Optimal Placements of Wapoints

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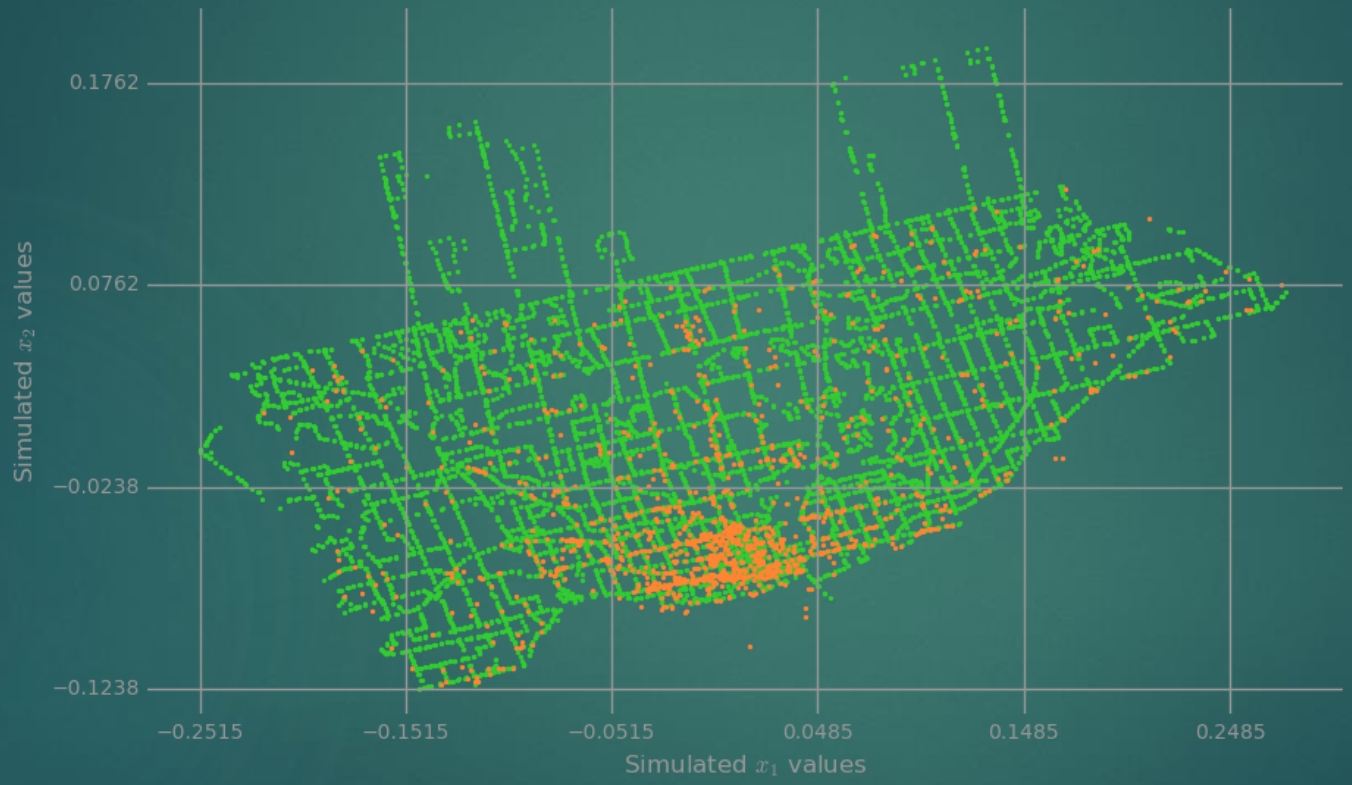
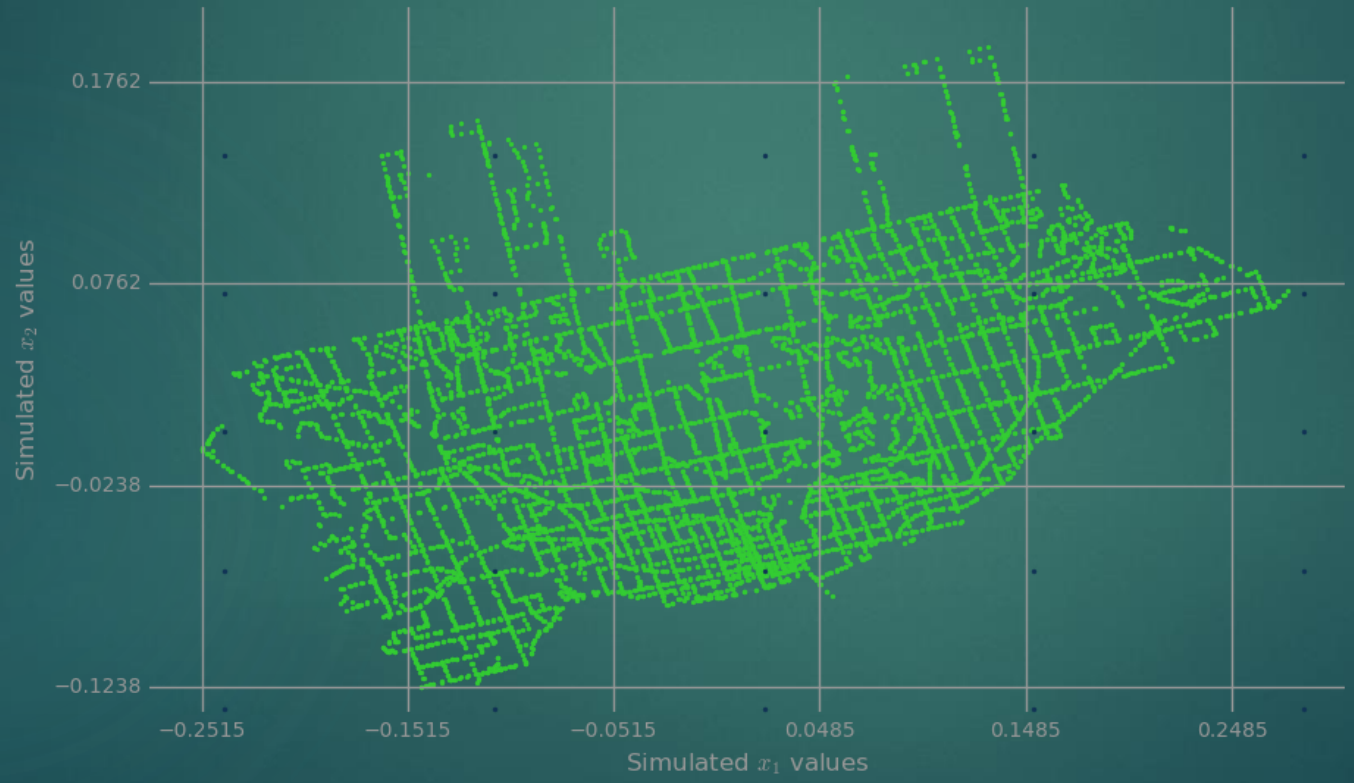
About us

