

## 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**

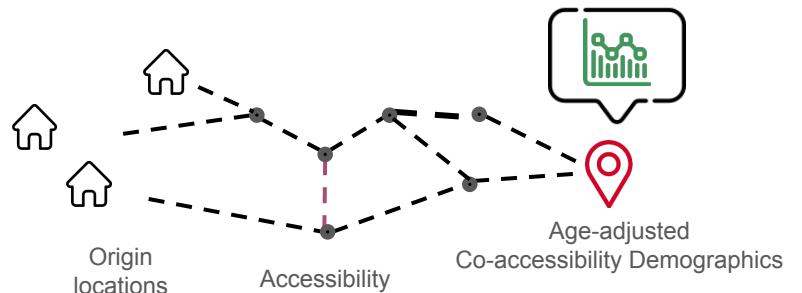
**Easy access to places encourages their use**

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

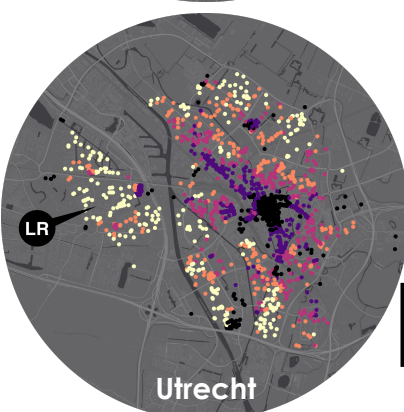
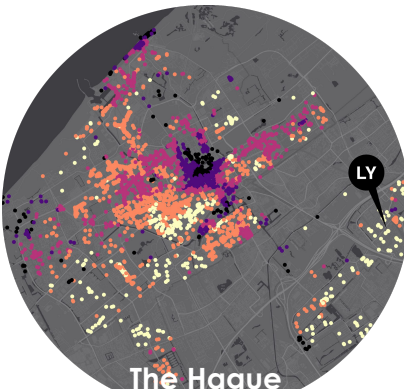
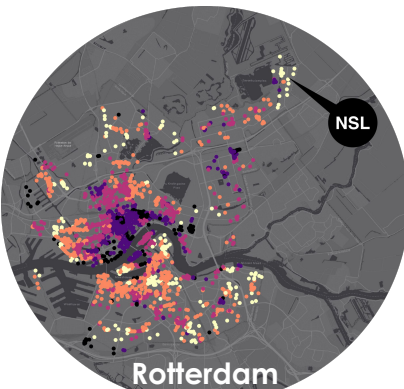
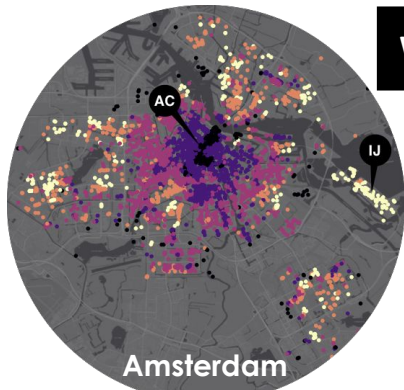


Example: The public spaces within the white circle are accessible within a 5 (yellow), 10 (purple), or 15 (blue) minutes walk to people located in both origin locations (white houses)

### 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

