

Supplementary Table 1

Estimated maximum age and Von Bertalanffy growth parameters for the species evaluated when not including aging error (AE0) and when including aging error (AE1) by using data from the NOAA Alaska Fisheries Science Center bottom trawl surveys for the Gulf of Alaska (GOA, 1984–2011), Aleutian Islands (AI, 1980–2010), and Bering Sea (BS, 1982–2011). Species acronyms are explained in Table 1. The parameters are L_{∞} =asymptotic length; κ =growth rate; and t_0 =size at time 0. Species acronyms are explained in Table 1.

Species	Region	Max age	AE0			AE1		
			L_{∞}	κ	t_0	L_{∞}	κ	t_0
Flatfish								
AP	BS	37	479.5	0.13	0.64	480.4	0.12	0.51
FS	BS	34	445.4	0.14	-0.35	446.1	0.14	-0.50
NRS	BS	27	409.5	0.13	-0.37	409.5	0.13	-0.42
YS	BS	37	383.2	0.13	0.53	383.7	0.13	0.44
AF	GOA	32	783.7	0.11	-0.87	781.8	0.11	-1.04
DS	GOA	59	484.8	0.13	-2.75	486.4	0.12	-3.47
FS	GOA	33	462.1	0.15	-0.22	461.9	0.15	-0.31
NRS	GOA	30	436.4	0.19	0.08	437.0	0.19	-0.01
RS	GOA	49	466.2	0.20	-0.25	467.3	0.19	-0.51
SRS	GOA	28	479.8	0.17	0.46	481.5	0.17	0.31
Rockfish								
NR	AI	74	343.1	0.18	-0.34	343.2	0.18	-0.48
POP	AI	104	406.8	0.16	-0.68	407.4	0.15	-0.95
RB	AI	121	519.5	0.05	-4.61	515.6	0.05	-4.80
LDR	GOA	57	475.7	0.20	0.77	475.0	0.20	0.73
NR	GOA	72	407.3	0.16	-0.45	407.4	0.16	-0.62
POP	GOA	88	411.6	0.19	-0.34	411.7	0.19	-0.47
RB	GOA	135	511.6	0.08	-1.38	517.5	0.07	-2.44
Roundfish								
AM	AI	16	423.9	0.42	-0.96	423.5	0.42	-0.99
WP	AI	23	599.9	0.28	-0.45	599.5	0.27	-0.55
PC	BS	18	1227.1	0.12	-0.25	1180.8	0.13	-0.37
WP	BS	29	689.0	0.19	-0.20	685.2	0.19	-0.21
PC	GOA	14	1180.1	0.13	-0.43	1079.2	0.15	-0.46
WP	GOA	18	609.6	0.31	-0.06	604.2	0.31	-0.06