

Interactive comment on “Climatology of daily rainfall semivariance in The Netherlands” by C. Z. van de Beek et al.

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Isn't possible that terrain variables (slope, altitude, urbanization etc.) explain spatial variability more than distance related quantities like the one in the semivariogram? Shouldn't it pertinent in the introduction at least to mention this possibility?

This could have influence, but as we want to use a simple model we do not consider this. The impact of slope/altitude is not expected to be large as the Netherlands has barely any orography and can be considered "flat". Urbanization might indeed have a greater influence, but for this and the topography effects you would need a high density network to do a thorough analysis.