Remarque : les champs notés \* sont obligatoires

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| Titre anglais \* | **Raw data concerning the carbonate system and the sensory behaviour of juvenile *Dicentrarchus labrax* in response to mechano-acoustic and visual predator cues under ocean warming and acidification** |
| Image d’illustration et sa légende \* | …  Exemple : une photo du capteur |
| Etendue temporelle \* | 2020-09-18 – 2020-12-18 |
| Etendue géographique | 48.35 (lat), -4,56 (long) |
| Profondeur en mètre | NA |
| Liste ordonnée des auteurs du jeu de données \* | |  |  |  |  | | --- | --- | --- | --- | | Nom ; prénom | Email | Orcid | Affiliation (s) | | Cohen-Rengifo; Mishal | mishal.cohen.r@gmail.com | 0000-0003-3404-1479 | IFREMER, PFOM-ARN, F-29280, Plouzané, France | | Mazurais; David | David.Mazurais@ifremer.fr | 0000-0002-5686-2510 | IFREMER, PFOM-ARN, F-29280, Plouzané, France | | Bégout; Marie-Laure | mlbegout@ifremer.fr | 0000-0003-1416-3479 | MARBEC, University of Montpellier, CNRS, IFREMER, IRD, 34250 Palavas-les-Flots, France |   Remarque : ajouter des lignes si nécessaire |
| Liste ordonnée des contributeurs du jeu de données \* | |  |  |  | | --- | --- | --- | | Nom ; prénom | Email | Orcid | | Cohen-Rengifo; Mishal | mishal.cohen.r@gmail.com | 0000-0003-3404-1479 | |  |  |  | |  |  |  | |
| Description en anglais \* | This data set is linked to a study that sought to investigate whether a mid-term 92-days exposure to warming and/or acidification alters the response to visual or mechano-acoustic predator cue in the European sea bass *Dicentrarchus labrax* when it comes to detect and avoid simulated avian predator cues. Juveniles, aged between 283 to 316 days post hatching, were challenged in separate behavioural trials to assess their reaction facing either a shadow (visual cue) or a falling object (mechano-acoustic cue). These cues were intended to mimic an overflying bird shadow or a bird swoop attack, respectively.  Abbreviations for the kinematic behavioural variables evaluated during the behavioural tests are available in the 1th tab.  To follow the best practices of ocean acidification, the 2st and 3nd tabs show daily measurements of temperature and pH (in NIST scale). The 4rd tab shows weekly measurements of salinity, oxygen, total alkalinity, temperature and pH (in NIST and total scale) that were used to calculate the carbonate system parameters, which is also shown in the 3rd tab.  Total body length (in cm, from the nose tip to end of caudal fin) was measured upon arrival in a sample of 74 alive individuals (5th tab) or in 165 dead individuals after the visual tests (6th tab) and in 201 dead individuals after the mechano-acoustic tests (7th tab). Data sets for both the visual tests (6th tab) and the mechano-acoustic tests (7th tab) were used to run the linear mixed-effects models. |
| Liste de mots clés en anglais | raw data, carbonate system parameters, physico-chemical parameters, sensory ecology, escape response, predator-prey, vision, mechano-audition, ocean warming, ocean acidification |
| Limite d’utilisation | EMSO data are published without any warranty, express or implied. The user assumes all risk arising from his/her use of EMSO data. EMSO data are intended to be research-quality, but it is possible that these estimates or the data themselves contain errors. It is the sole responsibility of the user to assess if the data are appropriate for his/her use, and to interpret the data, data quality, and data accuracy accordingly. EMSO welcomes users to ask questions and report problems to the contact addresses listed in the data files or on the EMSO web page. |
| Remerciements | The authors are thankful to the whole ARN laboratory, to the IFREMER members Philippe Miner, Pierrick Le Souchou, Xavier Cousin, Cyril Noël, Aurélien Lledo, Jean-Pierre Lafontaine, and to the intern Laura Buchet. |
| Thématique(s) \* | * Administration and dimensions * Atmosphere * Biological oceanography * Chemical oceanography * Cross-discipline * Cryosphere * Economy * Environment * Fisheries and aquaculture * Marine geology * Physical oceanography * Terrestrial   Merci de surligner une ou plusieurs thématiques |
| Articles associés | Lister les DOI des articles qui exploitent le jeux de données |
| Jeux de données associés | NA  Lister les DOI des jeux de données qui exploitent le jeu de données |
| Description du déploiement et des capteurs  (Recommandé) | NA   |  |  | | --- | --- | | **Parameters**  - …  **Location**  - Regional node: Emso-Azores  - Site:  - Node:  - Coordinates:  - Depth:  **Installation**  - Cruise:  - Dive:  **Recovery**  - Cruise:  - Dive:  **Operating parameters**  - Sampling period:  - Anti-fouling device :  **Sensor metadata**  - Type:  - Model:  - Firmware:  **Sensor configuration**  - …  **Test and calibration**  - …  **Data management**  - Real time data transmission: No | Exemple :  **Parameters**  - Heading, Pitch and Roll (deg)  - Water temperature (°C)  - West->East Velocity for cell 1 to 128 (mm/s)  - South->North Velocity for cell 1 to 128 (mm/s)  - UP (to surface) Velocity for cell 1 to 128 (mm/s)  - Velocity Error (mm/s)  **Location**  - Regional node: Emso-Azores  - Site: Lucky Strike  - Node: EGIM  - Coordinates: N37° 17' 19.61'' and W32° 16' 33.06''  - Depth: 1700 m  **Installation**  - Cruise: SARRADIN Pierre-Marie, CANNAT Mathilde (2017) MOMARSAT2017 cruise, RV Pourquoi pas ?, http://dx.doi.org/10.17600/17000500  - Dive: N°673-7 on July the 20th  **Recovery**  - Cruise: CANNAT Mathilde, LEGRAND Julien MOMARSAT2018 cruise, Atalante, http://dx.doi.org/10.17600/17000500  - Dive: N°696-1, August 2018 the 12th  **Operating parameters**  - Sampling period: 6 min  - Anti-fouling device: No  **Sensor metadata**  - Type: ADCP  - Model: RDI Workhorse 300Khz sn 21582  - Firmware: V50.40  **Sensor configuration**  - No bottom track  - 128 cells  - Cell size: 1m  - 20 pings per ensemble  **Test and calibration**  - Manufacturer calibration (2016)  - Pressure qualification test  **Data management**  - Real time data transmission: No | |
| Fichiers de données | Merci de nous adresser, en complément de ce fichier de métadonnées, vos données sous la forme d’un ou de plusieurs fichiers. Privilégiez idéalement les formats ouverts (ex CVS vs Excel). Si le nombre de fichiers est important, ils seront proposés zippés.  Idéalement, merci de transmettre également les fichiers de calibrations de vos capteurs ou tout autre fichier potentiellement utile pour analyser la qualité de vos données. |