

Science, Service, Stewardship



Sablefish Management and Trawl Allocation Attainment Committee (SaMTAAC)

B. Biological Implications of Geographic Redistribution of Harvest

Melissa A. Haltuch

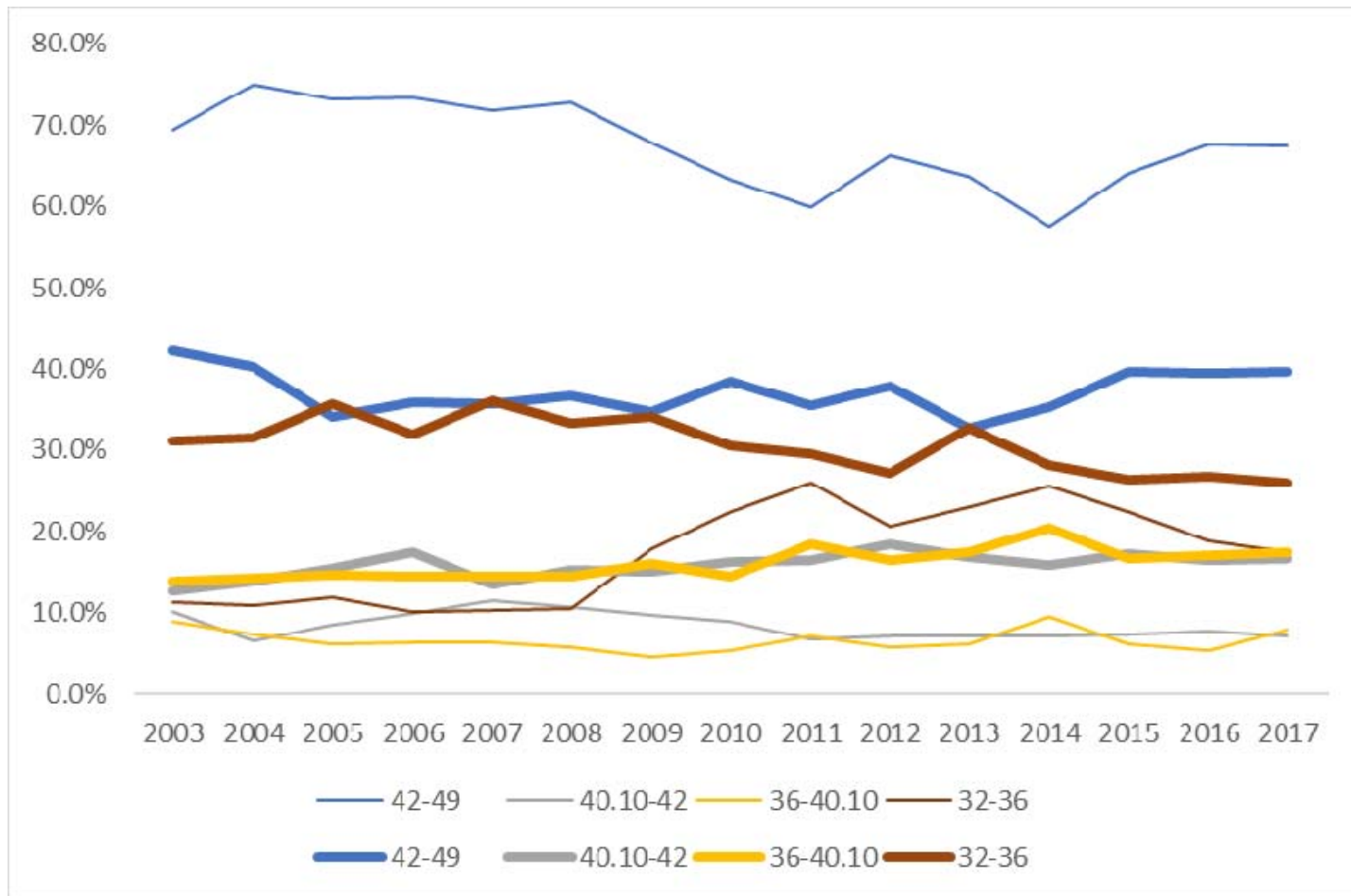
NOAA-Fisheries, NWFSC, Seattle, WA, USA.

