

Contents

List of Figures	7
List of Tables	11
Danksagung	13
1 Introduction	17
1.1 Motivation.....	22
1.2 Structure of the thesis.....	28
2 What do we know about the evolution of regional labor market disparities?	33
2.1 The evolution of regional labor market disparities: Convergence or divergence?	33
2.1.1 Cross-sectional approaches to convergence	35
2.1.2 Time series approaches to convergence	51
2.1.3 Convergence or divergence?	67
2.2 Adjustment to shocks	70
2.2.1 Measures for relative regional variables	71
2.2.2 Theoretical framework.....	73
2.2.3 Autoregressive processes and impulse response analysis.....	77
2.2.4 The empirical framework by Blanchard/Katz (1992).....	79
2.2.5 The role of wages in the adjustment process	86
2.2.6 Further enhancement of the classical approach.....	87
2.2.7 When will things return to normal after a regional labor demand shock?	89
3 New insights into the evolution of regional unemployment disparities in Germany	95
3.1 Trends in German regional unemployment.....	97
3.2 The evolution of regional unemployment disparities	104
3.3 The definition of stochastic convergence	114
3.4 Testing for cross-sectional dependence	117
3.4.1 Two tests for cross-sectional dependence.....	118
3.4.2 Results.....	120

3.5	Testing the hypothesis of stochastic convergence	123
3.5.1	Modeling cross-sectional dependence via approximate factors	123
3.5.2	Testing for a unit root.....	126
3.5.3	Results.....	128
3.6	Conclusion.....	132
4	Convergence analysis for heterogeneous employment groups	137
4.1	Data and definitions.....	141
4.2	The evolution of skill-specific employment in West Germany.....	143
4.3	Recent trends in regional employment disparities.....	146
4.4	Stochastic convergence and cross-sectional dependence	152
4.4.1	Structures and restrictions imposed by the definition of stochastic convergence	153
4.4.2	Testing stochastic convergence as a second generation panel unit root test	155
4.5	Convergence or divergence of regional employment rates?.....	158
4.6	Conclusion.....	162
5	Regional labor market dynamics after a labor demand shock.....	169
5.1	Empirical framework.....	172
5.1.1	Basic principles of the empirical framework.....	172
5.1.2	Specification of the PVAR.....	175
5.1.3	Impulse response analysis.....	180
5.1.4	Estimation strategy	182
5.2	Data and some stylized facts.....	189
5.2.1	Data source and definitions.....	189
5.2.2	Stylized facts	190
5.2.3	Labor mobility in Germany.....	197
5.2.4	Measurement of relative regional variables.....	205
5.3	Results.....	206
5.3.1	The classical approach revisited.....	207
5.3.2	The role of labor mobility for the adjustment process.....	211
5.3.3	The role of the wage feedback in the adjustment process	217
5.3.4	Region labor market dynamics in Germany.....	220
5.4	Conclusion.....	225

6	What are the new insights into the evolution of regional labor market disparities?	231
	Appendix.....	241
A.1	Appendix: Figures.....	241
A.2	Appendix: Regression results.....	257
	References.....	263
	Abstract	275
	Kurzfassung	277