

# Paper 1

## Plan

- Finish reading (Sam)
- Rewrite Introduction - define clear question and hypothesis
- Lit review - Start with Feenstra and McGarvey
- Strip aquaculture
- strip CPUE??
- Merge data sets (Michelle)
- Run and understand code/model
  - For their data
  - for our data
  - for combined data
- Start with aggregated data (ignore age/size structure)
- Analyse and then decide

## Methods

- What is the data we need?
  - Individual recovery lat and long
  - If not possible, recovery by STRS area across all survey designs
- What is the data we have?
- What can it tell us?
- How can we get it to tell us this?

## Paper 2

**Question: What is the inlet stock size?**

**Sub-question: What is the contribution to offshore fisheries?**

### Methods

- What is the data we need?
  - Individual recovery lat and long
  - If not possible, recovery by STRS area across all survey designs
  - CPUE spatially explicit in 3d (lat, long, depth)
- What is the data we have?
- What can it tell us?
- What is the (relative) abundance of sablefish in nearshore inlets
- How can we get it to tell us this?
  - Jolly Seber (or some variant)