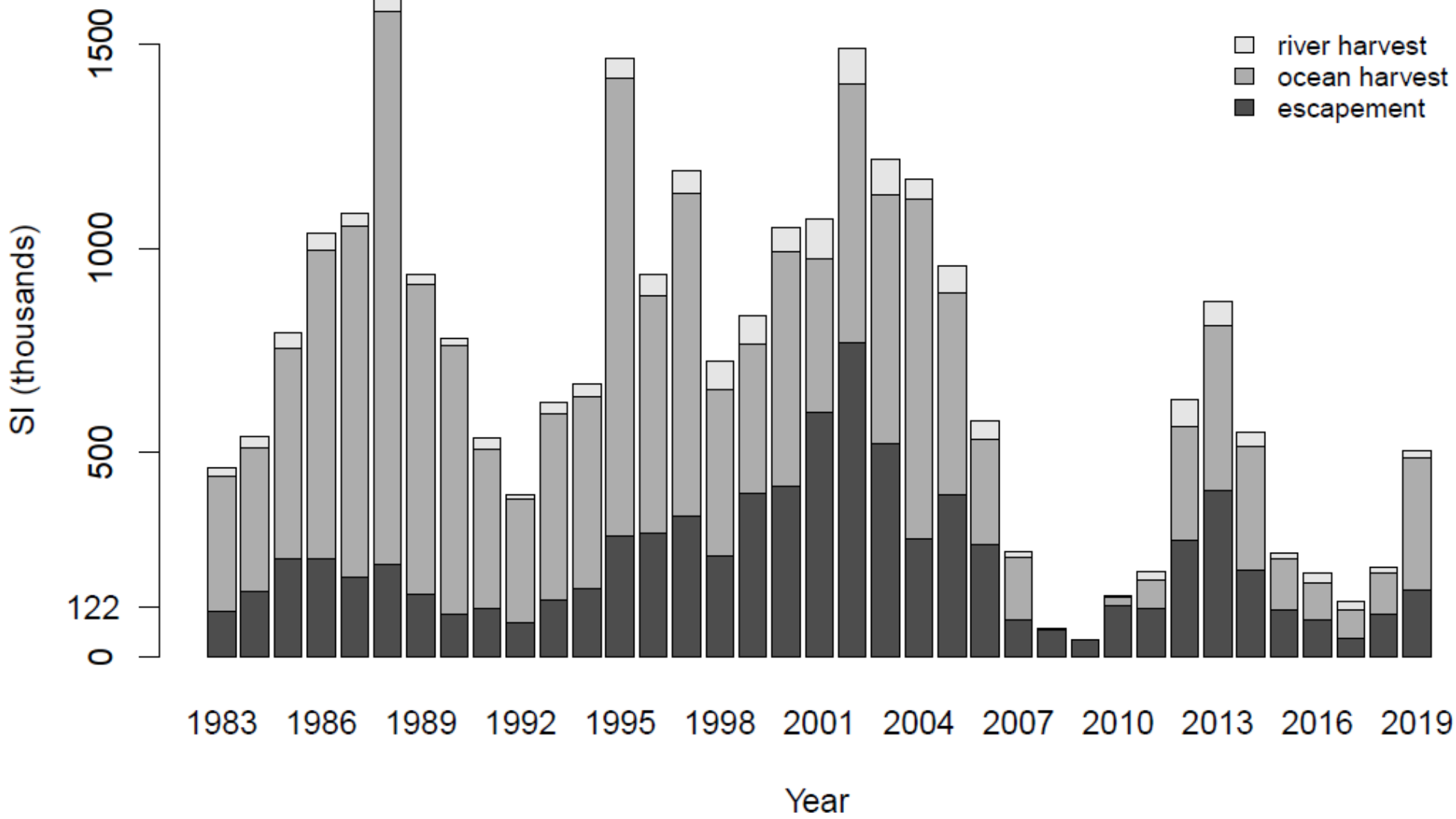
