



EGUsphere, author comment AC2
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Reply on RC1

Conor M. O'Sullivan et al.

Author comment on "Tectonostratigraphic evolution of the Slyne Basin" by Conor M. O'Sullivan et al., EGU Sphere, <https://doi.org/10.5194/egusphere-2022-581-AC2>, 2022

Re: Manuscript Revision

Dear Editor,

Apologies for the late resubmission of our manuscript to your journal, my, co-authors and I hope it can still be considered as a revision of our initial submission. My co-authors and I thank you for securing two excellent reviewers for our manuscript. We are very appreciative of the feedback our manuscript has received from both reviewers and an associate editor of Basin Research. We have found this feedback both positive and constructive and feel it has greatly refined our original submission. Please see below a summary of the changes we have made to the manuscript, alongside an attached table outlining the specific responses to reviewer comments in detail.

In general, we have:

- Highlighted uncertainty and data resolution more clearly.
- Clarified our use of specific salt tectonics terminology to improve accuracy and avoid misconception.
- Revised the text to remove typos and make arguments more focused.
- Improved detail, clarity and information on all figures.

With these revisions in mind, we hope this manuscript has suitably addressed the shortcomings of our previous submission and satisfies the reviewers' comments. The co-authors and I are still confident this manuscript will be an important contribution to the understanding of salt tectonics and salt distribution on the European Atlantic margin. We look forward to hearing from you and please do not hesitate to contact me if you require any additional material or clarification.

Yours sincerely,

Conor O'Sullivan (on behalf of the co-authors)

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