Integration and Welcome-ability Indexes: Measures of Community Capacity to Integrate Immigrants

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Outline

- Definition and Theoretical Framework for Analysis of Integration
- Welcome-Ability Index: An Illustration Using Community-Level Data
- Integration Index: An Illustration Using Individual-Level Data
- Concluding Remarks: Toward Multi-Level Analysis of Integration

1. Framework of Analysis
2. Data & Methods
3. Results
Immigrant integration: “a process through which newcomers become capable of participating in the economic, social and civic/political life of the receiving country” Joppke and Seidle (2012: 9).
Theoretical Macro-Micro Framework of Analysis of Immigrant Integration

A. Macro/Community
Conditions/Characteristics

B. Macro/Community
Outcomes – Welcome-ability

C. Micro/Immigrant
Conditions/Characteristics

D. Micro/Immigrant
Outcomes – Integration
Framework for Analysis at the Macro-level

Community Conditions/Characteristics

A

Political

Social

Economic

9. Political Participation Opportunities
6. Fostering Social Capital *
7. Social Engagement Opportunities
8. Positive Attitudes toward Immigrants, Cultural Diversity, and the Presence of Newcomers in the Community *

1. Employment Opportunities*
2. Affordable & Suitable Housing*
3. Educational Opportunities
4. Available and Accessible Public Transit
5. Accessible and Suitable Healthcare*

B

10. Municipal Features and Services Sensitive to the Presence and Needs of Newcomers*
11. Presence of Newcomer-Serving Agencies that Can Meet the Needs of Newcomers*

Welcome-ability

Community Outcome
Welcome-Ability Index: Data and Method

- Unit of analysis: 45 Local Immigration Partnerships (LIPs)
  - 30 LIPs in Ontario cities and municipalities
  - 15 LIPs in Toronto
- Data: 2006 Census and 2008 Canadian Community Health Survey (CCHS)
- Exploratory factor analysis and Confirmatory factor analysis (or Structural Equations Model)
Welcome-Ability Index: Variables

**Included in SEM**

- **Economic**
  - Household Income (‘000s)
  - Low Income Ratio among immigrants
  - % of immigrants renting homes

- **Social**
  - % of visible minorities among immigrants
  - % of immigrants in the community
  - Population Diversity in the community

- **Health**
  - % of immigrants rating health care in the community as good or excellent
  - Immigrants’ perceived health on a scale of 100

**Not Included in SEM**

- **Economic**
  - % of employed immigrants
  - % of unemployed immigrants
  - Median monthly rent immigrants pay (‘00s)
  - Ratio of dwelling value to median HH income

- **Social**
  - Sense of Belonging of immigrants on a scale of 100
  - Municipal services available in the community
  - Number of immigrants per N211 service

- **Health**
  - % of immigrants who perceive barriers in improving health
  - % of immigrants who have a regular doctor
Path diagram from the Structural Equations Model (Standardized solution)
South Ontario: Local Immigration Partnerships and Welcome-ability Ranks

Legend
- Local Immigration Partnership
- Ontario

Map showing various regions with numerical rankings.
## Framework for Analysis at the Micro-level

<table>
<thead>
<tr>
<th></th>
<th>Political</th>
<th>Social</th>
<th>Economic</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Formal</strong></td>
<td>Legitimacy</td>
<td>Recognition</td>
<td>Inclusion</td>
</tr>
<tr>
<td></td>
<td>Voting in election</td>
<td>Trust in people</td>
<td>Paid Work</td>
</tr>
<tr>
<td><strong>Substantial</strong></td>
<td>Participation</td>
<td>Belonging</td>
<td>Equality</td>
</tr>
<tr>
<td></td>
<td>Membership in organization</td>
<td>Sense of belonging</td>
<td>Income</td>
</tr>
</tbody>
</table>

**Integration**

**Individual Conditions/Characteristics**

**Individual Outcome**

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*Note: The table outlines various aspects under political, social, and economic domains for formal and substantial conditions.*
Integration Index: Data

- Data: Canadian General Social Survey on Social Networks 2008
  - Total respondents: 20,401
  - Respondents in Ontario aged 30-64: 4,978
# Integration Index: Variables and Weights

