

***Interactive comment on* “Fault slip envelope: A new parametric investigation tool for fault slip based on geomechanics and 3D fault geometry” by Roger Soliva et al.**

Cristiano Collettini (Editor)

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Dear Authors,

I have read your response to the reviewers and the revised version of the manuscript. I noted that the text has been improved, in particular the method section has been expanded, and figures are now clearer and better supported by the text. It is OK for me that you leave in the conclusions the part dealing with the applicability of the new tool, since it leaves some space to general and concluding remarks. In the final part of the conclusions when you discuss about earthquake occurrence on complex fault geometries I suggest you mentioning some more case studies like for example the Mw

7.8 Kaikōura earthquake rupture in New Zealand (Ulrich et al., Nature Communication 2019).

Sincerely Cristiano Collettini

Interactive comment on Solid Earth Discuss., <https://doi.org/10.5194/se-2019-61>, 2019.

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