

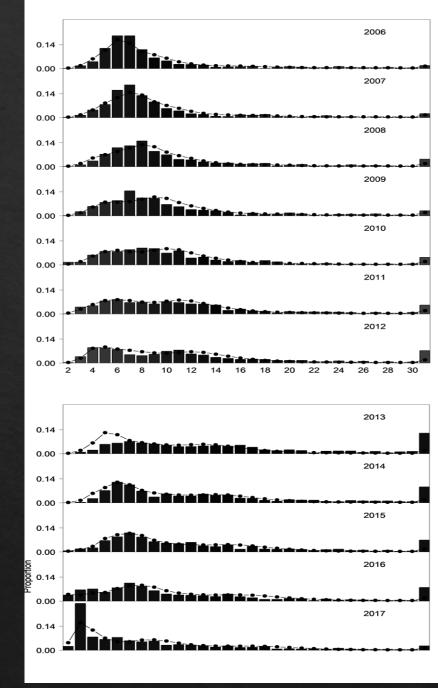
Source: https://www.seafoods.com/

Sablefish Discarding Allowance

Discussion Paper for December 2019

Background

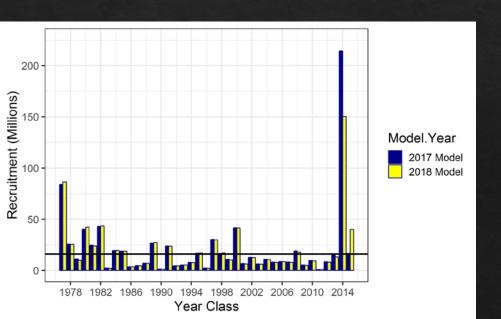
- Fixed gear IFQ fishery (80-90%)
 - No Discarding
- Trawl MRA fishery (20-10%)
 - Discarding with 100% DMR

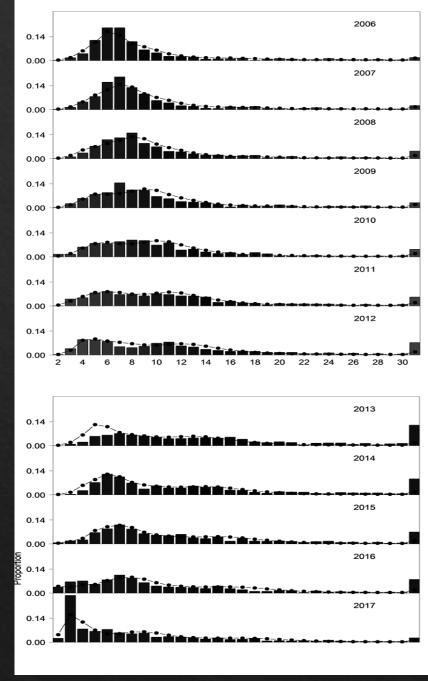


Figures from 2018 SAFE

Background

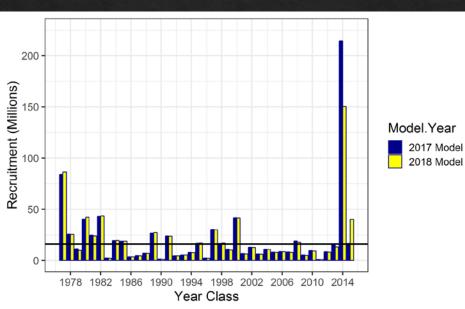
- 2014 Year Class
 - 7.5 x average year class

