

Construction of a Time Series of NUTS2 Regional Input-Output Tables for the EU Embedded in Global Input-Output Tables

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Author: Bart LOS

Co-Authors: Mark Thissen, Maureen Lankhuizen

Already before the relatively recent surge in the availability of global input-output tables to study the structures of value chains and the role countries play in these, the case study-based literature on the emergence of global value chains (GVCs) acknowledged the opportunities and threats posed by these GVCs for the prosperity of regions defined at the subnational level. Some input-output researchers have integrated official data at regional level for one specific country with global input-output tables (we know of such attempts for Brazil, China and Italy). In this presentation, we will present a novel database that incorporates data from Eurostat's regional statistics, survey-based regional supply and use tables/input-output tables, transportation data and the World Input-Output Database (WIOD, 2013 release) and presents global input-output tables with regional detail (at NUTS2 level) for almost all EU countries. The data is available for the period 2000-2010. Attention will be paid to some of the most important strengths and weaknesses of the construction procedure, and empirical results for several indicators of regional GVC participation will be discussed.