

Scott Raborn

From: Scott Raborn
Sent: Saturday, June 17, 2023 6:06 PM
To: Jordan Head
Cc: Michael Link
Subject: PMTF Stock Comp. Estimate #1—samples from June 14-16, 2023
Attachments: PM genetics inseason 6.14-16.2023.pdf

Everyone,

Attached is the 1st stock composition estimate from ADF&G and the BBSRI At-Sea Genetics Program for the 2023 Port Moller Test Fishery.

Stock Composition (Stations 2-22 from June 14-16):

Reporting Group	Stock	90%	
	Composition Estimate	Lower	Upper
North Peninsula	0.9%	0.0%	2.8%
Ugashik	1.0%	0.0%	6.5%
Egegik	34.7%	26.6%	42.6%
Naknek	6.5%	1.9%	12.1%
Alagnak	0.2%	0.0%	1.3%
Kvichak	0.7%	0.0%	3.6%
Nushagak	24.0%	15.9%	32.0%
Wood	16.5%	9.5%	24.5%
Igushik	14.2%	7.9%	21.1%
Togiak	0.5%	0.0%	2.3%
Kuskokwim	0.8%	0.0%	3.9%

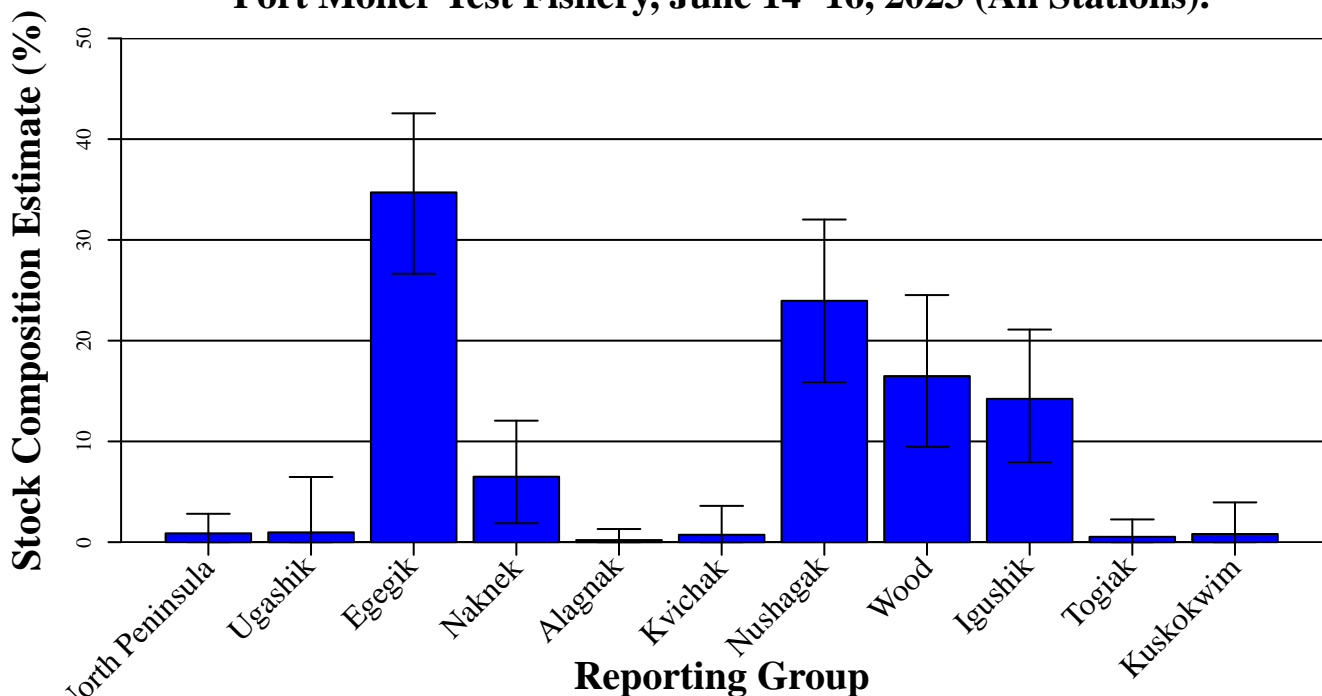
Bristol Bay Sockeye Salmon Fishery

Port Moller Sockeye Salmon Stock Composition Summary June 14–16, 2023 – All Stations

Genetic stock composition estimates for sockeye salmon from the Port Moller Test Fishery for June 14–16, 2023. A total of 237 fish were sampled and 190 were analyzed (181 had adequate data to include in the analysis).

