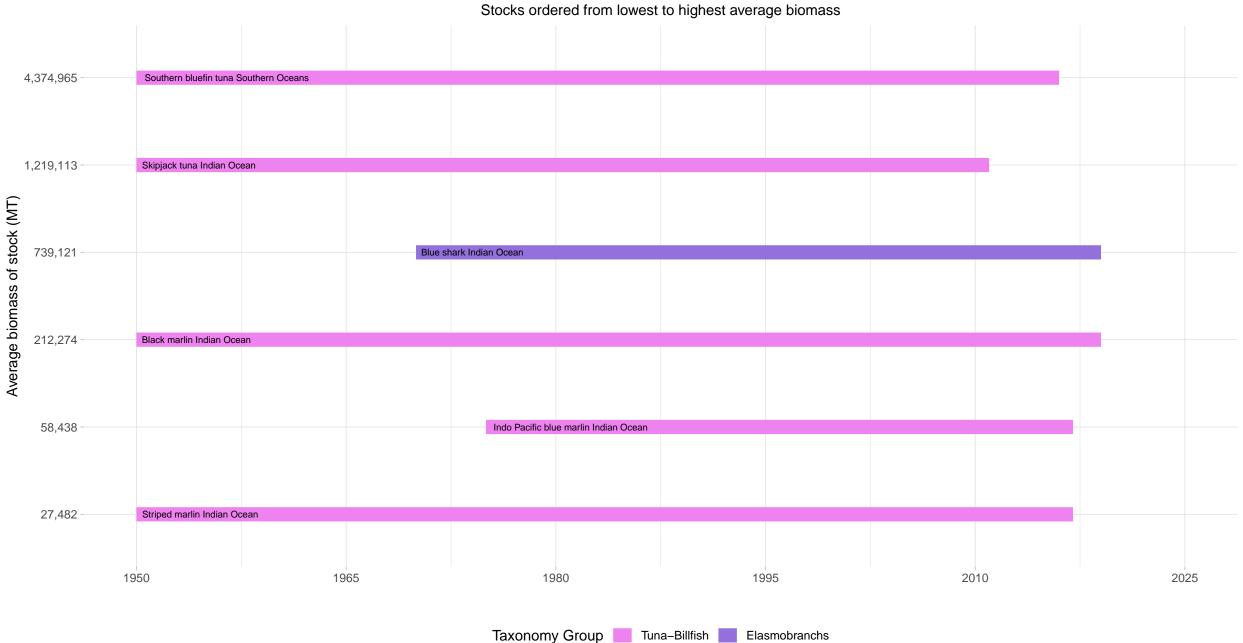
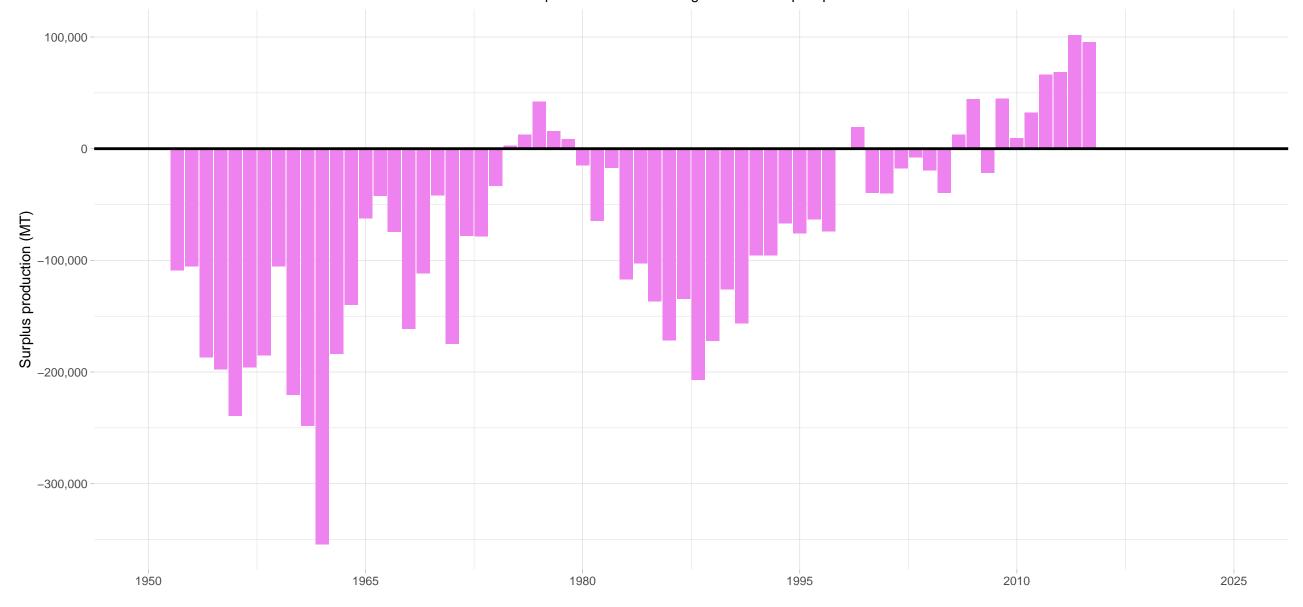


