

## TORs2 and 3



# R Markdown

If you have trouble knitting this file, check out this page:

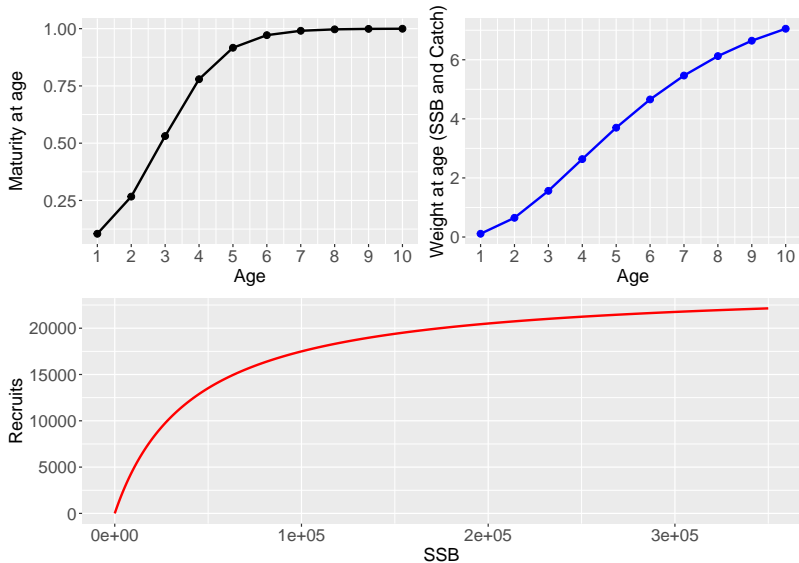
<https://stackoverflow.com/questions/67696286/error-generating-pdf-using-knitr-to-pdf-in-rstudio>

- need to make the logo smaller on title and content slides (put it in the footer)

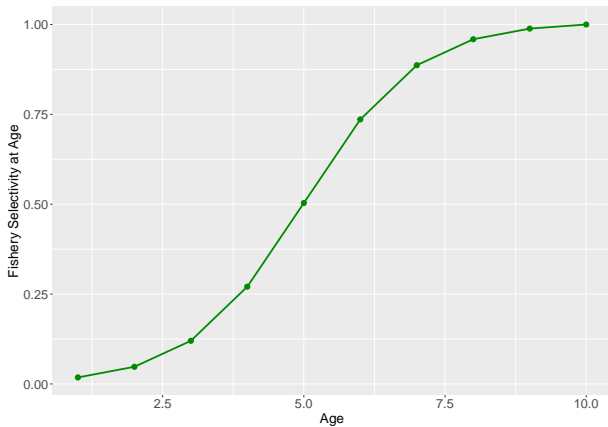
# Outline

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

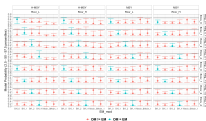
# Stock parameters for generic gadid



# Fishery and index parameters



# 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

## EM models

- simple bullets above table1
- 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

## Couple of slides for Beta standardization

- greg's plots



# Analysis

- 1 Convergence of the estimating models
- 2 Model identifiability of an underlying stock recruitment model and/or an underlying relationship between environmental covariate
- 3  $\delta AIC$  and model probability
- 4 Assessment error (recruitment, spawning stock biomass, and  $\bar{F}$ )
- 5 Bias of estimated parameters
- 6 Mohn's  $\rho$
- 7 Projection performance relative to assumptions about the environmental covariate

# Slide with Plot

