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# The Make-or-Buy Decision: Lessons from Empirical Studies

Chapter

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Peter G. Klein

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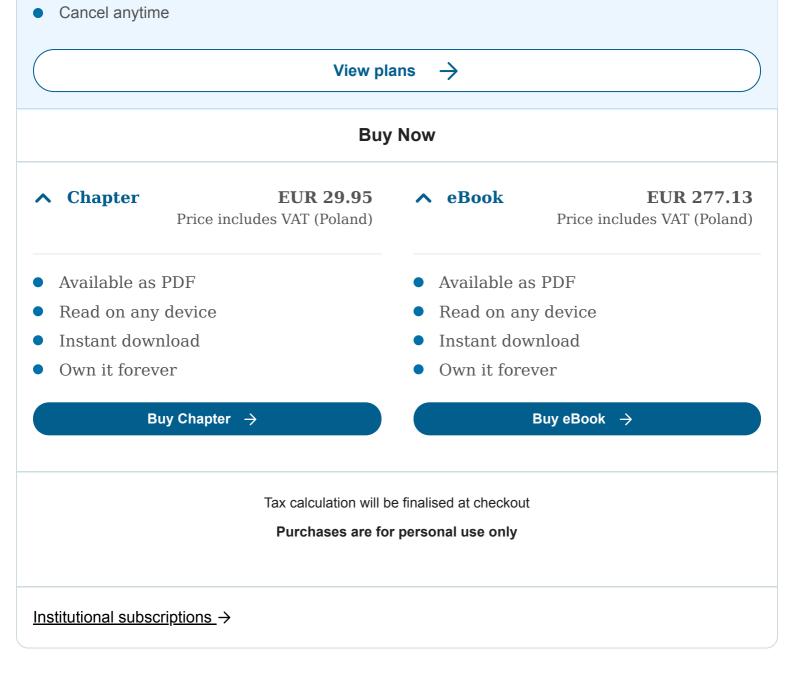
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#### References

Akerlof, George A. 1970. "The Market for 'Lemons': Qualitative Uncertainty and the Market Mechanism". *Quarterly Journal of Economics* 84: 488–500.

**Google Scholar** 

Alchian, Armen A. and Harold Demsetz. 1972. "Production, Information Costs, and Economic Organization". *American Economic Review* 62: 777–795.

Anderson, Erin. 1985. "The Salesperson as Outside Agent or Employee: A Transaction Cost Analysis". *Marketing Science* 4: 234–254.

**Google Scholar** 

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

**Google Scholar** 

Anderson, Erin and A.T. Coughlan. 1987. "International Market Entry and Expansion via Independent or Integrated Channels of Distribution". *Journal of Marketing* 51: 71–82.

**Google Scholar** 

Armour, Henry O. and David J. Teece. 1980. "Vertical Integration and Technological Innovation". *Review of Economics and Statistics* 62: 470–474.

**Google Scholar** 

Arruñada, Benito, Manuel Gonzalez-Diaz, and Begona Lopez. 1996. "The Role of Competition in Controlling Team Production: The Case of Fishing Industry". Working Paper, University Pompeu Fabra.

**Google Scholar** 

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

Google Scholar

Baye, Michael and Richard Beil. 1994. Managerial Economics and Business

Strategy. Burr Ridge, IL.: Irwin.

**Google Scholar** 

Bercovitz, Janet E. L. 1999. "Having It Their Way? The Franchising Decision and the Structure of Franchise Contracts". Ph.D. dissertation, Haas School of Business, University of California, Berkeley, CA.

**Google Scholar** 

Bender, Christian. 2002. "The Theory of the Firm Revisited: Changing Firm Boundaries in a New Information and Communication Environment". Working Paper, Department of International Business, University of Muenster.

**Google Scholar** 

Bigelow, Lyda. 2001. "Efficient Alignment and Survival in the U.S. Automobile Industry". Working Paper, Olin School of Business, Washington University, St. Louis.

**Google Scholar** 

Bindseil, Ulrich. 1997. "Vertical Integration in the Long Run: The Provision of Physical Assets to the London and New York Stock Exchanges". *Journal of Institutional and Theoretical Economics* 153: 641–656.

