

Taking animal breeding into the wild: regulation of fishing gear can make fish stocks evolve higher productivity

Fabian Zimmermann*, Christian Jørgensen

*Corresponding author: fabian.zimmermann@imr.no

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Figure S1: Length at age for all maturation ages from 5 to 11. The lines represent the growth trajectories based on a biphasic growth function with reduced growth rates after the age at maturation.

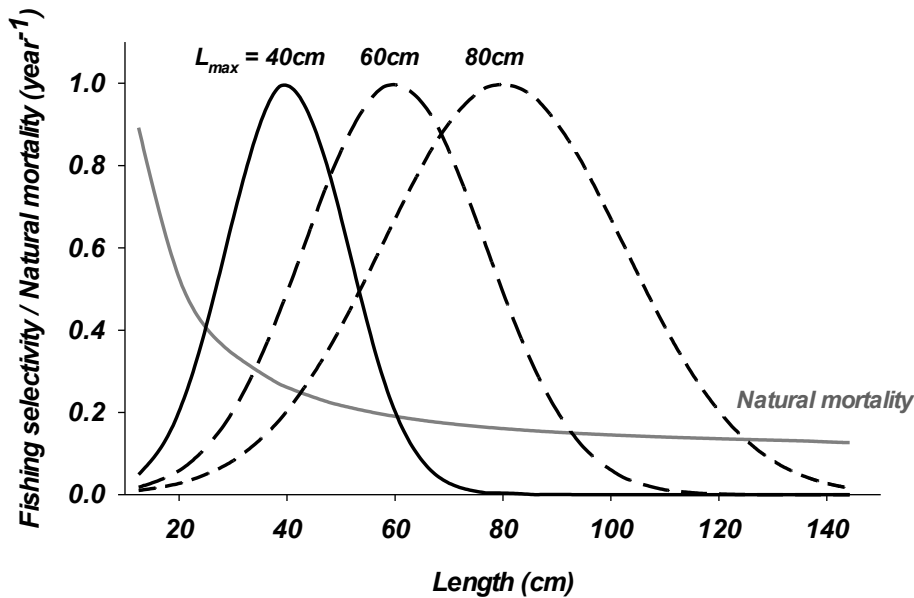


Figure S2: Natural mortality rate and gillnet selectivities as a function of fish length. Gillnet selectivities are shown for $L_{\max} = 40\text{cm}$, 60cm , and 80cm .

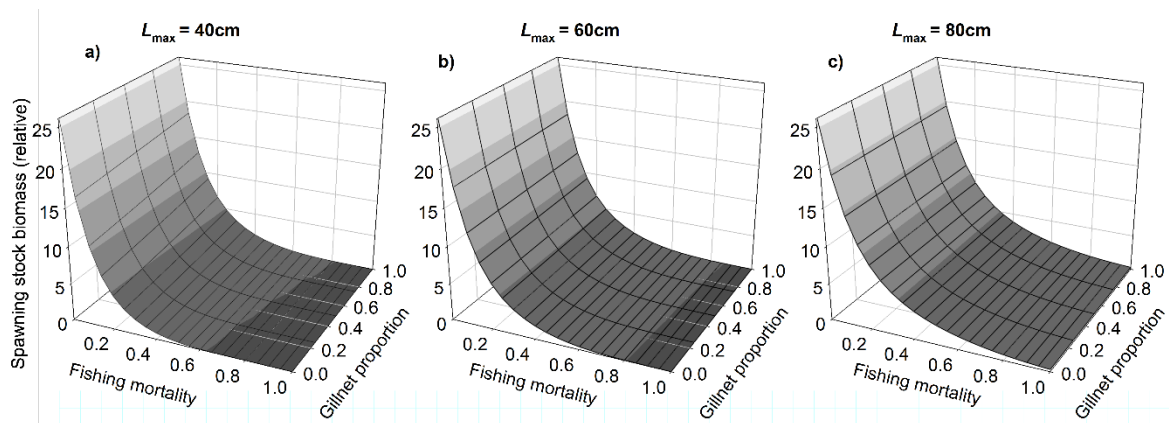


Figure S3: Total spawning stock biomass (SSB) after 20 years for size selectivity $L_{\max} = 40\text{cm}$ (a), $L_{\max} = 60\text{cm}$ (b) and $L_{\max} = 80\text{cm}$ (c). Results are shown for input fishing mortality $F_{\text{input}} = 0$ until 1 and gillnet proportion $o = 0$ until 1. Total SSB is standardized to the value at $t = 0$ years.