

"A man is
great by
deeds, not by
birth"
-Chanakya

Welcome to IIMK



INDIAN INSTITUTE OF MANAGEMENT KOZHIKODE



Working Paper

IIMK/WPS/617/ECO/2024/08

March 2024

Calamities hit girl children harder: Evidence from rural India

Chitwan Lalji ¹

© All rights belong to their respective author.
Please contact the corresponding author for queries.

¹Assistant Professor, Economics Area, Indian Institute of Management Kozhikode, IIMK Campus PO, Kunnamangalam, Kozhikode, Kerala 673 570, India; Email - chitwan@iimk.ac.in, Phone Number - 0495 2809251

Calamities hit girl children harder: Evidence from rural India

Abstract:

Using the second round of the India Human Development Survey (2011-12), I estimate the gaps in educational outcomes (namely reading ability, writing ability and arithmetic ability) between children residing in calamity hit villages and children residing in villages with no calamities. Here, calamities include village where calamities occurred in the past 6 years. I also study the gaps in educational outcomes by gender. Although the gaps in reading ability (dummy variable indicating the child is not able to read) is statistically insignificant, the results vary by gender. For male children, the reading ability gap is not statistically significant. However, for female children, the gaps are statistically significant. This indicates that regions affected by calamities affect children overall (when compared to children not hit by calamities). However, the reading abilities are lower for female children affected by calamities than female children not affected by calamities. On observing the arithmetic abilities (ability to recognise numbers) and writing abilities (ability to write), there exists significant gaps in educational outcomes, however, the results are statistically significant for female children, indicating the probability of not recognising numbers and probability of not writing are lower for female children hit by calamities than female children not hit by calamities.



भारतीय प्रबंध संस्थान कोषिककोड
Indian Institute Management Kozhikode
Globalizing Indian Thought

Research Office
Indian Institute of Management Kozhikode
IIMK Campus P. O.,
Kozhikode, Kerala, India,
PIN - 673 570
Phone: +91-495-2809237/ 238
Email: research@iimk.ac.in
Web: <https://iimk.ac.in/publications>

