

## Conclusion

These results are preliminary and longer series are needed to go further in the analysis. Anyway considering the 4 years series analysed here, some preliminary conclusions can be stated: Senegalese *Octopus* appears to be more "r-selected" as it reaches maturity, recruits (at smaller sizes) and reach maximum sizes which appear to be less that stock at higher latitudes: this may have many implications from within the assumptions of our non-linear framework some of which (as compared to higher Latitude stocks) may be shortly listed as follows: (a) faster capacity for rehabilitation in case of low to very low orbits of stability or population collapse due to the combined effects from fishing mortality and environmental stress; (b) faster "turn over" speed or stock replacement (which will have implications on proposed exploitation strategies and ranges of sustainable catches) and –among other factors- (c) faster and stronger responses to environmental perturbations.

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