Where to spend your golden years?

A look at healthcare accessibility by public transport

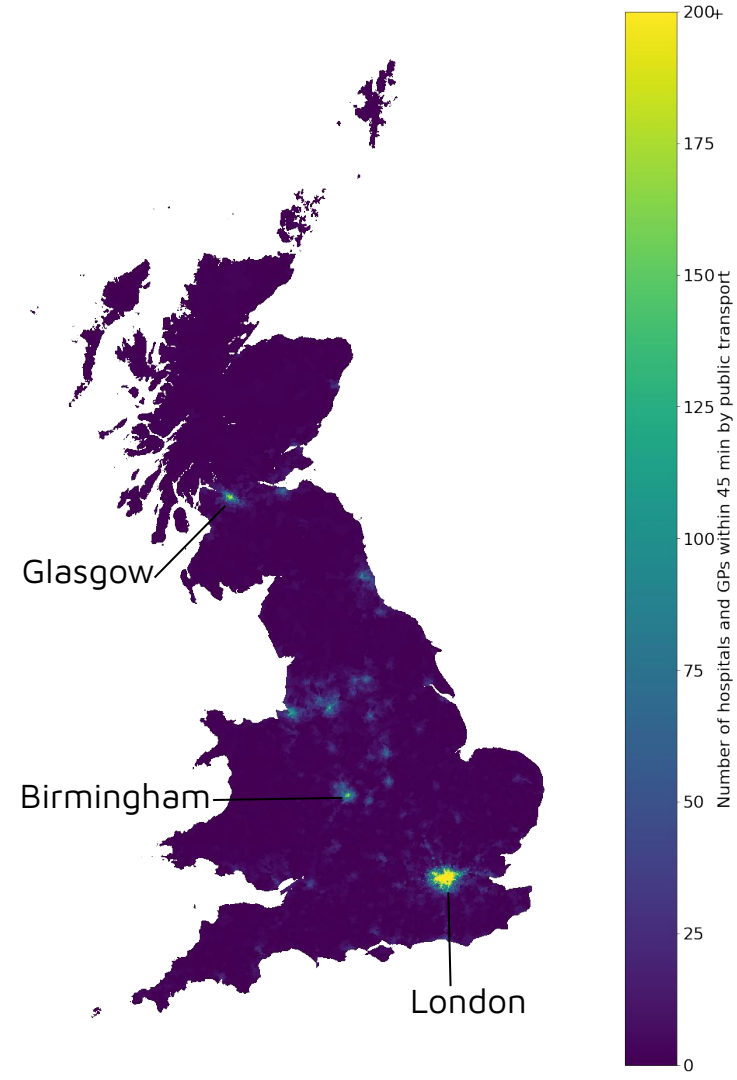(UBDC Public Transport Accessibility Indicators 2022)

