Solid Earth
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Interactive comment

Interactive comment on "Structure and kinematics of an extensional growth fold, Hadahid Fault System, Suez Rift, Egypt" *by* Christopher A.-L. Jackson et al.

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The manuscript presents an interesting and well documented case study of extensional fault propagation folding in the Suez Rift.

The manuscript is short, well-structured, and easy to follow. The topic is of broad interest, the figures are mostly of good quality, and the references are up to date. I suggest minor revision.

In detail, I have just a few minor comments.

Line 52. Add Fossen and Rotevatn, 2016 ESR and Camanni et al 2019 JSG Line 97.

Some structures are labelled in figure 2 but they are called in the text mentioning figure 3. Line 102. Boundary Fault Belt (BFB) and Coastal Fault Belt (CFB). . ....Hadahid Fault System (HFS). . ..and so on. Line 102 Figs. 2,3, and 4. Line 110 (Figs. 4C,G,H, and I) and (Figs. 4A,B,D-F) Line 270 suggest instead of we suggest Line 358. This is in agreement with our documentation in Basque-Cantabrian basin and also with analogue/numerical modeling.

Figure 2 Plate A - Change the color pattern (three yellows are hard to see). - Show location of figures 3, 6, 8, 10. . ... Plate B - HFS in the section. The hanging wall cutoff angle is 90°, is this correct?

Figure 3. Figure 2 and 3 could be merged

Figure 4. Is this figure really necessary?

Figure 5 I suggest to include the stratigraphy in figure 3. In any case, this figure should be called in the text before figure 4.

Figure 20. Please check this figure, it seems that there is something wrong with it. Also, it is not sufficiently "communicative", I think here you should end with a 4D scheme illustrating both fault and folds.

Stefano Tavani

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