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Transaction Cost Economics

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[Handbook of New Institutional Economics](#)

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Transaction cost economics is an effort to better understand complex economic organization by selectively joining law, economics, and organization theory. As against neoclassical economics, which is predominantly concerned with price and output, relies extensively on marginal analysis, and describes the firm as a production function (which is a technological construction), transaction cost economics (TCE) is concerned with the allocation of economic activity across alternative modes of organization (markets, firms, bureaus, etc.), employs discrete structural analysis, and describes the firm as a governance structure (which is an organizational construction). Real differences notwithstanding, orthodoxy and TCE are in many ways complements—one being more well-suited to aggregation in the context of simple market exchange, the other being more well-suited to the microanalytics of complex contracting and nonmarket organization.

I begin by contrasting the lens of contract (out of which TCE works) with the lens of choice (orthodoxy). Vertical integration, which is the paradigm problem for TCE, is then examined. The operationalization of TCE is discussed in Section 3. Variations on a theme are sketched in Section 4. Public policy is discussed in Section 5. Concluding remarks follow.

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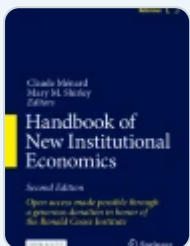
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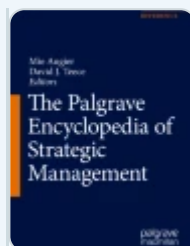
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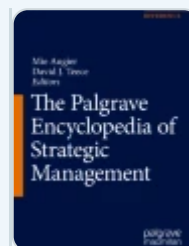
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References

Anderson, Erin and David C. Schmittlein. 1984. "Integration of the Sales Force: An Empirical Examination". *Rand Journal of Economics* 15(3): 385-395.

Bajari, Patrick and Steven Tadelis. 2001. "Incentives Versus Transaction Costs: A Theory of Procurement Contracts". *Rand Journal of Economics* 32: 387-407.

Barnard, Chester I. 1938. *The Functions of the Executive*. Cambridge, MA: Harvard University Press.

Baron, James N. and David M. Kreps. 1999. *Strategic Human Resources: Frameworks for General Managers*. New York: John Wiley.

Becker, Gary. 1962. "Investment in Human Capital: Effects on Earnings". *Journal of Political Economy* 70: 9-49.

Boerner, Christopher and Jeffrey Macher. 2002. "Transaction Cost Economics: A Review and Assessment of the Empirical Literature". Unpublished manuscript.

Brennan, G. and James Buchanan. 1985. *The Reason of Rules*. Cambridge: Cambridge University Press.

Buchanan, James M. 1975. "A Contractarian Paradigm for Applying Economic

Theory". *American Economic Review* 65:225-230.

———. 1987. "The Constitution of Economic Policy". *American Economic Review* 77: 243-250.

———. 2001. "Game Theory, Mathematics, and Economics," *Journal of Economic Methodology* 8: 27-32.

Buchanan, James M. and G. Tullock. 1962. *The Calculus of Consent: Logical Foundations of Constitutional Democracy*. Ann Arbor, MI: University of Michigan Press.

Coase, Ronald H. 1937. "The Nature of the Firm". *Economica* 4: 386-405.

———. 1960. "The Problem of Social Cost". *Journal of Law and Economics* 3: 1-44.

———. 1972. "Industrial Organization: A Proposal for Research" in V. R. Fuchs (ed), *Policy Issues and Research Opportunities in Industrial Organization*. New York: National Bureau of Economic Research, pp. 59-73.

———. 1984. "The New Institutional Economics". *Journal of Institutional and Theoretical Economics* 140: 229-231.

———. 1992. "The Institutional Structure of Production". *American Economic Review* 82: 713-719.

Crocker, Keith J. and Scott E. Masten. 1991. "Pretia ex Machina? Prices and Process in LongTerm Contracts". *Journal of Law and Economics* XXXIV(1): 69-99.

———. 1996. "Regulation and Administered Contracts Revisited: Lessons from

Transaction-Cost Economics for Public Utility Regulation". *Journal of Regulatory Economics* 8: 5-39.

Demsetz, Harold. 1968. "Why Regulate Utilities?" *Journal of Law and Economics* 11: 55-66.

Dixit, Avinash K. 1996. *The Making of Economic Policy: A Transaction-Cost Politics Perspective*. Boston, MA: MIT Press.

Easterbrook, Frank and D. Fischel. 1986. "Close Corporations and Agency Costs". *Stanford Law Review* 38: 271-301.

Fama, Eugene F. and Michael C. Jensen. 1983. "Separation of Ownership and Control". *Journal of Law and Economics* 26: 301-326.

Friedman, Milton. 1962. *Capitalism and Freedom*, Chicago, IL: University of Chicago Press.

Gely, Rafael and Pablo T. Spiller. 1990. A Rational Choice Theory of Supreme Court Statutory Decisions with Applications to the *State Farm* and *Grove City* Cases". *Journal of Law, Economics, and Organization* 6(2): 263-300.

