

Mixed methods approaches to administrative spatial modeling

Modeling approaches

ML methods

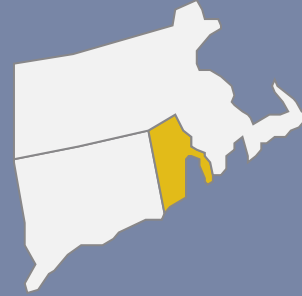
- Spatial k-means clustering
- GCNs for spatial interpolation

Statistical methods

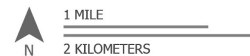
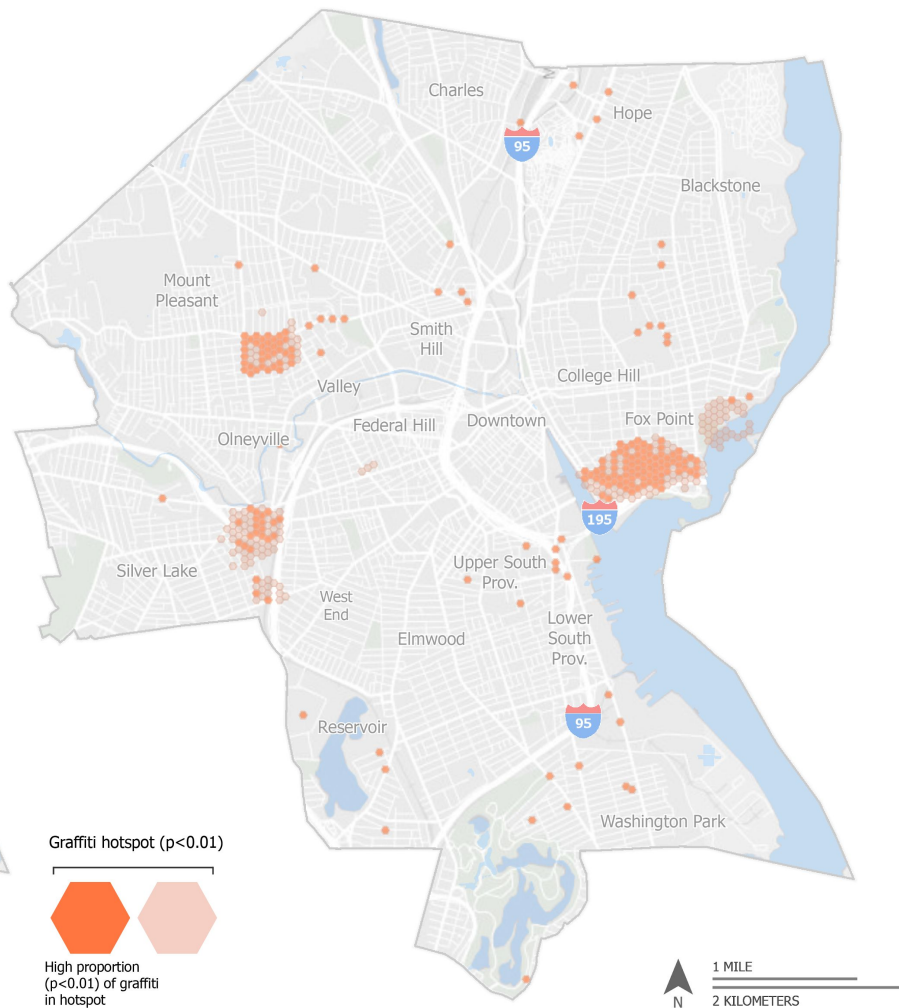
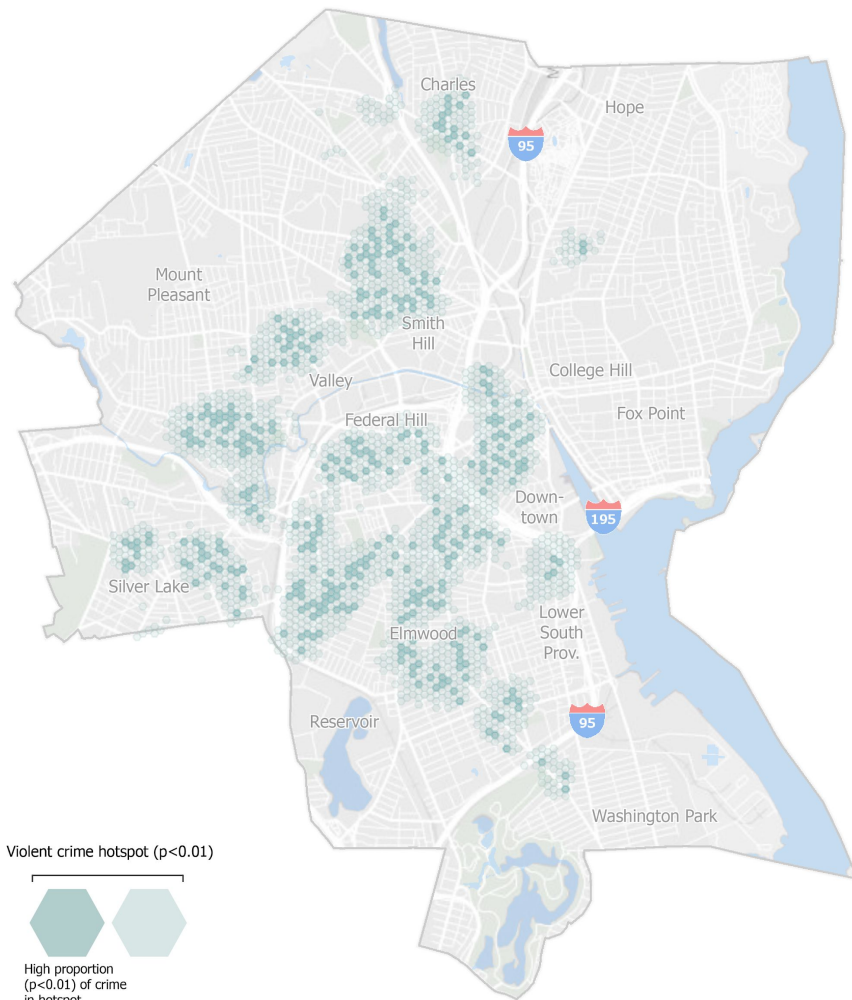
- Local indicators for spatial association
- Spatial effects of principle components

