

## Scope of Work

Analysis Type:	Bag limit increase and size limit decrease alternatives for an FMP amendment.
Justification:	Most bag limit analyses focus on the effects of reducing a bag limit to limit effort or catch rates in a fishery. These analyses are done by trimming landed catch at the trip level of the data. Similarly, size limit analyses are typically focused on increasing the size limit to protect spawning stock and are developed by methods that trim the larger fish from the landed catch at the trip level. Bag limit increases and size limit decreases are relatively unexplored alternatives in fishery management which require unique and novel techniques to analyze. Decisions about data periods, behavior of the fishermen, and behavioral changes are likely to affect the final outcomes of these analyses.
Analyst:	Dr. Mike Errigo, SAFMC Staff
Tasks and Timeline:	<p>Much of the work has been completed; therefore this process will start with a review of everything done to date.</p> <p>Review of data used, methods developed, decisions made, and analyses completed to date (w/ workgroup) – by August 18, 2017</p> <p>Revisions and analyses from previous meeting reviewed by workgroup – October 24, 2017, in-person, prior to the SSC meeting</p> <p>Progress report to the SSC – October 24-26, 2017</p> <p>Review of preliminary results incorporating data from SEDAR 56, in advance of December 2017 Council meeting – by November 17, 2017</p> <p>Status Report to the Council – December 4-8, 2017</p> <p>Final workgroup review – by March 16, 2018</p> <p>Completion of workgroup report – March 20, 2018</p> <p>Final presentation and review by the SSC – April 2018 meeting (TBD)</p> <p>Final Report to the Council – June 11-15 2018</p>