

23/4/24

Dear Editor,

Please see our revised manuscript "Rift and plume: a discussion on active and passive rifting mechanisms in the Afro-Arabian rift based on synthesis of geophysical data".

We carefully considered the comments and suggestions of the editor and reviewers. We carefully followed and addressed all of the profound comments of the editor Dr. Cadenas, which improved the manuscript significantly. We added some comments in the tracked changes version.

Figures 1, is modified and the order of Fig 5. And Fig. 6 is switched in the revised manuscript.

Hope you will find the revised manuscript suitable for publication in Solid Earth

On behalf all author,

Ran Issachar