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## Further projects (London, Barcelona)

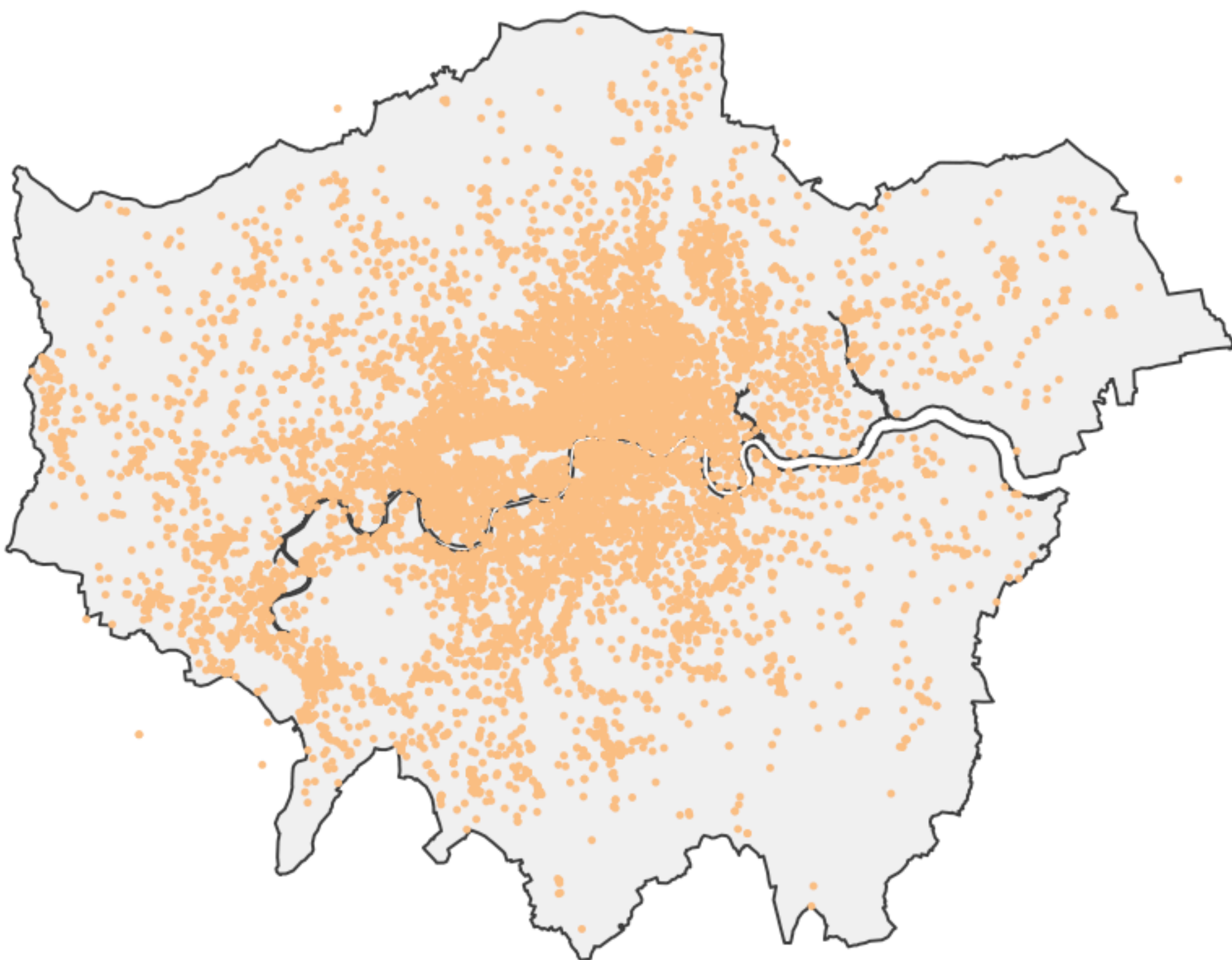
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This section brings together a series of smaller projects that explore social inequality, urban space, and everyday geographies through data visualisation and cartographic analysis. Using a mix of GIS, statistical analysis, and digital storytelling, these projects examine how social and spatial patterns emerge in contexts such as second-hand economies, urban crime, and mobility-related risk. While varied in topic and scale, they share a focus on translating complex urban data (from London and Barcelona) into accessible, place-based narratives. Together, they demonstrate an interdisciplinary approach to mapping cities as lived, unequal, and dynamic environments.

