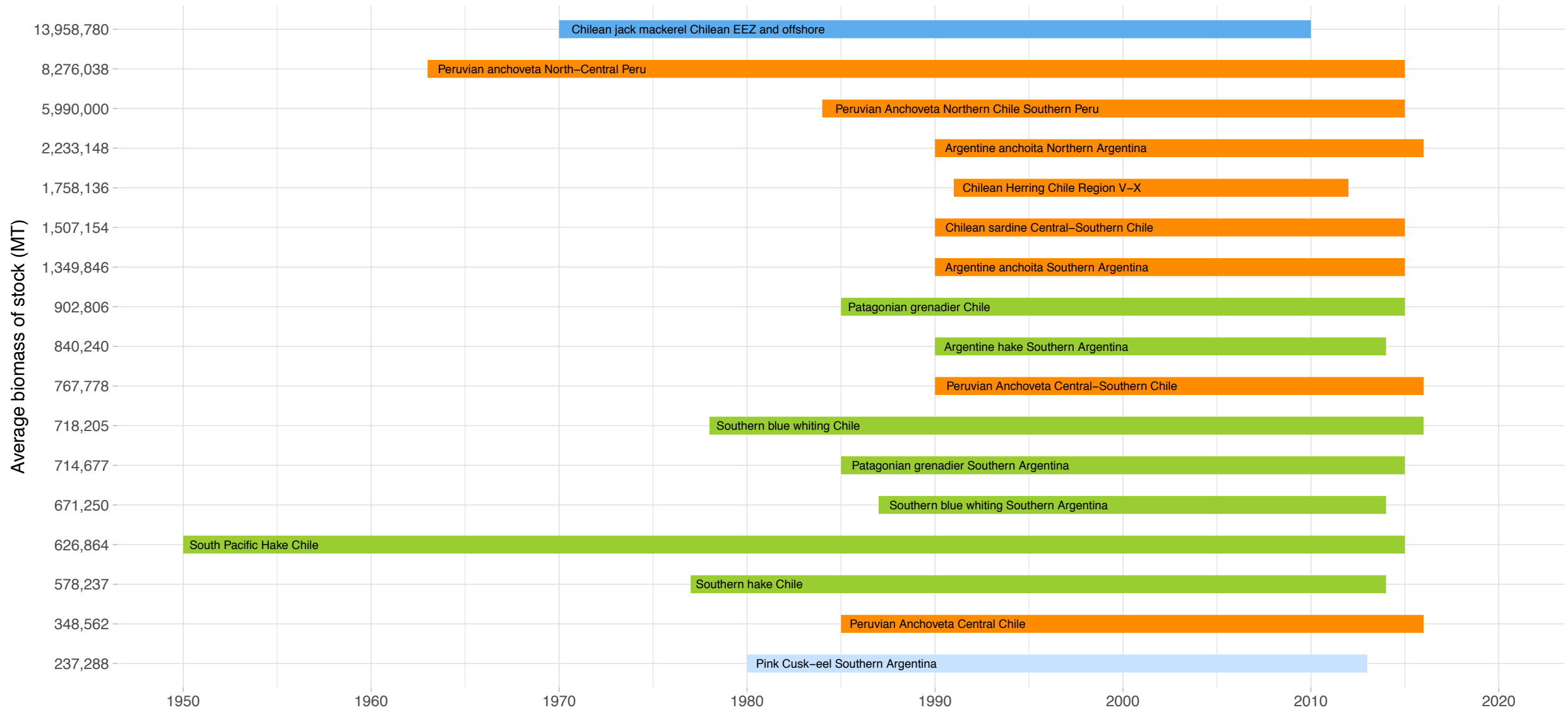




# Biomass Coverage Over Time in South America Region

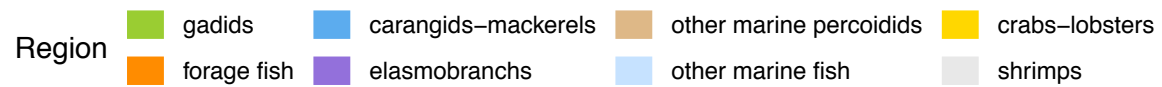
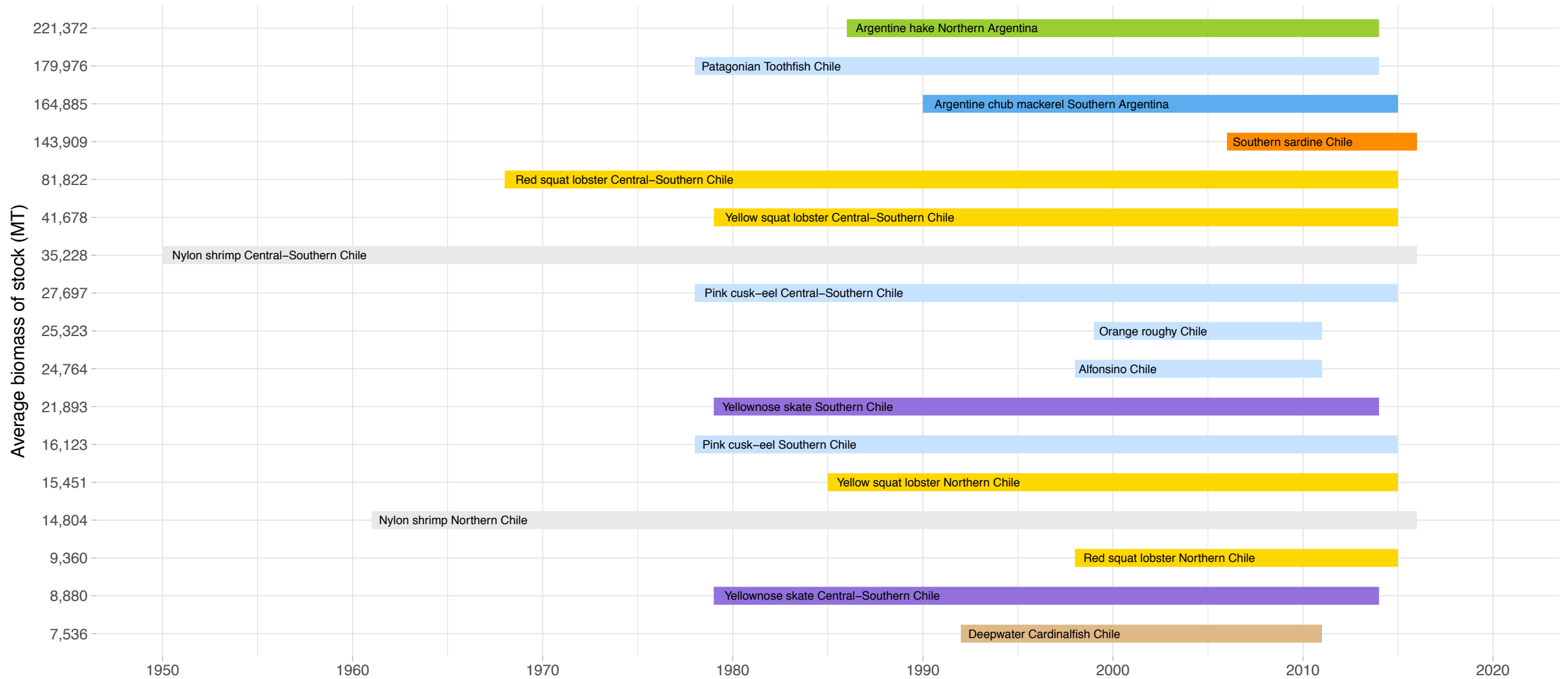
## Stocks with highest average biomass



Region ■ gadids ■ forage fish ■ carangids-mackerels ■ other marine fish

# Biomass Coverage Over Time in South America Region

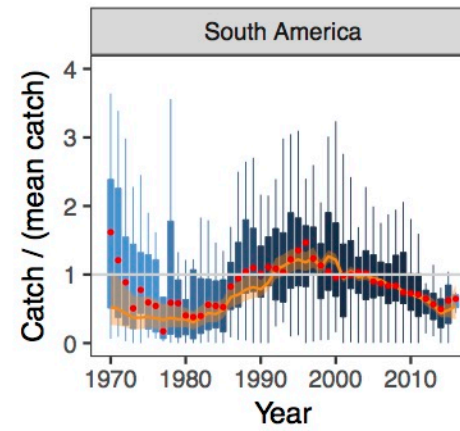
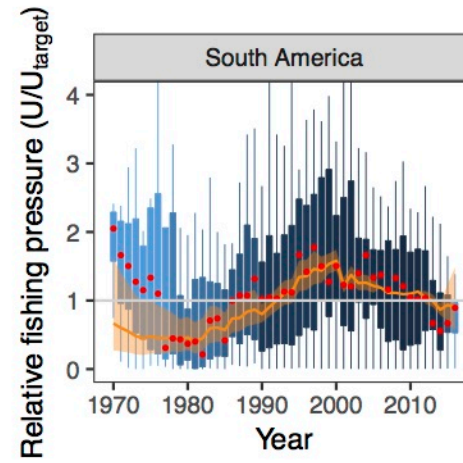
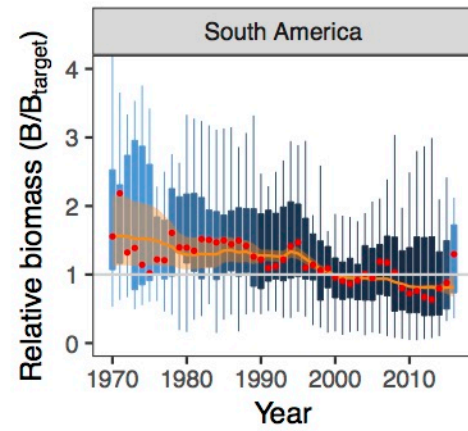
## Stocks with lowest average biomass



