

Literature Review

NPART Model Parameters

Classification

Section 1

Geographical Fields of the Node-Place Model

30% China & Netherlands
International Metropolises
68 stop points
median of modeled networks

Model Adjusted by Two Additional Dimensions

Connections
Degree of urban integration

Ridership
Temporal integration of flows

Sections 2 et 3

Aspects and Variables

4 dimensions
Node (*N*)
Place (*P*)
Accessibility (*A*)
Ridership per Time (*RT*)
46 indicators

Relative Weight of Criteria

3 weighting methods
Equal weight
Statistical influence
Planning strategies
55 stakeholders

Section 4

Significant Effects on Network Ridership

Frequency
of high-speed rail network

Urban transit
metro or tramway service

Points of Interest
'superior' category

Property value
activity locations

Cycling System
Shared cycling system,
parking, and infrastructure

Positive Relationships

$R^2 = 0.93$
Node (*N*) with Ridership (*RT*)

$R^2 = 0.80$
Place (*P*) with Accessibility (*A*)

Typology

3 classes
TOD and M-TOD (6%)
TAD and M-TAD (47%)
Car-oriented (47%)