The Task

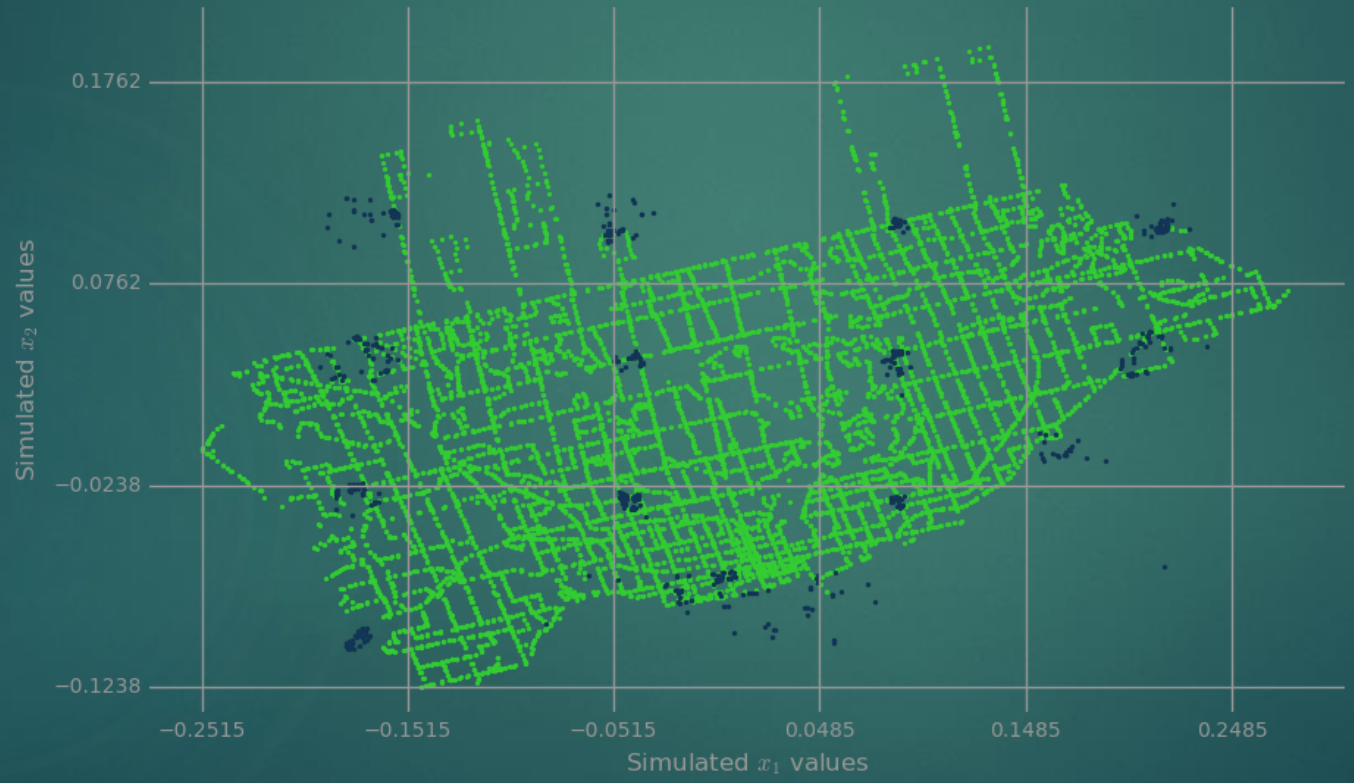
Cultural Landmarks



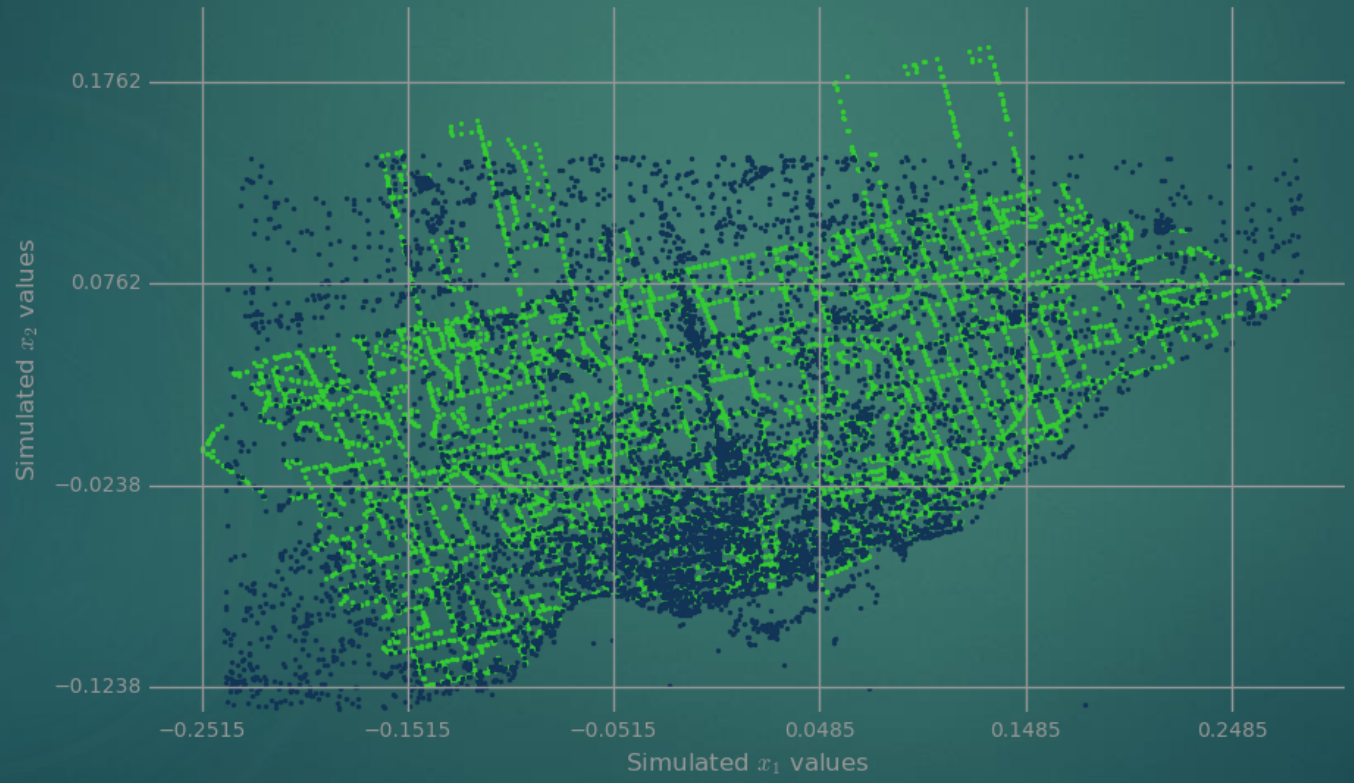
