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Interactive comment on "Soil carbon fractions and enzyme activities under different vegetation types on the Loess Plateau of China" *by* Haixin Zhang et al.

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The subject matter of the manuscript as well as the hypothesis has little novelty. It is well known that composition of SOC is related to enzymatic activity. It is obvious for the unaltered forest soil to be rich in C and enzyme activity. Moreover, paer entitled "Changes in soil nutrient and enzyme activities under different vegetations in the Loess Plateau area, Northwest China" Wang et al (2012) published in Catena 92 (2012) 186–195 also describes similar work in the same region. Measuring SOC in top soil (upto 20 cm) for trees is not a sensible option. The author should analyse it for much deeper regions.

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Discussion paper

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