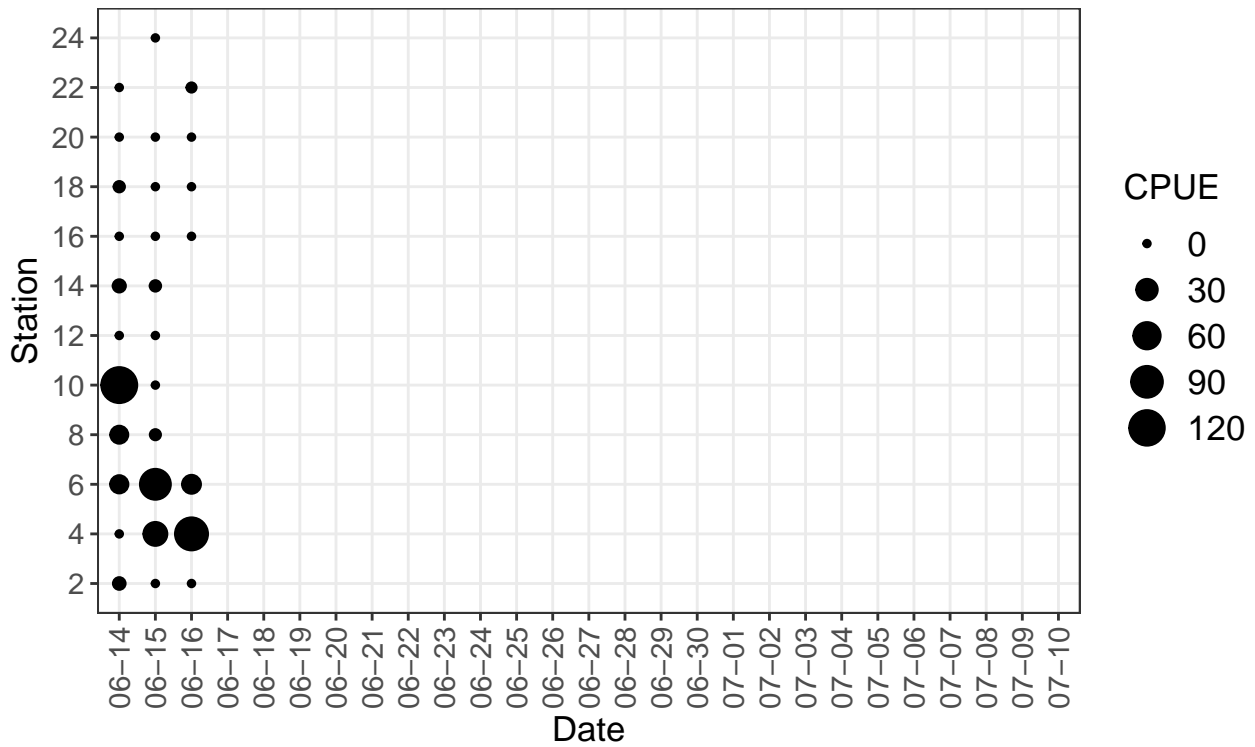
Reporting Group	Stock	90%	
	Composition Estimate	Lower	Upper
North Peninsula	0.9%	0.0%	2.8%
Ugashik	1.0%	0.0%	6.5%
Egegik	34.7%	26.6%	42.6%
Naknek	6.5%	1.9%	12.1%
Alagnak	0.2%	0.0%	1.3%
Kvichak	0.7%	0.0%	3.6%
Nushagak	24.0%	15.9%	32.0%
Wood	16.5%	9.5%	24.5%
Igushik	14.2%	7.9%	21.1%
Togiak	0.5%	0.0%	2.3%
Kuskokwim	0.8%	0.0%	3.9%

Genetic Stock Composition Estimates for Sockeye Salmon Captured in the Port Moller Test Fishery, June 14–16, 2023 (All Stations).

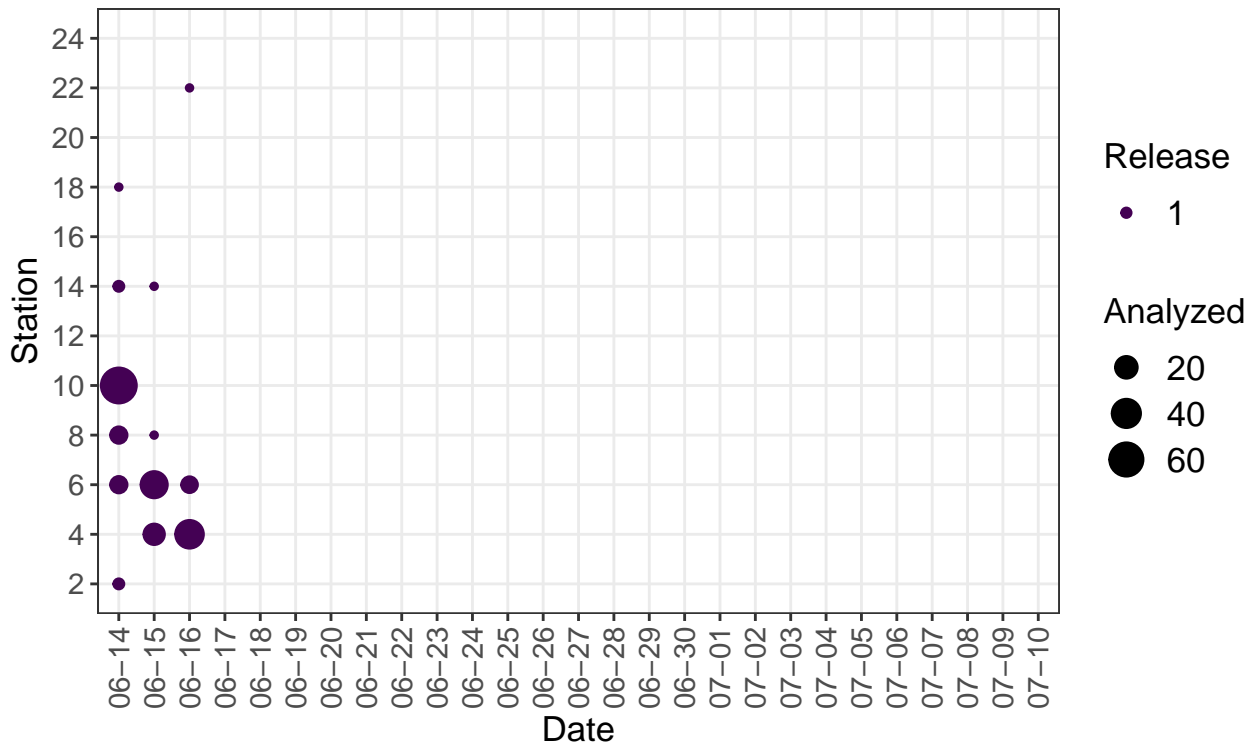


The genetic analysis was completed by the Alaska Department of Fish and Game, Division of Commercial Fisheries, Gene Conservation Laboratory.

