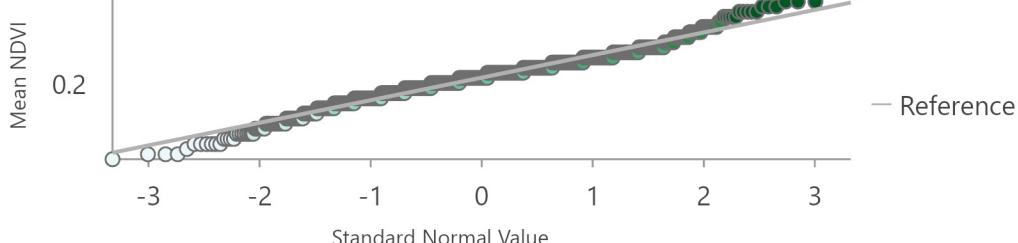


Mean NDVI by Dissemination Area

Comparison of Mean NDVI and Normal Distributions



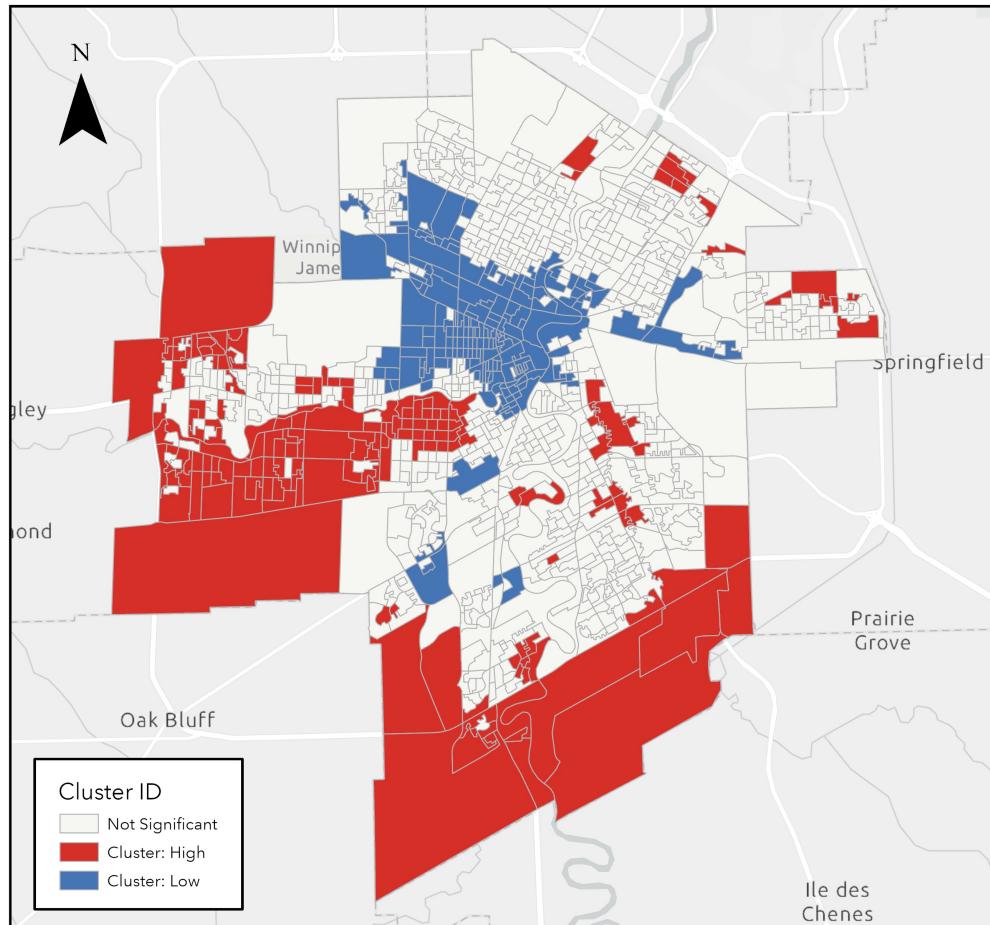
WINNIPEG, MANITOBA

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October 7, 2024
WGS 1984 UTM Zone 14N

