

Appendix B2. Sensitivity Runs for Atlantic mackerel stock assessment.

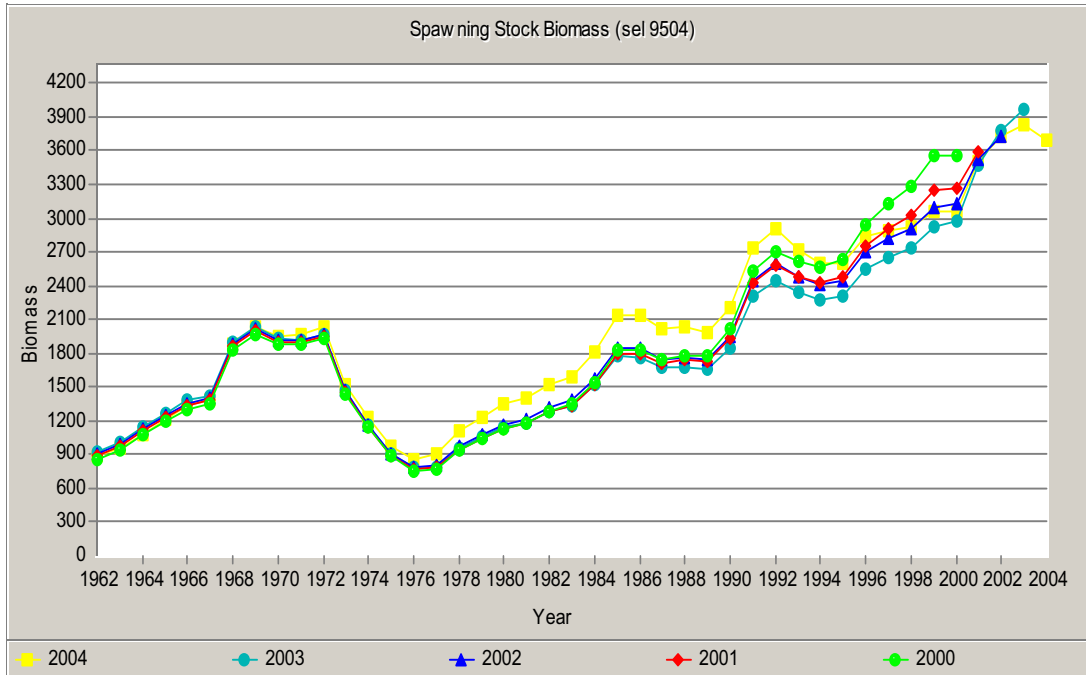


Figure 1 (APPENDIX B2). Retrospective pattern for SSB for the ASAP model with the spring survey split in 1985, B-H SR model ($\lambda = 1$), ages aggregated to 7+, and estimated fishery selectivity during 1995-2004.