Qualitative methods

- Equal-status design

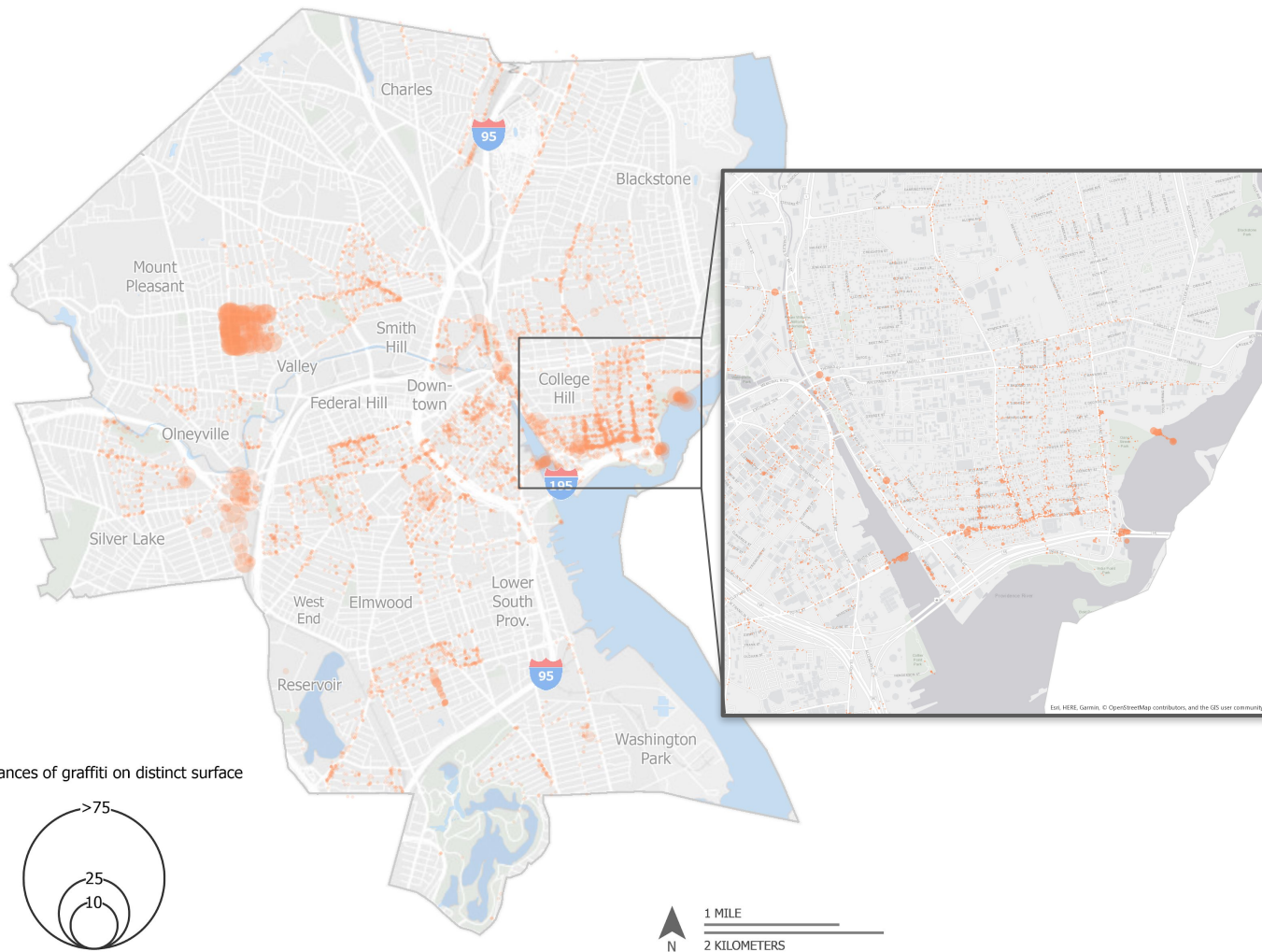


**~6.4 mi² surveyed in
Providence, RI**





1 MILE
2 KILOMETERS



Instances of graffiti on distinct surface

