

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.

Anonymous Referee #2

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Thanks for your clear figures. "Horizontal displacement" means resultant vector of N and W components, and it can help us to know the landslide moving direction at each GPS station, such as Fig. 12. However, the ratio of X and Y is not 1 in Fig. 12. If the ratio is 1, it could let us know the moving direction directly. Vertical displacements of 8 GPS stations display on Figs. 13 and 14. Could you combine these information in one figure (Fig. 13 with scale (mm))? Fig. 15 is a rotational landslide case "after" failure, however, Zhutoushan landslide is developing rotational landslide with creeping behavior. If you could modified Fig. 15 to corresponding to the status of Zhutoushan

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landslide, it will be more reasonable. Besides, the other questions should be replied or explained in new version, especially in geological profile explanation (material, layers) and boundary of landslide (scarp? lineation?).

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