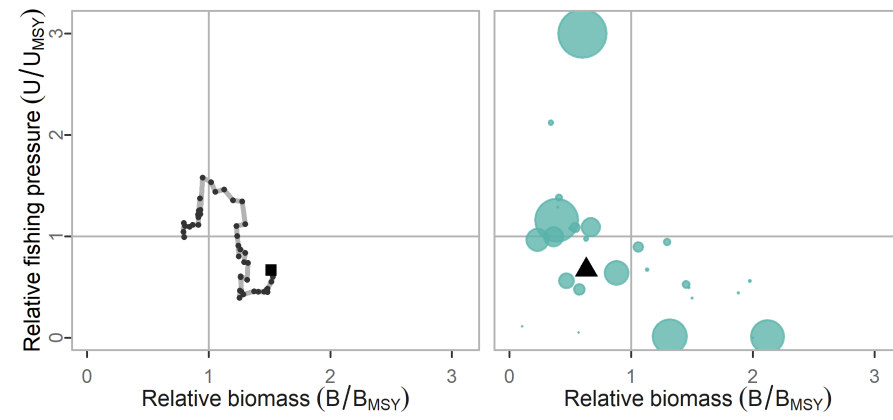


Summary method: • Median

— State-space model prediction

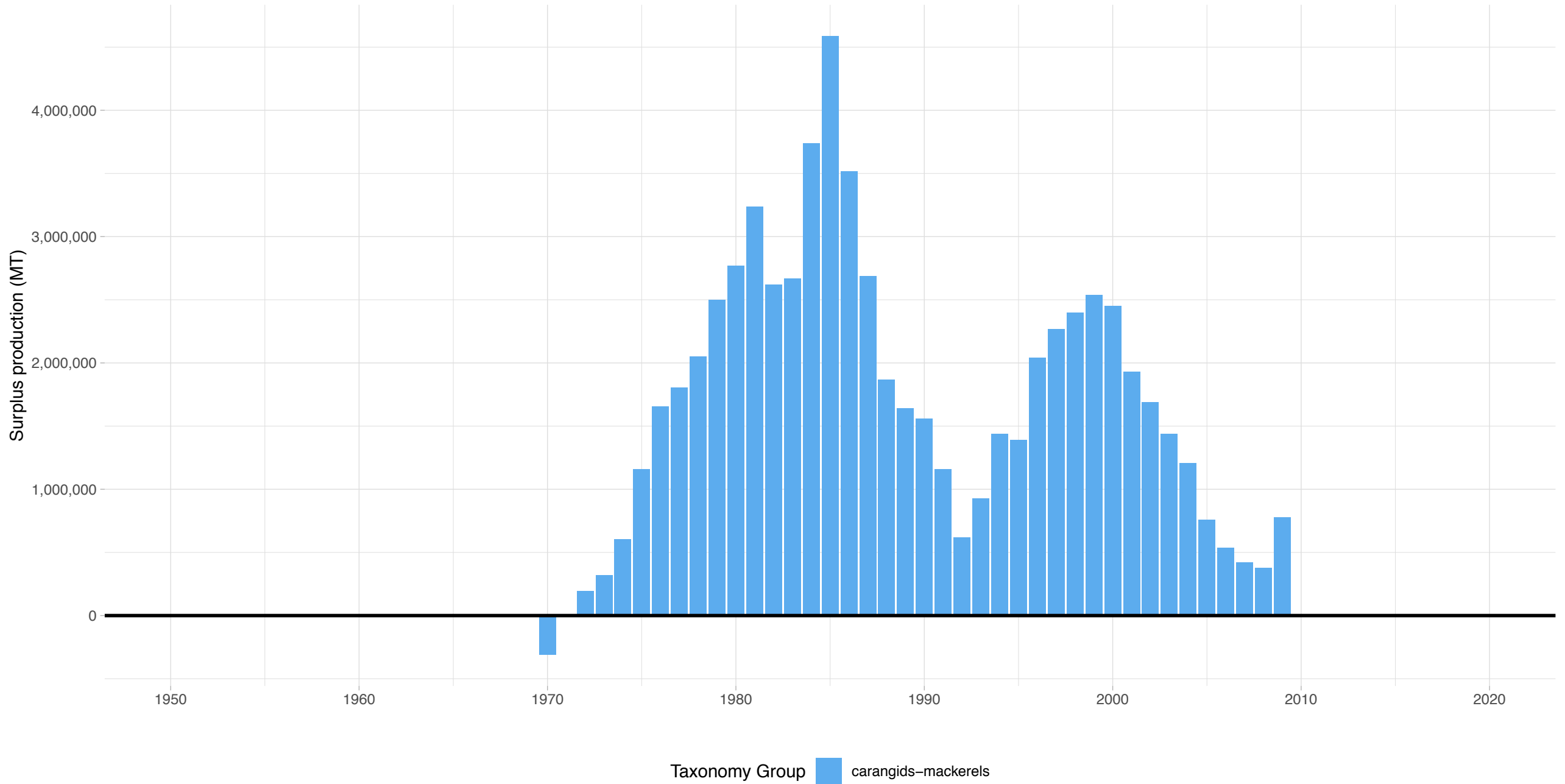


South America



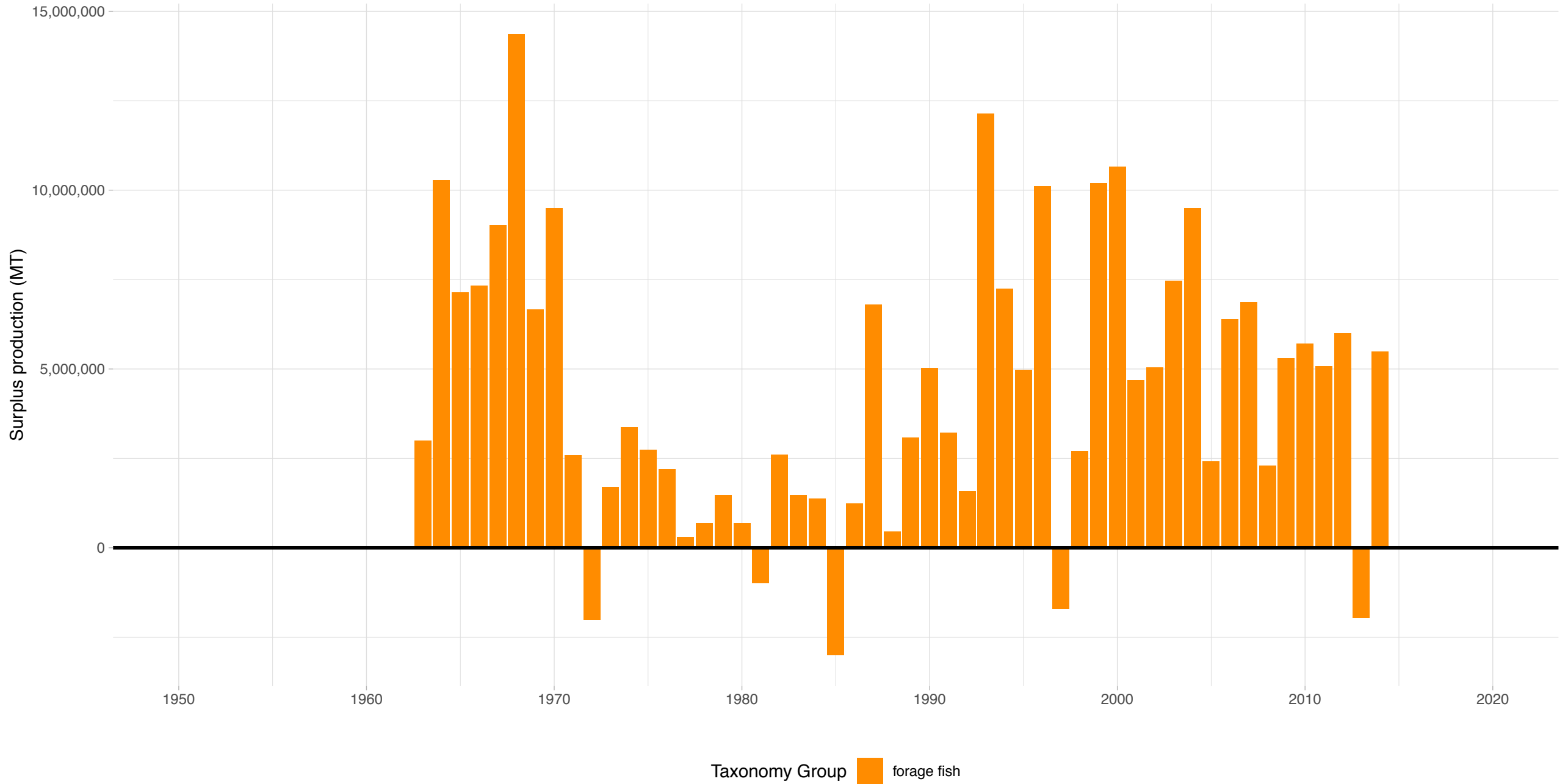
