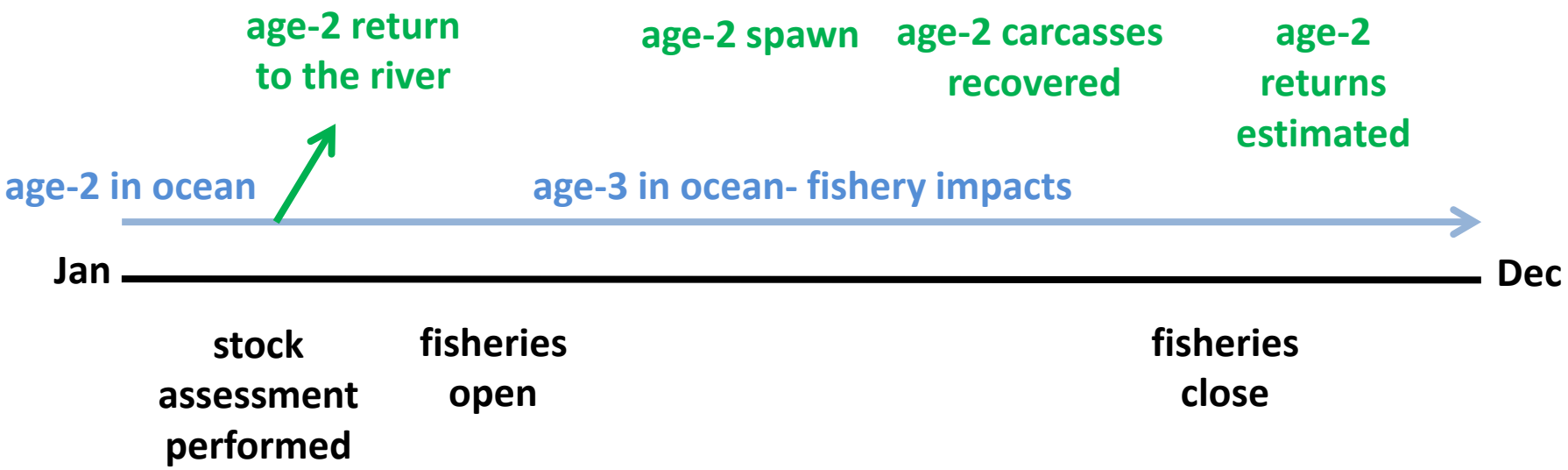
Developing a new winter Chinook control rule

1. Develop index of abundance
2. Develop alternative control rules
3. Evaluation of alternative control rules

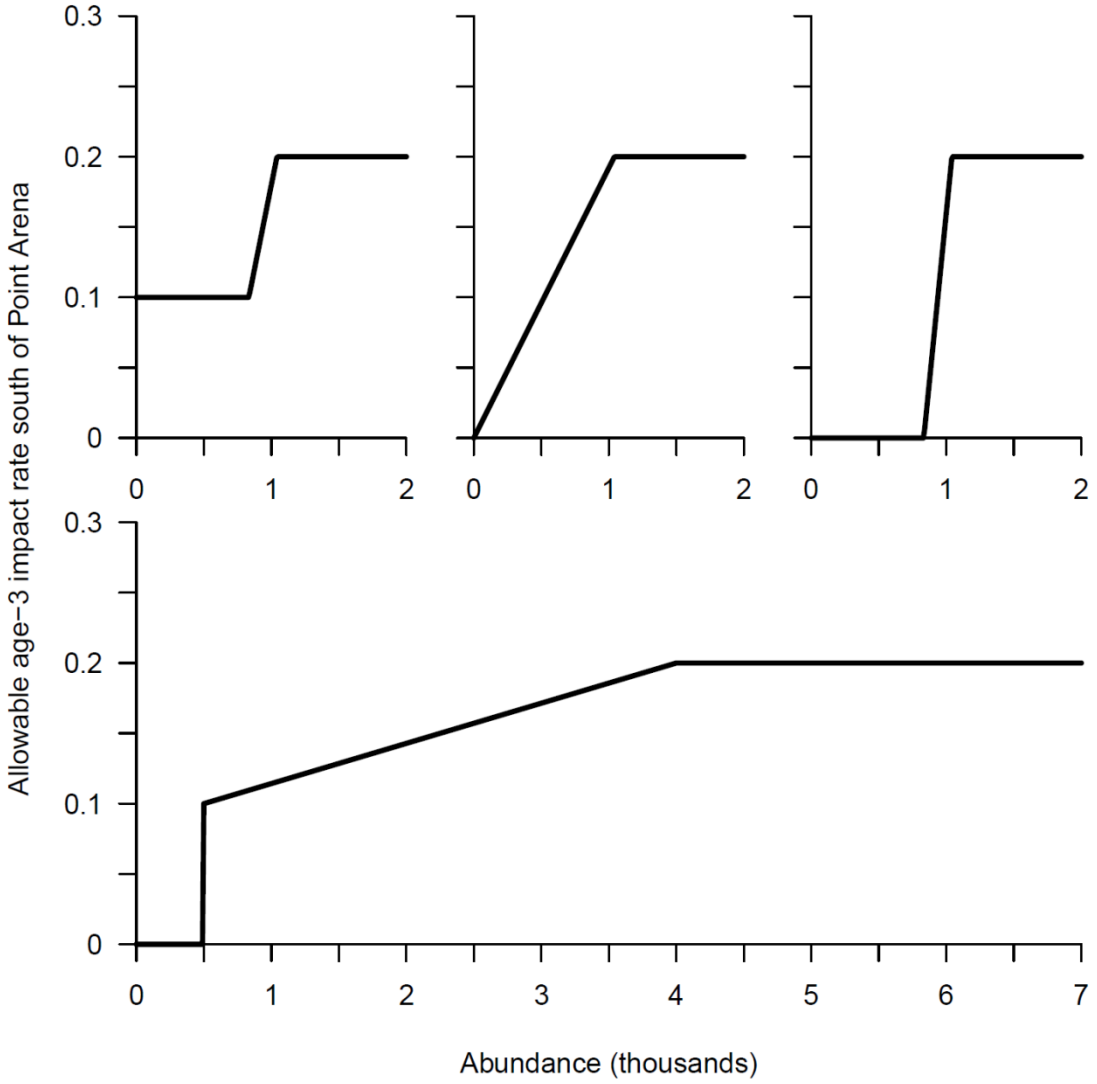
Winter Chinook cohort and management timelines



Developing a new abundance index

- Possible data sources
  - Spawner abundance
  - Some river juvenile data (e.g., fry at Red Bluff)
  - River migration survival estimates
  - River, estuary and ocean condition measures
- Challenges
  - Age-2 data unavailable for age-3 abundance forecast
  - Traditional sibling regressions not feasible
- Model development necessary

Development of alternative control rules



Evaluation of control rules

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Management strategy evaluation applied to the conservation of an endangered population subject to incidental take

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