Performance Comparison

MP1-MP5. Median values over 20-year projection (2020-2040).*

Best scores
MP1
MP3 MP2

SUMMARY OF RESULTS

Management procedure 1 (MP1) performs best, scoring well for all 6 performance metrics over the 20-year projection period. MP3 also scores highly but with less stability in catches from year to year. MP2 performs well for yield-related metrics at the sacrifice of population health.

READING THIS CHART

This chart **compares the performance of 5 management procedures (MP) against 6 performance metrics**.

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

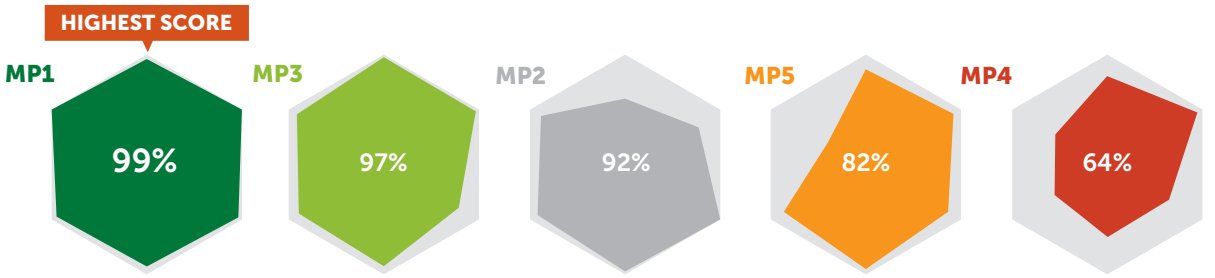
- The **filled hexagons on top** represent an **average score of all** performance metrics for each management procedure. It provides a quick comparison of overall MP performances. **Larger areas indicate better overall performance**.
- **The lines in the bottom spider plot** connect **individual scores** for the performance metrics in each management procedure. Scores closer to the exterior edge indicate better performance.

Glossary

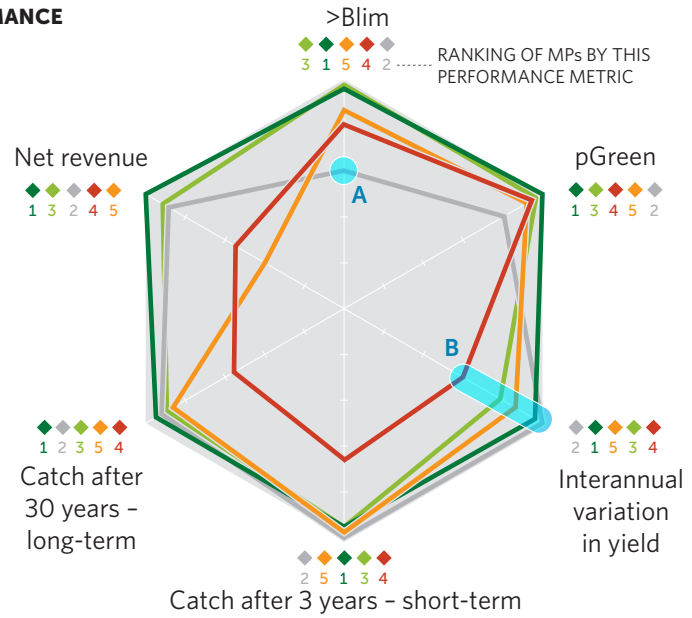
Blim Biomass limit reference point

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 **Overall scores** (average of 6 performance metrics)



PERFORMANCE METRICS



Notes

A *Maximizing catch in the short-term has a tradeoff of increasing the likelihood of the population declining below the limit reference point.*

B *MP2 has the lowest interannual variation in catch, making it the most stable MP, while MP4 has the most variation and least stability.*

*The plot can also be used to show the results at the end of the projection period.