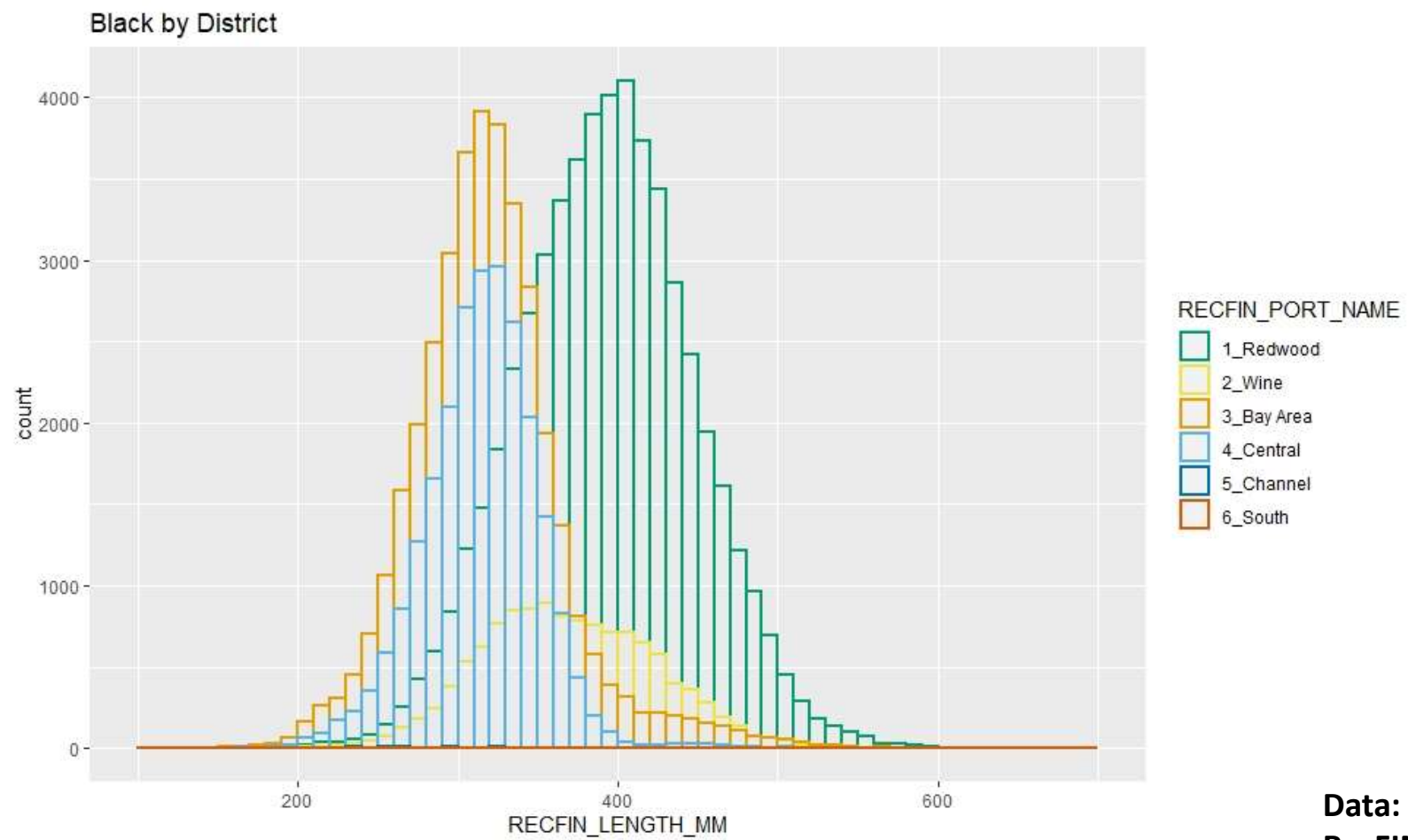


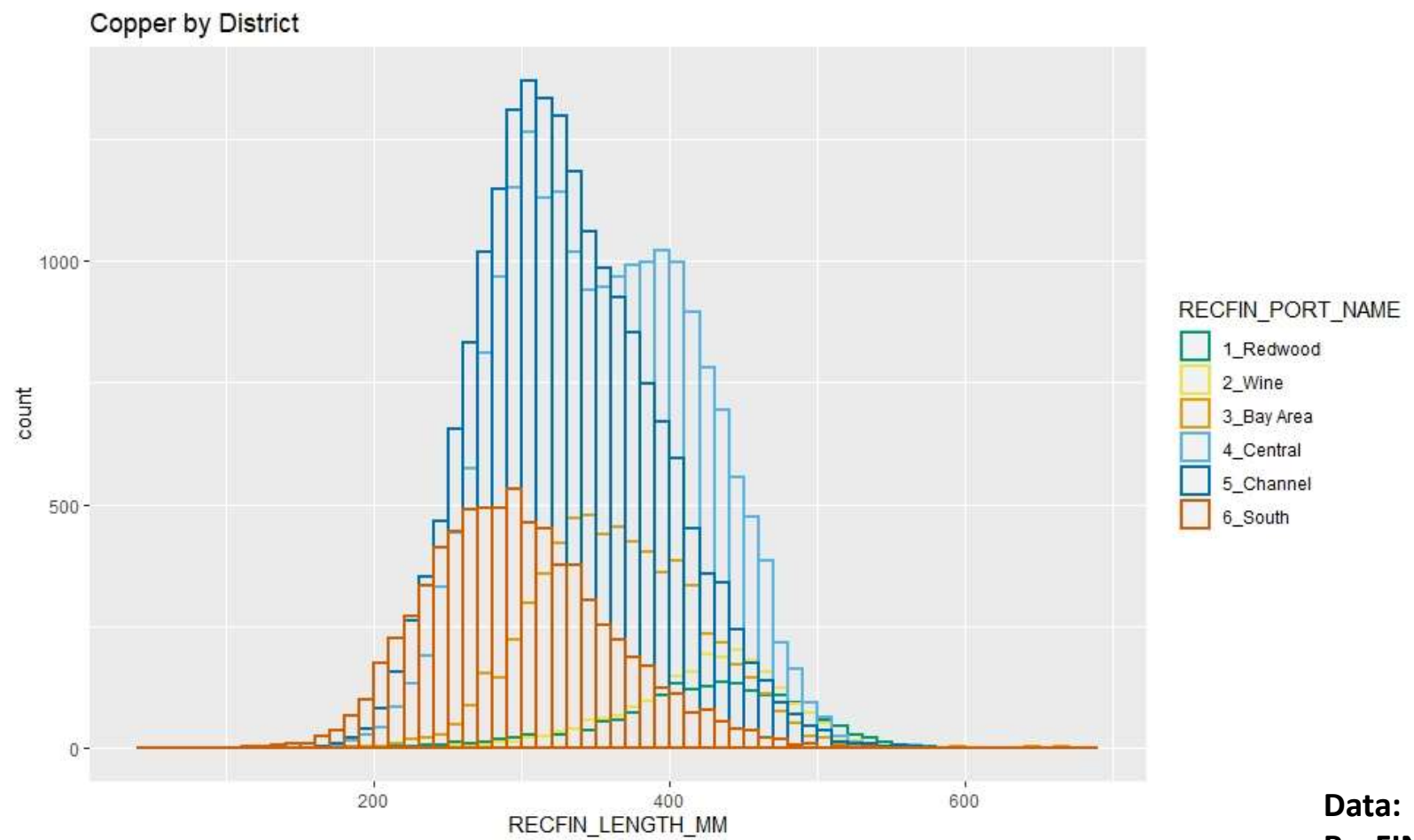
Copper & black rockfish length comp patterns for discussion

