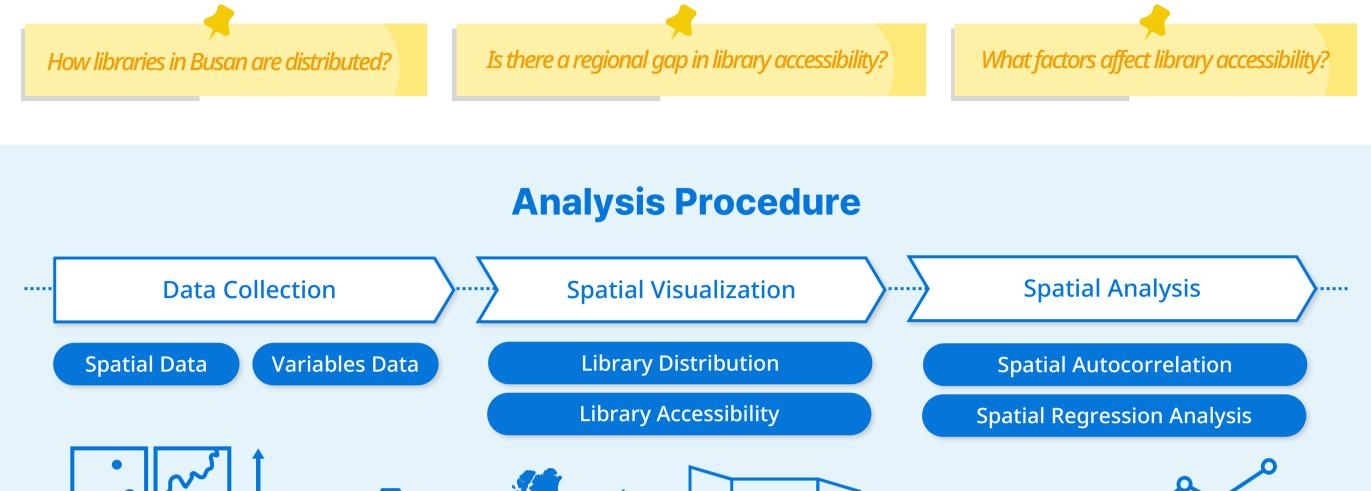
Spatial Regression Analysis of Factors Affecting the Spatial Accessibility of the Public Libraries in Busan

D. H. Chang, B. J. Koo & S. I. Jeong Pusan National University, South Korea

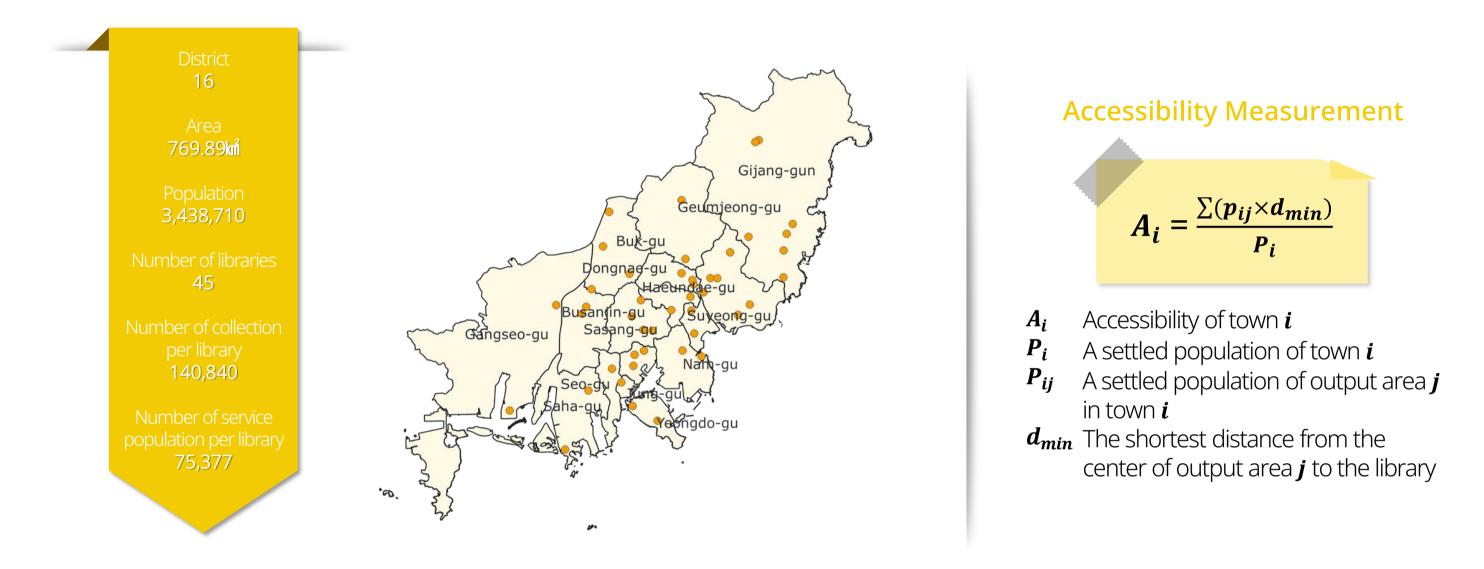
How to See the Regional Disparity in Libraries?