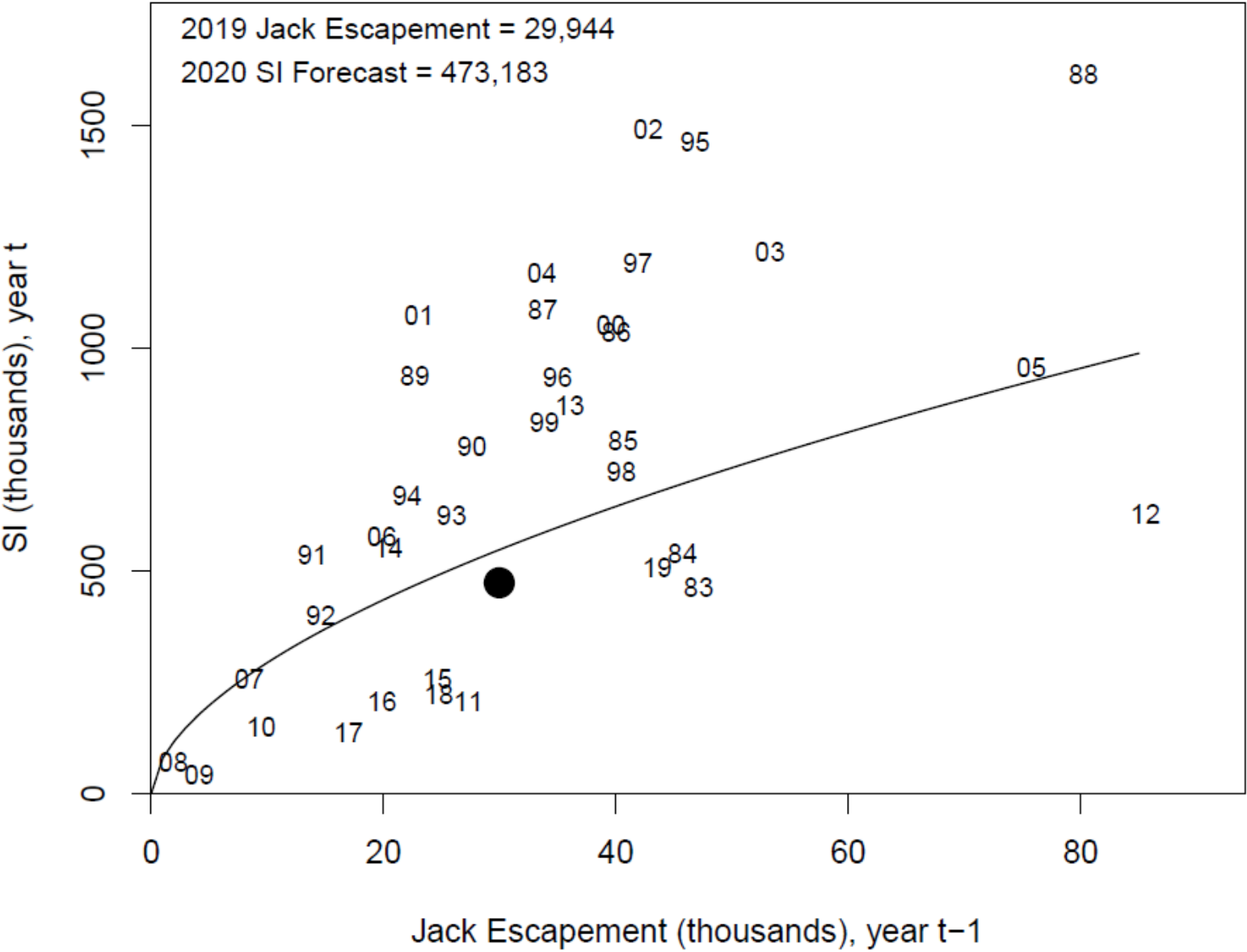


