## **Accepted Manuscript**

Spatiotemporal property and predictability of large-scale human mobility

Hai-Tao Zhang, Tao Zhu, Dongfei Fu, Bowen Xu, Xiao-Pu Han, Duxin Chen

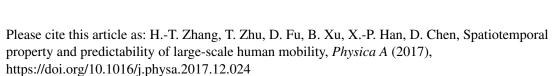
PII: S0378-4371(17)31275-X

DOI: https://doi.org/10.1016/j.physa.2017.12.024

Reference: PHYSA 18954

To appear in: Physica A

Received date: 9 May 2017 Revised date: 4 November 2017



This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



## ACCEPTED MANUSCRIPT

Highlights are shown below:

A first-handed data set of human activities on large geographical scales is studied. Specific non-Markovian characteristics and a high prediction possibility are found. A novel mobility model outperforming existing ones under scenarios of large geographical scales is proposed.

## Download English Version:

## https://daneshyari.com/en/article/7376064

Download Persian Version:

https://daneshyari.com/article/7376064

<u>Daneshyari.com</u>