Software:

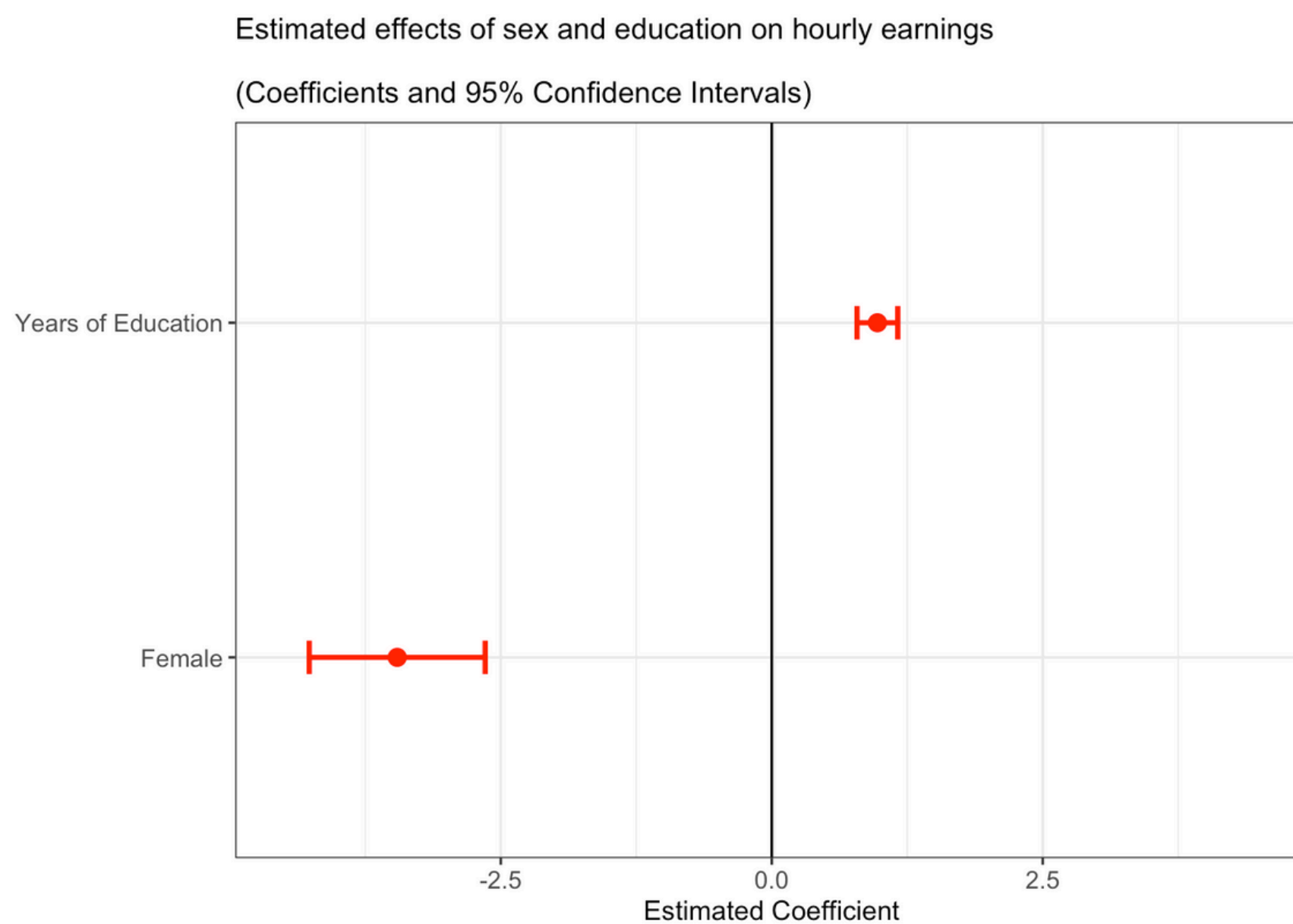
R/RStudio, ArcGIS, (ArcGIS Story Map), Wix, MatLab

Mapping and data visualisation:



Bicycle theft incidents within 500 m of railway and Underground stations in London, illustrating the relationship between transport infrastructure and theft risk





Regression coefficients with 95% confidence intervals showing the estimated effects of gender and education on hourly earnings, illustrating effect size, uncertainty, and statistical significance within a linear model.

