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Self-affinity and self-organized criticality applied to the relationship between the economic arrangements and the dengue fever spread in Bahia

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HIGHLIGHTS

- We studied dengue fever spread in the economic regions of Bahia-Brazil.
- We studied self-affinity in a disease diffusion process.
 - We compare the spread disease for different regional arrangements.
 - We finding two self-affinity behavior in the time series.
 - We suggest that dengue fever behavior follow a complex adaptive system.

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