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Geographic
Data Science
Lab

Navigating the Urban

Alessia Calafiore

Edinburgh Futures Institute, Edinburgh School of Architecture and Landscape Architecture
University of Edinburgh

The Built Environment

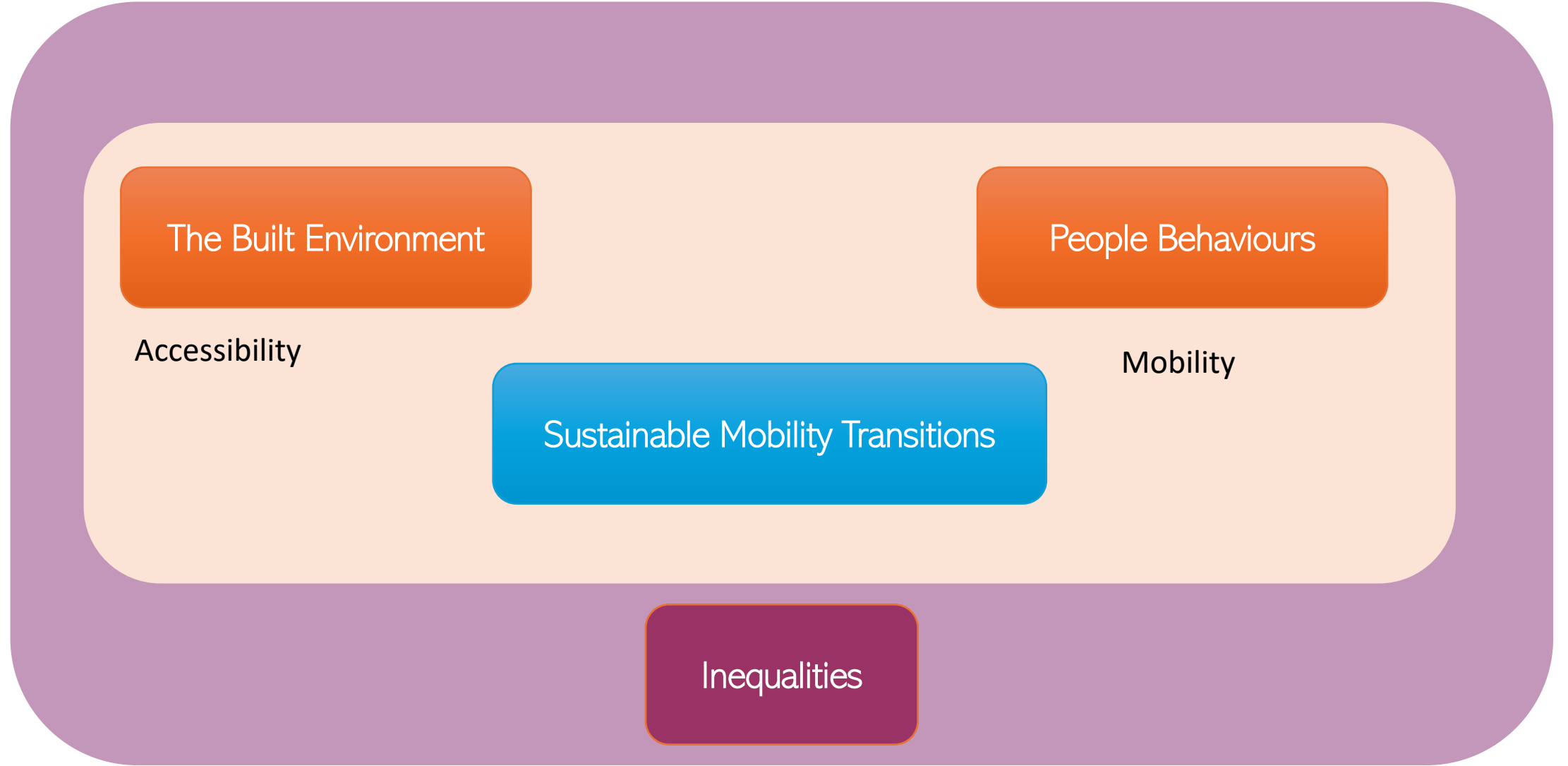
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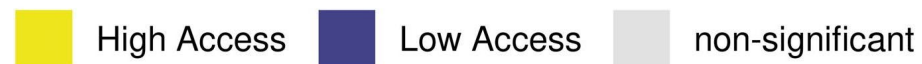
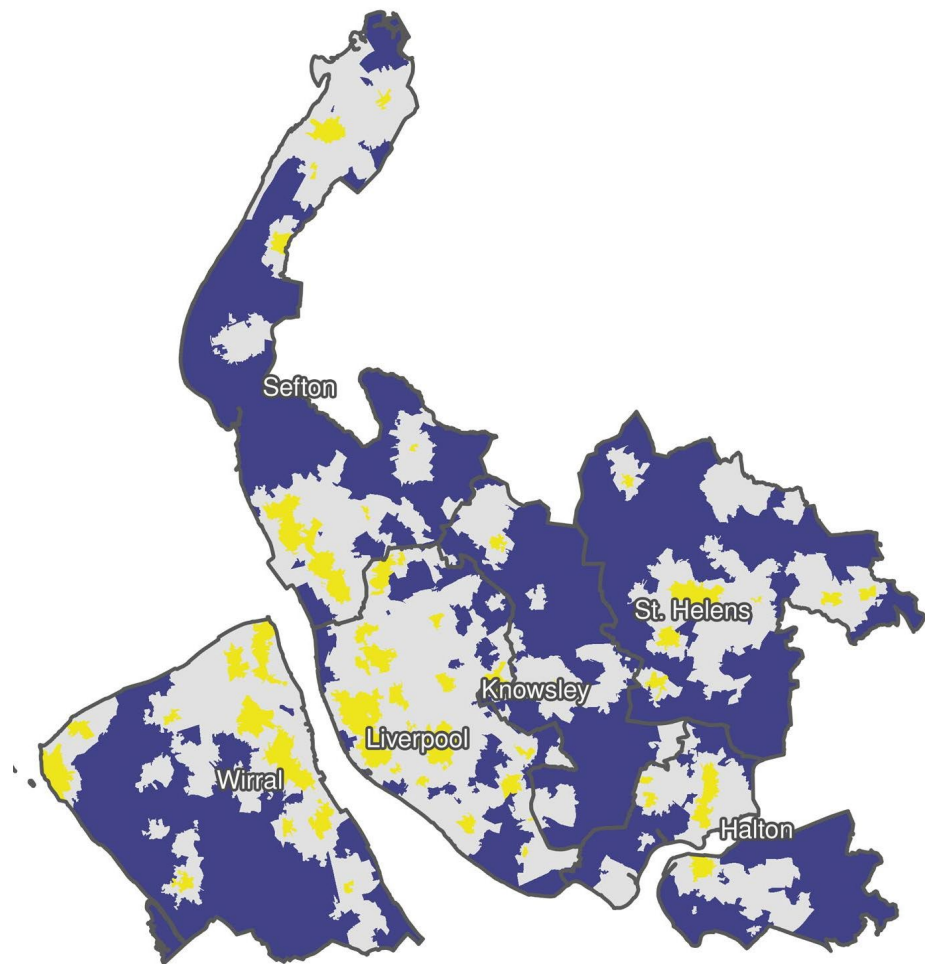
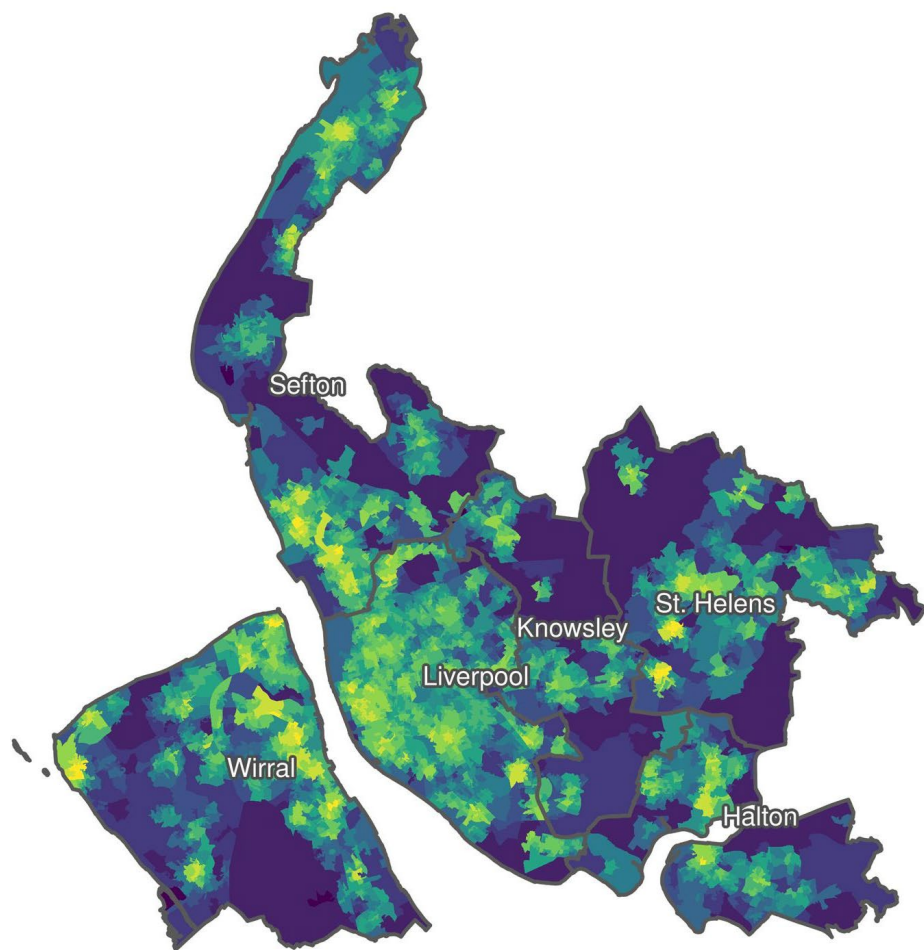
People Behaviours

