

Albacore 2025



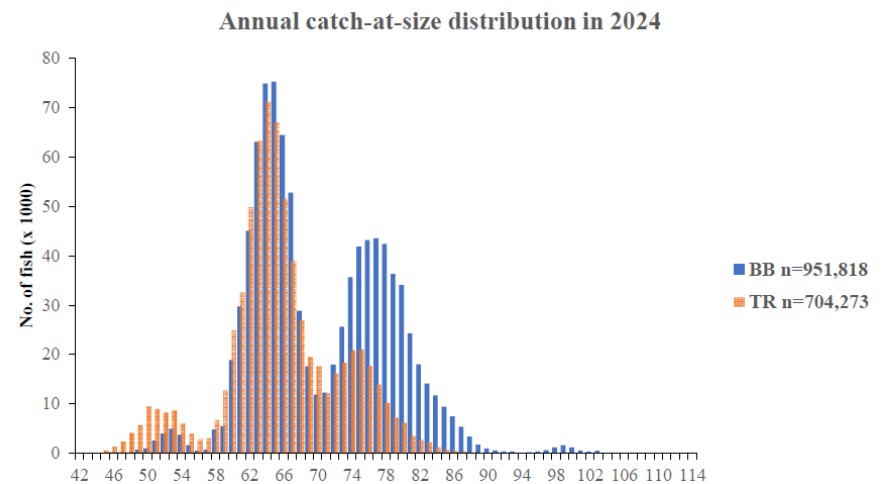
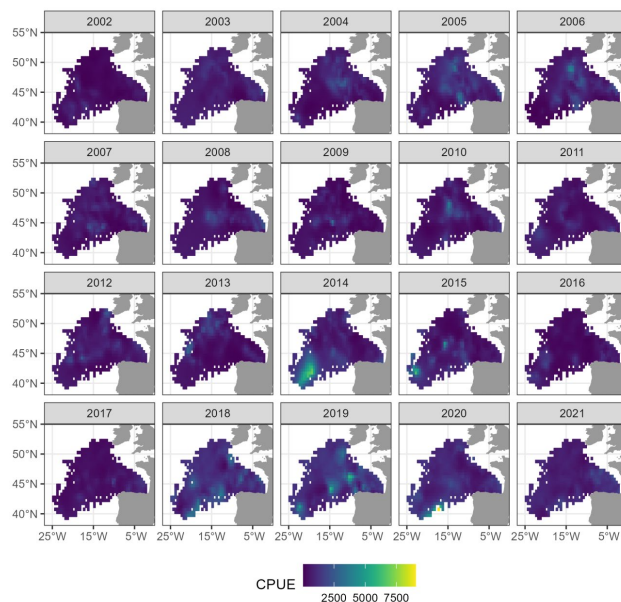
Foto: I. Onandia

Index

- New documents
- North ALB MSE
- South ALB MSE
- Responses to the Commission
- Workplan
- Recommendations

New documents

- New info on Spanish surface fishery (Doc 174)
- Strict updates for indices (Japan LL (181), TaiLL, USLL, Spain BB (175).
- New spatiotemporal models for spanish baitboat, trolling, and combined index (170)



