

SBC Chinook Catch and Release Summary

2011-2021

Data Sources

- 2010-2021 effort, catch and released numbers are based on DFO provided data
- 2022 versus 5-yr recent average are based on the South Coast Assessment Creel Survey Summary Report from September 2022

Notes

- sub-legal = smaller than the legal size limit
- encounters = total number of kept, released-legal, and released sub-legal chinook

EFFORT DATA INCLUDING 2022

- data from DFO
- 2002-2022 by month by year by PFMA by management (ISBM versus AABM)
- effort is total boat trips
- unclear whether this is Chinook directed or total recreational effort (including other species etc.)

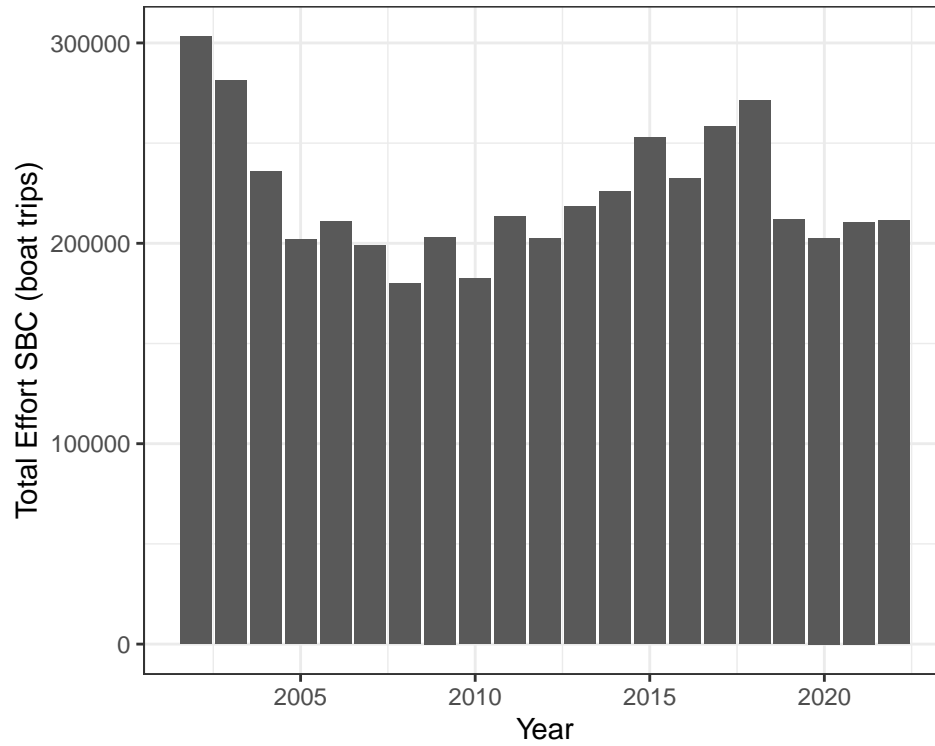


Figure 1: Total effort in number of boat trips for all SBC areas.

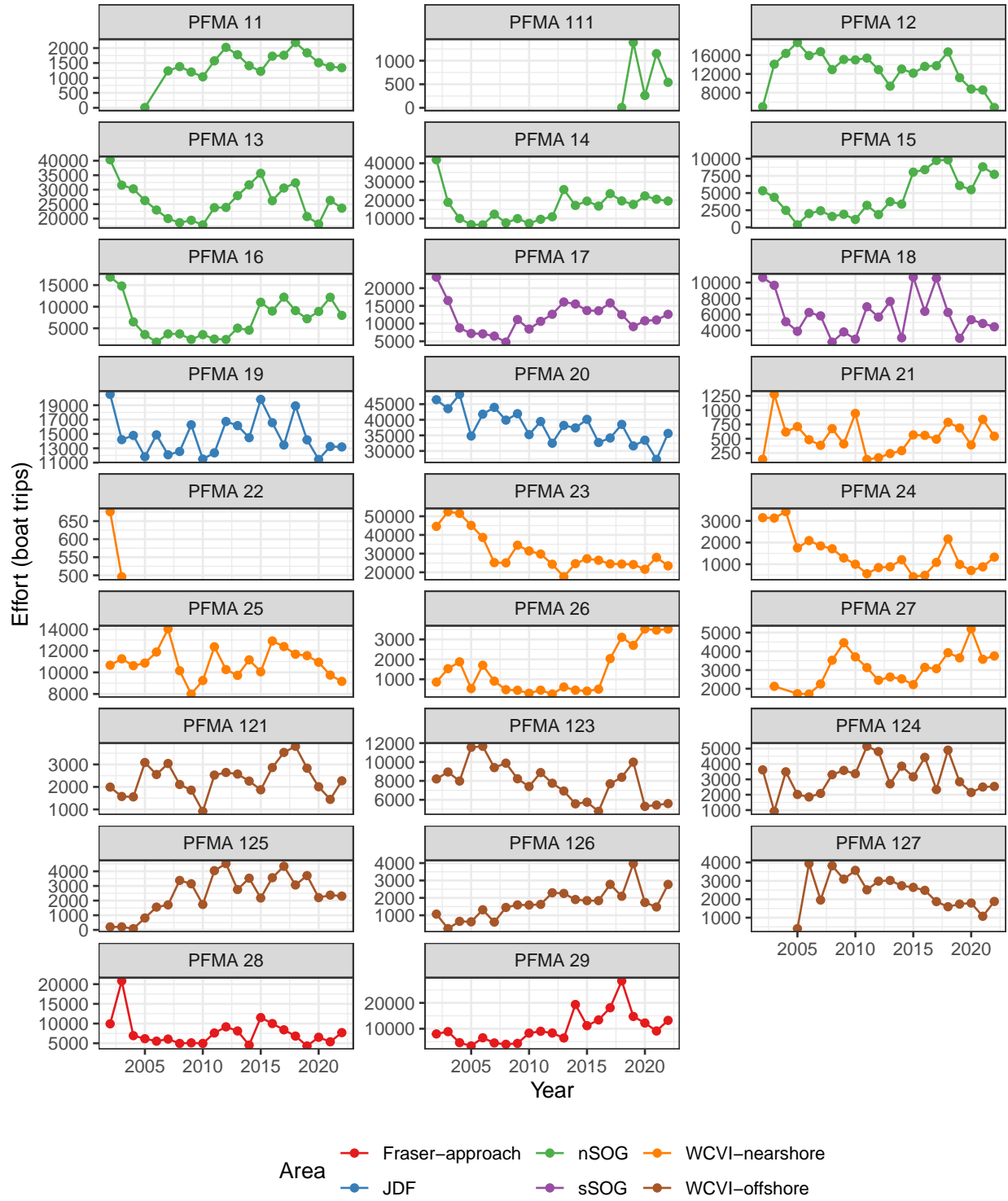


Figure 2: Total effort in number of boat trips by area for all SBC areas.