Julia Coates

12/21/22

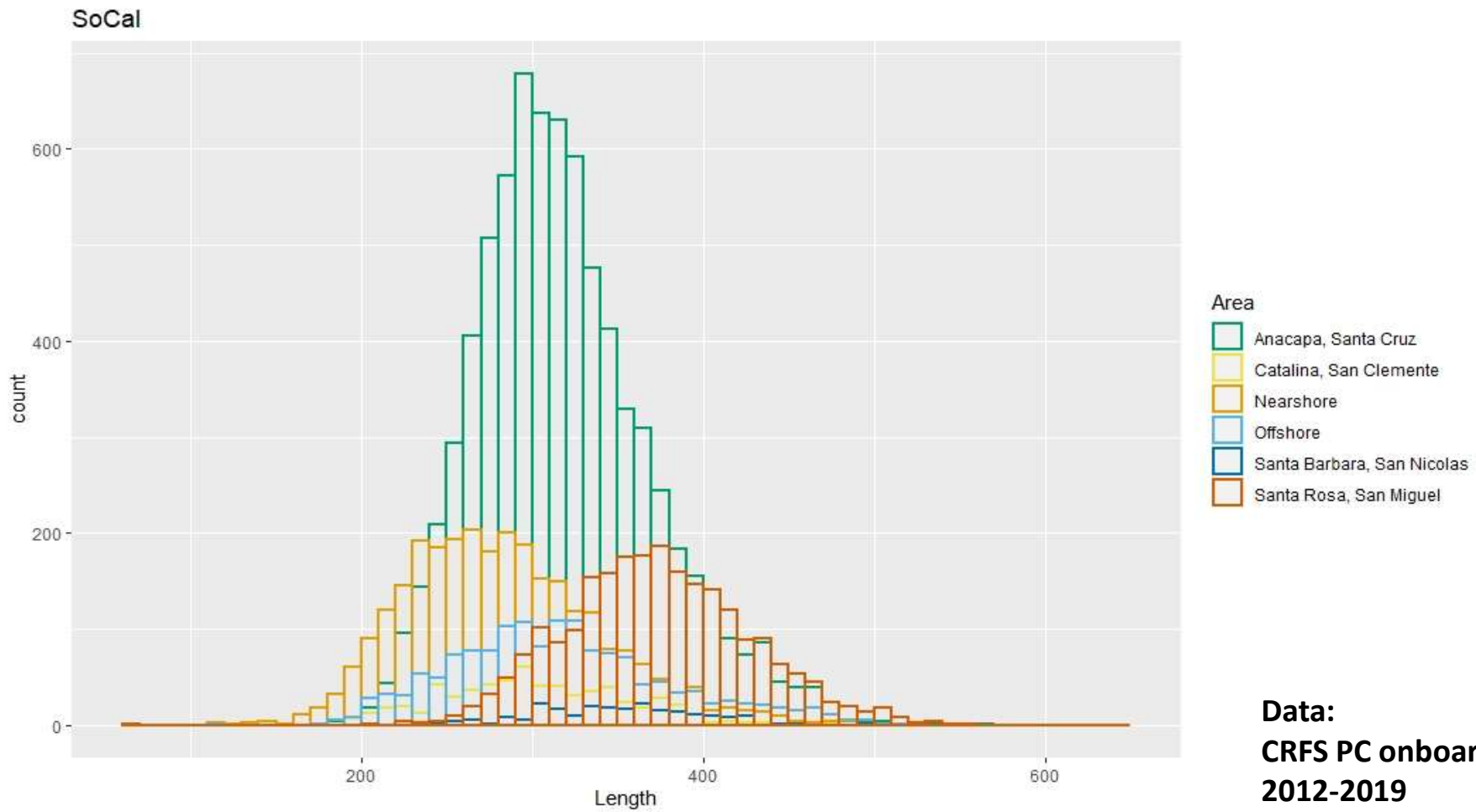


Data:
RecFIN all modes
2004-2019



Data:
RecFIN all modes
2004-2019

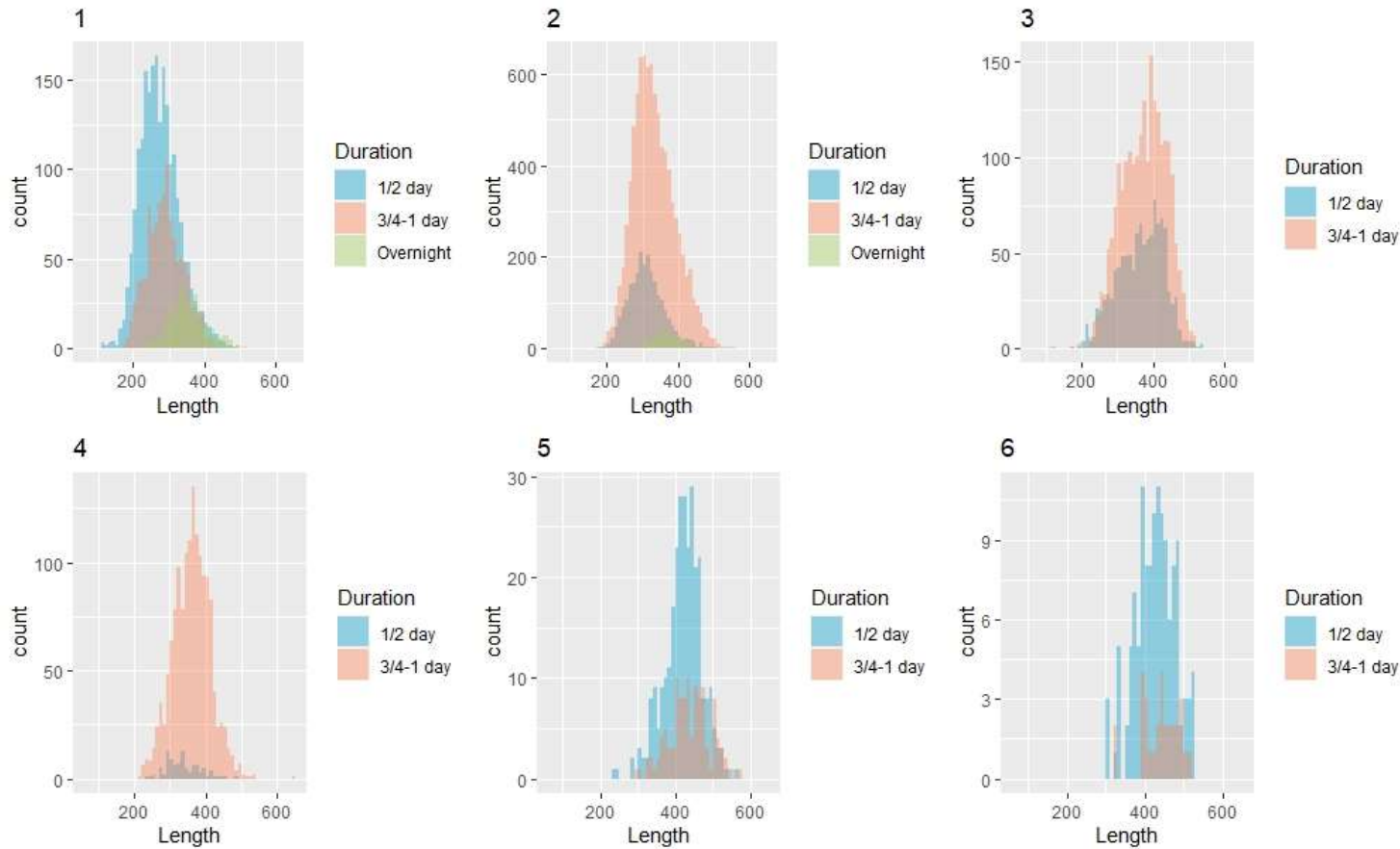
