

Table B1. Posterior mean and 95% credible interval for key model parameters

Symbol	Median	95% Credible Interval		Age/stage
<i>Density-independent mortality</i>				
M_z	0.341	0.146	0.804	0-group
M_j	0.143	0.065	0.252	Ages 1-3
<i>Density-dependent mortality (intracohort)</i>				
β_1	9.48e-11	5.37e-12	2.69e-10	Age 1
β_2	1.69e-10	8.12e-12	4.26e-10	Age 2
β_3	2.27e-10	1.56e-11	4.75e-10	Age 3
<i>Density-dependent mortality (intercohort)</i>				
γ	1.82e-9	7.27e-10	3.28e-9	0-group
<i>Temperature effect</i>				
φ_l	0.150	-0.242	0.562	Larvae
<i>Process errors</i>				
σ_{sp}	0.731	0.522	0.986	Spawning
σ_{M_z}	0.778	0.479	1.194	0-group
<i>Fishing mortality year-effect</i>				
σ_{f_y}	0.223	0.174	0.280	-
<i>Fishing mortality age-specific</i>				
fa_4	-1.788	-2.032	-1.570	Age 4
fa_5	-1.079	-1.262	-0.888	Age 5
fa_6	-0.745	-0.933	-0.552	Age 6

fa_7	-0.521	-0.727	-0.339	Age 7
fa_8	-0.400	-0.603	-0.218	Age 8
fa_9	-0.394	-0.623	-0.195	Age 9
fa_{10}	-0.490	-0.806	-0.181	Age 10
fa_{11}	-0.683	-1.190	-0.142	Age 11