# Chilean jack mackerel Chilean EEZ and offshore – South America Region

Stock represents 15.4% of average absolute surplus production



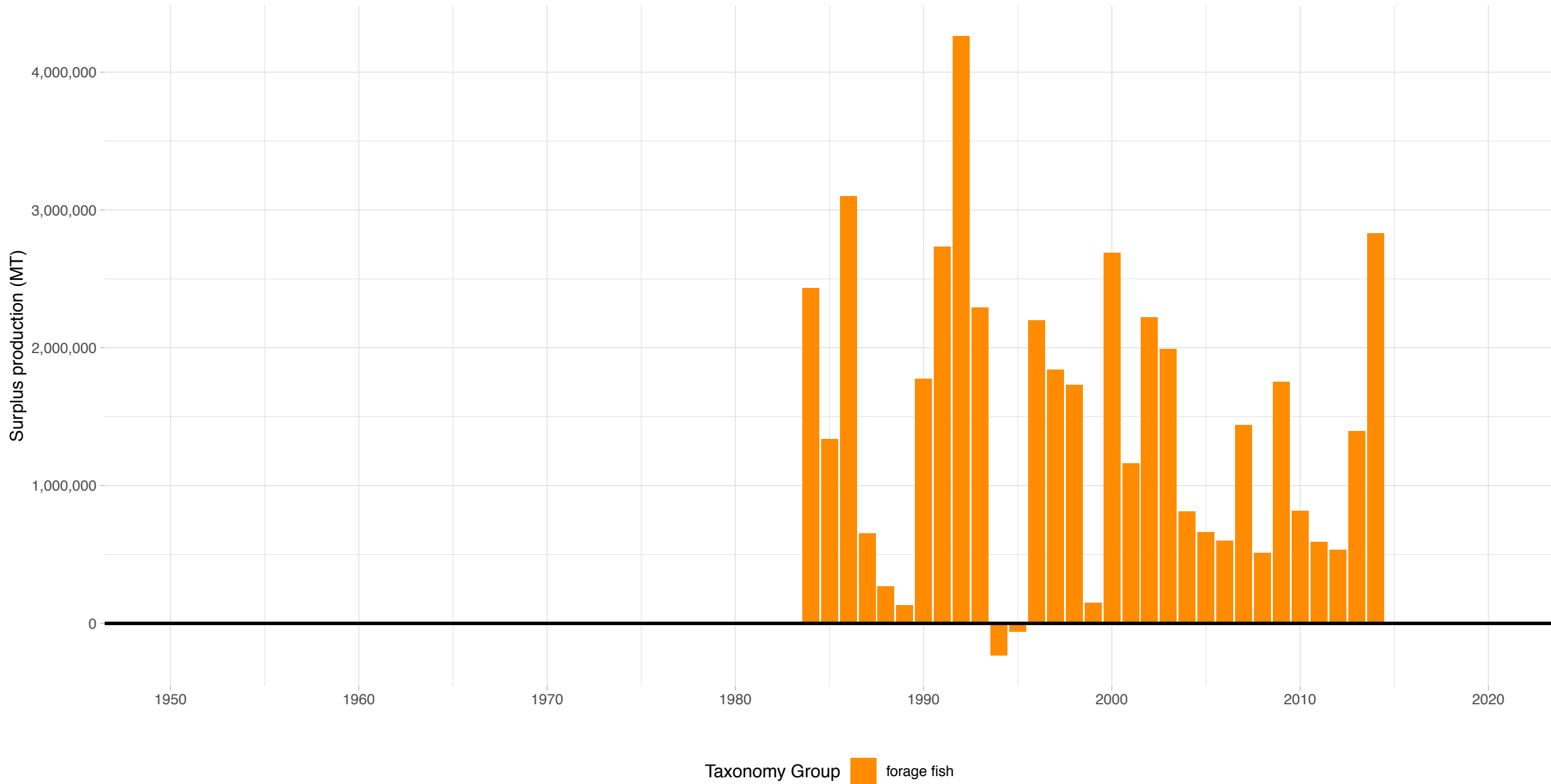
# Peruvian anchoveta North–Central Peru – South America Region