Mobility

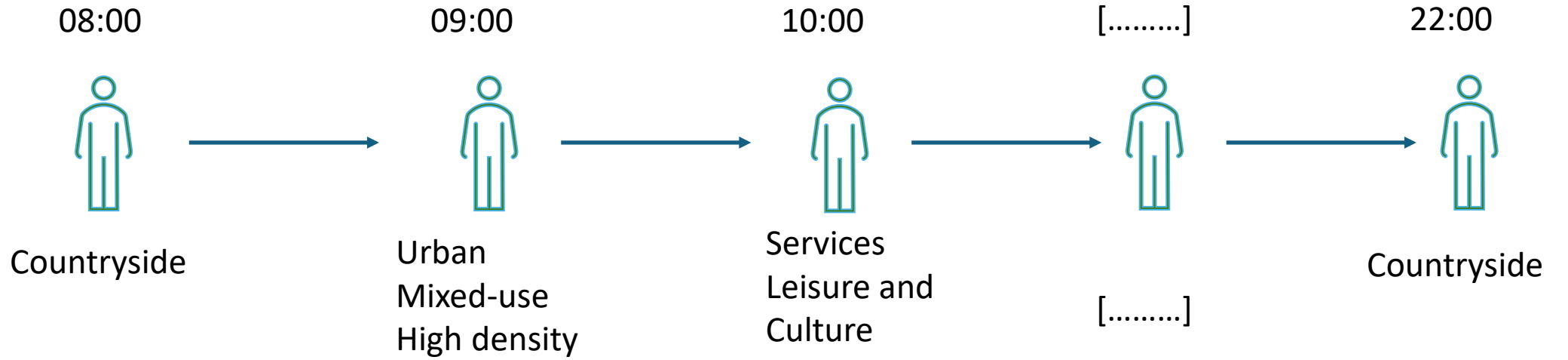
Sustainable Mobility Transitions

Inequalities

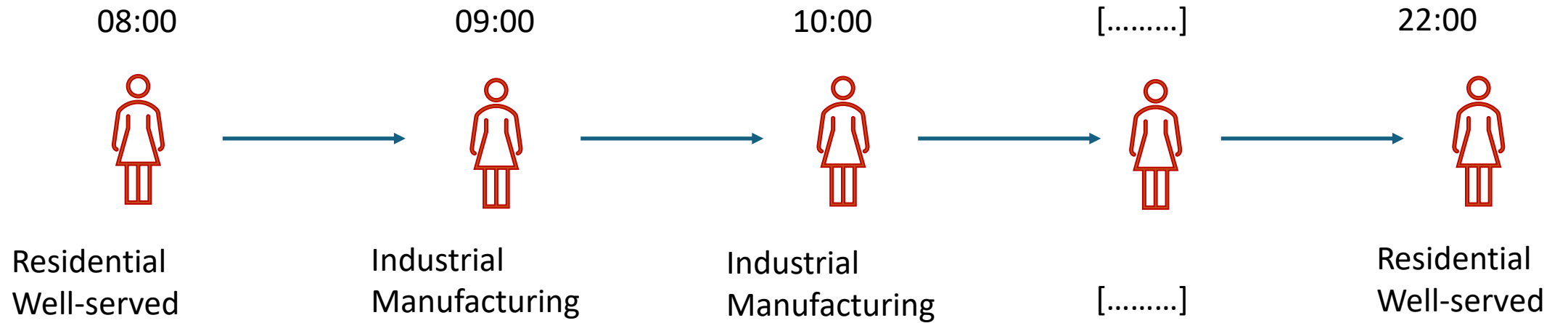




IMD 10



IMD 1



- Less deprived groups tend to live and commute from and to the countryside/low-density signatures
- Rural areas have higher car-ownership and car dependence

Densification

Rural-Urban connections with sustainable transportation modes

- More deprived groups tend to live and be more exposed to urban/well served signatures throughout the day
- Air pollution tends to concentrate in urban and well served areas



Work from home ?



Role of urban green and Low-traffic Zones



New measures integrating mobility and accessibility



The 20-minute city: An equity analysis of Liverpool City Region

Alessia Calafiore  , Richard Dunning, Alex Nurse, Alex Singleton

Environment and Planning B: Urban Analytics and City Science

Impact Factor: **3.5**
5-Year Impact Factor: **3.9**

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Research article

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Inequalities in experiencing urban functions. An exploration of human digital (geo-)footprints

Alessia Calafiore  , Krasen Samardzhiev, [...], and Daniel Arribas-Bel  [View all authors and affiliations](#)

[OnlineFirst](#) | <https://doi.org/10.1177/23998083231208507>

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Thanks for listening!

Contacts

acalafio@ed.ac.uk

@alel_domi