

# STATUS OF THE MANAGEMENT PROCEDURE EVALUATION FOR ALBACORE

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iotc ctoi

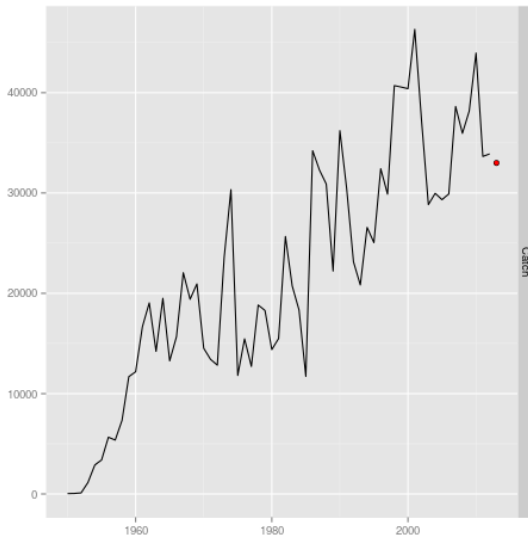
# An example MP: QCPUE



- ▶ Output: Total catch (TAC)
- ▶ Data: One CPUE series
- ▶ Tuning:
  - ▶ Quantiles
  - ▶ Delta
- ▶ Lags:
  - ▶ Science: 2 years
  - ▶ Management: 1 year
- ▶ Error:
  - ▶ CPUE observation
  - ▶ Implementation

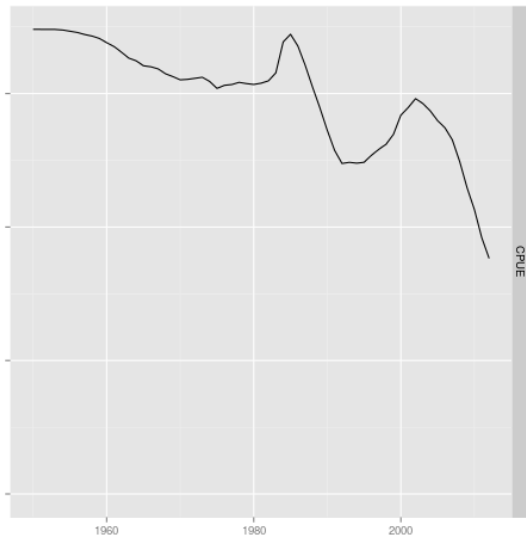
# An example MP: QCPUE

- Output: Total catch (TAC)



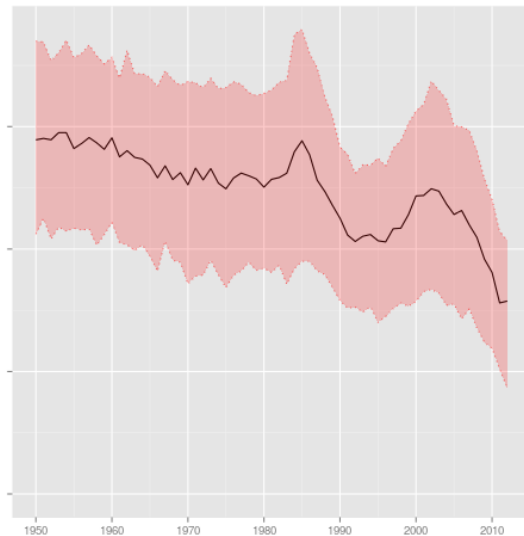
# An example MP: QCPUE

- Data: One CPUE series



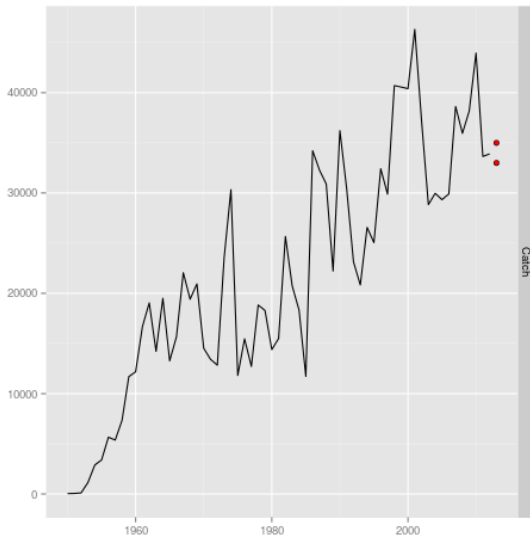
# An example MP: QCPUE

- Tuning: Quantiles



# An example MP: QCPUE

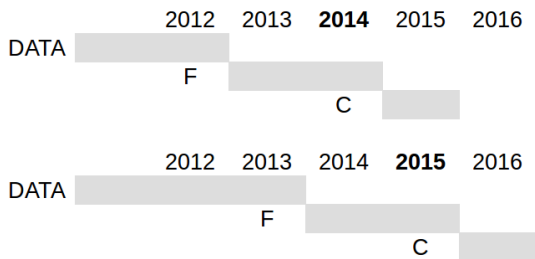
- Tuning: Delta



# An example MP: QCPUE

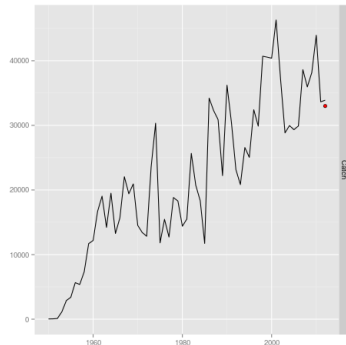
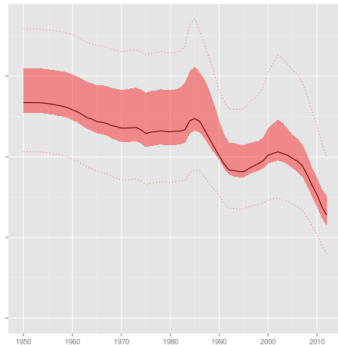


## ► Lags: Science & Management



# An example MP: QCPUE

## ► Error: Observation & Implementation





# A run of the past



# Looking at the future



- ▶ 3 SR scenarios

# Trade-offs



- ▶ Margin of manoeuvre vs. risk (Quantiles)
- ▶ Speed of response vs. risk (Delta)

# Future work



- ▶ Environmental factors: Recruitment
- ▶ Alternative MPs

## Further details



- ▶ All code is Open Source

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