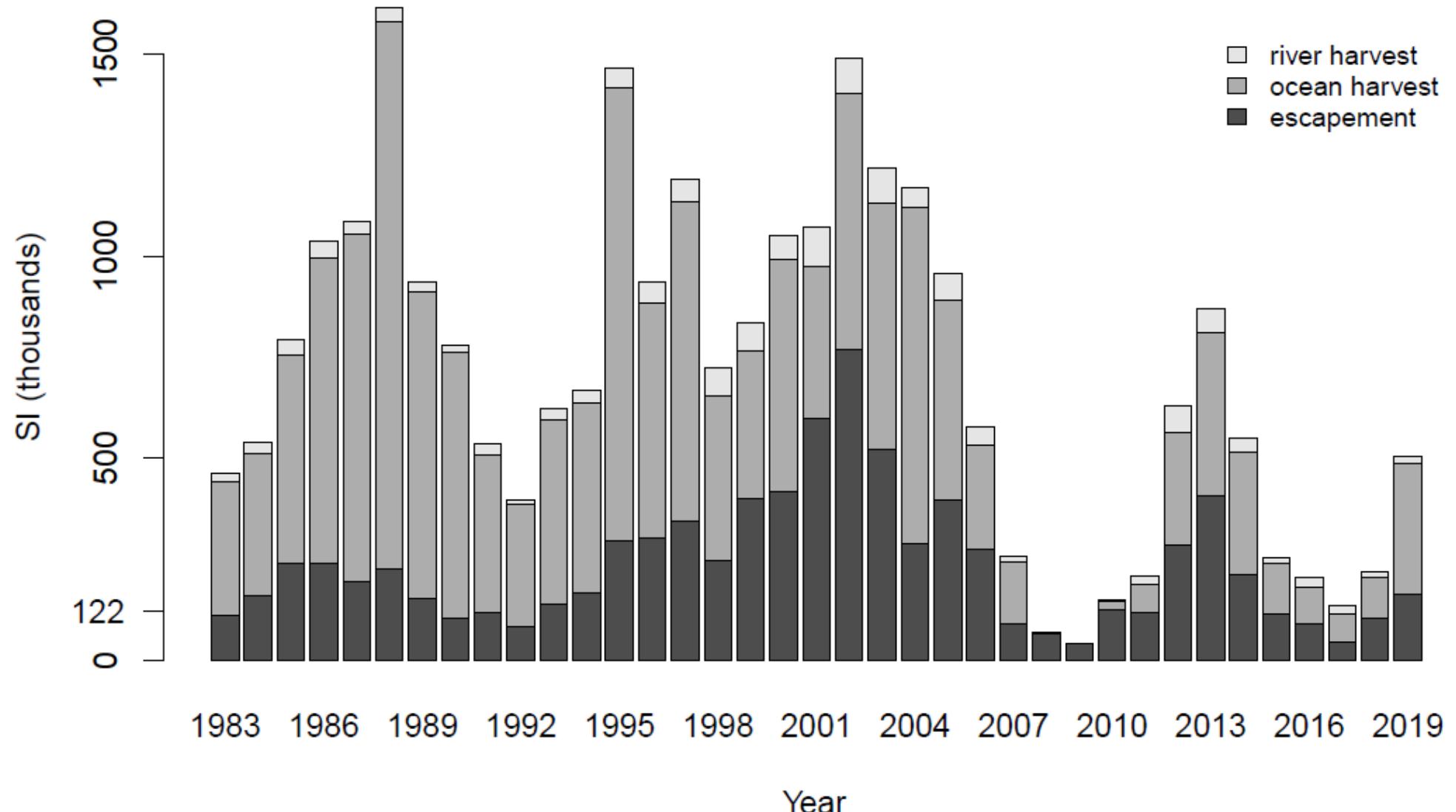
