

# Motivation

## Excerpt from December SSC minutes

*“The goal of this workshop will be to evaluate how the risk table process is working; address consistency issues with the risk table as identified by the GPTs, authors, and SSC; and to provide guidance for moving forward. The SSC appreciates hearing about the challenges the authors and JGPT have found with the risk table process.”*

## Excerpt from JPT minutes

*It was also challenging to assess what the magnitude of reduction from maxABC is appropriate when reduction is warranted.*

- 2018 Plan Team Assessment Workshop on Ensemble Modeling and ABC adjustment.
- Review record of Risk Table performance.
- 2021 SSC workshop - Discussion between SSC and PTs to prepare for May CPT, September GPT meetings, and October SSC meeting.
- *Dorn, M., S. G. Zador. 2020. A risk table to address concerns external to stock assessments when developing fisheries harvest recommendations. Ecosystem Health and Sustainability, 6:1, 1813634, DOI: 10.1080/20964129.2020.1813634.*

# Welcome

- Workshop Logistics
  - SSC, PTs, Authors raise hands
  - Public use chat and we will read out the questions
  - Public testimony at end
- Format – mix of plenary and breakout sessions
  - Review of past case studies
  - Issues and challenges
  - Breakout sessions
  - Plenary review of breakout session findings
  - Revisiting frameworks
  - Public testimony
  - SSC discussion

# Definitions

- Uncertainty

- *“A state of incomplete knowledge that can result from a lack of information or from disagreement about what is known or even knowable. It may have many types of sources, from imprecision in the data to ambiguously defined concepts or terminology, incomplete understanding of critical processes, or uncertain projections of human behaviour. Uncertainty can therefore be represented by quantitative measures (e.g., a probability density function) or by qualitative statements (e.g., reflecting the judgment of a team of experts) (see IPCC, SROCC Glossary, 2019)”.*

- Risk

- Qualitative assessment of the risk of getting something wrong (Dorn and Zador 2020)
  - Assessment related
  - Population dynamics
  - Environmental/ecosystem
  - Fishery performance