

Tables

1.1	Urban/regional influences and linked theories/approaches	9
2.1	Model indicators: measurement units and descriptive statistics	45
2.2	Top 15 clusters worldwide according to inventive performance	48
2.3	Results of regression analysis of inventive performance (2009–11)	50
3.1	Measurement of variables and descriptive results	70
3.2	Rules on development path to market	71
3.3	Performance and urban location of spin-off firms (absolute numbers)	75
3.4	Case studies of spin-off firms	77
3A.1	Quality indicators of the rough-set procedure	86
3A.2	Outcomes of 50-fold validation test	87
4.1	Growth in China's photovoltaic production (in MW) in 2000–16	92
4.2	Countries with the largest share in global solar photovoltaic cells and modules manufacturing in 2014	95
4.3	Countries with largest absolute and per capita photovoltaic installed capacity (GW) in 2015	95
4.4	Top seven photovoltaic component manufacturers in the world, production capacity in 2015	96
4.5	Trajectory of growth and development of Suntech Power	99
4.6	Trajectory of growth and development of Yingli Green Energy	100
4.7	Production of solar photovoltaics in the Yangtze River Delta, absolute and percentage shares in 2016	103
5.1	Distinctive urban and rural context attributes that influence socio-technical niche developments of photovoltaics	115
5.2	Cumulative installed capacity of photovoltaic technology (in MW) in major markets	123
5.3	Installed photovoltaic capacity on buildings/open spaces in the German states	126

6.1	USPTO patents from leading countries in fuel cells, 1975–2015	144
6.2	Fuel cell cluster patents in Canada over time	147
6.3	Key enterprises and actors in the fuel cell cluster in 2010	149
6.4	Types of collaboration in the Vancouver fuel cell cluster	151
6.5	World fuel cell and hydrogen industry sales, 2014	153
6.6	Policies for development of the fuel cell cluster	154
6A.1	Interviews carried out in the Vancouver fuel cell cluster	163
7.1	Stakeholders and 16 innovations in passenger mobility	185
8.1	Top 20 seaports of the world in cargo and container transport (2015)	193
8.2	Rotterdam seaport and industrial cluster activity: key figures (2015)	197
8.3	Position of European port authorities in energy sustainability	199
8.4	Resource-saving and environment-friendly indicators: Shanghai port	204
9.1	Variables in the final rough-set models: measurement and descriptive results	224
9.2	Decision rules on time to market	225
9.3	Decision rules on employment growth	227
9.4	Key data on case studies of spin-off firms	229
10.1	Stages in organizational innovation adoption	246
10.2	Urban size and average eHealth adoption	255
10.3	Direct effects in modelling of eHealth adoption	256
10.4	Total effects (direct and indirect) in modelling of eHealth adoption	256
10A.1	Measurement of constructs	263
10A.2	Reflective measurement validity	265
10A.3	Formative measurement model validity	265
10A.4	Discriminant validity	266
10A.5	Model fit indices	266
10A.6	Descriptive statistics	267
11.1	Scenario-based charging points per km ² (average) in neighborhoods (2020)	279
11.2	Scenario-based charging points per km ² (average) in neighborhoods (2025)	279
11.3	Scores for concerns linked to EV infrastructure (30 cities)	280
11.4	Examples of adaptive policy processes	284
12.1	Different rankings of cities based on sustainability and investment climate	296
12.2	Framework for roles and activities of intermediaries	304

13.1	Case study 1: elderly housing and ambient assisted living	324
13.2	Case study 2: reconstruction of a hospital setting	325
13.3	Case study 3: reconstruction of shopping mall	327
13.4	Medical Field Lab's networks around 2010	329
13.5	Smaller cluster: project volumes of Medical Field Lab's collaboration within and outside the cluster	330
13.6	Critical factors in performance of living labs in healthcare	332
14.1	Case studies of Lahti Living Lab	348
15.1	Challenges in preventive care in the Netherlands	366
15.2	Results of regression analysis of implementation of prevention projects	367
15.3	Health Impact Bonds and (potential) structural solutions in preventive healthcare	376
15.4	Challenges for Health Impact Bonds in practice and dealing with them	377
15A.1	Regression analysis of the implementation of prevention projects	382
16.1	Factors providing challenges to sustainability contributions by city governance	388
16.2	Roles in cities' governance of sustainability contributions	389