

Interactive comment on “Multiphase, decoupled faulting in the southern German Molasse Basin – evidence from 3D seismic data” by Vladimir Shipilin et al.

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This is a well written paper reporting on syn-orogenic deformation structures in the Molasse basin. The data are of high quality and the interpretation is robust. The ms. is of broad interest and it is worthy of publication.

I have just a few minor comments in the annotated pdf and some suggestions for the figures.

In particular, I strongly encourage the authors to reorganise and reduce the number of figures.

Figure 2 could be placed within figure 1

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Figures 9 and 13 are useless and could be removed.
Figure 4, 5, and 6 could be easily merged into a single figure.
The same for figure 10 and 11.
figures 8 and 12 should be merged and displayed after figures 10 and 11
Figures 15, 16 and 17 could be merged into a single figure
Figure 19 should be presented as a plate of figure 8.

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Please also note the supplement to this comment:
<https://se.copernicus.org/preprints/se-2020-96/se-2020-96-RC1-supplement.pdf>

Interactive comment on Solid Earth Discuss., <https://doi.org/10.5194/se-2020-96>, 2020.

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