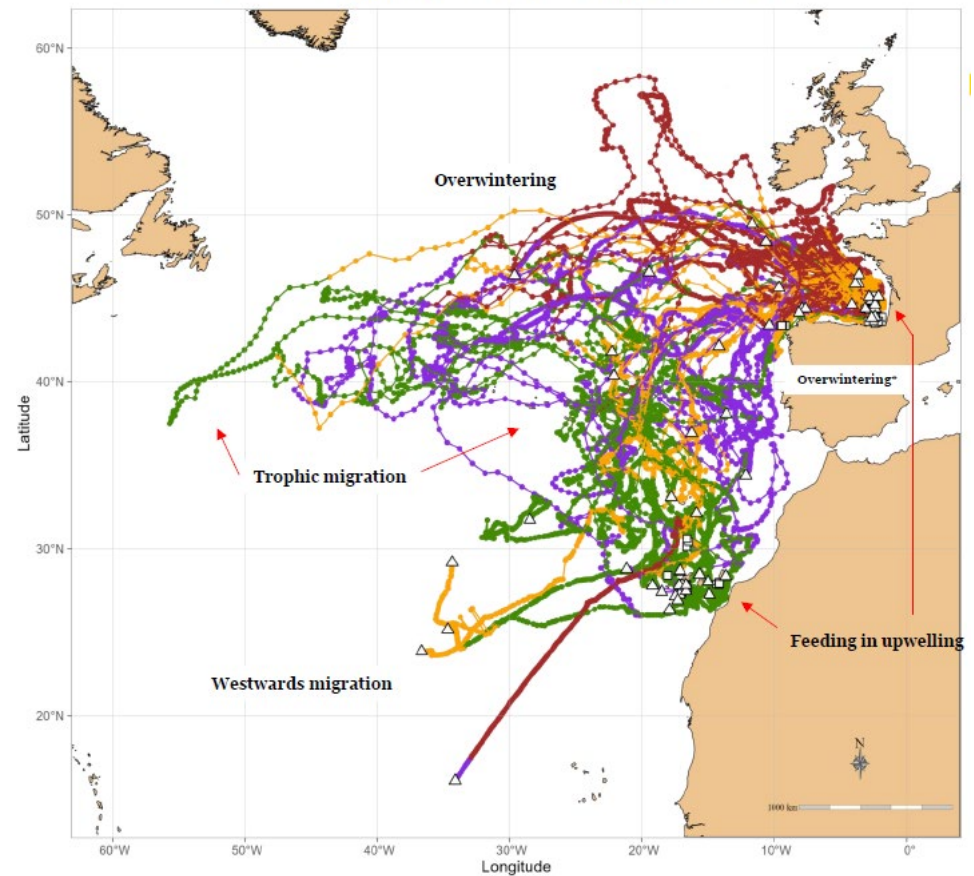
ALBYP (SCRS/P/70) e-tagging

- 70 IATs deployed in 2024, 21 recoveries (14% overall recovery rate)
- 50 tracks, >9000 days
- 16 full year tracks
- First 2 year track

-> fidelity to Bay of Biscay

-> Some overwinter in the NE Atlantic

ALB eTagging 2019/2025 by season



RECOMPENSA

GOVERNO DOS AÇORES

1.000 €

DEVOLUÇÃO DE PULAS MARCAS ELETRÓNICAS IMPLANTADAS EM ATUMS VANDER E RABIA

marca convencional

marca eletrónica

marca convencional

marca eletrónica

PROCEDIMENTO PARA OBTER RECOMPENSA

1. NO MAR: Guardar o peixe inteiro com a marca eletrónica intacta no seu interior. Nunca retirar a marca puxando pelo sensor da luz (antena).

2. AO CHEGAR AO PORTO: NOTIFICAR a DIF com as informações acima, acrescidas de (3) nome do barco, (4) arte de pesca, (5) e seu nome e morada, para: DIREÇÃO REGIONAL DAS PISCAS - AÇORES: Telefone: (+351) 292 202 496 / 292 202 400 e-mail: Dica.DIC@regaraem.gov.pt e info.DIF@araem.gov.pt

AZTI: Tel.: (+34) 948 874 000 / e-mail: tag@azti.es

ICCAT: International Commission for the Conservation of Atlantic Tunas, Madrid, Tel.: (+34) 91 4165600. E-mail: info@iccat.int

Os peixes serão recolhidos para fins científicos. Por favor, entregue-os aos amostradores no porto.

CONTACTO: Para qualquer dúvida, não hesite em consultar a DIF (Dilvia Reis) por telefone ou e-mail. Serão fornecidas instruções adicionais sobre como e onde entregar os peixes com as marcas, para receber a recompensa.