Google Scholar

Bindseil, Ulrich and Christian Pfeil. 1999. "Specialization as a Specific Investment into the Market: A Transaction Cost Approach to the Rise of Markets and Towns in Medieval Germany, 800–1200". *Journal of Institutional and Theoretical Economics* 155: 738–754.

Boger, Silke, Jill E. Hobbs, and William A. Kerr. 2001. "Supply Chain Relationships in the Polish Pork Sector". *Supply Chain Management* 6: 74–82.

Article Google Scholar

Boot, Arnoud W. A., Todd T. Milbourn, and Anjan V. Thakor. 1999. "Megamergers and Expanded Scope: Theories of Bank Size and Activity Diversity". *Journal of Banking and Finance* 23: 195–214.

Article Google Scholar

Brickley, James A. 1999. "Incentives, Conflicts and Contractual Restraints: Evidence from Franchising". *Journal of Law and Economics* 42: 745–774.

**Article Google Scholar** 

Brickley, James A., Clifford W. Smith Jr., and Jerrold L. Zimmerman. 2004. Managerial Economics and Organizational Architecture, 3rd edn. New York: McGraw Hill-Irwin.

Google Scholar

Brown, James R., C. S. Dev, and D. J. Lee. 2000. "Managing Marketing Channel Opportunism: The Efficacy of Alternative Governance Mechanisms". *Journal of Marketing* 64: 51-65.

**Article Google Scholar** 

Casadesus-Masanell, Ramon and Daniel F. Spulber. 2000. "The Fable of Fisher Body". *Journal of Law and Economics* 43: 67–104.

**Google Scholar** 

Caves, Richard E. and Ralph E. Bradburd. 1988. "The Empirical Determinants of Vertical Integration". *Journal of Economic Behavior and Organization* 9: 265–279.

Coase, Ronald H. 1937. "The Nature of the Firm" in idem. *The Firm, the Market and the Law*. Chicago, IL: University of Chicago Press.

**Google Scholar** 

Coase, Ronald H. 2000. "The Acquisition of Fisher Body by General Motors". *Journal of Law and Economics* 43: 15–31.

**Article Google Scholar** 

Cooter, Robert, Stephen Marks, and Robert Mnookin. 1982. "Bargaining in the Shadow of the Law: A Testable Model of Strategic Behavior". *Journal of Legal Studies* 11: 225–251.

**Article Google Scholar** 

Crocker, Keith J. and Scott E. Masten. 1988. "Mitigating Contractual Hazards: Unilateral Options and Contract Length". *Rand Journal of Economics* 19: 327–343.

**Google Scholar** 

Crocker, Keith J. and Scott E. Masten. 1991. "Pretia Ex Machina? Prices and Process in Long-Term Contracts". *Journal of Law and Economics* 24: 69–99.

**Article Google Scholar** 

Crocker, Keith J. and Kenneth J. Reynolds. 1993. "The Efficiency of Incomplete Contracts: An Empirical Analysis of Air Force Engine Procurement". *Rand Journal of Economics* 24: 126–146.

Dahl, Carol A. and Thomas K. Matson. 1998. "Evolution of the U.S. Natural Gas Industry in Response to Changes in Transaction Costs". *Land Economics* 74: 390-408.

**Google Scholar** 

David, Robert J. and Shin-Kap Han. 2004. "A Systematic Assessment of the Empirical Support for Transaction Cost Economics". *Strategic Management Journal* 25: 39–58.

**Article Google Scholar** 

DeCanio, Stephen J. and H. E. Frech. 1993. "Vertical Contracts: A Natural Experiment in Natural Gas Pipeline Regulation". *Journal of Institutional and Theoretical Economics* 149: 370–392.

**Google Scholar** 

Delios, Andrew and Witold J. Henisz. 2000. "Japanese Firms' Investment Strategies in Emerging Economies". *Academy of Management Journal* 43: 305–323.

**Google Scholar** 

Dnes, Anthony. 1996. "The Economic Analysis of Franchise Contracts". *Journal of Institutional and Theoretical Economics* 152: 297–324.

