TORs
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TORs2 and 3

2024-02-05

TORs

TOR 2

- paste TOR2

TOR3

- paste TOR3

TORs
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R Markdown

If you have trouble knitting this file, check out this page:
https://stackoverflow.com/questions/67696286/error-generating-pdf-using-knitr-to-pdf-in-rstudio

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Outline

- 'Stock' parameters
- Fishery and index Parameters
- OM factors and simulated data examples
- EM models
- Beta standardization
- Analysis & Results
- Conclusions
- Future Work

TORs
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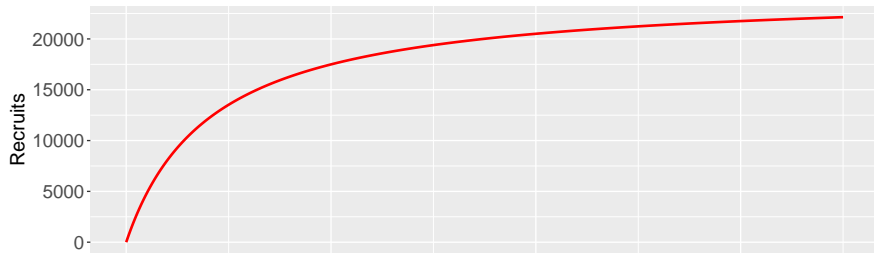Background
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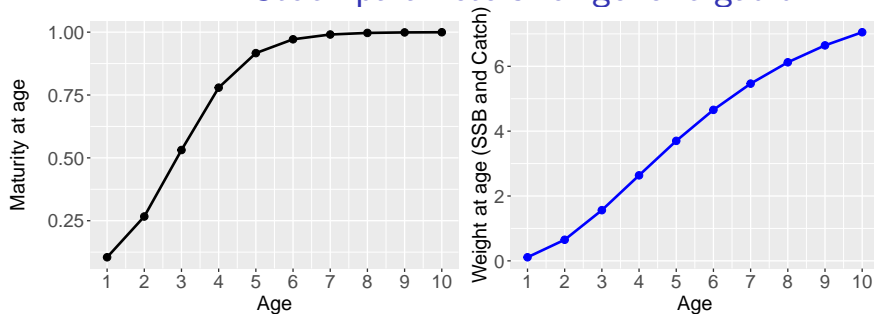
EM
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Inputs

Stock parameters for generic gadid

Fishery and index parameters

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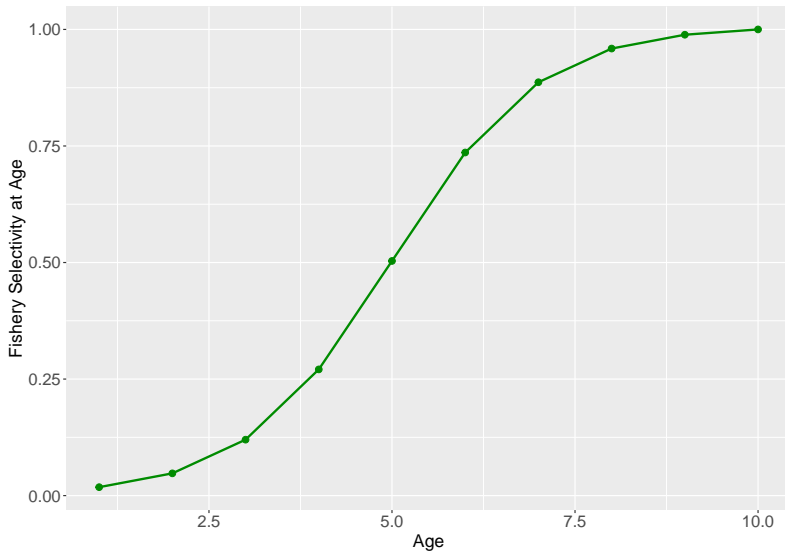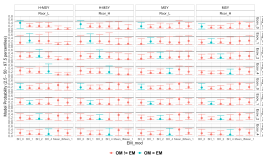
Analysis & Results
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OM factors and simulated data examples

- make some plots to illustrate OM inputs and resulting simulated data generated
- looks like i can have multiple bullets below a figure

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Couple of slides for Beta standardization

- greg's plots

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EM

EM models

- simple bullets above table
- we only have 6 EMs that were considered

ecov_how	r_mod	SR	EM_mod	EM
0	2	Mean	Mean_0	1
1	2	Mean	Mean_1	2
0	3	BH	BH_0	3
1	3	BH	BH_1	4
2	3	BH	BH_2	5
4	3	BH	BH_4	6

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Analyses

1. Convergence of the estimating models

2. Model identifiability of an underlying stock recruitment model and/or an underlying relationship between environmental covariate

3. ΔAIC and model probability

4. Assessment error (recruitment, spawning stock biomass, and Fbar)

5. Bias of estimated parameters

6. Mohn's ρ

7. Projection performance relative to assumptions about the environmental covariate

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Convergence

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Model Identifiability

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ΔAIC and model probability

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Assessment error (recruitment, spawning stock biomass, and Fbar)

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Bias of estimated parameters

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Mohn's ρ

Projection performance relative to assumptions about the environmental covariate

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Take-aways

- These are the take-aways (copy from WP)

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Future Work

List of what's next

- This is what we suggest for follow-up

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