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TITLE: STRUCTURAL DIVERSITY AND ECONOMIC DEVELOPMENT

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ABSTRACT:

In the last times Network Theory has emerged as a rigorous methodology to analyse the structural characteristics of complex systems, that can be applicable to economics. There have also been criticisms doubting about its contribution to the knowledge already obtained from the traditional Input-Output theory. This paper compares the results obtained from traditional input-output measures and from Network indicators. Data correspond to Input-Output tables from twenty two countries, with different development level, in 2000. It will be shown that both methodologies (Input-Output and Network) imply complementary techniques offering richer conclusions. The use of Network Theory allows for a better understanding of the structural differences that can be related to economic development.