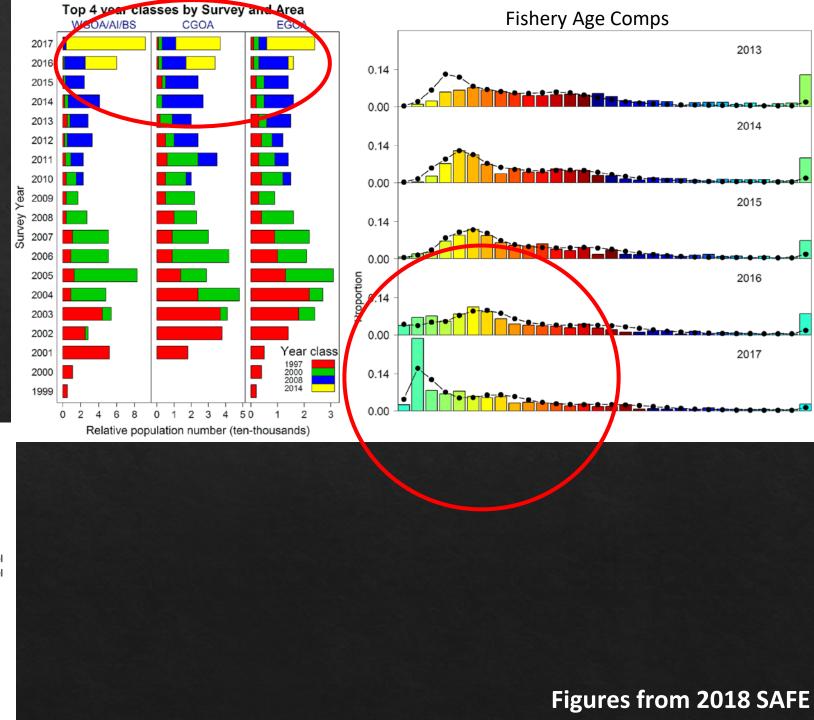




Figures from 2018 SAFE

Background





Issues for 3rd Discussion Paper

- Voluntary versus mandatory release of sablefish
- Single size limits versus area specific size limits
- Discard accounting relative to ABC and TAC
- Proxy DMR options at the initiation of sablefish discarding
- Gear specific DMRs
- Concerns related to monitoring and enforcement
- Implications on stock abundance and allocations

Issues for 3rd Discussion Paper

- Voluntary versus mandatory release of sablefish
- Single size limits versus area specific size limits
- Discard accounting relative to ABC and TAC
- Proxy DMR options at the initiation of sablefish discarding
- Gear specific DMRs
- Concerns related to monitoring and enforcement
- Implications on stock abundance and allocations