Google Scholar

Ellickson, Robert C. 1991. *Order Without Law: How Neighbors Settle Disputes*. Cambridge, MA: Harvard University Press.

Google Scholar

Fein, A. J. and Erin Anderson. 1997. "Patterns of Credible Commitments: Territory

and Brand Selectivity in Industrial Distribution Channels". *Journal of Marketing* 61: 19–34.

**Google Scholar** 

Fishback, Price V. 1986. "Did Coal Miners 'Owe Their Souls to the Company Store'? Theory and Evidence from the early 1900s". *Journal of Economic History* 46: 1011–1029.

**Google Scholar** 

Fishback, Price V. 1992. "The Economics of Company Housing: Historical Perspectives from the Coal Fields". *Journal of Law, Economics, and Organization* 8: 346–365.

**Google Scholar** 

Freeland, Robert F. 2000. "Creating Holdup Through Vertical Integration: Fisher Body Revisited". *Journal of Law and Economics* 43: 33–66.

Article Google Scholar

Friedman, Milton. 1953. "The Methodology of Positive Economics" in idem. *Essays in Positive Economics* Chicago, IL: University of Chicago Press, pp. 3-43.

**Google Scholar** 

Gallick, Edward C. 1984. Exclusive Dealing and Vertical Integration: The Efficiency of Contracts in the Tuna Industry. Federal Trade Commission Bureau of Economics Staff Report. Washington, DC: Federal Trade Commission.

**Google Scholar** 

Gatignon, Hubert and Erin Anderson. 1988. "The Multinational Corporation's Degree of Control over Foreign Subsidiaries: An Empirical Test of a Transaction

Cost Explanation". Journal of Law, Economics and Organization 4: 305-336.

**Google Scholar** 

Ghoshal, Sumantra, and Peter Moran. 1996. "Bad for Practice: A Critique of the Transaction Cost Theory". *Academy of Management Review* 21: 13–47.

**Google Scholar** 

Gibbons, Robert. 2000. "Firms and Other Relationships". Working Paper, MIT Department of Economics.

**Google Scholar** 

Gifford, Adam, Jr. 1993. "The Economic Organization of 17th-through mid 19th-Century Whaling and Shipping. *Journal of Economic Behavior and Organization* 20: 137–150.

Article Google Scholar

Globerman, Steven and Richard Schwindt. 1986. "The Organization of Vertically Related Transactions in the Canadian Forest Products Industries". *Journal of Economic Behavior and Organization* 7: 199–212.

Article Google Scholar

Goldberg, Victor. 1980. "Relational Exchange: Economics and Complex Contracts". *American Behavioral Scientist* 23: 337–352.

Google Scholar

Goldberg, Victor and John R. Erickson. 1987. "Quantity and Price Adjustment in Long-Term Contracts: A Case Study of Petroleum Coke". *Journal of Law and Economics* 30: 369–398.

**Article Google Scholar** 

González,-Diaz, Manuel, Benito Arruñada, and Alberto Fernández. 2000. "Causes of Subcontracting: Evidence from Panel Data on Construction Firms". *Journal of Economic Behavior and Organization* 42: 167–187.

**Article Google Scholar** 

Grossman, Sanford J. and Oliver D. Hart. 1986. "The Costs and Benefits of Ownership: A Theory of Vertical and Lateral Integration". *Journal of Political Economy* 94: 691–719.

Article Google Scholar

Hallwood, Paul C. 1991. "On Choosing Organizational Arrangements: The Example of Offshore Oil Gathering". *Scottish Journal of Political Economy* 38: 227–241.

**Google Scholar** 

Hamilton, Gillian. 1999. "Property Rights and Transaction Costs in Marriage: Evidence from Prenuptial Contracts". *Journal of Economic History* 59: 68–103.

Google Scholar

Harrigan, Kathryn Rudie. 1986. "Matching Vertical Integration Strategies to Competitive Conditions". *Strategic Management Journal* 7: 535–555.

**Google Scholar** 

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

**Google Scholar** 

Hart, Oliver D. and John Moore. 1990. "Property Rights and the Nature of the

Firm". Journal of Political Economy 98: 1119-1158.

