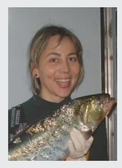
Drivers of the short-term changes of reproductive potential in *Scomber scombrus* and *Sardina pilchardus* in the North Iberian Peninsula Waters



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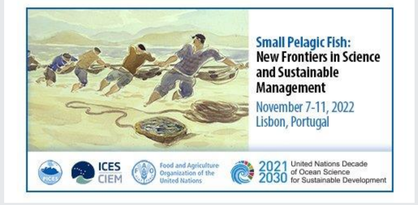
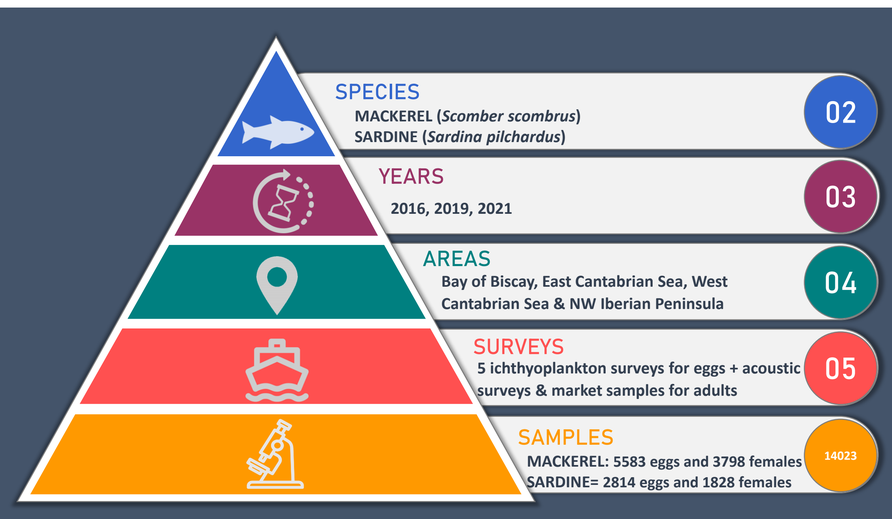
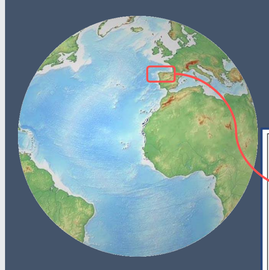
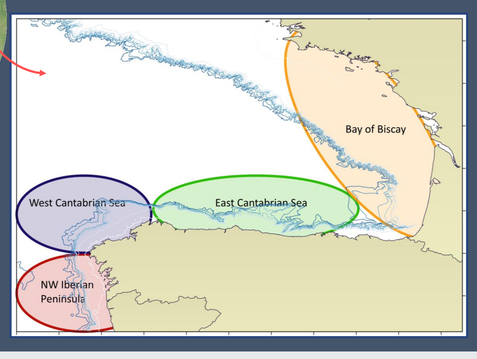