Voluntary vs mandatory release

- Voluntary
 - Fishery

- Enforcement

Monitoring

- Uncertainty

- Mandatory
 - Fishery

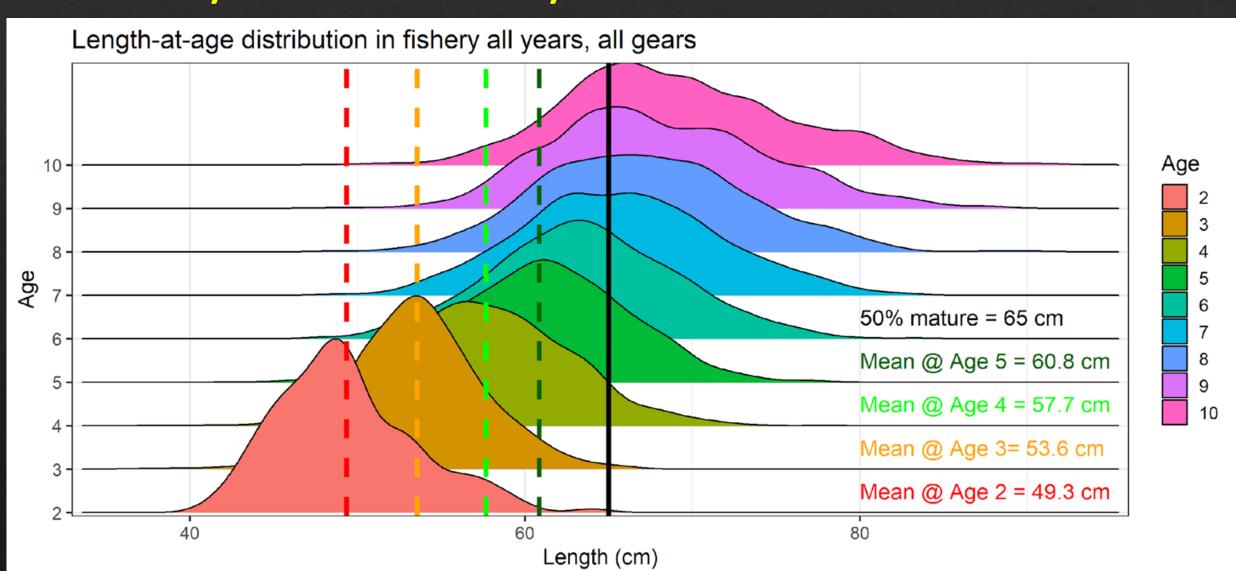
- Enforcement

Monitoring

- (<u>-</u>
- Uncertainty

Requires Size Limit

Voluntary vs mandatory release

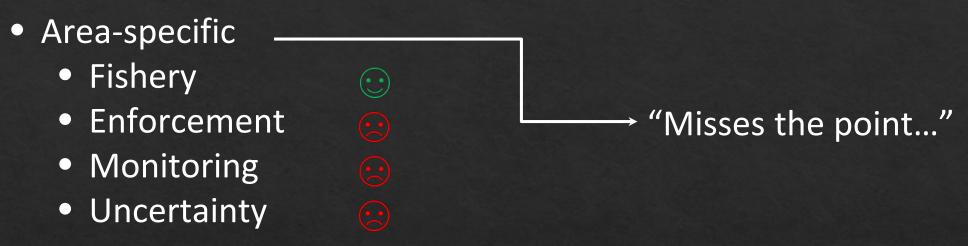


Voluntary vs mandatory release

Question for the Plan Teams:

- Recommend ruling out voluntary discarding?
- Other recommendations?

Area specific size limits



- Single
 - Fishery

- •
- Enforcement
- •

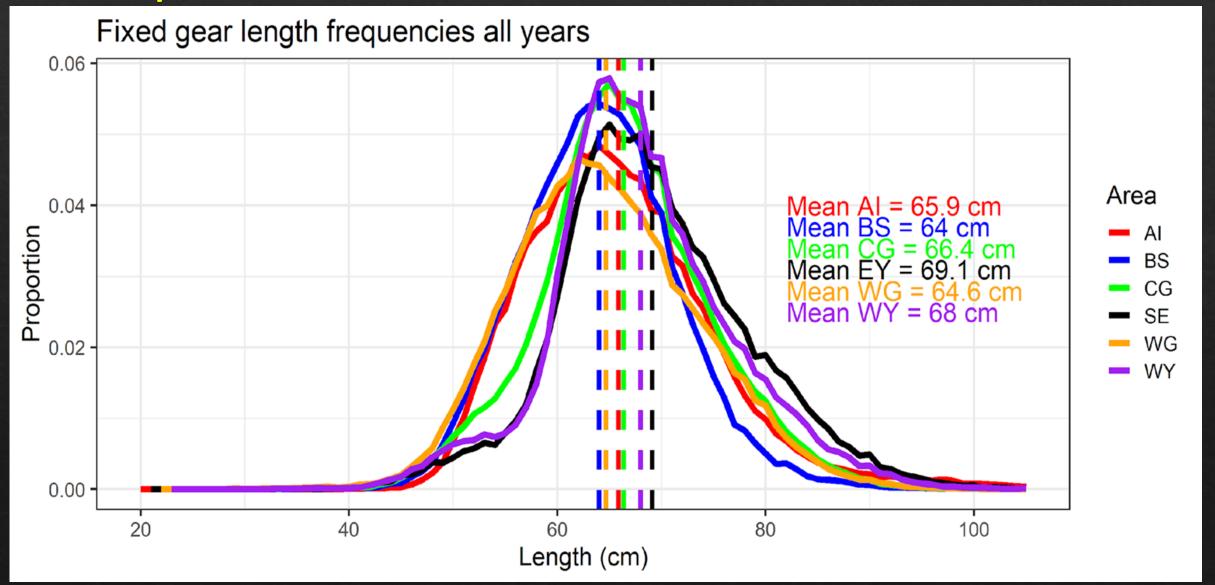
Monitoring

<u>-</u>

Uncertainty

0

Area specific size limits



Area specific size limits

Question for the Plan Teams:

- Recommendation on area-based size limits?
- Other recommendations?

