

623 Views | 11 CrossRef citations to date | 0 Altmetric

Research articles

Inflation variability and the relationship between inflation and growth

Raghendra Jha  & Tu Ngoc Dang

Pages 3-17 | Received 18 Jul 2011, Accepted 22 Jul 2011, Published online: 14 Dec 2011

 Cite this article  <https://doi.org/10.1080/17520843.2011.608371>

Sample our
Global Development
Journals

>> **Sign in here** to start your access
to the latest two volumes for 14 days



 Full Article  Figures & data  References  Citations  Metrics

 Reprints & Permissions

Read this article

 Share

Abstract

We examine the effect of inflation variability and economic growth using annual historical data on both developing and developed countries. The data cover 182 developing countries and 31 developed countries for the period 1961–2009. Proxying inflation variability by the five-year coefficient of variation of inflation, we obtain the following results: (1) For developing countries, there is significant evidence to suggest that when the rate of inflation exceeds 10% inflation variability has a negative effect on economic growth. (2) For developed countries, there is no significant evidence that inflation variability is detrimental to growth.

Keywords:

inflation

growth

threshold

variability

C51

E31

E58

O40

[< Previous article](#)

[View issue table of contents](#)

[Next article >](#)

Notes

1. A comprehensive literature review on this topic can be obtained from Li (2006).
2. Which is based on Hansen (1999).

Related research

People also read

Recommended articles

Cited by
11

[Economic development and inflation: a theoretical and empirical analysis >](#)

André Roncaglia de Carvalho et al.
International Review of Applied Economics
Published online: 18 Jul 2017



Information for

[Authors](#)

[R&D professionals](#)

[Editors](#)

[Librarians](#)

[Societies](#)

Opportunities

[Reprints and e-prints](#)

[Advertising solutions](#)

[Accelerated publication](#)

[Corporate access solutions](#)

Open access

[Overview](#)

[Open journals](#)

[Open Select](#)

[Dove Medical Press](#)

[F1000Research](#)

Help and information

[Help and contact](#)

[Newsroom](#)

[All journals](#)

[Books](#)

Keep up to date

Register to receive personalised research and resources by email



Sign me up



Copyright © 2026 Informa UK Limited [Privacy policy](#)

[Cookies](#) [Terms & conditions](#) [Accessibility](#)

Registered in England & Wales No. 01072954
5 Howick Place | London | SW1P 1WG



Taylor & Francis
by informa