METHODS

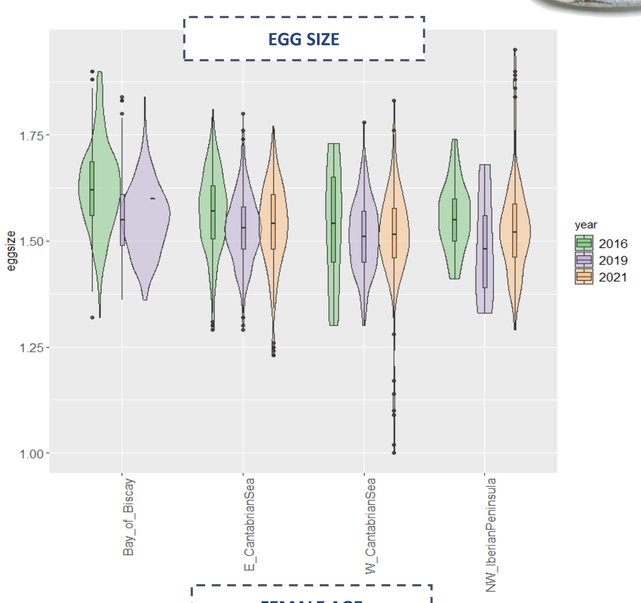




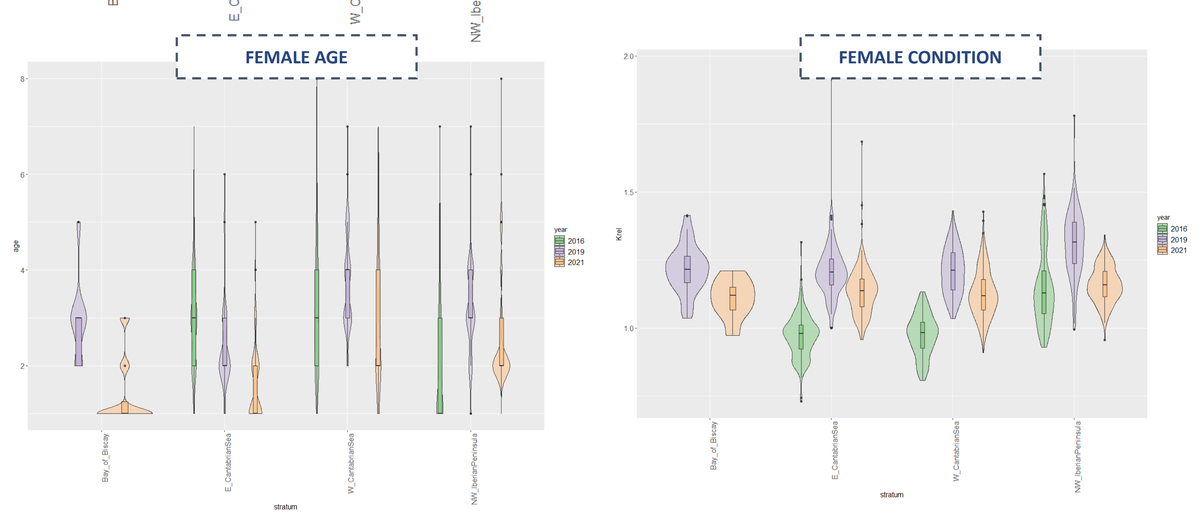


VARIABLES ANALYZED
EGG DIAMETER
FEMALE SIZE, WEIGHT AND AGE
FEMALE RELATIVE CONDITION (Le Cren)
TEMPERATURE AND SALINITY AT DIFFERENT DEPTHS

RESULTS SARDINE

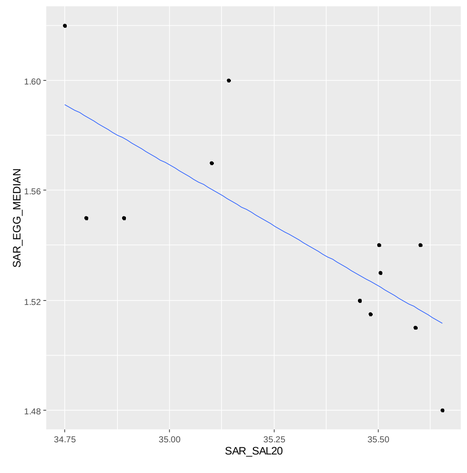


Significant differences for adult (age and condition) and egg (size) characteristics between AREAS and YEARS



SARDINE	DEPENDENT EGG SIZE
INDEPENDENT: FEMALE AGE	–
INDEPENDENT: FEMALE SIZE	*
INDEPENDENT: FEMALE RELATIVE CONDITION	.
INDEPENDENT: SALINITY AT 20M	**
INDEPENDENT: TEMPERATURE AT 20M	–