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RECOMPENSA

DSEIMar

1.000 €

DEVOLUÇÃO DE PULAS MARCAS ELETRÓNICAS IMPLANTADAS EM ATUMS VANDER E RABIA

marca convencional

marca de arquivo

marca convencional

marca de arquivo

PARA OBTENIR A RECOMPENSA:

1. NO MAR: Conservar o peixe INTERIO, com a marca no interior. Nunca retirar a marca eletrónica puxando a antena (imprescindível APERTAR). (1) Número das marcas, (2) Localização e Data da recaptura

2. AO CHEGAR AO PORTO: REGISTAR a informação anterior e (3) nome do barco, (4) arte de pesca, (5) o seu nome e morada. Utilizar uma das seguintes vias: LOTA FUNDAL, p/ps, Direção Regional do Mar: Telefone: (+351) 291203200. Correio eletrónico: lota.fundal@regaraem.gov.pt

AZTI: Telefone: (+34) 948 874 000 / e-mail: tag@azti.es

ICCAT: Comissão Internacional para la Conservación del Atún Atlántico, Madrid, Teléfono: (+34) 91 4165600. Correo electrónico: info@iccat.int

Posteriormente o peixe deverá ser enviado ou entregue à equipa de amostradores no porto.

CONTACTO: Para qualquer questão não hesite em consultar e telefonar ao correio electrónico de AZTI.

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REWARD

Marine Institute

1.000 €

OFFERED FOR ARCHIVAL TAGS IMPLANTED IN ALBACORE AND BLUEFIN TUNA

conventional tag

archival tag

conventional tag

archival tag

PROCEDURES FOR GETTING YOUR REWARD:

1. AT SEA: Keep the whole fish with the archival tag. Do not remove the archival tag by pulling on the light sensor! NOTE: (1) Tag numbers, (2) Location and date of recapture

2. IN THE PORT: NOTIFY the recaptor with the information above and (3) vessel name, (4) fishing gear, (5) your name and address in one of the following: - MARINE INSTITUTE (Ireland): scientific.enquiries@mi.ie - AZTI (Spain): Telephone: +34 948 874 000 / e-mail: tag@azti.es - ICCAT: International Commission for the Conservation of Atlantic Tunas, Madrid, Tel.: (+34) 91 4165600. e-mail: info@iccat.int

The fish will be collected for scientific purposes, please give it to local scientists/balers.

CONTACT: Inquest can also be made to AZTI phone or email. Additional instructions will be provided on how and where to provide the fish with the tags to receive the reward.

Co-funded by the European Union

RECOMPENSA

AZTI

1.000 €

PARA LA DEVOLUCIÓN DE MARCAS ARCHIVO IMPLANTADAS EN ATÚN BLANCO Y ATÚN ROJO

marca convencional

marca archivo

marca convencional

marca archivo

PARA OBTENER LA RECOMPENSA:

1. EN LA MAR: Conservar el pez ENTERO, con la marca en el interior. Nunca sacar la marca archivando tirando de la antena (imprescindible APERTAR). (1) Número de las marcas, (2) Posición y fecha de la recaptura

2. AL LLEGAR AL PUERTO: NOTIFICAR la información anterior y (3) nombre del barco, (4) arte de pesca, (5) tu nombre y dirección. Utilizar una de las siguientes vías: - ICCAT: Comisión Internacional para la Conservación del Atún Atlántico, Madrid, Teléfono: (+34) 91 4165600 - AZTI: Teléfono: (+34) 948 874 000 / Correo electrónico: tag@azti.es - ICCAT: International Commission for the Conservation of Atlantic Tunas, Madrid, Tel.: (+34) 91 4165600. e-mail: info@iccat.int

Posteriormente el pez se enviará o entregará a muestreadores en puerto.

CONTACTO: Para cualquier cuestión no dudes en consultar en el teléfono o correo electrónico de AZTI.