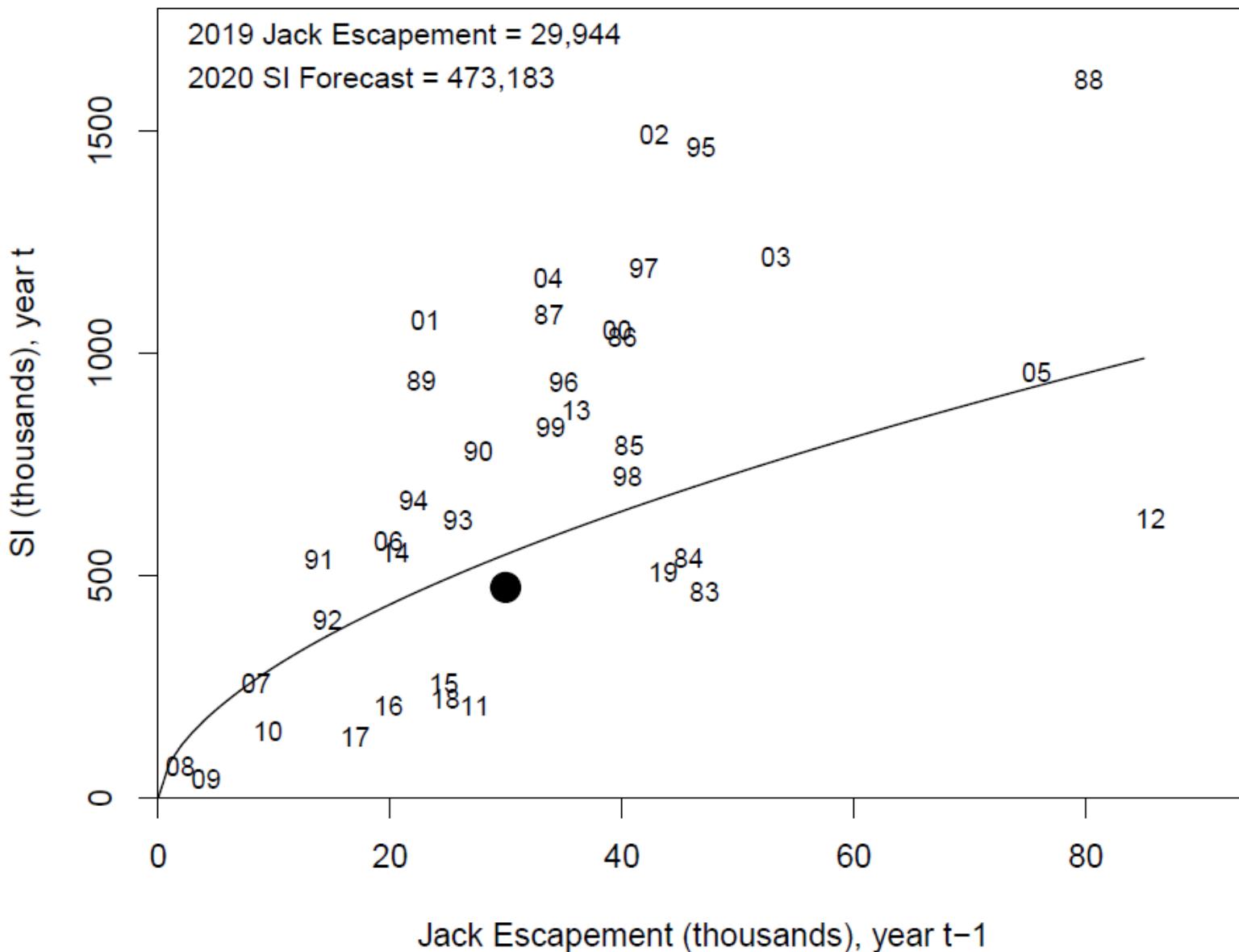