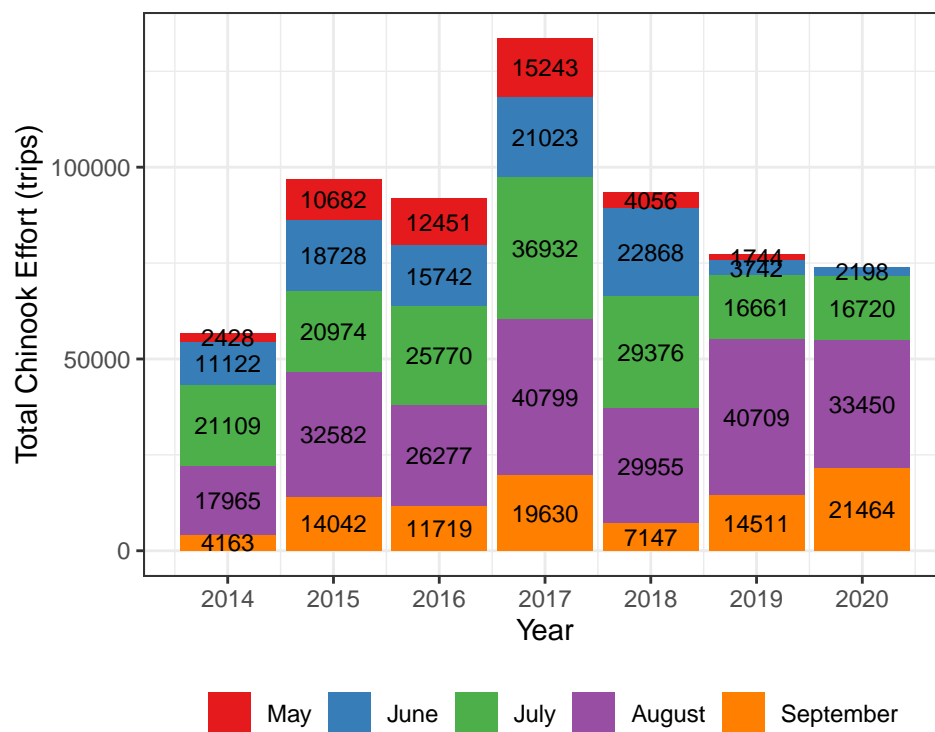
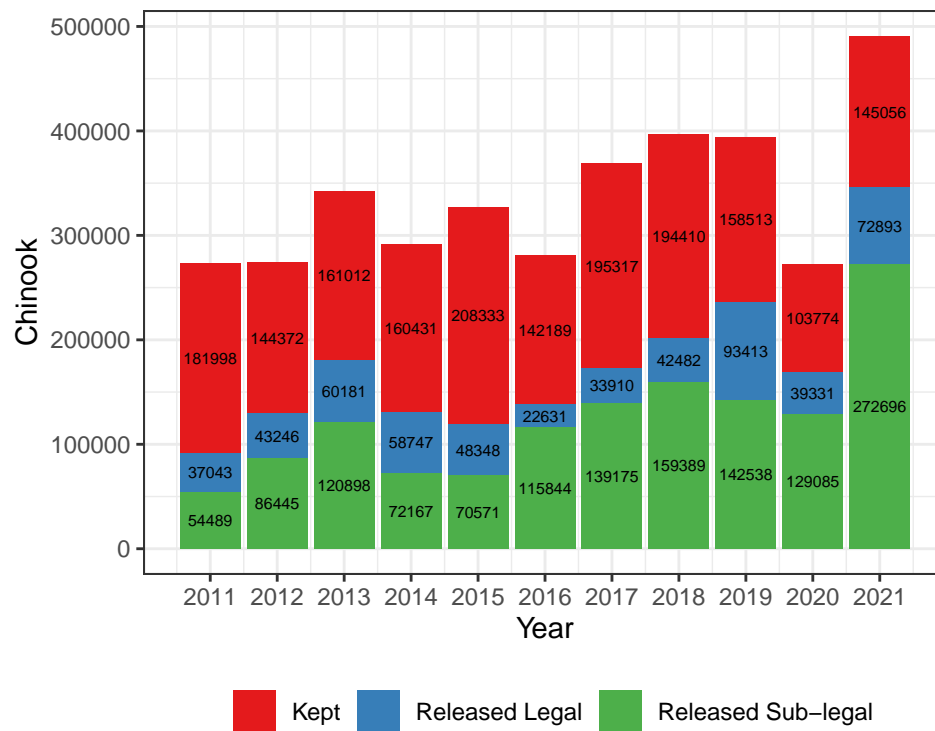


Figure 3: Top: Total encounters (column height) by disposition (kept, released and released sub-legal) Chinook for all SBC areas. Bottom: Total Chinook directed effort by year and month for all SBC areas.

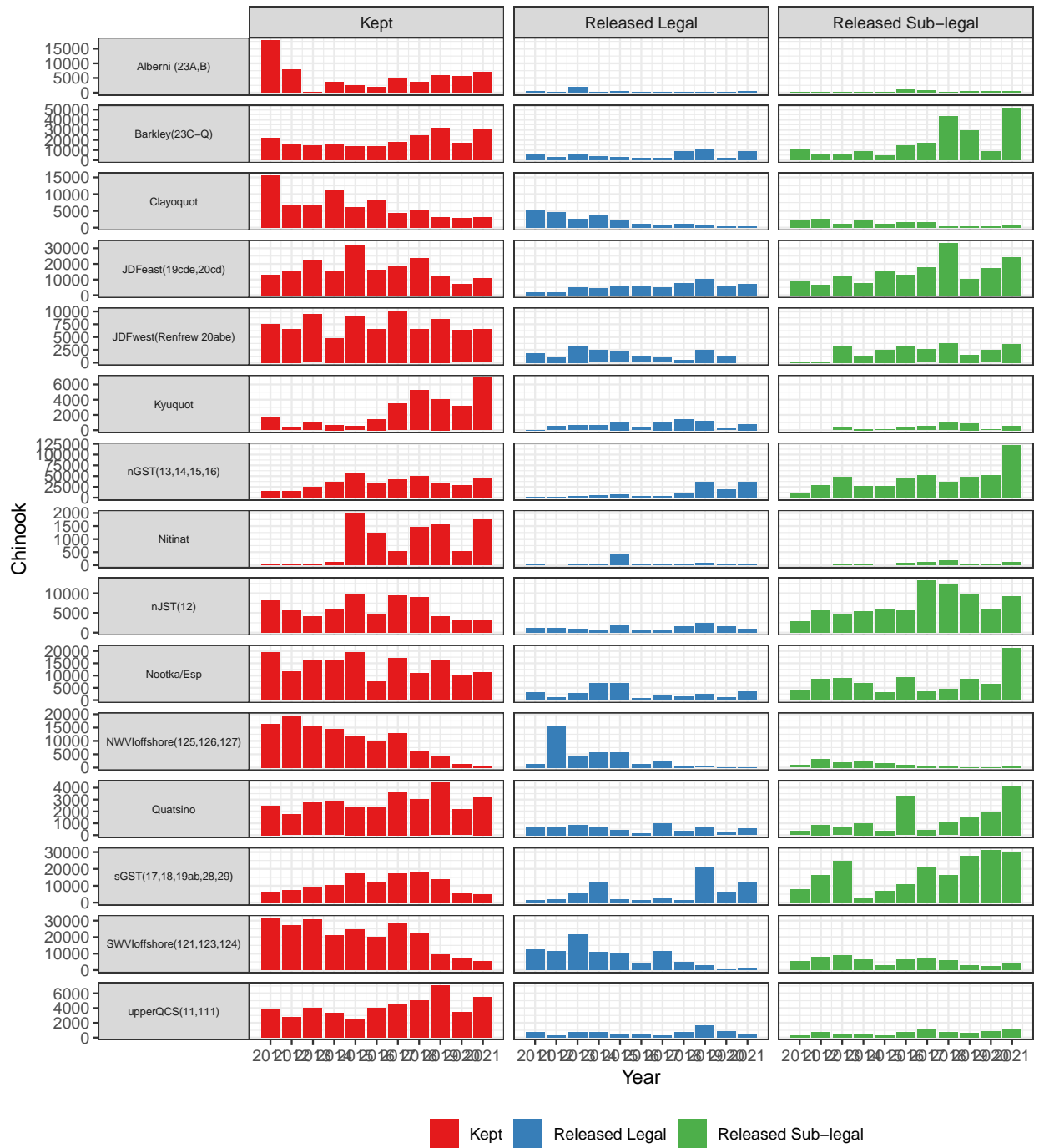


Figure 4: Kept, released and released sub-legal Chinook by area.