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RÉCOMPENSE

Ifremer

1.000 €

OFFERTS POUR DES MARQUES ARCHIVES IMPLANTÉES SUR DES GERMONS ET DES THONS ROUGES

conventional

archival

conventional

archival

PROCÉDURES POUR L'OBTENTION DE LA RÉCOMPENSE:

1. EN MER: Garder le poisson ENTER, avec la marque archive à l'intérieur - ne retirez jamais la marque archive en tirant sur l'antenne

2. AU PORT: NOTIFIER les informations ci-dessus et (3) le nom du bateau, (4) l'engin de pêche utilisé, (5) votre nom et votre adresse, à l'une des adresses: - IFREMER Tel.: +33(0)232377 - e-mail: Tristan.Rouper@ifremer.fr - AZTI (Spain - Espagne) Tel.: (+34) 948 874 000 / e-mail: tag@azti.es - ICCAT: International Commission for the Conservation of Atlantic Tunas, Madrid, Tel.: (+34) 91 4165600. e-mail: info@iccat.int

CONTACT: Vous pouvez aussi contacter directement par téléphone ou par e-mail. Des informations supplémentaires vous seront fournies au sujet de l'acheminement des poissons

Co-funded by the European Union

謝礼

AZTI

1.000 €

ピンガとクロマログの体内電子標識回収に対して還金

conventional tag

archival tag

conventional tag

archival tag

謝礼を受け取るまでの流れ:

1. 船上で: 標識をつけたまま魚体の確保をお願いします。アンテナを動かさず回収してください。船荷役員としてITD 標識回収用 海面投棄と海面回収 両取扱いをお願いします。

2. 本船で: 船荷役員 (1) (2) に加えて、船名、船種、船荷役員の氏名と住所 (所属機関名、電話番号、住所、メールアドレス) を下記までご連絡ください。必要書類を郵送: tag@ifremer.fr、e-mail: info@azti.es、info@iccat.int

魚体は研究用魚として扱われます。漁業調査研究等にまでご連絡ください。魚体の過剰な処分と過剰な投棄についてお断りいたします。

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獎賞

Marine Institute

1.000 €

黑鮪及長鳍鮪標識樣本獎勵

conventional tag

archival tag

conventional tag

archival tag

黑鮪及長鳍鮪標識樣本獎勵領取辦法

1. 船上上り: 賞金獲得条件は標識、標識使用状況や標識回収記録。標識樣本を記録: (1) 標識代碼、(2) 漁獲日期地點。

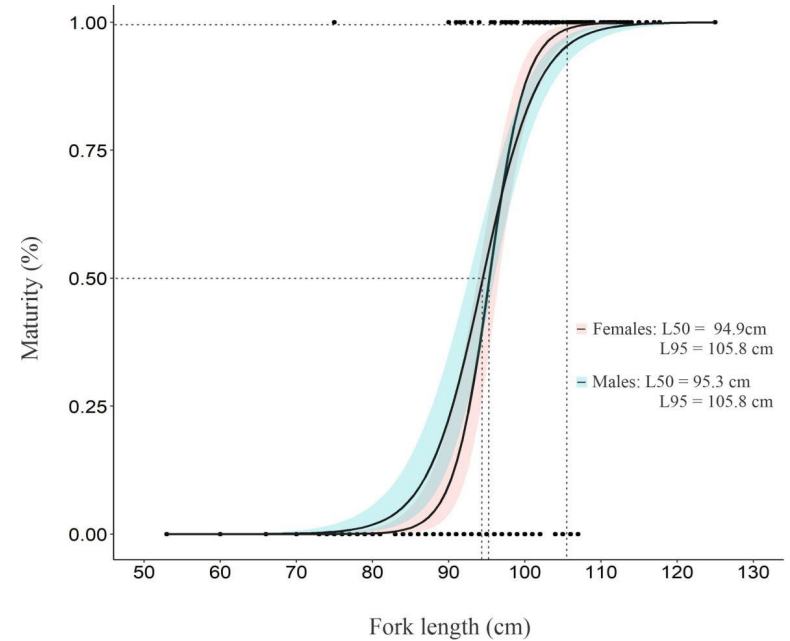
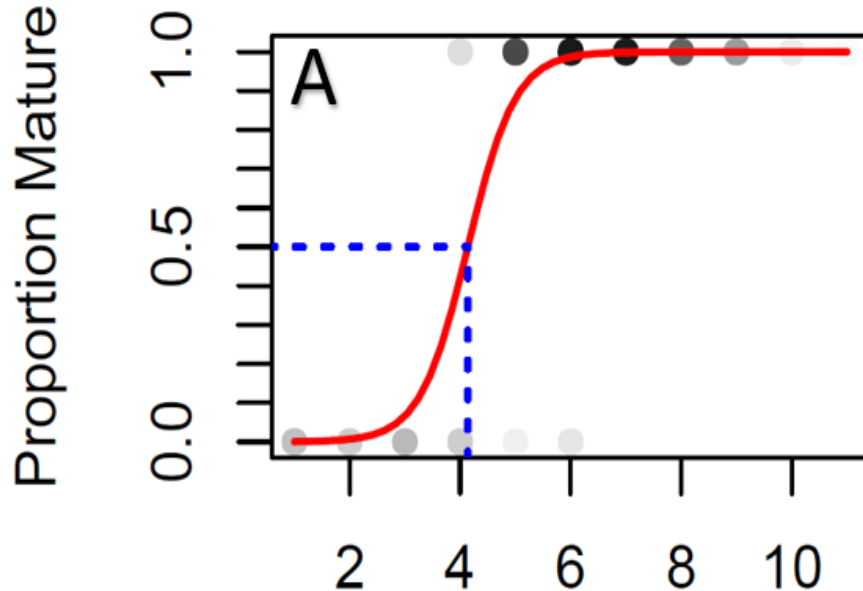
2. 岸上送り: 標識上送資料送付: (3) 船名、(4) 使用漁具、(5) 姓名與地址、通知以下任一單位: - 國立海洋生物博物館、電話: +886-2-2862-2192/5046、電子信箱: nmib@nmib.gov.tw - 漁業資源管理與漁業資料、電話: +886-2-2383-9911、電子信箱: fish@nmib.gov.tw - 南澳生物科學研究中心(AZTI)、電話: +34-948-874-000、電子信箱: tag@azti.es - 大西洋藍鰭魚漁獲管理委員會(ICCAT)、電話: +34-914-165-6000、電子信箱: info@iccat.int

