

ECO2601: Organização Industrial I

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Horário e Local: Sextas, 14–17 hs, Sala F200

Os artigos com \star são leitura obrigatória. Os artigos com \leftrightarrow são referências auxiliares, que podem ajudar na compreensão dos artigos com \star . Artigos com \dagger são referências adicionais.

1 O que é estimação estrutural em OI? *Surveys* e Exemplos

- Um exemplo
 - \star Timothy F. Bresnahan. Competition and collusion in the american automobile industry: the 1955 price war. *Journal of Industrial Economics*, 35(4):457–82, June 1987
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 - \dagger J.B. Baker and T.F. Bresnahan. Estimating the residual demand curve facing a single firm. *International Journal of Industrial Organization*, 6(3):283–300, 1988
- Surveys
 - \leftrightarrow Richard Schmalensee. Inter-industry studies of structure and performance. In Richard Schmalensee and Robert D. Willig, editors, *Handbook of Industrial Organization*, volume II of *Handbooks in Economics*, chapter 16, pages 951–1010. North-Holland, Amsterdam, 1989

- ↔ Timothy F. Bresnahan. Empirical studies of industries with market power. In Richard Schmalensee and Robert D. Willig, editors, *Handbook of Industrial Organization*, pages 1011–1058. North-Holland, Amsterdam, 1989
- ↔ Richard Schmalensee. “On a level with dentists?” reflections on the evolution of industrial organization. *Review of Industrial Organization*, 41(3):157–179, 2012
- ↔ P.C. Reiss and F.A. Wolak. Structural econometric modeling: Rationales and examples from industrial organization. In *Handbook of Econometrics*, volume 6, pages 4277–4415. Elsevier, 2007
- Simpósio “Con out of econometrics”:
- ↔ M.P. Keane. A Structural Perspective on the Experimentalist School. *The Journal of Economic Perspectives*, 24(2):47–58, 2010
- ↔ A. Nevo and M.D. Whinston. Taking the Dogma out of Econometrics: Structural Modeling and Credible Inference. *The Journal of Economic Perspectives*, 24(2):69–81, 2010
- ↔ L. Einav and J. Levin. Empirical Industrial Organization: A Progress Report. *The Journal of Economic Perspectives*, 24(2):145–162, 2010
- Outro exemplo
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 - ↔ Edward J. Green and Robert H. Porter. Noncooperative collusion under imperfect price information. *Econometrica*, 52(1):87–100, January 1984
 - † Glenn Ellison. Theories of cartel stability and the joint executive committee. *Rand Journal of Economics*, 25(1):37–57, Spring 1994

2 Escolha Discreta e Demanda por Bens Diferenciados

- ↔ K.E. Train. *Discrete Choice Methods with Simulation*. Cambridge Uni-

versity Press, 2003

- ★ Steven T. Berry. Estimating discrete-choice models of product differentiation. *Rand Journal of Economics*, 25(2):242–262, Summer 1994. (pdf)
- ★ Steven Berry, James Levinsohn, and Ariel Pakes. Automobile prices in market equilibrium. *Econometrica*, 63(4):841–890, July 1995. (pdf)
- † Steven Berry, James Levinsohn, and Ariel Pakes. Differentiated products demand systems from a combination of micro and macro data: The new car market. *Journal of Political Economy*, 112(1):68–105, February 2004
- † Aviv Nevo. Measuring market power in the ready-to-eat cereal industry. *Econometrica*, 69(2):307–42, March 2001
- † Aviv Nevo. Mergers with differentiated products: The case of the ready-to-eat cereal industry. *RAND Journal of Economics*, 31(3):395–421, Autumn 2000a
- † Aviv Nevo. A practitioner’s guide to estimation of random-coefficients logit models of demand. *Journal of Economics and Management Strategy*, 9(4):513–48, Winter 2000b
- † Jerry Hausman. Valuation of new goods under perfect and imperfect competition. In Timothy F. Bresnahan and Robert J. Gordon, editors, *The Economics of New Goods*, volume 58 of *NBER Studies in Income and Wealth*, chapter 5. University of Chicago Press, 1997a
- † Timothy F. Bresnahan. Valuation of new goods under perfect and imperfect competition: Comment. In Timothy F. Bresnahan and Robert J. Gordon, editors, *The Economics of New Goods*, volume 58 of *NBER Studies in Income and Wealth*, chapter 5. University of Chicago Press, 1997
- † Jerry Hausman. Reply to Prof. Bresnahan. (pdf), jul 1997b
- ★ S. Berry and P. Haile. Identification in differentiated products markets using market level data. 2012

