

Interactive
Comment

Interactive comment on “¹⁴C in cropland soil of a long-term field trial – in-field variability and implications for estimating carbon turnover” by J. Leifeld and J. Mayer

J. Leifeld and J. Mayer

jens.leifeld@agroscope.admin.ch

Received and published: 12 May 2015

Thanks to the reviewer for his/her constructive comments. Figs. 2 and 3 exemplifies how experimental variability effects MRT estimates. To illustrate this, we took the average variability that we measured across all treatment-depth combinations, i.e. represented by an average relative standard deviation (SD) of 3.1% (the coefficient of variation). We converted the SD into the confidence intervals exactly the way the reviewer presumes, i.e. using the standard error of the mean and the corresponding t-value. We will explain this better in the revised version. We also will address all other, mostly editorial comments during revision.

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