Urban and Regional Economics @ Institute of Economic Research

CRS
Perfect competition
1st-nature advantage

IRS
Imperfect competition
2nd-nature advantage

CRS/DRS vs IRS
Unique vs multiple equilibria

Classical economic geography
Location theory – A single plant location in a general location space
Agricultural land use – Land rent curve

Classical urban economics
Residential location in a city with a given CBD

Spatial competition
Local & global competition
Spatial patterns

Systems of cities
Endogenous formation of cities
(abstraction of inter-city space)

New urban economics
Endogenous formation of BDs

Complementary approaches

New economic geography
Endogenous formation of cities
(abstraction of intra-city space)

Quantitative spatial economics
CRS/DRS
Spatial variation by unobserved factors
Emphasis on comparative statics

Many-region agglomeration theory
Fourier analysis, Potential game
Monte-Carlo sampling of equilibria
Regular spatial patterns

Future projection of cities
Long-run projection of the spatial distribution of population across cities and within cities

Complementary approaches

Granular spatial models
Indivisible agents with vertical heterogeneity
Place-based policies to influence dartboard patterns

Mori (Spring 2027)
Mori (Spring 2026)
Mori (Fall 2026)
Osawa (Spring 2026)

1960
1980
1990
2000
2010
2020