



<http://pulselondon.co.uk>

## Perceptions of Walkability in London



This digital exploration of London streetscapes aims to determine which visual features contribute to neighbourhood quality by collecting user rated perceptions of walking preferences. Pulse London builds on the seminal work of Place Pulse, with two major differences. The study is focused on one city, London, and there is a pre-processing clustering algorithm which shows users selected pairwise images. The goal is to build an understanding of how features from images lead to different perception scores. With these fine details of perceptions, we hypothesise that there may be differences in how demographic groups perceive their urban environment, and furthermore, the use of this data at city level can provide spatial proposals for urban regeneration, and a template for urban participatory design.

