



3rd WORKSHOP ON CONNECTING THE IOTC SCIENCE AND MANAGEMENT PROCESSES (SMWS03)

THE SCIENCE PROCESS AND
INTERPRETATION OF SCIENTIFIC ADVICE

IOTC Stock status and management needs

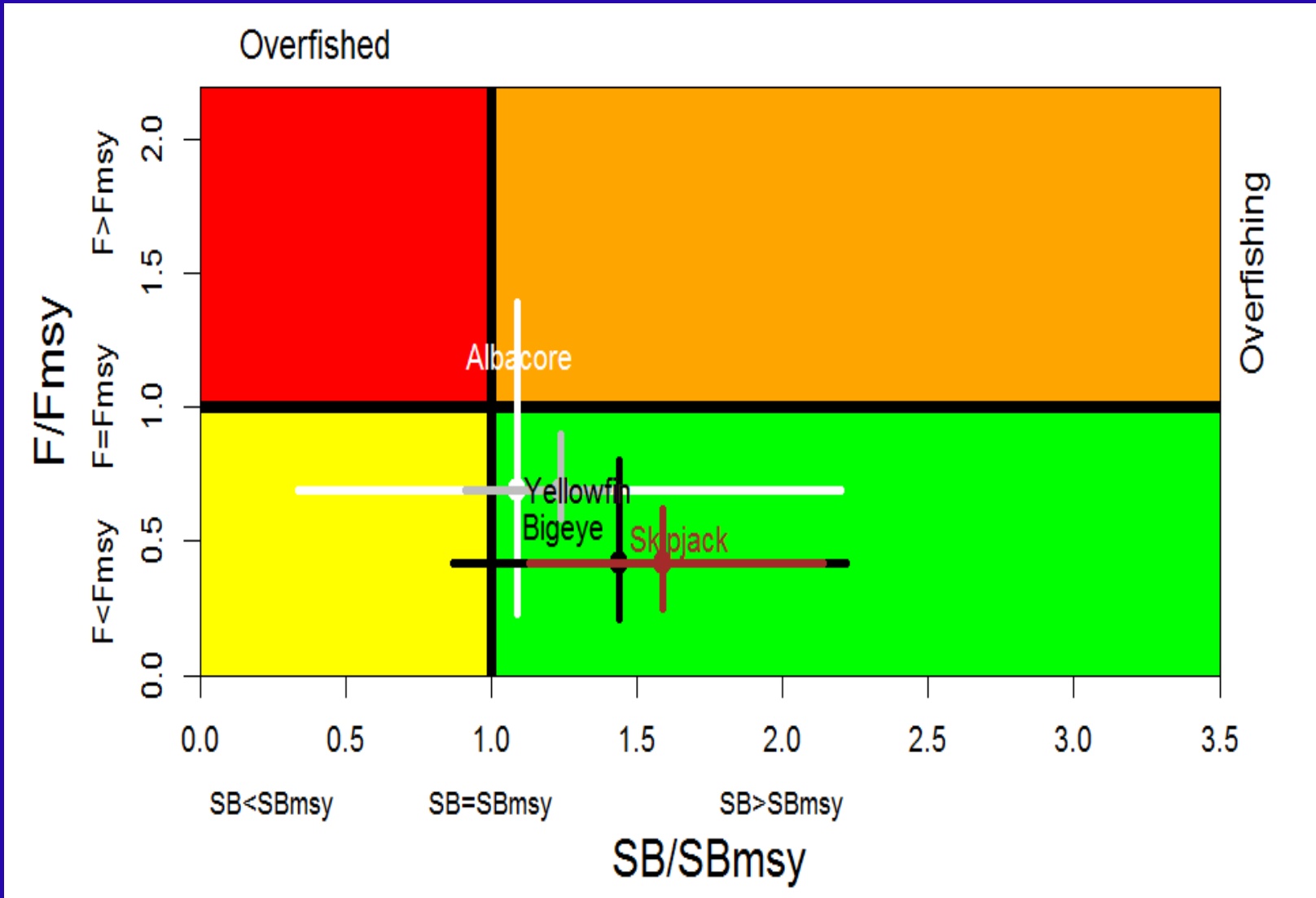
INDIAN OCEAN TUNA COMMISSION
Secretariat

(Presented by David T. Wilson)

