

Curvilinearity in the diversification–performance linkage: an examination of over three decades of research

Leslie E. Palich, Laura B. Cardinal, C. Chet Miller

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Abstract

While an extensive literature examines the diversification–performance relationship, little agreement exists concerning the nature of this relationship. Both theoretical and empirical disagreements abound. This study synthesizes findings from three decades of research to address major theoretical issues that remain open to debate. We derive three competing models from the literature and empirically assess these using meta-analytic data drawn from 55 previously published studies. The results of our tests indicate that moderate levels of diversification yield higher levels of performance than either limited or extensive diversification. Thus, we provide support for the curvilinear model; that is, performance increases as firms shift from single-business strategies to related diversification, but performance decreases as firms change from related diversification to unrelated diversification. The results also indicate major effects from variation in diversification and performance operationalizations. Copyright © 2000 John Wiley & Sons, Ltd.

References

Amit, R. and J. Livnat (1988a). 'Diversification and the risk–return trade-off', *Academy of Management Journal*, 31, pp. 154–166.

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Amit, R. and J. Livnat (1989). 'Efficient corporate diversification: Methods and implications', *Management Science*, 35, pp. 879-898.

[Web of Science®](#) | [Google Scholar](#)

Arnould, R. J. (1969). 'Conglomerate growth and profitability', In L. Garoian (ed.), *Economics of Conglomerate Growth*. Oregon State University, Corvallis, OR, pp. 72-80.

[Google Scholar](#)

Bacharach, S. B. (1989). 'Organization theories: Some criteria for evaluation', *Academy of Management Review*, 14, pp. 495-515.

[Web of Science®](#) | [Google Scholar](#)

Barney, J. B. (1997). *Gaining and Sustaining Competitive Advantage*. Addison-Wesley, Reading, MA.

[Google Scholar](#)

Barton, S. L. (1988). 'Diversification strategy and systemic risk: Another look', *Academy of Management Journal*, 31, pp. 166-175.

[Web of Science®](#) | [Google Scholar](#)

Bass, F. M., P. J. Cattin and D. R. Wittink (1977). 'Market structure and industry influence on profitability'. In H. Thorelli (ed.), *Strategy + Structure = Performance*. Indiana University Press, Bloomington, IN, pp. 181-197.

[Google Scholar](#)

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Bergh, D. D. (1995a). 'Size and relatedness of units sold: An agency theory and resource-based perspective', *Strategic Management Journal*, 16(3), pp. 221-239.

[Web of Science®](#) | [Google Scholar](#)

Bergh, D. D. (1995b). 'Problems with repeated measures analysis: Demonstration with a study of the diversification and performance relationship', *Academy of Management Journal*, 38, pp. 1692-1708.

[Web of Science®](#) | [Google Scholar](#)

Bergh, D. D. and G. F. Holbein (1997). 'Assessment and redirection of longitudinal analysis: Demonstration with a study of the diversification and divestiture relationship', *Academy of Management Journal*, 18, pp. 557-571.

[Web of Science®](#) | [Google Scholar](#)

Bergh, D. D. and M. W. Lawless (1998). 'Portfolio restructuring and limits to hierarchical governance: The effects of environmental uncertainty and diversification strategy', *Organization Science*, 9, pp. 87-102.

[Web of Science®](#) | [Google Scholar](#)

Bethel, J. E. and J. Liebeskind (1993). 'The effects of ownership on corporate restructuring', *Strategic Management Journal*, Summer Special Issue, 14, pp. 15-31.

[Web of Science®](#) | [Google Scholar](#)

Bettis, R. A. (1981). 'Performance differences in related and unrelated diversified firms', *Strategic Management Journal*, 2(4), pp. 379-393.

[Web of Science®](#) | [Google Scholar](#)

Bettis, R. A. and W. K. Hall (1982). 'Diversification strategy, accounting determined risk, and accounting determined return', *Academy of Management Journal*, 25, pp. 254-264.