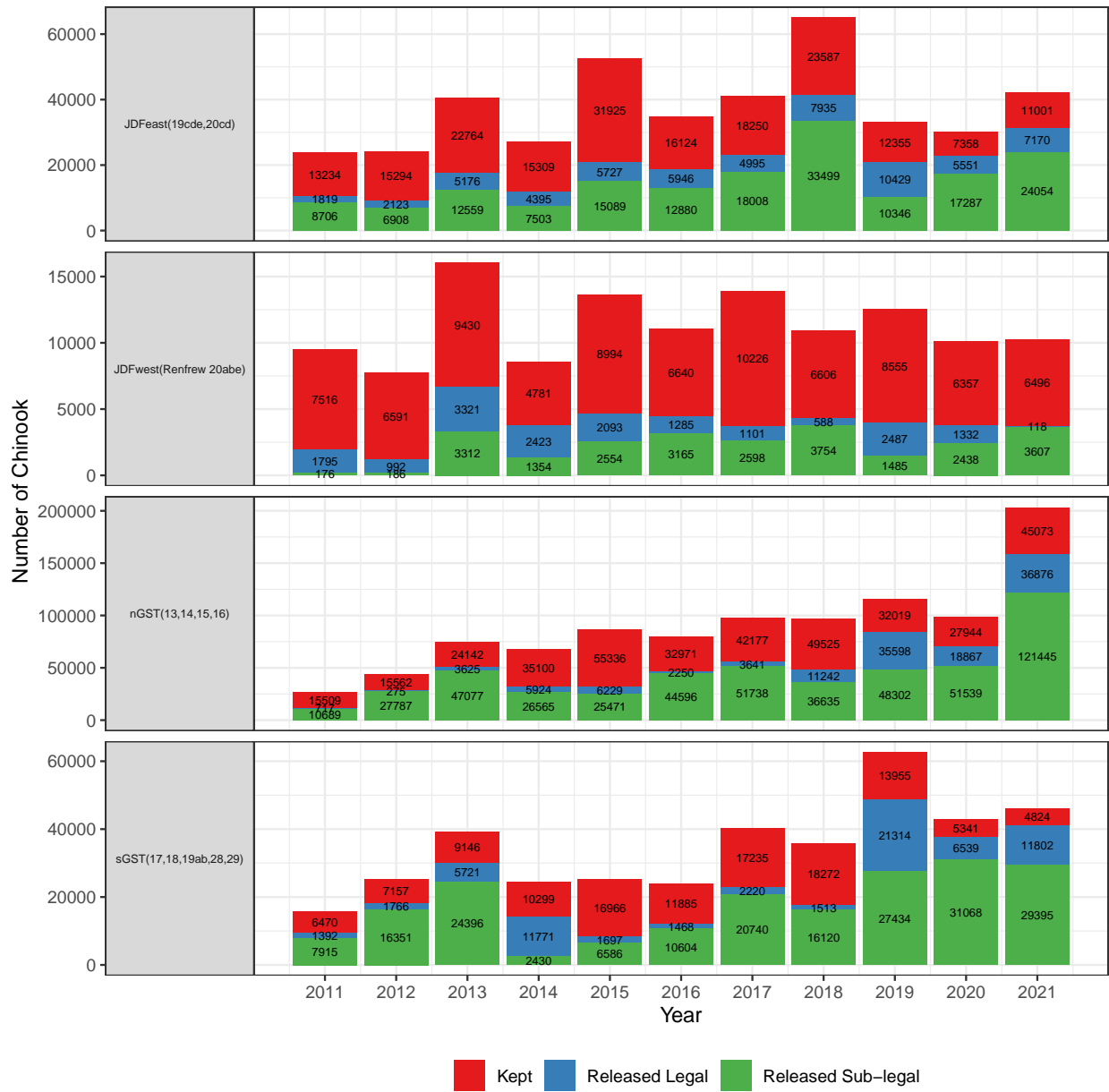


Figure 5: Kept, released and released sub-legal Chinook by area for proposed MSF areas in SOG and JDF.

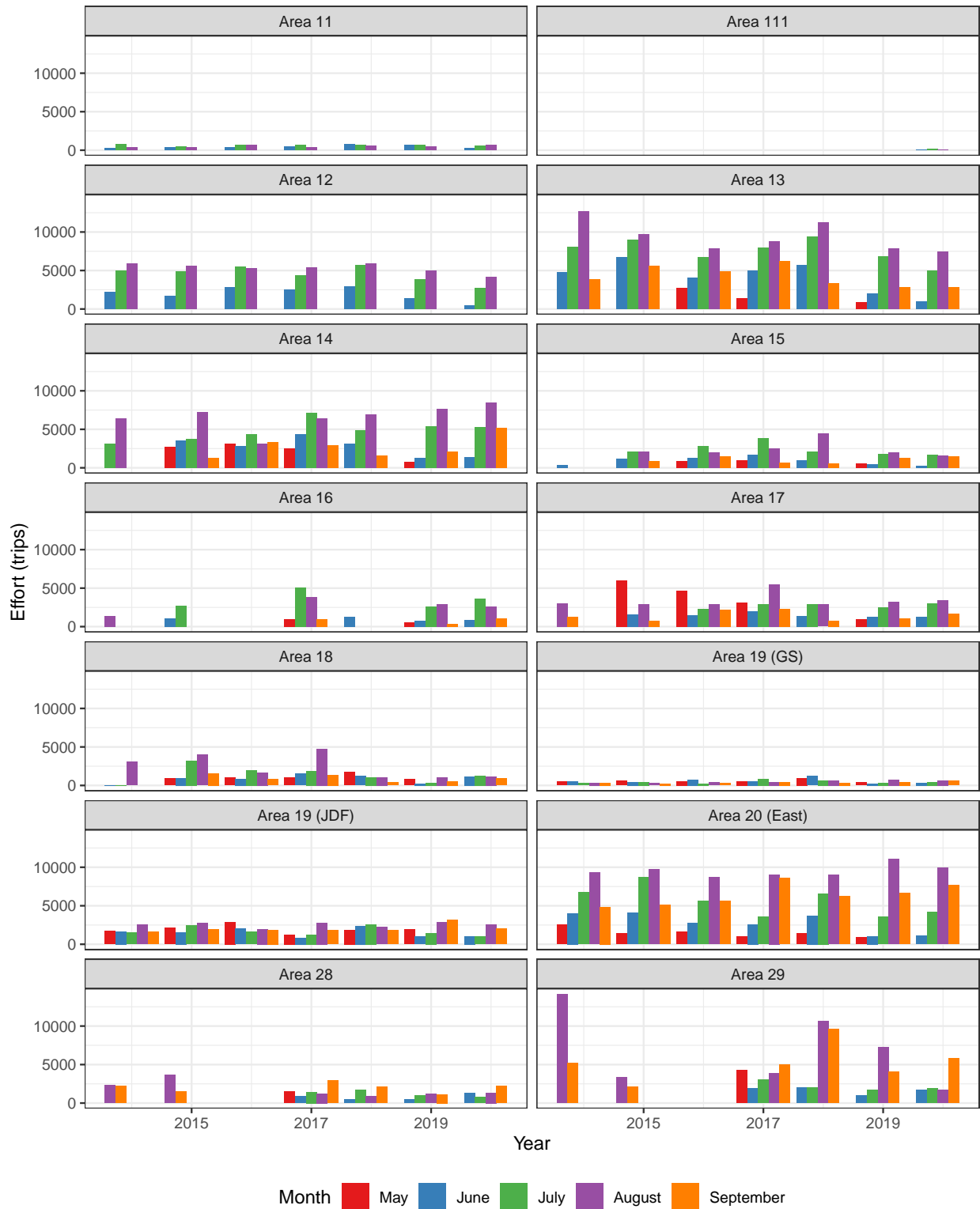


Figure 6: Chinook directed effort by area and month (2014-2020)