Copper by area



Data:
CRFS PC onboard + dockside
2012-2019

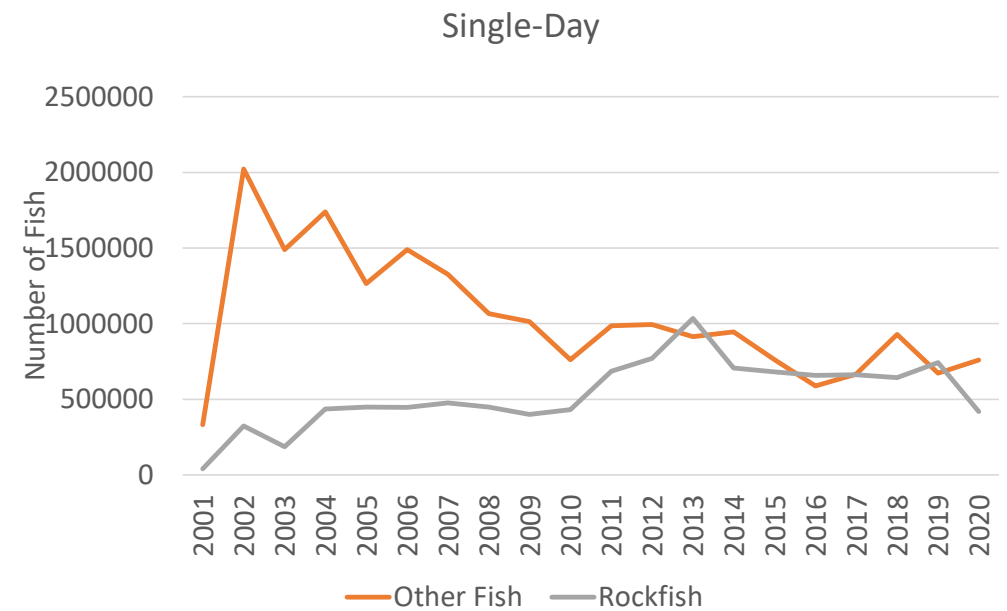
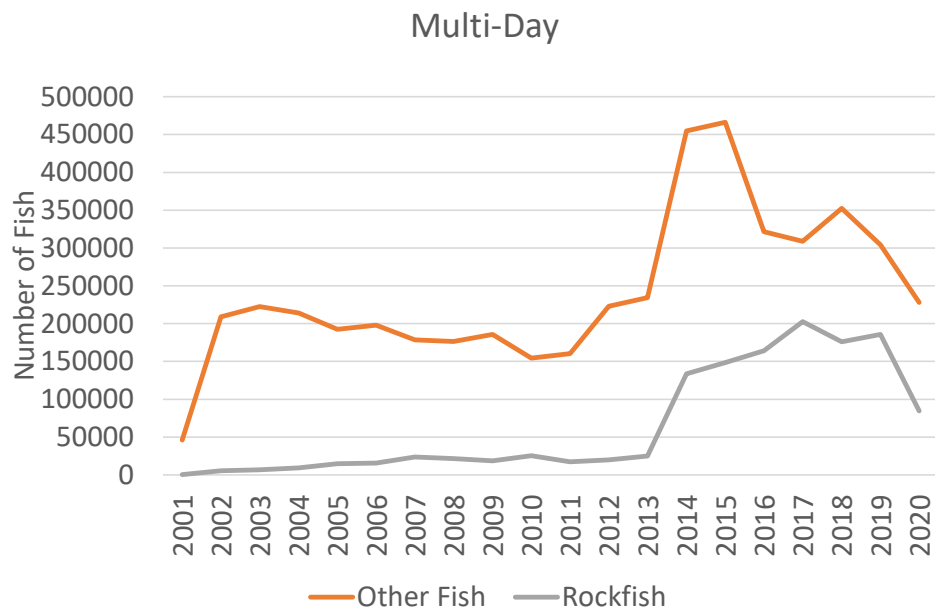
Copper by duration

