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Interactive comment on "Characteristics of ground motion and threshold values for colluvium slope displacement induced by heavy rainfall: a case study in northern Taiwan" *by* C.-J. Jeng and D.-Z. Sue

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We would like to thank the Referee for the thoughtful comments and suggestions on this paper. Firstly, concerning the question about the data shown in Figure 15, we obtained a standard deviation of the C values derived from the 16 colluvium soil samples as to be 12.04. This high standard deviation of the C values may be owing to widespread sampling of the colluvium soil within the campus. These samples of colluvium soil may possess different weathering degrees and different lithological components, causing different grain-size distribution and mechanic characteristics, for erosional processes

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including soil erosion and mass wasting may lead to heterogeneity in nature of the colluvium soil within the campus. These interpretations and the standard deviation value will also be added in the text in the future version of this paper. As for the typos in Figures 1 and 17, revisions will be made in the future version.

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