本中心以研究用途為主。漁獲標識樣本回收交予各資料學家或技術單位。標識回收、標識海或水面投棄以電報或電子信箱如何轉發標識樣本或漁獲資訊。

Co-funded by the European Union

Archival tagging Reward posters

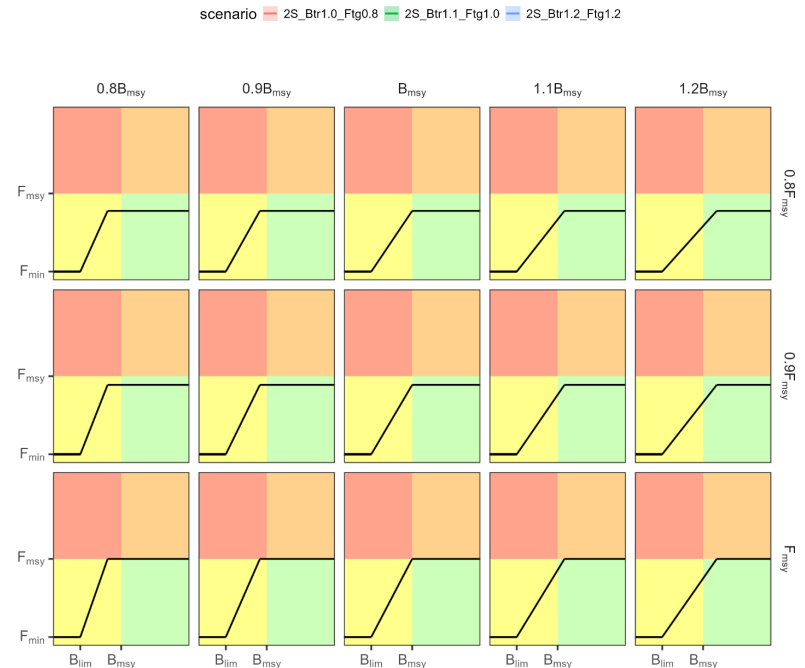
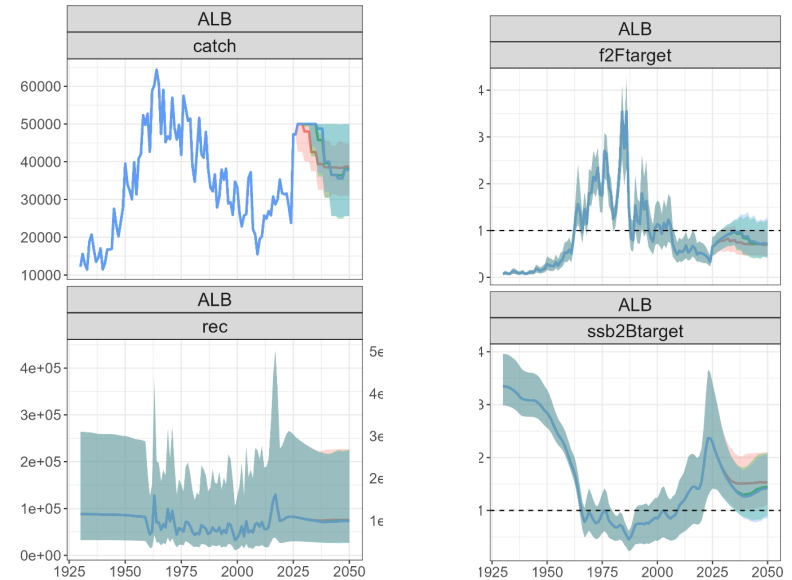
ALBYP: Reproductive biology



