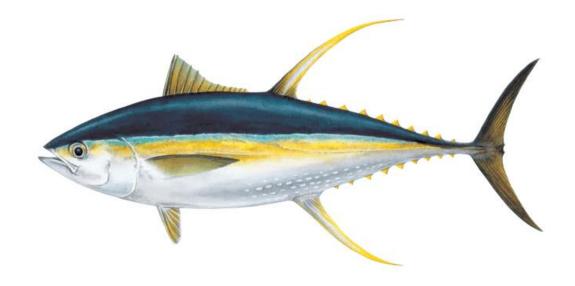


Conditional Age-at-Length Data Summary for Yellowfin Tuna

P10 – Arni Magnusson



Background



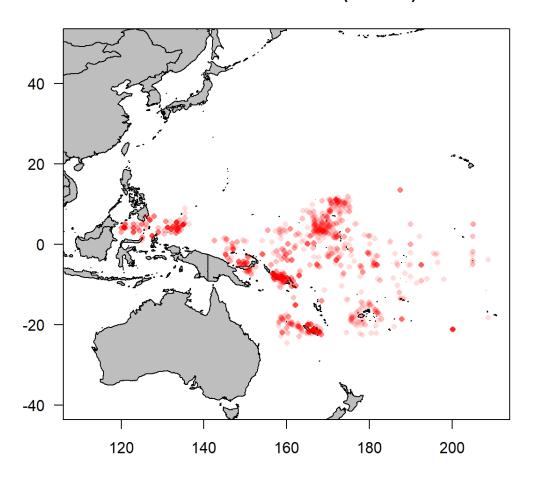
Conditional age-at-length otolith data were used in the YFT 2020 assessment

Otoliths provide information useful for estimating a growth curve, internal or external of the stock assessment model





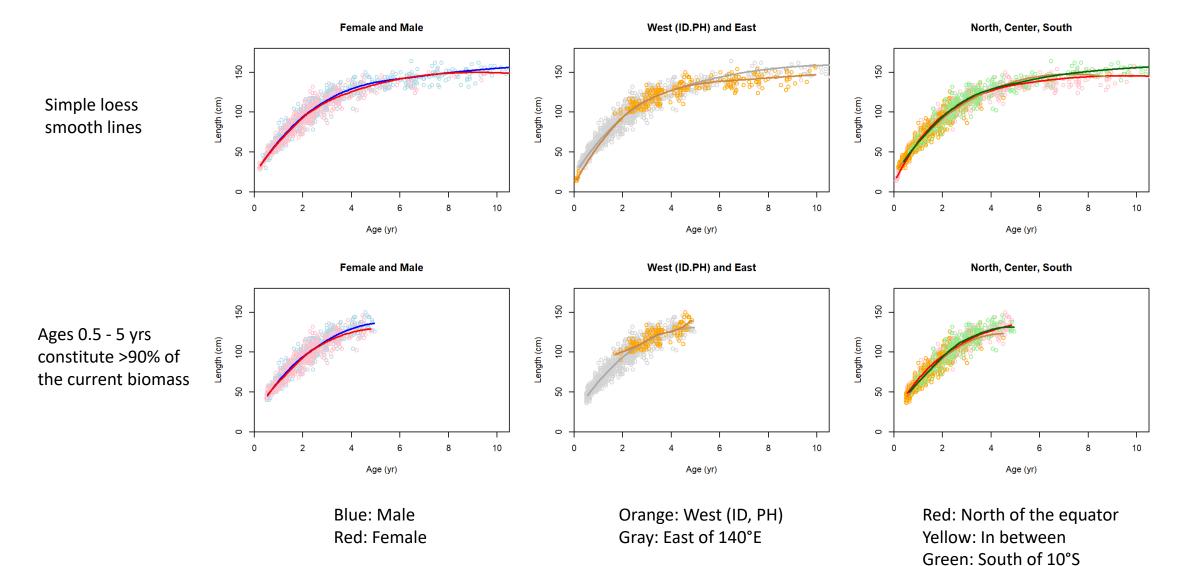
YFT otolith locations (n=1471)



Year	Count
2009	29
2010	155
2011	59
2012	1
2013	117
2014	364
2015	298
2016	168
2017	133
2018	147

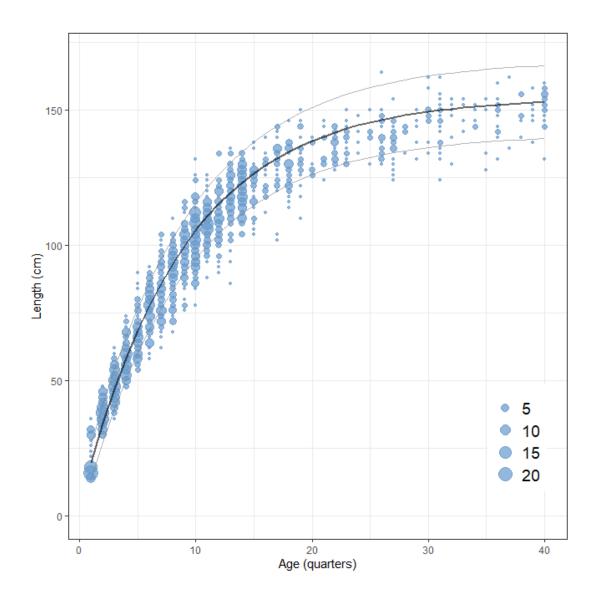
Exploratory Data Analysis





Growth Curve





Von Bertalanffy curve internally estimated in the YFT 2020 assessment