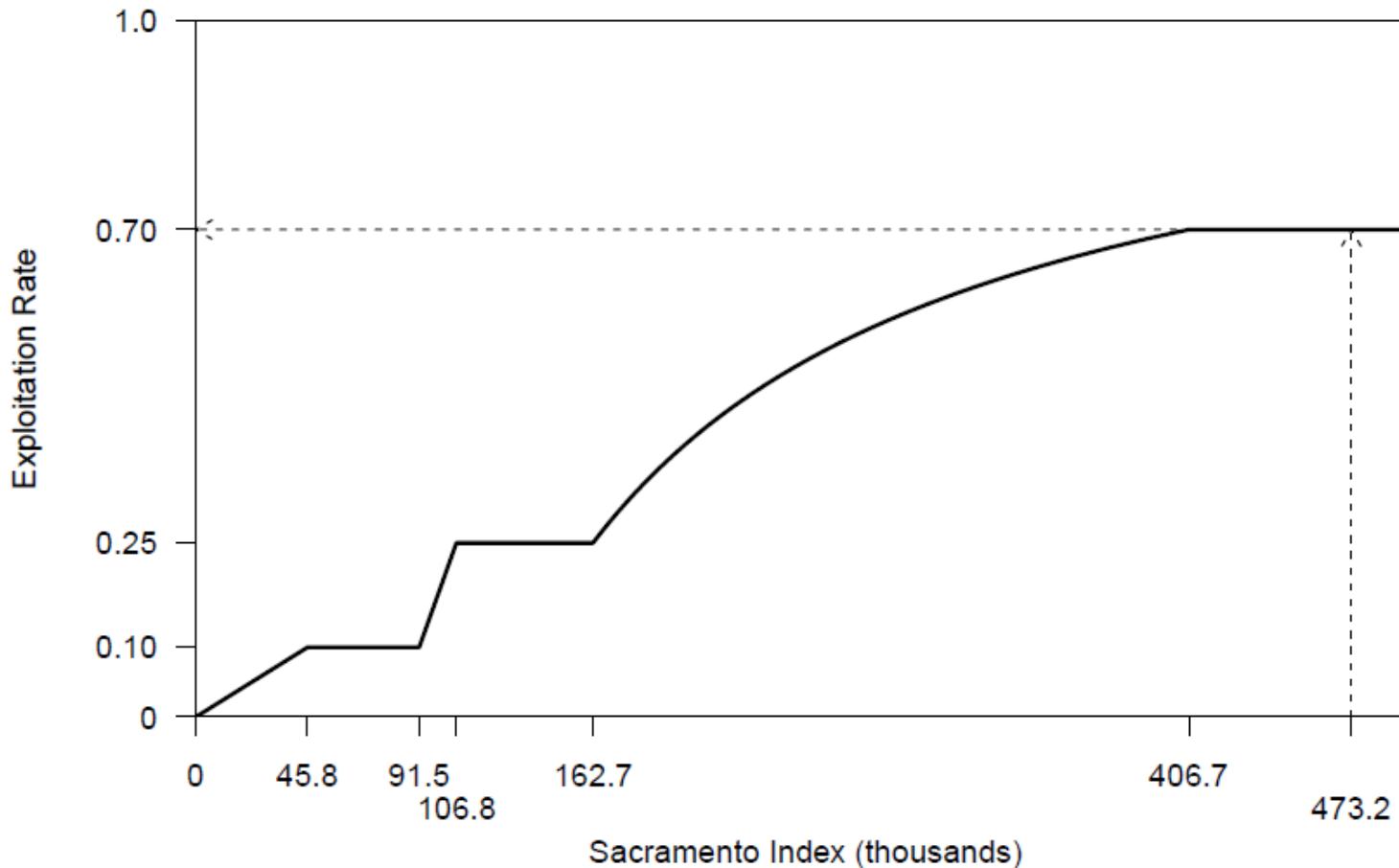
# 2019 Sacramento Index (SI) = 505,535



# 2020 SI forecast = 473,183

