

Pdf files containing graphical output from the four Tanner crab models considered for status determination and OFL setting (Alt0a, Alt0b, Alt1a, Alt1b) in the 2014 stock assessment are provided as supplementary material. The files are named according to the convention

“TannerCrabModelResults.XXXX.pdf”

where “XXXX” is the model name. Each file contains what I hope are fairly self-descriptive figures, because there are no associated captions.

That said, the first seven pages consist of plots that are not intuitively interpretable. Each of these plots represents the estimated value of a single bounded parameter, the name of which is given in the upper left corner of the plot. The names of unbounded parameters are also shown, but the accompanying plot is missing. Each plot is structured in the following manner:

- The width of the plot represents the distance between the lower and upper bounds of the parameter
- The vertical line represents the estimated value of the parameter (on a normalized scale between the lower and upper bounds)
- The shaded curve represents the standard deviation of the estimate as given in the .std file
- The blue coloration indicates the estimated value is at, or very close to, its lower bound
- The red coloration indicates the estimated value is at, or very close to, its upper bound

The Tier 3 quad plot (next to last plot) is not a valid representation of the projection model results for the model in question—it’s based on default values for F35% and B35% (although the one Alt1a is correct).