



Ngoc Thuy Nguyen (Centre for Environmental Policy, Imperial College London)  
Supervisors: Tilly Collins, and Alexandra Collins (CEP, Imperial College London)



### 1. INTRODUCTION

Urban greening is one way to make cities healthier and more sustainable<sup>1</sup>, but there is **differential use and access to green spaces between social groups**.



➤ 2.8 million people are not living within a ten-minute walk of a green space in the United Kingdom<sup>2</sup>.

➤ In London, the green space provision per person (19m<sup>2</sup>) is below the national minimum standard (30m<sup>2</sup>).<sup>2</sup>

GSI **0.54**

17,403 ha.

19 m<sup>2</sup>

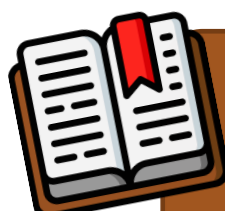
10,633

Source: Fields in Trust (2022)



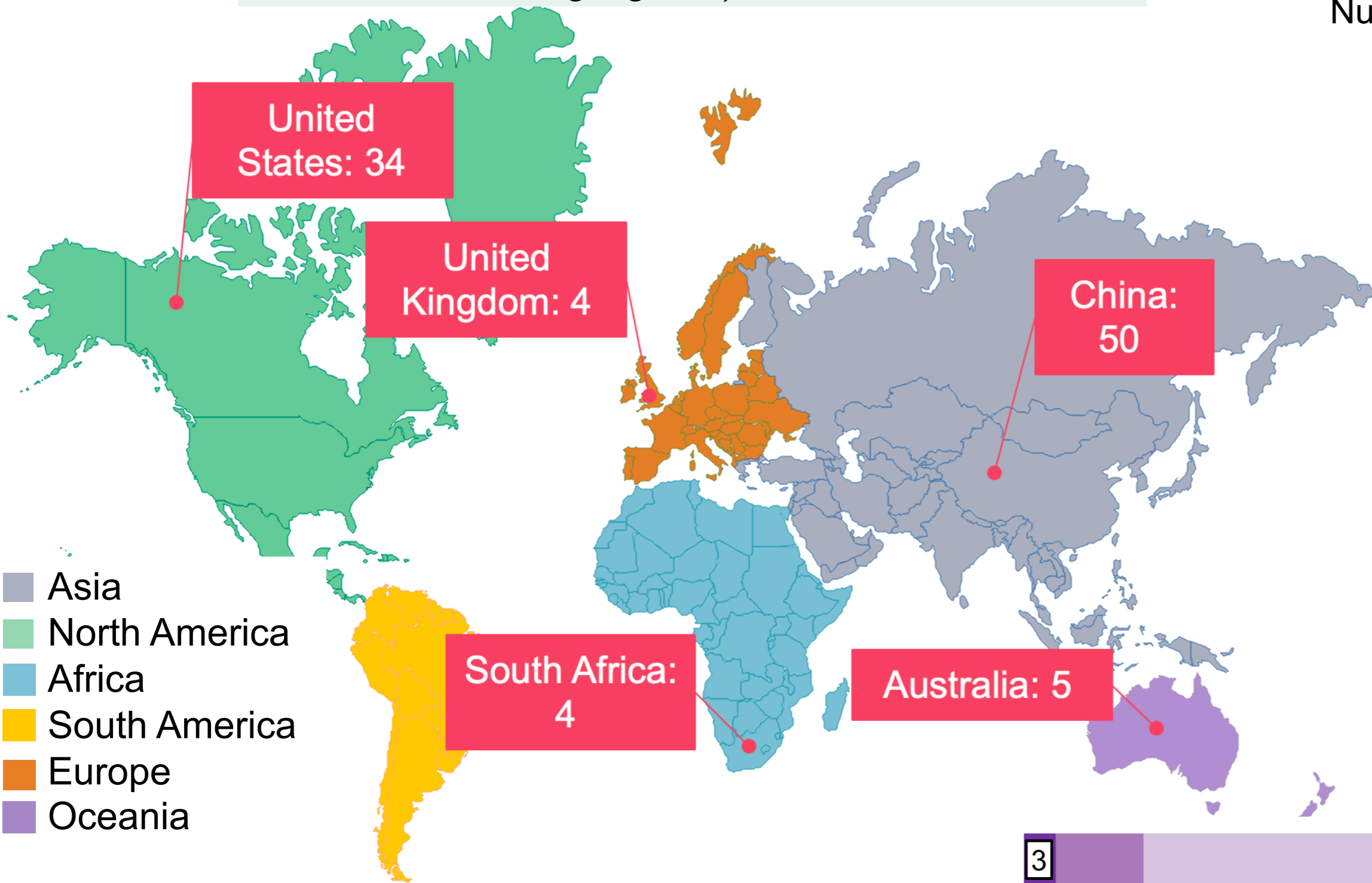
### AIM

This research aims to **examine the social characteristics of the disengaged and investigate the needs and barriers** they currently face. It will take a participatory approach to **engage different stakeholders in designing green spaces** that are accessible and usable for different population groups