Article Google Scholar

Heide, J. B. and G. John. 1988. "The Role of Dependence Balancing in Safeguarding Transaction-Specific Assets". *Journal of Marketing* 52: 20–35.

**Google Scholar** 

Heide, J. B., S. Dutta, and M. Bergen. 1998. "Exclusive Dealing and Business Efficiency: Evidence from Industry Practice". *Journal of Law and Economics* 41: 387–407.

**Article Google Scholar** 

Helper, Susan, John Paul MacDuffie, and Charles F. Sabel. 2000. "Pragmatic Collaborations: Advancing Knowledge While Controlling Opportunism". *Industrial and Corporate Change* 9: 443–483.

Article Google Scholar

Henisz, Witold J. 2000. "The Institutional Environment for Multinational Investment". *Journal of Law, Economics, and Organization* 16: 334–364.

**Google Scholar** 

Henisz, Witold J. and Bennett A. Zelner. 2001. "The Institutional Environment for Telecommunications Investment". *Journal of Economics and Management Strategy* 10.

Google Scholar

Hennart, Jean-Francois. 1988. "Upstream Vertical Integration in the Aluminum and Tin Industries". *Journal of Economic Behavior and Organization* 9: 281–299.

Article Google Scholar

Hennart, Jean-Francois. 1989. "The Transaction Cost Rationale for Countertrade". *Journal of Law, Economics and Organization* 5: 127–153.

**Google Scholar** 

Holmström, Bengt and Paul Milgrom. 1994. "The Firm as an Incentive System". *American Economic Review* 84: 972–991.

Google Scholar

Hu, M., and H. Chen. 1993. "Foreign Ownership in Chinese Joint Ventures". *Journal of Business Research* 26: 500–513.

**Article Google Scholar** 

Hubbard, R. Glenn, and Robert J. Weiner. 1991. "Efficient Contracting and Market Power: Evidence from the U.S. Natural Gas Industry". *Journal of Law and Economics* 34: 25–67.

**Article Google Scholar** 

Hubbard, Thomas N. 1999. "How Wide is the Scope of Hold-Up Based Theories of Governance? Shipper-Carrier Relations in Trucking". Working Paper, Department of Economics, UCLA.

**Google Scholar** 

Jensen, Michael C. and William H. Meckling. 1992. "General and Specific Knowledge, and Organizational Structure" in Lars Werin and Hans Wijkander (eds.), *Contract Economics*. Oxford: Blackwell.

**Google Scholar** 

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: 337–355.

**Google Scholar** 

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

**Google Scholar** 

Joskow, Paul L. 1987. "Contract Duration and Relationship-Specific Investments: Empirical Evidence from Coal Markets". *American Economic Review* 77: 168–185.

**Google Scholar** 

Joskow, Paul L. 1988a. "Asset Specificity and the Structure of Vertical Relationships: Empirical Evidence". *Journal of Law, Economics, and Organization* 4: 95–117.

**Google Scholar** 

Joskow, Paul L. 1988b. "Price Adjustment in Long-Term Contracts: The Case of Coal". *Journal of Law and Economics* 31: 47–83.

Article Google Scholar

Joskow, Paul L. 1990. "The Performance of Long-Term Contracts: Further Evidence from the Coal Markets". *Rand Journal of Economics* 21: 251–274.

Google Scholar

Kenney, Roy W. and Benjamin Klein. 1983. "The Economics of Block Booking". *Journal of Law and Economics* 26: 497–540.

Klein, Benjamin. 1988. "Vertical Integration as Organized Ownership: The Fisher Body—General Motors Relationship Revisited". *Journal of Law, Economics and Organization* 4: 199–213.

**Google Scholar** 

Klein, Benjamin. 2000. "Fisher—General Motors and the Nature of the Firm". *Journal of Law and Economics* 43: 105–141.

Article Google Scholar

Klein, Benjamin, Robert A. Crawford, and Armen A. Alchian. 1978. "Vertical Integration, Appropriable Rents, and the Competitive Contracting Process". *Journal of Law and Economics* 21: 297–326.

