Comments on "Economic Impacts of Climate Change on Two Mexican Coastal Fisheries: Implications to Food Security" by Alonso Aguilar Ibarra, Armando Sanchez Vargas, and Benjamin Martinez Lopez

The authors estimate a fish landings model and use changes measured at a constant market price and provide estimates of economic impacts. Much attention is given to landings and very little is given to the price (other than assuming that it is constant and raising the issue as a question on page 12). By how much would price change if landings rise or fall? Given that these are individual species in a world market, the perfectly elastic demand is likely a good assumption, but sensitivity analysis to this assuming should be conducted (with results reported at least in a footnote).

The econometrics are highly complex and, not being an econometrician -- as far as I can tell, well done. However, again, not being an econometrician, I always wonder whether the econometric complexity is worth the effort. I always think that comparison to the inferior econometric model is warranted. In this case, how does the model compare to the "biased and inconsistent" OLS model?

Since the title includes "food security," the conclusions should better recognize adaptation. If climate change negatively impacts fisheries in Mexico, it might positively impact fisheries in other places. Climate change might affect comparative advantage and change the direction of trade. Mexico might adapt by importing shrimp, or other sources of protein.

Minor editorial comments:

Table 1 should be self-explanatory. What is the dependent variable? What are the numbers in parentheses?

The formatting of Table 2 makes it difficult to immediately recognize that some of the impacts are negative.