

ProblemSet2_new

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Abstract

Abstract nnnnn nnnnnn

Introduction

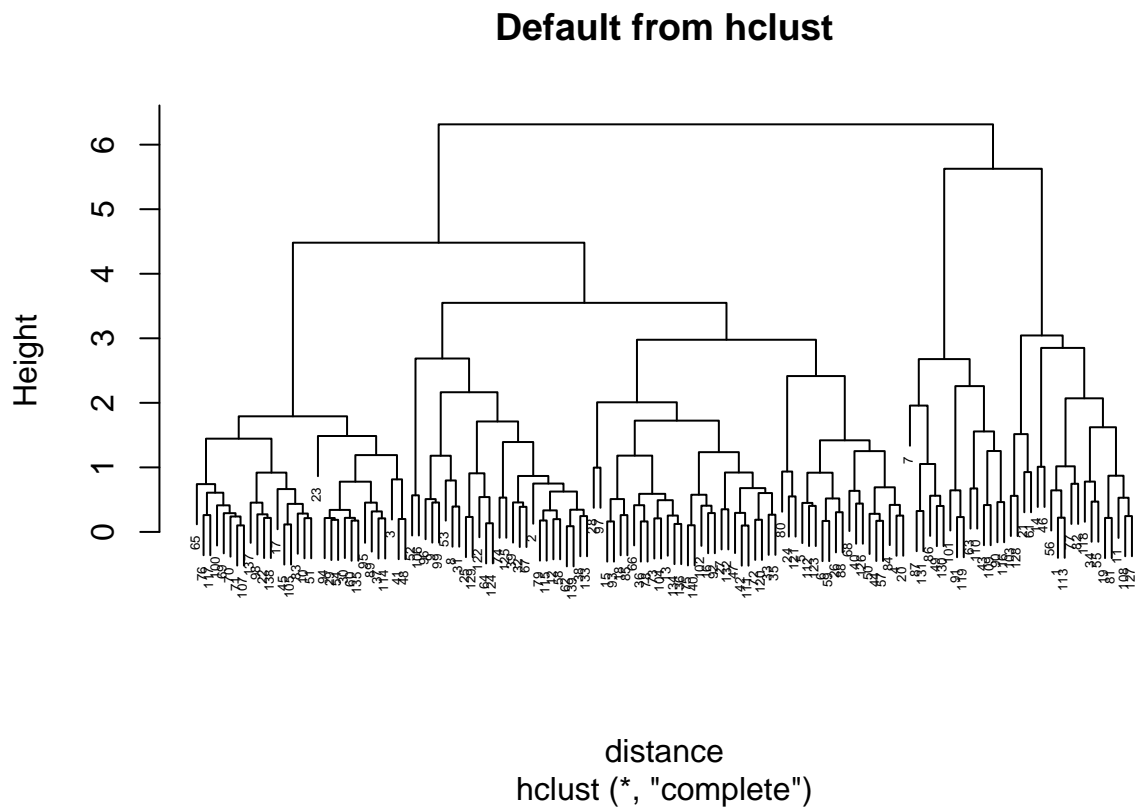
Dataset and Method Description

Limitation of the Dataset and Approach

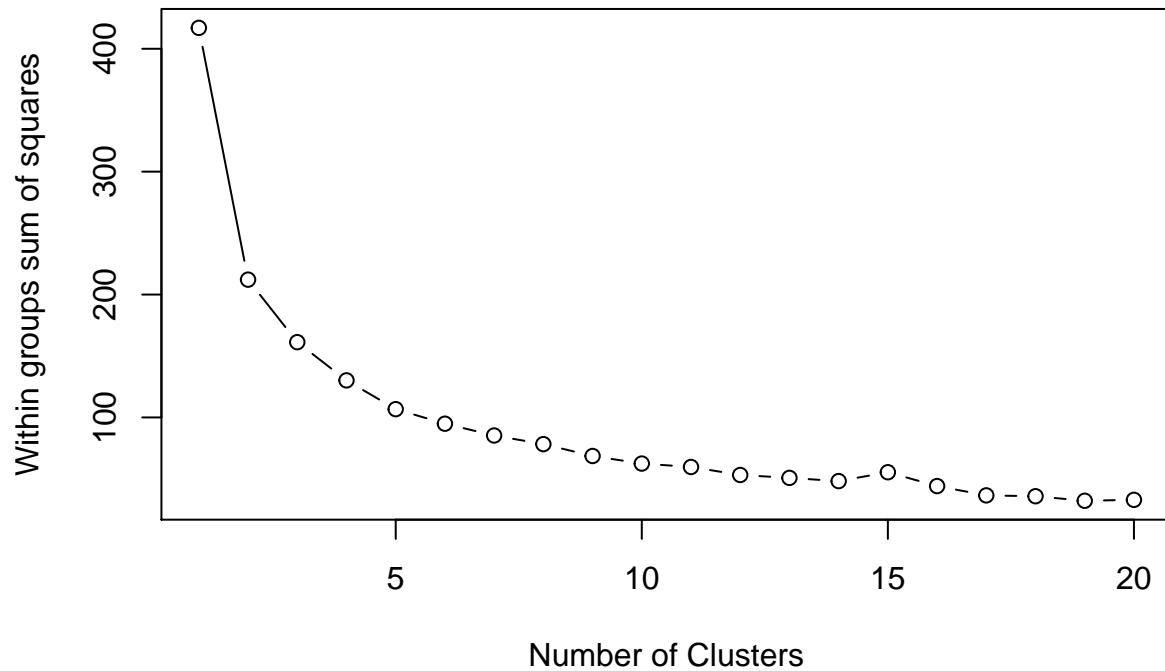
Ethical Considerations

Clustering Toronto's Neighbourhoods by Features of Education, Income and Visible Minority Status

