

From: [Scott Raborn](#)
To: [Michael Link](#)
Cc: [Scott Raborn](#)
Subject: PMTF Stock Comp. Estimate #7—samples from June 28-29, 2022
Date: Friday, July 1, 2022 9:43:26 AM
Attachments: [PM genetics inseason 6.28-29.2022.pdf](#)
[PMTF DailyIndex_ByDistrict.pdf](#)

Everyone,

Attached is the 7th stock composition estimate from ADF&G and BBSRI At-Sea Genetics Program for the 2022 Port Moller Test Fishery.

Also attached is a figure showing these results weighted by the magnitude of the indices they represent along with catch plus escapement (C+E).

Stock Composition (Stations 2-22 from June 24-25):

Reporting Group	Stock	90%	
	Composition Estimate	Lower	Upper
North Peninsula	1.1%	0.0%	4.6%
Ugashik	0.9%	0.0%	5.8%
Egegik	22.1%	14.0%	30.2%
Naknek	6.6%	0.6%	12.6%
Alagnak	0.1%	0.0%	0.2%
Kvichak	24.6%	17.4%	32.2%
Nushagak	31.0%	23.6%	38.6%
Wood	12.2%	6.5%	18.7%
Igushik	0.3%	0.0%	2.2%
Togiak	0.7%	0.0%	2.5%
Kuskokwim	0.4%	0.0%	2.1%

Scott and Michael

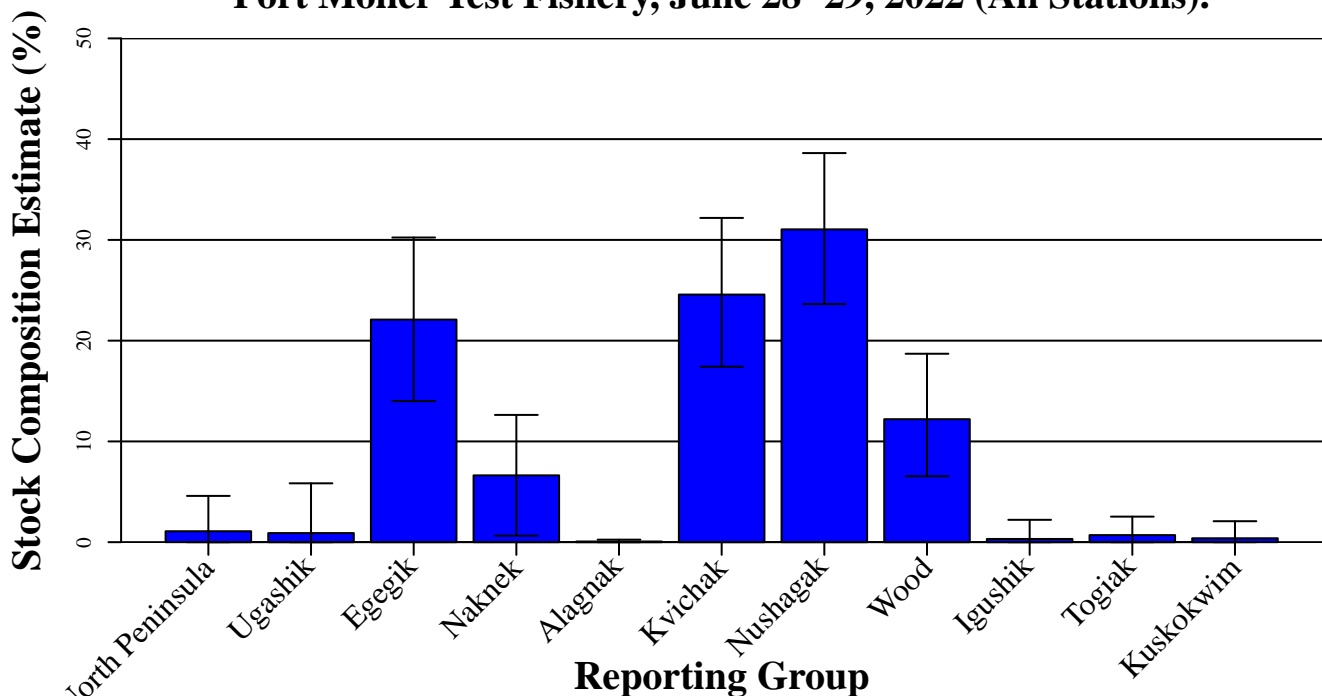
Bristol Bay Sockeye Salmon Fishery

Port Moller Sockeye Salmon Stock Composition Summary June 28–29, 2022 – All Stations

Genetic stock composition estimates for sockeye salmon from the Port Moller Test Fishery for June 28–29, 2022. A total of 187 fish were sampled and 187 were analyzed (186 had adequate data to include in the analysis).