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Bishara, H. I. (1980). 'Performance of Canadian conglomerate corporations: An empirical analysis', *Akron Business and Economic Review*, 11, pp. 23-30.

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Bishara, H. I. (1981). 'An empirical study of the Canadian multinational corporations and Canadian conglomerate firms with regard to performance evaluation', *Nebraska Journal of Economics and Business*, 20, pp. 33-50.

[Web of Science®](#)  | [Google Scholar](#) 

Bolton, P. and D. S. Scharfstein (1990). 'A theory of predation based on agency problems in financial contracting', *American Economic Review*, 80, pp. 93-106.

[Web of Science®](#)  | [Google Scholar](#) 

Buhner, R. (1987). 'Assessing international diversification of West German corporations', *Strategic Management Journal*, 8(1), pp. 25-37.

[Web of Science®](#)  | [Google Scholar](#) 

Busija, E. C., H. M. O'neill and C. P. Zeithaml (1997). 'Diversification strategy, entry mode, and performance: Evidence of choice and constraints', *Strategic Management Journal*, 18(4), pp. 321-327.

[Web of Science®](#)  | [Google Scholar](#) 

Cable, J. and H. Yasuki (1985). 'Internal organization, business groups and corporate performance', *International Journal of Industrial Organization*, 3, pp. 401-420.

[Google Scholar](#) 

Capon, N., J. M. Hulbert, J. U. Farley and L. E. Martin (1988). 'Corporate diversity and economic performance:

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Caves, R. E. (1981). 'Diversification and seller concentration: Evidence from change', *Review of Economics and Statistics*, 63, pp. 289-293.

[Web of Science®](#) | [Google Scholar](#)

Chang, S. J. and U. Choi (1988). 'Strategy, structure and performance of Korean business groups: A transactions cost approach', *Journal of Industrial Economics*, 37, pp. 141-158.

[Web of Science®](#) | [Google Scholar](#)

Chang, Y. and H. Thomas (1989). 'The impact of diversification strategy on risk-return performance', *Strategic Management Journal*, 10(3), pp. 271-284.

[Web of Science®](#) | [Google Scholar](#)

Chatterjee, S. and J. D. Blocher (1992). 'Measurement of firm diversification: Is it robust?', *Academy of Management Journal*, 35, pp. 874-888.

[Web of Science®](#) | [Google Scholar](#)

Chatterjee, S. and B. Wernerfelt (1991). 'The link between resources and type of diversification: Theory and evidence', *Strategic Management Journal*, 12(1), pp. 33-48.

[Web of Science®](#) | [Google Scholar](#)

Choi, J. J. (1989). 'Diversification, exchange risk, and corporate international investment', *Journal of International Business Studies*, 20, pp. 145-156.

[Web of Science®](#) | [Google Scholar](#)

Christensen, H. K. and C. A. Montgomery (1981). 'Corporate economic performance: Diversification strategy versus market structure', *Strategic Management Journal*, 2(4), pp. 327-343.

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Datta, D. K., N. Rajagopalan and A. Rasheed (1991). 'Diversification and performance: Critical review and future directions', *Journal of Management Studies*, 28, pp. 529-558.

[Web of Science®](#) | [Google Scholar](#)

Denis, D. J., D. K. Denis and A. Sarin (1997). 'Agency problems, equity ownership, and corporate diversification', *Journal of Finance*, 52, pp. 135-160.

[Web of Science®](#) | [Google Scholar](#)

Dess, G. G., D. R. Ireland and M. A. Hitt (1990). 'Industry effects and strategic management research', *Journal of Management*, 16, pp. 7-27.

[Web of Science®](#) | [Google Scholar](#)

Dubofsky, P. and P. Varadarajan (1987). 'Diversification and measures of performance', *Academy of Management Journal*, 30, pp. 597-608.