1. San Diego, Orange, Los Angeles
2. Ventura, Santa Barbara
3. San Luis Obispo, Monterey, Santa Cruz
4. Bay Area, Sonoma
5. Mendocino
6. Humboldt, Del Norte



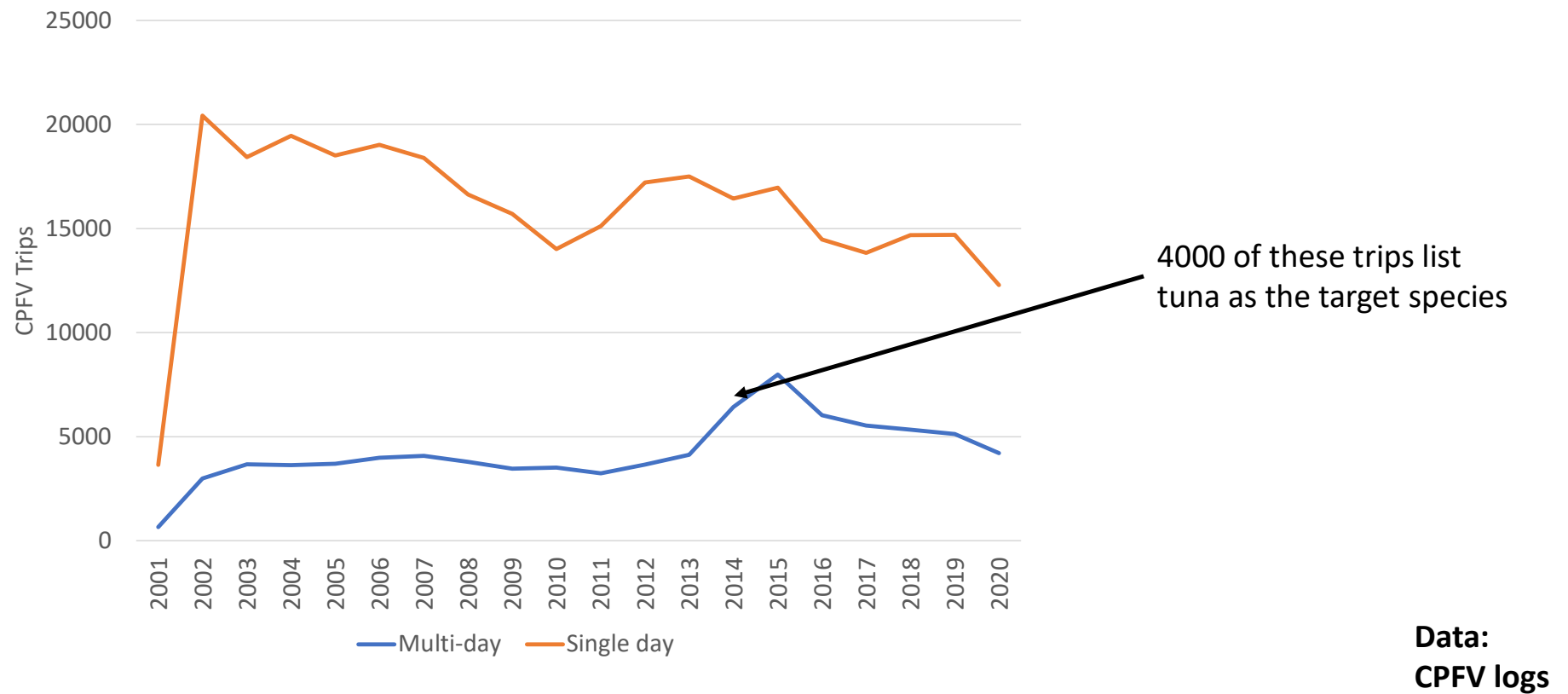
Data:
CRFS PC onboard + dockside
2012-2019

