

Comisión Interamericana del Atún Tropical
Inter-American Tropical Tuna Commission



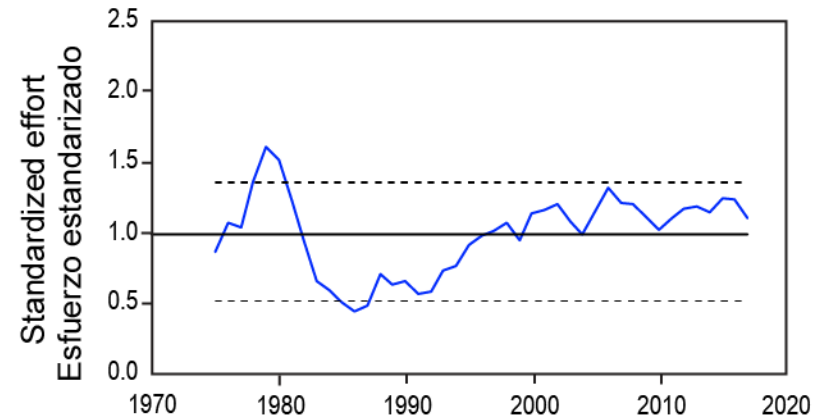
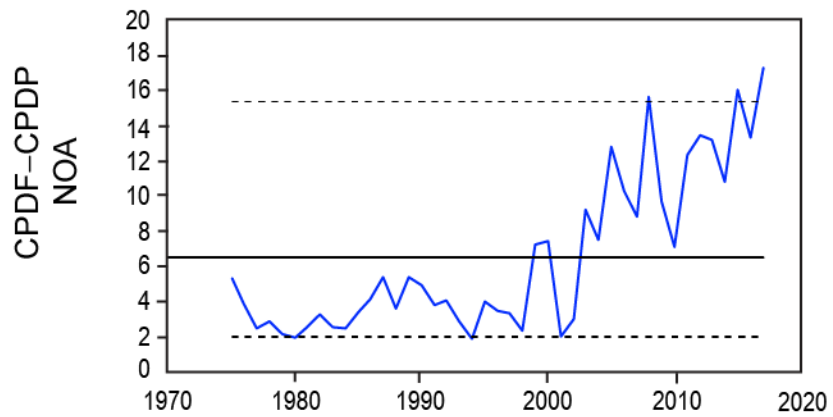
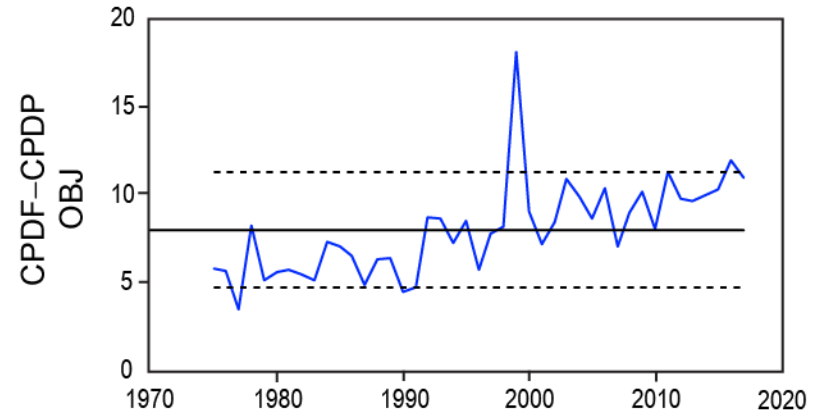
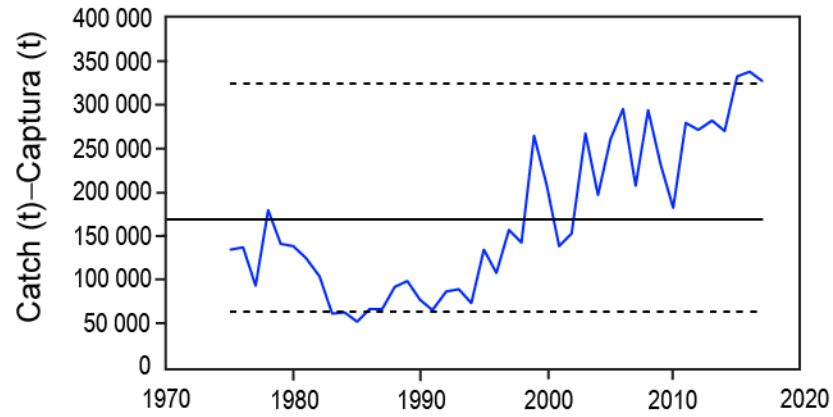
UPDATED INDICATORS OF STOCK STATUS FOR SKIPJACK TUNA IN THE EASTERN PACIFIC OCEAN