**Article Google Scholar** 

Klein, Peter G. and Sandra K. Klein. 2002. "Do Entrepreneurs Make Predictable Mistakes? Evidence from Corporate Divestitures". in Nicolai J. Foss and Peter G. Klein (eds.), *Entrepreneurship and the Firm*. Aldershott, UK: Edward Elgar.

**Google Scholar** 

Klein, Saul, Gary L. Frazier, and Victor J. Roth. 1990. "A Transaction Cost Analysis Model of Channel Integration in International Markets". *Journal of Marketing Research* 27: 196–208.

Google Scholar

Lafontaine, Francine. 1992. "Agency Theory and Franchising: Some Empirical Results". *Rand Journal of Economics* 23: 263–283.

Lafontaine, Francine and Kathrin Shaw. 1999. "The Dynamics of Franchise Contracting: Evidence from Panel Data". *Journal of Political Economy* 107: 1041–1080.

Article Google Scholar

Lafontaine, Francine and Margaret Slade. 1997. "Retail Contracting: Theory and Practice". *Journal of Industrial Economics* 45: 1–25.

**Google Scholar** 

Lafontaine, Francine and Emmanuel Raynaud. 2002. "The Role of Residual Claims and Self-Enforcement in Franchise Contracting". NBER Working Paper 8868.

**Google Scholar** 

Lafontaine, Francine and Scott E. Masten. 2002. "Contracting in the Absence of Specific Investments and Moral Hazard: Understanding Carrier-Driver Relations in U.S. Trucking". Working Paper, University of Michigan Business School.

Google Scholar

Langlois, Richard N. and Paul L. Robertson. 1989. "Explaining Vertical Integration: Lessons from the American Automobile Industry". *Journal of Economic History* 49: 361–375.

**Google Scholar** 

Levy, David. 1985. "The Transaction Cost Approach to Vertical Integration: An Empirical Examination". *Review of Economics and Statistics* 67: 438–445.

Google Scholar

Lieberman, Marvin B. 1991. "Determinants of Vertical Integration: An Empirical

Test". Journal of Industrial Economics 39: 451-466.

**Google Scholar** 

Loredo, Enrique and Eugenia Suárez. 2000. "The Governance of Transactions: Joskow's Coal-Burning Generating Plants Example Revisited". *Energy Policy* 28: 107–114.

**Article Google Scholar** 

Lyons, Bruce R. 1995. "Specific Investment, Economies of Scale, and the Make-or-Buy Decision: A Test of Transaction Cost Theory". *Journal of Economic Behavior and Organization* 26: 431–443.

Article Google Scholar

MacDonald, James M. 1985. "Market Exchange or Vertical Integration: An Empirical Analysis". *Review of Economics and Statistics* 67: 327–331.

Google Scholar

Macher, Jeffrey T. 2001. "Vertical Disintegration and Process Innovation in Semiconductor Manufacturing: Foundries vs. Integrated Device Manufacturers". Working Paper, McDonough School of Business, Georgetown University.

**Google Scholar** 

MacMillan, Ian C. Donald C. Hambrick, and Johannes M. Pennings. 1986. "Uncertainty Reduction and the Threat of Supplier Retaliation: Two Views of the Backward Integration Decision". *Organization Studies* 7: 263–278.

**Google Scholar** 

Martinez, Steve. W. 2002. "A Comparison of Vertical Coordination in the U.S. Poultry, Egg, and Pork Industries". *Current Issues in Economics of Food Markets*,

Agriculture Information Bulletin No. 747-05, U.S. Department of Agriculture, Economic Research Service.

**Google Scholar** 

Masten, Scott E. 1984. "The Organization of Production: Evidence from the Aerospace Industry". *Journal of Law and Economics* 27: 403–417.

Article Google Scholar

Masten, Scott E. 1994. "Empirical Research in Transaction-cost Economics: Challenges, Progress, Directions". Mimeo, University of Michigan Business School.

**Google Scholar** 

Masten, Scott E. (ed.). 1996. *Case Studies in Contracting and Organization*. New York: Oxford University Press.

Google Scholar

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: 1083–1093.

**Google Scholar** 

Masten, Scott E., James W. Meehan, and Edward A. Snyder. 1989. "Vertical Integration in the U.S. Auto Industry: A Note on the Influence of Specific Assets". Journal of Economic Behavior and Organization 12: 265–273.