[Web of Science®](#) | [Google Scholar](#)

Dundas, K. N. and P. R. Richardson (1982). 'Implementing the unrelated product strategy', *Strategic Management Journal*, 3(4), pp. 287-301.

[Web of Science®](#) | [Google Scholar](#)

Froot, K. A., D. S. Scharfstein and J. C. Stein (1993). 'Risk management: Coordinating corporate investment and financing policies', *Journal of Finance*, 48, pp. 1629-1658.

[Web of Science®](#) | [Google Scholar](#)

Froot, K. A., D. S. Scharfstein and J. C. Stein (1994). 'A framework for risk management', *Harvard Business Review*, 72(6), pp. 91-102.

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Gassenheimer, J. B. and W. W. Keep (1995). 'The effect of diversification on manufacturers, wholesalers, and retailers', *Journal of Managerial Issues*, 7, pp. 13-26.

[Google Scholar](#) 

Gassenheimer, J. B. and W. W. Keep (1998). 'Generalizing diversification theory across economic sectors: Theoretical and empirical considerations', *Journal of Marketing Theory and Practice*, Winter ed., pp. 38-47.

[Google Scholar](#) 

Geringer, J. M., P. W. Beamish and R. C. dacosta (1989). 'Diversification strategy and internationalization: Implications for MNE performance', *Strategic Management Journal*, 10(2), pp. 109-119.

[Web of Science®](#)  | [Google Scholar](#) 

Geroski, P. A. (1995). 'What do we know about entry?', *International Journal of Industrial Organization*, 13, pp. 421-440.

[Web of Science®](#)  | [Google Scholar](#) 

Gertner, R. H., D. S. Scharfstein and J. C. Stein (1994). 'Internal versus external capital markets', *Quarterly Journal of Economics*, 109, pp. 1211-1230.

[Web of Science®](#)  | [Google Scholar](#) 

Glass, G. V., B. McGaw and M. L. Smith (1981). *Meta-analysis in Social Research*, Sage, Beverly Hills, CA.

[Google Scholar](#) 

Gomez-mejia, L. R. and L. E. Palich (1997). 'Cultural diversity and the performance of multinational firms', *Journal of International Business Studies*, 28, pp. 309-336.

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Grant, R. M. (1987). 'Multinationality and performance among British manufacturing companies', *Journal of International Business Studies*, 18, pp. 79-89.

[Web of Science®](#) | [Google Scholar](#)

Grant, R. M. (1998). *Contemporary Strategy Analysis*. Blackwell, Oxford.

[Google Scholar](#)

Grant, R. M. and A. P. Jammie (1988). 'Performance differences between the Wrigley/Rumelt strategic categories', *Strategic Management Journal*, 9(4), pp. 333-346.

[Web of Science®](#) | [Google Scholar](#)

Grant, R. M., A. P. Jammie and H. Thomas (1988). 'Diversity, diversification, and profitability among British manufacturing companies', *Academy of Management Journal*, 31, pp. 771-801.

[Web of Science®](#) | [Google Scholar](#)

Grinyer, P. H., M. Yasai-ardekani and S. Al-bazzazz (1980). 'Strategy, structure, the environment, and financial performance in 48 United Kingdom companies', *Academy of Management Journal*, 23, pp. 193-220.

[Web of Science®](#) | [Google Scholar](#)

Habib, M. M. and B. Victor (1991). 'Strategy, structure, and performance of U.S. manufacturing and service MNCs: A comparative analysis', *Strategic Management Journal*, 12(8), pp. 589-606.

[Web of Science®](#) | [Google Scholar](#)

Hall, E. H. and St. John C. H. (1994). 'A methodological note on diversity measurement', *Strategic Management Journal*, 15(2), pp. 153-168.

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Hedges, L. V. and I. Olkin (1985). *Statistical Methods for Meta-Analysis*. Academic Press, New York.