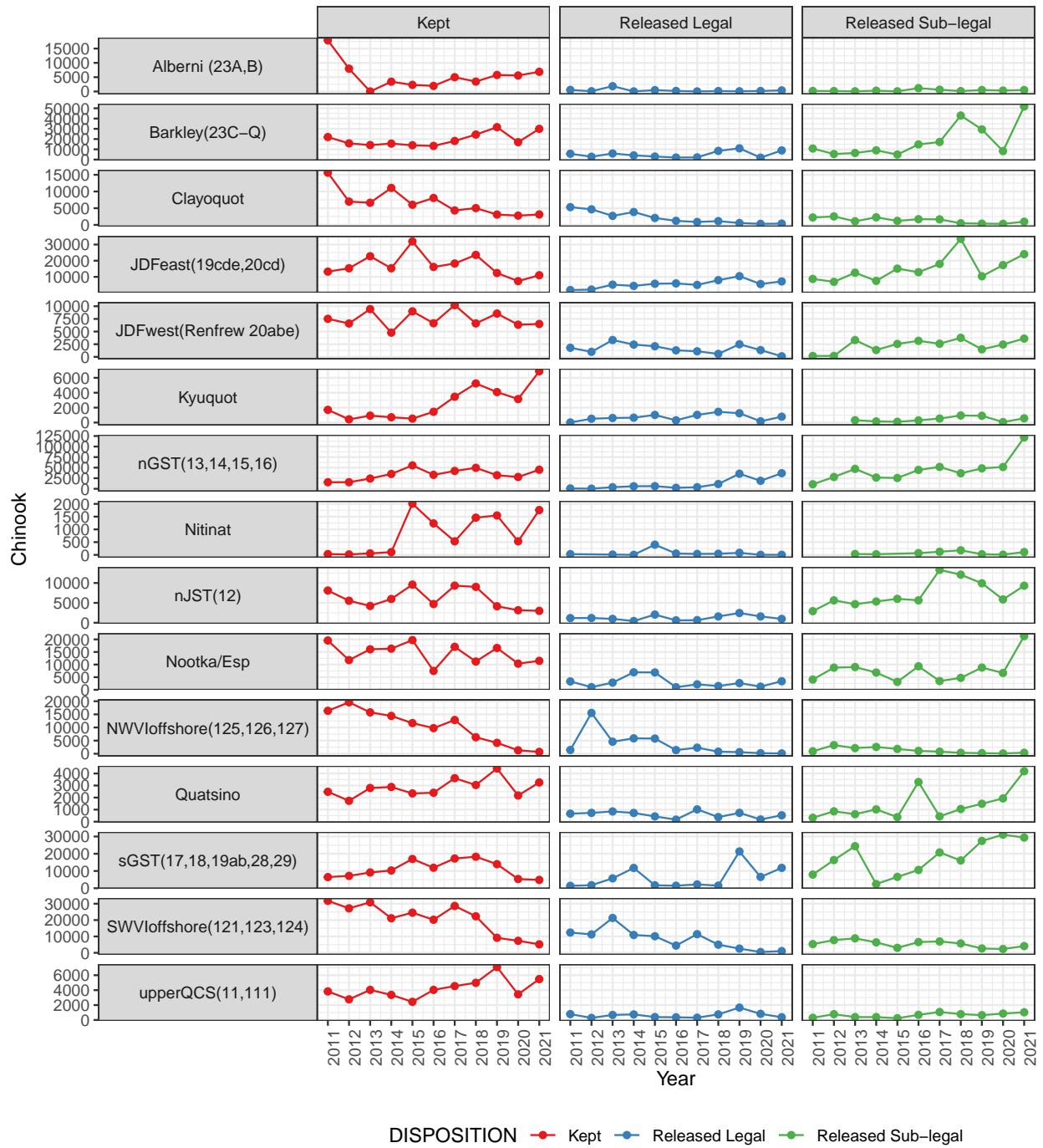


Figure 7: Kept, released and released sub-legal by area. Total column height is encounters.

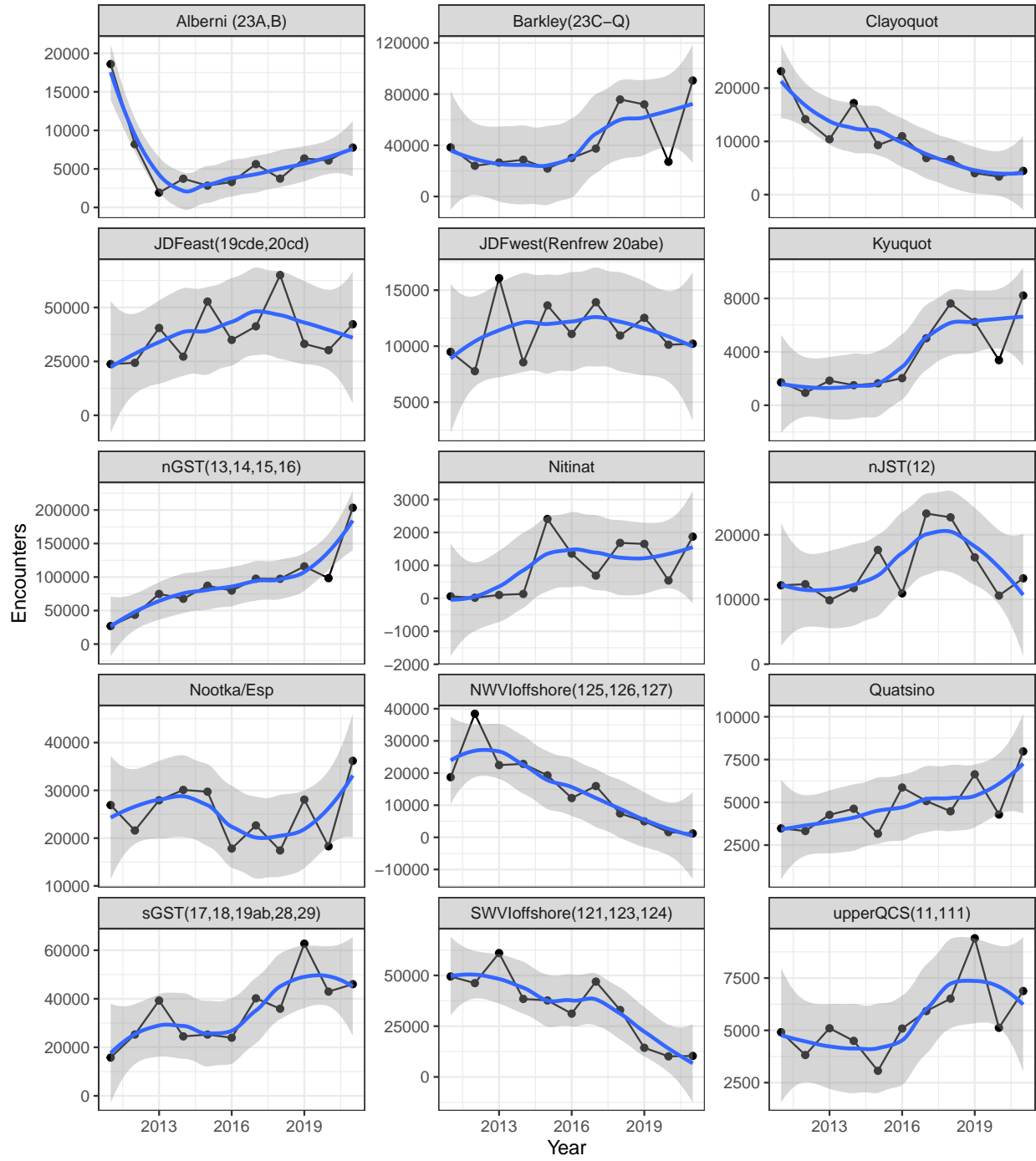


Figure 8: Total encounters by area 2011-2021. Lines fit by LOESS.