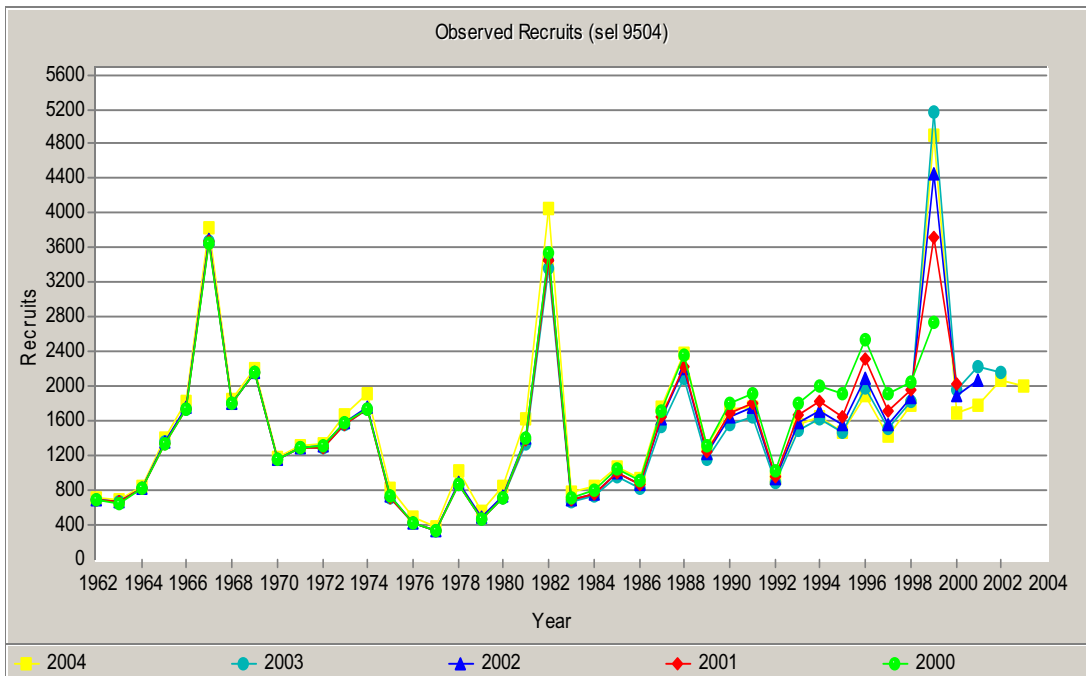


Figure 2 (APPENDIX B2). Retrospective pattern for recruitment for the ASAP model with the spring survey split in 1985, B-H SR model ($\lambda = 1$), ages aggregated to 7+, and estimated fishery selectivity during 1995-2004.

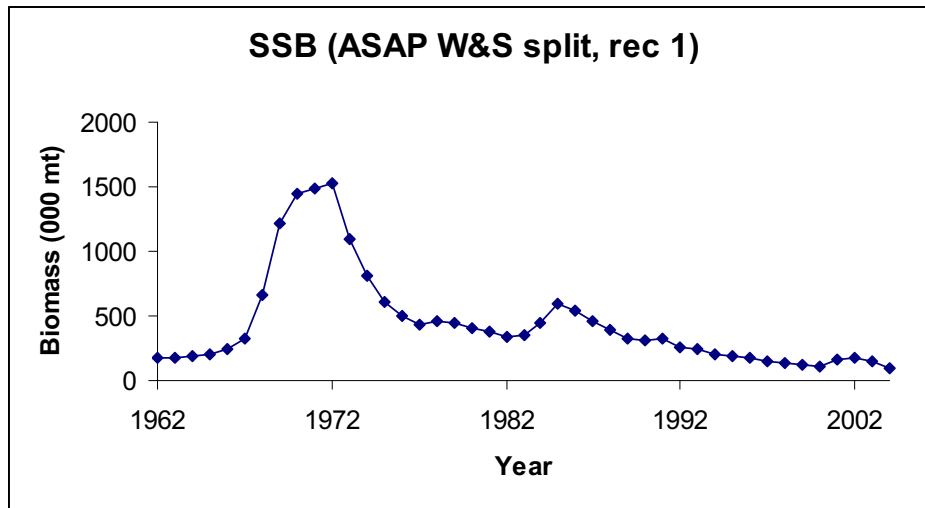


Figure 3 (APPENDIX B2). Sensitivity run to assess the effect of adding the NEFSC winter survey to the ASAP model, impact on spawning stock biomass.

