

APPENDIX III

STAR Proceedings

The following plots were generated at the request of the STAR Panel and deliberated on during the STAR proceedings.

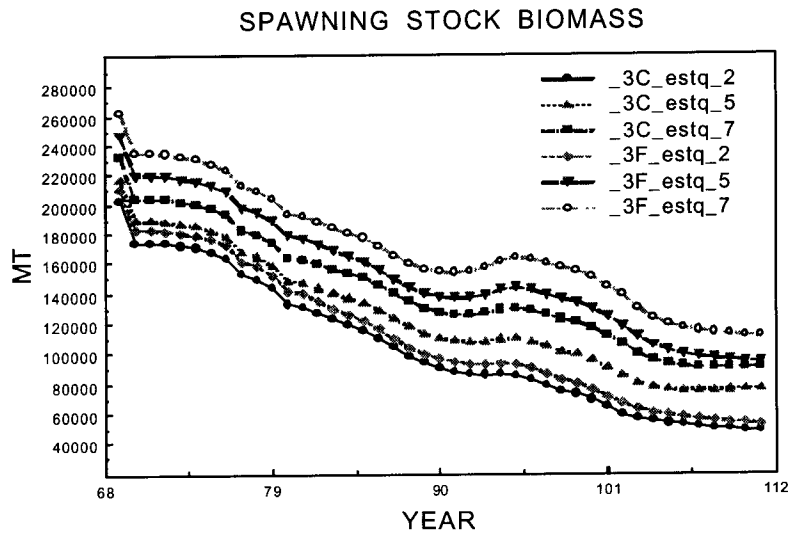


Figure 1. Historic and projected spawning stock biomass for model configurations 3C and 3F allowing Q to be estimated and assuming a stock-recruit steepness parameter values of 0.2, 0.5, and 0.7.

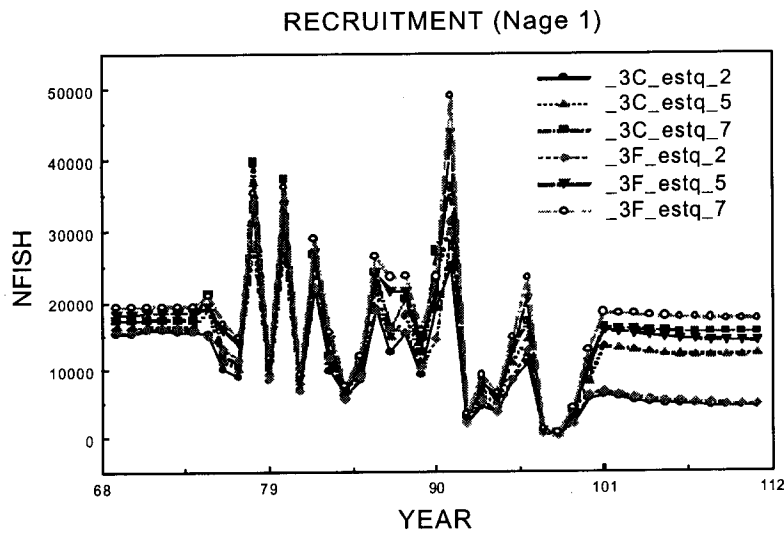


Figure 2. Historic and projected recruitment for model configurations 3C and 3F allowing Q to be estimated and assuming a stock-recruit steepness parameter value of 0.2, 0.5, and 0.7.

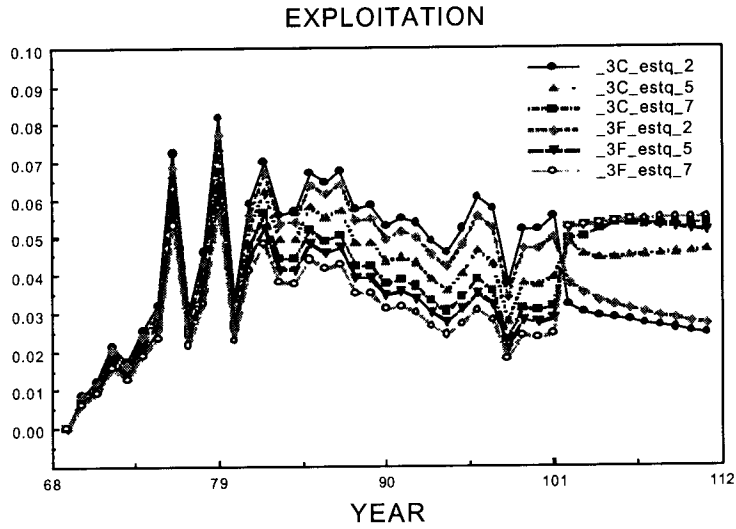


Figure 3. Historic and projected exploitation pattern for model configurations 3C and 3F allowing Q to be estimated and assuming a stock-recruit steepness parameter value of 0.2, 0.5, and 0.7.