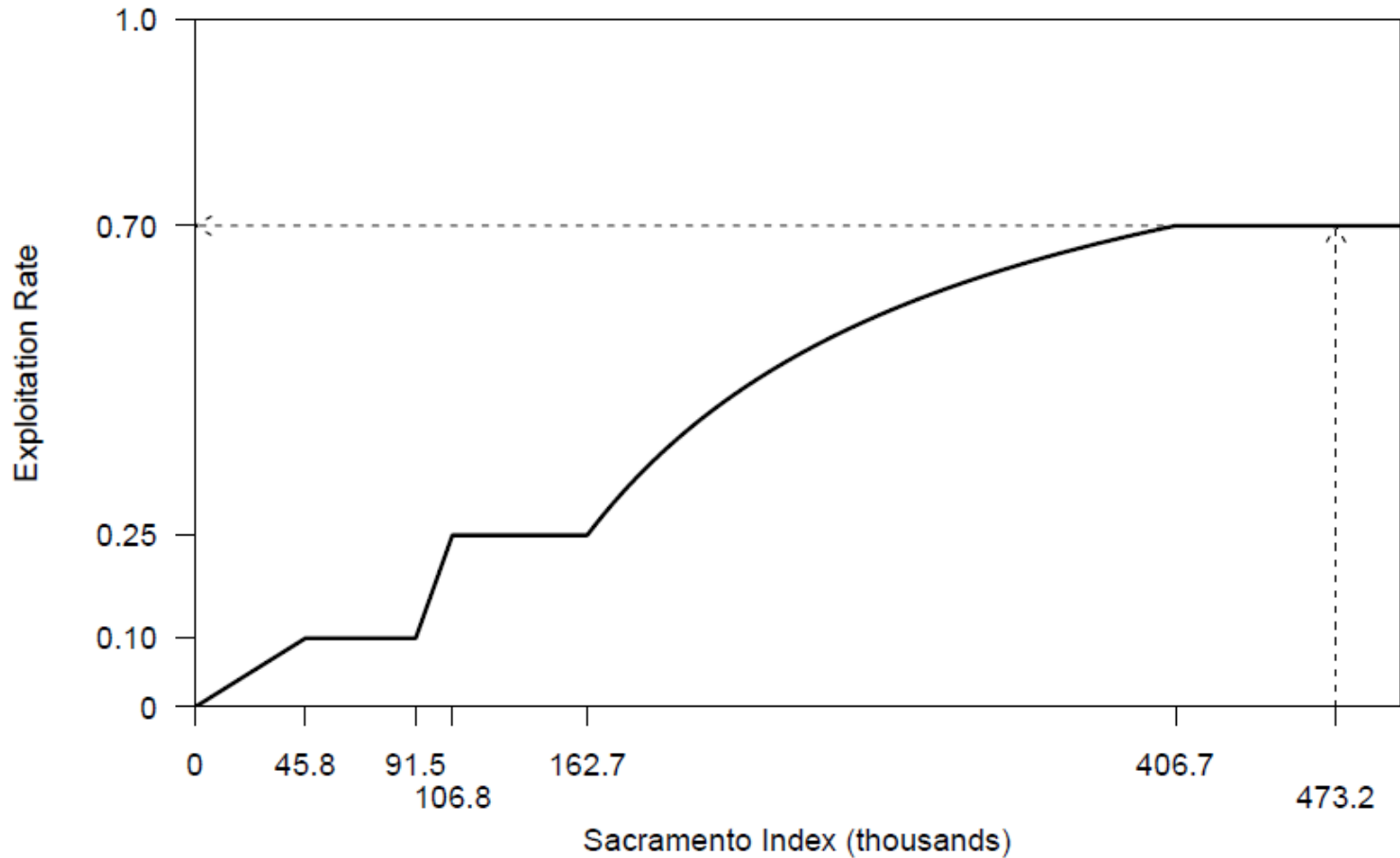
2019 Sacramento Index (SI) = 505,535



2020 SI forecast = 473,183