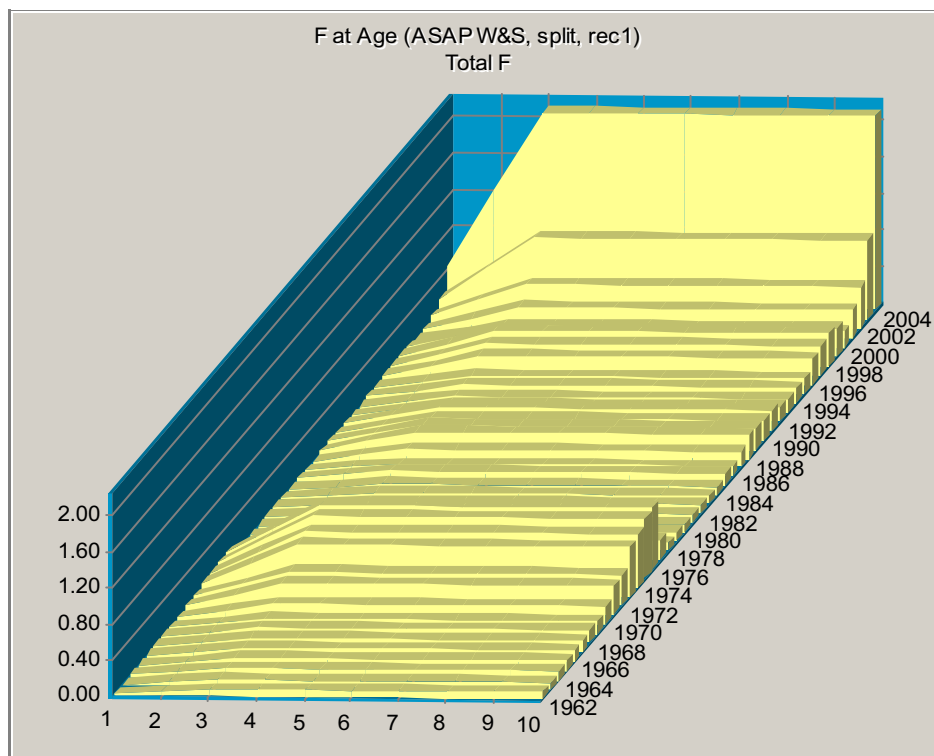


Figure 4 (APPENDIX B2). Sensitivity run to assess the effect of adding the NEFSC winter survey to the ASAP model, impact on fishing mortality.

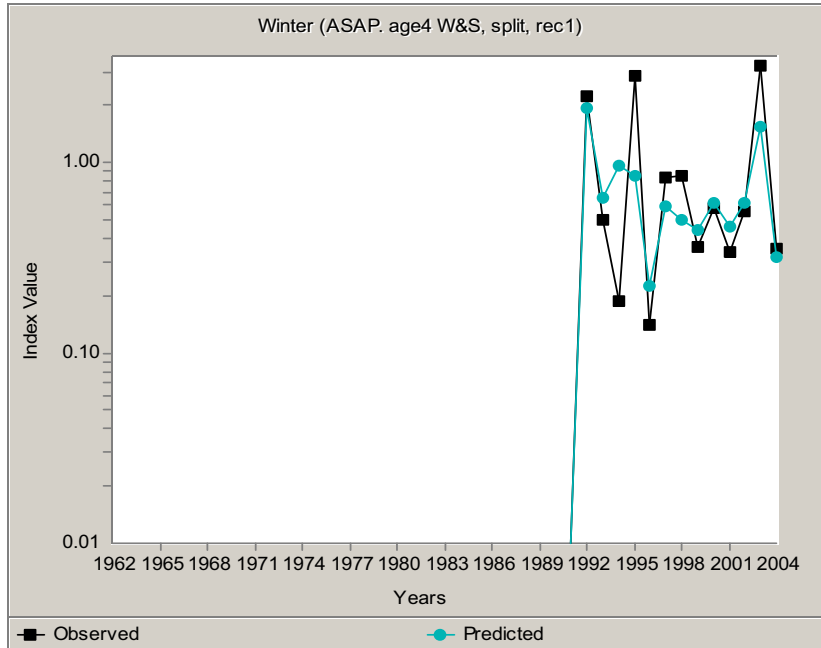


Figure 5 (APPENDIX B2). Sensitivity run to assess the effect of adding the NEFSC winter survey to the ASAP model, impact on winter survey observed vs. predicted series.

