



MEASURING
CROSS-BORDER ECONOMIC
and **FINANCIAL LINKAGES**
in a Dynamic World

#StatsForum



Understanding Supply Chains in OECD Countries from VAT Transaction Data

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A Challenging Five Years...

- **Supply chain disruptions due to**
 - The pandemic early lockdowns
 - Climate shocks – floods and wildfires in Europe
 - Tariffs
- **Spike in energy costs found firms exposed to the shock through the energy efficiency of their suppliers**

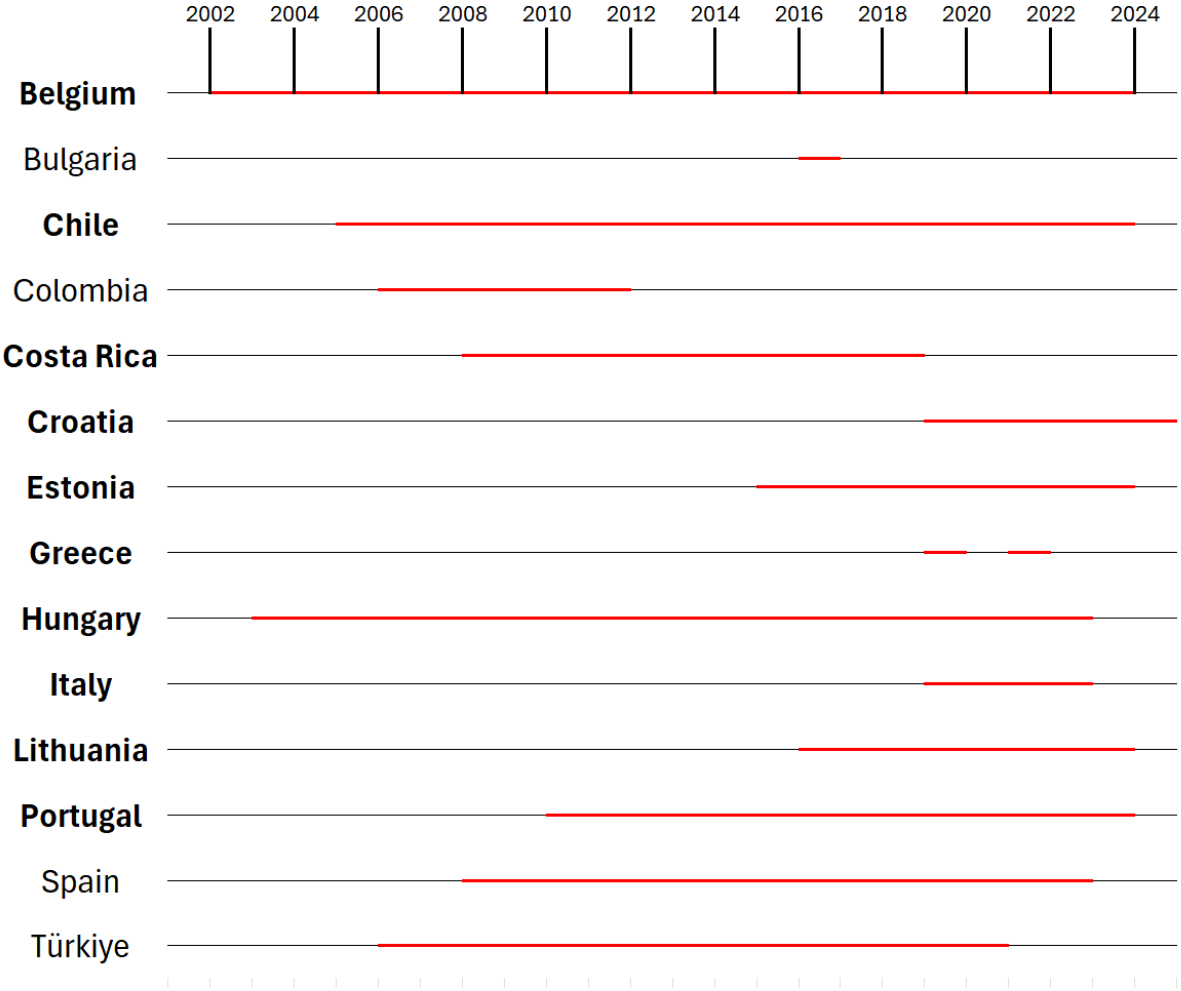
A Pressing Data Gap

- **We cannot respond to what we cannot measure**
- **Data availability means we do not observe:**
 - How firms are connected
 - How diversified they are
 - How exposed they are to risks in production networks and
 - How they influence each other through these relationships

