

Addendum to “Sardine assessment results compared to a run which excludes the directed sardine catch, 1984 – 2015”

by

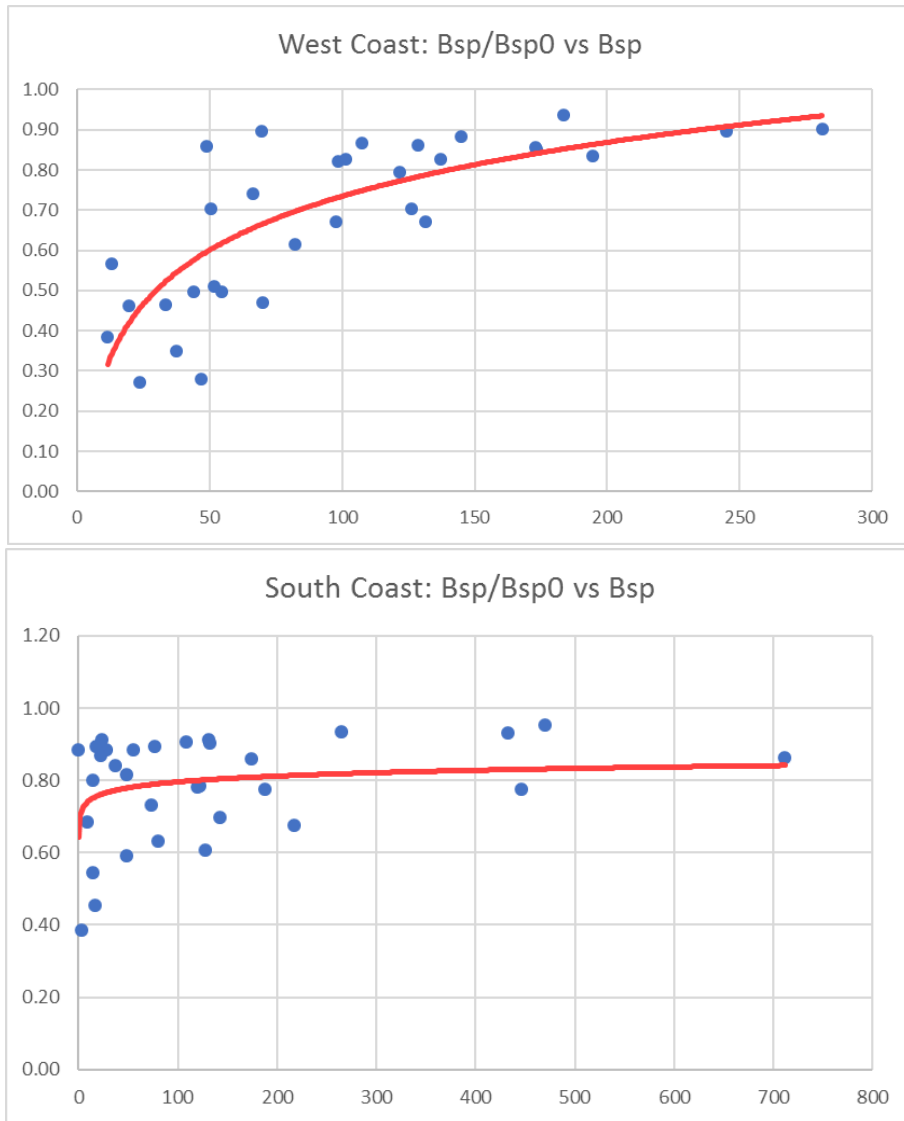
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1 Summary

Discussion at the IWS, first session of 28 November, requested that plots be produced for the relationship between the ‘Catch’ to ‘No Directed Catch’ spawning biomass ratio and the spawning biomass. On consideration, given differences in management approach since 1984, two sets of plots have been produced, for the period 1884 – 2015 (see Figure 1) and for 2000 – 2015 (Figure 2).