SoCal CPFV multi vs single-day trip retained fish

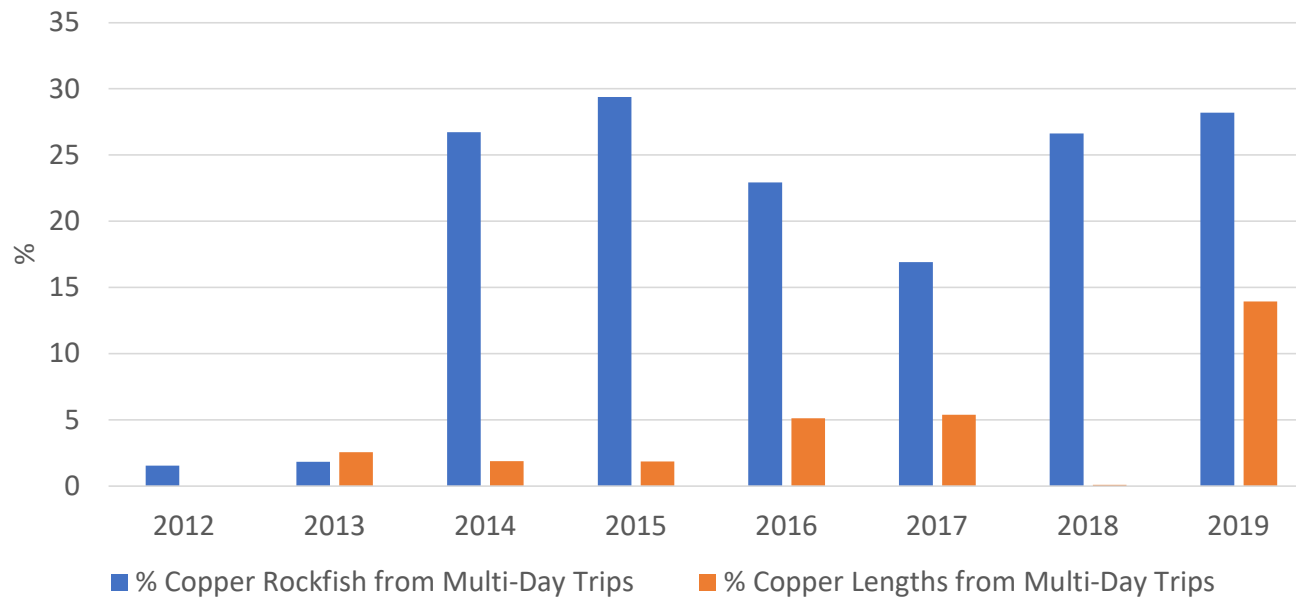


Data:
CPFV logs

CPFV trip counts



Copper catch vs sampling on multi-day trips



Data: CPFV logs

CRFS PC onboard + dockside

- Some multi-day trips in southern districts may fish in Mexican waters
- CRFS doesn't sample trips in Mexican waters - shouldn't find in PC sample data.
- Logs do include Mexican fish (blocks ≥ 900).
- Since 2014, less than 1% of copper rockfish on multi-day trip logs are associated with blocks ≥ 900 .