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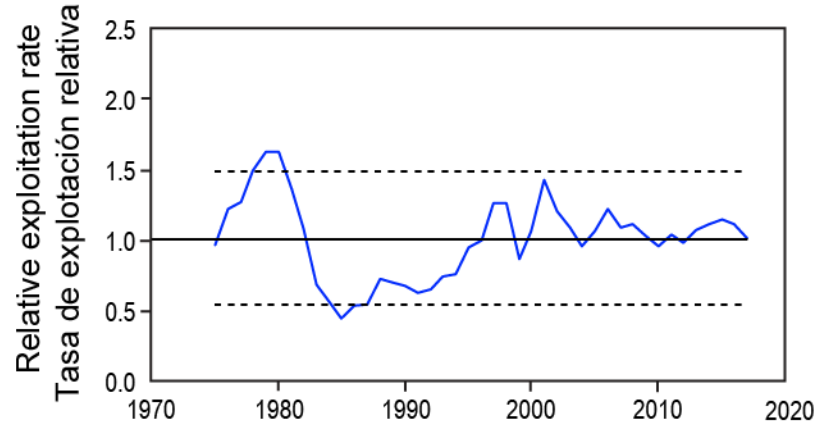
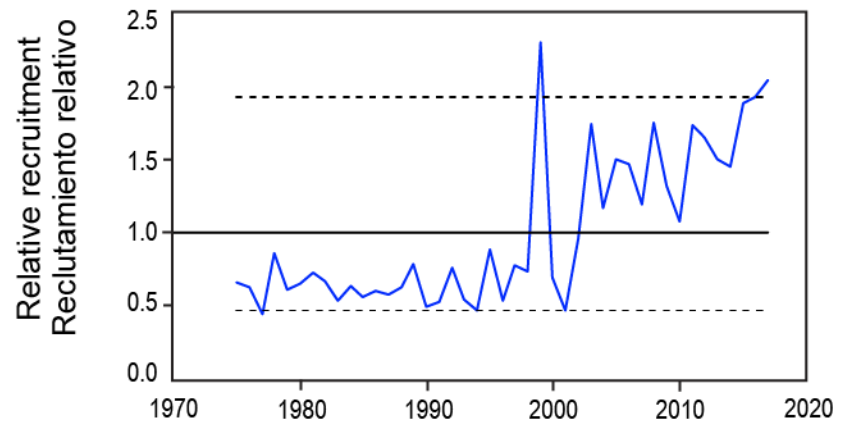
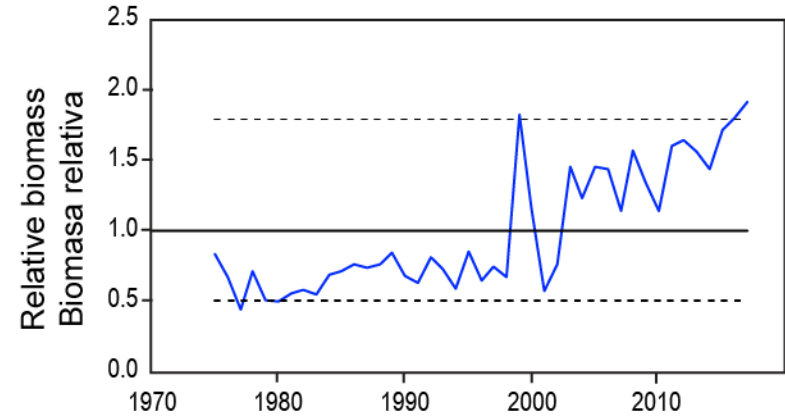
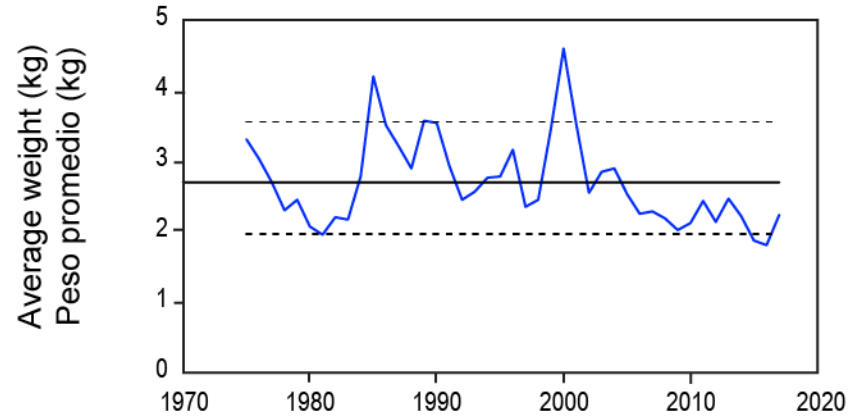
Indicators