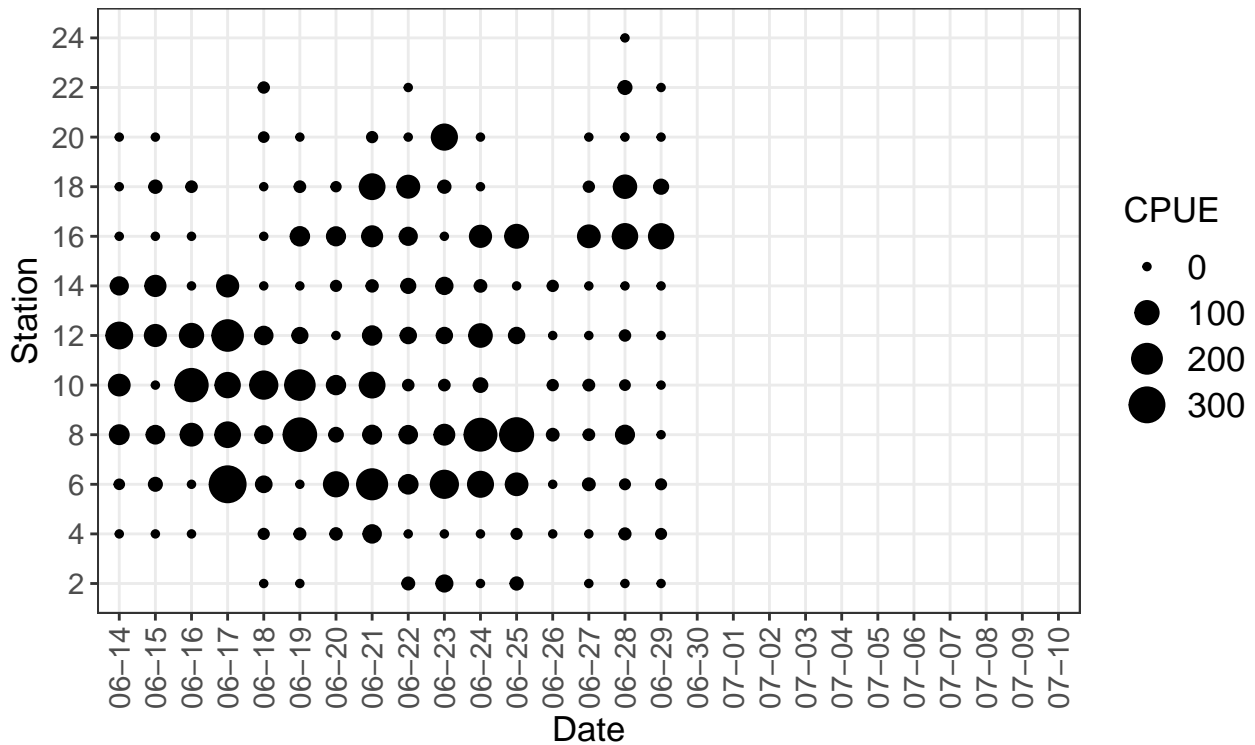
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Genetic Stock Composition Estimates for Sockeye Salmon Captured in the Port Moller Test Fishery, June 28–29, 2022 (All Stations).

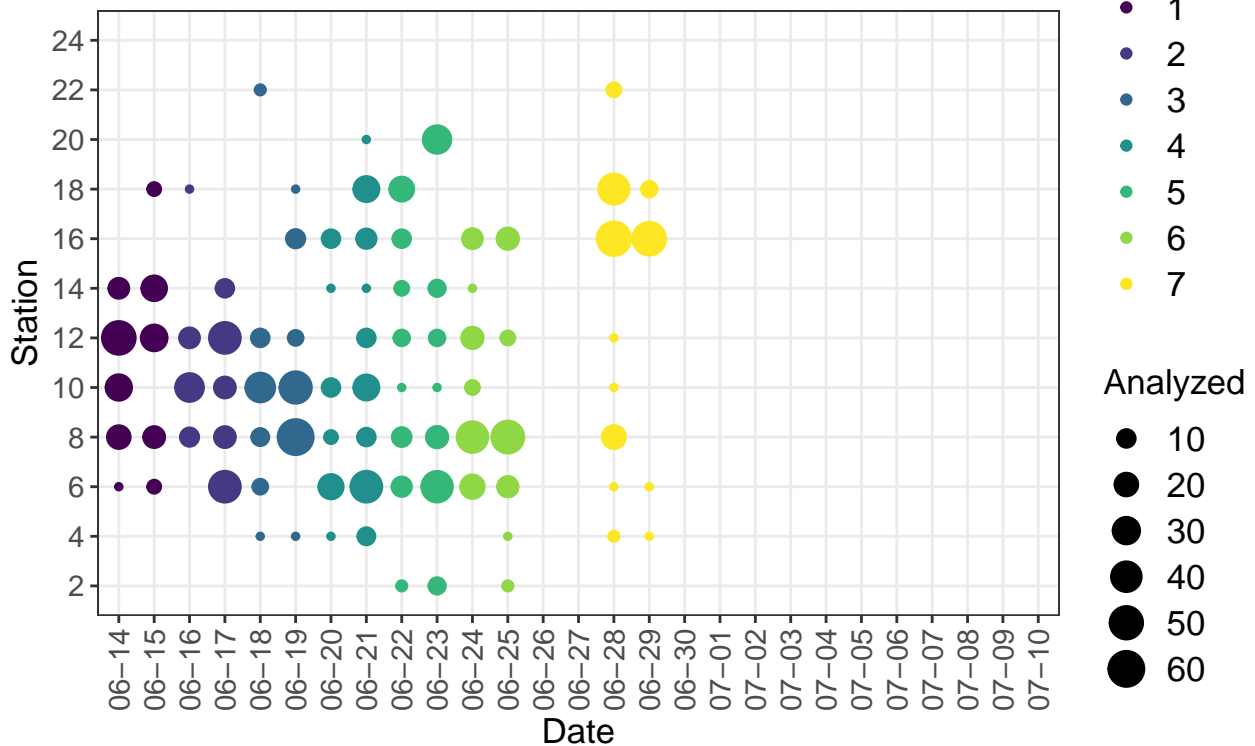


The genetic analysis was completed by the Alaska Department of Fish and Game, Division of Commercial Fisheries, Gene Conservation Laboratory.

