

The Collaboration between Resident and Non-resident Patent Applicants as a Strategy to Accelerate Technological Advance in Developing Nations

Authors : Hugo Rodríguez

Abstract : Migrations of researchers, scientists, and inventors are a widespread phenomenon in modern times. In some cases, migrants stay linked to research groups in their countries of origin, either out of their own conviction or because of government policies. We examine different linear models of technological development (using the Ordinary Least Squares (OLS) technique) in eight selected countries and find that the collaborations between resident and nonresident patent applicants correlate with different levels of performance of the technological policies in three different scenarios. Therefore, the reinforcement of that link must be considered a powerful tool for technological development.

Keywords : development, collaboration, patents, technology

Conference Title : ICBAT 2022 : International Conference on Business Administration and Technology

Conference Location : Barcelona, Spain

Conference Dates : March 03-04, 2022