

Innovation Trends in South Korea

Authors : Mario Gómez, José Carlos Rodríguez

Abstract : This paper analyzes innovation trends in South Korea by means of the number of patent applications filed by residents and nonresidents during the period 1965 to 2012. Making use of patent data released by the World Intellectual Property Organization (WIPO), we search for the presence of multiple structural changes in patent application series in this country. These changes may suggest that firms' innovative activity has been modified as a result of implementing some science, technology and innovation (STI) policies. Accordingly, the new regulations implemented in this country in the last decades have influenced its innovative activity. The question conducting this research is thus how STI policies in South Korea have influenced its innovation activity. The results confirm the existence of multiple structural changes in the series of patent applications resulting from alternative STI policies implemented during these years.

Keywords : econometric methods, innovation activity, Korea, patent applications, science, technology and innovation policy, STI

Conference Title : ICEB 2014 : International Conference on Economics and Business

Conference Location : Los Angeles, United States

Conference Dates : September 29-30, 2014