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Why did the Tariff–Growth Correlation Change after 1950?

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partners' tariffs were moderately higher and retaliation was the best strategy. The world environment matters. Leader-country reaction to big world events matters.

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Century,' *European Economic Review* 3(November), 211–245.

Baldwin, R. E., and R. Forslid. (2000). 'Trade Liberalisation and Endogenous Growth: A *q*-Theory Approach,' *Journal of International Economics* 50, 497–517.

[Google Scholar](#)

Ben-David, D., and M. B. Loewy. (1998). 'Free Trade, Growth, and Convergence,' *Journal of Economic Growth* 3, 143–170.

[Google Scholar](#)

Bhagwati, J., and A. O. Krueger (eds.). (1973–1976). *Foreign Trade Regimes and Economic Development*, multiple volumes with varying authorship. New York:

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Dixit, A. (1987). 'Strategic Aspects of Trade Policy.' In Truman F. Bewley (ed.), *Advances in Economic Theory: Fifth World Congress*. New York: Cambridge University Press.

Dollar, D. (1992). 'Outward-Oriented Developing Economies Really Do Grow More Rapidly: Evidence from 95 LDCs, 1976-1985,' *Economic Development and Cultural Change* 40(April), 523-544.

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Greenaway, D., W. Morgan, and P. Wright. (2002). 'Trade Liberalisation and Growth in Developing Countries,' *Journal of Development Economics* 67, 229–244.

[Google Scholar](#)

Grossman, G. M., and E. Helpman. (1991). *Innovation and Growth in the Global Economy*. Cambridge, MA: MIT Press.

[Google Scholar](#)

Hadi, A. S. (1992). 'Identifying Multiple Outliers in Multivariate Data,' *Journal of the Royal Statistical Society Series B* 54, 761–771.

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Irwin, D. A. (2002). 'Did Import Substitution Promote Growth in the Late Nineteenth Century?' NBER Working Paper 8751, National Bureau of Economic Research, Cambridge, MA (February).

[Google Scholar](#)

Irwin, D. A., and M. Terviö. (2002). 'Does Trade Raise Income? Evidence from the Twentieth Century,' *Journal of International Economics* 58(1), 1–18.

[Google Scholar](#)

Judson, R. A., and A. L. Owen. (1999). 'Estimating Dynamic Panel Data Models: A Guide for Macroeconomists,' *Economic Letters* 65, 9–15.

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Lindert, P. H., and J. G. Williamson. (2003). 'Does Globalization Make the World More Unequal?' In M. Bordo, Alan M. Taylor, and Jeffrey G. Williamson (eds.), *Globalization in Historical Perspective*. Chicago: University of Chicago Press for NBER.

[Google Scholar](#)

Nickell, S. (1981). 'Biases in Dynamic Models with Fixed Effects,' *Econometrica* 49, 1417-1426.

[Google Scholar](#)

O'Rourke, K. H. (1997). 'Measuring Protection: A Cautionary Tale,' *Journal of Development Economics* 53, 169-183.

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Rodríguez, F., and D. Rodrik. (2001). 'Trade Policy and Economic Growth: A Skeptic's Guide to the Cross-National Evidence.' In Ben Bernanke and Kenneth S. Rogoff (eds.), *Macroeconomics Annual 2000*, Cambridge, MA: MIT Press for NBER.

[Google Scholar](#)

Sachs, J. D., and A. Warner. (1995). 'Economic Reform and the Process of Global Integration,' *Brookings Papers on Economic Activity* 1, 1-118.

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Vamvakidis, A. (2002). 'How Robust Is the Growth-Openness Connection? Historical Evidence,' *Journal of Economic Growth* 7, 57-80.

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Center for Global Development, 1776 Massachusetts Avenue, NW, Suite 301, Washington DC, 20036, USA

Michael A. Clemens

Department of Economics, Harvard University, Cambridge, MA, 02138, USA

Jeffrey G. Williamson

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