[CAS](#)  | [Google Scholar](#) 

Higgins, R. C. and L. D. Schall (1975). 'Corporate bankruptcy and conglomerate merger', *Journal of Finance*, **30**, pp. 93-113.

[Web of Science®](#)  | [Google Scholar](#) 

Hill, C. W. L (1983). 'Conglomerate performance over the economic cycle', *Journal of Industrial Economics*, **32**, pp. 197-211.

[Web of Science®](#)  | [Google Scholar](#) 

Hill, C. W. L. (1988a). 'Internal capital market controls and financial performance in multidivisional firms', *Journal of Industrial Economics*, **37**, pp. 67-83.

[Web of Science®](#)  | [Google Scholar](#) 

Hill, C. W. L. (1988b). 'Corporate control type, strategy, size, and financial performance', *Journal of Management Studies*, **25**, pp. 403-417.

[Web of Science®](#)  | [Google Scholar](#) 

Hill, C. W. L. and G. S. Hansen (1991). 'A longitudinal study of the cause and consequences of changes in diversification in the U.S. pharmaceutical industry 1977-1986', *Strategic Management Journal*, **12**(3), pp. 187-199.

[CAS](#)  | [Web of Science®](#)  | [Google Scholar](#) 

Hill, C. W. L., M. A. Hitt and R. E. Hoskisson (1992). 'Cooperative versus competitive structures in related and unrelated diversified firms', *Organization Science*, **3**, pp. 501-520.

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Hitt, M. A. and R. D. Ireland (1985). 'Strategy, contextual factors, and performance', *Human Relations*, **38**, pp. 793-812.

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Hitt, M. A. and R. D. Ireland (1986). 'Relationship among corporate level distinctive competencies, diversification strategy, corporate structure and performance', *Journal of Management Studies*, **23**, pp. 401-416.

[Web of Science®](#) | [Google Scholar](#)

Hitt, M. A., R. E. Hoskisson and H. Kim. (1997). 'International diversification: Effects on innovation and firm performance in product-diversified firms', *Academy of Management Journal*, **40**, pp. 767-798.

[Web of Science®](#) | [Google Scholar](#)

Holzman, O. J., R. M. Copeland and J. Hayya (1975). 'Income measures of conglomerate performance', *Quarterly Review of Economics and Business*, **15**, pp. 67-78.

[Google Scholar](#)

Hood, N. and S. Young (1979). 'A reassessment of the growth, performance and strategy in 300 UK holding companies', *Management Decision*, **17**, pp. 429-440.

[Web of Science®](#) | [Google Scholar](#)

Hoskisson, R. E. (1987). 'Multidivisional structure and performance: The diversification strategy contingency,' *Academy of Management Journal*, **30**, pp. 625-644.

[Web of Science®](#) | [Google Scholar](#)

Hoskisson, R. E. and M. A. Hitt (1990). 'Antecedents and performance outcomes of diversification: Review and critique of theoretical perspectives', *Journal of Management*, **16**, pp. 461-509.

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Huber, G. P., C. C. Miller and W. H. Glick (1990). 'Developing more encompassing theories about organizations: The centralization-effectiveness relationship as an example', *Organization Science*, 1, pp. 11-40.

[Web of Science®](#) | [Google Scholar](#)

Hughes, K. and C. Oughton (1993). 'Diversification, multi-market contact and profitability', *Economica*, 60, pp. 203-224.

[Web of Science®](#) | [Google Scholar](#)

Hunter, J. E. and F. L. Schmidt (1990). *Methods of Meta-Analysis: Correcting Error and Bias in Research Findings*. Sage, Newbury Park, CA.

[PubMed](#) | [Google Scholar](#)

Imel, B. and P. Helmberger (1971). 'Estimation of structure-profit relationships with application to the food processing sector', *American Economic Review*, 61, pp. 614-627.

