

List of Abbreviations

2SLS	Two-stage least squares
A	Atkinson index
a.k.a.	also known as
AT	Austria
AIC	Akaike information criterion
BBR	Bundesamt für Bauwesen und Raumordnung
BE	Belgium
CEEC/CEE-10	Central and Eastern European Countries
CES	Constant elasticity of substitution
CH	Switzerland
CMSA	Consolidated metropolitan statistical area
CP	Core-periphery
CRS	Constant returns to scale
CY	Cyprus
CZ	Czech Republic
DE	Germany
DK	Denmark
DPMA	Deutsches Patent- und Markenamt
e.g.	exempli gratia
EC	European Community
EE	Estonia
EEG	Evolutionary economic geography
emp.	employment
EPC	European Patent Convention
EPO	European patent Office
ERA	European Research Area
ERDF	European Regional Development Fund
ES	Spain
ESDA	Exploratory spatial data analysis
ESF	European Social Fund
ESPON	European Spatial Planning Observation Network
EU	European Union
EU-15	European Union of 15 member states
EU-25	Enlarged European Union of 25 member states
EU-27	Enlarged European Union of 27 member states
FC	Footloose capital
FE	Footloose entrepreneur

FI	Finland
FR	France
GDP	Gross domestic product
GE	Generalized entropy index
GINI	Gini Index
GIS	Geographical information system
GLOC	Locational Gini
GMM	Generalized method of moments
GR	Greece
GSPACE	Spatial Gini
GVA	Gross value added
HHI	Herfindahl-Hirschman index
HME	Home market effect
HRST	Human resources in science and technology
HT	High-technology
HU	Hungary
i.a.	inter alia
ICT	Information and communications technology
ID	Identifier
IE	Ireland
i.e.	id est
innov.	innovation
IPC	International Patent Classification
IPR	Intellectual property rights
ISI	Fraunhofer-Institut für System- und Innovationsforschung
IT	Italy
IV	Instrumental variable
JPO	Japan Patent Office
KPF	knowledge production function
kurt.	kurtosis
LKS	Localized knowledge spillover
LM-ERR	Lagrange multiplier error
LM-LAG	Lagrange multiplier lag
log (ln)	Logarithm (natural)
LQ	Location quotient
LT	Lithuania
LU	Luxembourg
LV	Latvia
M&A	Mergers and acquisition
MAR	Marshall-Arrow-Romer
MAUP	Modifiable area unit problem
max.	maximum
min.	minimum
mio.	million
ML	Maximum likelihood

MSA	Metropolitan statistical area
MT	Malta
NACE	Statistical Classification of Economic Activities in the European Community
nb.	number
NEG	New economic geography
NEGG	New economic geography growth
NFS	Non-full specialization
NGT	New (endogenous) growth theory
NIC	Newly industrialized country
NL	Netherlands
NMS	New member states
NO	Norway
NUTS	Nomenclature of Territorial Units for Statistics
OECD	Organisation for Economic Co-operation and Development
OLS	Ordinary least squares
P30	30th percentile
P50	50th percentile
P70	70th percentile
PCT	Patent Cooperation Treaty
pop.	population
PPP	Purchasing power parity
prod.	productivity
PT	Portugal
RCI	Research cluster index
R&D	Research and development
reg.	regional
RegPAT	OECD RegPAT database
RID	Relative inventor density
RIS	Regional systems of innovation
RPPD	Relative population patent density
RSPD	Relative spatial patent density
RTA	Revealed technological advantage
RTD	Relative technology density
SAR	Spatial autoregressive regression
SER	Spatial error regression
SER	Spatial error regression
SD	Standard deviation
SE	Sweden
SER	Spatial error
SI	Systems of Innovation
SI	Slovenia
SIC	Standard Industrial Classification
SK	Slovakia
skew	skewness

SNA	Social network analysis
STI	Science technology innovation
TCA	Transaction cost approach
TF	Technology field
TL	Territorial level (OECD)
TL1	Territorial level 1: country-level (OECD)
TL2	Territorial level 2: regional-level 1 (OECD)
TL3	Territorial level 3: regional-level 2 (OECD)
tot. nb.	Total (absolute) number
UK	United Kingdom
USA	United States
USPTO	United States Patent and Trademark Office
VL	Vertical linkage
w/	with
w/o	without
WIPO	World Intellectual Property Office
z-score	Standard score