

Reading Record

[Bretagnolle, 2009]

JUSTE RAIMBAULT

Tuesday August 11th

Reading Record for [Bretagnolle, 2009] *Villes et Réseaux de Transports : Des interactions dans la longue durée (France, Europe, Etats-Unis)*

General Purpose

Focus on relations between transportation networks and cities, at different spatial and temporal scales. Network evolution do deeply influence the structure of cities and system of cities, but network shape has also its proper evolution. The industrial revolution and the introduction of faster transportation modes lead to differentiated conceptions and definitions of the city accross Europe. Therefore, a consistent study of the coevolution between transportation and urban frame must rely on *harmonized urban database*, for which contruction methods are proposed, based on an ontology of the city on large time scales. These database finally allow to understand that major transitions in city systems occured simultaneously with technological innovations in transportation. Evidences for coevolution and mutual adaptation processes are extracted from the study of accessibility and network shape measures.

1 Linear Reading

Introduction

Assumption of structuring effect of intra- and inter-urban transportation network [Bavoux et al., 2005].
Rq : Opposed to

References

- [Bavoux et al., 2005] Bavoux, J.-J., Beaucire, F., Chapelon, L., and Zembri, P. (2005). *Géographie des transports*. Paris.
- [Bretagnolle, 2009] Bretagnolle, A. (2009). *Villes et réseaux de transport : des interactions dans la longue durée, France, Europe, États-Unis*. Hdr, Université Panthéon-Sorbonne - Paris I.