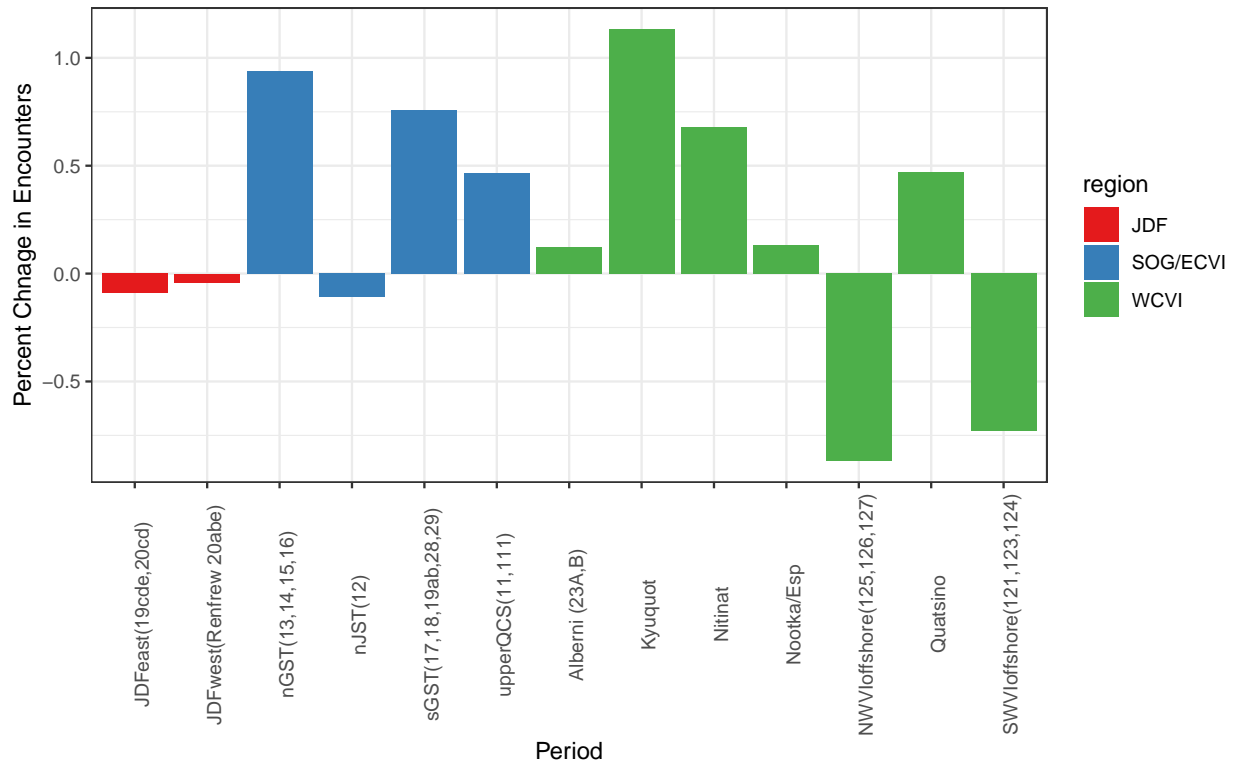


Figure 9: Percent change in encounters between base period (2011-2019) and 2019-2021.

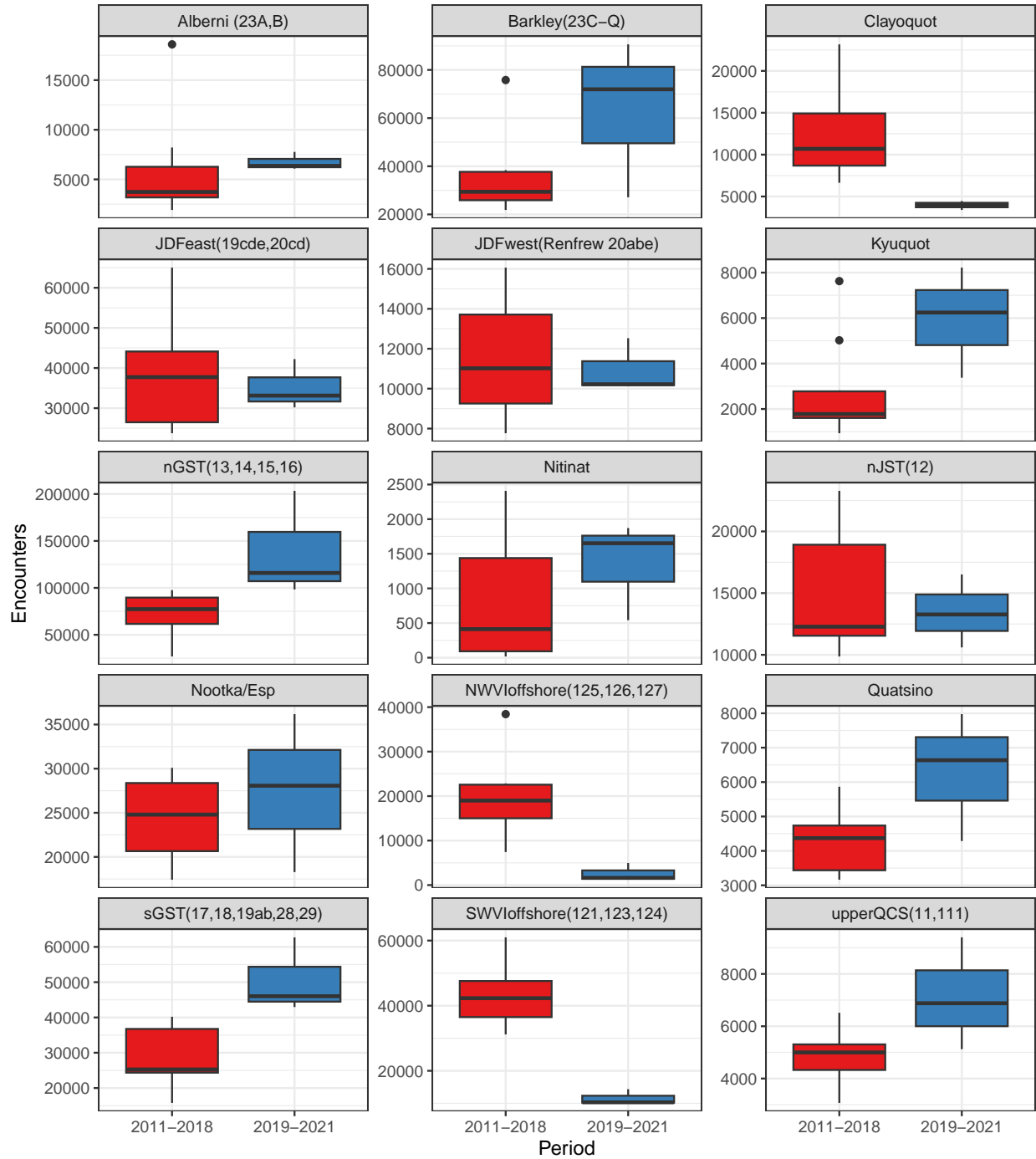


Figure 10: Boxplot of total encounters in base period (2011-2018) versus recent years (2019-2021).