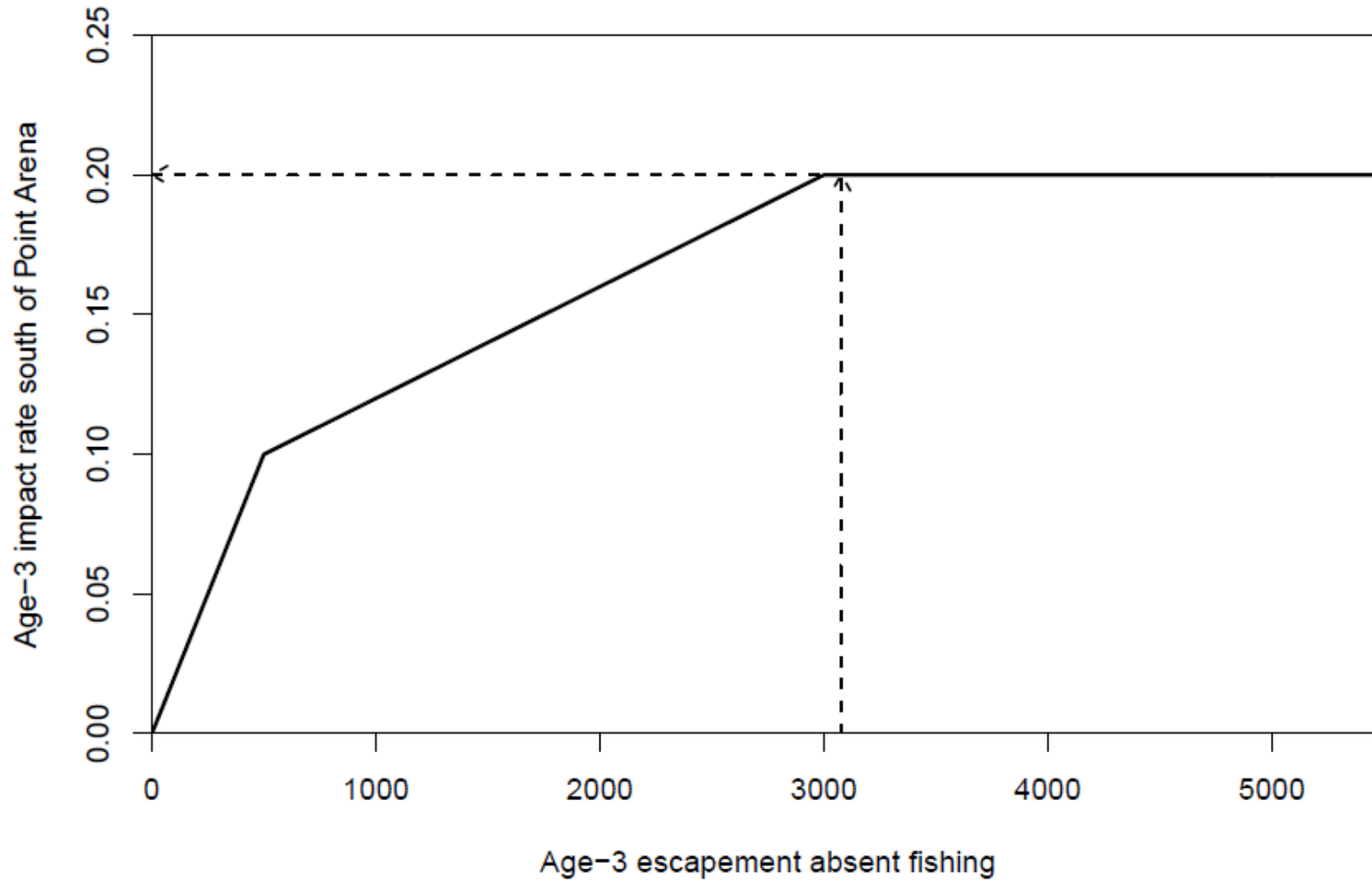


2020 SRFC management



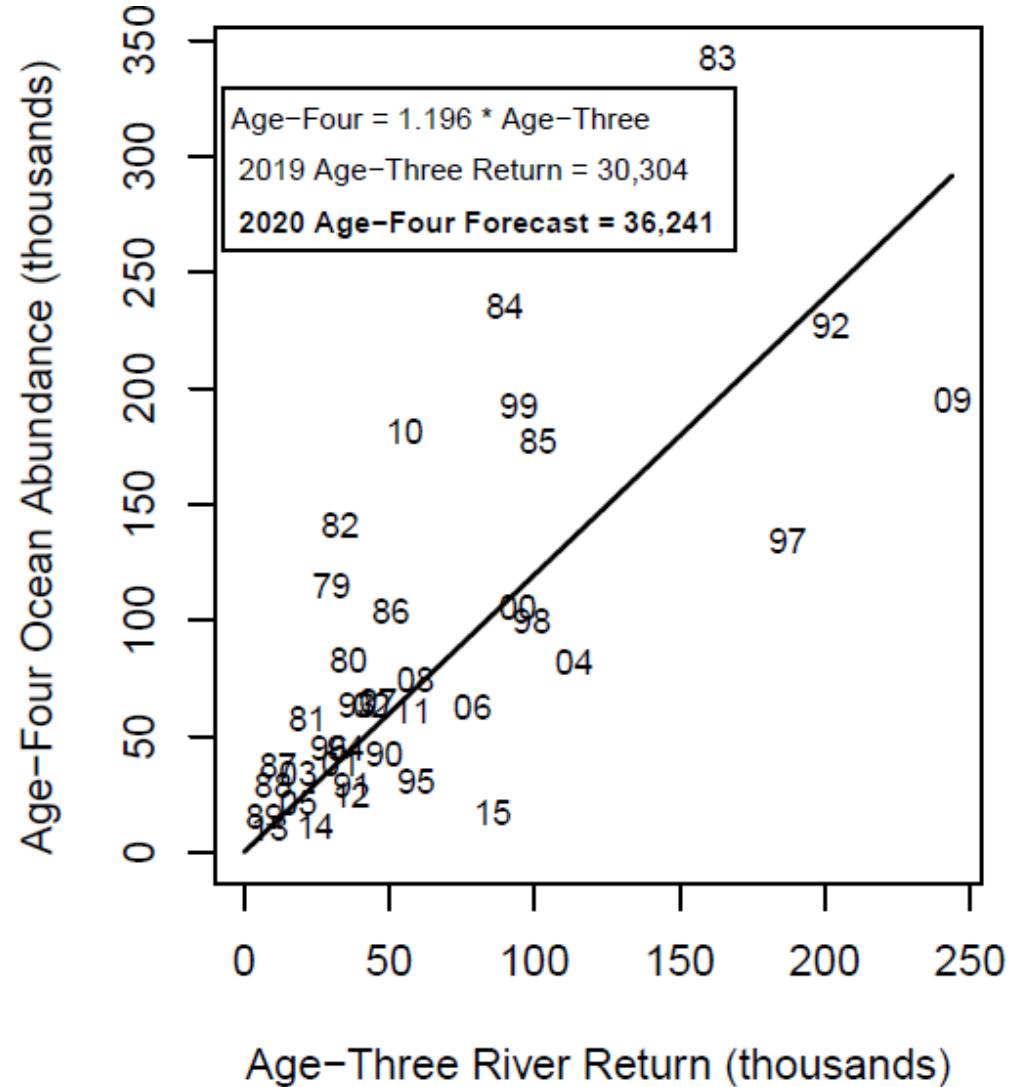
