

Interactive comment on “Deformation characteristics and exploratory data analysis of rainfall-induced rotational landslide: A case study of the Zhutoushan landslide in Nanjing, China” by Weiguo Li et al.

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We are grateful to anonymous Referee #2 for the valuable comments and suggestions relevant for the improvement of the manuscript. The reviewer’s comments were taken into account in the revised version of the manuscript. The ratio of X and Y should be 1 in Fig 12. this is about the aspect ratio of the figure, we will modify this ratio in our new version of the manuscript and let everyone know the moving direction clearly and directly. Fig 14 is a three dimensional graph and demonstrate the vertical displacement, it seems very intuitive and easy to understand. Fig 13 shows three elements (North,

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West, Hight) on a planar graph. If we combine these information in one figure, this is a good ideal that we can try it in the future, however it is easy to understand that we separate them. the scale in the figure 13 is mm, I forgot to add this scale. Thanks for your hint. Fig 15 is not only just a rotational landslide showing failure, but a developing landslide with creeping behavior. In my new version of manuscript, we will add the geological profile explanation, and change the boundary of the landslide from points to lines so that it is easier to understand. Many thanks for your positive comments and valuable time to improve the manuscript.

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