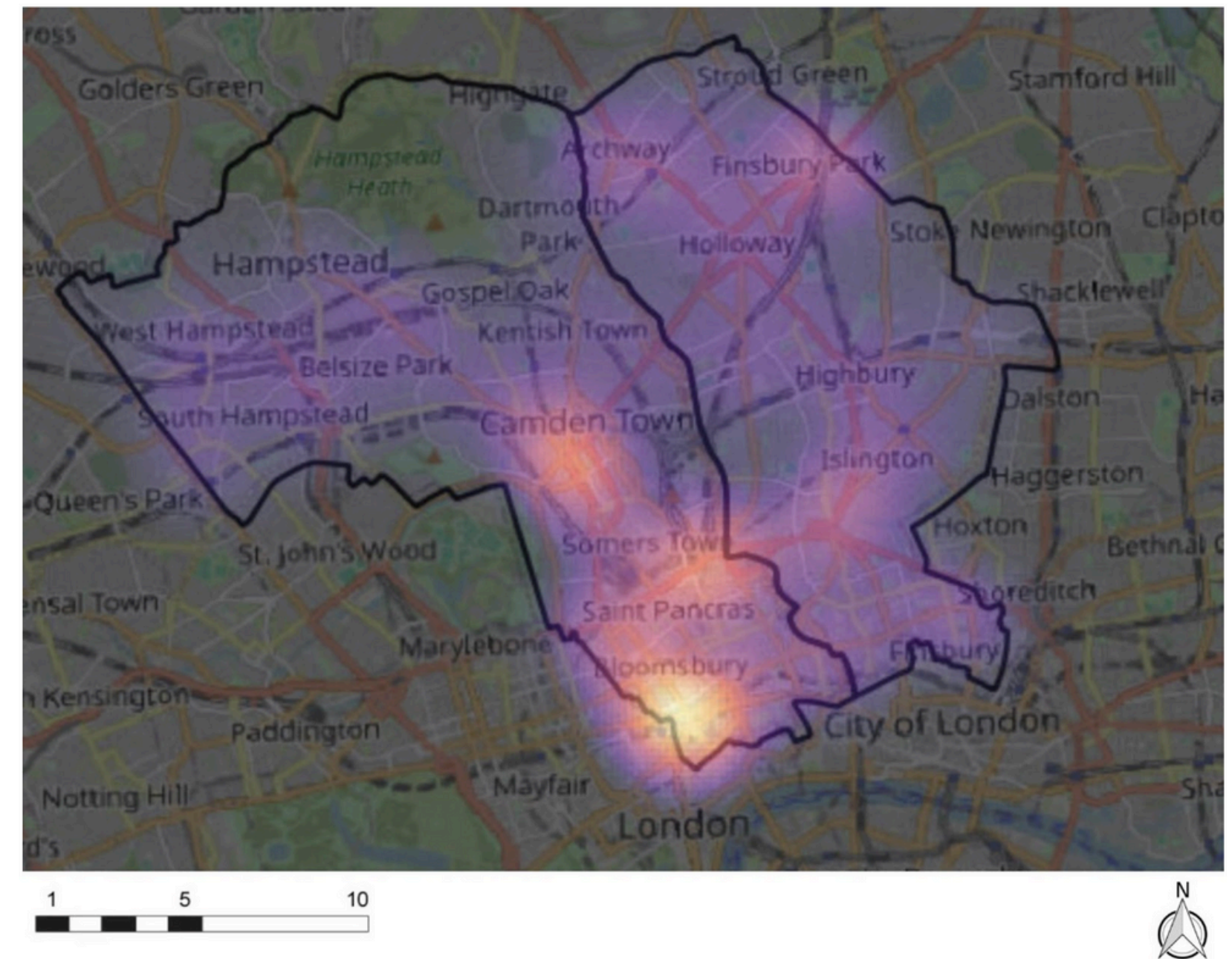