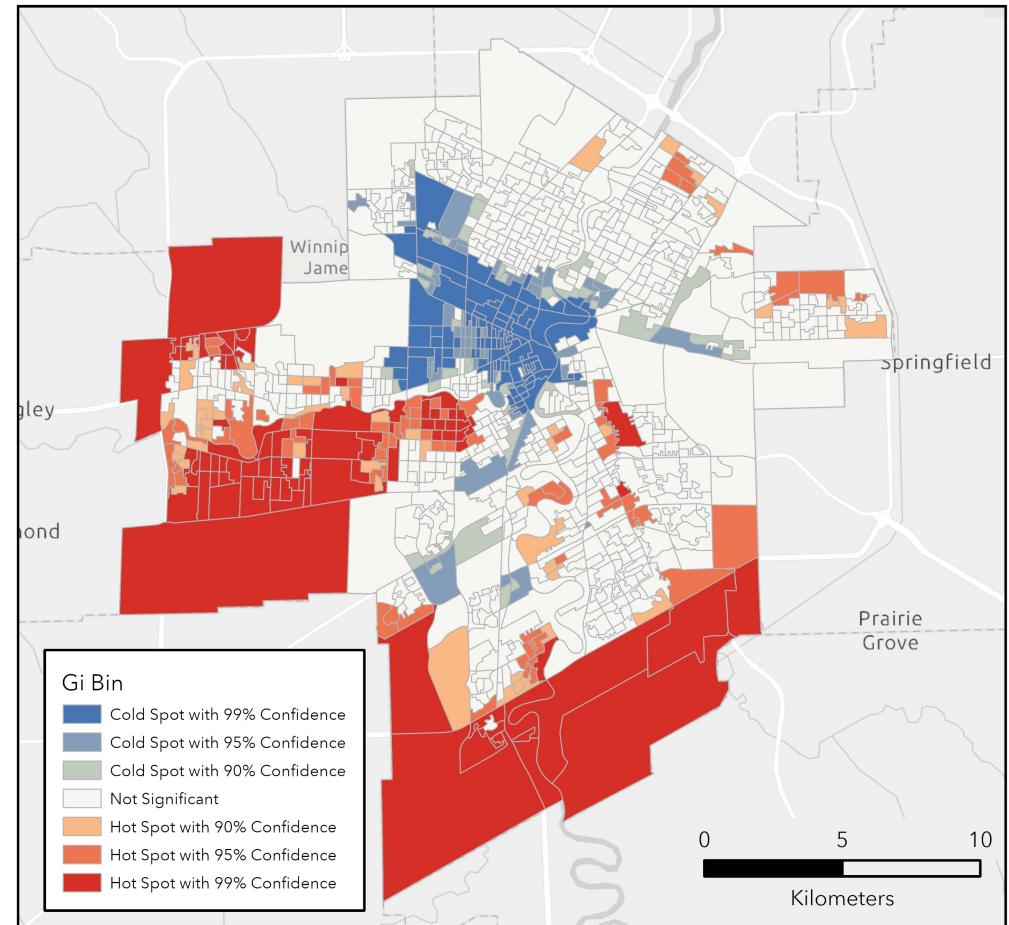
Mean NDVI Hot & Cold Spots by Dissemination Area