October 10, 2018

**NOAA
FISHERIES
SERVICE**

PFMC

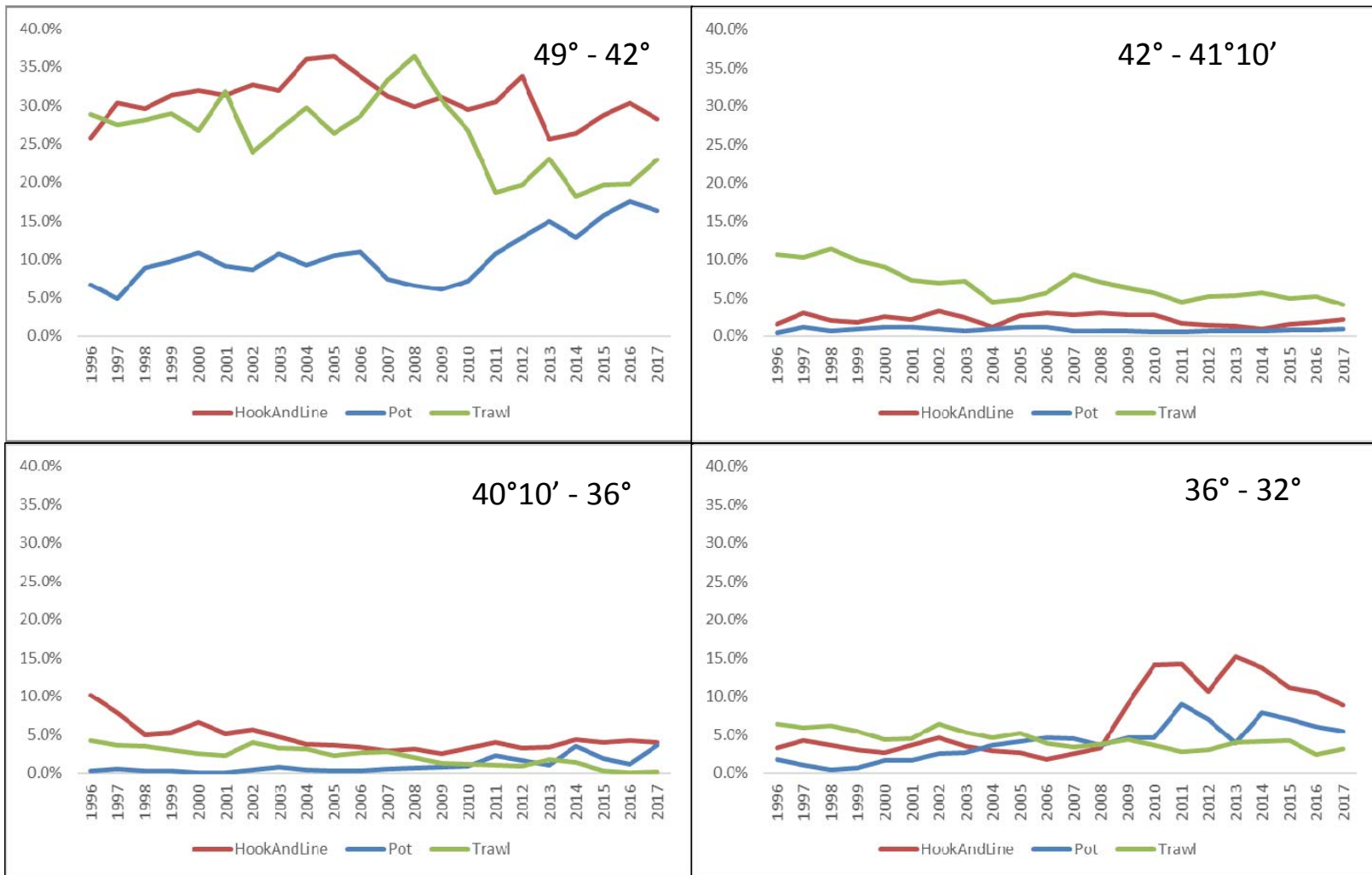
Proportion of total annual landings and total estimated survey biomass



