Review of: "Spatial Analysis of Soil Fertility Using Geostatistical Techniques And Artificial Neural Networks"

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Potential competing interests: No potential competing interests to declare.

Nice paper, and good to see a detailed kriging and mapping exercise reported. I do have some doubts about the variogram fitting, as quite a few of the variograms are forced through the origin, while based on the data, there is good reason to doubt the zero nugget effect. Not forcing the variograms through the origin will affect the maps to become less smooth and show more irregularities, and also the classification. In particular, it should be interesting to see whether a different choice of parameter setting in the variogram (no-zero nugget effect) may lead to different classifications and conclusions.