Spatial Autocorrelation with Getis-Ord Local Gi*

WINNIPEG, MANITOBA



GeoDa Results



ArcGIS Pro Results

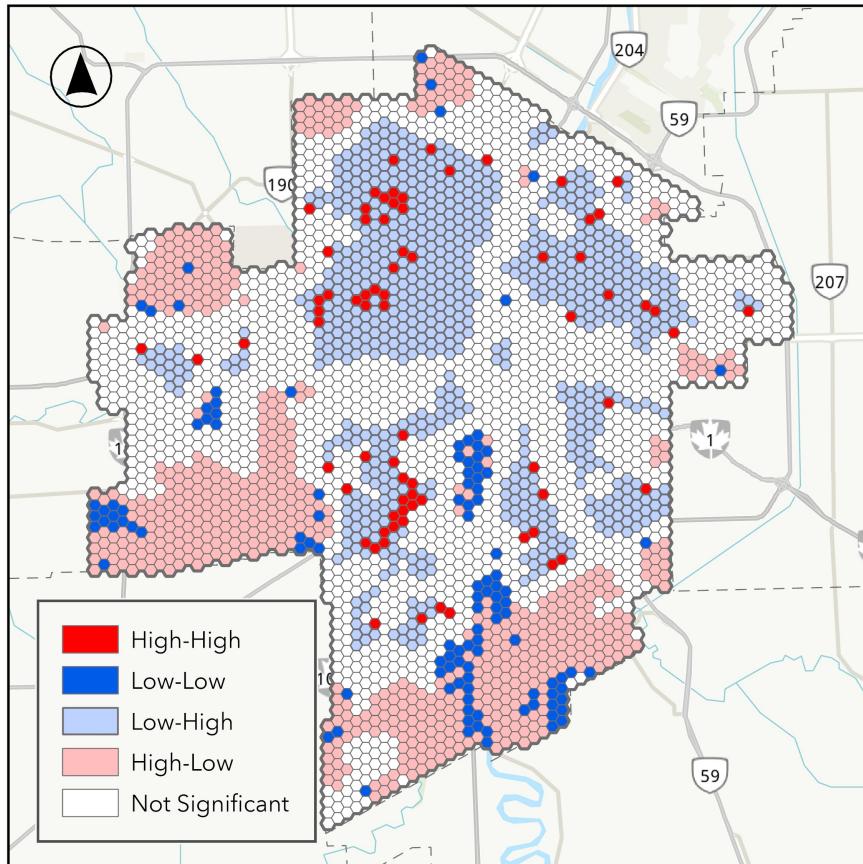
Sources: NDVI derived from Landsat 9 Imagery acquired July 31, 2024; Dissemination Areas (Statistics Canada, 2021)

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October 19, 2024
WGS 1984 UTM Zone 14

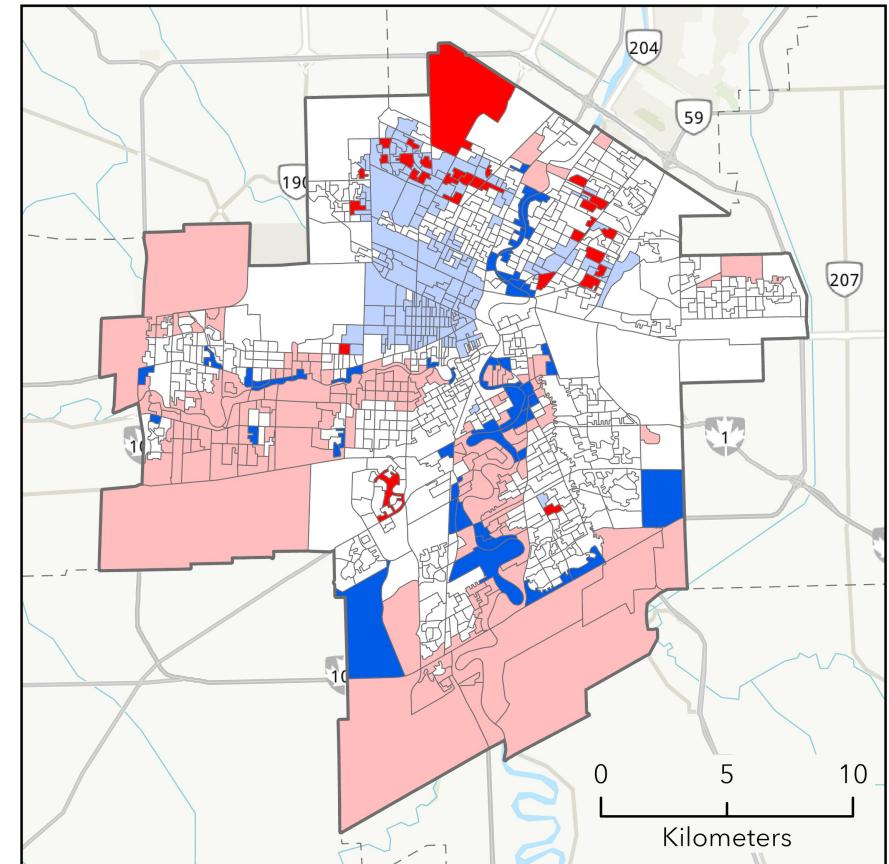
Mean NDVI & Surface Temperature Clusters

Analyzing with Bivariate Local Moran's I Across Different Zones

WINNIPEG, MANITOBA



Hexagonal Tessellation



Dissemination Areas

Sources: NDVI, Surface Temperature derived from Landsat 9 Imagery acquired July 31, 2024; Dissemination Areas (Statistics Canada, 2021)

Isabeaux Graham
October 27, 2024
WGS 1984 UTM Zone 14