- † S.T. Berry and P.A. Haile. Nonparametric identification of multinomial choice demand models with heterogeneous consumers. Technical report, National Bureau of Economic Research, 2009

3 Estimação com dados limitados: Modelos de entrada

- ★ Timothy F. Bresnahan and Peter C. Reiss. Entry in monopoly markets. *Review of Economic Studies*, 57(4):531–553, October 1990. (pdf)
- ★ Timothy F. Bresnahan and Peter C. Reiss. Entry and competition in concentrated markets. *Journal of Political Economy*, 99(5):977–1009, October 1991a. (pdf)
- ↔ Timothy F. Bresnahan and Peter C. Reiss. Empirical models of discrete games. *Journal of Econometrics*, 48(1-2):57–81, April-May 1991b
- ★ Steven T. Berry. Estimation of a model of entry in the airline industry. *Econometrica*, 60(4):889–917, July 1992. (pdf)
- ★ Katja Seim. An empirical model of firm entry with endogenous product-type choices. *RAND*, pages 619–640, 2006
- † Michael J. Mazzeo. Product choice and oligopoly market structure. *RAND Journal of Economics*, 33(2):221–242, Summer 2002
- † Elie Tamer. Incomplete simultaneous discrete response models with multiple equilibria. *Review of Economic Studies*, 70:147–165, 2003
- † Liran Einav. Not all rivals look alike: Estimating an equilibrium model of the release date timing game. (pdf), 2003
- † T.F. Bresnahan and P.C. Reiss. Measuring the importance of sunk costs. *Annales d’Economie et de Statistique*, pages 181–217, 1994
- † Andrew Sweeting. Coordination games, multiple equilibria and the timing of radio commercials. (pdf), November 2004
- † C. Timmins. Estimating spatial differences in the Brazilian cost of living with household location choices. *Journal of Development Economics*, 80(1):59–83, 2006

- † Raphael Thomadsen. The effect of ownership structure on prices in geographically differentiated industries. *RAND Journal of Economics*, pages 908–929, 2005
- † P. Davis. Spatial competition in retail markets: movie theaters. *RAND Journal of Economics*, pages 964–982, 2006
- † P. Schmidt-Dengler. The timing of new technology adoption: The case of MRI. In *2006 Meeting Papers*. Society for Economic Dynamics, 2006
- † R. Moita. Entry and externality: Hydroelectric generators in Brazil. *International Journal of Industrial Organization*, 26(6):1437–1447, 2008
- † Christiano Arrigoni Coelho, João Manoel Pinho de Mello, and Leonardo Bandeira Rezende. Do public banks compete with private banks? evidence from concentrated loan markets in brazil? *Journal of Money, Credit and Banking*, 45(8):1581–1615, 2013

4 Produtividade

- ★ Zvi Griliches and Jacques Mairesse. Production functions: The search for identification. In Steinar Strom, editor, *Econometrics and economic theory in the twentieth century: The Ragnar Frisch Centennial Symposium*, pages 169–203. Cambridge University Press, Cambridge; New York and Melbourne, 1998
- ★ G. Steven Olley and Ariel Pakes. The dynamics of productivity in the telecommunications equipment industry. *Econometrica*, 64(6):1263–1297, November 1996
- † James Levinsohn and Amil Petrin. Estimating production functions using inputs to control for unobservables. *Review of Economic Studies*, 70(2):317–41, April 2003
- † Chad Syverson. What determines productivity? *Journal of Economic Literature*, 49(2):326–365, 2011
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- † C. Syverson. Market structure and productivity: A concrete example. Technical report, NBER Working Paper, 2004
- † J. De Loecker. Product differentiation, multiproduct firms, and estimating the impact of trade liberalization on productivity. *Econometrica*, 79(5):1407–1451, 2011a
- † J. De Loecker and F. Warzynski. Markups and firm-level export status. *American Economic Review*, 102(6), October 2012
- † Sabien Dobbelaere, Kozo Kiyota, and Jacques Mairesse. Product and labor market imperfections and scale economies: Micro-evidence on france, japan and the netherlands. Technical report, National Bureau of Economic Research, 2013
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- † J.D. Brown, J.S. Earle, and A. Telegdy. The productivity effects of privatization: Longitudinal estimates from Hungary, Romania, Russia, and Ukraine. *Journal of Political Economy*, 114(1), 2006
- † P. Dubois and C. Nauges. Identifying the Effect of Unobserved Quality and Experts Reviews in the Pricing of Experience Goods: Empirical Application on Bordeaux Wine. Technical report, Working Paper, University of Toulouse, 2005
- † C.T. Hsieh and P.J. Klenow. Misallocation and manufacturing TFP in China and India. *NBER working paper*, 2007
- † M.I. Nakane and D.B. Weintraub. Bank privatization and productivity: Evidence for Brazil. *Journal of Banking & Finance*, 29(8-9):2259–2289, 2005
- † Nicholas Bloom, Raffaella Sadun, and John Van Reenen. Americans do IT better: Us multinationals and the productivity miracle. Technical report, National Bureau of Economic Research, 2007
- † Nicholas Bloom and John Van Reenen. Measuring and explaining management practices across firms and countries. *The Quarterly Journal of Economics*, 122(4):1351–1408, 2007