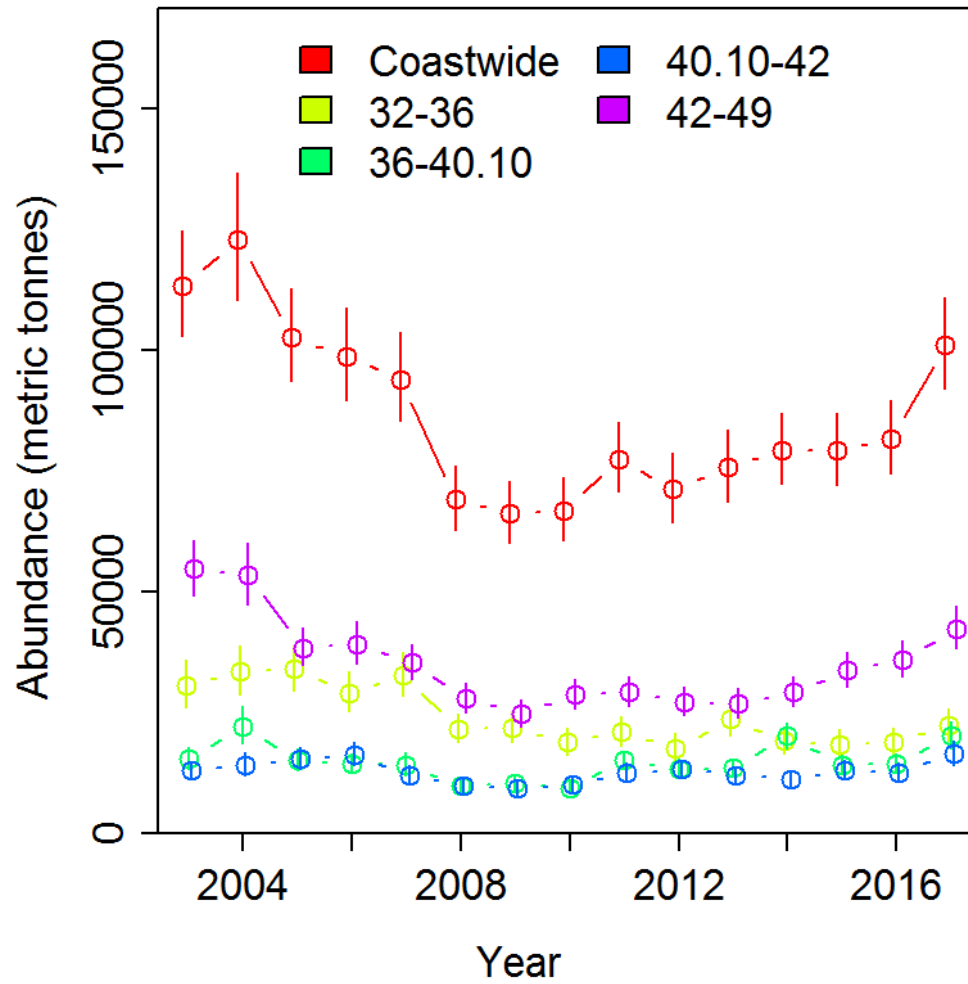
Bold lines –
estimated survey
biomass

Light lines - landings

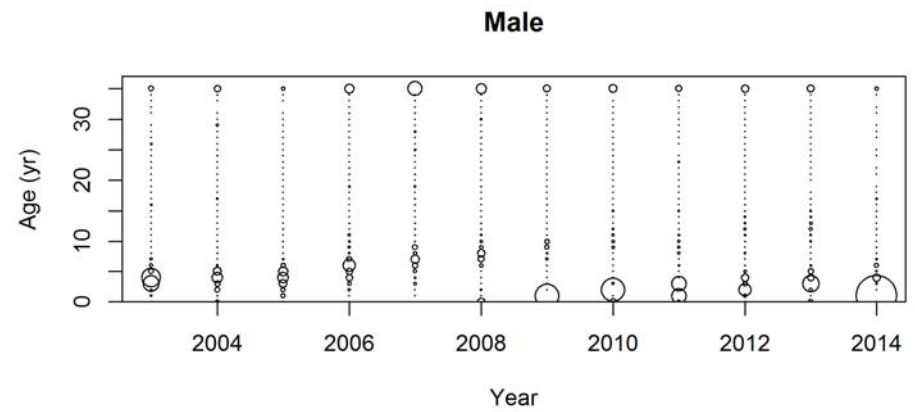
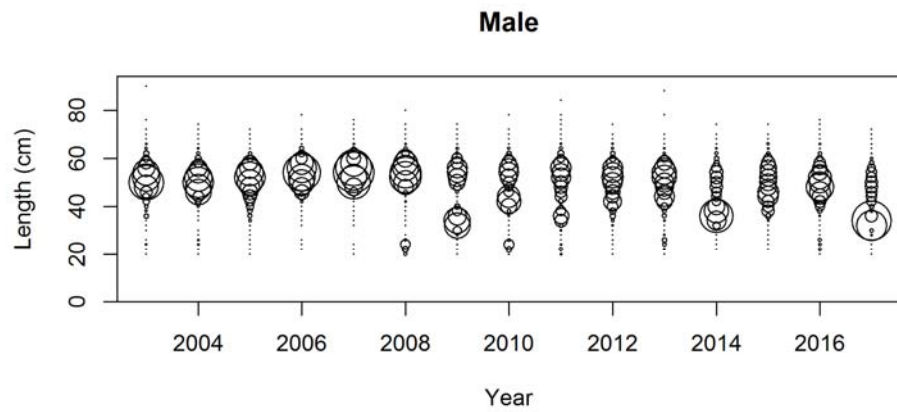
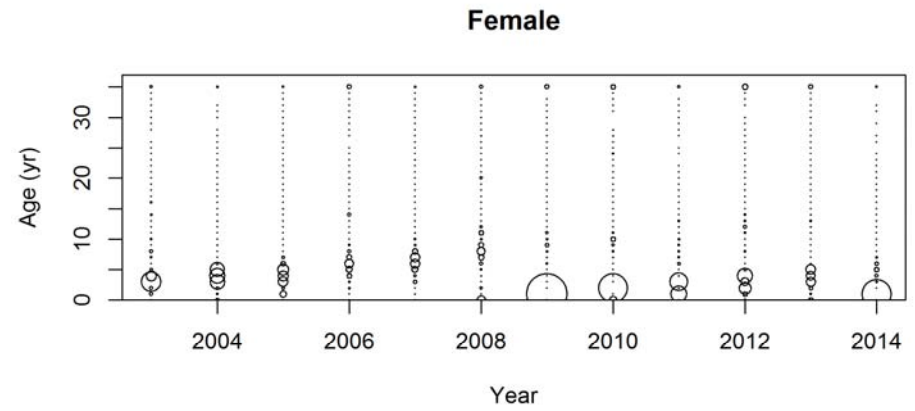