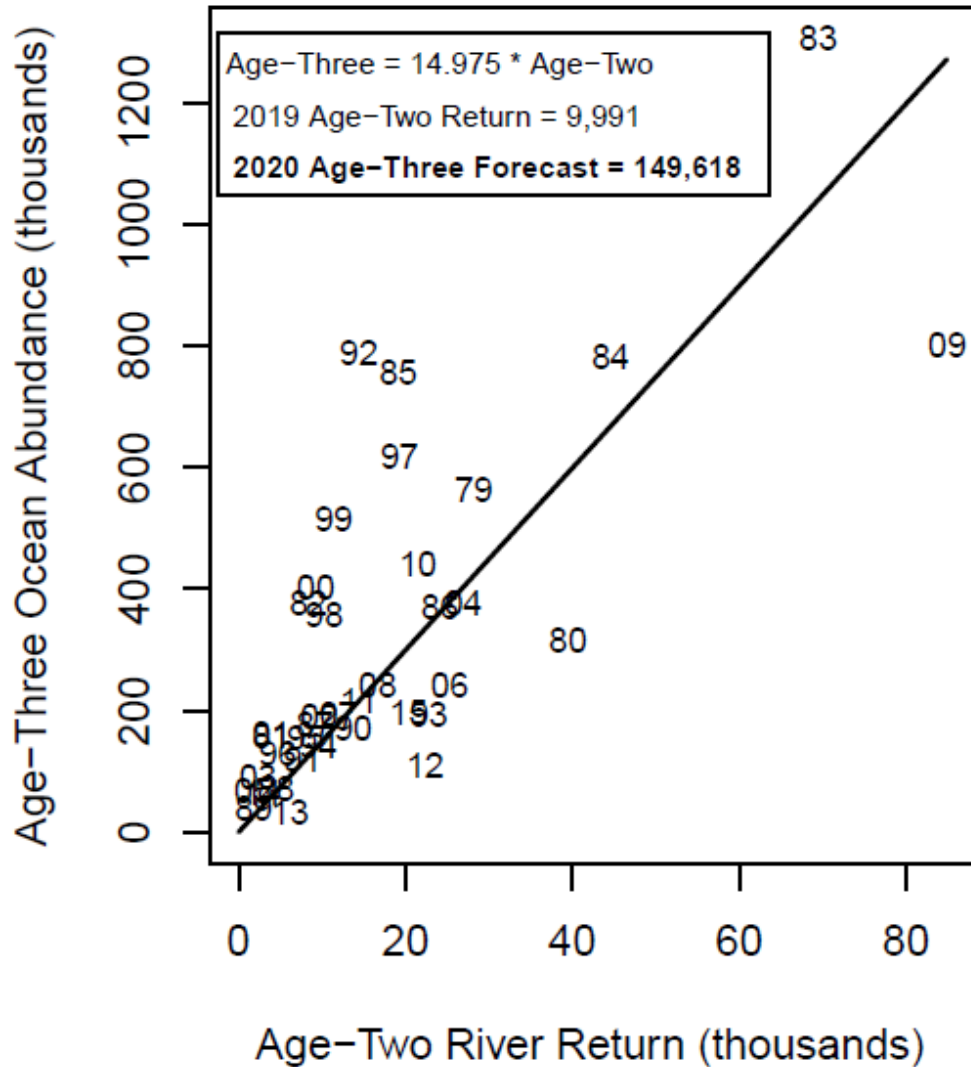
- 2020 forecast greater than 2019
- Must target an escapement of at least 141,955 (70% exploitation rate)
- 2019 regs: escapement prediction of 199,616
- Unlikely to constrain 2020 fisheries

