Undeclared Work, Deterrence and Social Norms

The Case of Germany
## Contents

1 Introduction ............................................................................. 1

2 Defining and Measuring Undeclared Work ................................. 7
  2.1 Definition ............................................................................ 7
  2.2 Methods of "Measuring the Unmeasurable" ............................ 8
    2.2.1 Indirect Methods of Measurement ...................................... 9
    2.2.2 Direct Methods of Measurement ....................................... 10
  2.3 A Comparison of Methods of Measurement ............................ 11
  2.4 The Method of Choice in this Study ....................................... 12

3 The Size of the German Shadow Economy and Tax Morale
   According to Various Methods and Definitions .......................... 15

4 Deterrence in Germany: A Primer ............................................... 21
  4.1 Punishing Tax Cheating by Fines and Imprisonment ................. 21
  4.2 Deterring Tax Cheating by Auditing and Tax Inspections .......... 25
  4.3 A Uniform Framework to Deter Tax Cheating Since 2004 .......... 26

5 Design of the Survey ................................................................ 29
  5.1 Reasons for Choosing the Survey Method ............................... 29
  5.2 How to Measure Undeclared Work in the Survey .................... 30
  5.3 Adapting the Survey to Germany .......................................... 32
  5.4 Conducting the Structured Interviews .................................... 34

6 The Incidence of Undeclared Work in Germany 2001–2007 .......... 37
  6.1 The Proportion of the Population Engaged in Undeclared Work ... 37
  6.2 An Econometric Model to Explain Participation in Undeclared Work ........................................... 40
  6.3 Working Time Spent on Undeclared Activities ......................... 43
  6.4 Wages in Undeclared Work ................................................ 48
6.5 Undeclared Activities by Income Class ........................................... 53
6.6 Summarizing the Main Findings ..................................................... 53

7 The Extent of Undeclared Work in Germany 2001–2007 .................. 57
7.1 Undeclared Work as a Share of the Official Economy .................... 57
7.2 The Willingness to Carry Out Undeclared Work:
   The “Potential” ........................................................................... 62
7.3 Undeclared Work by Sector ......................................................... 64
7.4 Undeclared Work by Geographical Regions .................................. 67
7.5 Summarizing the Main Findings .................................................... 69

8 The Impact of Deterrence on Undeclared Work ............................... 73
8.1 Measuring Deterrence in the Survey ............................................. 74
8.2 Perceived Risk and Sanctions by Geographical Regions ............. 76
8.3 An Econometric Analysis of Deterrence and Undeclared Work .... 77
   8.3.1 Perceived Risk of Detection .............................................. 77
   8.3.2 Perceived Sanction If Detected ........................................ 80
8.4 Summarizing the Main Findings .................................................. 82

9 The Impact of Tax Policy on Undeclared Work ............................... 85
9.1 Measuring Marginal Tax Rates in the Survey .............................. 85
9.2 Marginal Tax by Geographical Regions ...................................... 87
9.3 An Econometric Analysis of Marginal Tax
   and Undeclared Work ............................................................... 88
9.4 Summarizing the Main Findings .................................................. 90

10 The Impact of Social Norms on Undeclared Work ...................... 93
10.1 Measuring Social Norms in the Survey ...................................... 93
10.2 Tax Morale by Geographical Regions ....................................... 95
10.3 An Econometric Analysis of Social Norms
   and Undeclared Work ............................................................... 95
10.4 Summarizing the Main Findings ................................................ 99

11 Conclusions .................................................................................... 103

Appendix .............................................................................................. 113

References ......................................................................................... 135

Index .................................................................................................... 141