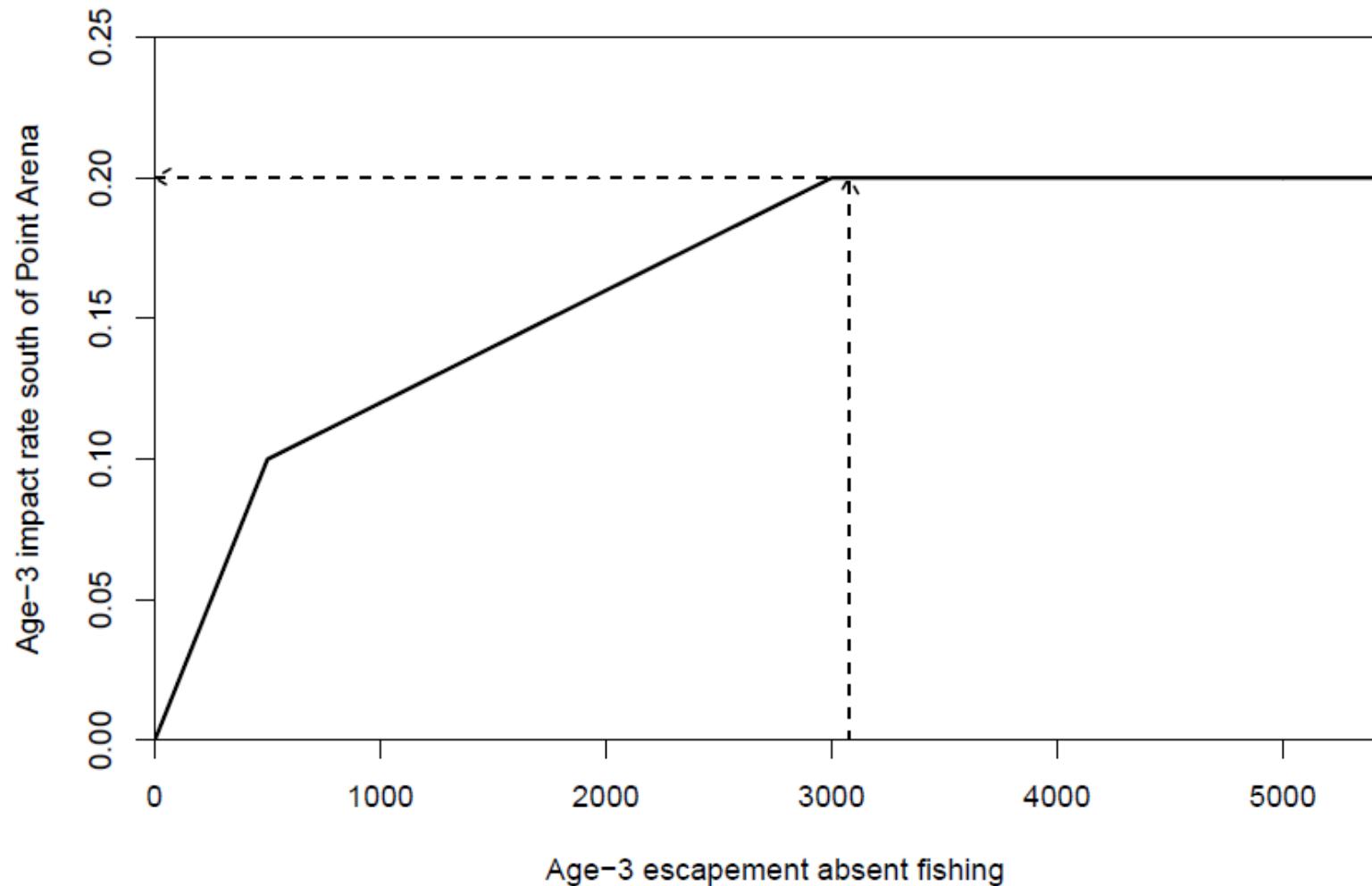


# 2020 SRFC management



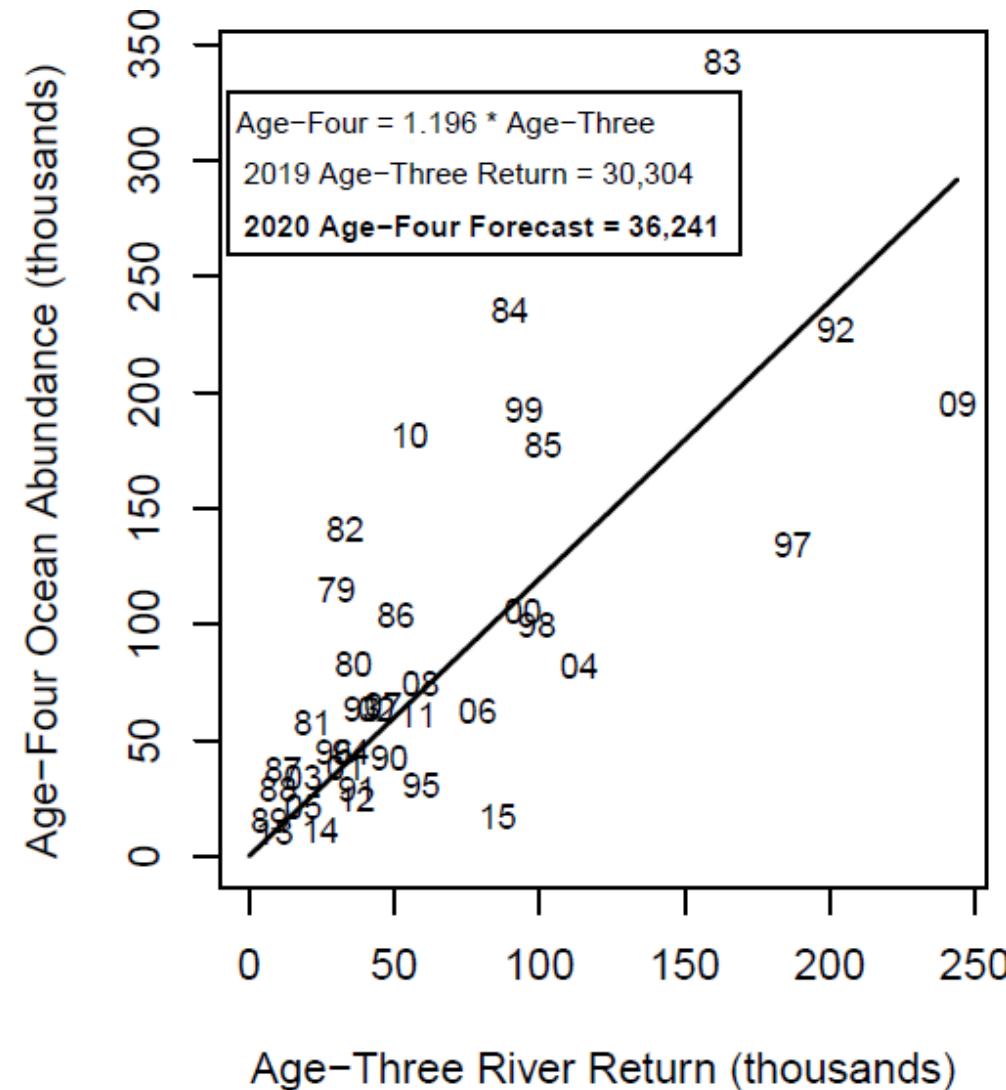
