CINAR MSE Workshop: Alternative Operating Models

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Operating Model uncertainty

In the previous example we characterized OM uncertainty using paramter uncertainty in the fit to the original data.

Here we will compare the performance of our simple HCRs given operating model structure uncertainty.

1. Build a function for when the operating model dynamics are governed by the Pella-Tomlinson model (i.e. yield function is not symmetric)
2. Compare the performance of our HCRs from day 1 to both OMs

Stretch-goal

3. Develop an OM that includes process error (recruitment variability?) in the population dynamics