

Interactive comment on “Nitrous oxide emissions from European agriculture; an analysis of variability and drivers of emissions from field experiments” by R. M. Rees et al.

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From the text and figure captions it is not clear to me, if Fig. 3 and Fig. 4 contain more than one data point per site, but that seems to be the case. If so, than the assumption of independence is violated for linear regression and at least the confidence and prediction bands are most likely not calculated correctly. (Homoscedasticity and normality of residuals should also be examined.) I believe that a (linear) mixed effects model would be more appropriate than a simple linear regression.

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