[Web of Science®](#) | [Google Scholar](#)

Itami, H., T. Kagono, H. Yoshihara and A. Sakuma (1982). 'Diversification strategies and economic performance', *Japanese Economic Studies*, 11, pp. 78-110.

[Web of Science®](#) | [Google Scholar](#)

Jacquemine, A. P. and C. H. Berry (1979). 'Entropy measure of diversification and corporate growth', *Journal of Industrial Economics*, 27, pp. 359-369.

[Web of Science®](#) | [Google Scholar](#)

Jahera, J. S., S. L. Oswald and K. McMillan (1993). 'The relationship between the effectiveness of risk diversification and corporate performance', *Journal of Applied Business Research*, 9, pp. 1-11.

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Johnson, G. and H. Thomas (1987). 'The industry context of strategy, structure and performance: The U.K. brewing industry', *Strategic Management Journal*, 8(4), pp. 343-361.

[Web of Science®](#) | [Google Scholar](#)

Johnson, R. A., R. E. Hoskisson and M. A. Hitt (1993). 'Board of director involvement in restructuring: The effects of board versus managerial controls and characteristics', *Strategic Management Journal*, Summer Special Issue, 14, pp. 33-50.

[Web of Science®](#) | [Google Scholar](#)

Jones, G. R. and C. W. L. Hill (1988). 'Transaction cost analysis of strategy-structure choice', *Strategic Management Journal*, 9(2), pp. 159-172.

[CAS](#) | [PubMed](#) | [Web of Science®](#) | [Google Scholar](#)

Jose, M. L., L. M. Nichols and J. L. Stevens (1986). 'Contributions of diversification, promotion, and R&D to the value of multiproduct firms: A Tobin's q approach', *Financial Management*, 15, pp. 33-42.

[Web of Science®](#) | [Google Scholar](#)

Keats, B. W. (1990). 'Diversification and business economic performance revisited: Issues of measurement and causality', *Journal of Management*, 16, pp. 61-73.

[Web of Science®](#) | [Google Scholar](#)

Keats, B. W. and M. A. Hitt (1988). 'A causal model of linkages among environmental dimensions, macro organizational characteristics, and performance', *Academy of Management Journal*, 31, pp. 570-598.

[Web of Science®](#) | [Google Scholar](#)

Kim, W. C., P. Hwang and W. P. Burgers (1989). 'Global diversification strategy and corporate profit performance', *Strategic Management Journal*, 10(1), pp. 45-57.

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Lane, P. J., A. A. Cannella, Jr. and M. H. Lubatkin (1998). 'Agency problems as antecedents to unrelated mergers and diversification: Amihid and Lev reconsidered', *Strategic Management Journal*, 19(6), pp. 555-578.

[Web of Science®](#) | [Google Scholar](#)

Lang, L. H. P. and R. M. Stulz (1994). 'Tobin's q, corporate diversification, and firm performance', *Journal of Political Economy*, 102, pp. 1248-1280.

[Web of Science®](#) | [Google Scholar](#)

Lang, L., A. Poulsen, and R. Stulz (1995). 'Asset sales, firm performance, and the agency costs of managerial discretion', *Journal of Financial Economics*, 37, pp. 3-37.

[Web of Science®](#) | [Google Scholar](#)

Lecraw, D. J. (1984). 'Diversification strategy and performance', *Journal of Industrial Economics*, 33, pp. 179-197.

[Web of Science®](#) | [Google Scholar](#)

Levy, H. and M. Sarnat (1970). 'Diversification: Portfolio analysis and the case for conglomerate mergers', *Journal of Finance*, 25, pp. 795-802.

[Web of Science®](#) | [Google Scholar](#)

Lewellen, W. G. (1971). 'A pure financial rationale for the conglomerate merger', *Journal of Finance*, 26, pp. 521-545.

[Web of Science®](#) | [Google Scholar](#)

Lichtenberg, F. R. (16 Jan. 1990). 'Want more productivity? Kill that conglomerate', *Wall Street Journal*, p. A16.

