Comment on egusphere-2022-369
Filippo Carboni (Referee)


Dear Wan-Lin Hu,

I would like to add a comment to my previous ones.

Usually we obtain the amount of shortening and shortening rates throughout a "manual" step-by-step restoration of a balanced cross-section. In my experience, in the case of complex and quite shortened belts, it is not straightforward to obtain the true displacement by applying the methods of Suppe or the ADS method, thus a manual step-by-step restoration is needed. In that case there would also be the classical problem of number approximation, plus the interpretation and restoration bias. I think it could be interesting also to explore this issue, and compare the results of the amount of shortening obtained by the manual restoration, with the one obtained by using the methods you already explored. I think that it would be enough to work with only the two case studies you have already analysed.