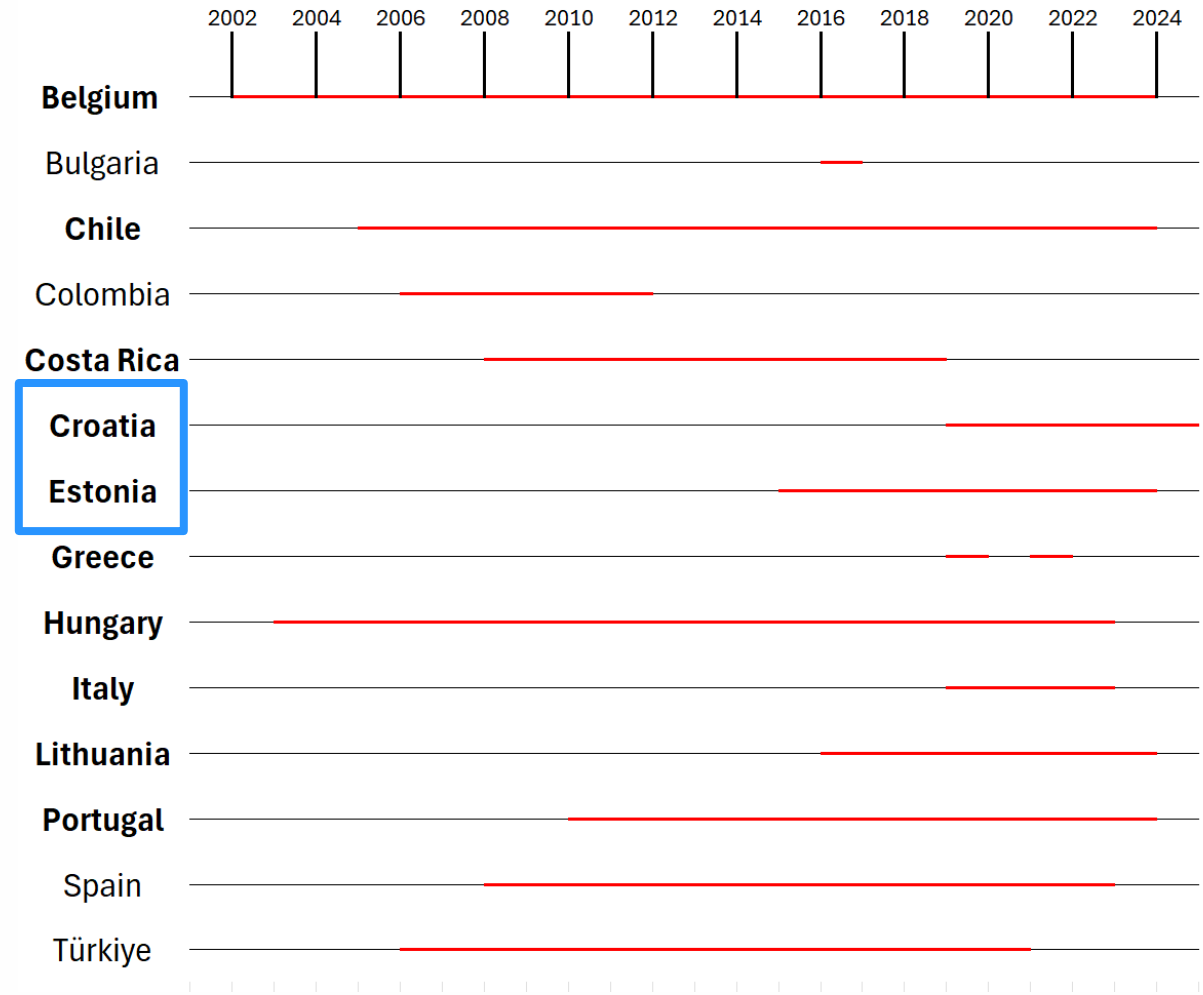
LIFT leverages firm-to-firm transaction data for policy analysis