2022 Creel Survey Summary

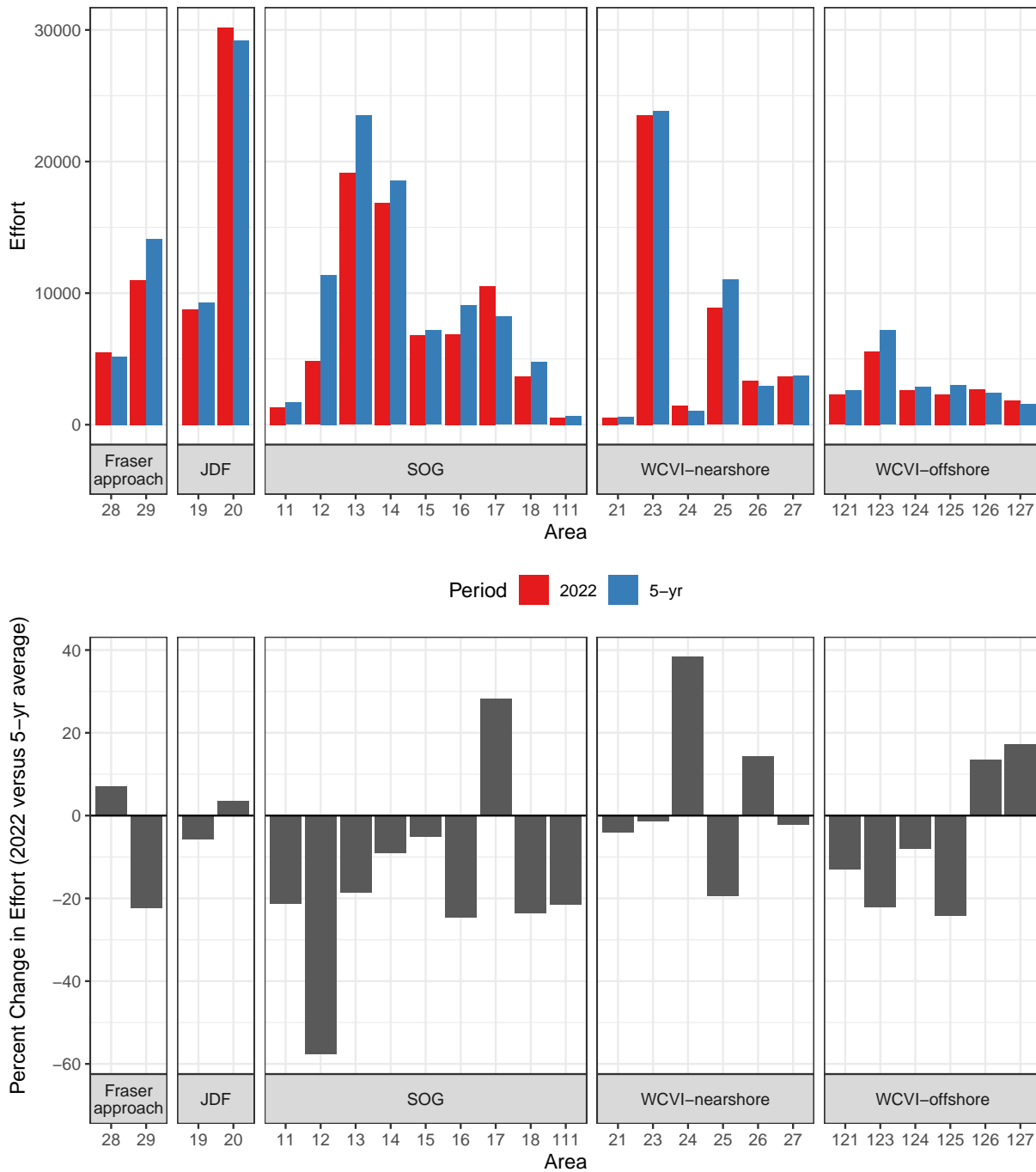


Figure 11: Top: Total effort by area and area grouping for 2022 year to date and the 5-yr average. Bottom: Percentage change in total effort (2022 YTD versus 5-yr average).

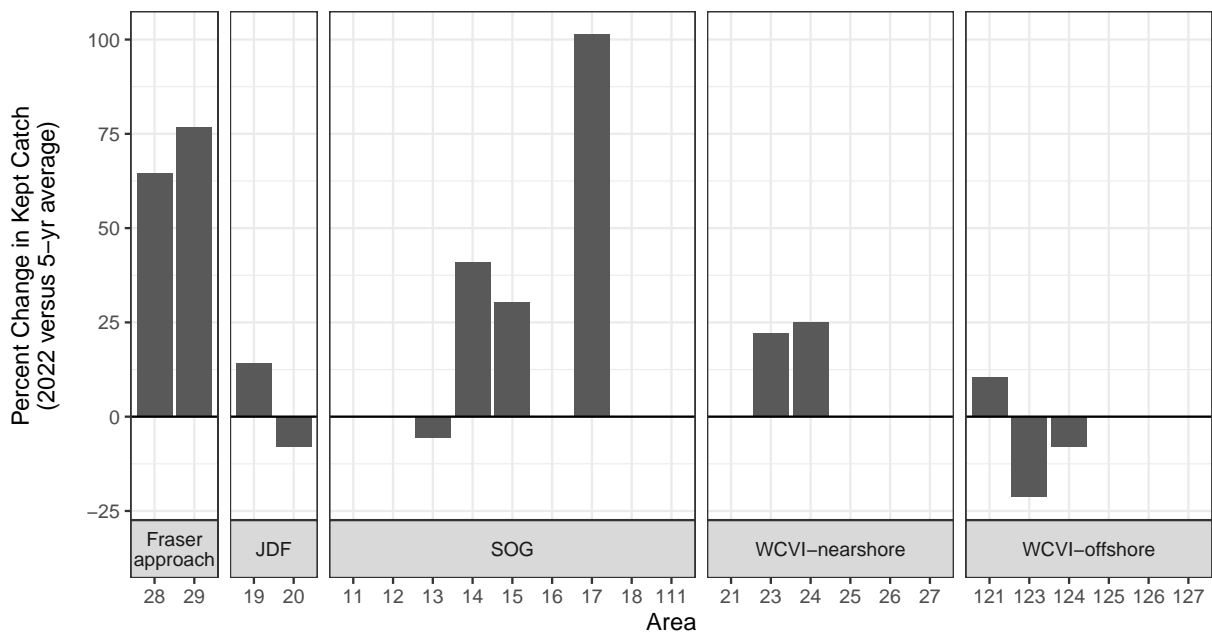
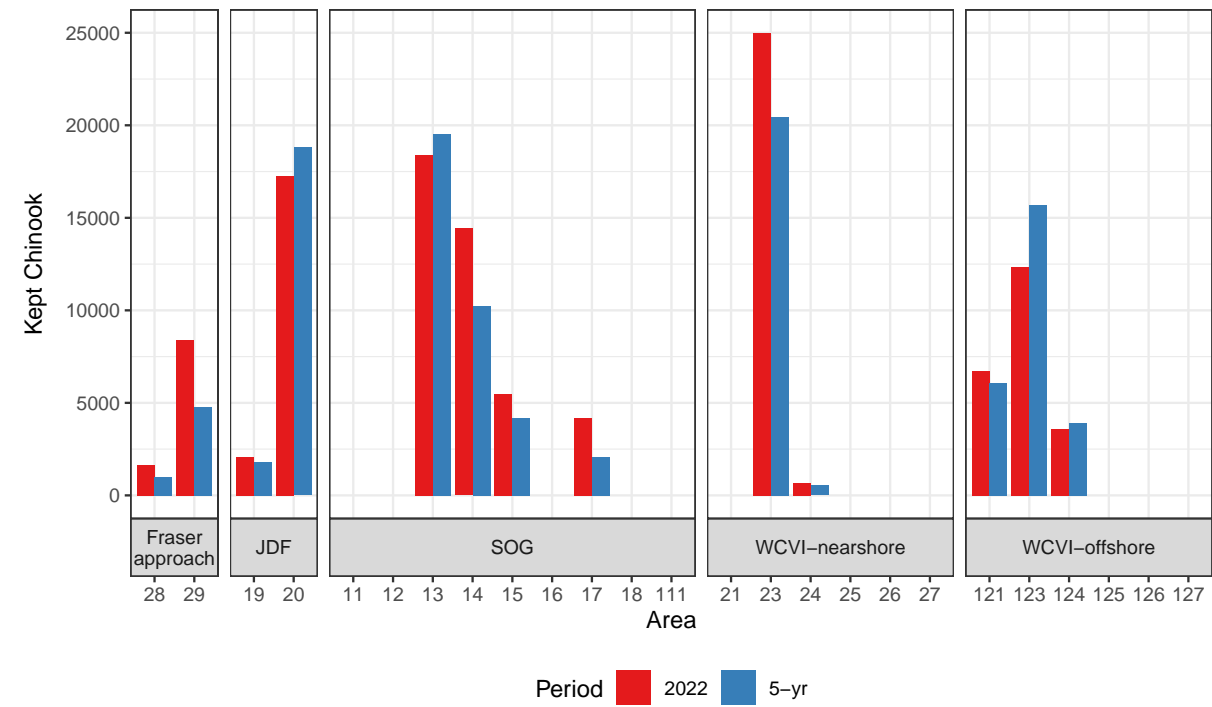


