A tale of two cities: A GIS based data synthesis approach to understanding semantic decompositions of Twitter user locations

Junjun Yin *[1]

[1]Department of Geography and Geographic Information Science
University of Illinois at Urbana-Champaign, IL, 61801, USA

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Abstract

Today's pervasive Location Based Social Media provide abundant user-generated geographic information In this paper, we present a geographical information system (GIS) based data synthesis approch to understanding semantic decompositions of Twitter user locations. Specifically, we implemented a This approach We analyzed the

1 Introduction

Modern urban environments are perceived as real-world complex systems, where the embedded urban dynamics are interrelated to various types of human activities that are taking place simultaneously [**?**]. Throughout the process of urbanization, a fascinating research direction remains open regarding whether the spatial configurations of urban environment confine human activities or the social dynamics embedded in human activities change the functions of urban regions and therefore shape the urban structures. Research efforts in understanding the interactions between urban environment and its citizens are of critical importance to urban planing and its applications concerning the characteristics of urban mobility, accessibility and sustainability.

what is it?

why it is important?

why is my solution?

The remainder of this paper is organized as follows. Section 2 introduces the related work Section 3 details the Detailed analysis of the Section 5 presents the results Section 6 concludes the paper.

2 Related Work

3 Methods and Materials

3.1 Geo-located Twitter Data

Geo-located Twitter data refer to

*jyn@illinois.edu

3.2 A scalable data synthesis framework

4 Results

5 Discussions and Conclusions

Talk about OpenStreetMap for potential large scale validation talk about the limitation of detailed land use maps currently available.

References