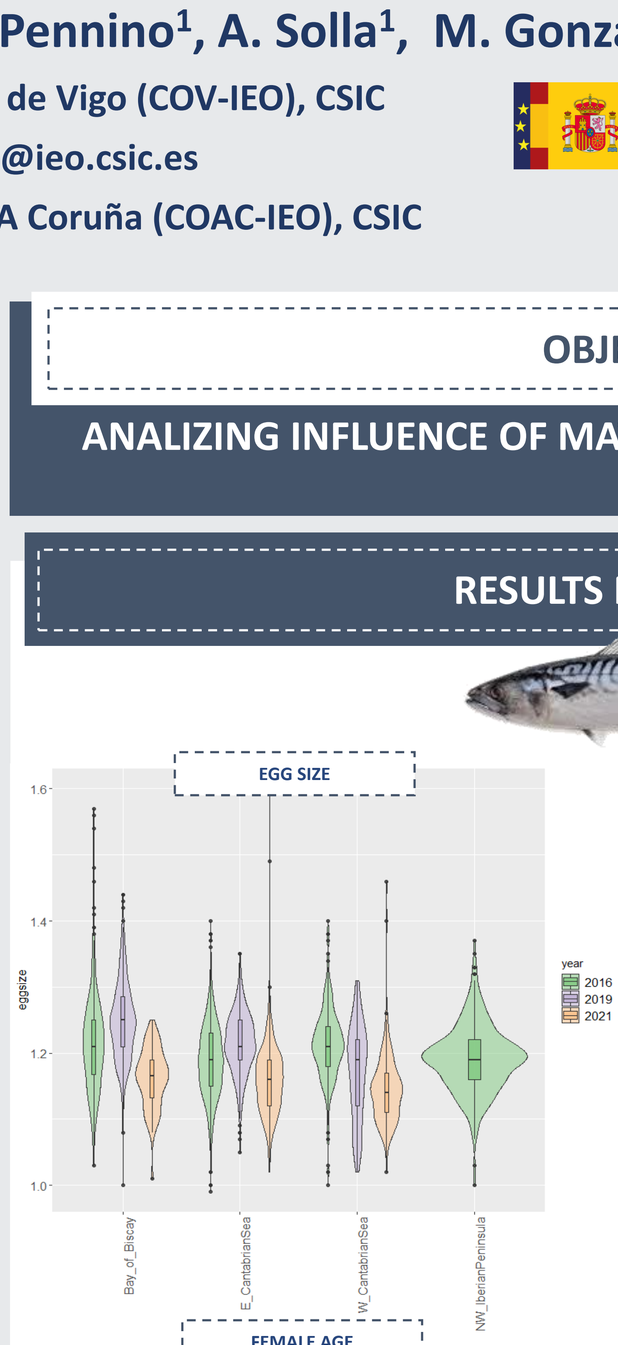
0 '***'; 0.001 '**'; 0.01 '*' ; 0.05 '.'; --- not significant



OBJECTIVE

ANALIZING INFLUENCE OF MATERNAL ATRIBUTES ON EGG SIZE

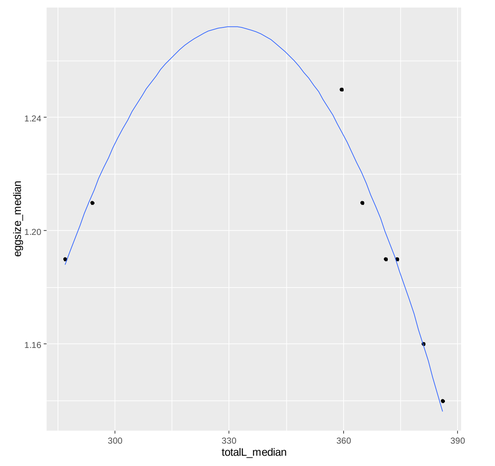
RESULTS MACKEREL



Significant differences for adult (age and condition) and egg (size) characteristics between AREAS and YEARS

MACKEREL	DEPENDENT EGG SIZE
INDEPENDENT: FEMALE AGE	*
INDEPENDENT: FEMALE SIZE	***
INDEPENDENT: FEMALE RELATIVE CONDITION	–
INDEPENDENT: SALINITY AT 20M	–
INDEPENDENT: TEMPERATURE AT 20M	–

0 '***'; 0.001 '**'; 0.01 '*' ; 0.05 '.'; --- not significant



CONCLUSIONS

MACKEREL EGG SIZE IS SIGNIFICANTLY AFFECTED BY THE AGE (AND SIZE) OF THE FEMALES

SARDINE EGG SIZE IS NEGATIVELY AFFECTED BY SALINITY AS WELL AS BY THE SIZE AND CONDITION OF THE FEMALES

ACKNOWLEDGEMENTS

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