2 Figures



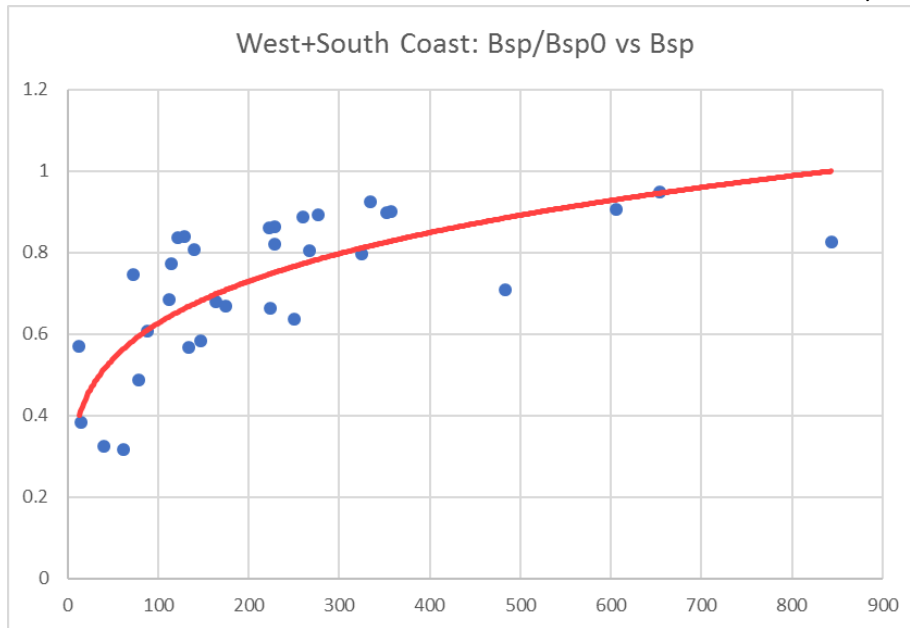
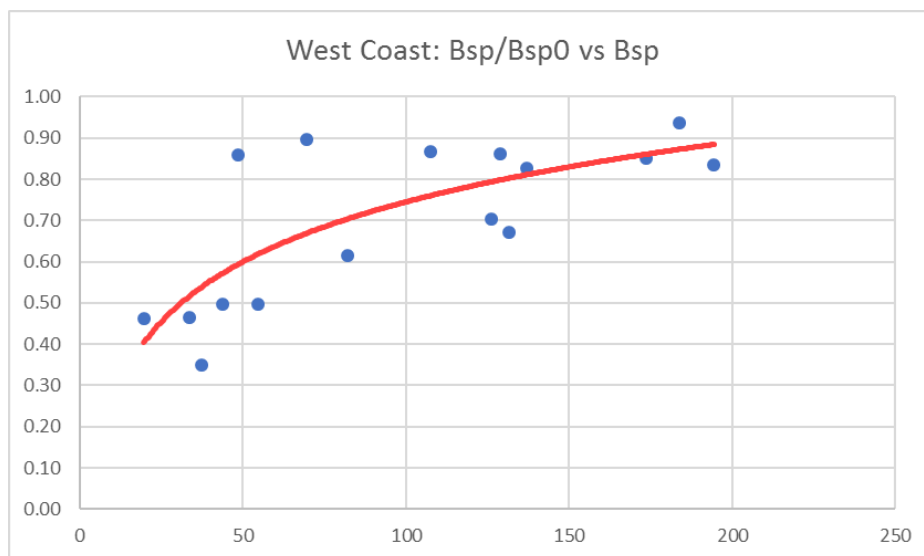


Figure 1. Relationship between the 'Catch' to 'No Directed Catch' spawning biomass ratio (y-axis) and the spawning biomass (x-axis) for the West Coast (first panel), South Coast (second panel), and West Coast + South Coast (third panel). **Plots are shown including values from 1984 to 2015.**