## Biomass Coverage Over Time in Indian Ocean Region

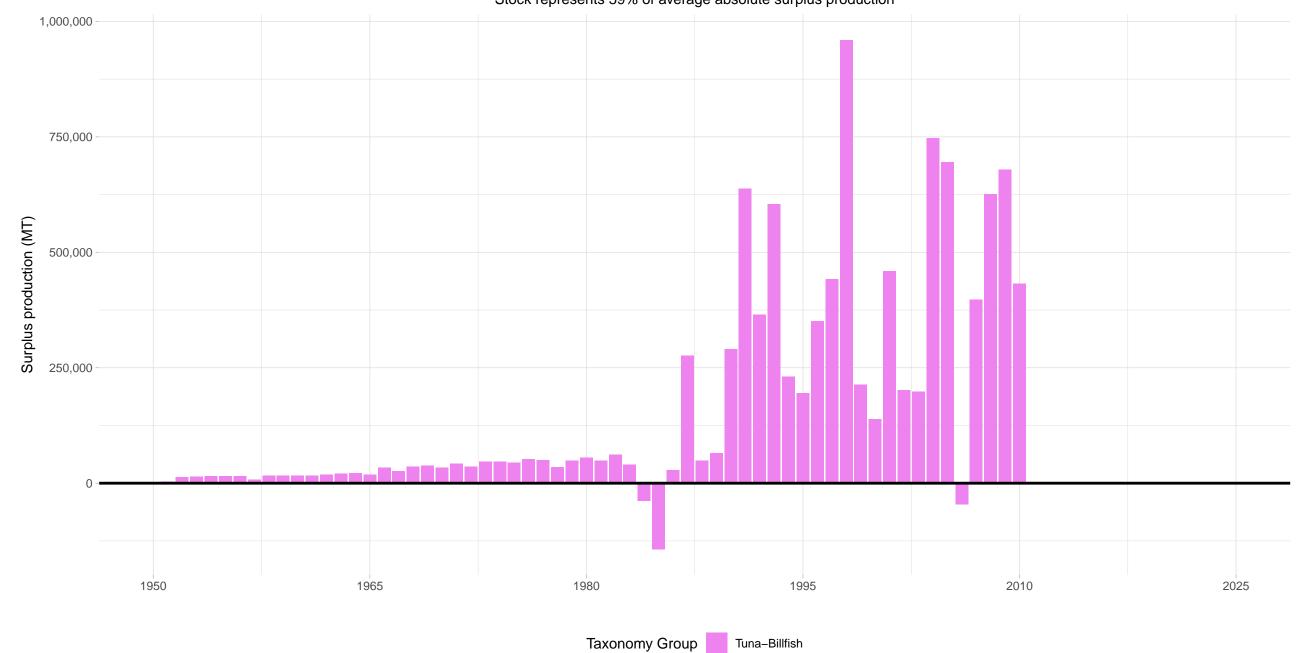


## Southern bluefin tuna Southern Oceans – Indian Ocean Region

Stock represents 32% of average absolute surplus production

