

## Interactive comment on "Aggregate breakdown and surface seal development influenced by rain intensity, slope gradient and soil particle size" by S. Arjmand Sajjadi and M. Mahmoodabadi

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We thank the first anonymous referee for the review and the helpful comments that are answered below:

The number of replicates: First, the number of replicates was mentioned in Material and methods section. Second, I agree with your comments that it would have been more appropriate to increase the number of replicates (more than three), but the work was done before and in the moment we could not do this.

The size and resolution of Figures: The size of Figures increased.

C1545

The coefficient of Christiansen: The reference of Grierson and Oades (1977) was used for the coefficient of Christiansen.

Statistical significance in Figures 3 and 4: In Figures 3 and 4, error bars were applied to represent standard errors of the means.

Interactive comment on Solid Earth Discuss., 6, 3303, 2014.