Check in mining



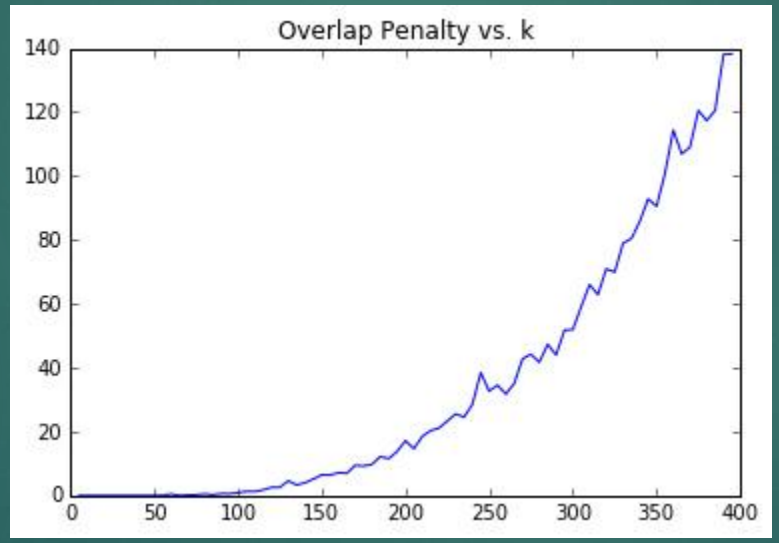
Check in mining



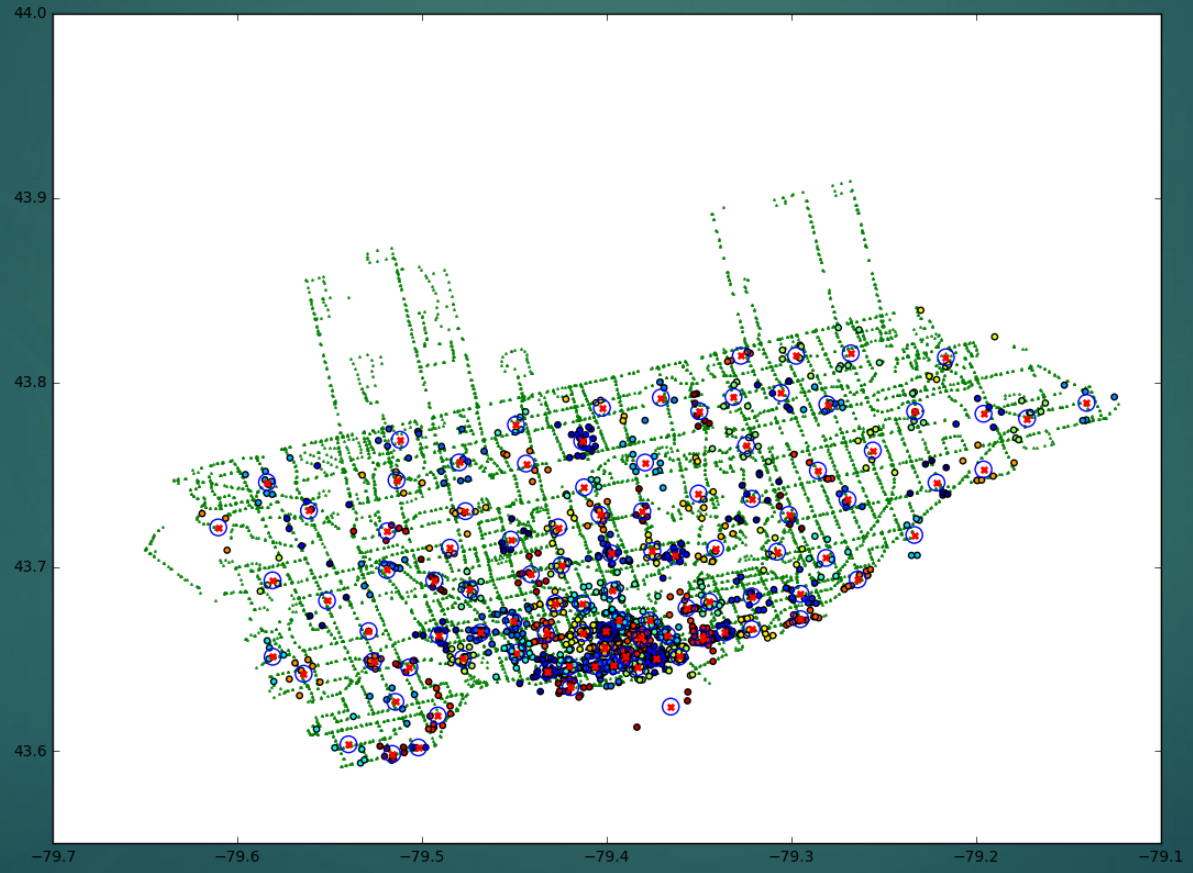
Check ins


0.1762
0.0762
−0.0238
−0.1238
Simulated x_2 values
−0.2515
−0.1515
−0.0515
0.0485
0.1485
0.2485
Simulated x_1 values