**Port Moller Test Fishery 2023
Catch Per Unit of Effort by Date and Station**

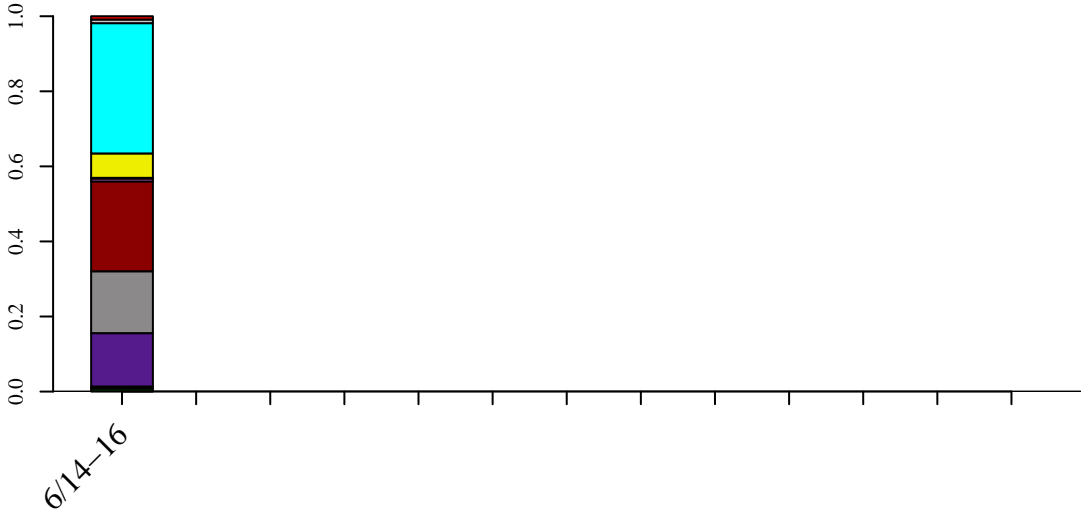


Number of Genetic Samples Analyzed by Date, Station, and Estimate Release Number

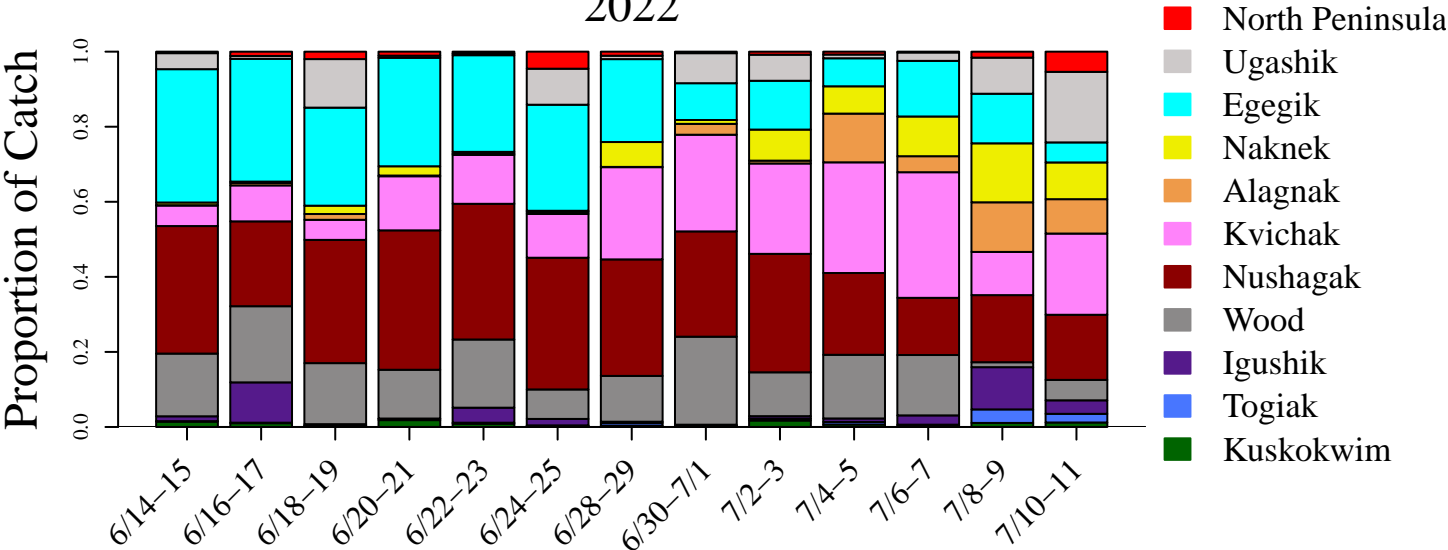