Article Google Scholar

Masten, Scott E., James W. Meehan, and Edward A. Snyder. 1991. "The Costs of Organization". *Journal of Law, Economics and Organization* 7: 1–25.

Masten, Scott E. and Edward A. Snyder. 1993. "United States versus United Shoe Machinery Corporation: On the Merits". *Journal of Law and Economics* 36: 33–70.

**Article Google Scholar** 

Masten, Scott E. and Stéphane Saussier. 2000. "Econometrics of Contracts: An Assessment of Developments in the Empirical Literature on Contracting". *Revue d'Economie Industrielle* 215–236.

**Google Scholar** 

Masters, John K. and Grant Miles. 2002. "Predicting the Use of External Labor Arrangements: A Test of the Transaction Cost Perspective". *Academy of Management Journal* 45: 431–442.

**Google Scholar** 

Matsusaka, John G. 2001. "Corporate Diversification, Value Maximization, and Organizational Capabilities". *Journal of Business* 74: 409–431.

Article Google Scholar

Ménard, Claude. 1996. "On Clusters, Hybrids and other Strange Forms. The Case of the French Poultry Industry". *Journal of Institutional and Theoretical Economics* 152: 154–183.

**Google Scholar** 

Ménard, Claude. 2004. "The Economics of Hybrid Organizations". *Journal of Institutional and Theoretical Economics* 160: 1–32.

**Article Google Scholar** 

Ménard, Claude and Peter G. Klein. 2004. "Organizational Issues in the Agri-Food Sector: Toward a Comparative Approach". *American Journal of Agricultural Economics* 86: 746–751.

**Google Scholar** 

Milgrom, Paul A. and John Roberts. 1990. "Bargaining Costs, Influence Costs, and the Organization of Economic Activity" in James E. Alt and Kenneth A. Shepsle (eds.), *Perspectives on Positive Political Economy*. Cambridge: Cambridge University Press.

**Google Scholar** 

Monteverde, Kirk and David J. Teece. 1982a. "Appropriable Rents and Quasi-Vertical Integration". *Journal of Law and Economics* 25: 321–328.

**Article Google Scholar** 

Monteverde, Kirk and David J. Teece. 1982b. "Supplier Switching Costs and Vertical Integration in the Automobile Industry". *Bell Journal of Economics* 13: 206–213.

**Google Scholar** 

Mosakowski, Elaine. 1997. "Strategy Making Under Causal Ambiguity: Conceptual Issues and Empirical Evidence". *Organization Science* 8: 414–442.

Google Scholar

Mulherin, J. Harold. 1986. "Complexity in Long-Term Contracts: An Analysis of Natural Gas Contractual Provisions". *Journal of Law, Economics, and Organization* 2: 105–117.

Muris, Timothy J., David Scheffman, and Pablo T. Spiller. 1992. "Strategy and Transaction Costs: The Organization of Distribution in the Carbonated Soft Drink Industry". *Journal of Economics and Management Strategy* 1: 83–128.

**Article Google Scholar** 

Murtha, Thomas P. 1993. "Credible Enticements: Can Host Governments Tailor Multinational Firms' Organizations to Suit National Objectives?" *Journal of Economic Behavior and Organization* 20: 171–186.

**Article Google Scholar** 

Nelson, Richard R., and Sidney G. Winter. 1982. *An Evolutionary Theory of Economic Change*. Cambridge, MA: Harvard University Press.

**Google Scholar** 

Nickerson, Jackson A., Barton H. Hamilton, and Tetsuo Wada. 2001. "Market Position, Resource Profile, and Governance: Linking Porter and Williamson in the Context of International courier and Small Package Services in Japan". *Strategic Management Journal* 22: 251–273.

Article Google Scholar

Nickerson, Jackson A. and Brian S. Silverman. 2003. "Why Aren't All Truck Drivers Owner Operators? Asset Ownership and the Employment Relation in Interstate For-Hire Trucking *Journal of Economics and Management Strategy* 12: 91–118.

