

CAMBRIDGE, MA

BOSTON POLICE DEPARTMENT ISOCHRONES

SKILL: CALCULATING AND VISUALLY COMMUNICATING
RELATIONSHIPS AMONG SPATIAL DATA LAYERS

SOFTWARE USED: R

I was curious to see if and where there were overlaps between 10-minute drivesheds and walksheds of Boston Police Department stations, in which neighborhoods those occurred, and if that could lead to any nascent understandings about the extent to which certain neighborhoods are policed (or over-policed).

Some noticings:

- The area of a ten-minute walkshed mostly fell between ~0.6 and ~0.9 square kilometers. There was greater variability in the drivesheds.
- The South End, Roxbury, and South Dorchester had larger numbers of overlapping walksheds and drivesheds.

