-term catch, less stability in catches from year to year and a lower chance of being in the Kobe green quadrant. MP4 performs well for short-term yield at the sacrifice of population health.

READING THIS CHART
This chart compares the performance of 5 management procedures (MP) against 10 performance metrics.

Each value is a median for X operating models over 20 years in the projection period 2020-2040.

The large dots represent the average score for all performance metrics in each management procedure. It provides a quick measure of overall MP performance.

Small dots represent individual scores for performance metrics in each management procedure.

Scores on the right side of the scale indicate better performance.

Performance metrics with the largest differences across MPs are shown first as they may be key to assessing and choosing a MP.

Glossary
Blim Biomass limit reference point
pGreen Probability that the population is not overfished and not subject to overfishing (i.e., in the green quadrant of the Kobe plot)

MANAGEMENT PROCEDURE

<table>
<thead>
<tr>
<th>MANAGEMENT PROCEDURE</th>
<th>MP4</th>
<th>MP5</th>
<th>MP2</th>
<th>MP3</th>
<th>MP1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall scores (average)</td>
<td>67.6%</td>
<td>82.3%</td>
<td>85.4%</td>
<td>96.2%</td>
<td>98.2%</td>
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</tbody>
</table>

PERFORMANCE METRICS WITH NO SIGNIFICANT DIFFERENCES ACROSS MPs

PERFORMANCE METRICS WITH SIGNIFICANT DIFFERENCES ACROSS MPs

- Net revenue
- pGreen
- Interannual variation in yield
- Catch after 3 years - short-term
- Catch after 30 years - long-term
- >Blim

- Minimize bycatch
- Equitable fishing opportunities
- CPUE
- Food security