### 3. SYSTEMATIC REVIEW FINDINGS

**FIGURE 2** The number of articles included in the review as a function of study location (countries with high number of retractions are highlighted)



### KEY FINDINGS

- **Ten explanatory factors** and variables were found to influence greenspace access and use.
- The patterns of association between the proximity to greenspace and these factors give mixed messages while **those of greenspace quality consistently declined** with the various aspects of vulnerability.

### RESEARCH GAPS

- More research is needed which investigates the links between greenspace qualities, and the characteristics of greenspace users and non-users.
- Future work should **employ more qualitative methodologies** to investigate the actual preferences and needs of residents

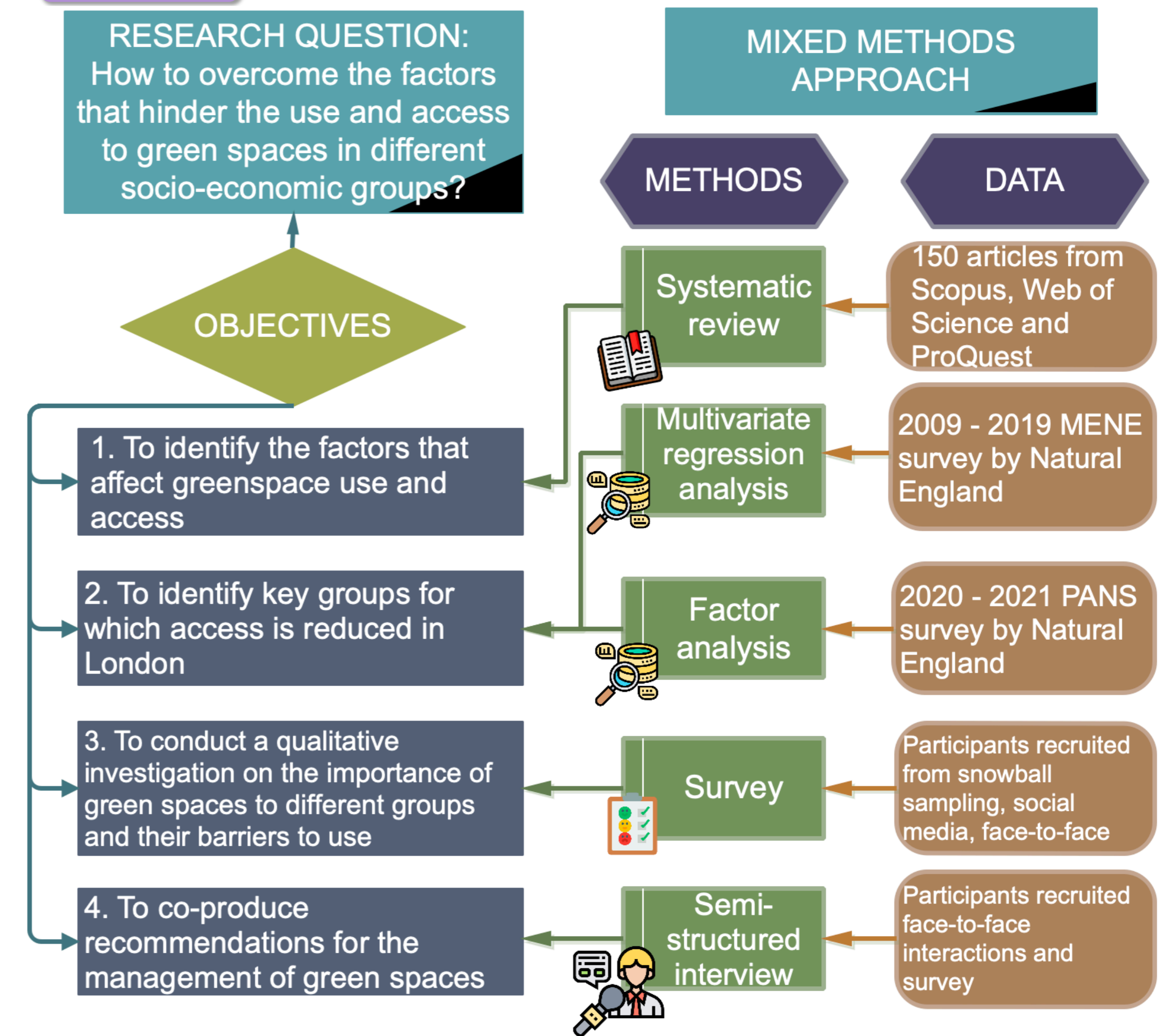
### REFERENCES

<sup>1</sup>Jim, C. Y. (2013). Sustainable urban greening strategies for compact cities in developing and developed economies. *Urban Ecosystems* 16: 741-761  
<sup>2</sup>Fields in Trust. (2022). Green Space Index.