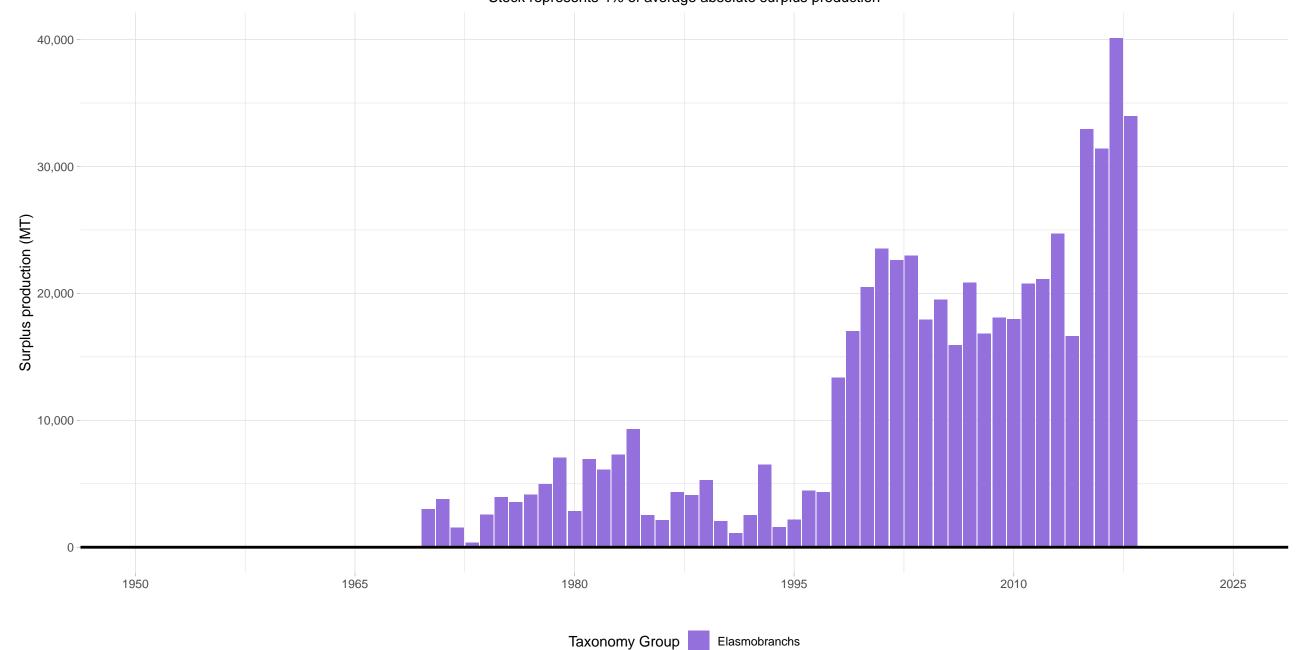


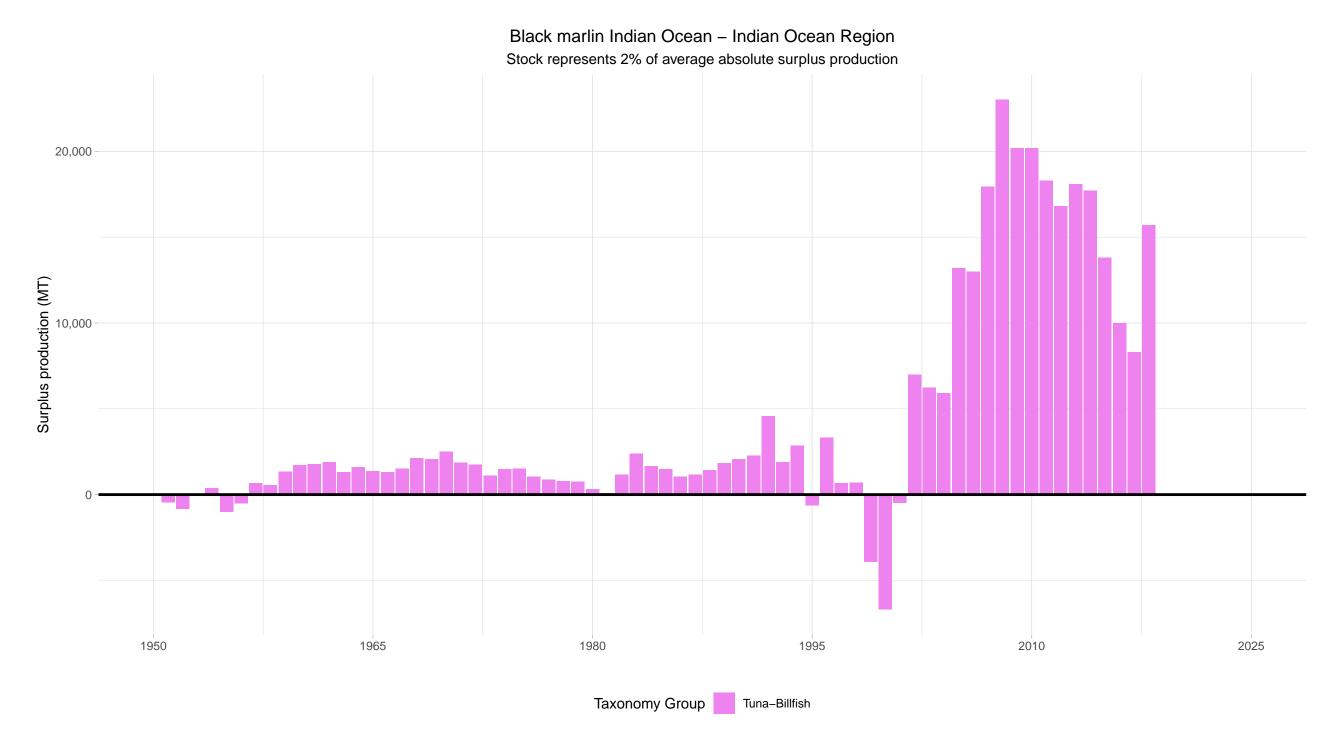
Skipjack tuna Indian Ocean – Indian Ocean Region Stock represents 59% of average absolute surplus production