- New results presented for North (doc 211) and South (doc 225), but need additional samples to finalize the study

North ALB MSE

- New MSE framework (docs 72,73,74):
 - Conditioning of reference and robustness Oms adopted.
 - Observation error model with historical uncertainty adopted.
 - Test of current MP and model based alternatives
 - Higher MSYs than before, max TAC hit more often.
 - New TSD: https://iccat.github.io/nalb-mse-2/TechSpec/Trial_Specs.html



North ALB MSE (2026)

- Next steps to finalize new MSE:
 - Feedback with Panel 2 on performance statistics, alternative MPs, tuning (March intersessional).
 - Test alternative MPs (empirical, mostly constant catch...)
 - Tuning
 - Finalize new MSE with alternative MPs

South ALB MSE

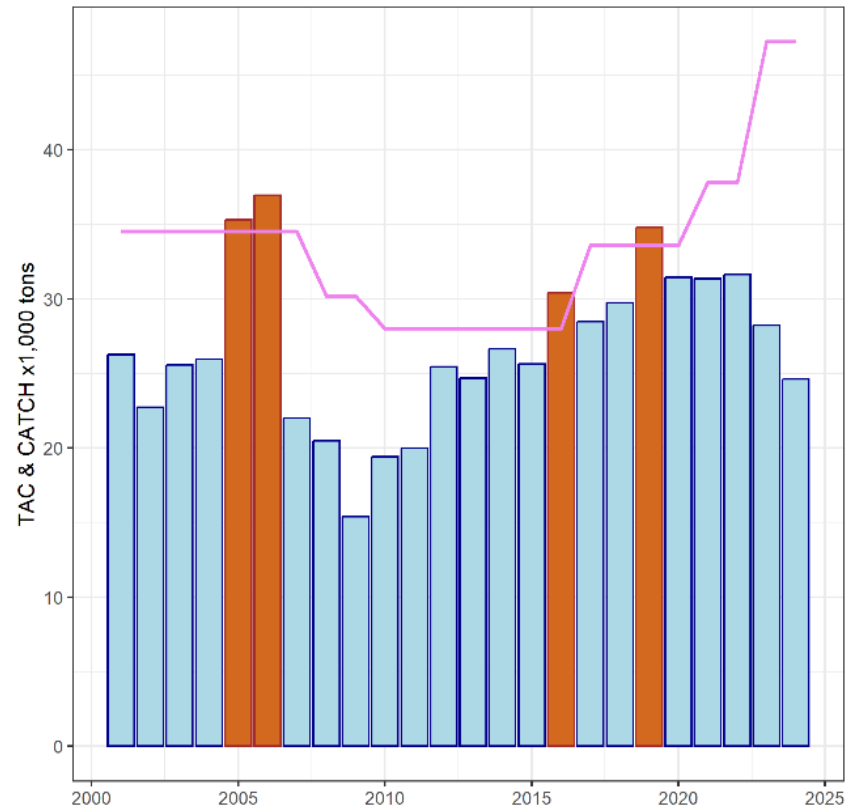
- Initial MSE for South Atlantic albacore to support adoption of a simulation-tested MP was conducted during 2025
- **SALB MSE Technical Team** (Reviewed by ALB SG & SCRS)
- GitHub: <https://github.com/blue-matter/SALB-MSE> • Site: <https://salb-mse.bluematterscience.com/> • TSD: <https://salb-mse.bluematterscience.com/TS.html>
- **OM Conditioning:** From Stock Synthesis using the 2020 assessment datasets (1956–2018).
- **Uncertainty:** (1) 200 stochastic life-history draws; (2) 9-OM grid varying **M** and **h**.
- **Performance:** Preliminary indicators vs the four objectives in **Res. 24-09**; see **SCRS/2025/192**.
- **Next steps (2026):** Update OMs considering key aspects of life history parameters and new assessment outputs.

