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Eric Marcon, Florence Puech



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A Typology of Distance-Based Measures of Spatial Concentration

Eric Marcon¹, Florence Puech^{2*}

¹*AgroParisTech, UMR EcoFoG, BP 709, F-97310 Kourou, French Guiana.*

²*RITM, Univ. Paris-Sud, Université Paris-Saclay, 92330, Sceaux, France.*

***Corresponding author:** florence.puech@u-psud.fr

Abstract

Over the last decade, distance-based methods have been introduced and then improved in the field of spatial economics to gauge the geographic concentration of activities. There is a growing literature on this theme including new tools, discussions on their specific properties and various applications. However, there is currently no typology of distance-based methods. This paper fills that gap. The proposed classification helps understand all the properties of distance-based methods and proves that they are variations on the same framework.

JEL Classification: C10, C60, R12

Keywords: Spatial concentration, Aggregation, Point patterns, Agglomeration, Economic geography

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