Clustering


Overlap Penalty vs. k
140
120
100
80
60
40
20
0
0
50
100
150
200
250
300
350
400

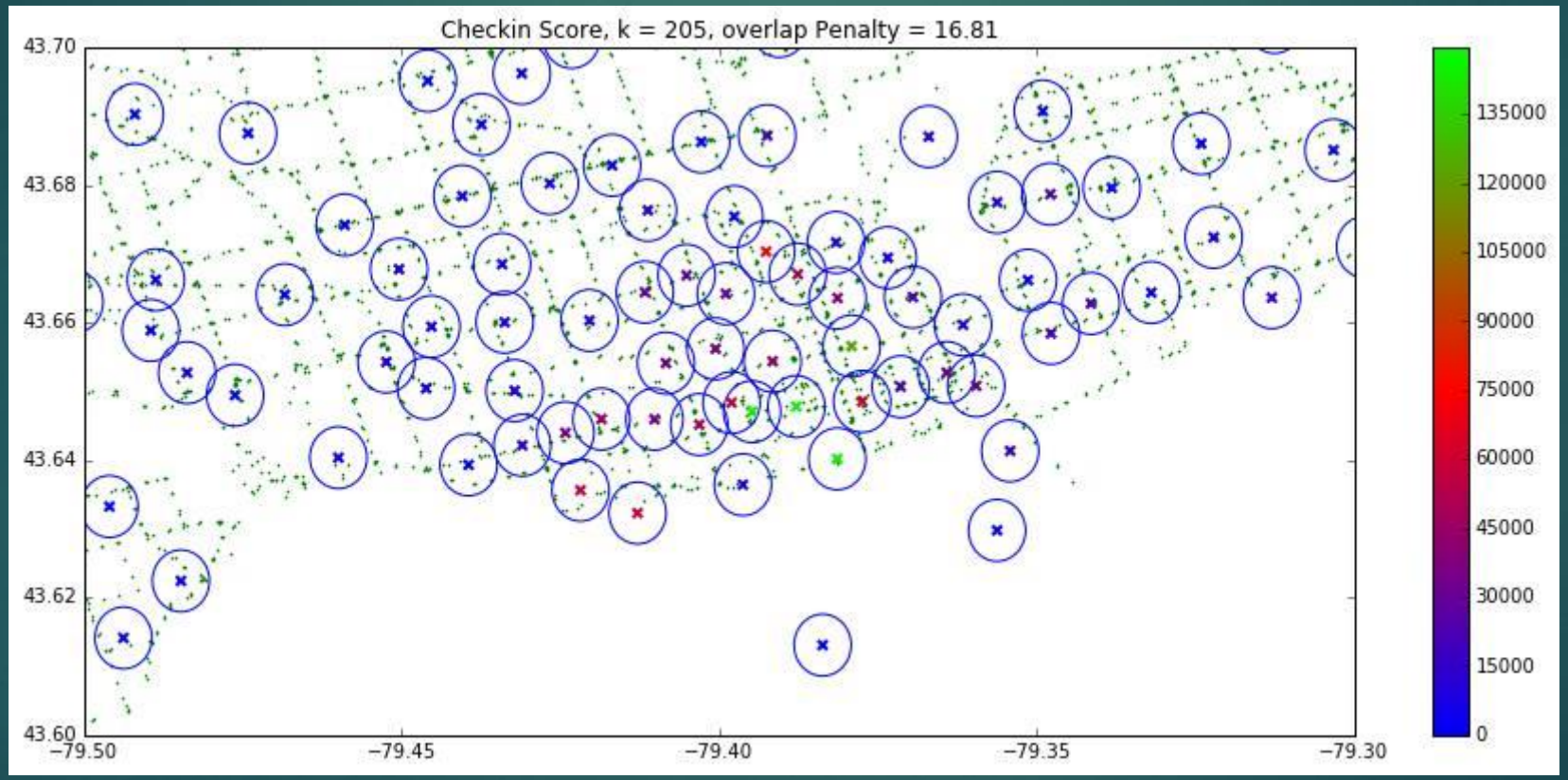
Clustering