Port Moller Test Fishery 2022 Catch Per Unit of Effort by Date and Station

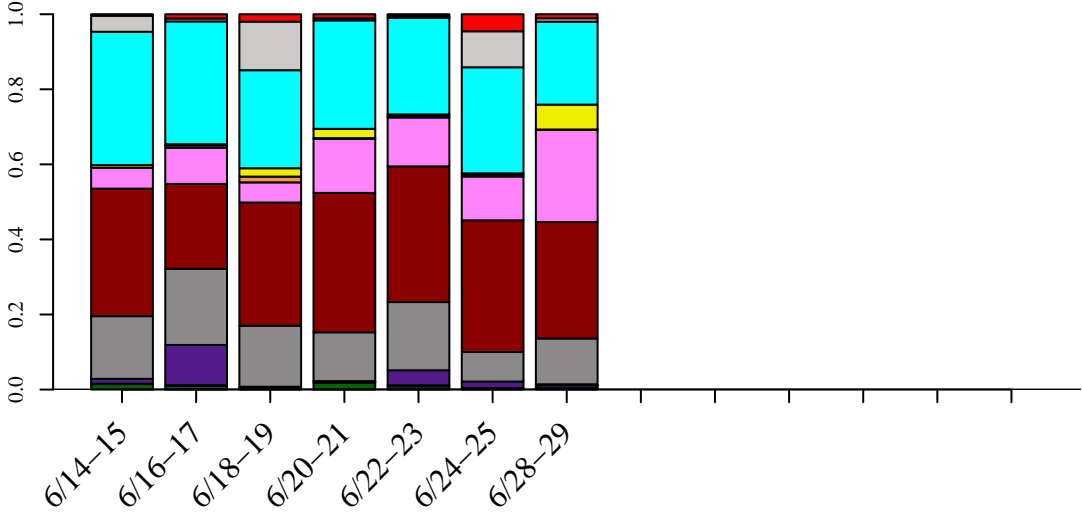


Number of Genetic Samples Analyzed by Date, Station, and Estimate Release Number

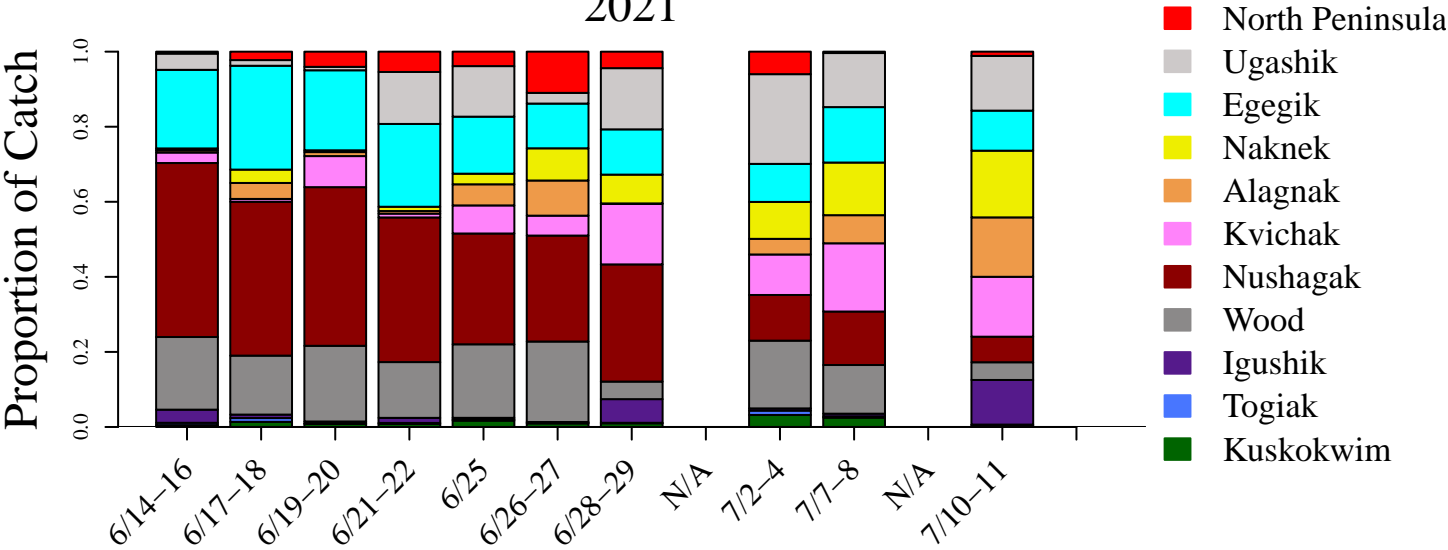


