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An improved Fuzzy Kappa statistic that accounts for spatial autocorrelation


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with stronger spatial autocorrelation. This paper proposes an improved Fuzzy Kappa statistic that is based on the same local agreement and has the same attractive properties as the original Fuzzy Kappa. The novelty is that the new statistic accounts for spatial autocorrelation, such that the expected Fuzzy Kappa for maps that are not cross-correlated is equal to zero. The improved statistic is applied on two cases to demonstrate its properties.

Keywords: [Fuzzy Kappa](#) [Map comparison](#) [Accuracy](#) [Validation](#)

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