Public library accessibility directly affects library usage, and the disproportionate distribution of accessibility is one of the decisive factors limiting the equitable provision of library services. According to the South Korea's "Library Act", Libraries shall take all the necessary measures so that all nationals shall be provided with equitable service of knowledge and information irrespective of their physical, regional, economic and social conditions and it means that libraries should be located through consideration of spatial equity. Over the past decade, the number of public libraries has increased rapidly in S. Korea. Some of them are located close to user communities, but some others are not. Thus we need to find way for releasing disparities of the spatial accessibility of libraries. This poster will show the current state of spatial accessibility and the task to improve accessibility of public libraries in Busan, S. Korea.



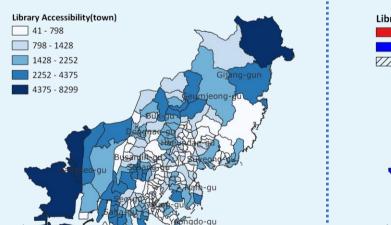


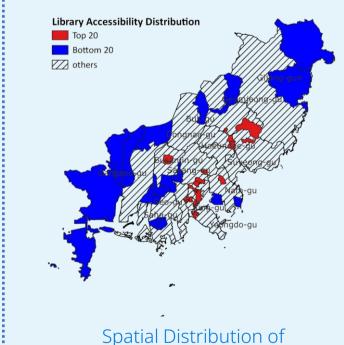
Geographic Distribution of Public Libraries in Busan

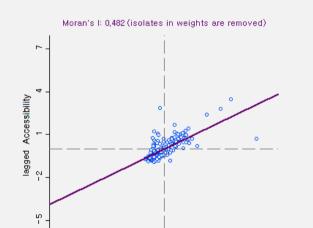


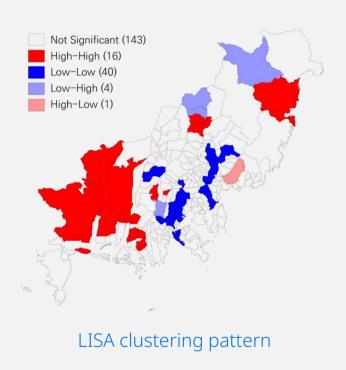
Public Library Accessibility











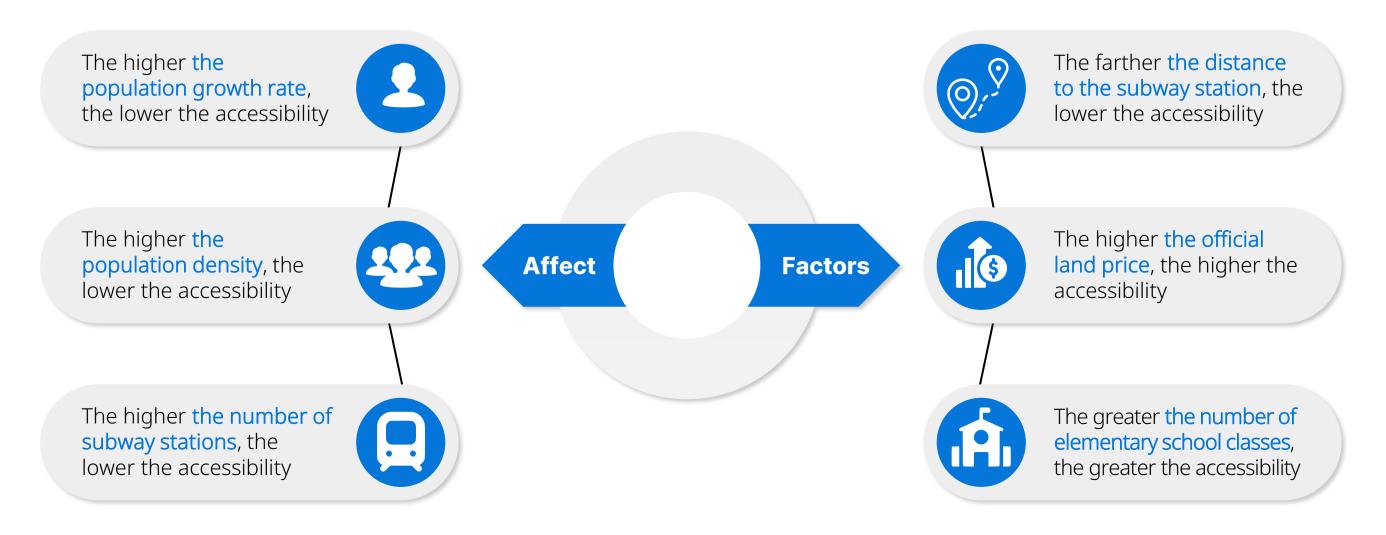


Accessibility to Public Libraries in Busan



Moran Scatter Plot

Results and Discussion



IFLA WLIC 2022 DUBLIN 💏