

# Capital Structure Determinants in Real Estate Limited Partnerships

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## Abstract

This paper models the capital structure decision facing partnerships and tests the implications using panel-data regression analysis for a sample of real estate limited partnerships. The model shows that if an optimal capital structure exists for non-taxed firms, it is a function of personal tax effects, costs of financial distress, and substitute tax shields. The empirical tests indicate a positive relationship between leverage and the proportion of real estate assets held, and a negative relationship between leverage and both growth rates and non-debt tax shields. Furthermore, the findings suggest that changes resulting from the Tax Reform Act of 1986 are positively related to partnership leverage.

## References

- [1] Bradley, Michael, Gregg A. Jarrell, and E. Han Kim. On the Existence of an Optimal Capital Structure: Theory and Evidence. *The Journal of Finance* 39(1984): 857-878.

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[4] Friend, Irwin, and Larry H. P. Lang. An Empirical Test of the Impact of Managerial Self-Interest on Corporate Capital Structure. *The Journal of Finance* 43(1988): 271-281.

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---

[5] Gau, George W., and Ko Wang. Capital Structure Decisions in Real Estate Investment. *AREUEA Journal* 18(1990): 501-521.

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

---

[6] Greene, William H. *Econometric Analysis*. New York : Macmillan, 1990.

[Google Scholar](#)

---

[7] Haight, G. Timothy. *The New Limited Partnership Investment Advisor*. Chicago : Probus, 1987.

[Google Scholar](#)

---

[8] Harris, Milton, and Artur Raviv. The Theory of Capital Structure. *The Journal of Finance* 46(1991): 297-355.

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---

[9] Howe, John S., and James D. Shilling. Capital Structure Theory and REIT Security Offerings. *The Journal of Finance* 43(1988): 983-993.

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---

[10] Jaffe, Jeffrey F. Taxes and the Capital Structure of Partnerships, REITs and Related Entities. *The Journal of Finance* 46(1991): 401-407.

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---

[13] Kraus, A., and R. Litzenberger. A State Preference Model of Optimal Financial Leverage. *The Journal of Finance* 28(1973): 911–921.

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---

[14] Long, M.S., and E.B. Malitz. Investment Patterns and Financial Leverage.” In *Corporate Capital Structures in the United States*, edited by B. Friedman. Chicago : University of Chicago Press, 1985.

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---

[15] Maris, Brian A., and Fayed A. Elayan. Capital Structure and the Cost of Capital for Untaxed Firms: The Case of REITs. *AREUEA Journal* 18(1990): 22–39.

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---

[16] Miller, Merton H. Debt and Taxes. *The Journal of Finance* 32(1977): 261–275.

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---

[17] Modigliani, Franco, and Merton H. Miller. The Cost of Capital, Corporation Finance and the Theory of Investment. *American Economic Review* 48(1958): 261–297.

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---

[18] Modigliani, Franco, and Merton H. Miller. Corporate Income Taxes and the Cost of Capital: A Correction. *American Economic Review* 53(1963): 433–443.

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---

[19] Myers, Stewart C. Determinants of Corporate Borrowing. *Journal of Financial Economics* 5(1977): 147–175.

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[22] Titman, Sheridan, and Roberto Wessels. The Determinants of Capital Structure Choice. *The Journal of Finance* 43(1988): 1–20.

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