

## ***Interactive comment on “Exploring the potential relationship between the occurrence of landslides and debris flows: A new approach” by Zhu Liang et al.***

**Zhu Liang et al.**

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Dear reviewer First of all, we would like to thank you for your careful work and valuable advice. We are very honored to receive your approval for our work. And now, we would like to answer your questions one by one. 1.We are sorry for the situation where the picture and text do not correspond. In fact, Figures 1 to 4 correspond to the first and second sections of Chapter 2. Figures 5 to 6 correspond to the 5 section of Chapter 2. Figures 7 to 11 correspond to the 4chapter; 2.There are some display errors in the a picture in fig.2, and we will correct this. In fact, fig. 2 consists of only 4 photos from the field survey; 3. We will correct them carefully; 4.We will correct them carefully; 5.In

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application of factor analysis, if the cumulative contribution rate is greater than 85% or 80%, it is considered that most of the original information is retained. Therefore, the number of common factors may not be the same in different models; 6.We will further polish up the language. Thank you again for the valuable advice and it is very important for the improvement of our paper. best wish, Liang

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