

Contents

Contents	ix
List of Figures	xii
List of Tables	xviii
Introduction	1
I Smoking Behaviour in Germany – Evidence from the SOEP	7
1 Background	9
2 Data	13
3 Smoking Prevalence	17
3.1 Gender and Age	17
3.2 Education	21
3.3 Income, Job, Marital Status and Region	26
4 Smoking Intensity	33
4.1 Distribution of Daily Smoked Cigarettes	34
4.2 Socio-Economic Factors	38
4.2.1 Gender and Age	39
4.2.2 Education	41
4.2.3 Income, Job, Marital Status and Region	44
4.3 Heavy Smokers	51
5 Smoking Initiation and Cessation	57
5.1 Smoking Initiation	57
5.2 Starting Age	59
5.3 Smoking Cessation	60
5.3.1 Quitters among Current Smokers	61
5.3.2 Quitters among Ever Smokers	63
6 Health and Smoking	67

II Germany's Tobacco Control Measures and Their Impacts on Individual Smoking Behaviour	75
8 Key Facts of Germany's Tobacco Control Policy	77
9 Previous Literature	81
10 Estimation Strategy	89
10.1 Smoking Probability	89
10.1.1 Fixed Effects Logit	90
10.1.2 Random Effects Probit	95
10.1.3 Correlated Random Effects Probit	96
10.1.4 Linear Probability	97
10.1.5 Hypothesis Testing	98
10.2 Cigarette Consumption	100
10.2.1 Fixed Effects Poisson	101
10.2.2 Fixed Effects Negative Binomial	104
10.2.3 Correlated Random Effects Negative Binomial	107
10.2.4 Linear Model	107
10.2.5 Hypothesis Testing	108
10.3 Data and Variable Description	108
10.4 Goodness of Fit and Model Comparison	111
10.5 Other Issues	111
11 Smoking Probability – Empirical Results	113
11.1 Basic Specification	113
11.2 Specific Socio-Demographic Time Trend	121
11.3 Restricted Observation Period: 2002–2014	123
11.3.1 Heterogeneity in the Effect of the Smoking Ban	128
11.4 Sensitivity Analysis	132
12 Cigarette Consumption – Empirical Results	137
12.1 Basic Specification	137
12.2 Specific Socio-Demographic Time Trend	143
12.3 Restricted Observation Period: 2002–2014	146
12.3.1 Heterogeneity in the Effect of the Smoking Ban	148
12.4 Sensitivity Analysis	152

12.4.1 Socio-Demographic Sub-Samples	154
12.4.2 Smoking Intensity	156
13 Discussion	159
Conclusion	163
Bibliography	175
Appendices	177
A Smoking Behaviour in Germany – Evidence from the SOEP	179
A.1 Data Set	179
A.2 Smoking Prevalence	180
A.3 Smoking Intensity	198
A.4 Smoking Initiation and Cessation	213
A.5 Health and Smoking	216
B Germany's Tobacco Control Measures and Their Impacts on Individual Smoking Behaviour	219
B.1 Smoking Probabilities	220
B.2 Cigarette Consumption	236