- **Transaction data is often available as a result of VAT systems, allowing one to observe firm-to-firm relationships.**
- **The OECD and DG Grow launched LIFT (Leveraging Inter-Firm Transactions) in the beginning of 2025.**
- **The objective is to make VAT data a part of the policymaker's toolkit.**

THE LIFT NETWORK



THE LIFT NETWORK



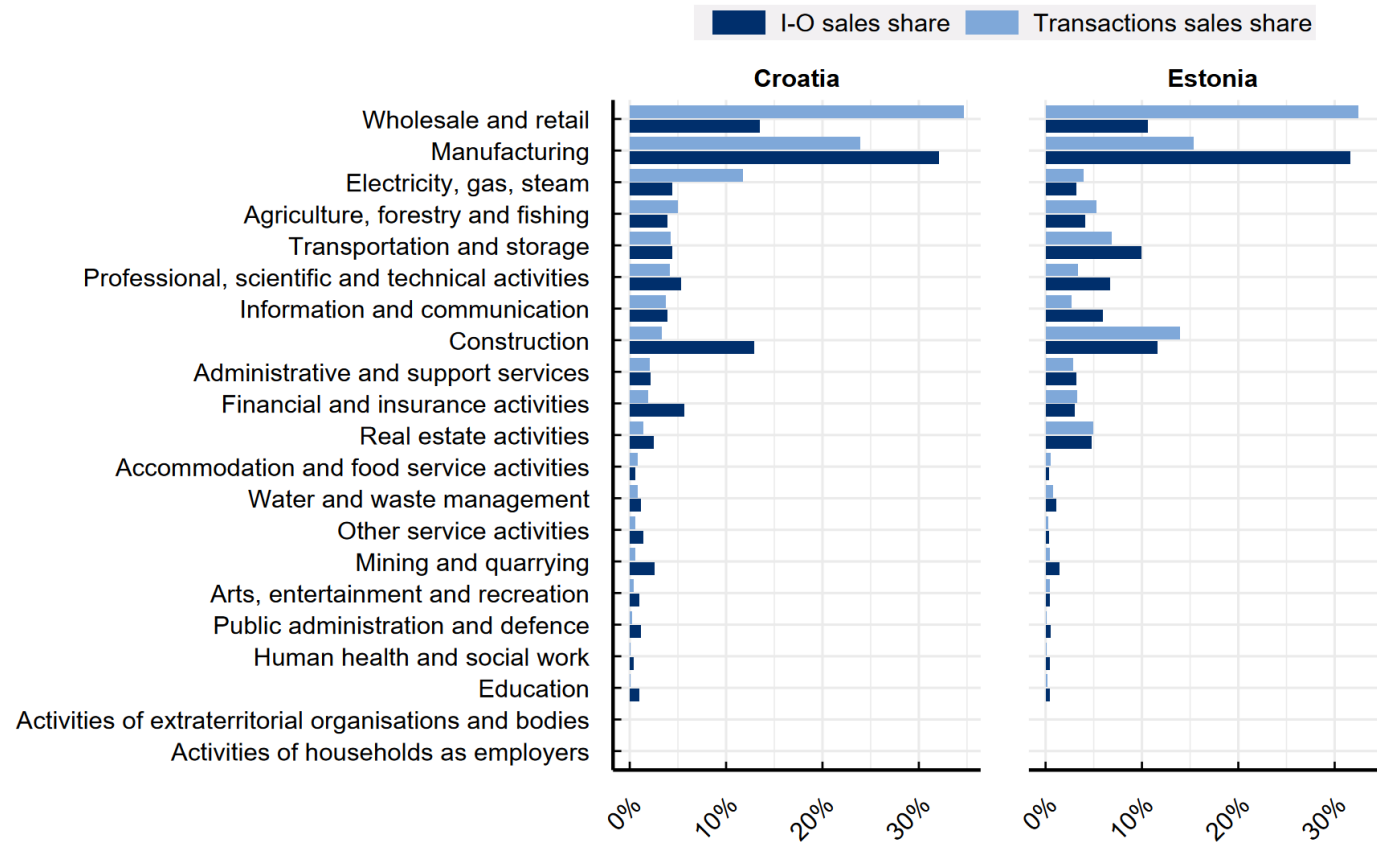
Is VAT Data Representative?