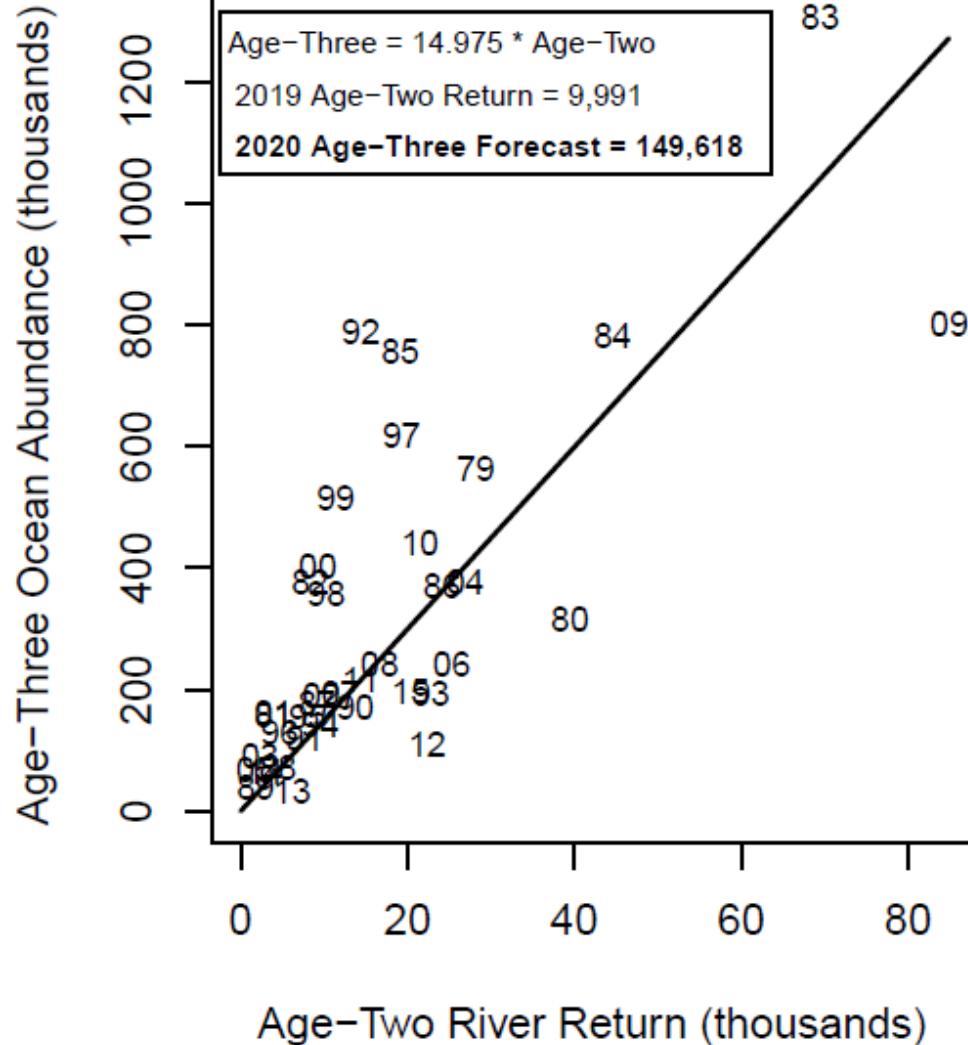
- 2020 forecast greater than 2019
- Must target an escapement of at least 141,955 (70% exploitation rate)
- 2019 regs: escapement prediction of 199,616
- Unlikely to constrain 2020 fisheries