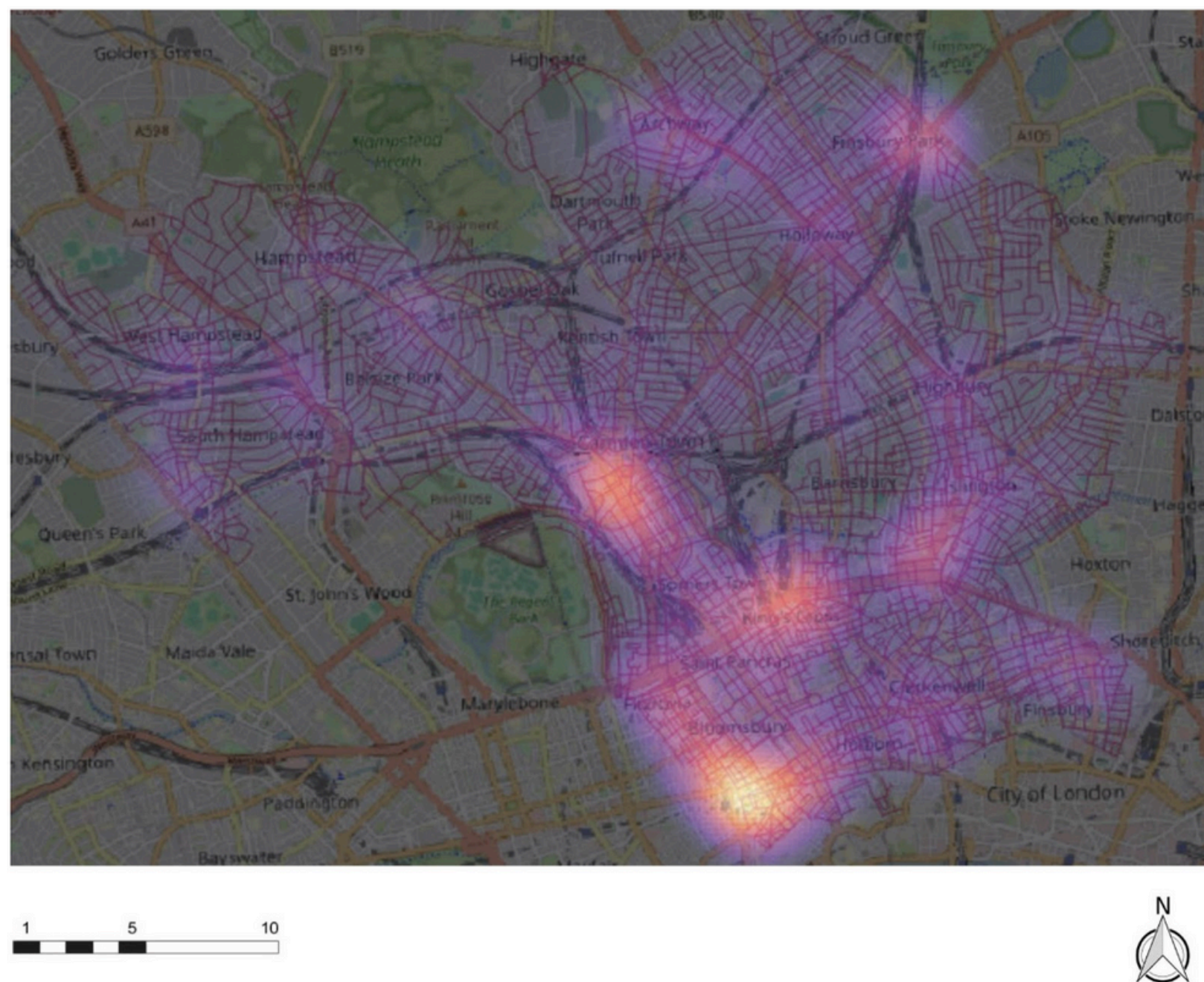


