

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

A Jordán

ajordan@us.es

Received and published: 1 January 2015

I have read this paper and think it has great quality. I hope it will be soon published in SE. Congratulations to the authors.

However, I have a comment regarding methods. Were pH, OC, etc. determined in 2 and 4.75 mm sieved samples or only in 2 mm sieved samples? According to the text, a single soil sample was collected, divided into two sub-samples and sieved to different mesh sizes were noted. However, determination of the texture is performed in both cases by the pipette method. Obviously, this method previously discards the coarse particles, so do not understand why it takes twice (enough to do on the original

C1485

sample). In fact, the results are not very different. It is the same with other properties (OC, pH, EC or CaCO₃). All of these properties relate to the ground, once discarded thick elements (> 2 mm). Small differences in results shown in Table 1 do not imply differences in the rest of results.

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

C1486