Historical Comparison of Stock Composition Estimates

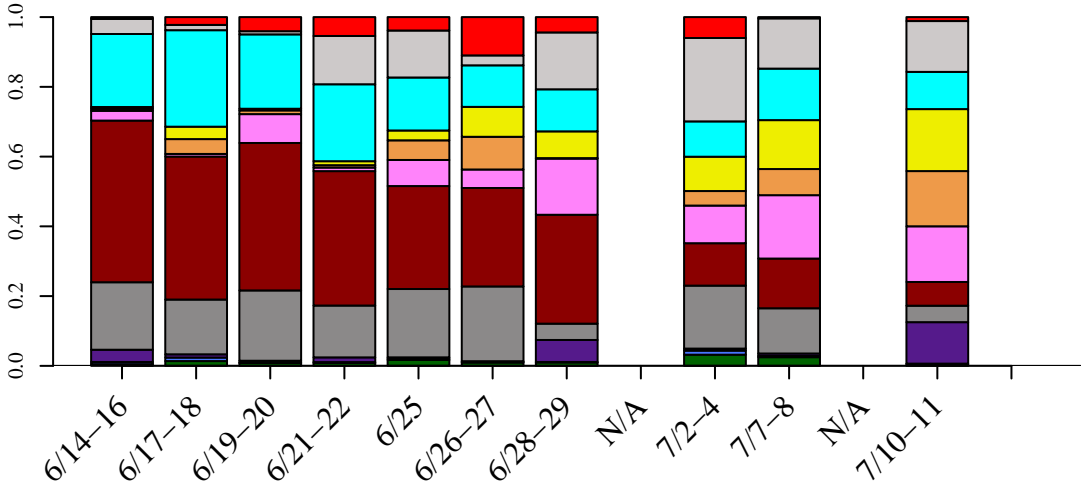
2023



2022



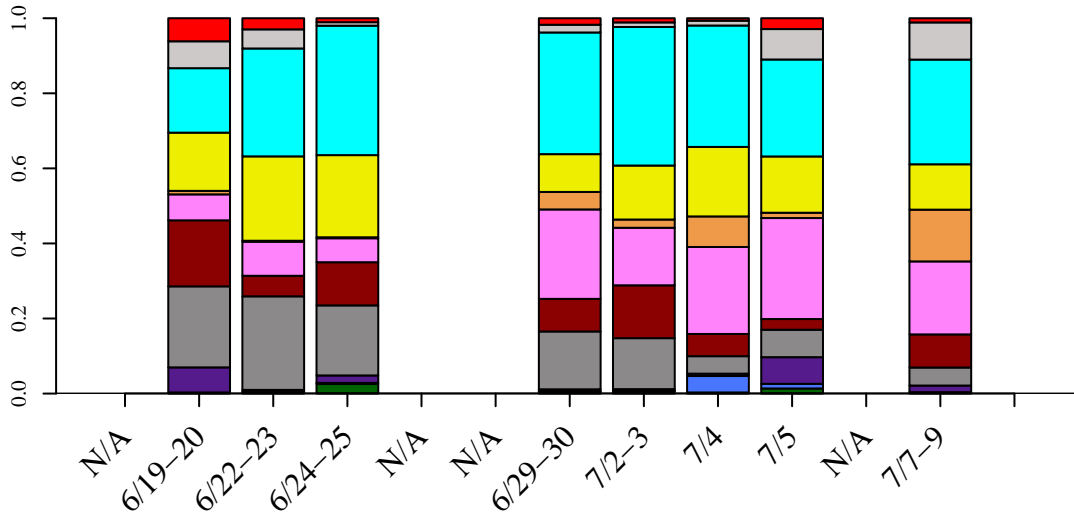
2021



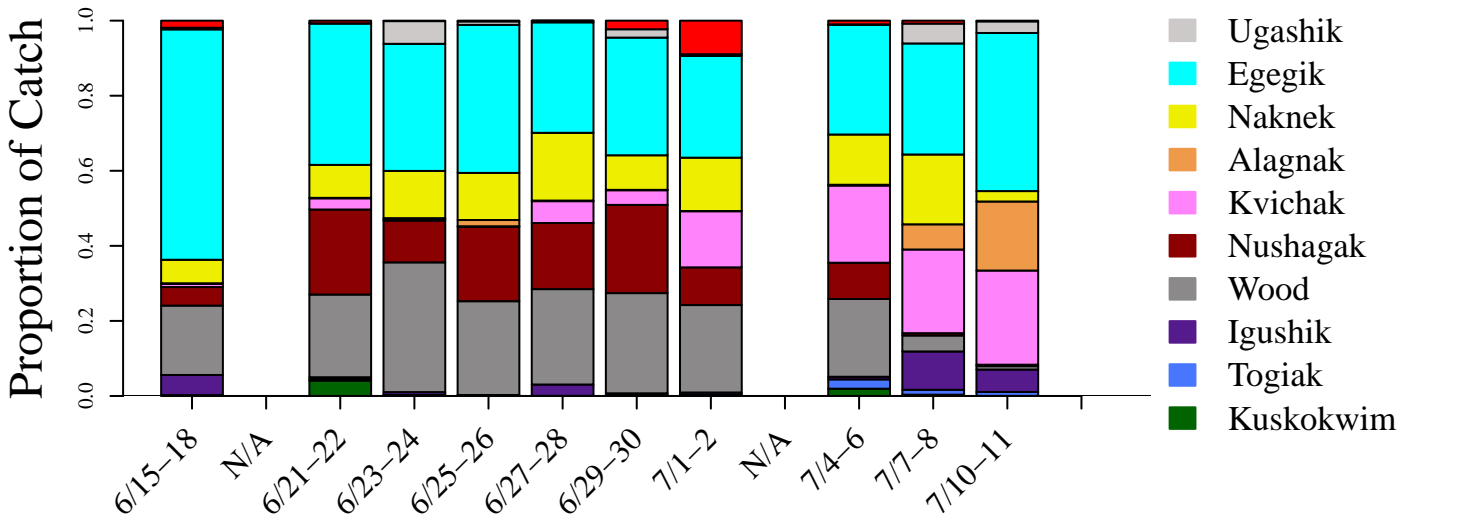
Date