**Article Google Scholar** 

Ohanian, Nancy Kane. 1994. "Vertical Integration in the U.S. Pulp and Paper Industry, 1900–1940". Review of Economics and Statistics 74: 202–207.

Oxley, Joanne E. 1997. "Appropriability Hazards and Governance in Strategic Alliances: A Transaction Cost Approach". *Journal of Law, Economics, and Organization* 13: 387–409.

**Google Scholar** 

Oxley, Joanne E. 1999. "Institutional Environment and the Mechanisms of Governance: The Impact of Intellectual Property Protection on the Structure of Inter-firm Alliances". *Journal of Economic Behavior and Organization* 38: 283–309.

Article Google Scholar

Palay, Thomas M. 1984. "Comparative Institutional Economics: The Governance of Rail Freight Contracting". *Journal of Legal Studies* 13: 265–287.

Article Google Scholar

Palay, Thomas M. 1985. "Avoiding Regulatory Constraints: Contracting Safeguards and the Role of Informal Agreements". *Journal of Law, Economics, and Organization* 1: 155–176.

**Google Scholar** 

Pirrong, Stephen Craig. 1993. "Contracting Practices in Bulk Shipping Markets: A Transactions Cost Explanation". *Journal of Law and Economics* 36: 937–976.

Article Google Scholar

Pisano, Gary P. 1990. "Using Equity Participation to Support Exchange: Evidence from the Biotechnology Industry". *Journal of Law, Economics and Organization* 5: 109–126.

Poppo, Laura and Todd Zenger. 1995. "Opportunism, Routines, and Boundary Choices: A Comparative Test of Transaction Cost and Resource-based Explanations for Make-or-Buy Decisions". *Academy of Management Journal, Best Papers Proceedings*, pp. 42–46.

**Google Scholar** 

Poppo, Laura and Todd Zenger. 1998. "Testing Alternative Theories of the Firm: Transaction Cost, Knowledge-Based, and Measurement Explanations for Make-or-Buy Decisions in Information Services". *Strategic Management Journal* 19: 853–877.

Article Google Scholar

Porter, Michael E. 2000. "Location, Competition and Economic Development: Local Clusters in a Global Economy". *Economic Development Quarterly* 14: 15–34.

**Google Scholar** 

Regan, Laureen. 1997. "Vertical Integration in the Property-Liability Insurance Industry: A Transaction Cost Approach". *Journal of Risk and Insurance* 64: 41–62.

Google Scholar

Rindfleisch, A. and J. B. Heide. 1997. "Transaction Cost Analysis: Past, Present, and Future Applications". *Journal of Marketing* 61: 30–54.

Google Scholar

Sampson, Rachelle C. 2001. "The Cost of Inappropriate Governance in R&D Alliances". Working Paper, Stern School of Business, New York University.

Saussier, Stéphane. 2000. "Transaction Costs and Contractual Incompleteness: The Case of Electricitie de France". *Journal of Economic Behavior and Organization* 42: 189–206.

Article Google Scholar

Schotter, Andrew. 1981. *The Economic Theory of Social Institutions*. Cambridge: Cambridge University Press.

**Google Scholar** 

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.

**Google Scholar** 

Silverman, Brian S. 1999. "Technological Resources and the Direction of Corporate Diversification: Toward an Integration of the Resource-Based View and Transaction Cost Economics". *Management Science* 45: 1109–1124.

Google Scholar

Silverman, Brian S., Jackson A. Nickerson, and John B. Freeman. 1997. "Profitability, Transactional Alignment, and Organizational Mortality in the U.S. Trucking Industry". *Strategic Management Journal* (Special Issue) 18: 31–52.

Article Google Scholar

Simon, Herbert A. 1992. Review of "Organization Theory: From Chester Barnard to the Present and Beyond". *Journal of Economic Literature* 30: 1503–1505. Oliver E. Williamson, ed.

Spiller, Pablo. 1985. "On Vertical Mergers". *Journal of Law, Economics and Organization* 1: 285–312.

**Google Scholar** 

Stuckey, John. 1983. *Vertical Integration and Joint Ventures in the Aluminum Industry*. Cambridge, MA: Harvard University Press.

