Essays in applied dynamic microeconometrics
Kastoryano, S.P.

Link to publication

Citation for published version (APA):
Kastoryano, S. P. (2013). Essays in applied dynamic microeconometrics Amsterdam: Rozenberg

General rights
It is not permitted to download or to forward/distribute the text or part of it without the consent of the author(s) and/or copyright holder(s), other than for strictly personal, individual use, unless the work is under an open content license (like Creative Commons).

Disclaimer/Complaints regulations
If you believe that digital publication of certain material infringes any of your rights or (privacy) interests, please let the Library know, stating your reasons. In case of a legitimate complaint, the Library will make the material inaccessible and/or remove it from the website. Please Ask the Library: http://uba.uva.nl/en/contact, or a letter to: Library of the University of Amsterdam, Secretariat, Singel 425, 1012 WP Amsterdam, The Netherlands. You will be contacted as soon as possible.
Contents

1 Introduction 1
   1.1 A short example ............................... 1
   1.2 Outline of dynamic treatment evaluation .......... 2
   1.3 Effects of economic policies on crime .......... 4

2 Dynamic Evaluation of Job Search Assistance 7
   2.1 Introduction .................................. 7
   2.2 Institutional setting ........................... 10
      2.2.1 Unemployment insurance for the primary education sector 10
      2.2.2 The job search assistance program ............. 11
   2.3 Data ........................................ 13
   2.4 Model for dynamic treatment evaluation .......... 16
      2.4.1 Theoretical framework ........................ 16
      2.4.2 Justifying no-anticipation .................... 19
   2.5 Timing-of-events approach ....................... 20
      2.5.1 The model ................................ 20
      2.5.2 Parameter estimates .......................... 22
      2.5.3 Treatment effects ............................ 26
   2.6 Propensity score methods ....................... 29
      2.6.1 Treatment effects ............................ 32
   2.7 Regression discontinuity ....................... 34
      2.7.1 Treatment Effects using Regression-Discontinuity Methods 38
   2.8 Comparing the different methods ................ 41
   2.9 Conclusions .................................. 43

3 Randomization in Dynamic Settings: Estimating Ex-Ante and Ex-Post Treatment Effects 45
   3.1 Introduction .................................. 45