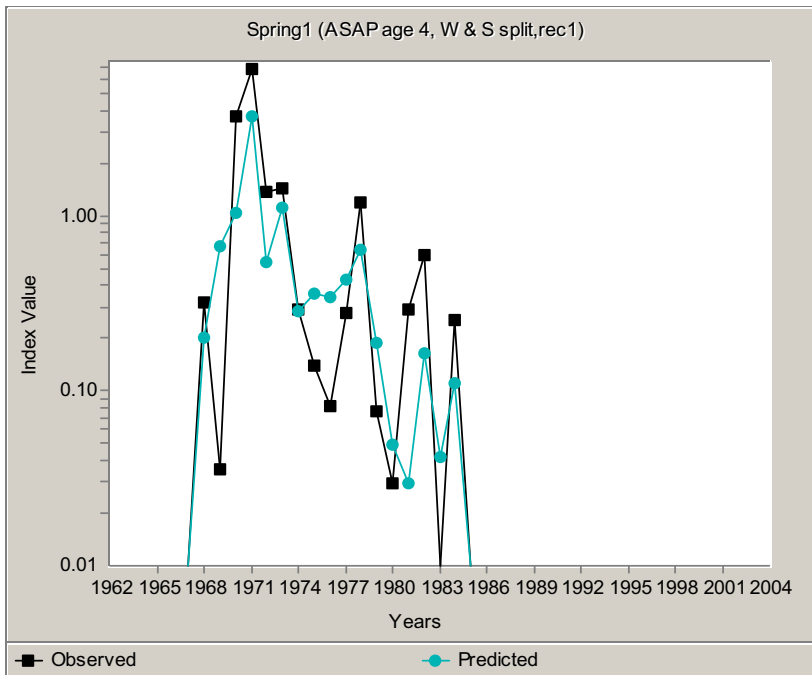


Figure 6 (APPENDIX B2). Sensitivity run to assess the effect of adding the NEFSC winter survey to the ASAP model, impact on spring1 survey observed vs. predicted series.