Exceptional Circumstances

Response to Rec 21-04 Par. 4

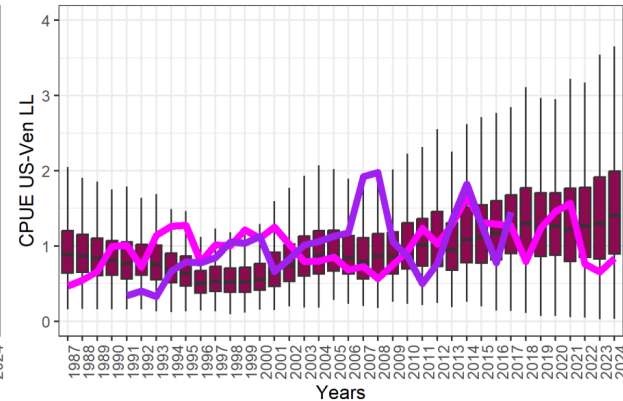
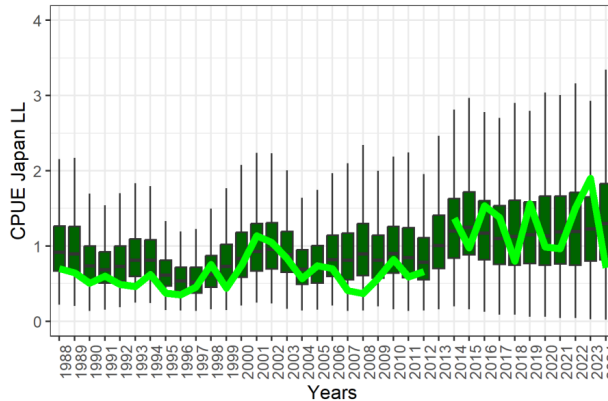
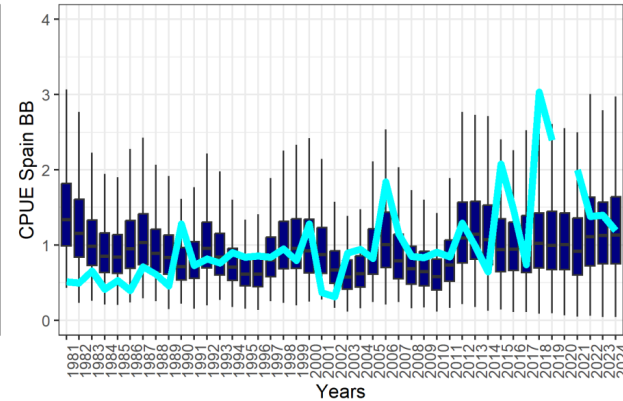
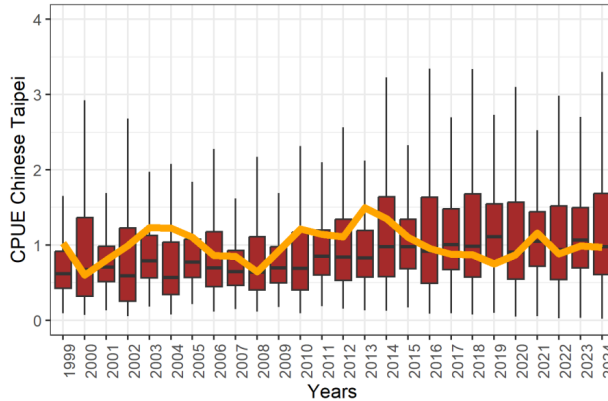
<i>Principle</i>	<i>Indicator</i>	<i>Criterion</i>	<i>Frequency of evaluation of Exceptional Circumstances</i>
a. Stock dynamics	Relative stock biomass (B/B_{MSY}) ¹	Falls outside the 2.5% and 97.5% percentile range of values in any year from the OMs used in the MSE when the accepted MP was tested	Each benchmark stock assessment (every 6-7 years)
	Relative fishing mortality (F/F_{MSY}) ¹		
	Growth ²	Are substantially different from the values from the OMs used in the MSE when the accepted MP was tested	After completion, presentation, and acceptance by the SCRS of a study as the new reference
	Maturity ²		
	Natural mortality ²		
	CPUE ³	Falls outside the 2.5% and 97.5% percentile range of values in any year from the OMs used in the MSE when the accepted MP was tested	Annually
b. Application of the MP	CPUE	If two or more series have not been updated for two or more years. If two or more series are determined to no longer reflect abundance	Each MP iteration (every 3 years)
	Catch	Catch data are unavailable or substantially unreported	Each MP iteration (every 3 years)
	Relative stock biomass (B/B_{MSY}) ⁴	Values from the production model in an iteration of the MP fall outside the 2.5% and 97.5% percentile range of values in any year produced by the accepted MP's production model during MSE testing	Each MP iteration (every 3 years)
	Relative fishing mortality (F/F_{MSY}) ⁴		
c. Implementation of the TAC	Catch	Total catch is above by more than 20% the TAC set using the MP	Annually