Georgescu-Roegen, Nicholas. 1971. *The Entropy Law and Economic Process*. Cambridge, MA: Harvard University.

Goldberg, Victor P. 1976. "Regulation and Administered Contracts". *Bell Journal of Economics* 7(2): 426-448.

Goldberg, Victor P. and John R. Erickson. 1987. "Quantity and Price Adjustment in Long-Term Contracts: A Case Study of Petroleum Coke". *Journal of Law and*

Hart, Oliver. 1995. *Firms, Contracts and Financial Structure*. New York: Oxford University Press.

Hayek, Friedrich. 1945. "The Use of Knowledge in Society". *American Economic Review* 35: 519-530.

Holmstrom, Bengt and Jean Tirole. 1989. "The Theory of the Firm" in R. Schmalensee and R. Willig (eds.), *Handbook of Industrial Organization*. New York: Oxford University Press.

John, George and Barton A. Weitz. 1988. "Forward Integration into Distribution: An Empirical Test of Transaction Cost Analysis". *Journal of Law, Economics, and Organization* 4(2): 337-355.

Joskow, Paul L. 1985. "Vertical Integration and Long-Term Contracts: The Case of CoalBurning Electric Generating Plants". *Journal of Law, Economics, and Organization* 1(1): 33-80.

———. 1987. "Contract Duration and Relationship-Specific Investments: Empirical Evidence from Coal Markets". *American Economic Review* 77(1): 168-185.

———. 2000. "Transaction Cost Economics and Competition Policy". Unpublished manuscript.

Kenney, Roy W. and Benjamin Klein. 1983. "The Economics of Block Booking," *Journal of Law and Economics* XXVI(3): 497-540.

Klein, Benjamin. 1988. "Vertical Integration as Organizational Ownership: The Fisher Body-General Motors Relationship Revisited". *Journal of Law, Economics, and Organization* 4 (1): 199-213.

Leffler, Keith B. and Randal R. Rucker. 1991. "Transactions Costs and the Efficient Organization of Production: A Study of Timber-Harvesting Contracts". *Journal of Political Economy* 99 (5): 1060-1087.

Levy, Brian and Pablo T. Spiller. 1994. "The Institutional Foundations of Regulatory Commitment: A Comparative Analysis of Telecommunications Regulation". *Journal of Law Economics, and Organization* 10(2): 201-246.

Lyons, B. R. 1996. "Empirical Relevance of Efficient Contract Theory: Inter-Firm Contracts". *Oxford Review of Economic Policy* 12(4): 27-52.

Makowski, L. and J. Ostroy. 2001. "Perfect Competition and the Creativity of the Market". *Journal of Economic Literature* 32: 479-535.

Masten, Scott E. 1984. "The Organization of Production: Evidence from the Aerospace Industry". *Journal of Law and Economics* XXVII(2): 403-417.

Masten, Scott E. and Keith J. Crocker. 1985. "Efficient Adaptation in Long-Term Contracts: Take-or-Pay Provisions for Natural Gas". *American Economic Review* 75(5): 1083-1093.

———. 2000. "Econometrics of Contracts: An Assessment of Developments in the Empirical Literature on Contracting". *Revue D'Economie Industrielle* 92: 215-236.

———. 1993. "United States versus United Shoe Machinery Corporation: On the Merits". *Journal of Law and Economics* XXXVI(1) (Part 1): 33-70.

- James W. Meehan, Jr., and Edward A. Snyder. 1991. "The Costs of Organization". *Journal of Law, Economics, and Organization* 7Z(1): 1-25.
- Merton, Robert. 1936. "The Unanticipated Consequences of Purposive Social Action". *American Sociological Review* 1: 894-904.
- Michels, R. 1962. *Political Parties*. Glencoe, IL: Free Press.
- Monteverde, Kirk and David J. Teece. 1982. "Supplier Switching Costs and Vertical Integration in the Automobile Industry". *Bell Journal of Economics* 13(1): 206-213.
- Mulherin, J. Harold (1986): "Complexity in Long-Term Contracts: An Analysis of Natural Gas Contractual Provisions". *Journal of Law, Economics, and Organization* 2(1): 105-117.
- Nelson, R. R. and S. G. Winter. 1982. *An Evolutionary Theory of Economic Change*. Cambridge: Belknap Press.
- Newell, A. and Herbert Simon. 1972. *Human Problem Solving*. Englewood Cliffs, NJ: PrenticeHall.
- North, Douglas. 2000. "A Revolution in Economics" in Claude Menard (ed.), *Institutions, Contracts, and Organizations*. Northampton, MA: Edward Elgar, pp. 37-42.
- Palay, Thomas M. 1984. "Comparative Institutional Economics: The Governance of Rail Freight Contracting". *Journal of Legal Studies* XIII(2): 265-287.

Peltzman, Sam. 1991. "The Handbook of Industrial Organization: A Review Article". *Journal of Political Economy* 99: 201-217.