Stock represents 43.6% of average absolute surplus production



# Peruvian Anchoveta Northern Chile Southern Peru – South America Region

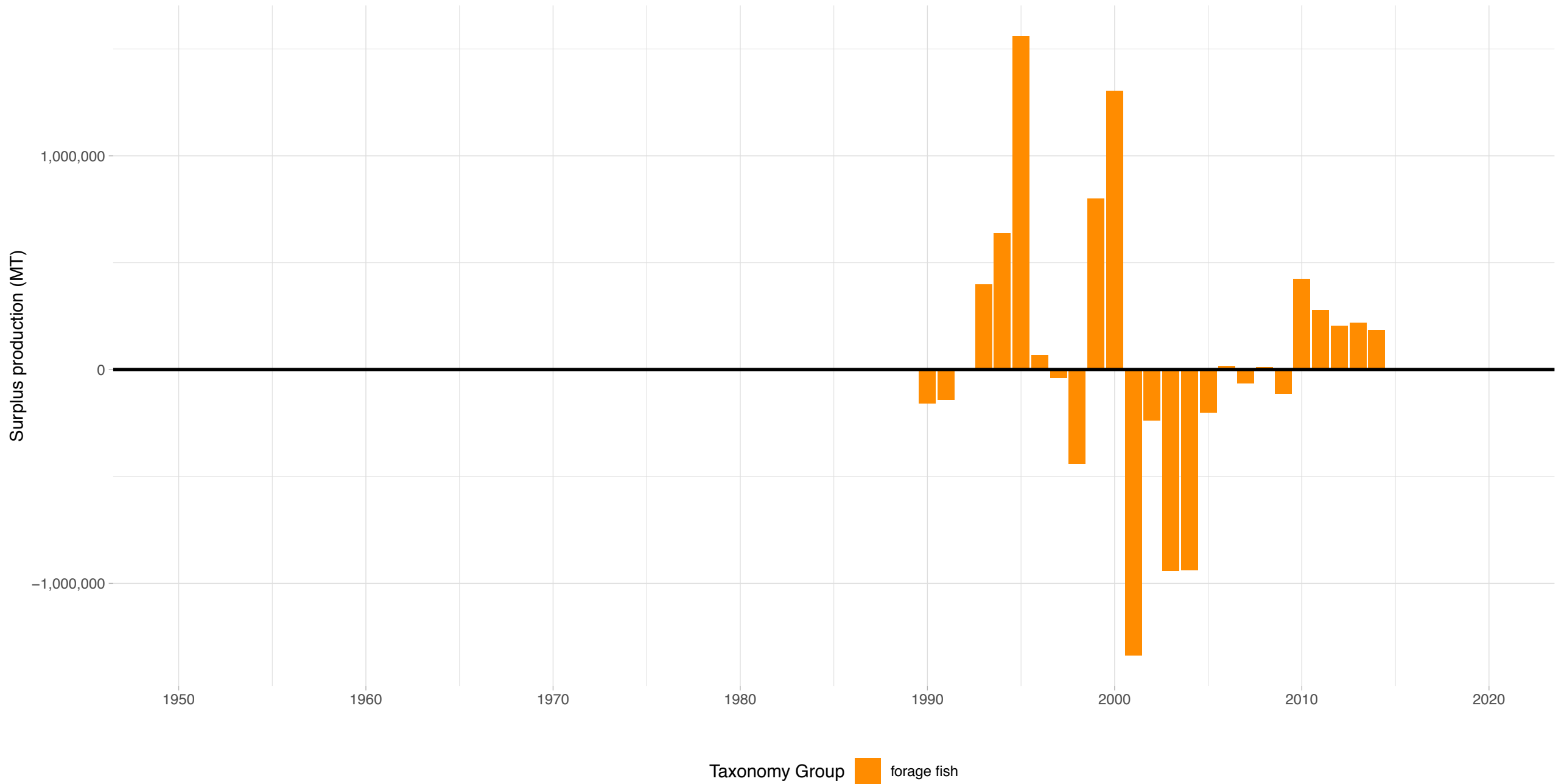
Stock represents 13.2% of average absolute surplus production