Figure 12: Top: Total kept catch of Chinook by area and area grouping for 2022 year to date and the 5-yr average. Bottom: Percentage change in total kept catch (2022 YTD versus 5-yr average).

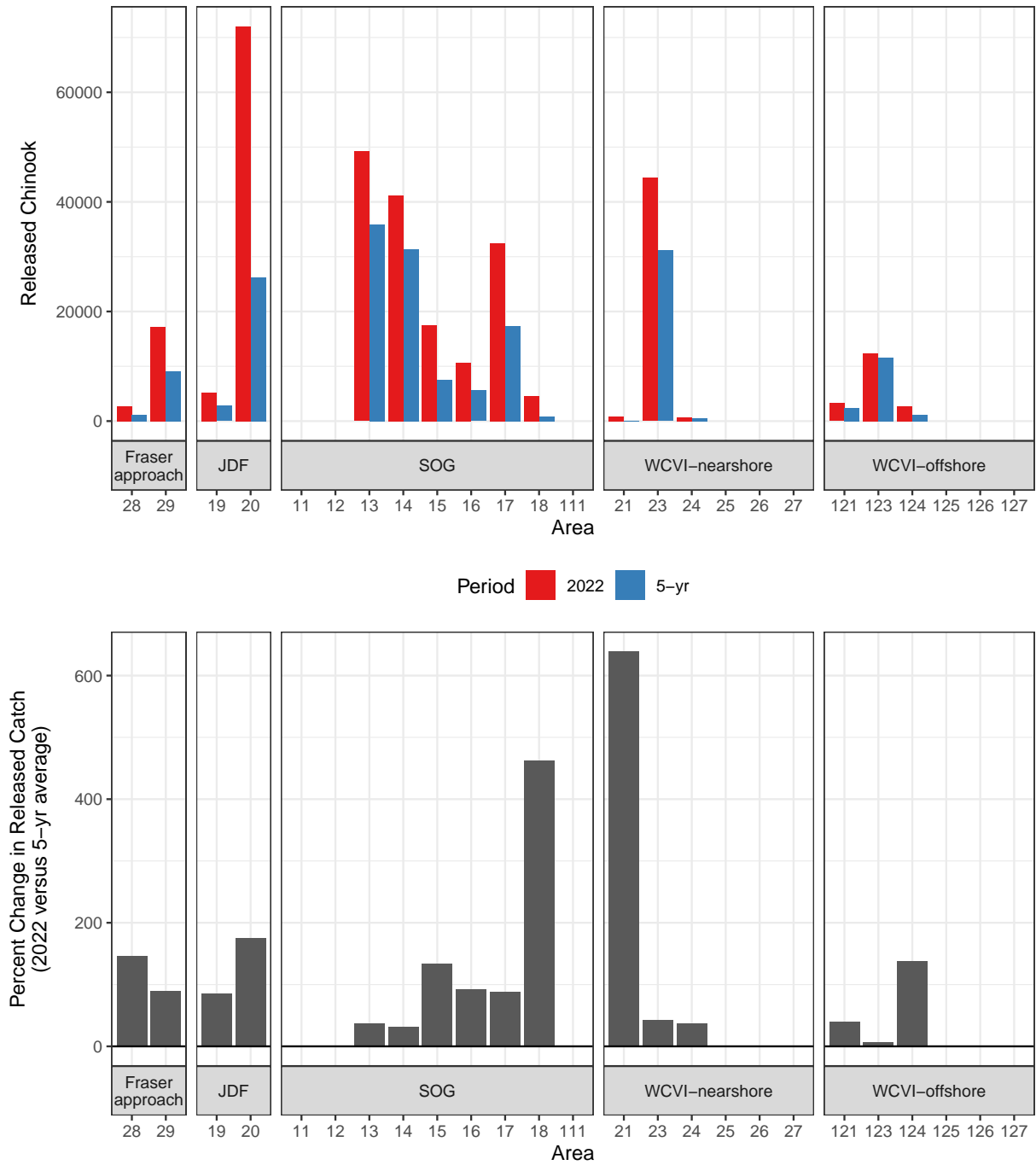


Figure 13: Top: Total released catch of Chinook by area and area grouping for 2022 year to date and the 5-yr average. Bottom: Percentage change in total released catch (2022 YTD versus 5-yr average).