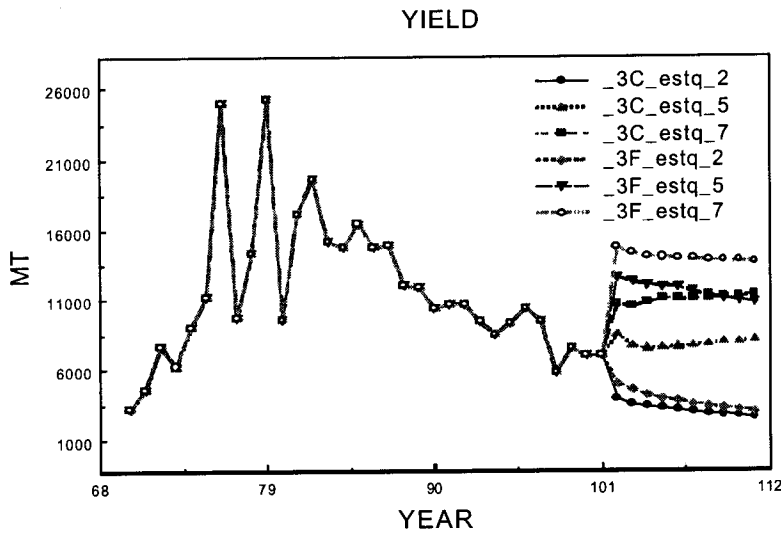


Figure 4. Historic and projected yield for model configurations 3C and 3F allowing Q to be estimated and assuming a stock-recruit steepness parameter value of 0.2, 0.5, and 0.7.

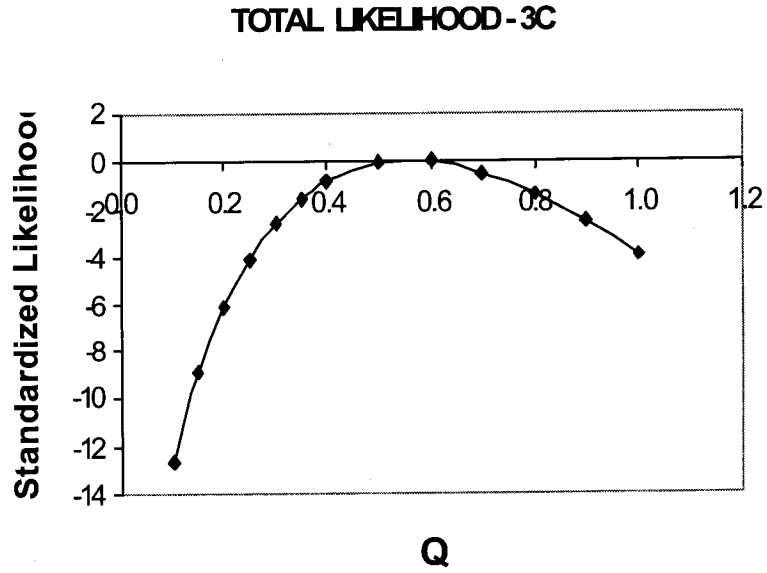


Figure 5. Standardized total likelihood as a function of assumed Q value and a steepness = 0.2, for final model configuration 3C.

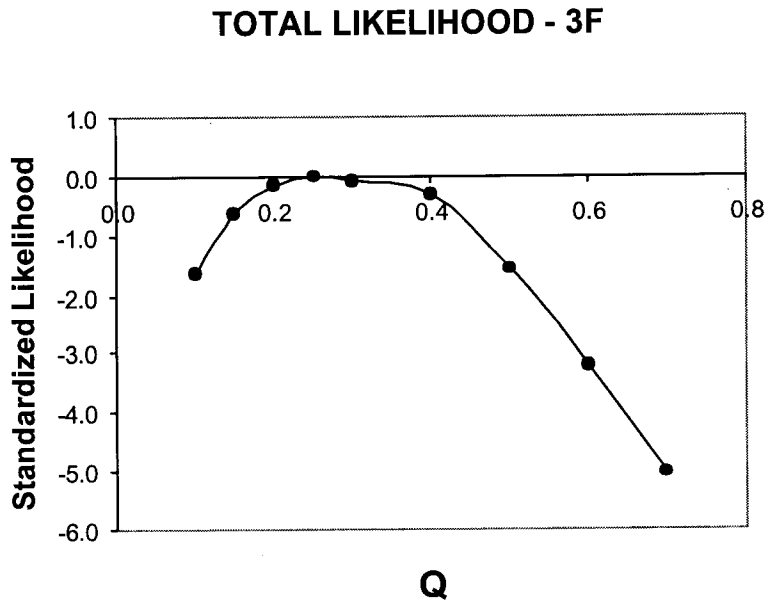


Figure 6. Standardized total likelihood as a function of assumed Q value and steepness = 0.5, for the final model configuration 3F.

Table 1. Estimated value for Q for model configuration 3C and 3F assuming a stock-recruitment steepness parameter value of 0.2, 0.5, and 0.7.

Configuration	Steepness	Estimated Q
3C	0.2	0.512
3C	0.5	0.369
3C	0.7	0.303
3F	0.2	0.492
3F	0.5	0.289
3F	0.7	0.250