Comment on egusphere-2022-62
Ernst Willingshofer (Editor)

Editor comment on "Control of crustal strength, tectonic inheritance, and stretching/shortening rates on crustal deformation and basin reactivation: insights from laboratory models" by Benjamin Guillaume et al., EGUsphere, https://doi.org/10.5194/egusphere-2022-62-EC1, 2022

Dear colleagues,

Your manuscript has been evaluated by two reviewers who provide a number of valuable suggestions to improve on the modelling aspects (setup, interpretation and discussion) that were underrepresented in the original version of the manuscript. Additionally, the reviewers provide useful suggestions to gain clarity and to incorporate additional literature that is relevant for your study. With regard to the latter, I’d like to encourage the authors to also have a look at:


Though both studies are done on the scale of the lithosphere, the results are important for understanding lateral transitions from shortening to strike-slip to extensional deformation regimes and their respective structural expression and the paper by Rosenberg et al. is also relevant for the application of your findings to extrusion in the Alps.

I am looking forward to receiving the revised version of the manuscript.

Ernst Willingshofer