Discard estimation sources

- Survey
 - Selectivity inconsistencies
- Observer and EM data
 - Size only avail. from observers
 - Extrapolation issue if size assumed in EM
- Logbooks
 - Non-starter (need real time)

Discard estimation sources

Questions for Plan Team

- Recommendation on use of logbooks for discard estimates?
- Preferred source of estimates?

Incorporating uncertainty in discard rate estimates

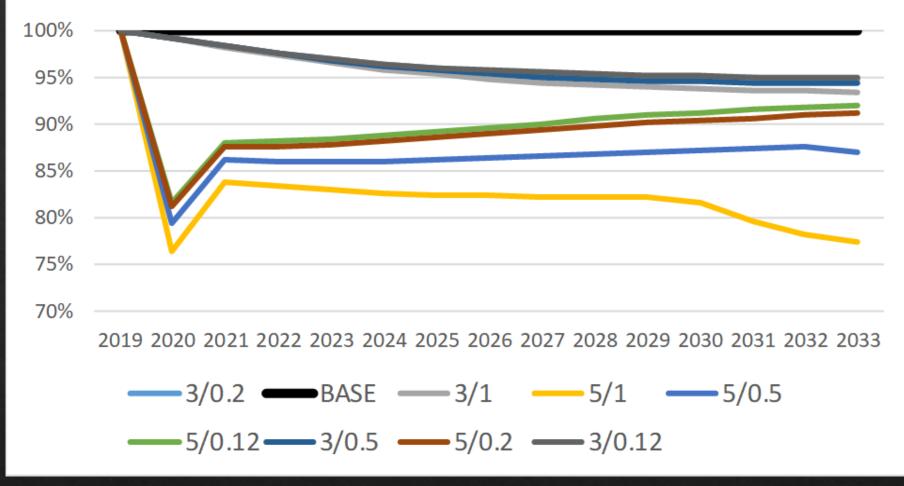
- No variance estimate for landings or discards
- Simulations possible
- Precautionary DMR and well-considered discard estimates is best option
- Focus on discard estimation methods to address

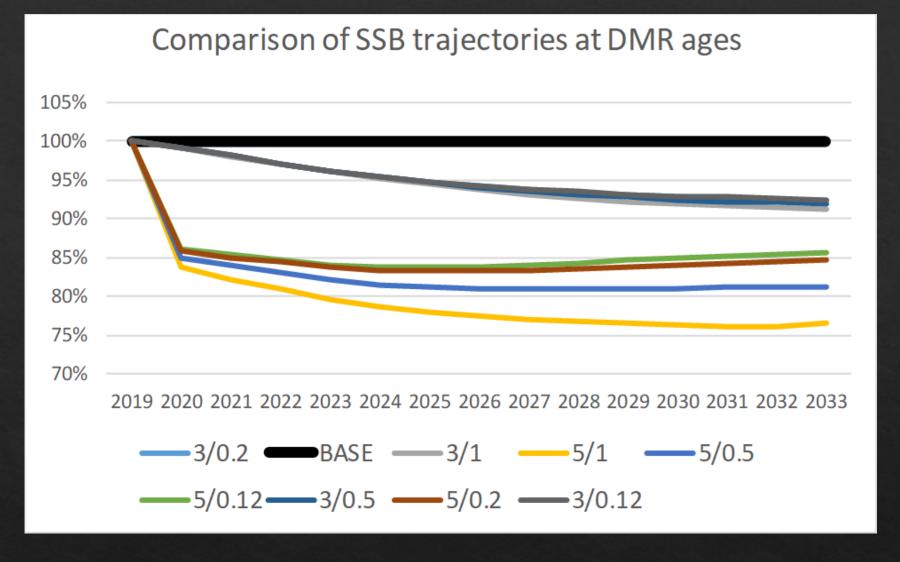
Incorporating uncertainty in discard rate estimates