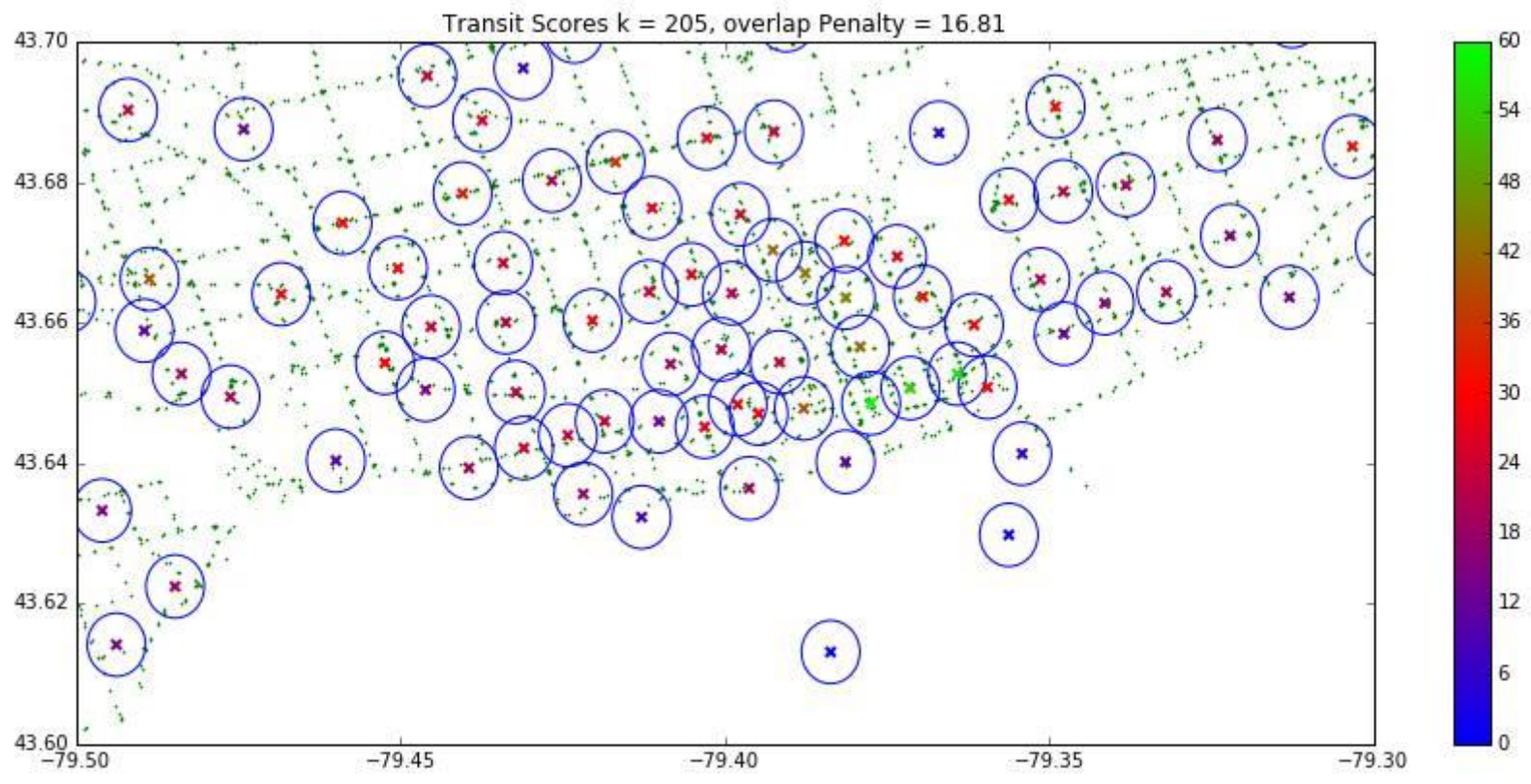
Clustering

K-means clustering on the City of Toronto Cultural Spaces Dataset
Centroids are marked with white cross

