

Jessica Matos

From: Patterson III, William Frank <will.patterson@ufl.edu>
Sent: Tuesday, January 10, 2023 3:46 PM
To: Meetings; SSC-Standing; SSC-Reef Fish; SSC-Socioeconomic; SSC-Ecosystem; Thomas K. Frazer (tfrazer@usf.edu)
Subject: RE: DRAFT criteria for SSC discussion
Attachments: Categorical approach to set ABC from OFL based on assessment sigma and prob of overfishing.xlsx

Here is a table that shows the %reduction from OFL to ABC based on sigma multiplier and prob of $F > F_{msy}$. It is modified from the table Dr. Cass-Calay put together based on the Ralston et al. (2011) functions and $\sigma = 0.36$. This is intended to give folks something to examine when considering a categorical, 2-dimension ABC control rule as we await SEFSC sigma estimation among Gulf assessments. Changing the yellow-highlighted sigma value changes all the %reduction values. One could also change the multipliers at the tops of columns to affect those, or change the Prob of $F > F_{msy}$ in the first column to see the effect of different values there.

From: Meetings <meetings@gulfcouncil.org>
Sent: Tuesday, January 10, 2023 3:08 PM
To: SSC-Standing <SSC-Standing@gulfcouncil.org>; SSC-Reef Fish <SSC-ReefFish@gulfcouncil.org>; SSC-Socioeconomic <SSC-Socioeconomic-MembersOnly@gulfcouncil.org>; SSC-Ecosystem <ssc*ecosystem@gulfcouncil.org>; Frazer, Thomas <tfrazer@usf.edu>
Subject: FW: DRAFT criteria for SSC discussion

[External Email]

From: Barbieri, Luiz <Luiz.Barbieri@MyFWC.com>
Sent: Tuesday, January 10, 2023 3:05 PM
To: Meetings <meetings@gulfcouncil.org>
Subject: DRAFT criteria for SSC discussion