

Combining standard TiVA indicators towards a single exposure indicator

Topic: Input-Output Analysis: Trade and Global Value Chains Policies - III

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Developed by the European Commission, FIGARO stands for "Full International and Global Accounts for Research in input-Output analysis" and comprises the EU inter-country supply, use and input-output tables (EU IC-SUIOTs). FIGARO tables are currently Eurostat's official statistics, available for the period 2010-2020 and produced in an annual basis. The Single Exposure Indicator combines two well-known TiVA indicators in a single and consistent format, to identify all key dependences in bilateral trade among partners. The novelty of this research relies on the data (FIGARO 64 industry-by-industry multi-regional input-output table for 45 countries plus 1 region) and methods (brand new TiVA indicator). Using the FIGARO database and the Single Exposure Indicator combined allows global value chains to be analysed providing interesting results to policy-makers, related to dependences, potential risks and vulnerabilities of countries at the industry level.