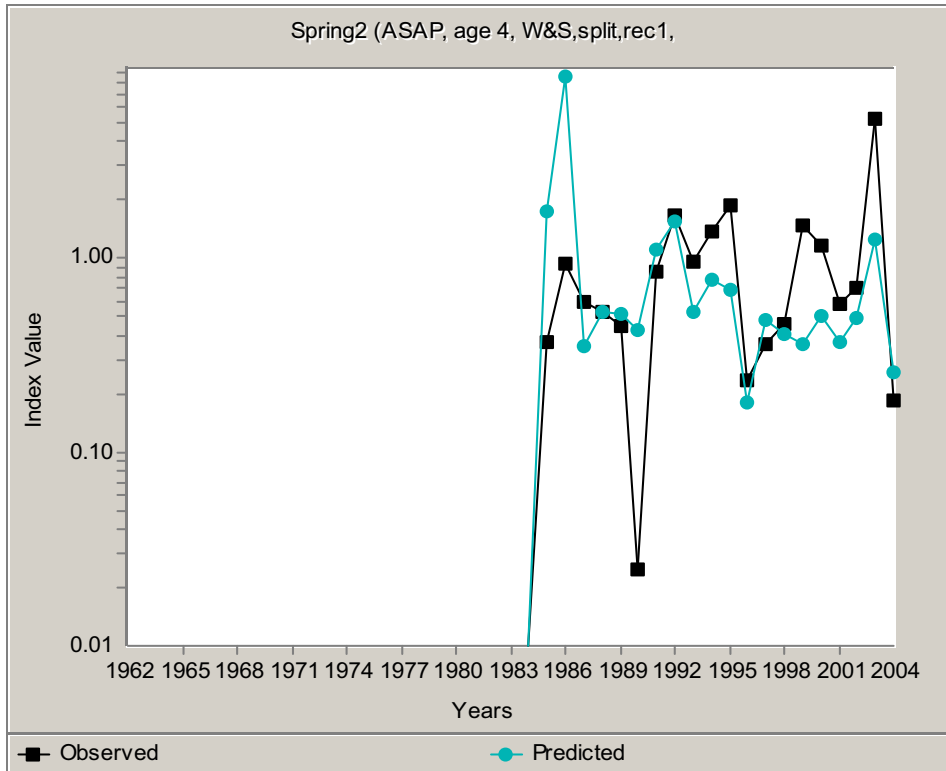


Figure 7 (APPENDIX B2). Sensitivity run to assess the effect of adding the NEFSC winter survey to the ASAP model, impact on spring2 survey observed vs. predicted series.

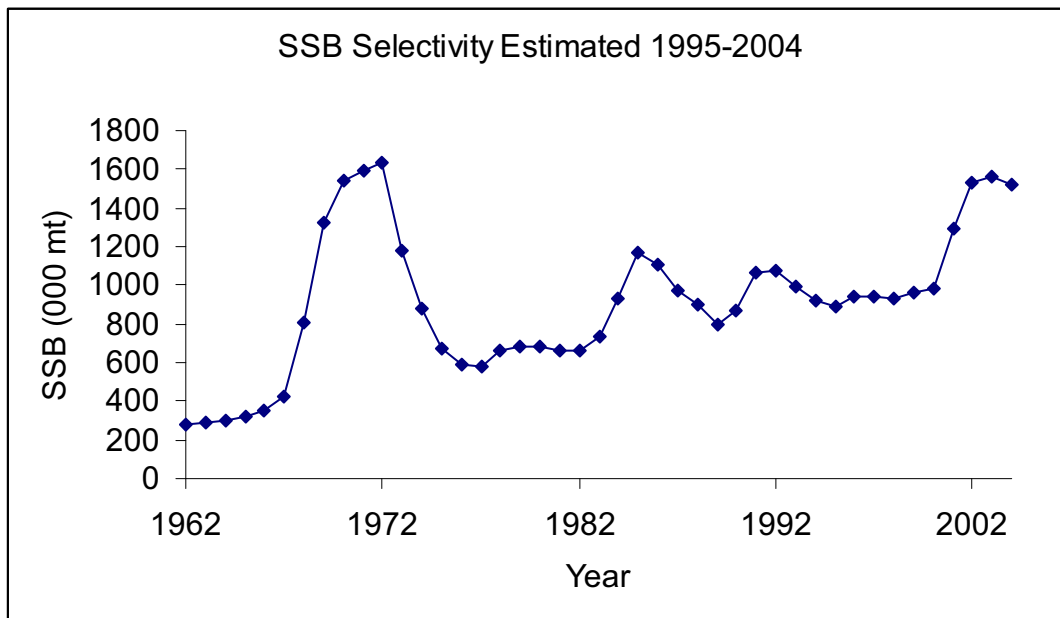


Figure 8 (APPENDIX B2). Results for SSB from a sensitivity run to assess the effect of estimating fishery selectivity during 1962-1994 and 1995-2004 in the ASAP model.