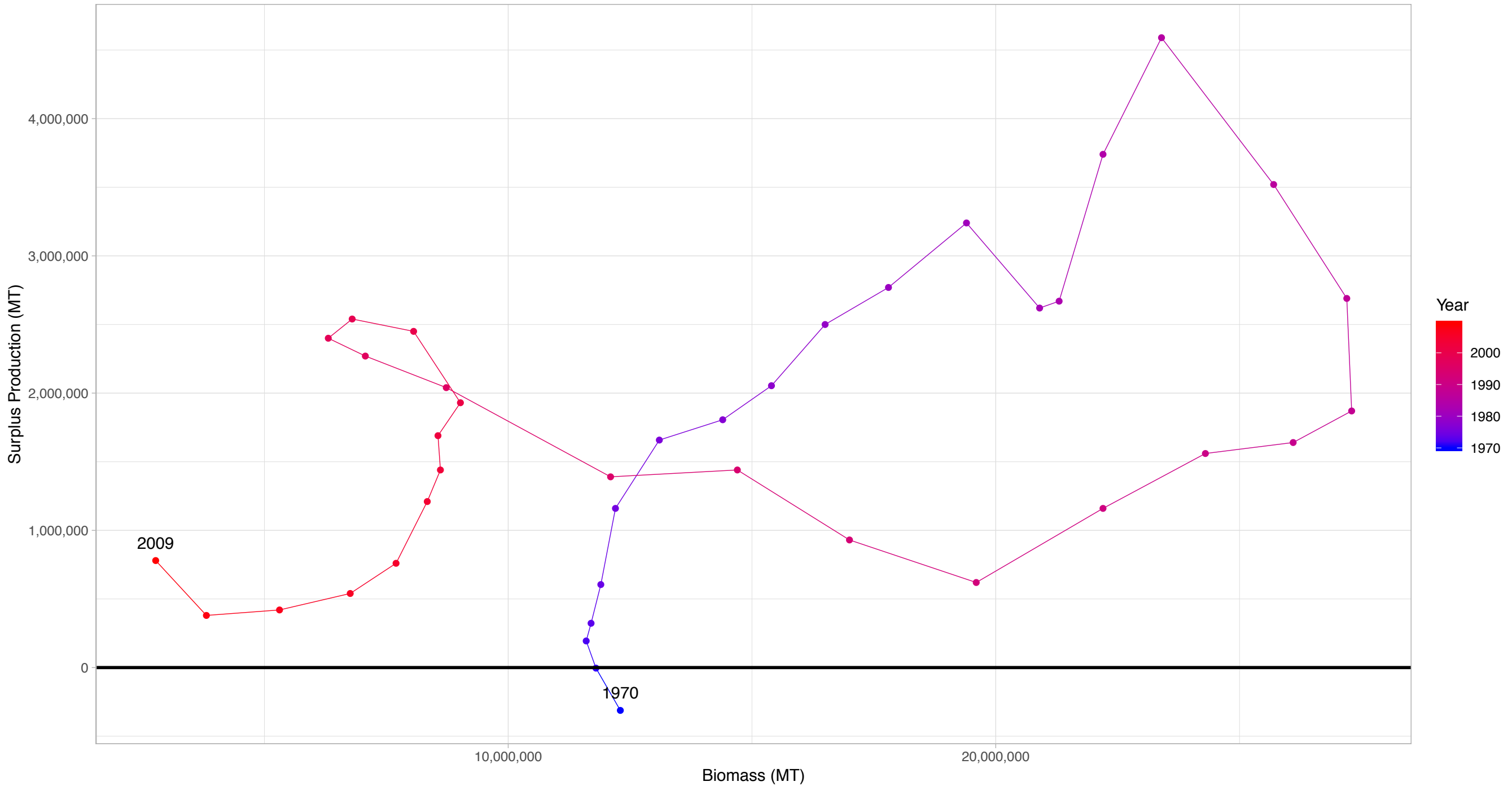


# Argentine anchoita Northern Argentina – South America Region

Stock represents 3.89% of average absolute surplus production

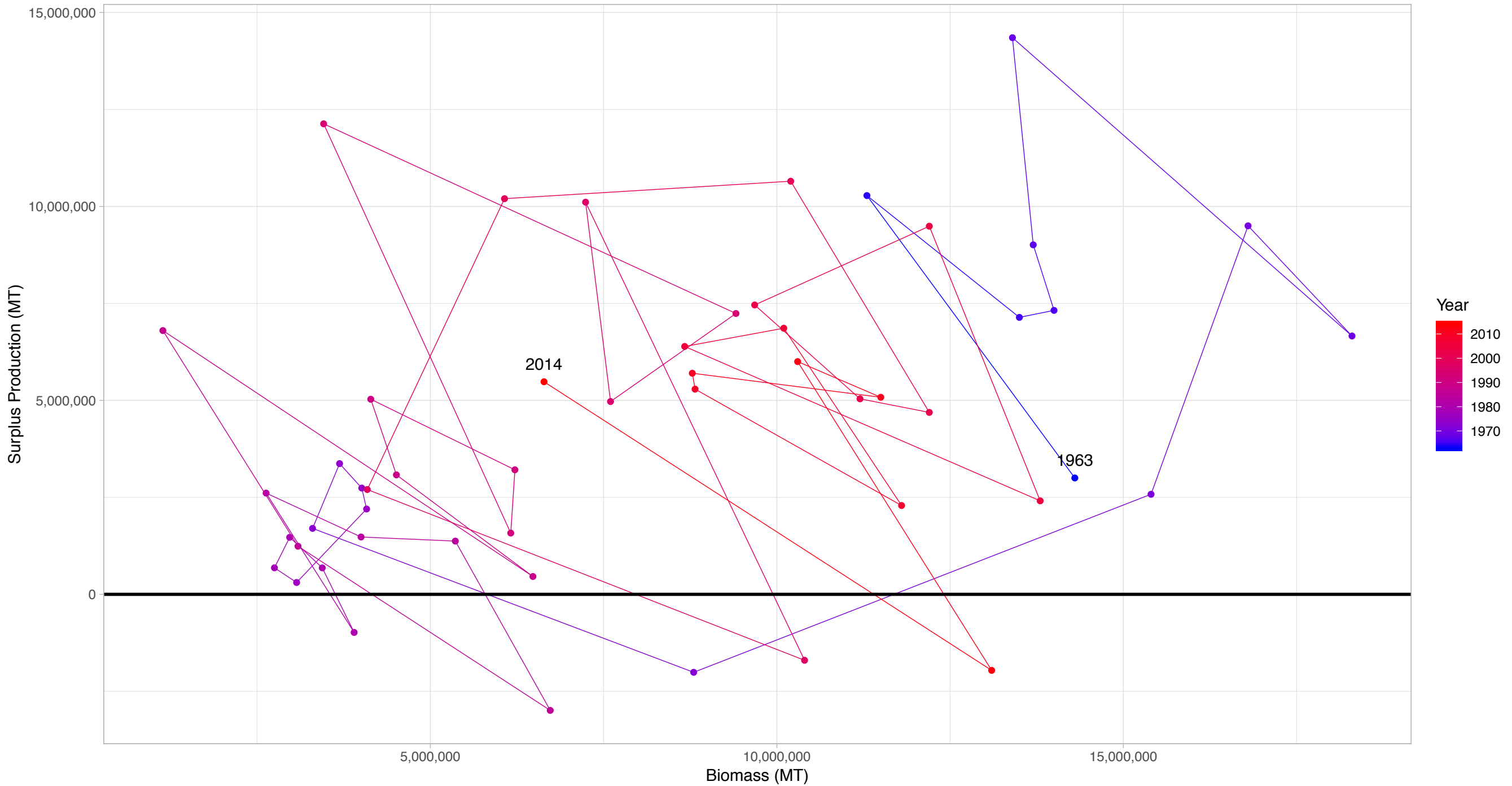


# Chilean jack mackerel Chilean EEZ and offshore