5 Estimação de Modelos Dinâmicos

- ★ John Rust. Optimal replacement of gmc bus engines: An empirical model of harold zurcher. *Econometrica*, 55(5):999–1033, September 1987. (pdf)
- Markov-Perfect Industry Dynamics
 - ↔ Richard Ericson and Ariel Pakes. Markov-perfect industry dynamics: A framework for empirical work. *Review of Economic Studies*, 62(1):53–82, January 1995
 - † Ariel Pakes and Paul McGuire. Computing markov-perfect nash equilibria: Numerical implications of a dynamic differentiated product model. *Rand Journal of Economics*, 25(4):555–589, Winter 1994. (pdf)
 - † Ulrich Doraszelski and Mark Satterthwaite. Foundations of markov-perfect industry dynamics: Existence, purification and multiplicity. Stanford (now Harvard) and Northwestern (pdf), November 2003
- ★ V. Joseph Hotz and Robert A. Miller. Conditional choice probabilities and the estimation of dynamic models. *Review of Economic Studies*, 60(3):497–529, July 1993
- ★ Patrick Bajari, C. Lanier Benkard, and Jonathan Levin. Estimating dynamic models of imperfect competition. (pdf), March 2004
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- † Igal Hendel and Aviv Nevo. Measuring the implications of sales and consumer stockpiling behavior. *Econometrica*, 74(6):1637–1673, 2006
- † V. Aguirregabiria and P. Mira. Swapping the nested fixed point algorithm: a class of estimators for discrete Markov decision models. *Econometrica*, pages 1519–1543, 2002
- † V. Aguirregabiria, P. Mira, and H. Roman. An Estimable Dynamic Model of Entry, Exit, and Growth in Oligopoly Retail Markets. *American Economic Review*, 97(2):449–454, 2007

- † V. Aguirregabiria and C.Y. Ho. A dynamic oligopoly game of the US airline industry: Estimation and policy experiments. 2009
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- † Sung-Jin Cho. An empirical model of mainframe computer investment. *Journal of Applied Econometrics*, 2006
- † Victor Aguirregabiria. The dynamics of markups and inventories in retailing firms. *Review of Economic Studies*, 66(2):275–308, April 1999
- † Michael P. Keane and Kenneth I. Wolpin. The career decisions of young men. *Journal of Political Economy*, 105(3):473–522, 1997
- † Mark Israel. Tenure dependence in consumer-firm relationships: An empirical analysis of consumer departures from automobile insurance firms. *RAND Journal of Economics*, pages 165–192, 2005
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- † Wesley R. Hartmann. Intertemporal effects of consumption and their implications for demand elasticity estimates. *Quantitative Marketing and Economics*, 4(4):325–349, 2006
- † Igal Hendel and Aviv Nevo. Measuring the implications of sales and consumer stockpiling behavior. *Econometrica*, 74(6):1637–1673, 2006

- † Christopher R. Taber. Semiparametric identification and heterogeneity in discrete choice dynamic programming models. *Journal of Econometrics*, 96:201–229, 2000