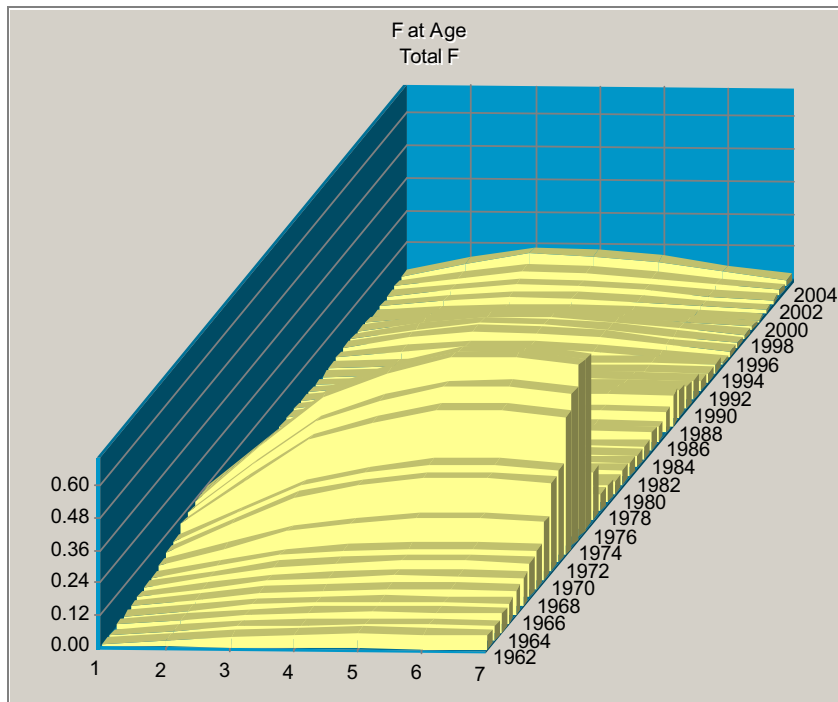


Figure 9 (APPENDIX B2). Results for fishing mortality from a sensitivity run to assess the effect of estimating fishery selectivity during 1962-1994 and 1995-2004 in the ASAP model.

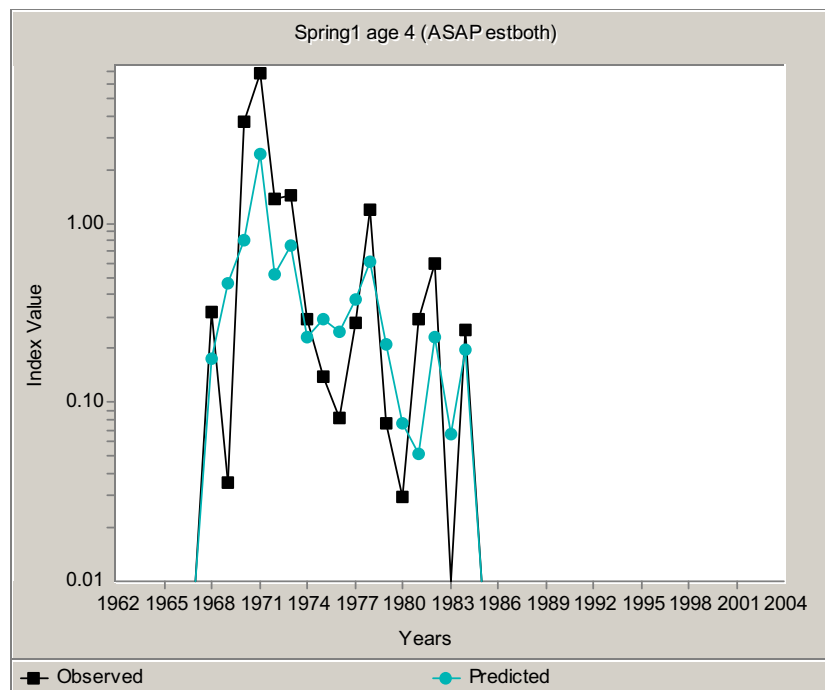


Figure 10 (APPENDIX B2). Sensitivity run to assess the effect of estimating fishery selectivity during 1962-1994 and 1995-2004 in the ASAP model on spring1 survey observed vs. predicted series.