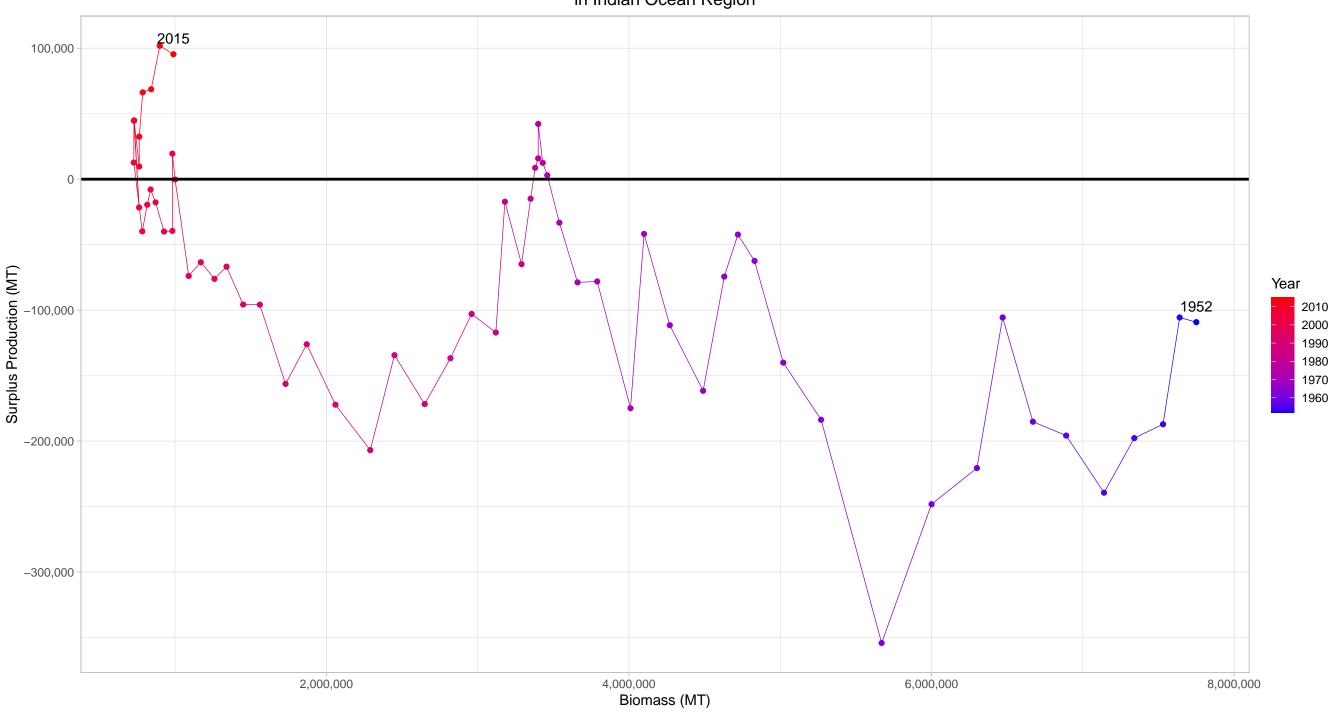
## Blue shark Indian Ocean – Indian Ocean Region

