# TRACE - Retail Cluster Accessibility

*Ann Verhetsel University of Antwerp, Belgium ( ann.verhetsel@ua.ac.be)*

## 1. PLANNING CONTEXT

| | |
|---|---|
| Geographical Scale | National Supra-Municipal Municipal Neighbourhood |
| Status: | Research tool In development |
| Planning Process: | Formal planning process |

## 2. PLANNING GOALS

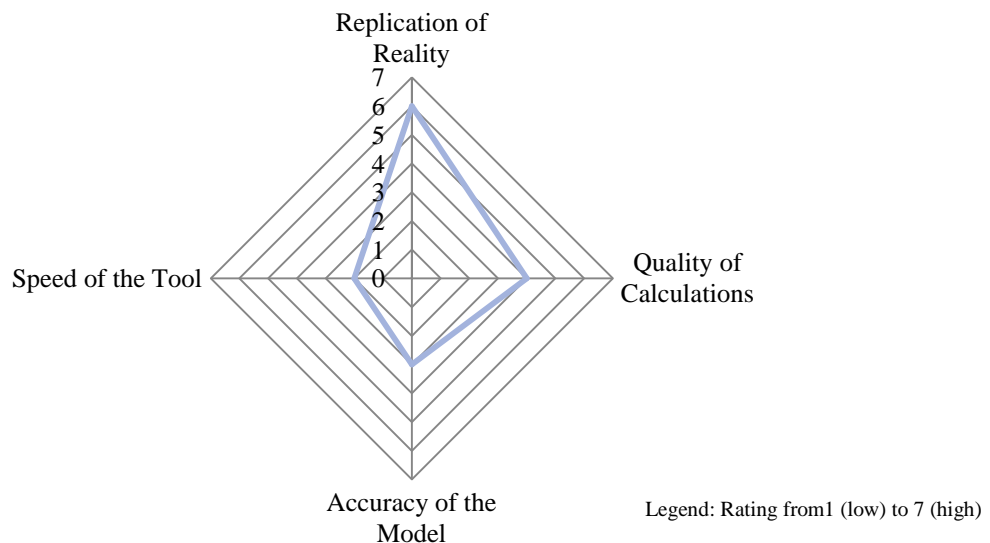| | |
|---|---|
| Public Stakeholder Goals: | To decide on the location of residences/activities/ services |
| Private Investors Concerns: | Where to locate business |
| Main Individual Goals: | Choosing the nearest activities |

## 3. CHARACTERISTICS OF THE INSTRUMENT

| | |
|---|---|
| Decision Support Task: | Cooperative decision support tool |
| Accessibility Measure Tradition: | Spatial separation measures Contour measures Time-space measures |
| Components: | Some accessibility components: land-use; transportation; individual |
| Level of Spatial Aggregation: | Post addresses Buildings Axial lines Shops |
| Level of Socio-economic Disaggregation: | Characteristics of shops |
| Level of Temporal Disaggregation: | None/ aggregate measure |
| Transport Modes: | None |
| Purposes/ Opportunities: | Shopping |

### How the Instrument Replicate Reality



Legend: Rating from 1 (low) to 7 (high)

# 4. END-USERS AND HOW THEY USE THE TOOL

<span style="color:steelblue">■</span> Ease for Practitioners to Use the Instrument    <span style="color:darkred">■</span> Knowledge and Skills Required    <span style="color:orange">■</span> Usability to Understand the Quality and Experience of Travel

Legend: Rating from1 (low) to 7 (high)



| | | |
|---|---|---|
| Potential Users: | Spatial/ Urban Planners<br>Transport Planners<br>Politicians<br>Retailers<br>Developers/ Researchers | |
| Interpretable Units Used: | Do not understand the question | |
| Intended Use to Connect Service Users and Providers: | Tool to monitor consistency of perceptions/ expectations between providers, users and suppliers | |
| Intended Role in Urban Planning: | To justify decision/ positions already taken<br>To support strategy/ option generation<br>To support integration of urban planning perspectives | |
| Institutional Issues Blocking Effectiveness : | Data availability<br>Tool in development | |