Historical Comparison of Stock Composition Estimates

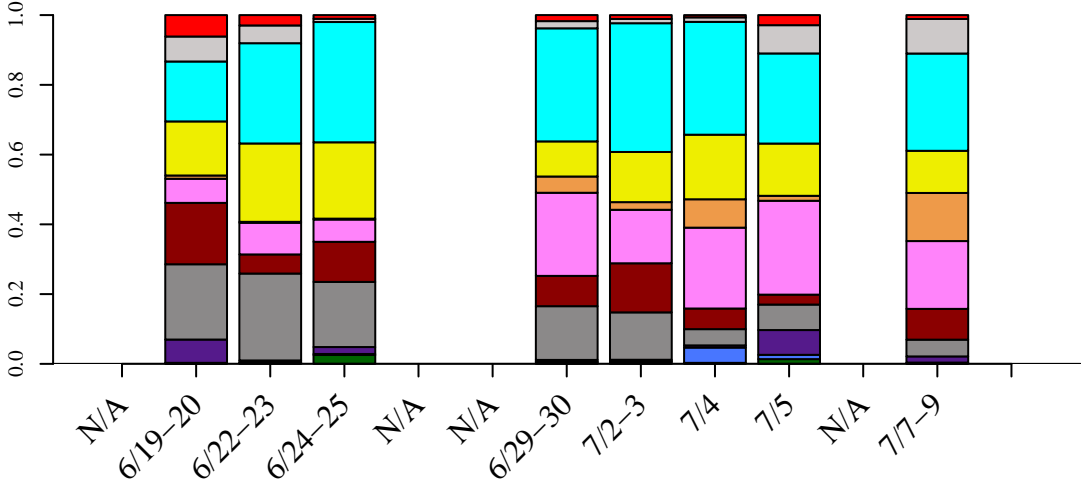
2022



2021



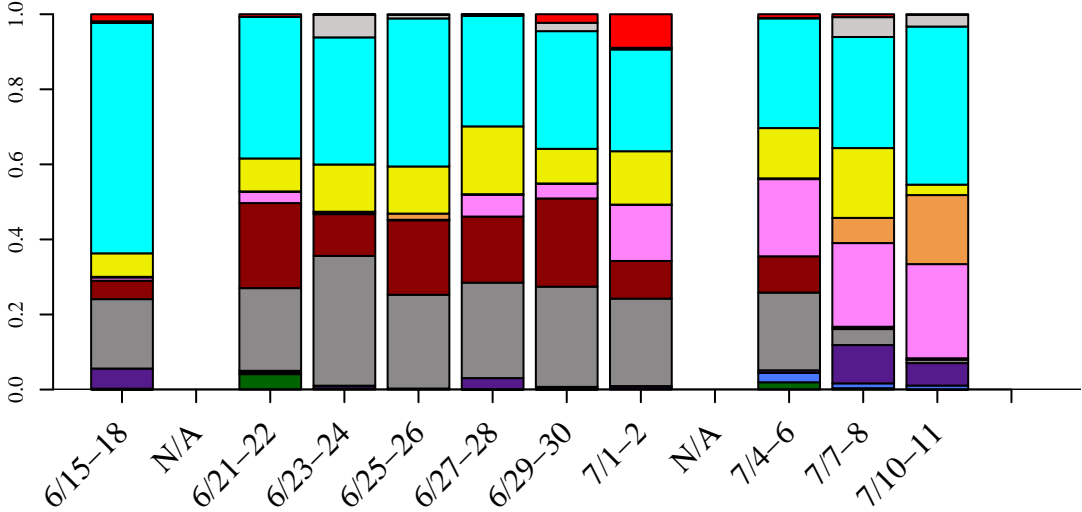
2020



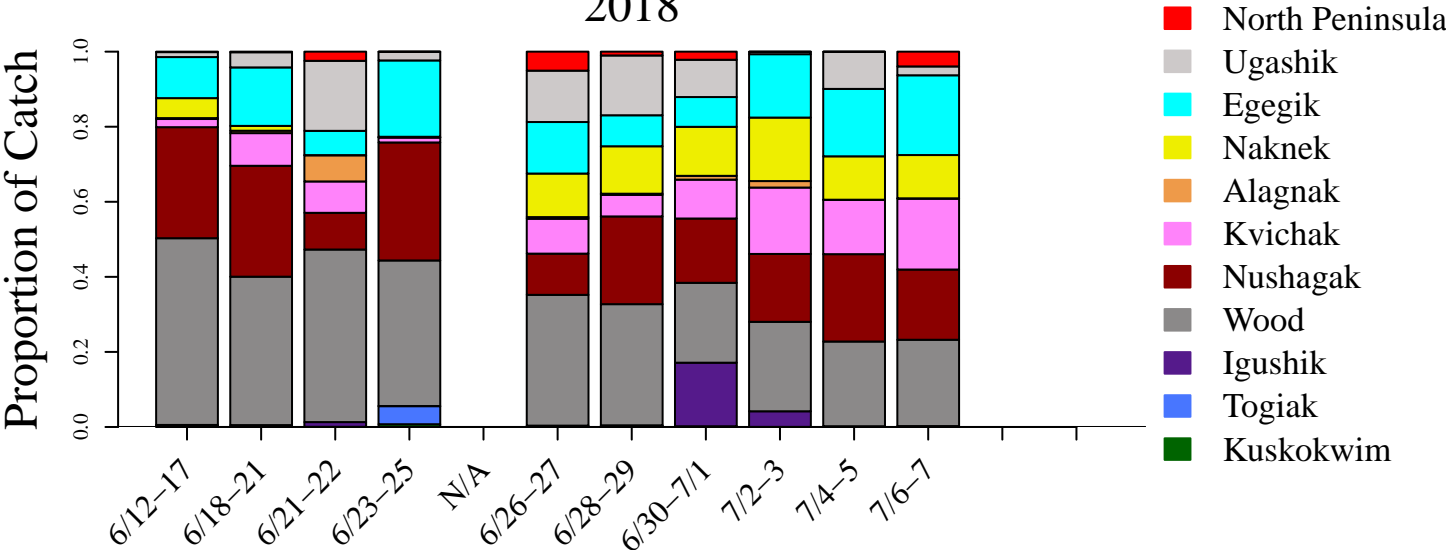
Date

Historical Comparison of Stock Composition Estimates