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Reject Non-Essential

Lubatkin, M. H. and S. Chatterjee (1991). 'The strategy-shareholder value relationship: Testing temporal stability across market cycles', *Strategic Management Journal*, 12(8), pp. 251–270.

[Web of Science®](#) | [Google Scholar](#)

Lubatkin, M. H. and S. Chatterjee (1994). 'Extending modern portfolio theory into the domain of corporate diversification: Does it apply?', *Academy of Management Journal*, 37, pp. 109–136.

[Web of Science®](#) | [Google Scholar](#)

Lubatkin, M., H. Merchant and N. Srinivasan (1993). 'Construct validity of some unweighted product-count diversification measures', *Strategic Management Journal*, 14(6), pp. 433–449.

[Web of Science®](#) | [Google Scholar](#)

Lubatkin, M. H. and H. O'neill (1987). 'Merger strategies and market risk', *Academy of Management Journal*, 30, pp. 665–684.

[Web of Science®](#) | [Google Scholar](#)

Lubatkin, M. H. and R. C. Rogers (1989). 'Diversification, systematic risk, and shareholder return: A capital market extension of Rumelt's 1974 study', *Academy of Management Journal*, 32, pp. 454–465.

[Web of Science®](#) | [Google Scholar](#)

Maddala, G. S. (1977). *Econometrics*. McGraw-Hill, New York.

[Google Scholar](#)

Madj, S. and S. C. Myers (1987). 'Tax asymmetries and corporate income tax reform'. In M. Feldstein (ed.), *Effects of Taxation on Capital Accumulation*. University of Chicago Press, Chicago, IL, pp. 343–376.

[Google Scholar](#)

This website utilizes technologies such as cookies to enable essential site functionality, as well as for analytics, personalization, and targeted advertising. You may change your settings at any time or accept the default settings. You may close this banner to continue with only essential cookies. [Privacy Policy](#)

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Accept All

Reject Non-Essential

Markides, C. C. (1992). 'Consequence of corporate refocusing: Ex ante evidence', *Academy of Management Journal*, 35, pp. 398-412.

[Web of Science®](#) | [Google Scholar](#)

Markides, C. C. (1995). 'Diversification, restructuring and economic performance', *Strategic Management Journal* 16(2), pp. 101-118.

[Web of Science®](#) | [Google Scholar](#)

Markides, C. C. and P. J. Williamson (1994). 'Related diversification, core competencies and corporate performance', *Strategic Management Journal*, Summer Special Issue, 15, pp. 149-165.

[Web of Science®](#) | [Google Scholar](#)

Matsusaka, J. G. (1993). 'Takeover motives during the conglomerate merger wave', *RAND Journal of Economics*, 24, pp. 357-379.

[Web of Science®](#) | [Google Scholar](#)

McCutcheon, B. J. (1991). 'What caused conglomerate formation? An examination of managerial behavior and internal capital markets in the 1960s conglomerates', doctoral dissertation, University of Chicago.

[Google Scholar](#)

Melicher, R. W. and D. F. Rush (1973). 'The performance of conglomerate firms: Recent risk and return experience', *Journal of Finance*, 28, pp. 380-388.

[Web of Science®](#) | [Google Scholar](#)

Melicher, R. W. and D. F. Rush (1974). 'Evidence of the acquisition-related performance of conglomerate firms', *Journal of Finance*, 29, pp. 141-149.

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Reject Non-Essential

Michel, A. and I. Shaked (1984). 'Does business diversification affect performance', *Financial Management*, 13, pp. 18-24.

[Web of Science®](#) | [Google Scholar](#)

Milgrom, P. and J. Roberts (1982). 'Predation, reputation, and entry deterrence', *Journal of Economic Theory*, 27, pp. 280-312.

[Web of Science®](#) | [Google Scholar](#)

Miller, C. C. and L. B. Cardinal (1994). 'Strategic planning and firm performance: A synthesis of more than two decades of research', *Academy of Management Journal*, 37, pp. 1649-1665.