6 Análise Empírica de Leilões

- ↔ R. Preston McAfee and John McMillan. Auctions and bidding. *Journal of Economic Literature*, 25:699–738, June 1987
- ↔ Vijay Krishna. *Auction Theory*. Academic Press, 2002
- ↔ Paul Milgrom. *Putting Auction Theory to Work*. Cambridge University Press, 2004
- ★ Richard Engelbrecht-Wiggans, Paul R. Milgrom, and Robert J. Weber. Competitive bidding and proprietary information. *Journal of Mathematical Economics*, 11(2):161–69, April 1983
- ★ Kenneth Hendricks and Robert Porter. An empirical study of an auction with asymmetric information. *American Economic Review*, 78: 865–883, 1988
- ★ Kenneth Hendricks, Robert H. Porter, and Charles A. Wilson. Auctions for oil and gas leases with an informed bidder and a random reservation price. *Econometrica*, 62(6):1415–1444, November 1994
- ★ Stephen G. Donald and Harry J. Paarsch. Piecewise pseudo-maximum likelihood estimation in empirical models of auctions. *International Economic Review*, 34(1):121–148, February 1993
- ★ Jean-Jacques Laffont, Hervé Ossard, and Quang Vuong. Econometrics of first-price auctions. *Econometrica*, 63(4):953–980, July 1995
- ★ Emmanuel Guerre, Isabelle Perrigne, and Quang Vuong. Optimal non-parametric estimation of first-price auctions. *Econometrica*, 68(3):525–574, May 2000
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- ↔ Jean-Jacques Laffont and Quang Vuong. Structural analysis of auction data. *American Economic Review*, 86(2):414–420, May 1996
- ↔ Kenneth Hendricks and Harry J. Paarsch. A survey of recent empirical work concerning auctions. *Canadian Journal of Economics*, 28(2):403–426, May 1995
- † John A. List and David Lucking-Reiley. Demand reduction in multiunit auctions: Evidence from a sportscard field experiment. *American Economic Review*, 90(4):961–72, September 2000
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- † Kenneth Hendricks, J. Pinske, and Robert H. Porter. Empirical implications of equilibrium bidding in first-price, symmetric, common-value auctions. *Review of Economic Studies*, 70:115–146, 2003
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- † U. Song. Nonparametric estimation of an ebay auction model with an unknown number of bidders. *University of British Columbia*, 2004

- † Philip A. Haile, Han Hong, and Matthew Shum. Nonparametric tests for common values in first-price sealed-bid auctions. Yale, Duke and John Hopkins, November 2003
- † Elena Krasnokutskaya. Identification and estimation of auction models under unobserved auction heterogeneity. Pennsylvania, 2003
- † E. Krasnokutskaya and K. Seim. Bid preference programs and participation in highway procurement auctions. Technical report, University of Pennsylvania Working Paper, 2005

7 Propaganda

- * Daniel Akerberg. Empirically distinguishing informative and prestige effects of advertising. *RAND Journal of Economics*, 32(2):316–33, Summer 2001
- ↔ M.P. Keane. A Structural Perspective on the Experimentalist School. *The Journal of Economic Perspectives*, 24(2):47–58, 2010
- * T. Erdem and M.P. Keane. Decision-making under uncertainty: Capturing dynamic brand choice processes in turbulent consumer goods markets. *Marketing Science*, pages 1–20, 1996
- † Daniel Akerberg. Advertising, learning, and consumer choice in experience good markets: An empirical examination. *International Economic Review*, pages 1007–1040, 2003
- † M.J. Roberts and L. Samuelson. An empirical analysis of dynamic, nonprice competition in an oligopolistic industry. *The RAND Journal of Economics*, pages 200–220, 1988
- † P.M. Ippolito and A.D. Mathios. Information, advertising and health choices: a study of the cereal market. *The RAND Journal of Economics*, pages 459–480, 1990
- † M.S. Goeree. Limited information and advertising in the US personal computer industry. *Econometrica*, 76(5):1017–1074, 2008

8 Dispersão de Preços e Informação do consumidor sobre o mercado

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- ★ Ali Hortaçsu and Chad Syverson. Product Differentiation, Search Costs, and the Welfare Effects of Entry: A Case Study of S&P 500 Index Funds. *Quarterly Journal of Economics*, 119:403–456, 2004
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9 Seguros

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- ★ Pierre-Andre Chiappori and Bernard Salanie. Testing for asymmetric information in insurance markets. *Journal of Political Economy*, 108 (1):56–78, February 2000. (pdf)
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10 Planos de Saúde

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11 Crédito ao consumidor

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12 Regulação

- ★ Jean-Jacques Laffont and Jean Tirole. *A Theory of Incentives in Procurement and Regulation*. MIT Press, Cambridge, MA, 1993
- ★ Frank Wolak. An econometric analysis of the asymmetric information, regulator-utility interaction. *Annales D'Économie et de Statistique*, 34: 13–69, 1994