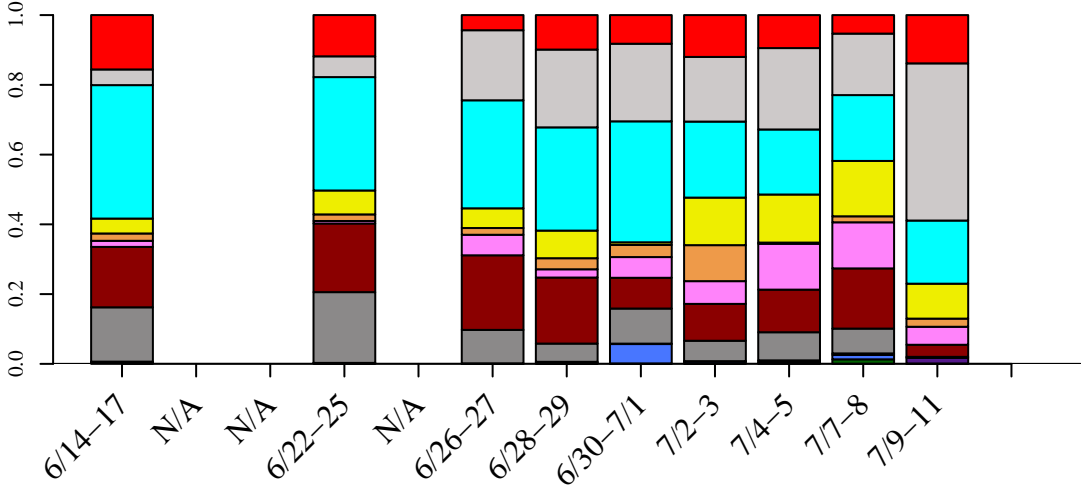
2019



2018



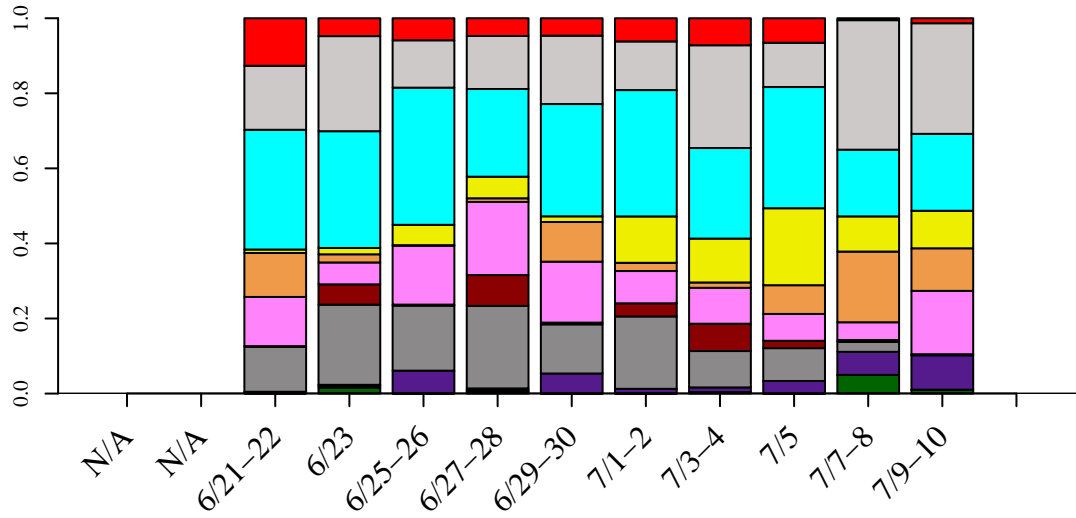
2017



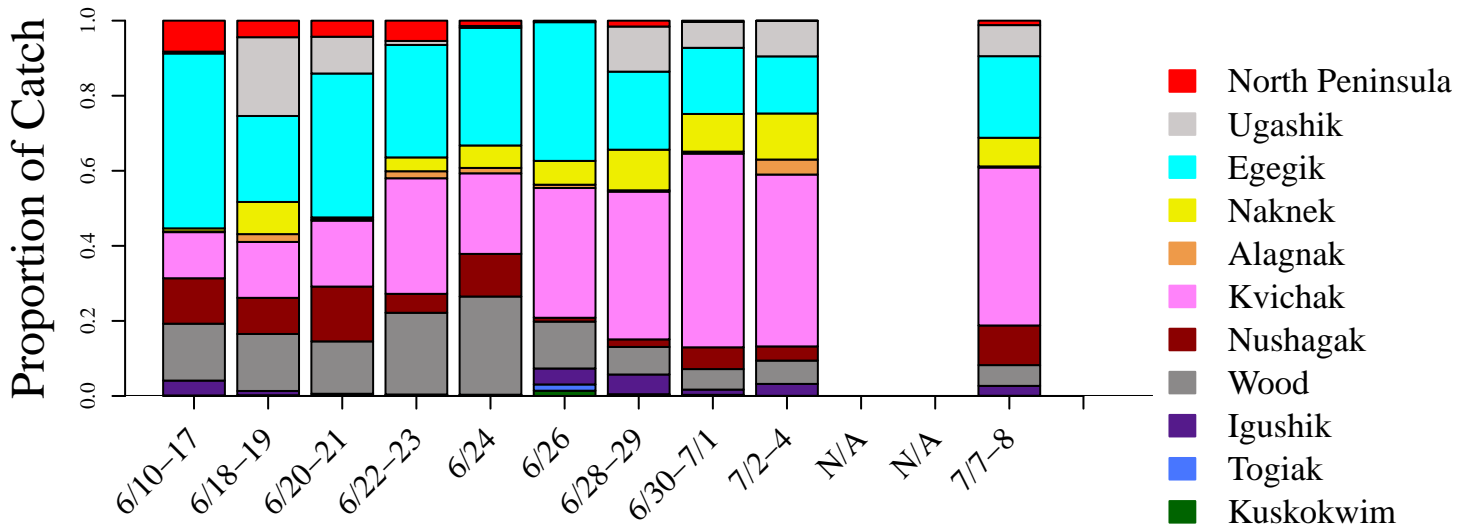
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Historical Comparison of Stock Composition Estimates