[Web of Science®](#) | [Google Scholar](#)

Montgomery, C. A. (1982). 'The measurement of firm diversification: Some new empirical evidence', *Academy of Management Journal*, 25, pp. 299-307.

[Web of Science®](#) | [Google Scholar](#)

Montgomery, C. A. (1985). 'Product-market diversification and market power', *Academy of Management Journal*, 28, pp. 789-798.

[Web of Science®](#) | [Google Scholar](#)

Mosakowski, E. (1997). 'Strategy making under causal ambiguity: Conceptual issues and empirical evidence', *Organizational Science*, 8, pp. 414-442.

[Web of Science®](#) | [Google Scholar](#)

Nathanson, D. A. and J. S. Cassano (1982). 'Organization, diversity, and performance', *Wharton Magazine*, 6, pp. 19-26.

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Reject Non-Essential

Nguyen, T. H., A. Seror and T. M. Devinney (1990). 'Diversification strategy and performance in Canadian manufacturing firms', *Strategic Management Journal*, 11(5), pp. 411-418.

[Web of Science®](#) | [Google Scholar](#)

Palepu, K. (1985). 'Diversification strategy, profit performance, and the entropy measure', *Strategic Management Journal*, 6(3), pp. 239-255.

[Web of Science®](#) | [Google Scholar](#)

Palmer, D. A., A. Jennings, P. Devereaux and X. Zhou (1993). 'Late adoption of the multidivisional form by large U.S. corporations: Institutional, political, and economic accounts', *Administrative Science Quarterly*, 38, pp. 100-131.

[Web of Science®](#) | [Google Scholar](#)

Perreault, W. D. and L. E. Leigh (1989). 'Reliability of nominal data based on qualitative judgments', *Journal of Marketing Research*, 26, pp. 135-148.

[Web of Science®](#) | [Google Scholar](#)

Porter, M. E. (1985). *Competitive Advantage*. Free Press, New York.

[Google Scholar](#)

Porter, M. E. (1987). 'From competitive advantage to corporate strategy', *Harvard Business Review*, 65(3), pp. 43-59.

[Web of Science®](#) | [Google Scholar](#)

Powell, T. C. (1996). 'How much does industry matter? An alternative empirical test', *Strategic Management Journal*, 17(4), pp. 323-334.

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Ramanujam, V. and P. Varadarajan (1989). 'Research on corporate diversification: A synthesis', *Strategic Management Journal*, 10(6), pp. 523-551.

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Ravenscraft, D. J. and F. M. Scherer (1987). *Mergers, sell-offs, and economic efficiency*. The Brookings Institution. Washington, DC.

[Google Scholar](#)

Riahi-belkaoui, A. and E. Pavlik (1993). 'Effects of ownership structure, firm performance, size and diversification strategy on CEO compensation: A path analysis', *Managerial Finance*, 19, pp. 33-54.

[Google Scholar](#)

Robins, J, and M. F. Wiersema (1995). 'A resource-based approach to the multibusiness firm: Empirical analysis of portfolio interrelationships and corporate financial performance', *Strategic Management Journal*, 16(4), pp. 277-299.

[Web of Science®](#) | [Google Scholar](#)

Rosenthal, R. (1991). *Meta-Analytic Procedures for Social Research*. Sage, Newbury Park, CA.

[Google Scholar](#)

Rumelt, R. P. (1974). *Strategy, Structure, and Economic Performance*. Harvard University Press, Cambridge, MA.

[Google Scholar](#)

Rumelt, R. P. (1982). 'Diversification strategy and profitability', *Strategic Management Journal*, 3(4), pp. 359-369.

[Web of Science®](#) | [Google Scholar](#)

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Reject Non-Essential

Scherer, F. M. (1980). *Industrial Market Structure and Economic Performance*. Rand McNally, Chicago, IL.

