## 1) Introduction

The bobo croacker $P$. elongatus is assumed by CECAF as one single stock for Guinea-Bissau, Guinea, Sierra Leone and Liberia for assessment purposes. The consideration of one single stock for these 4 countries follows practical reasons and has no any biological basis.


## (2) Methods



Similarity of the results of both morphometry methods. Based on the correct classification, comparison test, and PCA results: individuals from Guinea- Bissau could be distinguished from individuals from Guinea.

## DEMERSTEM : WP1 - STOCK IDENTIFICATION Pseudotolithus elongatus - GUINEA BISSAU AND GUINEA <br> Jorge Landa¹, Ivone Czerwinski¹, Blanca Partida¹, Eva García-Isarch ${ }^{1}$, Carolina Acosta ${ }^{1}$, Iça Barri², Ibrahima Diallo ${ }^{3}$, Assana Camara², Neidimar Dosantos ${ }^{2}$, Diafodé Traore ${ }^{3}$, Jorge Landa ${ }^{1}$, Ivone Czerwinski¹, Blanca Partida ${ }^{1}$, Eva García-lsarch ${ }^{1}$, Carolina Acosta ${ }^{1}$, Iça Barrí2, Ibrahima Diallo ${ }^{3}$, Assana Cam Ousmane II Camara ${ }^{3}$, Pilar Rioja ${ }^{1}$, José F. González ${ }^{1}$, Javier Rey ${ }^{1}$, Jerome Guitton ${ }^{4}$



## (4) Conclusions (preliminary)

While data from life history traits do not show conclusive results, the two morphometric techniques (body shape-truss network and otolith shape) show more reliable information for stock identification. Following these techniques, two independent stocks of Pseudotolithus elongatus can be distinguished for Guinea-Bissau and Guinea. A more in-depth analysis of this information is being carried out and the results may be useful for fisheries assessment and management of this species.

The extension of this study to longer periods and to the southern areas considered as the same stock that Guinea Bissau-Guinea by CECAF (Sierra Leona and Liberia) is highly recommended.


