Harvests and Chum Salmon

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Function Updated by mbakken on Fri, 04/04/2025 - 05:13.

Species Information

Common Name: Chum Salmon
Genus: Oncorhynchus keta

Stressor Details

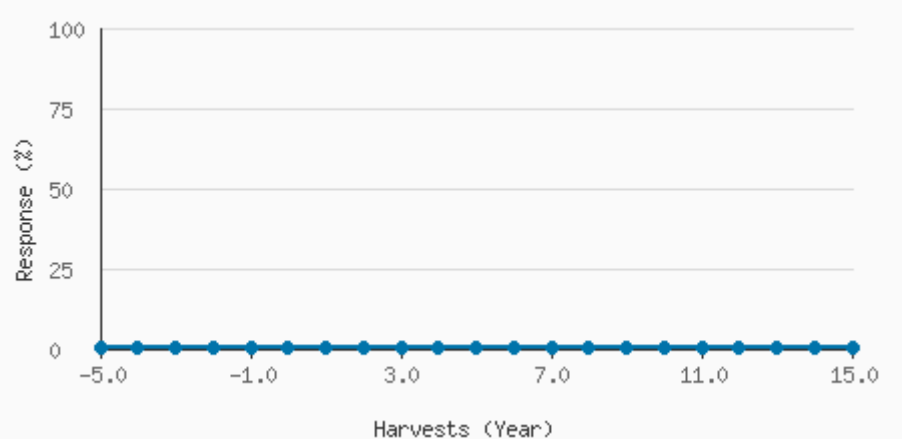
Stressor Name: Harvests
Units: Year
Metric: Time since harvest
Scale: linear
Function Type: continuous
Vital Rate/Process: Survivorship

Life Stage & Context

Life Stages: Juvenile
Geography: Carnation Creek, British Columbia, Canada
Activity: Incubation
Season: All seasons

Descriptions

Stressor Response Data



?Years_since_harvest	Mean System Capacity (%)	SD	low.limit	up.limit
-5	0.210518255	0.059262502		
-4	0.211051229	0.045141919		
-3	0.212602964	0.03356134		
-2	0.215226786	0.028258521		
-1	0.218942478	0.032987208		
0	0.223731463	0.045196252		
1	0.188852024	0.030968903		
2	0.177393803	0.026769541		
3	0.166526463	0.023144584		
4	0.156242677	0.020142847		

5	0.14653096	0.017808053		
6	0.137376358	0.016162434		
7	0.128761103	0.015183287		
8	0.120665248	0.014788284		
9	0.113067244	0.014847112		
10	0.105944461	0.015214739		
11	0.099273636	0.015762581		
12	0.093031256	0.016392817		
13	0.087193882	0.017038349		
14	0.081738406	0.017656569		
15	0.076642257	0.018222367		

Citations

Hartman, G.F., Scrivener, J.C. and Miles, M.J., 1996. Impacts of logging in Carnation Creek, a high-energy coastal stream in British Columbia, and their implication for restoring fish habitat. Canadian Journal of Fisheries and Aquatic Sciences, 53(S1), pp.237-251.