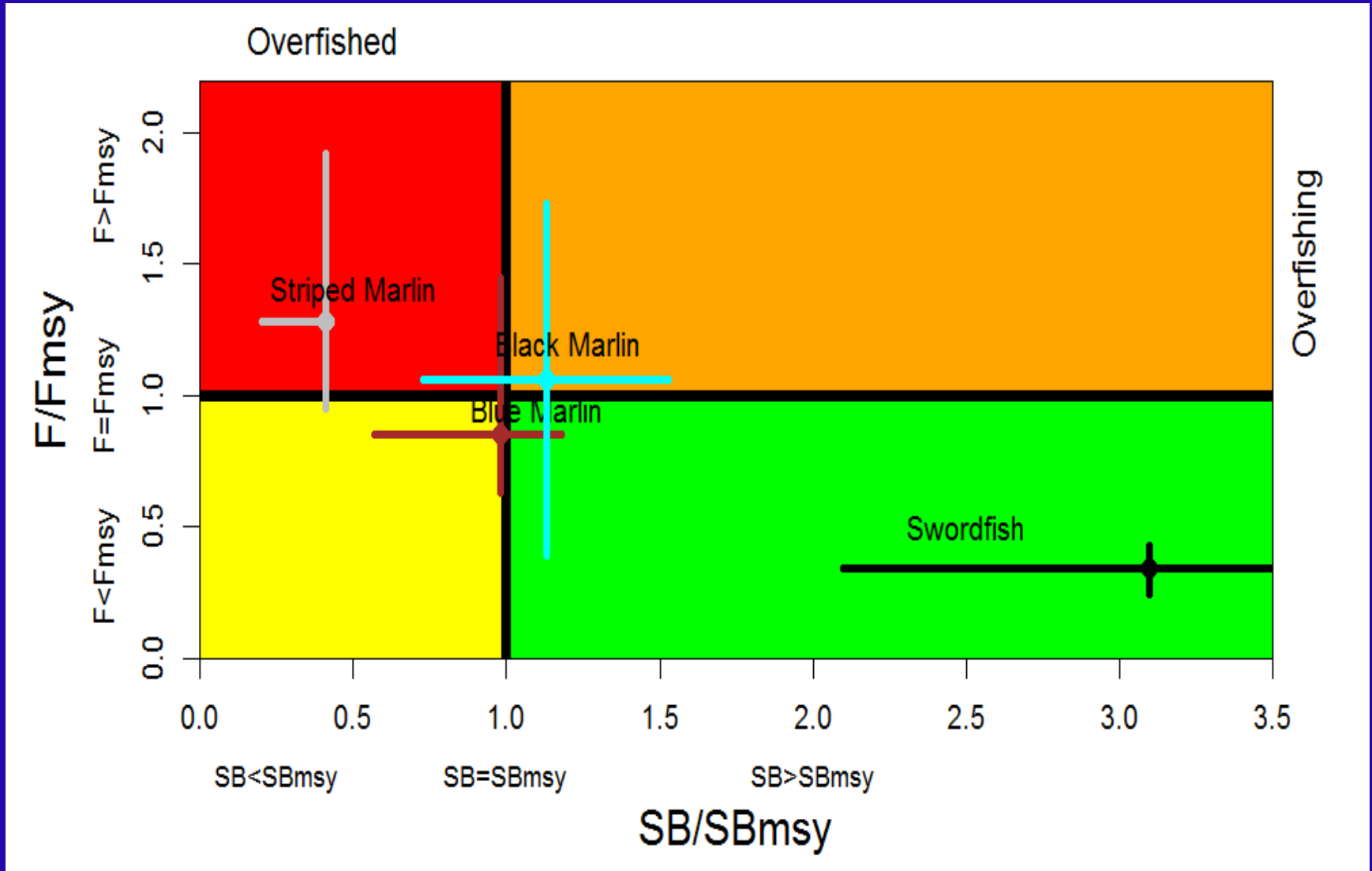


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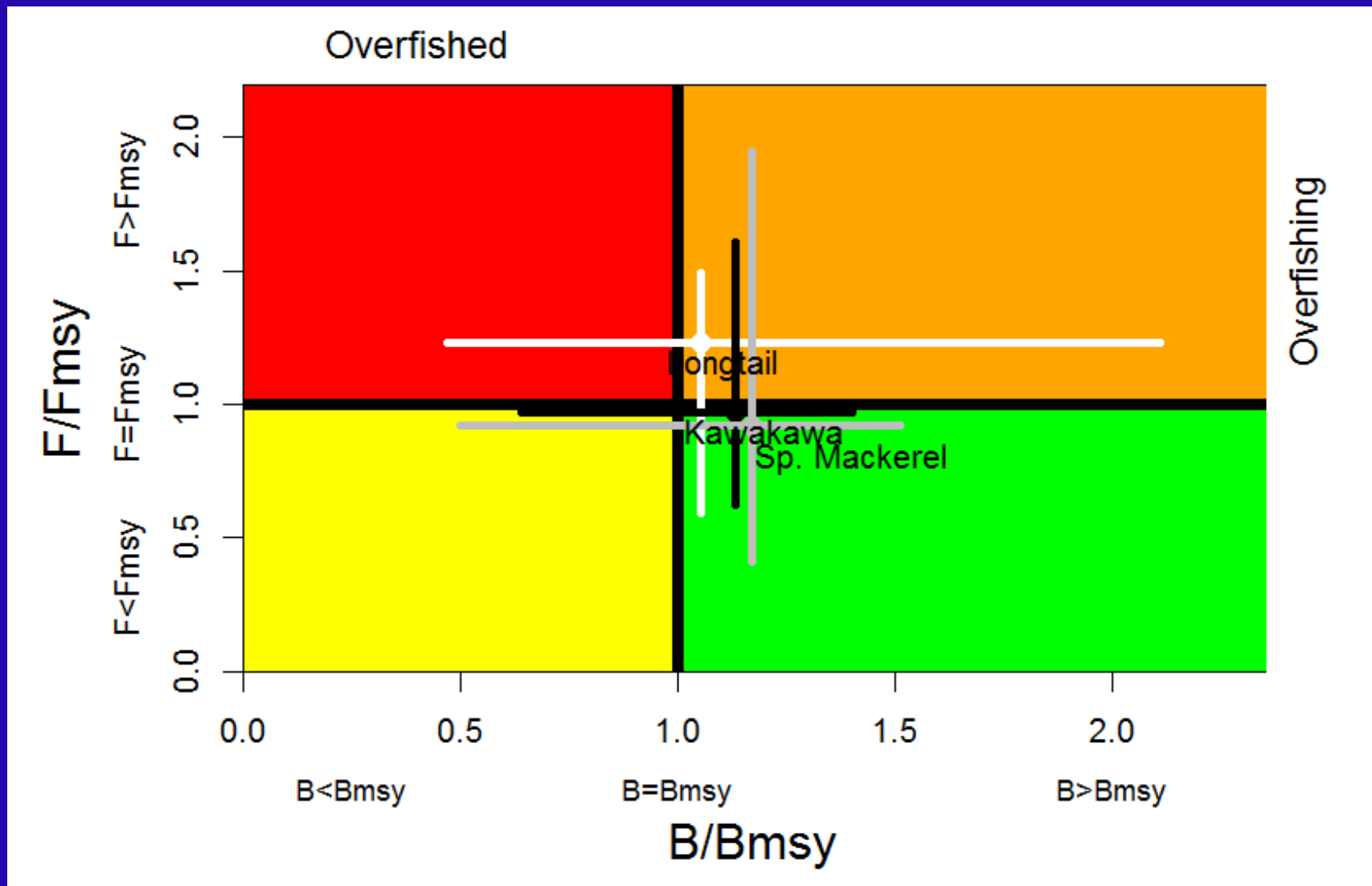
IOTC Stock Status: Tropical and temperate tunas



IOTC Stock Status: Billfish



IOTC Stock Status: Neritics



IOTC Stock Status

Of the 16 IOTC species (excluding southern bluefin tuna which is managed by CCSBT: see www.ccsbt.org), the following four stocks are currently considered to be overfished, subject to overfishing, or both:

Species/stock	Stock status
Black marlin (<i>Makaira indica</i>)	Subject to overfishing
Blue Marlin (<i>Makaira nigricans</i>)	Overfished
Striped marlin (<i>Tetrapturus audax</i>)	Subject to overfishing / Overfished
Longtail tuna (<i>Thunnus tonggol</i>)	Subject to overfishing

Colour key	Stock overfished ($B_{year}/B_{MSY} < 1$)	Stock not overfished ($B_{year}/B_{MSY} \geq 1$)
Stock subject to overfishing ($F_{year}/F_{MSY} > 1$)		
Stock not subject to overfishing ($F_{year}/F_{MSY} \leq 1$)		
Not assessed/Uncertain		