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

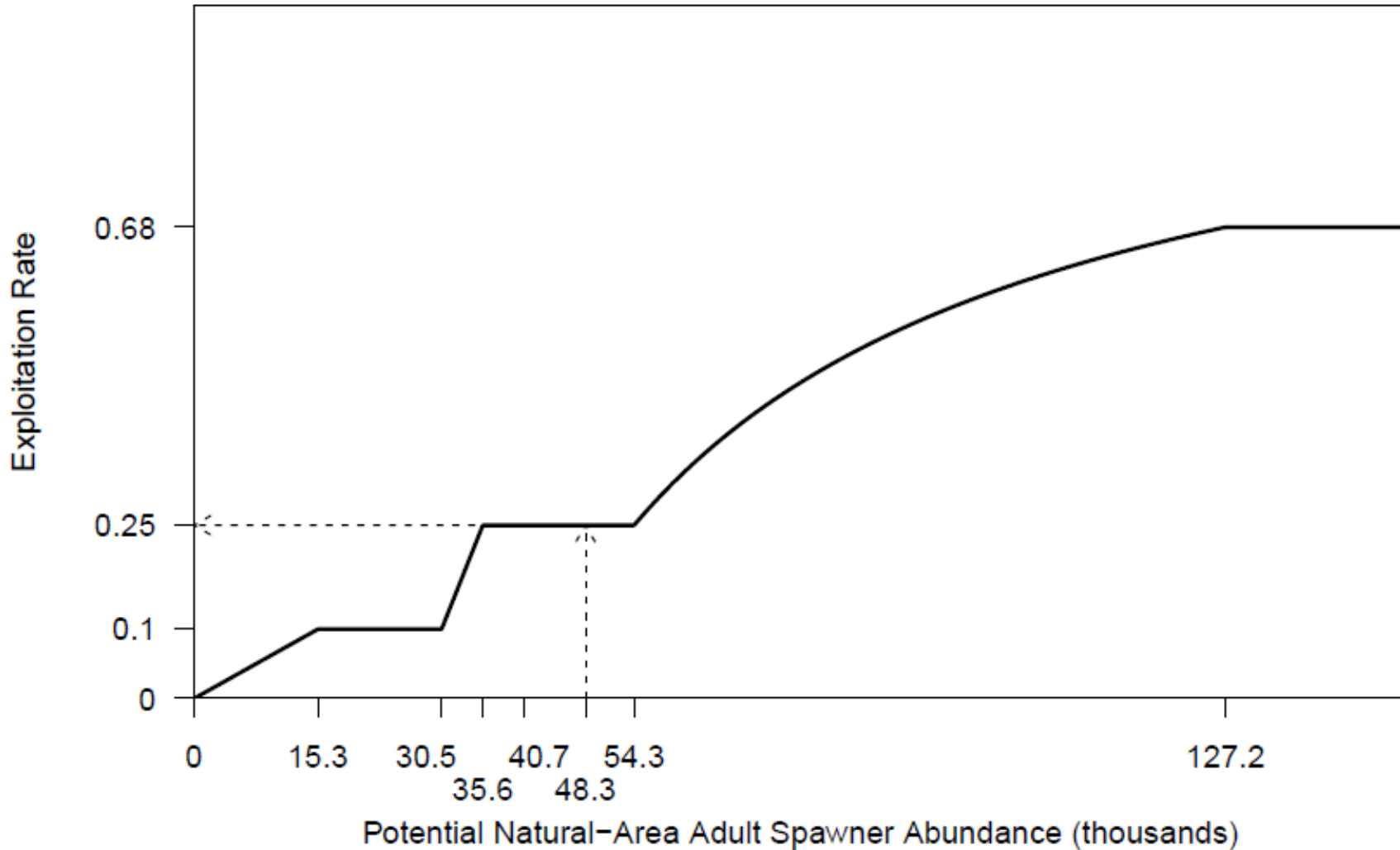


Age-3:
149,618

Age-4:
36,241

Age-5:
739

2020 Klamath fall Chinook management



- Potential spawner abundance: 48,274
- Max exploitation rate: 25%
- Minimum escapement: 36,206

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