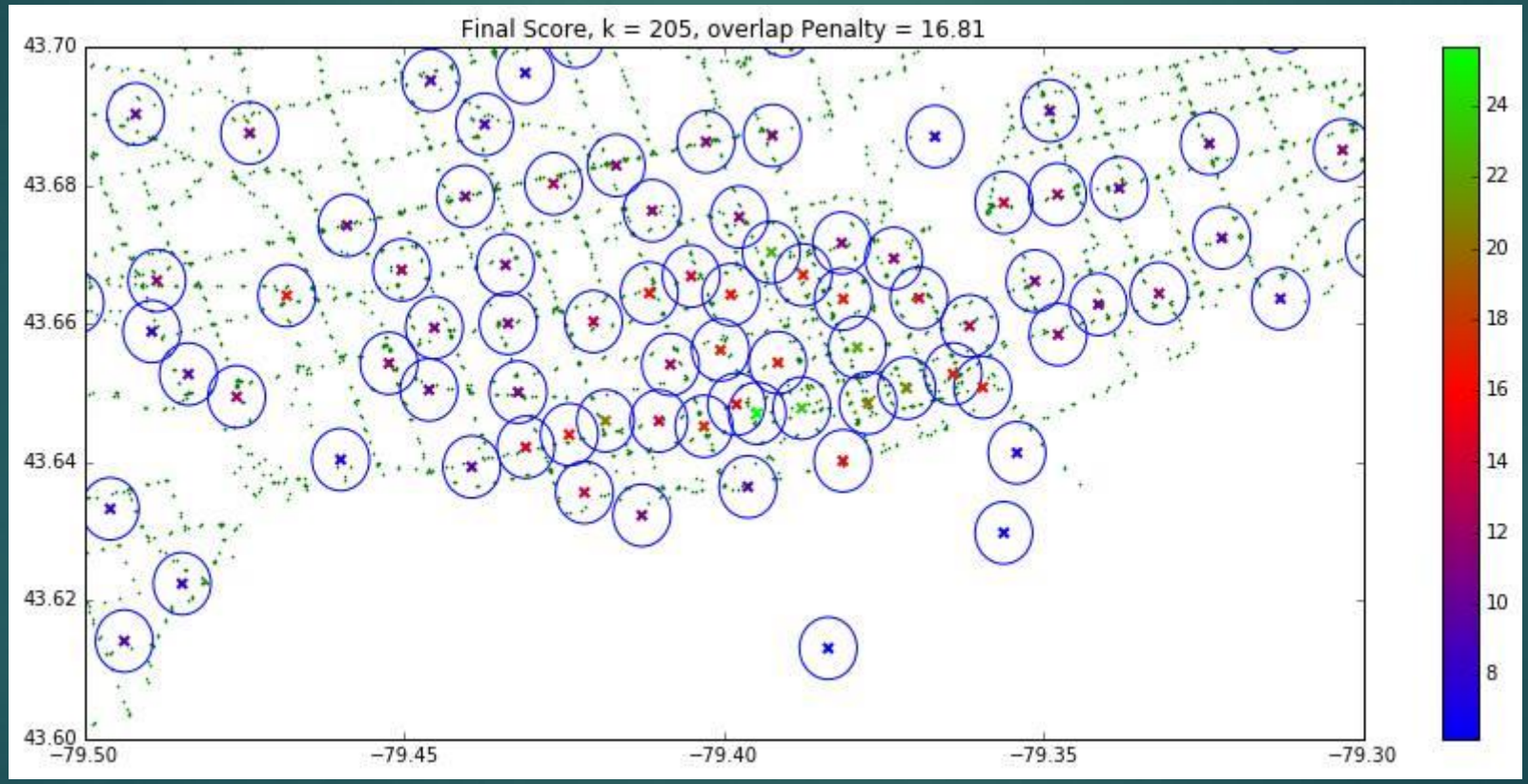
Scoring: check ins



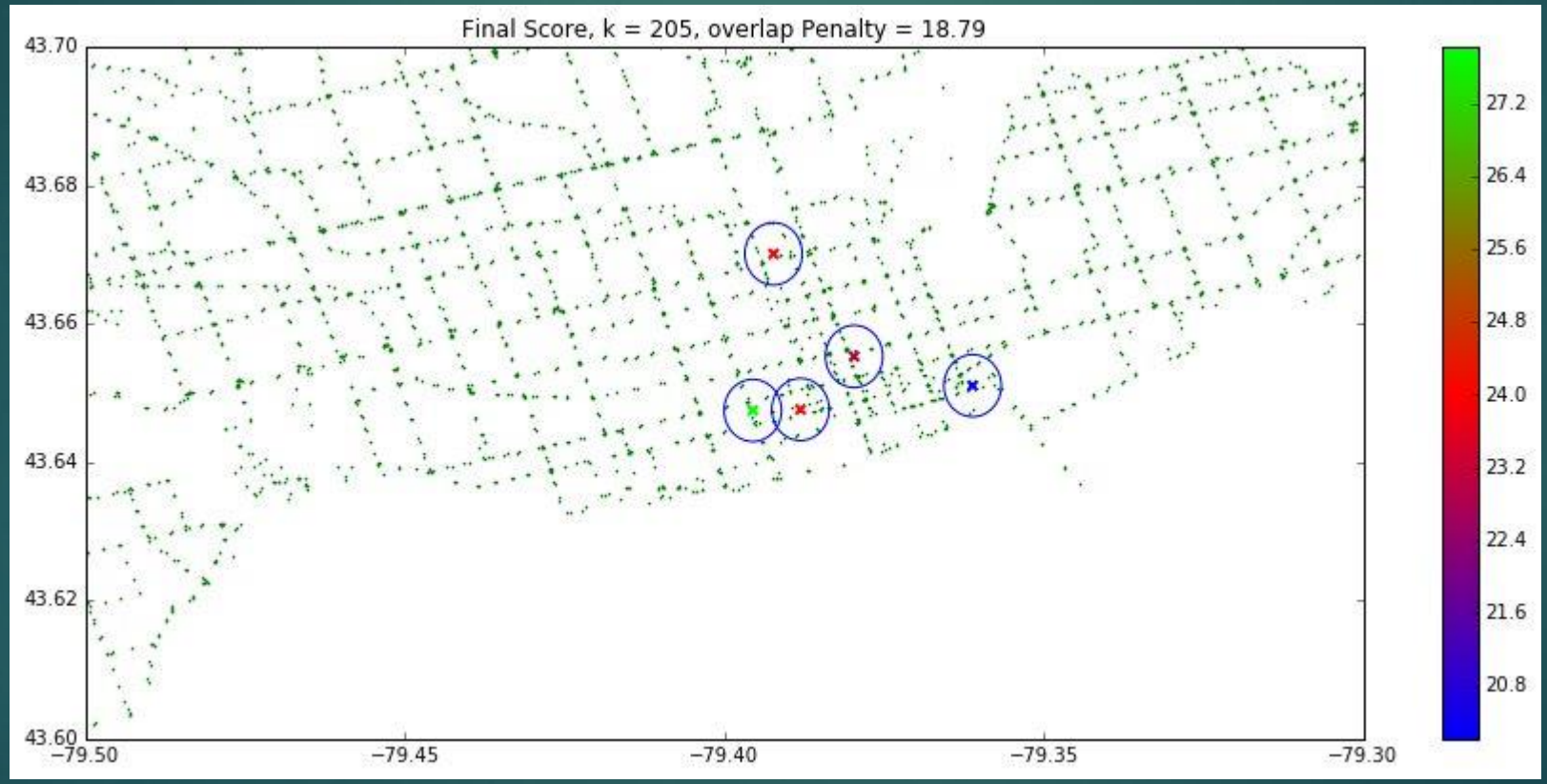
Scoring: transit stops



Combined Scoring



Top Five


Final Score, k = 205, overlap Penalty = 18.79
43.70
43.68
43.66
43.64
43.62
43.60
−79.50
−79.45
−79.40
−79.35
−79.30
27.2
26.4
25.6
24.8
24.0
23.2
22.4
21.6
20.8

Interactive Map