

A new lens towards age-inclusive and accessible public spaces

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Why?

A growing body of literature underscores the **societal and mental health benefits** of being **exposed to different age groups**

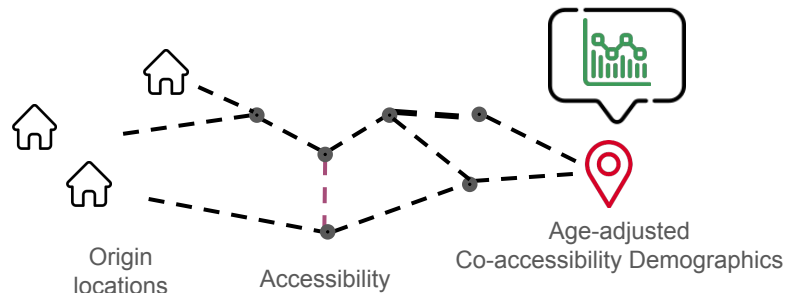
Easy access to places encourages their use

Public spaces (e.g. parks) that are **easily accessible** to different age groups could **promote intergenerational encounters**

Question: **How** could we measure how accessible a given destination is to individuals from different population groups (i.e. **co-accessibility**)?

How?

Objective: design a framework to measure the degree of **age-adjusted co-accessibility** to different locations



Step I: measure **how accessible** public spaces are to various **age groups** within different walking distances

Step II: estimate **the age diversity** of the people who potentially access each public space

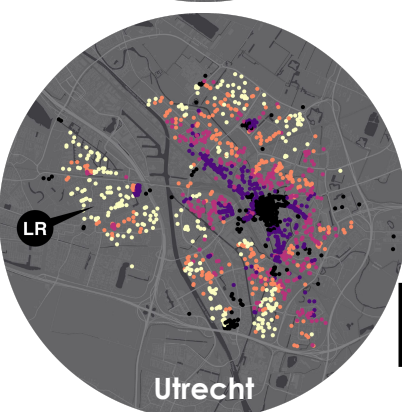
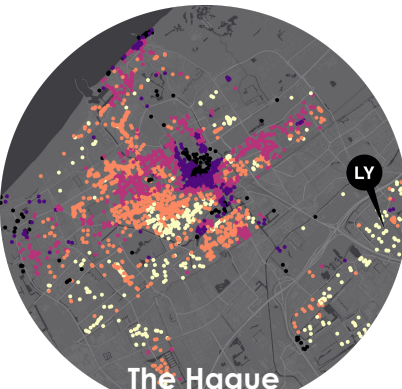
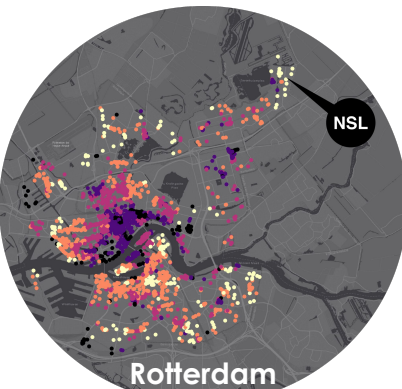
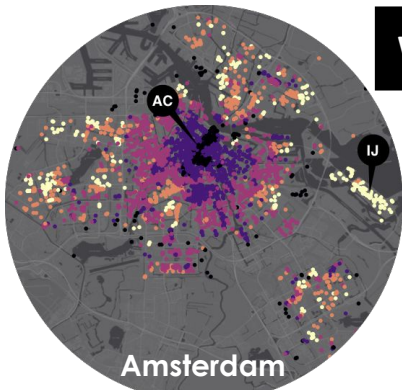


Example: The public spaces within the white circle are accessible within a 5 (yellow), 10 (purple), or 15 (blue) minutes walk to people located in both origin locations (white houses)

Results

New framework for capturing the possibility of different age groups occupying **the same space**

New insight into the potential **effect that access to public spaces** has on the **exposure to other age groups** in places outside of the home



Percentage of children among the people who have access to each activity location

0 - 5 % 5 - 10 % 10 - 15 % 15 - 20 % 20 - 100 %