

Jan 2024 Modeling workshop agenda

Monday, Jan 8th (12pm) - Tuesday, Jan 9th (5pm) - NPFMC offices Anchorage, AK

Monday - Jan 8th - proposed starting agenda:

- 1) Review agenda topics and prioritize
- 2) GMACS
 - a) Housekeeping - touch base on versioning, updating, etc.
 - b) Questions on the most updated version (can come back to this on Tuesday also) / progress on NSRKC? - version on GitHub vs. development ongoing
 - c) GOAL for monday - move towards a plan for a unified updated version and steps to update when changes are made.
 - i) Plan for annotated .dat and .ctl files?

Tuesday - Jan 9th

- 3) Simpler modeling workshop suggestions
 - a) Q: options for using BSFRF data as a prior (**cody**)
 - b) Reductions in bycatch fleets in models (general guidelines for this such as how to combine size comps, selectivity, etc.)
- 4) BSFRF selectivity studies used for BBRKC and Tanner crab (**Buck**)
- 5) Review GMACS progress

- 6) GMACS projection option - current and additions
 - a) MCMC - (not working - ADMB with nuts)
- 7) Projection parameters / OFL (make sure this in is TOR)
- 8) SAFE intro "recommendations for all assessments"

Topics to cover (Listed in no particular order)

- 1) Review the SAFE intro "recommendations for all assessments"
- 2) Simpler modeling workshop suggestions
 - a) Q: options for using BSFRF data as a prior (**cody**)
 - b) Reductions in bycatch fleets in models (general guidelines for this such as how to combine size comps, selectivity, etc.)
- 3) BSFRF selectivity studies used for BBRKC and Tanner crab (**Buck**)
- 4) B35% / F35% discussion on appropriateness for terminally molting crab (**tentative**)
- 5) Review projections for crab stocks, including the settings for these projections and how they should be reported (**Katie**)
- 6) GMACS* topics:
 - a) Consensus on "most current" version, is Github up to date?

- b) Q and A for new users
- c) GMACS development
 - i) NSRKC status (**Andre?**)
 - ii) Tanner (**Buck**)
 - iii) TMB version (**Buck**)
- d) develop a consensus version of GMACS file annotation

* Version 2.01.M.01.of GMACS can be downloaded [here](#); there is a version 2.01.M.02 with some corrections. The most updated version went out in the e-mail chain - contact me if you need a copy (Katie)

GMACS coding to do list (add to this as needed):