

Supplementary Table

Comparison of life history traits of Dolly Varden sampled in marine or estuarine waters of the Nushagak Commercial Salmon Fishery Management District on 25 June 2018 for this study (sample size [n]=30) and in the Egegik Commercial Salmon Fishery Management District on 22 June and 2 July 2013 by Hart et al. (2015) ($n=30$) in Bristol Bay, southwestern Alaska. Sample sizes for some trait data are smaller than for others, if data were not obtained or not interpretable from all fish or if data were limited by life history (i.e., only fish with >1 summers at sea could have skipped a migration).

Trait	Nushagak District		Egegik District	
	Mean (SD)	Range	Mean (SD)	Range
Fork length (mm)	597.1 (40.6)	522–690	509.0 (26.1)	445–560
Mass (kg)	2.16 (0.42)	1.63–3.25	1.49 (0.35)	1.04–2.00
Total age (years)	6.1 (0.7)	5–8	5.7 (1.0)	4–9
Age at first migration (years)	5.2 (0.8)	4–7	2.5 (0.5)	2–3
No. of migrations	1.7 (0.4)	1–2	4.2 (0.9)	3–8
No. of fish that overwintered at sea	0 of 23		0 of 30	
No. of fish that skipped a migration	2 of 17		0 of 30	
Samples with anadromous mothers	15%		56%	