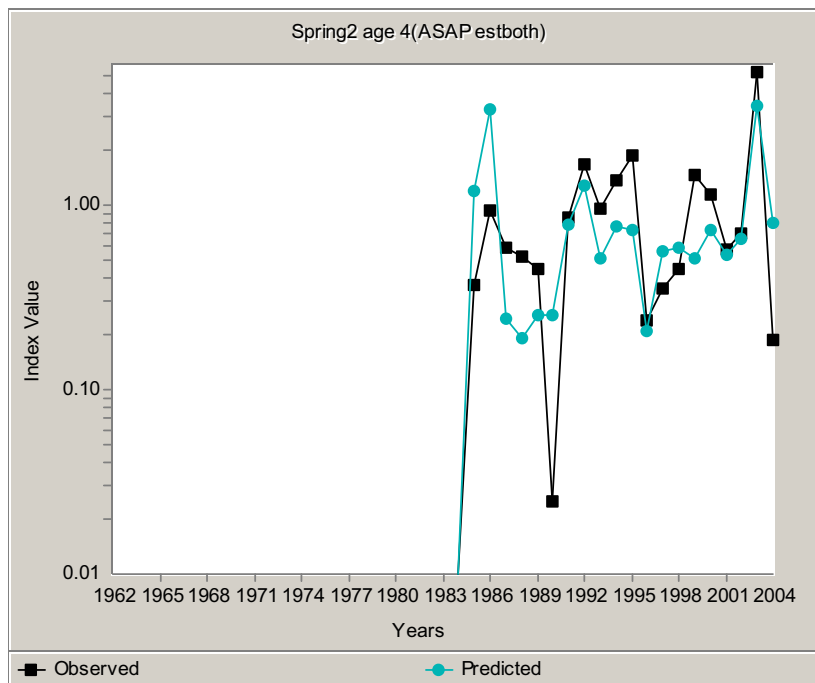


Figure 11 (APPENDIX B2). Sensitivity run to assess the effect of estimating fishery selectivity during 1962-1994 and 1995-2004 in the ASAP model on spring2 survey observed vs. predicted series.

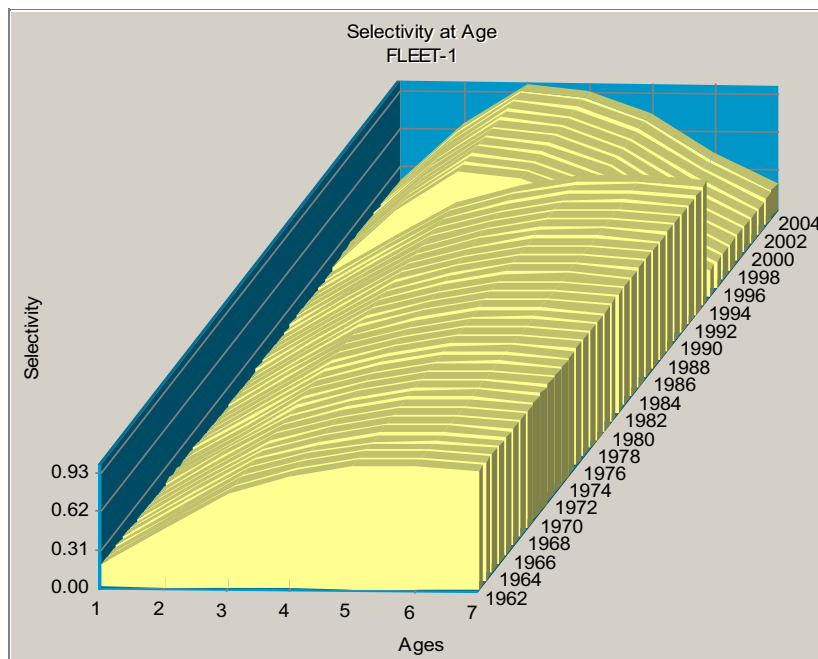


Figure 12 (APPENDIX B2). Sensitivity run to assess the effect of estimating fishery selectivity during 1962-1994 and 1995-2004 in the ASAP model on fishery selectivity.