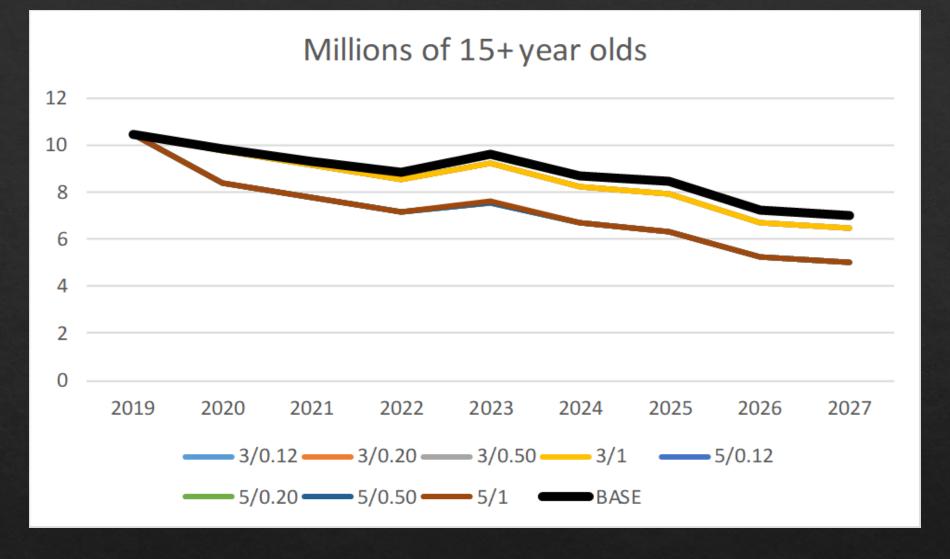
Comments?

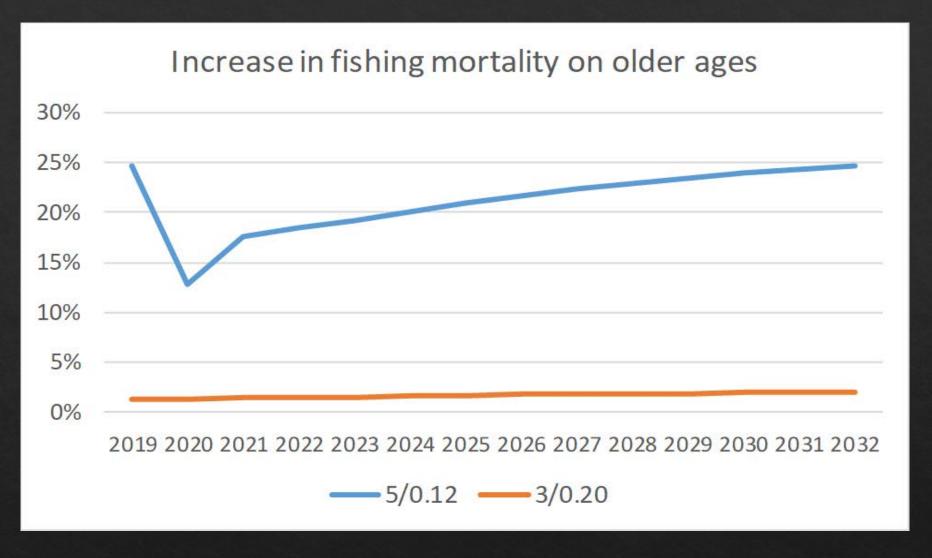
Extra Slides











Goals

- Rule out some management options
- Identify concerns
- Uncertainty?
- Impacts to stock?
- Issues to consider