

Spatial Modeling using Bayesian approach for the incidence of Chikungunya in the State of Rio de Janeiro in 2016 using INLA

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Abstract: *This paper presents a stratified Bayesian spatial dependence model of the Chikungunya notification for the state of Rio de Janeiro using INLA. One of the biggest advantages is the ability to consider a spatial data transfer, something complex to incorporate into frequent models.*

Keywords: Bayesian; INLA; Spatial Statistics; Chikungunya; Rio de Janeiro.

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