- Based on data (catch, effort, CPUE, and mean weight)
- Based on a simple population dynamics model (biomass, recruitment, and exploitation rate)
- Reference levels based on the 5th and 95th percentiles

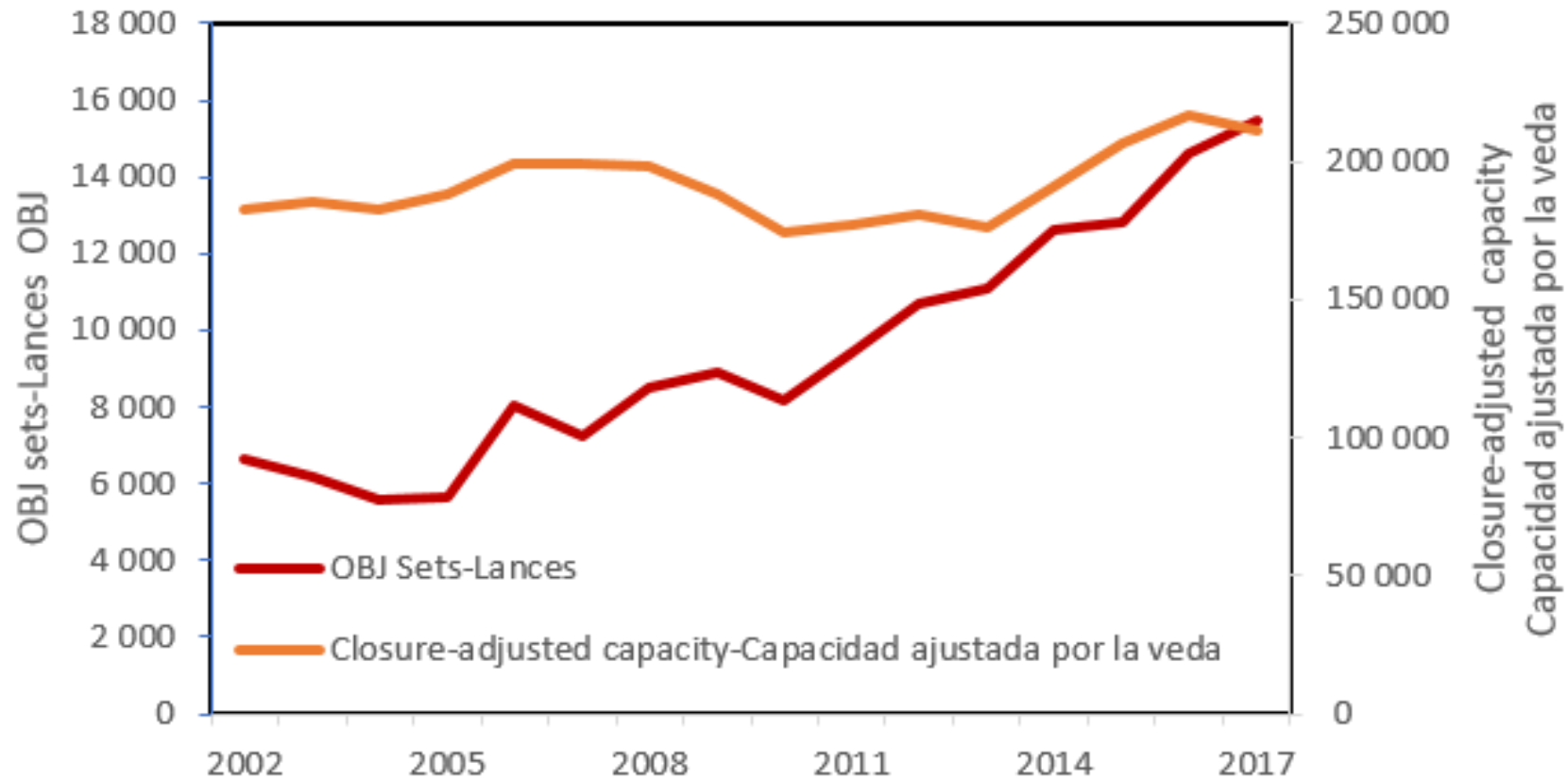
Indicators



Indicators



Number of sets

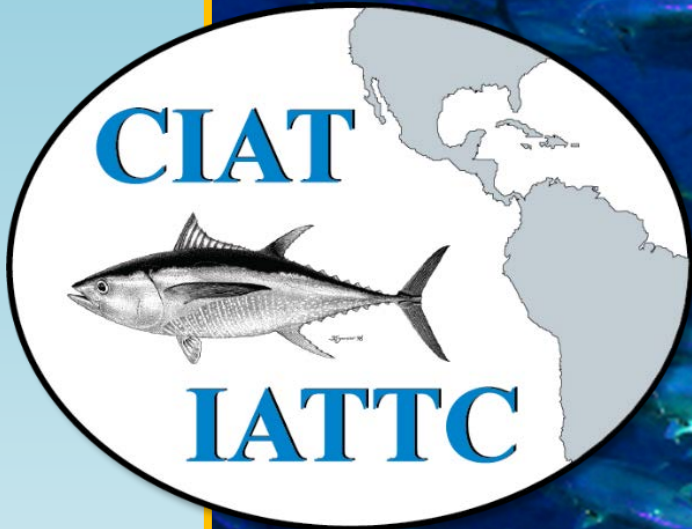


Conclusions

- Indicators not detected any adverse impacts of the fishery
- Average weight was below its lower reference level in 2015 and 2016
- Could be a consequence of
 - Overexploitation
 - High recent recruitments
 - Expansion of the fishery into areas of smaller skipjack
- Constantly increasing catch and CPUE, and corresponding estimates of recruitment and biomass difficult to explain.
- Increasing number of sets is a concern

Conclusions

- Skipjack is assumed to be more productive, but have similar susceptibility as bigeye
- Assumed to be managed appropriately under bigeye and yellowfin measures
- Current bigeye assessment problematic



Questions