A visual and narrative analysis of London's thrifting and vintage markets, exploring how gentrification and spatial location influence access, affordability, and sustainability narratives across the city. The link to the blog is available [here](#) and can also be accessed by clicking the image.

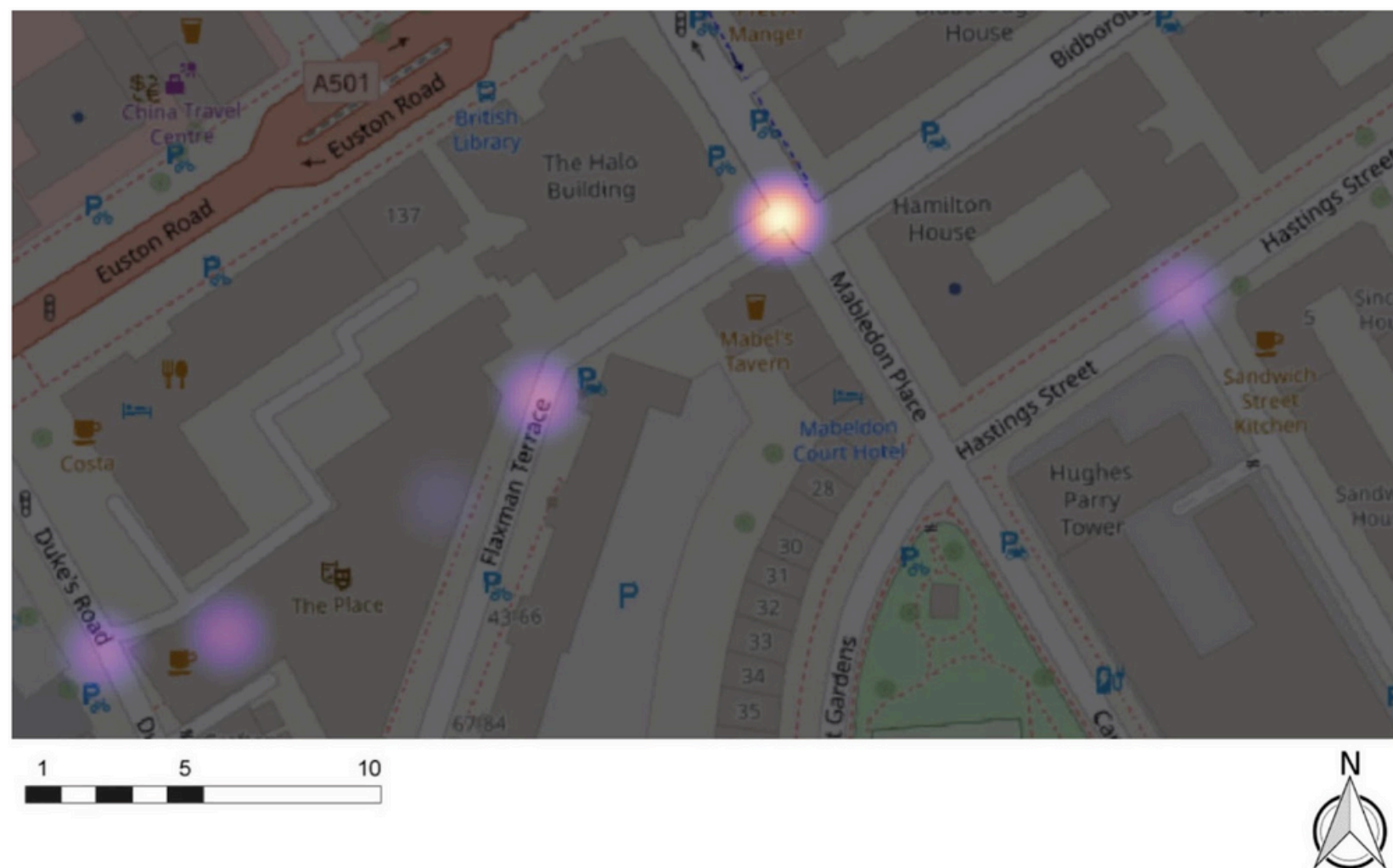


A GIS-based accessibility study of Barcelona, combining fieldwork and spatial analysis to map barriers for wheelchair users and the visually impaired and assess inclusivity in urban infrastructure. The link to the story map is available [here](#) and can also be accessed by clicking the image.





Kernel density maps showing the spatial distribution of recorded crime across central London, illustrating how incident concentrations change with scale and urban context.



Kernel density map of theft incidents along Euston Road, illustrating localised hotspots and the influence of street-level urban form.