[Google Scholar](#) 

Schmalensee, R. (1985). 'Do markets differ much?', *American Economic Review*, **75**, pp. 341- 351.

[Web of Science®](#)  | [Google Scholar](#) 

Servaes, H. (1996). 'The value of diversification during the conglomerate merger wave', *Journal of Finance*, **51**, pp. 1201-1225.

[Web of Science®](#)  | [Google Scholar](#) 

Seth, A. (1990). 'Value creation in acquisitions: A re-examination of performance issues', *Strategic Management Journal*, **11**(2), pp. 99-115.

[Web of Science®](#)  | [Google Scholar](#) 

Shleifer, A. and R. W. Vishny (1990). 'The takeover wave of the 1980s', *Journal of Applied Corporate Finance*, **3**, pp. 49-56.

[Google Scholar](#) 

Shleifer, A. and R. W. Vishny (1991). 'Takeovers in the '60s and the '80s: Evidence and implications', *Strategic Management Journal*, Summer Special Issue, **12**, pp. 51-59.

[Web of Science®](#)  | [Google Scholar](#) 

Shleifer, A. and R. W. Vishny (1992). 'Liquidation values and debt capacity: A market equilibrium approach', *Journal of Finance*, **47**, pp. 379-396.

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Smith, K. V. and J. F. Weston (1977). 'Further evaluation of conglomerate performance', *Journal of Business Research*, 5, pp. 5-14.

[Web of Science®](#) | [Google Scholar](#)

Sobel, R. (1984). *The Rise and Fall of the Conglomerate Kings*. Stein and Day, New York.

[Google Scholar](#)

Stulz, R. (1990). 'Managerial discretion and optimal financing policies', *Journal of Financial Economics*, 26, pp. 3-27.

[Web of Science®](#) | [Google Scholar](#)

Tallman, S. and J. Li (1996). 'Effects of international diversity and product diversity on the performance of multinational firms', *Academy of Management Journal*, 39, pp. 179-196.

[Web of Science®](#) | [Google Scholar](#)

Taylor, P. and J. Lowe (1995). 'A note on corporate strategy and capital structure', *Strategic Management Journal*, 16(5), pp. 411-414.

[Web of Science®](#) | [Google Scholar](#)

Thompson, R. S. (1985). 'Risk reduction and international diversification: An analysis of large UK multinational companies', *Applied Economics*, 17, pp. 529-541.

[Web of Science®](#) | [Google Scholar](#)

Varadarajan, P. R. (1986). 'Product diversity and firm performance: An empirical investigation', *Journal of Marketing*, 50, pp. 43-57.

[Web of Science®](#) | [Google Scholar](#)

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[Google Scholar](#) 

Wernerfelt, B. and C. A. Montgomery (1988). 'Tobin's q and the importance of focus in firm performance', *American Economic Review*, **78**, pp. 246–250.

[Web of Science®](#) 

[Google Scholar](#) 

Weston, J. F. and S. K. Mansinghka (1971). 'Tests of the efficiency performance of conglomerate firms', *Journal of Finance*, **26**, pp. 919–936.

[Web of Science®](#) 

[Google Scholar](#) 

Whetten, D. A. (1989). 'What constitutes a theoretical contribution', *Academy of Management Review*, **14**, pp. 490–495.

[Web of Science®](#) 

[Google Scholar](#) 

Williams, J. R., B. L. Paez and L. Sanders (1988). 'Conglomerate revisited', *Strategic Management Journal*, **9**(5), pp. 403–414.

[Web of Science®](#) 

[Google Scholar](#) 

Williamson, O. E. (1985). *The Economic Institutions of Capitalism*. Free Press, New York.

[Google Scholar](#) 

Williamson, O. E. (1986). *Economic Organization: Firms, Markets and Policy Control*. New York University Press, New York.

[Google Scholar](#) 

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