

**2nd Review of
Strike-slip faulting affecting vertical domains of contrasting
brittle strength in the upper crust: Insights from analogue
models**

by

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It is acknowledged that this manuscript has been thoroughly revised on all major points and accordance with my recommendations in the 1st review. The authors have also provided a detailed letter of response that explains the changes performed in the revised version of the manuscript:

The article has got a title that is better in harmony with its content..

The abstract has been rewritten according to recommendations and is now more informative, also highlighting the findings in a more precise manner.

The introduction and not least the experimental premises have been improved and are now adequate.

The descriptive part of the paper has been improved on essential points and the figure captions have been rewritten so that the link between the main text, the captions and the figures themselves are more accessible.

Figures have been satisfactorily improved on the points mentioned in my first review.

Finally, the Discussion-chapter has been completely rewritten and now more fully utilizes the findings shown in the Description-chapter.

It is my conclusion that the shortcomings of the paper have been mended in a satisfactory manner and that the authors have explained well the (few) cases in which the recommendations have not been followed in full.

I therefore recommend that that paper is accepted for publication in Solid Earth.

Geilo, Norway, June 3rd 2024

Roy H. Gabrielsen(sign)