in South America Region

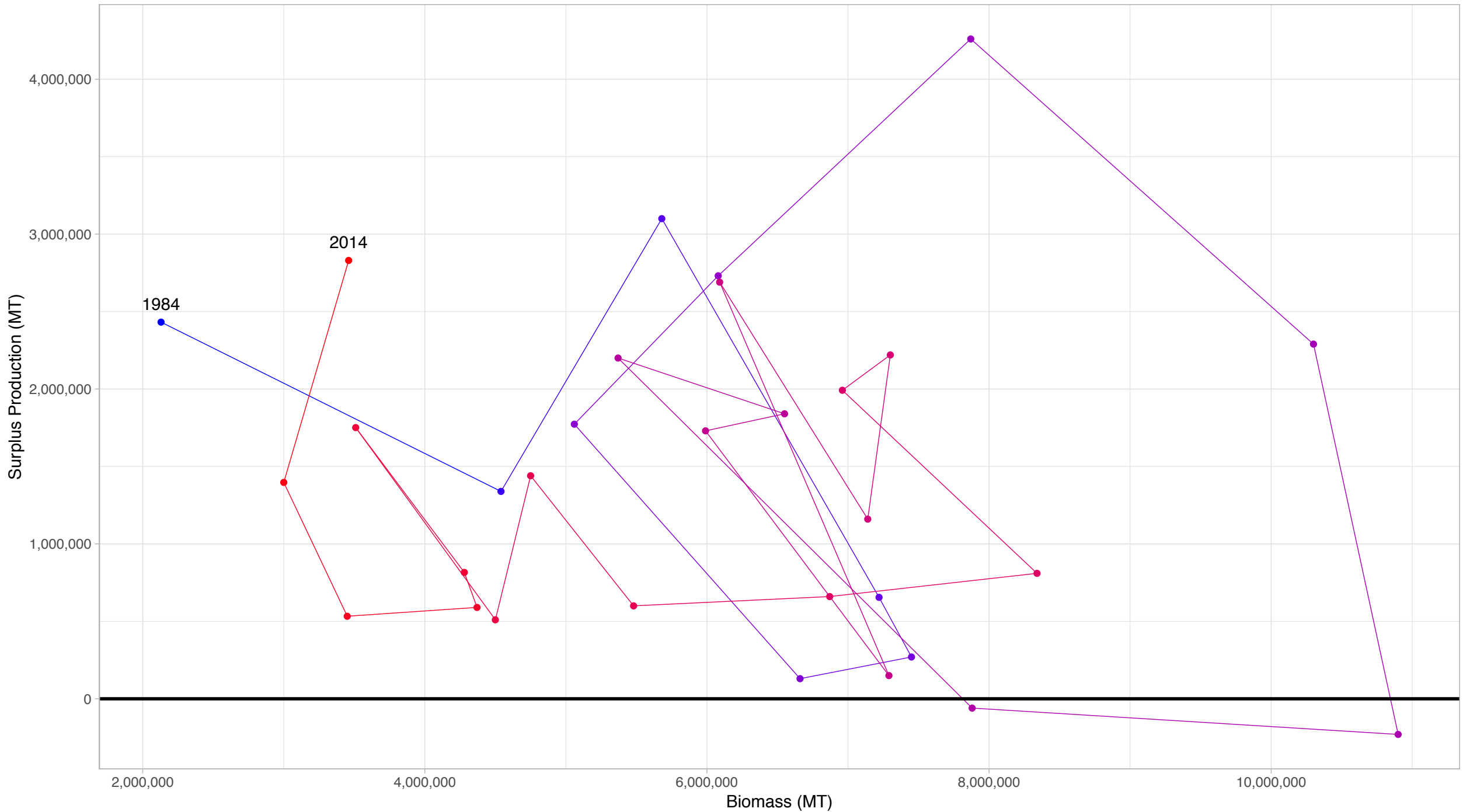


First and last years with recorded surplus production are labeled

# Peruvian anchoveta North-Central Peru in South America Region

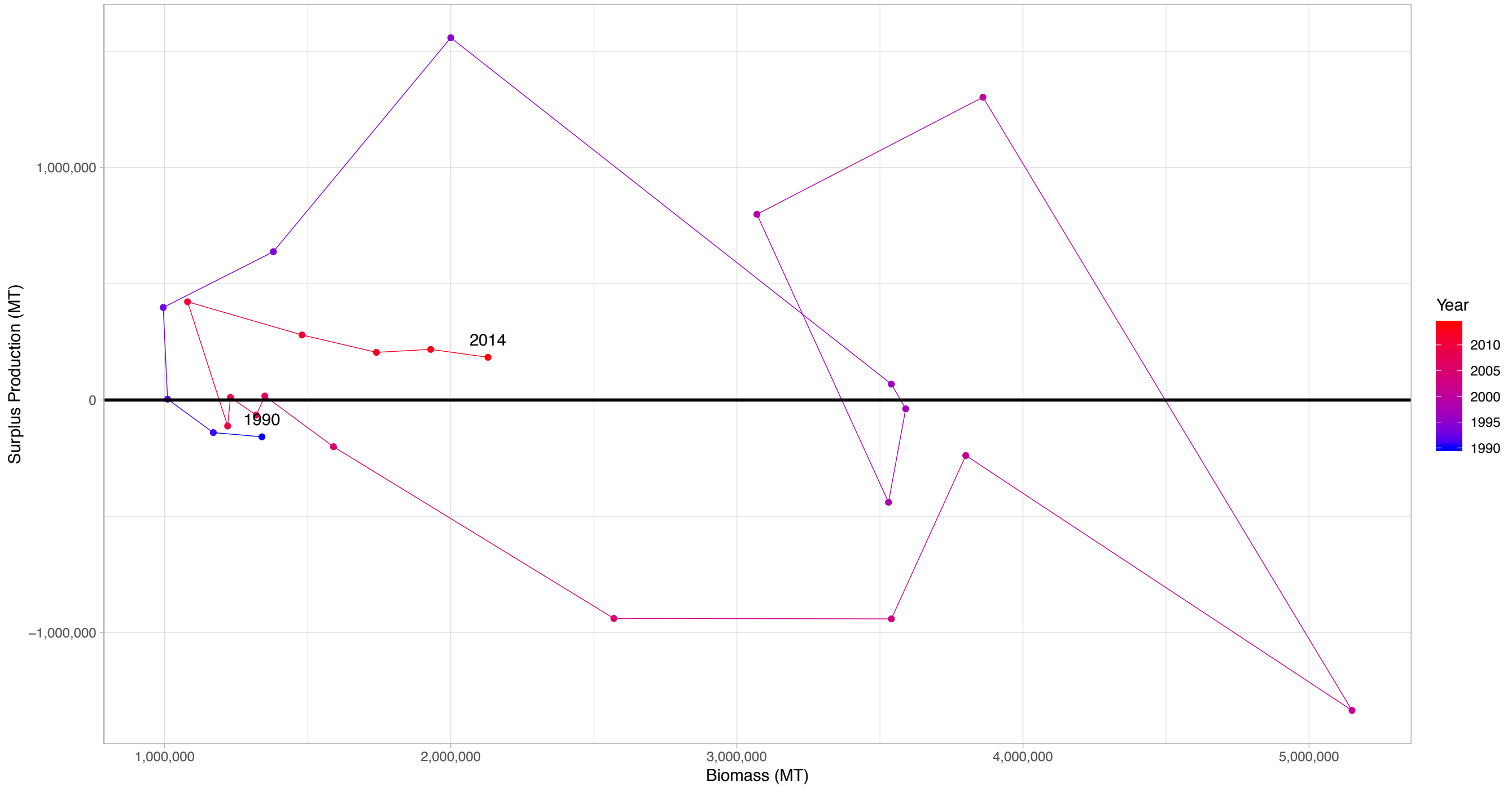


# Peruvian Anchoveta Northern Chile Southern Peru in South America Region



First and last years with recorded surplus production are labeled

# Argentine anchoita Northern Argentina in South America Region



First and last years with recorded surplus production are labeled