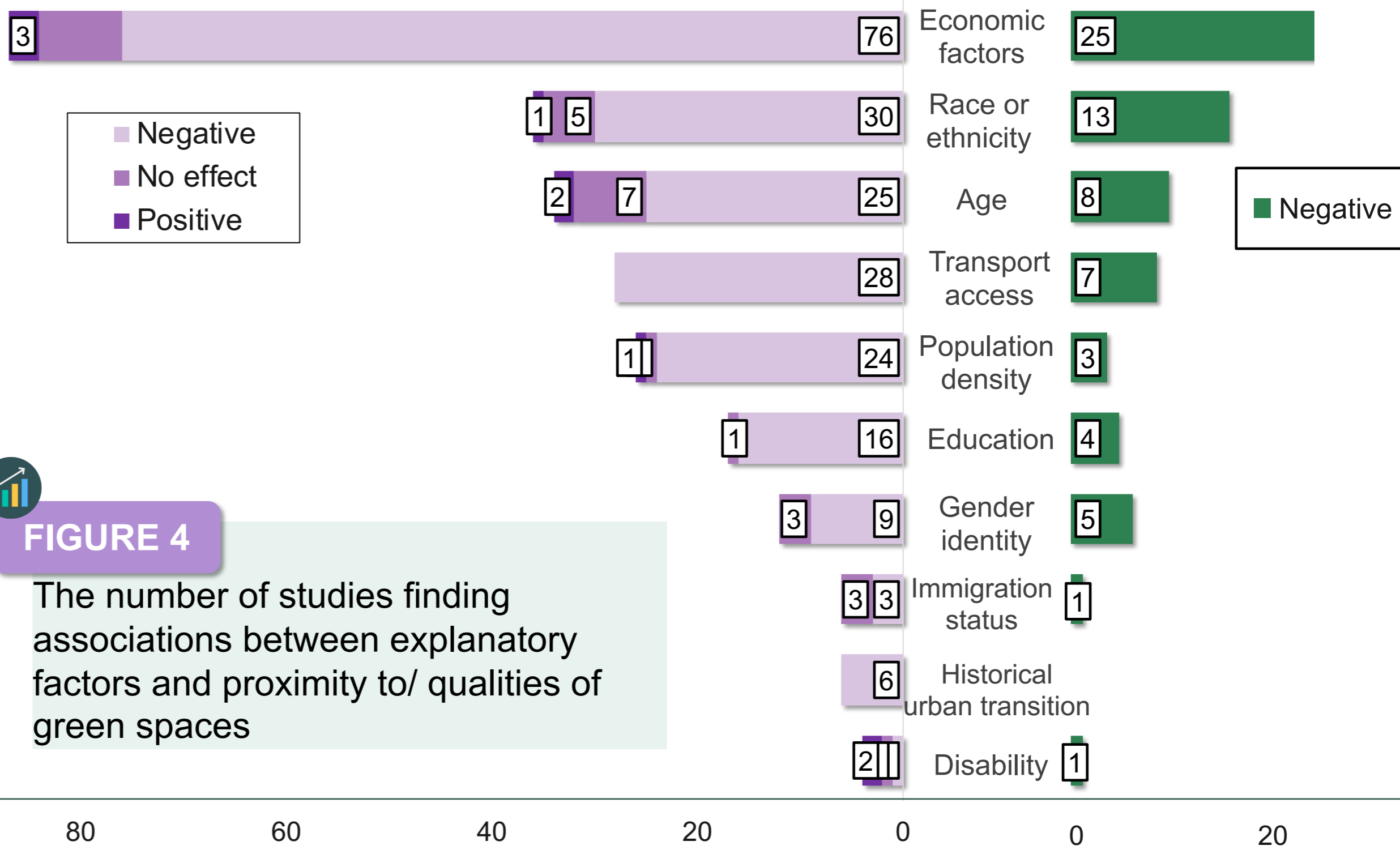
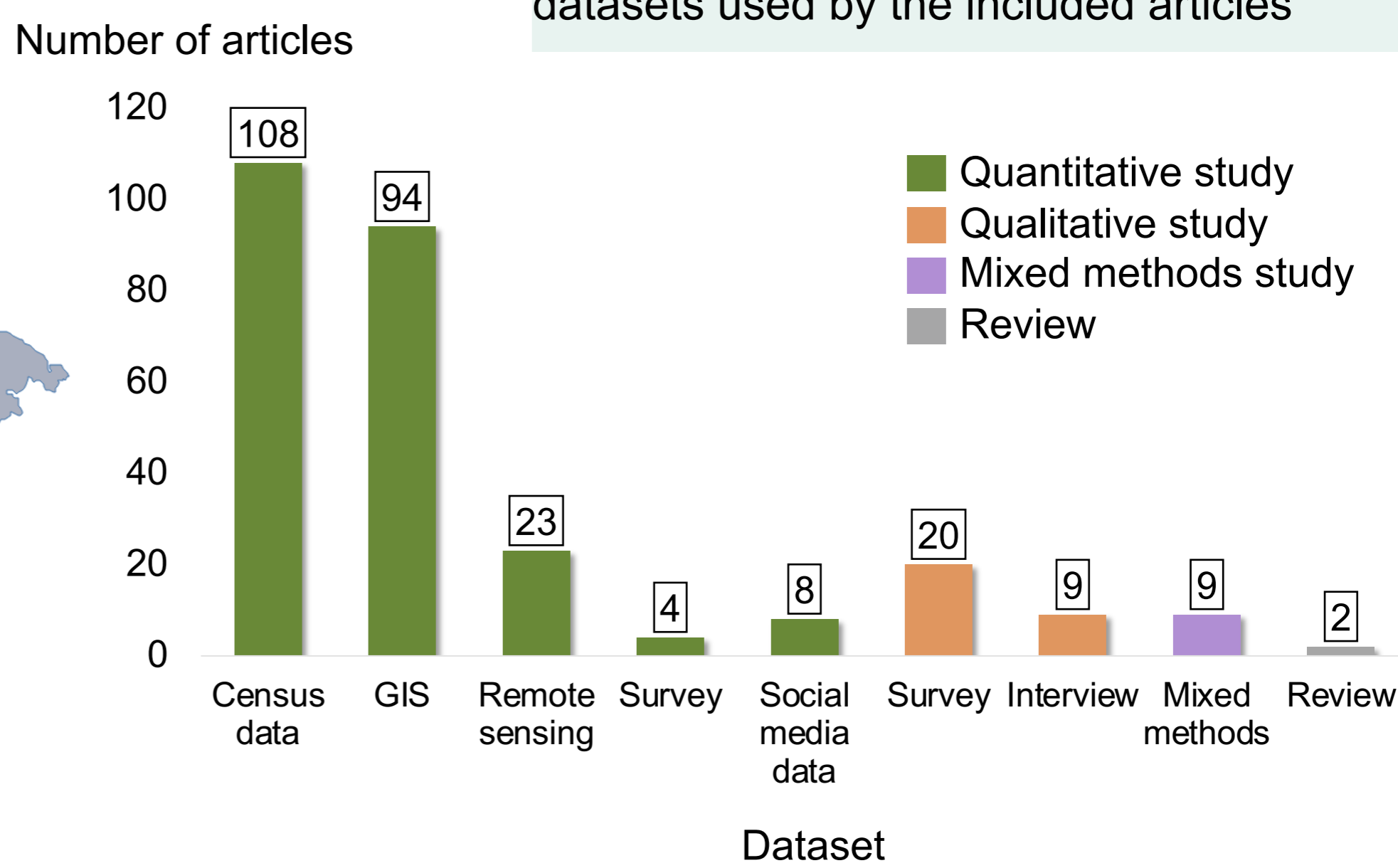


**FIGURE 1**

### 2. ANALYTICAL FRAMEWORK



**FIGURE 3** The study designs and datasets used by the included articles



**FIGURE 4**

The number of studies finding associations between explanatory factors and proximity to/ qualities of green spaces

Number of articles

80 60 40 20 0 0 20 40