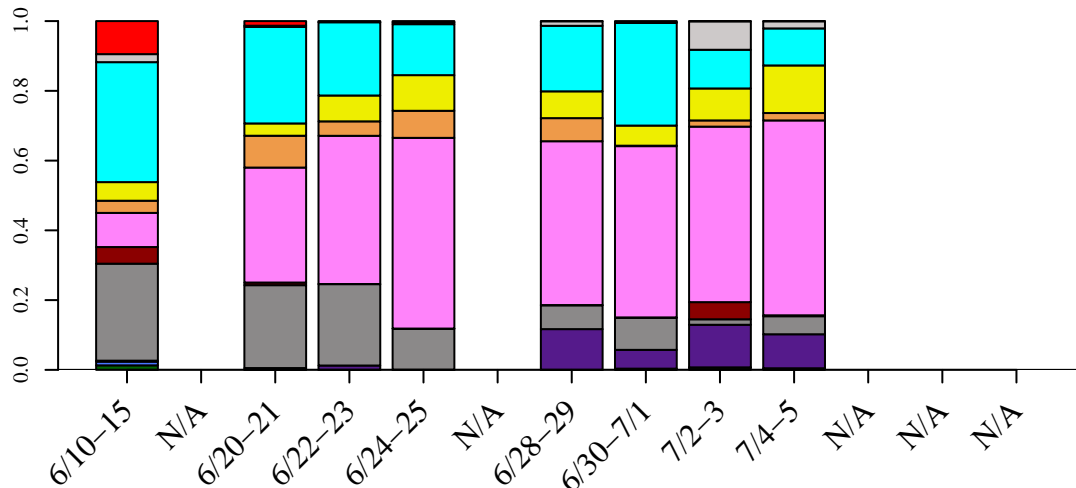
2016



2015



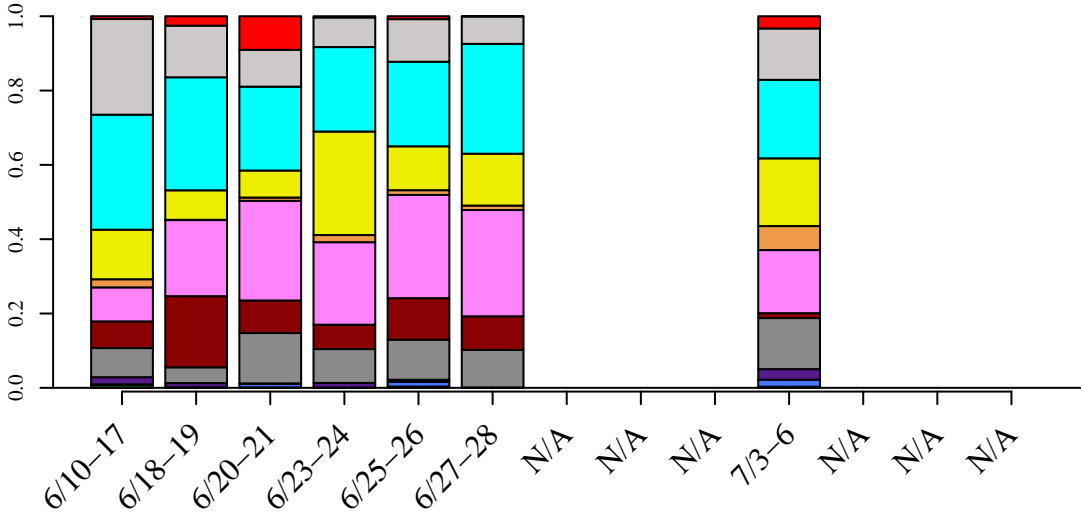
2014



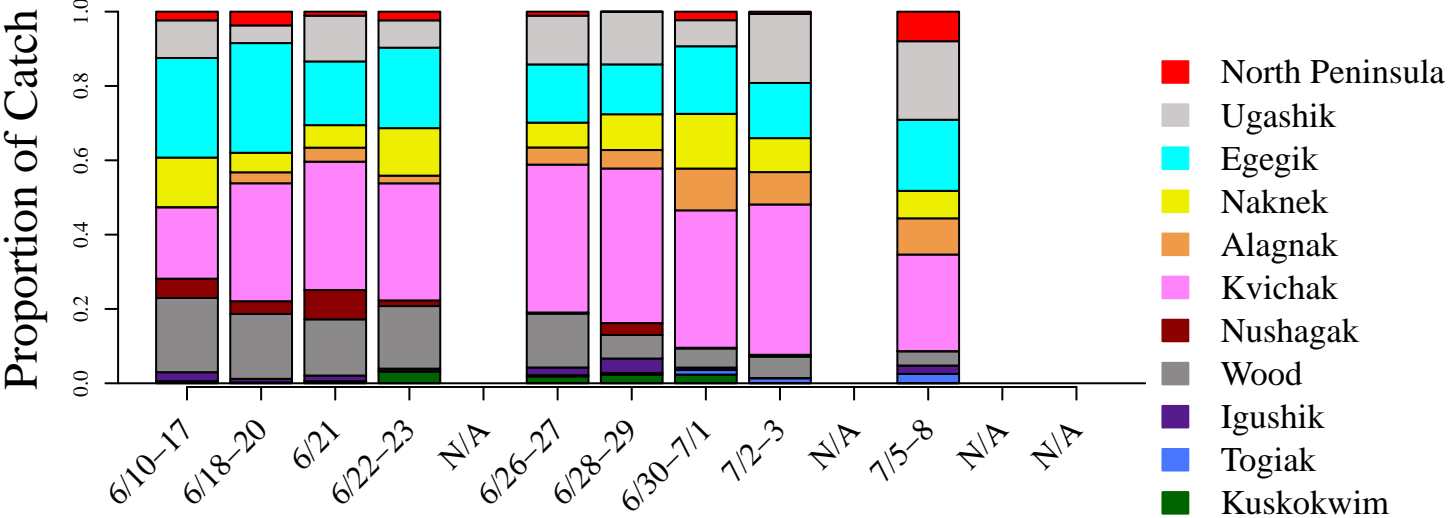
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Historical Comparison of Stock Composition Estimates