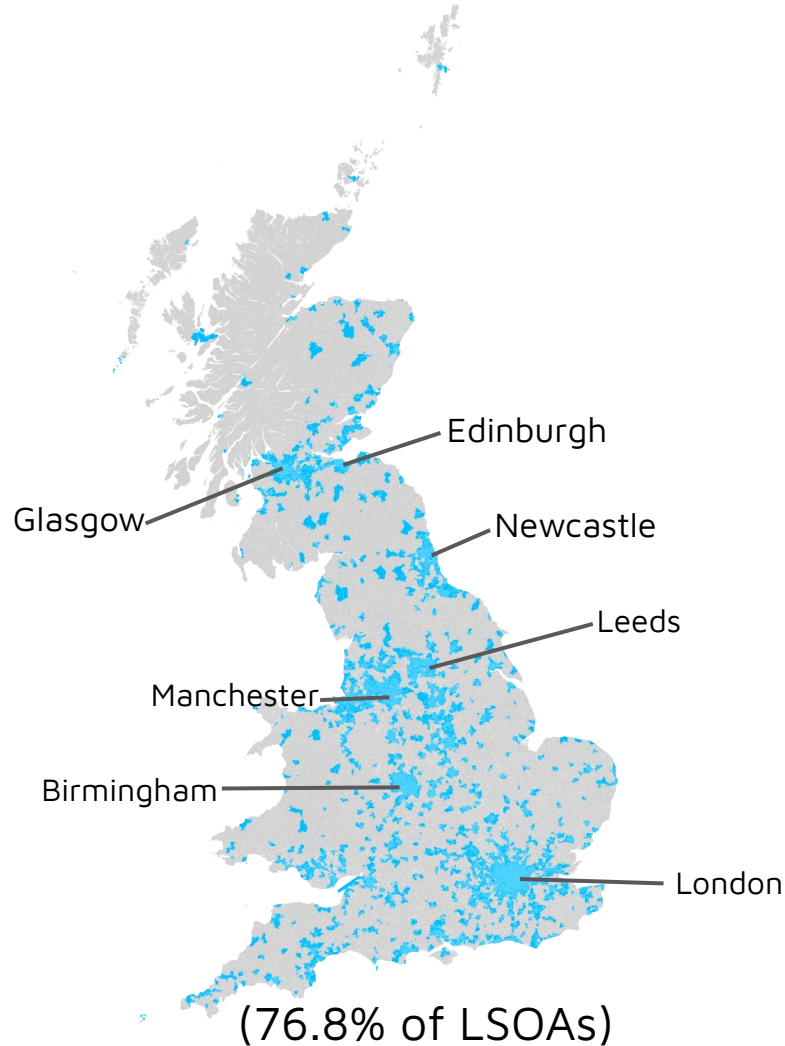Manon Prédhumeau

UNIVERSITY OF LEEDS

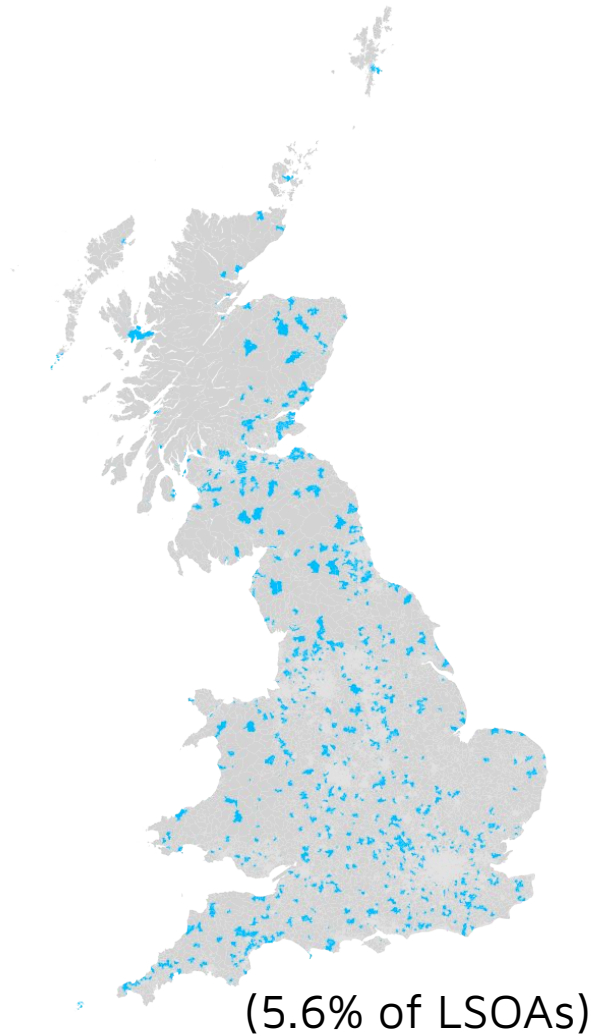*UBDC Data Challenge*

Number of hospitals and GPs within 45 min by public transport

Areas with at least one hospital and one GP within 45 min by public transport

Edinburgh

Glasgow

Newcastle

Leeds

Manchester

Birmingham

London

(76.8% of LSOAs)

Rural areas with at least one hospital and one GP within 45 min by public transport

(5.6% of LSOAs)

3,305,309 seniors 80+ in Great Britain
27.3 % of them **can not** reach both a hospital and a GP in 45 min by public transport

% of seniors 80+ who can not reach both a hospital and a GP in 45 min by public transport

Scotland	England	Wales
23.8%	26.5%	45.6%

UBDC Public Transport Accessibility Indicators 2022 http://ubdc.gla.ac.uk/dataset/public-transport-accessibility-indicators-2022
Rural urban classification https://github.com/mysociety/uk_ruc
2011 Census Geography boundaries (Lower Layer Super Output Areas and Data Zones) shapefile
https://statistics.ukdataservice.ac.uk/dataset/2011-census-geography-boundaries-lower-layer-super-output-areas-and-data-zones
Population estimates 2020 and 2021
https://statistics.gov.scot/resource?uri=http%3A%2F%2Fstatistics.gov.scot%2Fdata%2Fpopulation-estimates-detailed-current-geographic-boundaries
https://www.ons.gov.uk/peoplepopulationandcommunity/populationandmigration/populationestimates/datasets/lowersuperoutputareamidyearpopulationestimates

https://github.com/maprdhm/ubdc_data_challenge