

Interactive comment on “Spatial interpolation of hourly rainfall – effect of additional information, variogram inference and storm properties” by A. Verworn and U. Haberlandt

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In preparing a revised version, I'd suggest the Authors should give careful attention to the referees' comments, and specifically to some key points raised by Ref.#1 (P. Goovaerts). For example, in the optimization procedure it is still not clear why the sill is constrained to be equal to the sample variance. This common practice can be questioned and the relevant results can lead to artefact in the results. The fact that in some cases the sill is different from the sample variance can provide with interesting information about the characteristics of the spatial series. As the Authors computed bias

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and RMSE values, the discussion can perhaps be more focused in terms of accuracy and precision.

Interactive comment on Hydrol. Earth Syst. Sci. Discuss., 7, 6407, 2010.