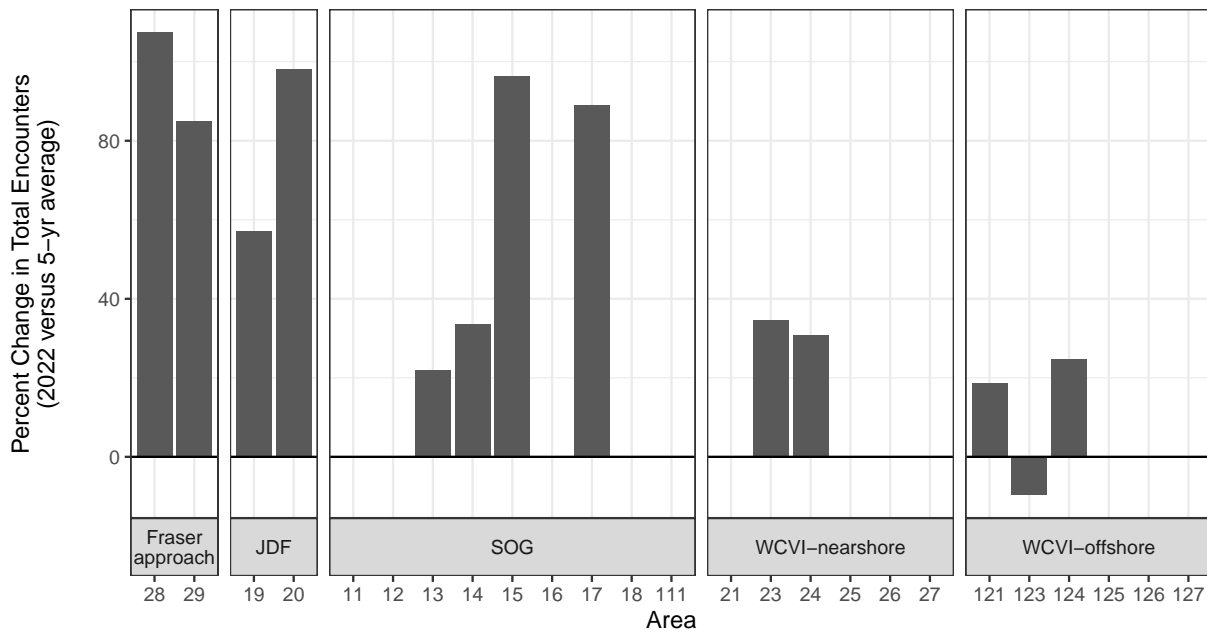
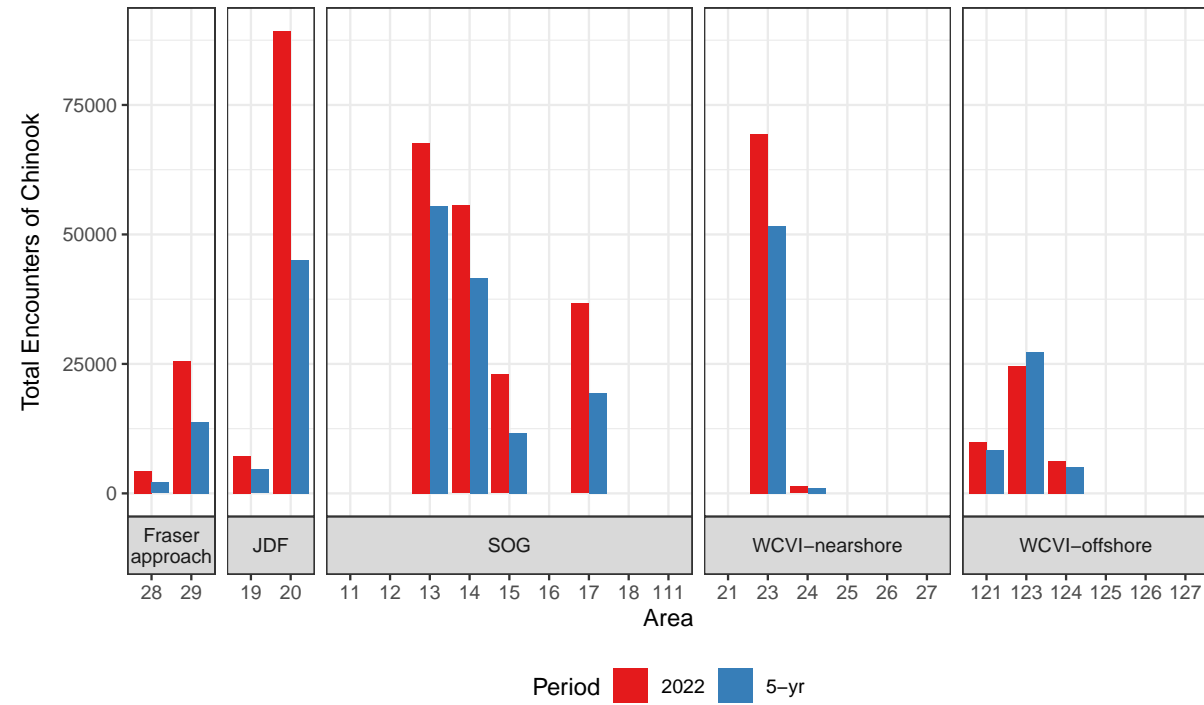


Figure 14: Top: Total encounters of Chinook by area and area grouping for 2022 year to date and the 5-yr average. Bottom: Percentage change in total encounters (2022 YTD versus 5-yr average).

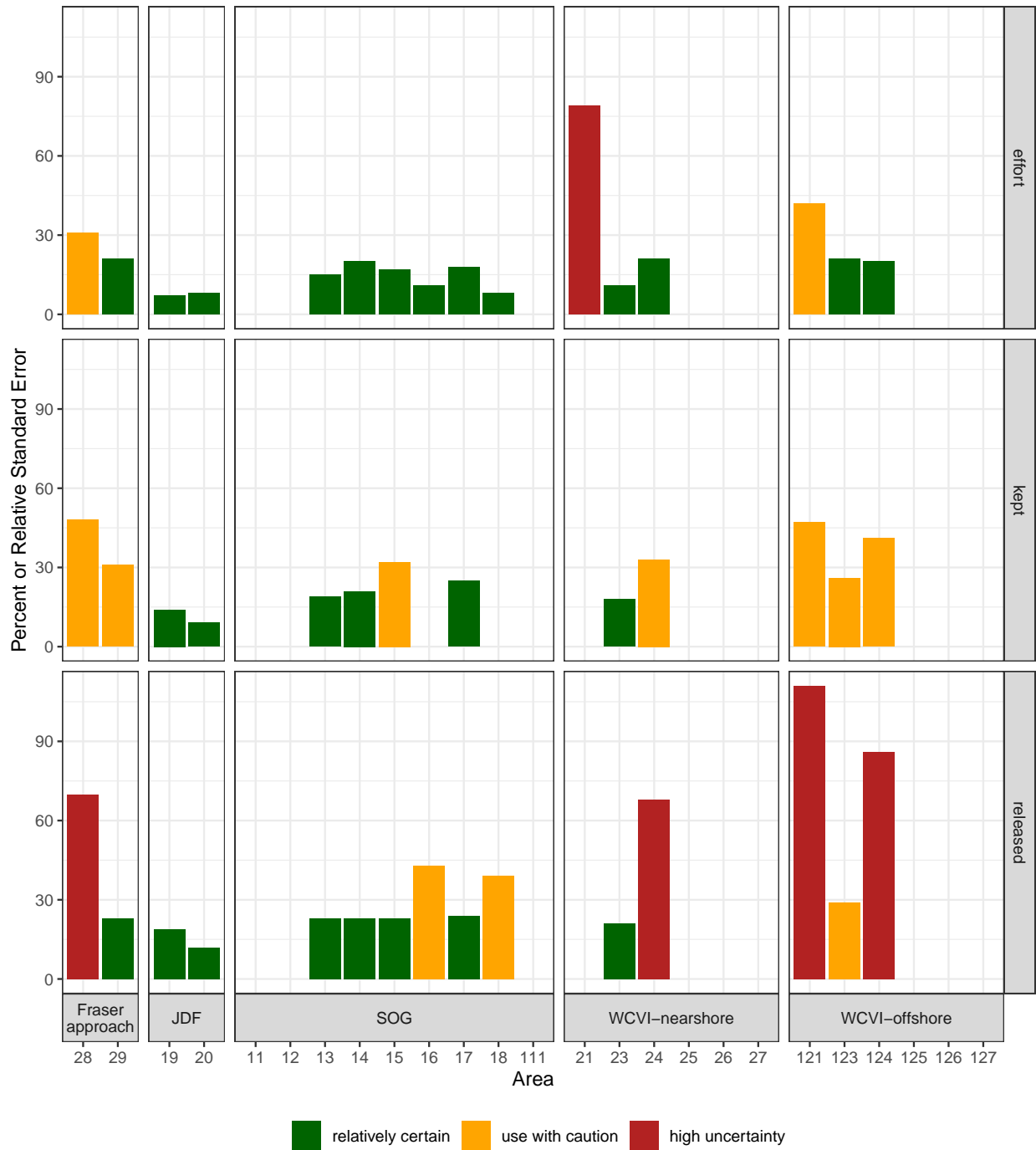


Figure 15: Top: Total encounters of Chinook by area and area grouping for 2022 year to date and the 5-yr average. Bottom: Percentage change in total encounters (2022 YTD versus 5-yr average).