Peltzman, Sam and Michael Whinston. 2000. *Deregulation of Network Industries*. Washington, DC: Brookings Institution Press.

Posner, Richard A. 1972. "The Appropriate Scope of Regulation in the Cable Television Industry". *Bell Journal of Economics* 3: 98-129.

———. 1986. *Economic Analysis of Law*, 3rd edn. Boston: Little Brown.

Priest, George L. 1993. "The Origins of Utility Regulation and the 'Theories of Regulation' Debate". *Journal of Law and Economics* XXXVI(1) (Part 2): 289-323.

Reder, M. W. 1999. *Economics: The Culture of a Controversial Science*. Chicago IL: University of Chicago Press.

Rindfleish, A. and Jan Heide. 1997. "Transaction Cost Analysis: Past, Present and Future Applications". *Journal of Marketing* 61: 30-54.

Robbins, Lionel. 1932. *An Essay on the Nature and Significance of Economic Science*. New York: New York University Press.

Rothband, Murray. 1987. "Catalactics" in J. Eatwell, M. Milgate, and P. Newman (eds.), *The New Palgrave: A Dictionary of Economics*, Vol. 1. New York: The Stockton Press, pp. 377-378.

Salani é , Bernard. 1997. *The Economics of Contracts: A Primer*. Cambridge, MA: The MIT Press.

Scott, R. W. 1992. *Organizations*. Englewood Cliffs, NJ: Prentice-Hall.

Selznick, Philip. 1949. *TVA and the Grass Roots*. Berkeley, CA: University of California Press.

———. 1950. "The Iron Law of Bureaucracy". *Modern Review* 3: 157-165.

Shelanski, Howard A. and Peter G. Klein. 1995. "Empirical Research in Transaction Cost Economics: A Review and Assessment". *Journal of Law, Economics, and Organization* 11: 335-361.

Shultz, George. 1995. "Economics in Action". *American Economic Review* 85: 1-8.

Simon, Herbert A. 1947. *Administrative Behavior*. New York: The Free Press.

———. 1957a. *Administrative Behavior*. New York: Macmillan.

———. 1957b. *Models of Man: Social and Rational; Mathematical Essays on Rational Human Behavior in a Social Setting*. New York: Wiley.

———. 1983. *Reason in Human Affairs*. Stanford, CA: Stanford University Press.

———. 1991. "Organizations and Markets". *Journal of Economic Perspectives* 5: 25-44.

Solow, Robert. 2001. "A Native Informant Speaks". *Journal of Economic Methodology* 8: 111-112.

Thompson, J. S. 1967. *Organizations in Action: Social Science Bases of*

Varian, Hal. 2002. "If There Was a New Economy, Why Wasn't There a New Economics?" *New York Times*, January 17, C2.

Weingast, Barry and William J. Marshall. 1988. "The Industrial Organization of Congress: or, Why Legislatures, Like Firms, Are Not Organized as Markets". *Journal of Political Economy* 96(1): 132-163.

Werin, Lars. 2000. "Ronald Coase and the New Microeconomics" in Claude Menard (ed.), *Institutions, Contracts, and Organizations*. Northampton, MA: Edward Elgar, pp. 42-47.

Williamson, Oliver E. 1975. *Markets and Hierarchies: Analysis and Antitrust Implications*. New York: The Free Press.

———. 1976. "Franchise Bidding for Natural Monopolies—In General and with Respect to CATV". *Bell Journal of Economics* 7(1): 73-104.

———. 1979. "Assessing Vertical Market Restrictions: Antitrust Ramifications of the Transaction Cost Approach". *University of Pennsylvania Law Review* 127: 953-993.

———. 1985. *The Economic Institutions of Capitalism*. New York: The Free Press.

———. 1988. "Corporate Finance and Corporate Governance". *Journal of Finance* 43: 567- 591.

———. 1989. "Transaction Cost Economics" in Richard Schmalensee and Robert Willig, (eds.), *Handbook of Industrial Organization*, Vol. 1. New York: North

Holland, pp. 136-184.

———. 1994. "Evaluating Coase". *Journal of Economic Perspectives* 8: 201-204.

———. 1996. *The Mechanisms of Governance*. New York: Oxford University Press.

———. 1998. "Transaction Cost Economics: How It Works; Where It Is Headed". *De Economist* 146: 23-58.

———. 1999. "Public and Private Bureaucracies". *Journal of Law, Economics, and Organization* 15: 306-342.

———. 2002a. "The Theory of the Firm as a Governance Structure: From Choice to Contract". *Journal of Economic Perspectives* 16: 171-195.

———. 2002b. "The Lens of Contract: Private Ordering". *American Economic Review* 92: 438-443.

Williamson, Oliver E. and Janet Bercovitz. 1996. "The Modern Corporation as an Efficiency Instrument" in Carl Kaysen (ed.), *The American Corporation Today*. New York: Oxford University Press, pp. 327-359.

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