

Stroke care pathways according to rural-urban residency

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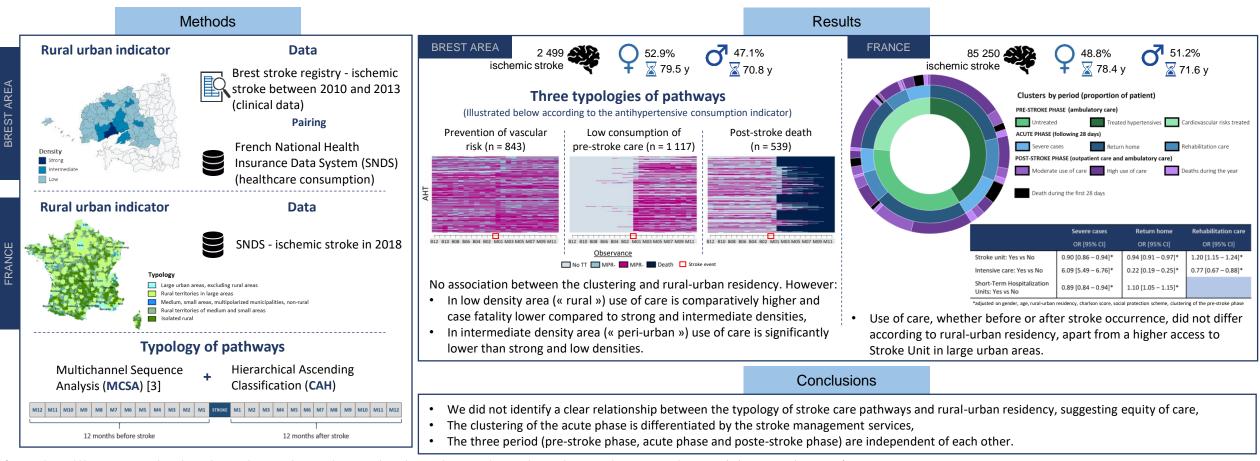
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Context and Objectives

Stroke is a pathology that traces the performance of the health system, requiring coordination of all of its components (from prevention to rehabilitation). In the French context, a 2019 study showed a higher incidence, but **lower lethality in rural areas** covered by the Brest Stroke Registry [1]. This result is in opposition what was observed in a second study covering the national territory [2].

The objectives were 1 - to characterize the care pathways of patients with ischemic stroke and 2 - to study the association with rural-urban residency context of the patient.



[1] Grimaud O, Lachkhem Y, Gao F, et al. Stroke Incidence and Case Fatality According to Rural or Urban Residence: Results From the French Brest Stroke Registry. Stroke. 2019;50(10):2661-2667. doi:10.1161/STROKEAHA.118.024695;

[2] Gabet A, Grimaud O, de Peretti C, Béjot Y, Olié V. Determinants of Case Fatality After Hospitalization for Stroke in France 2010 to 2015. Stroke. 2019;50(2):305-312. doi:10.1161/STROKEAHA.118.023495 ;

[3] Gabadinho A, Ritschard G, Müller NS, Studer M. Analyzing and Visualizing State Sequences in R with TraMineR. J Stat Softw. 7 avr 2011;40:1-37