<table>
<thead>
<tr>
<th></th>
<th>Political</th>
<th>Social</th>
<th>Economic</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Formal</strong></td>
<td>Voted in last</td>
<td>Feel people can be trusted</td>
<td>Work at paid job or business</td>
</tr>
<tr>
<td></td>
<td>election</td>
<td>.10</td>
<td>.20</td>
</tr>
<tr>
<td><strong>Substantial</strong></td>
<td>Participated or</td>
<td>Feel strong sense of</td>
<td>Annual Income greater than cut-off</td>
</tr>
<tr>
<td></td>
<td>member of at</td>
<td>belonging</td>
<td>.30</td>
</tr>
<tr>
<td></td>
<td>least one group</td>
<td>.15</td>
<td>.15</td>
</tr>
</tbody>
</table>

Integration Score
## Average Integration Scores: Immigrants

### Independent Variables

<table>
<thead>
<tr>
<th>Gender</th>
<th>N</th>
<th>Economic</th>
<th>Socio-Cultural</th>
<th>Political</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Work at Paid Job</td>
<td>Personal Income</td>
<td>Can Trust People</td>
</tr>
<tr>
<td>Male</td>
<td>713</td>
<td>0.89</td>
<td>0.89</td>
<td>0.49</td>
</tr>
<tr>
<td>Female</td>
<td>704</td>
<td>0.63</td>
<td>0.69</td>
<td>0.44</td>
</tr>
<tr>
<td>Ethnicity</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Visible Minority</td>
<td>788</td>
<td>0.75</td>
<td>0.76</td>
<td>0.44</td>
</tr>
<tr>
<td>Non-Visible Minority</td>
<td>589</td>
<td>0.77</td>
<td>0.82</td>
<td>0.51</td>
</tr>
<tr>
<td>Urban/Rural</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Larger Urban Centres</td>
<td>1364</td>
<td>0.76</td>
<td>0.80</td>
<td>0.46</td>
</tr>
<tr>
<td>Rural and Small Towns</td>
<td>53</td>
<td>0.75</td>
<td>0.66</td>
<td>0.62</td>
</tr>
<tr>
<td>Total</td>
<td>1417</td>
<td>0.76</td>
<td>0.79</td>
<td>0.47</td>
</tr>
</tbody>
</table>
## Average Integration Scores: Non-Immigrants

<table>
<thead>
<tr>
<th>Independent Variables</th>
<th>N</th>
<th>Economic</th>
<th>Socio-Cultural</th>
<th>Political</th>
<th>Integration Index</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Work at Paid Job</td>
<td>Personal Income</td>
<td>Can Trust People</td>
<td>Strong Sense of Belonging</td>
</tr>
<tr>
<td>Gender</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Male</td>
<td>1729</td>
<td>0.83</td>
<td>0.93</td>
<td>0.54</td>
<td>0.70</td>
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<tr>
<td>Female</td>
<td>1785</td>
<td>0.65</td>
<td>0.75</td>
<td>0.55</td>
<td>0.73</td>
</tr>
<tr>
<td>Ethnicity</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Visible Minority</td>
<td>63</td>
<td>0.72</td>
<td>0.89</td>
<td>0.42</td>
<td>0.65</td>
</tr>
<tr>
<td>Non-Visible Minority</td>
<td>3367</td>
<td>0.74</td>
<td>0.83</td>
<td>0.54</td>
<td>0.72</td>
</tr>
<tr>
<td>Urban/Rural</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Larger Urban Centres</td>
<td>2907</td>
<td>0.74</td>
<td>0.84</td>
<td>0.54</td>
<td>0.72</td>
</tr>
<tr>
<td>Rural and Small Towns</td>
<td>607</td>
<td>0.72</td>
<td>0.81</td>
<td>0.54</td>
<td>0.71</td>
</tr>
<tr>
<td>Total</td>
<td>3514</td>
<td>0.74</td>
<td>0.84</td>
<td>0.54</td>
<td>0.72</td>
</tr>
</tbody>
</table>
Concluding Remarks

Indexes (or scores) could be used for subsequent analysis

For multi-level, multi-dimensional analysis, data on:

- Opportunities and facilities in communities
- Individuals (immigrants and non-immigrants)
- Initiatives for immigrants
Theoretical Macro-Micro Framework of Analysis of Social Cohesion

A. Macro/Community Conditions/Characteristics
B. Macro/Community Outcomes – Welcome-ability
C. Micro/Immigrant Conditions/Characteristics
D. Micro/Immigrant Outcomes – Integration
E. Macro/Community Outcomes – Social Cohesion
F. Micro Conditions/Characteristics of Immigrant & Non-Immigrant
G. Micro Outcomes – Integration of Immigrant & Non Immigrant
Thank you!

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