Historical Comparison of Stock Composition Estimates

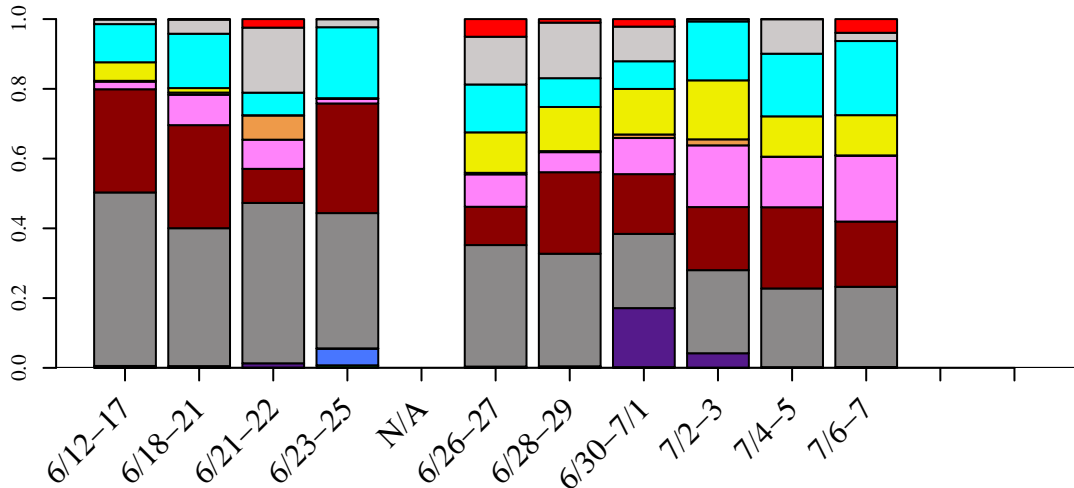
2020



2019



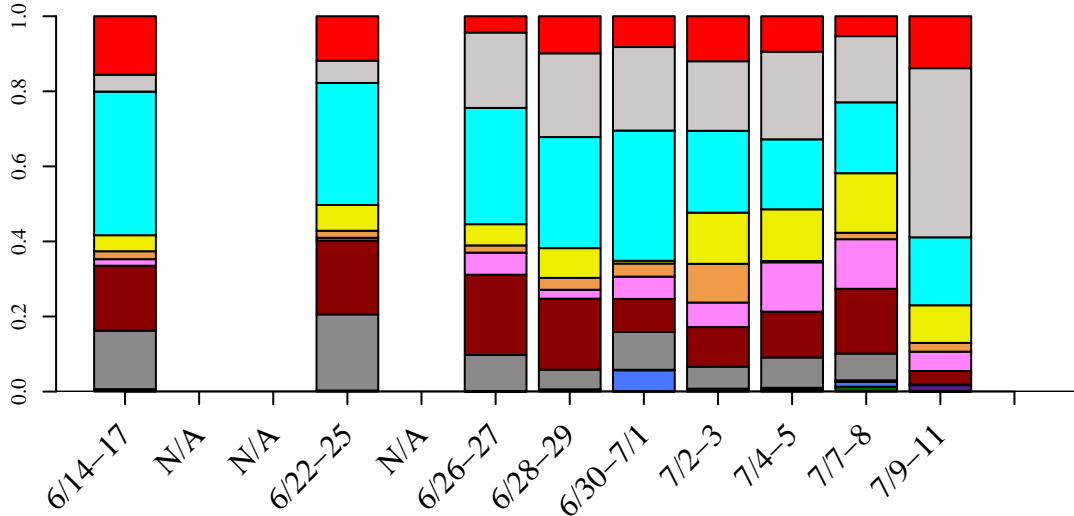
2018



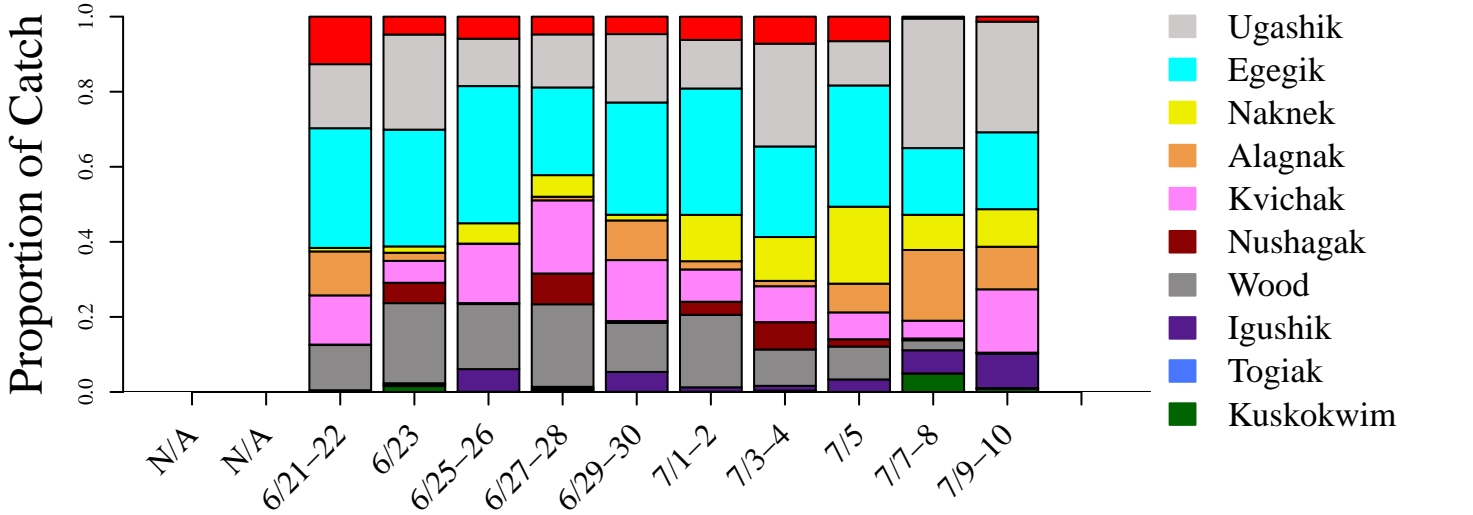
Date

Historical Comparison of Stock Composition Estimates