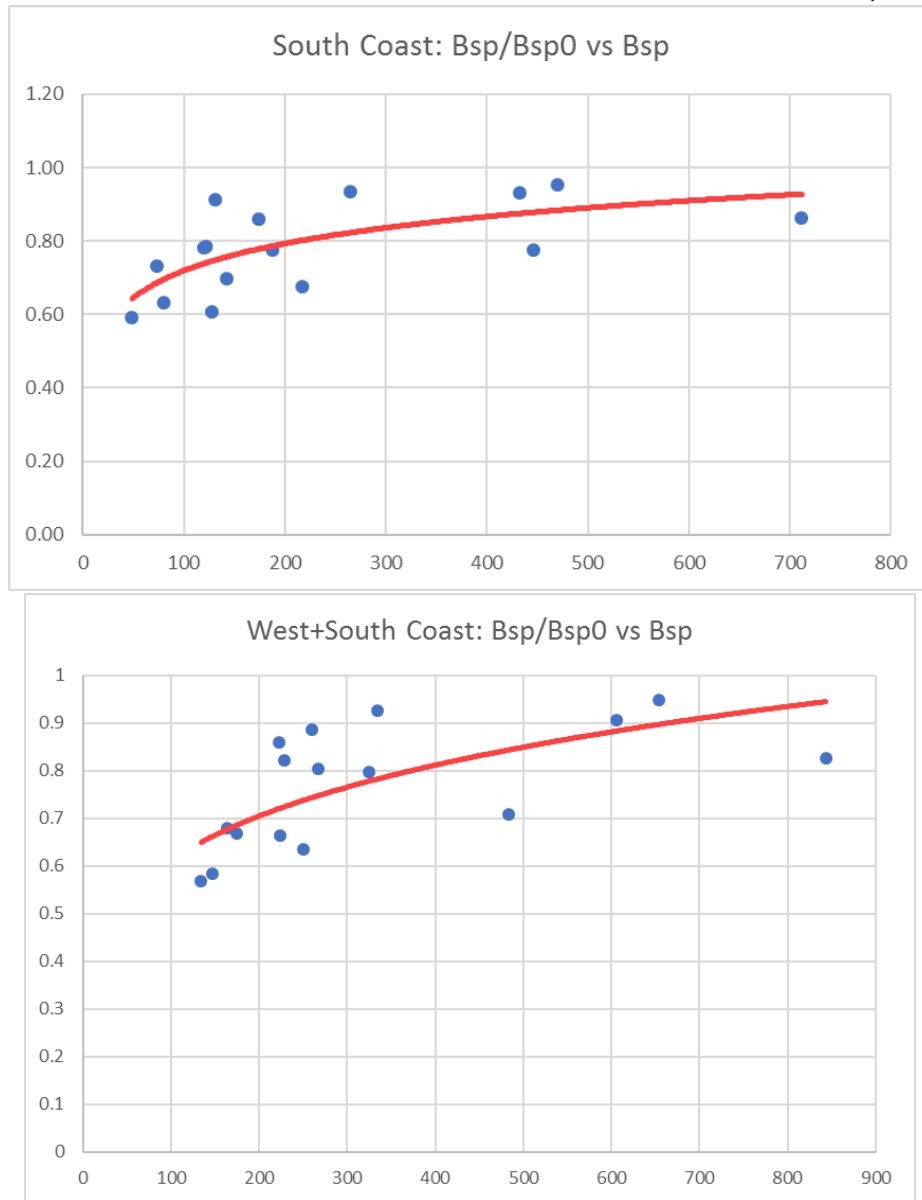


Figure 2. Relationship between the 'Catch' to 'No Directed Catch' spawning biomass ratio (y-axis) and the spawning biomass (x-axis) for the West Coast (first panel), South Coast (second panel), and West Coast + South Coast (third panel). **Plots are shown including values from 2000 to 2015 only**