**Google Scholar** 

Sugden, Robert. 1986. *The Economics of Rights, Cooperation, and Welfare*. Oxford: Blackwell.

**Google Scholar** 

Ullman-Margalit, Edna. 1977. *The Emergence of Norms*. Oxford: Clarendon Press.

**Google Scholar** 

Ulset, Svein. 1996. "R&D Outsourcing and Contractual Governance: An Empirical Study of Commercial R&D Projects". *Journal of Economic Behavior and Organization* 30: 63–82.

**Article Google Scholar** 

Vannoni, Davide. 2002. "Empirical Studies of Vertical Integration: The Transaction Cost Orthodoxy". *International Review of Economics and Business* 49: 113–141.

**Google Scholar** 

Walker, Gordon and David Weber. 1984. "A Transaction Cost Approach to Make-or-Buy Decisions". *Administrative Science Quarterly* 29: 373–391.

Weiss, Allen M. and Nancy Kurland. 1997. "Holding Distribution Channel Relationships Together: The Role of Transaction-Specific Assets and Length of Prior Relationships". *Organization Science* 8(6): 612–623.

**Google Scholar** 

Weiss, Avi. 1992. "The Role of Firm-Specific Capital in Vertical Mergers". *Journal of Law and Economics* 35: 71–88.

**Article Google Scholar** 

Wiggins, Steven N., and Gary D. Libecap. 1985. "Oil Field Unitization: Commercial Failure in the Presence of Imperfect Information". *American Economic Review* 75: 368–385.

**Google Scholar** 

Whinston, Michael D. 2000. "On the Transaction Cost Determinants of Vertical Integration". Working Paper, Department of Economics, Northwestern University.

Google Scholar

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

**Google Scholar** 

Williamson, Oliver E. 1976. "Franchise Bidding for Natural Monopolies—In General and with Respect to CATV". *Bell Journal of Economics* 7: 73-104.

Google Scholar

Williamson, Oliver E. 1985. The Economic Institutions of Capitalism. New York:

Williamson, Oliver E. 1988. "The Economics and Sociology of Organization: Promoting a Dialogue" in George Farkas and Paula England (eds.), *Industries, Firms, and Jobs: Sociological and Economic Approaches*. New York: Plenum Press.

**Google Scholar** 

Williamson, Oliver E. 1991a. "Comparative Economic Organization: The Analysis of Discrete Structural Alternatives". *Administrative Science Quarterly* 36: 269–296.

**Google Scholar** 

Williamson, Oliver E. 1991b. "Strategizing, Economizing, and Economic Organization". Strategic Management Journal 23: 75–94.

**Google Scholar** 

Williamson, Oliver E. 1993. "Opportunism and its Critics". *Managerial and Decision Economics* 14: 97–107.

**Google Scholar** 

Williamson, Oliver E. 1996a. "Economic Organization: The Case for Candor". *Academy of Management Review* 21: 48–57.

Google Scholar

Williamson, Oliver E. 1996b. *The Mechanisms of Governance*. New York: Oxford University Press.

Williamson, Oliver E. 2000. "The New Institutional Economics: Taking Stock, Looking Ahead". *Journal of Economic Literature* 38: 595–613.

**Google Scholar** 

Wilson, James A. 1980. "Adaptation to Uncertainty and Small Numbers Exchange: The New England Fresh Fish Market". *Bell Journal of Economics* 4: 491–504.

**Google Scholar** 

Yarbrough, Beth V. and Robert M. Yarbrough. 1987a. "Cooperation in the Liberalization of International Trade: After Hegemony, What?" *International Organization* 41: 1–26.

**Google Scholar** 

Yarbrough, Beth V. and Robert M. Yarbrough. 1987b. "Institutions for the Governance of Opportunism in International Trade". *Journal of Law, Economics and Organization* 3: 129–139.

**Google Scholar** 

Yvrande-Billon, Anne. 2004. "Contractual Choices and Performances: Evidence from the British Railways" in George Hendrikse, Josef Windsperger, Gérard Cliquet, and Mika Tuunanen (eds.), *Economics and Management of Franchising Networks*. Heidelberg: Physica/Springer, forthcoming.

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