MSE: Exceptional Circumstances



- 2024 catch below TAC

MSE: Exceptional Circumstances



- CPUEs within 2.5%-97.5% percentile range
-> no exceptional circumstances detected

Response to Comm MED

- ***19.5. The SCRS shall provide an updated assessment of the state of the stock on the basis of the most recent data available, Rec. 24-08, para 11***
 - Major uncertainties—particularly regarding catch data and the treatment of the larval index— remain and continue to preclude a robust new assessment. It therefore advises that the next full assessment be scheduled not before 2027 and when these major uncertainties are addressed.

ALB: Workplan 2026

2 intersessional meetings for SALB assessment and NALB MP iteration.

SOUTH:

- SS3 assessment
- MSE development:
 - Define Reference and Robustness OMs
 - Performance indicators
 - Define MPs
 - Document
- ALBYP: Reproduction + tagging

ALB: Workplan 2026

NORTH:

- Update índices
- Run MP
- Apply EC protocol
- New MSE:
 - Feedback PA2
 - Test alternative MPs
 - Document
- ALBYP: reproduction + aging, tagging

MEDITERRANEAN:

- Research:
 - Recovery of catch statistics and building alternative catch scenarios
 - Albacore specific calibration for the larval index
 - Growth model

ALB: Recommendations

With € (by order of priority)

- • MSE development (North and South)
- • Mediterranean larval survey calibration
- • Biological studies (finalize reproductive and aging studies in north and south).
- • Development of a Joint Northeast Atlantic juvenile index
- • E-tagging (North)
- • E-tagging (South)

Without €

- Improve Mediterranean task 1 and work on potential catch scenarios
- Further refine Mediterranean research priorities (online meeting)

Aknowledgements

*Thanks to the members of the ALB working group and
ICCAT Secretariat for all the work*