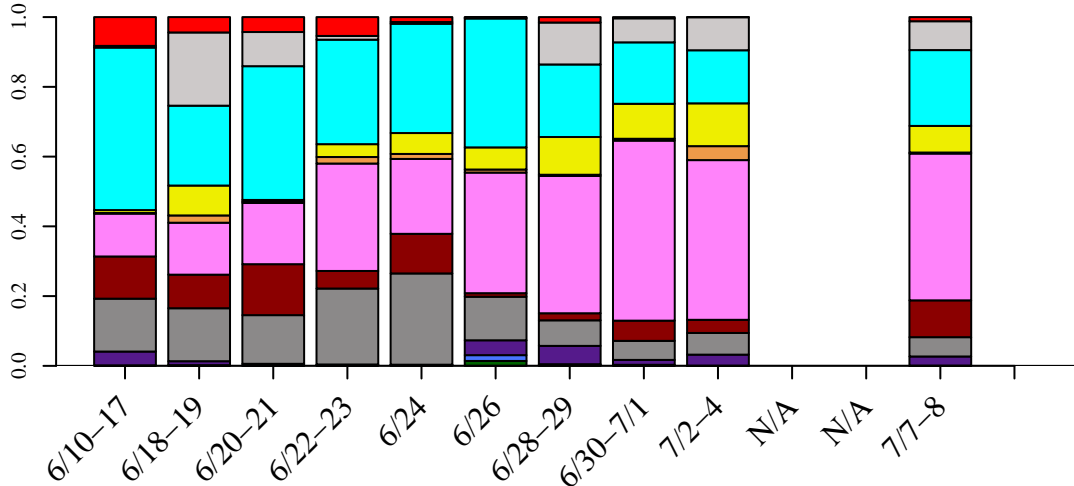
2017



2016



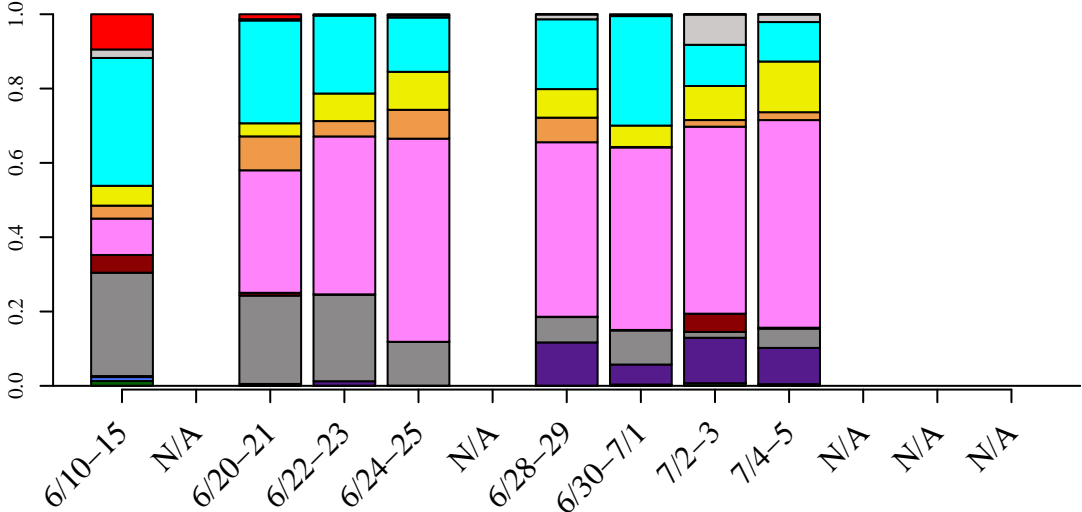
2015



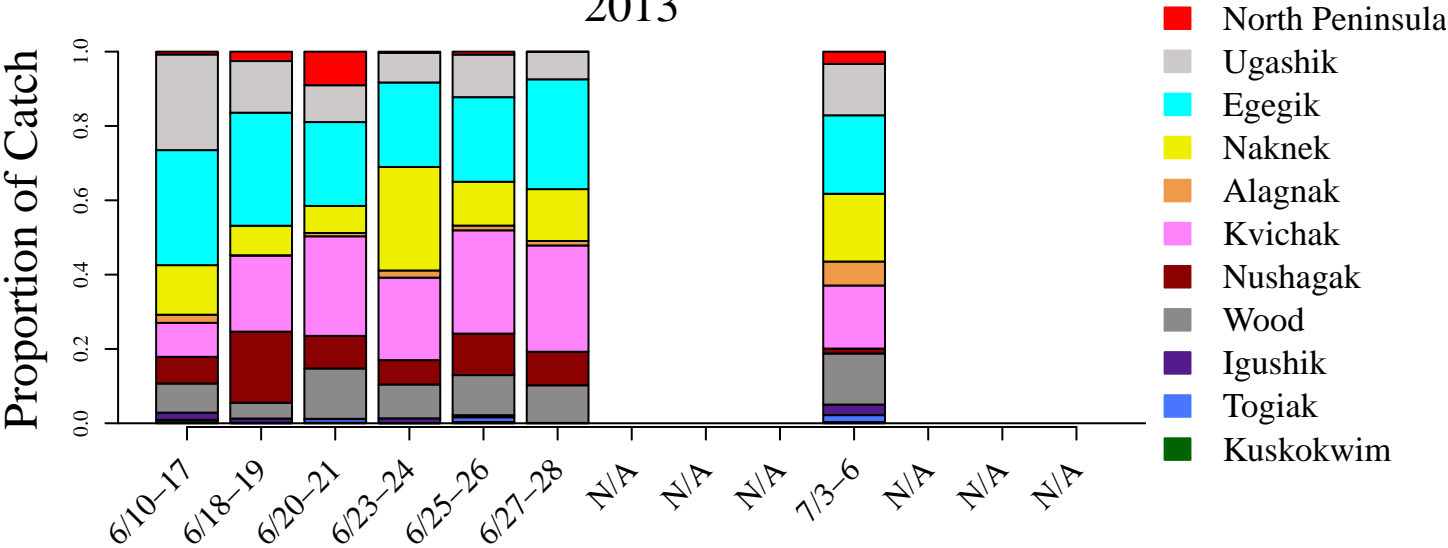
Date

Historical Comparison of Stock Composition Estimates