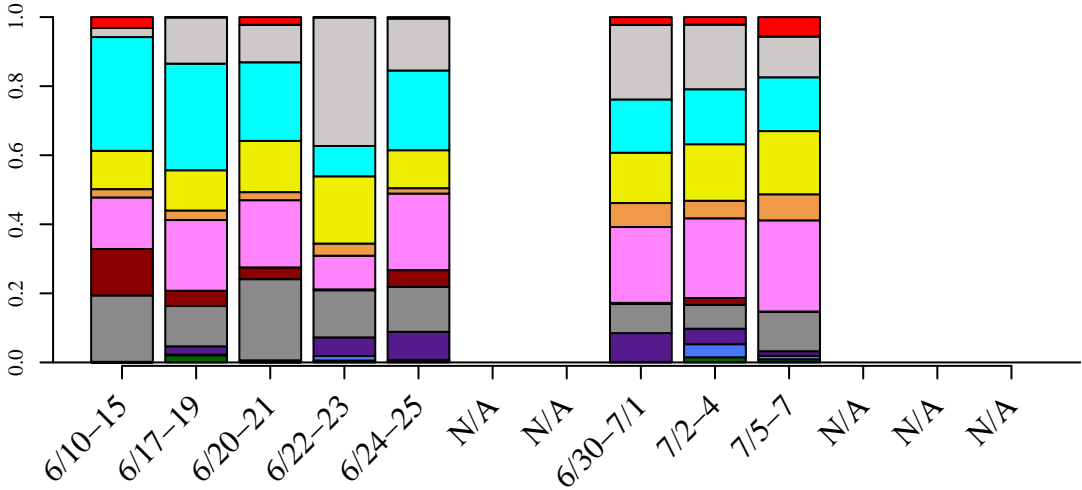
2013



2012



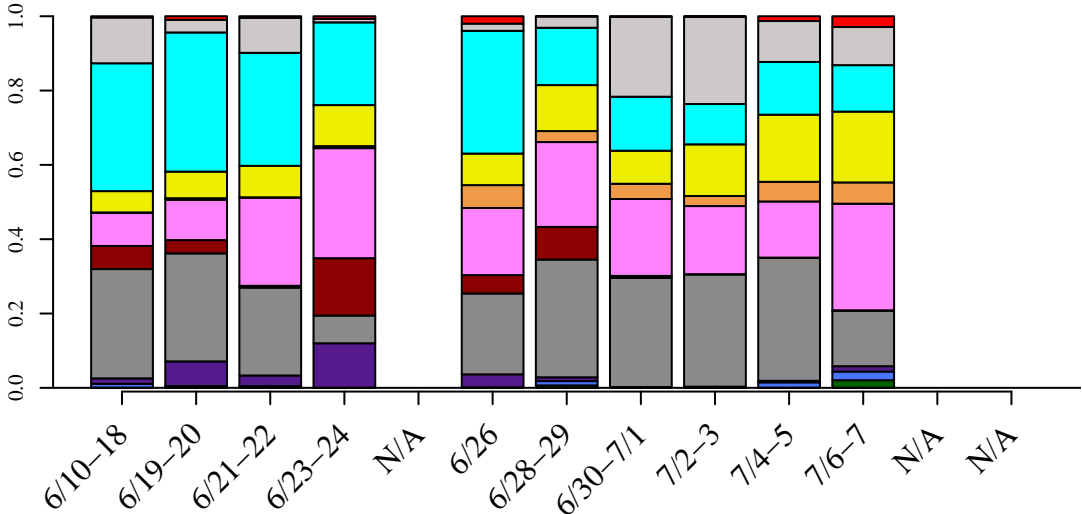
2011



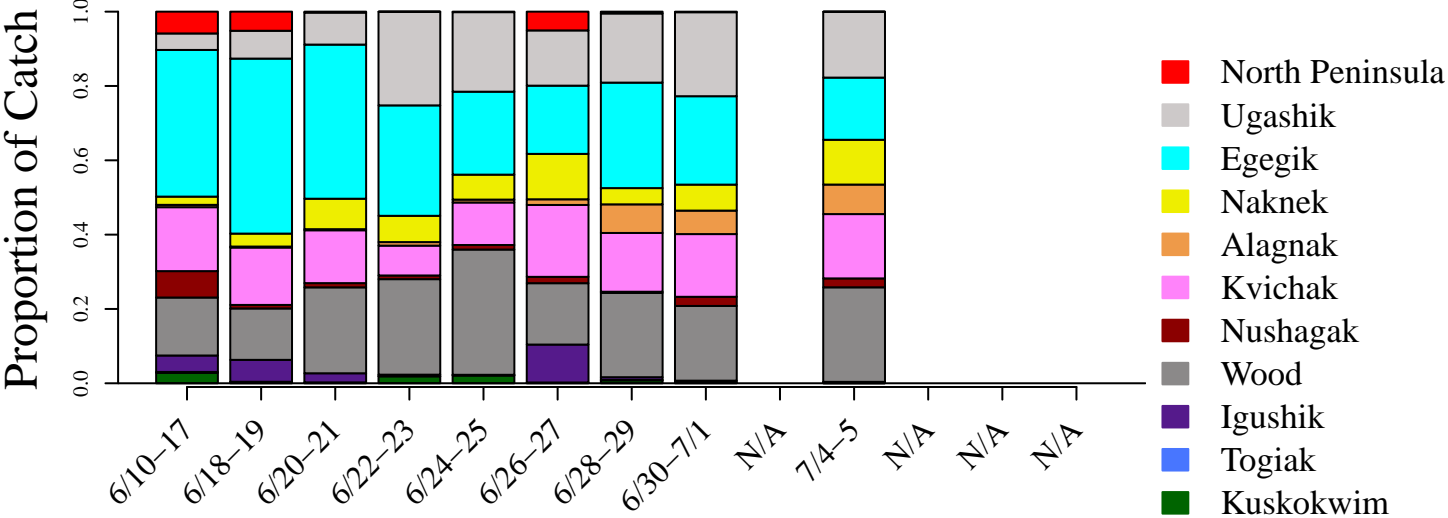
Date

Historical Comparison of Stock Composition Estimates

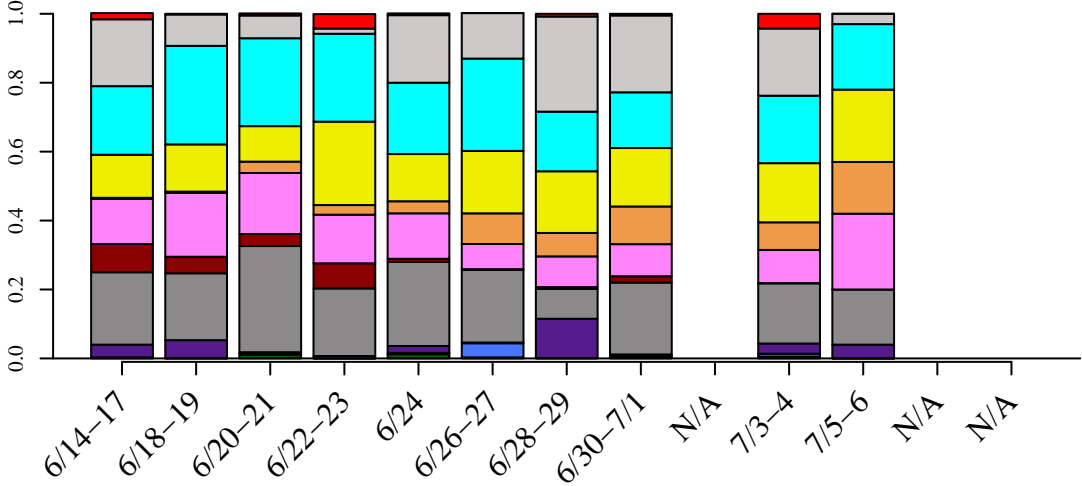
2010



2009



2008



Date

Figure 1. The 2022 Port Moller Daily Catch Index (averaged from Stations 2-22) parsed by district based on genetic stock composition estimates (colored stacked area curves scaled to the left vertical axis). Observed C+E (colored stacked columns) is also parsed by district and scaled to the right vertical axis. Colors are the same for both times series of data (stacked curves and columns).

