

Interactive comment on “Comparison of spatial association approaches for landscape mapping of soil organic carbon stocks” by B. A. Miller et al.

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The authors responded in a satisfactory manner to the comments of the reviewers. I agree with reviewer 1 that the sampling patterns appears not cover the entire area. However, within a slightly undulating landscape underlain by glacial till, the variations in feature space will probably be at short distance: along the hillslope and across the heterogeneous soil textures characteristic for glacial tills. The paired samples will be informative for this variability at short distance. A larger scale trend is not to be expected, and therefore a more regular cover of the samples is not strictly required. One has to appreciate the logistic difficulties in taking soil cores to 2 m deep in a large number of fields for which access is not necessarily granted by the farmers. The

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authors responded to the remarks on the statistical techniques raised by reviewer 2. I would therefore recommend publication of the paper.

Interactive comment on SOIL Discuss., 1, 757, 2014.

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