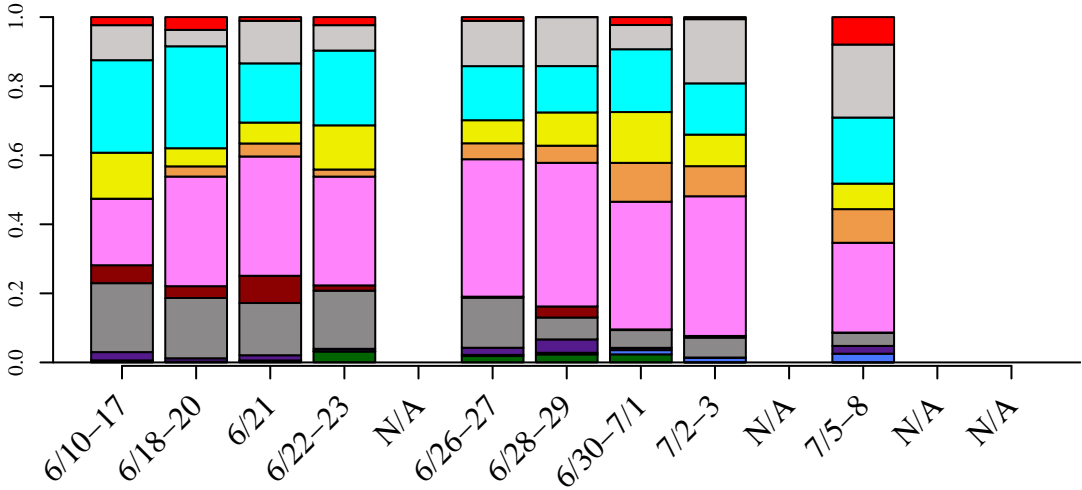
2014



2013



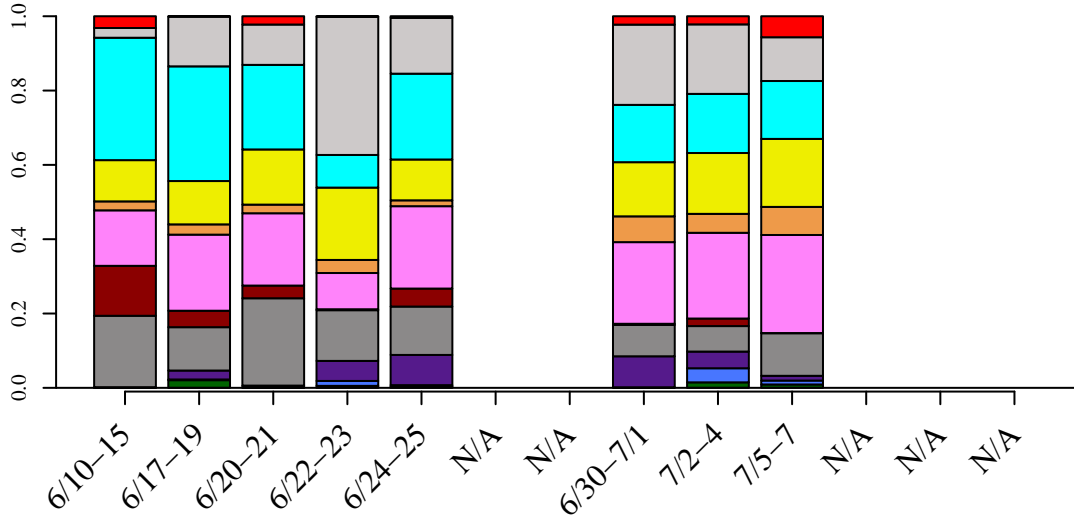
2012



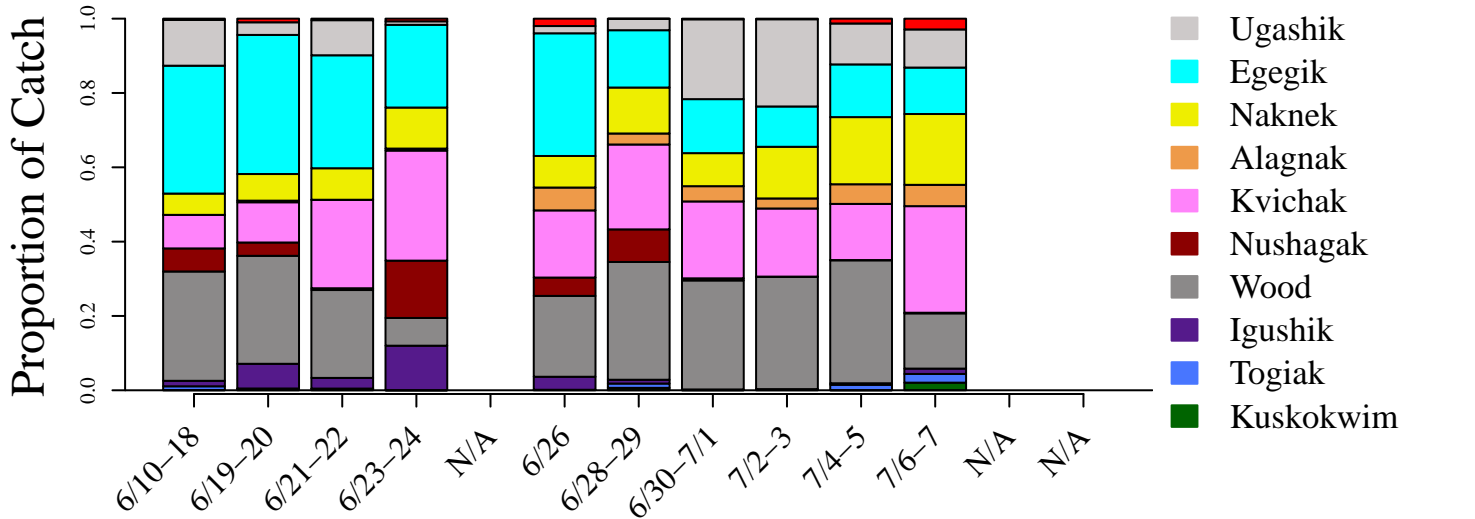
Date

Historical Comparison of Stock Composition Estimates

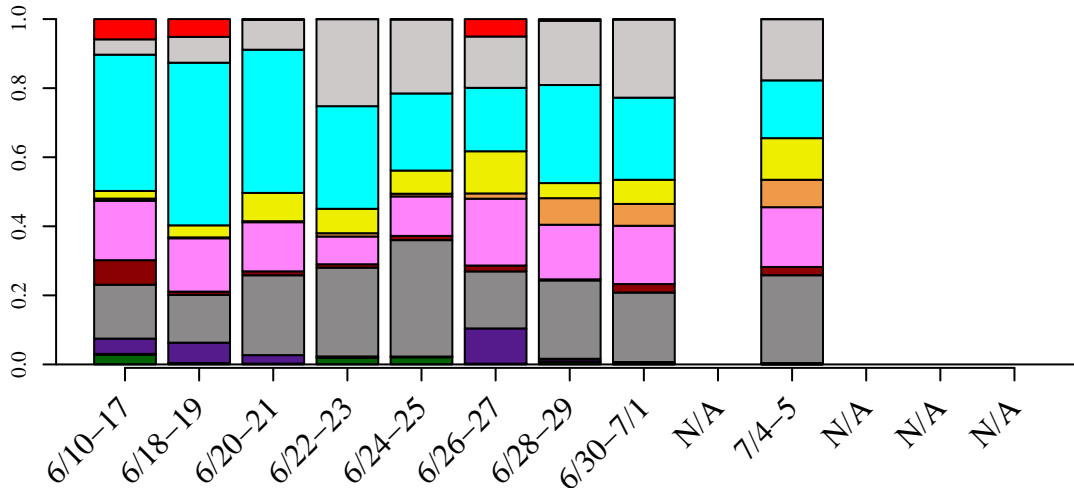
