

Thoughts on Structure re Risk Assignment

Create a criterion structure, i.e. classes of stocks coupled with an associated single point risk assignment. The idea is to capture some of the more salient consequences of fishing activity and couple that with an associated risk. For example consider the following.

Loosely use the PSA concept of productivity, susceptibility and resiliency as the classification levels. Use the table as hierarchical, i.e. first rule first, second rule second, etc. Consider the species in question as a ball falling through these filters and stopping at the first one that applies.

| | Probability of Overfishing |
|--|----------------------------|
| Default | .45 |
| 1. Stock is overfished (if not, go to step 2) | |
| No rebuilding plan or plan progress not yet assessed | .35 |
| Rebuilding stocks | |
| Above plan (>= 115%) | .40 |
| On plan (>=85% or < 115%) | .35 |
| Below plan (<85%) | .30 |
| 2. Stock is undergoing overfishing (if not, go to step 3) | .35 |
| 3. Species of special concern (make list) | |
| Suggested list – Red grouper, black grouper, gag grouper, king mackerel, red snapper, greater amberjack, vermilion snapper | |