# 2020 winter Chinook management



- Abundance forecast: 3077 (larger than 2019)
- Maximum allowable age-3 impact rate: 20%
- 2019 regs: preliminary impact rate of 15.5%
- Likely to constrain 2020 fisheries south of Point Arena

# 2020 Klamath abundance forecast

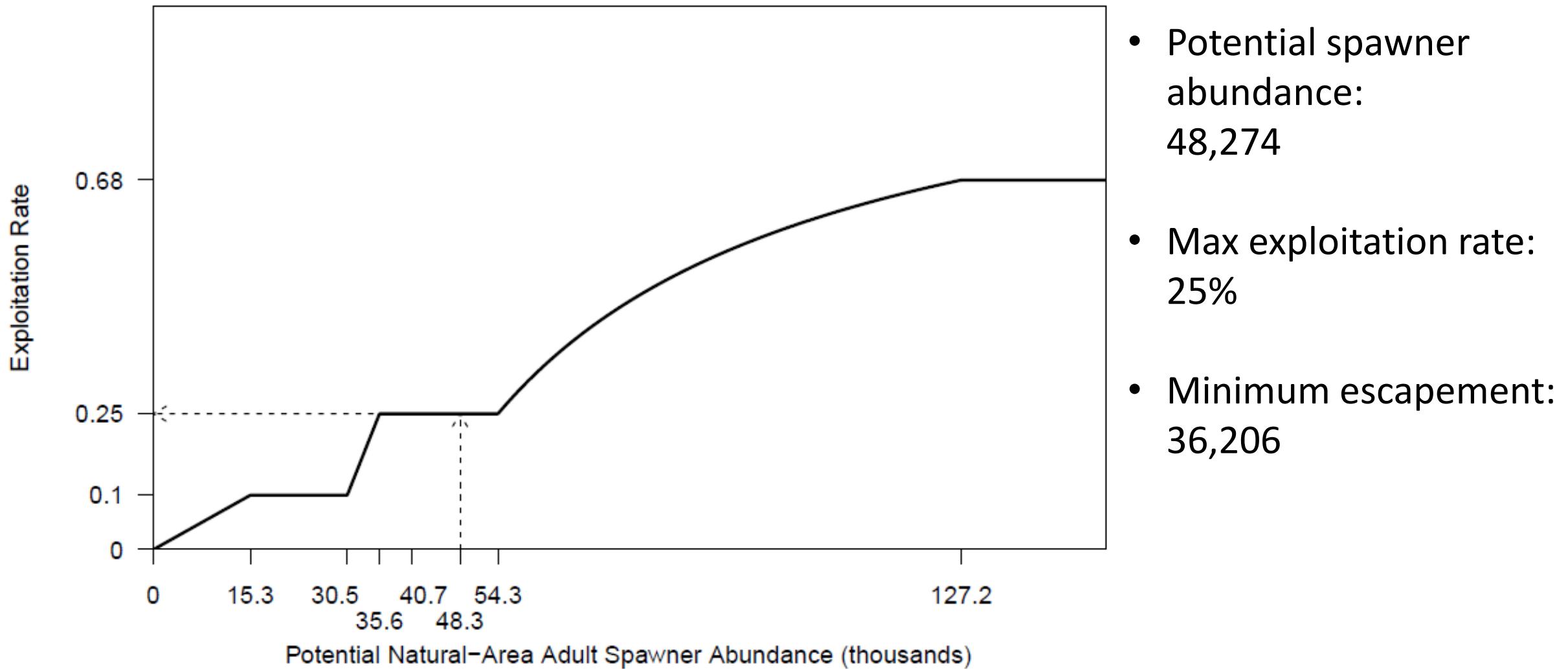


Age-3:  
149,618

Age-4:  
36,241

Age-5:  
739

# 2020 Klamath fall Chinook management



## 2020 KRFC management, contd.

- 2019 regs applied to 2020 abundance
  - Tribal allocation: 50% of total harvest
  - River recreational allocation: 23.6% of non-tribal harvest
  - Natural-area adult spawner prediction: 24,178
  - Exploitation rate: 49.9%
  - Will constrain 2020 fisheries

# 2020 California coastal Chinook

- Max allowable KRFC age-4 ocean harvest rate of 16%
- 2019 fisheries: preliminary prediction of 16.5%
- Unlikely to constrain 2020 fisheries