2011



2010



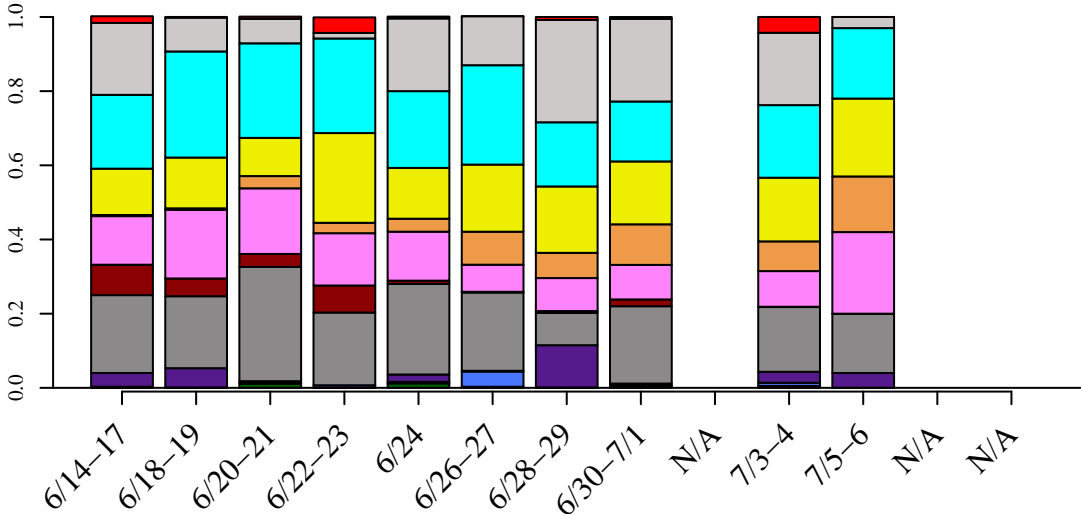
2009



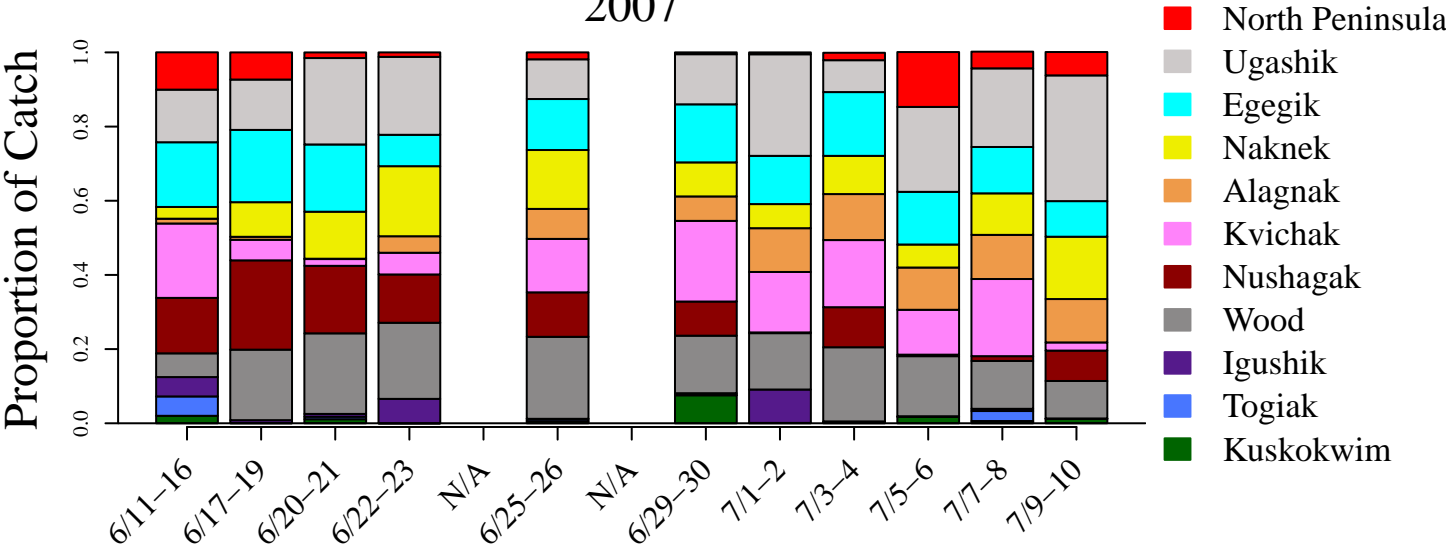
Date

Historical Comparison of Stock Composition Estimates

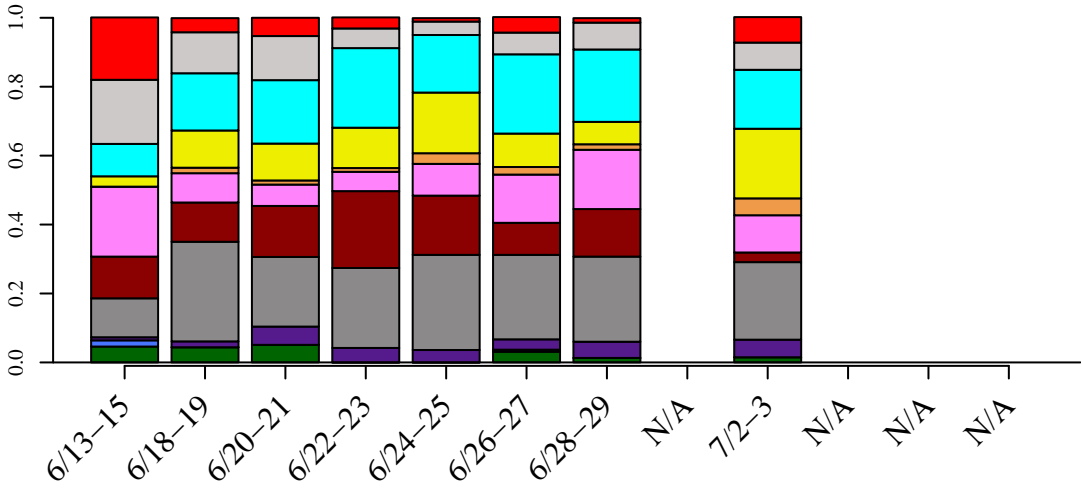
2008



2007



2006



Date