Euclidean Distance Between Toronto's Neighbourhoods



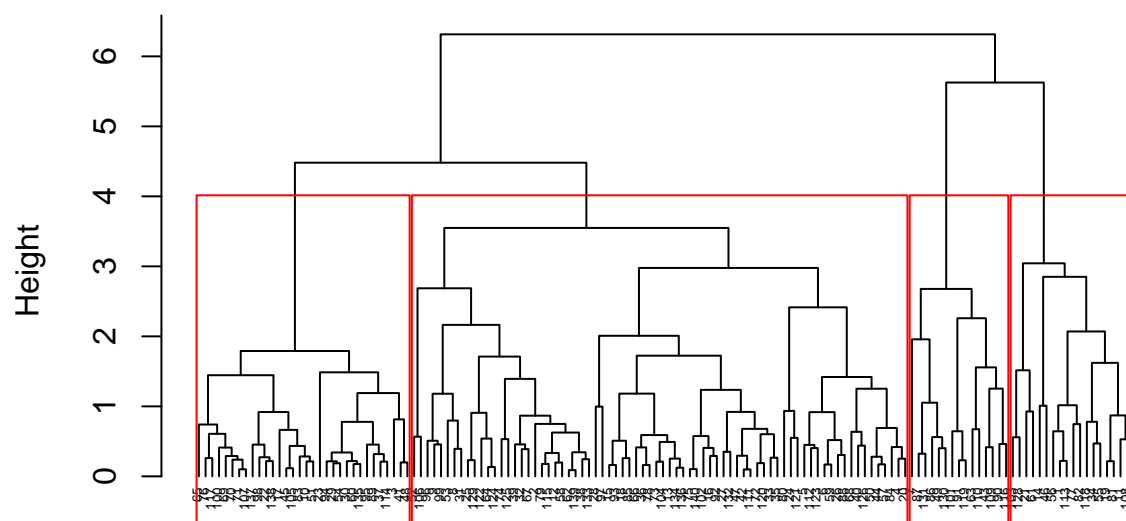
Determine optimal number of clusters



Assessing Characteristics of Neighbourhoods

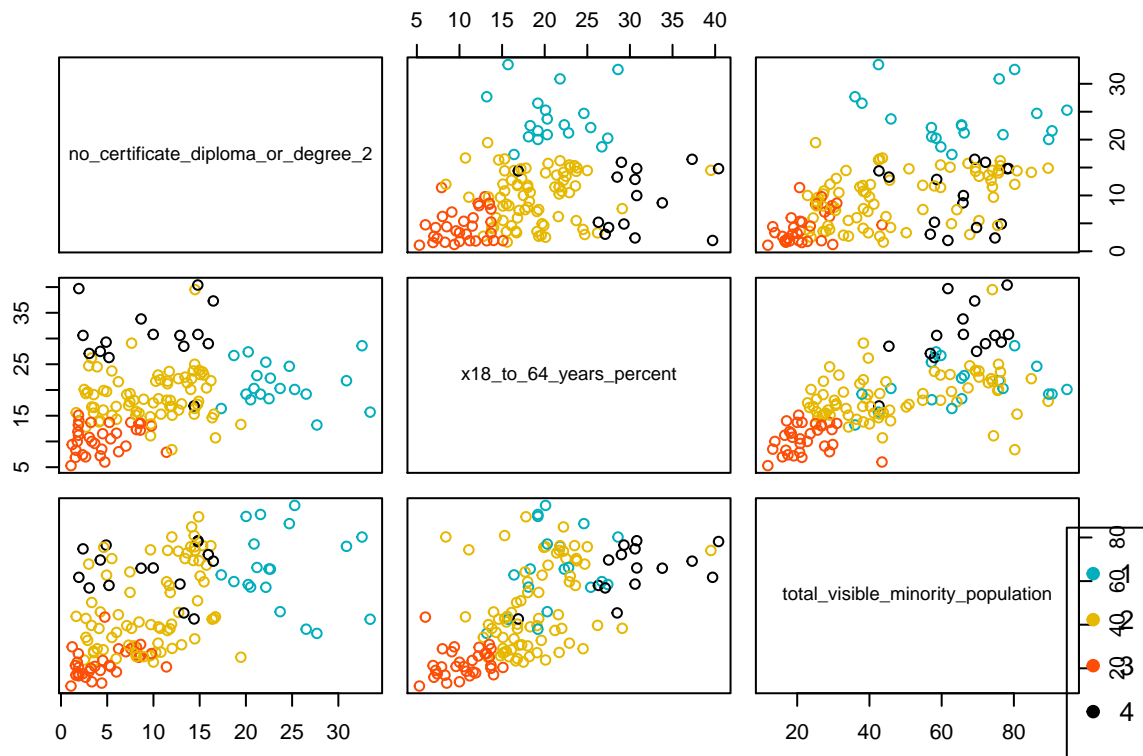
```
## Group.1 no_certificate_diploma_or_degree_2 x18_to_64_years_percent
## 1      1      1.86708782      0.361024292
## 2      2     -0.09690413      0.005598365
## 3      3     -0.82484840     -1.129511795
## 4      4     -0.12724094      1.924709126
## total_visible_minority_population
## 1      0.87827168
## 2      0.06191111
## 3     -1.10333469
## 4      0.93587504
```

Cluster Dendrogram



distance
hclust (*, "complete")

Clusters Distribution



Toronto's Neighbourhoods Clusters Map

```
## tmap mode set to plotting
```

