

Tracing Street Robbery: Functional, Temporal and Spatial tendencies

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Abstract

There has been growing interest in the relationship between the built environment and crime. Only recently studies have started to focus on particular crime types, and extract its built environment characteristics. Most of these studies focus on burglary as it is the type of crime with the best record of location, and very few of these studies employed a standardized evaluation of the spatial layout. In this poster, we focus on one of the least studied crime types: Street robbery. We demonstrate the links between street robbery occurrences, its types according to the offence methods, the time of day and specific land uses in order to get a holistic picture. This poster will also demonstrate the methodologies and discussions that arose while bringing GIS and SS analyses together and relate crime data with topological layers, as well as variations of results in different scales and focus areas.