Stock represents 4% of average absolute surplus production



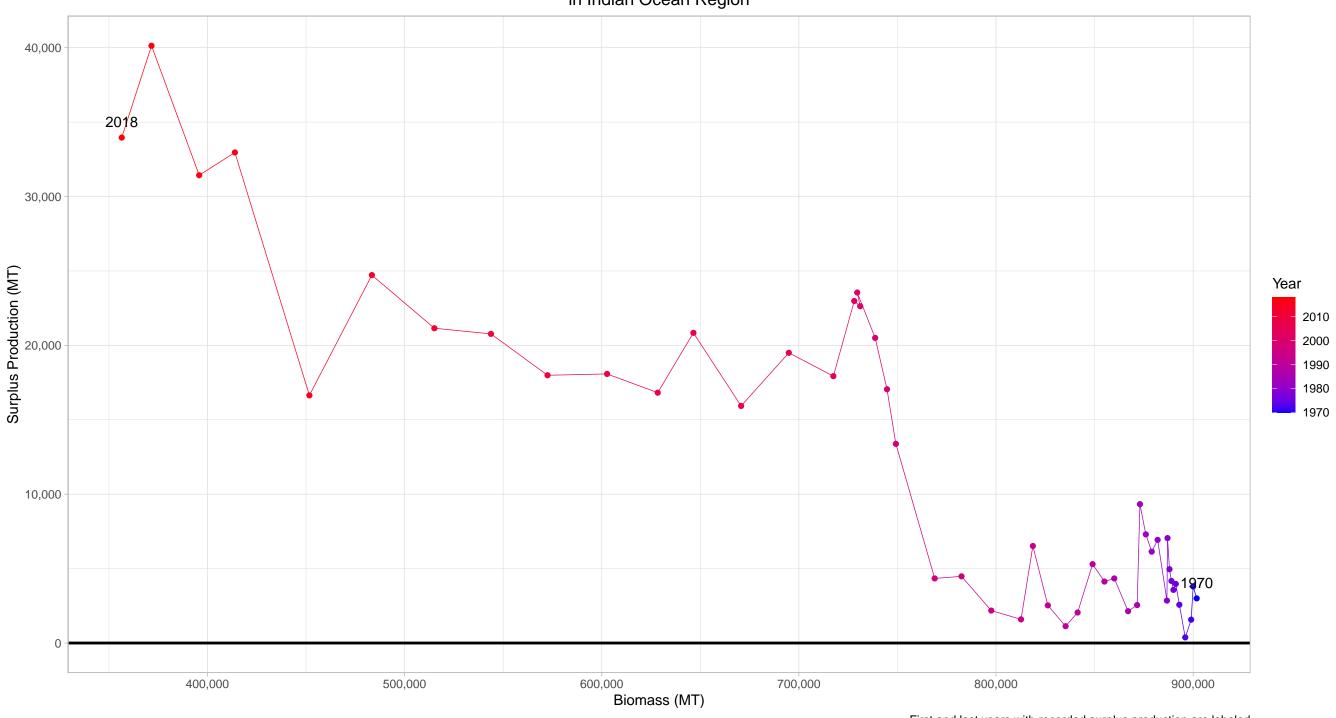


## Southern bluefin tuna Southern Oceans in Indian Ocean Region



Skipjack tuna Indian Ocean in Indian Ocean Region 1,000,000 750,000 Surplus Production (MT) Year 500,000 2010 2010 2000 1990 1980 1970 1960 1950 250,000 1950 1,200,000 1,600,000 800,000 Biomass (MT) First and last years with recorded surplus production are labeled

Blue shark Indian Ocean in Indian Ocean Region



Black marlin Indian Ocean in Indian Ocean Region 20,000 2018 Surplus Production (MT) Year 2000 1980 1960 200,000 225,000 150,000 175,000 Biomass (MT)