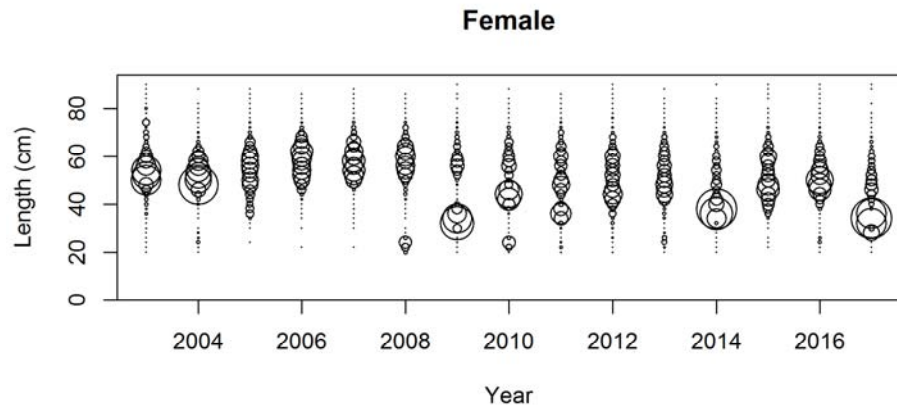
Proportion of total annual landings by area and gear



NWFSC survey index



NWFSC survey coast-wide length and age compositions



NWFSC survey data spatial-temporal analysis for ~ age 0 sablefish