	GDP	GDP growth rate	GVA	GVA growth rate
<u>Croatia</u> (2019-2024)	0.974 (0.001)	0.852 (0.067)	0.978 (<0.001)	0.890 (0.043)
<u>Estonia</u> (2013-2023)	0.460 (0.181)	0.617 (0.077)	0.472 (0.169)	0.657 (0.054)

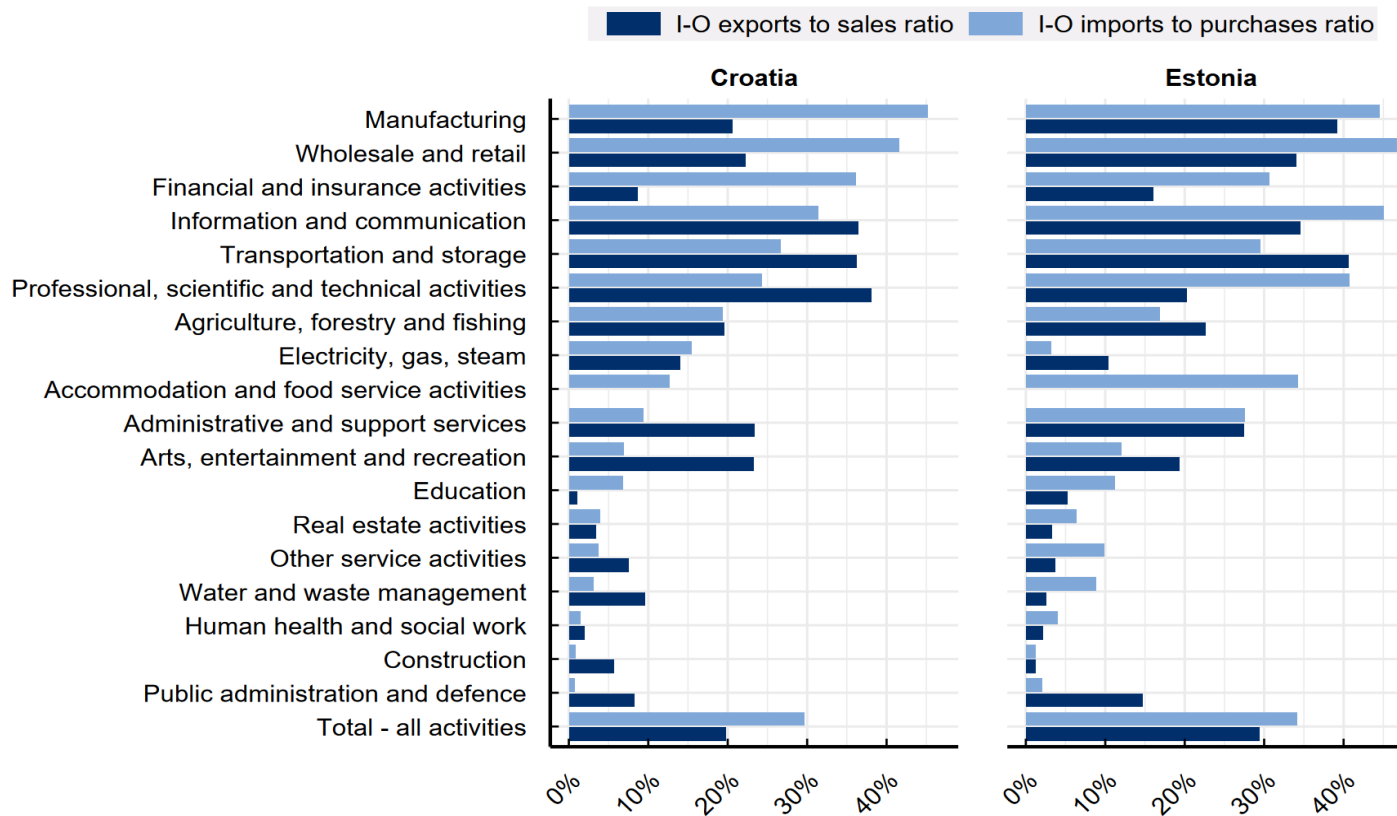
Note: Pearson correlations (and p-values) between yearly total sales in VAT to yearly GDP and GVA, and between their yearly growth rates.

Source: VAT transactions data, OECD Database (n.d.^[4]), Annual GDP and Components - Output Approach, author's calculations.

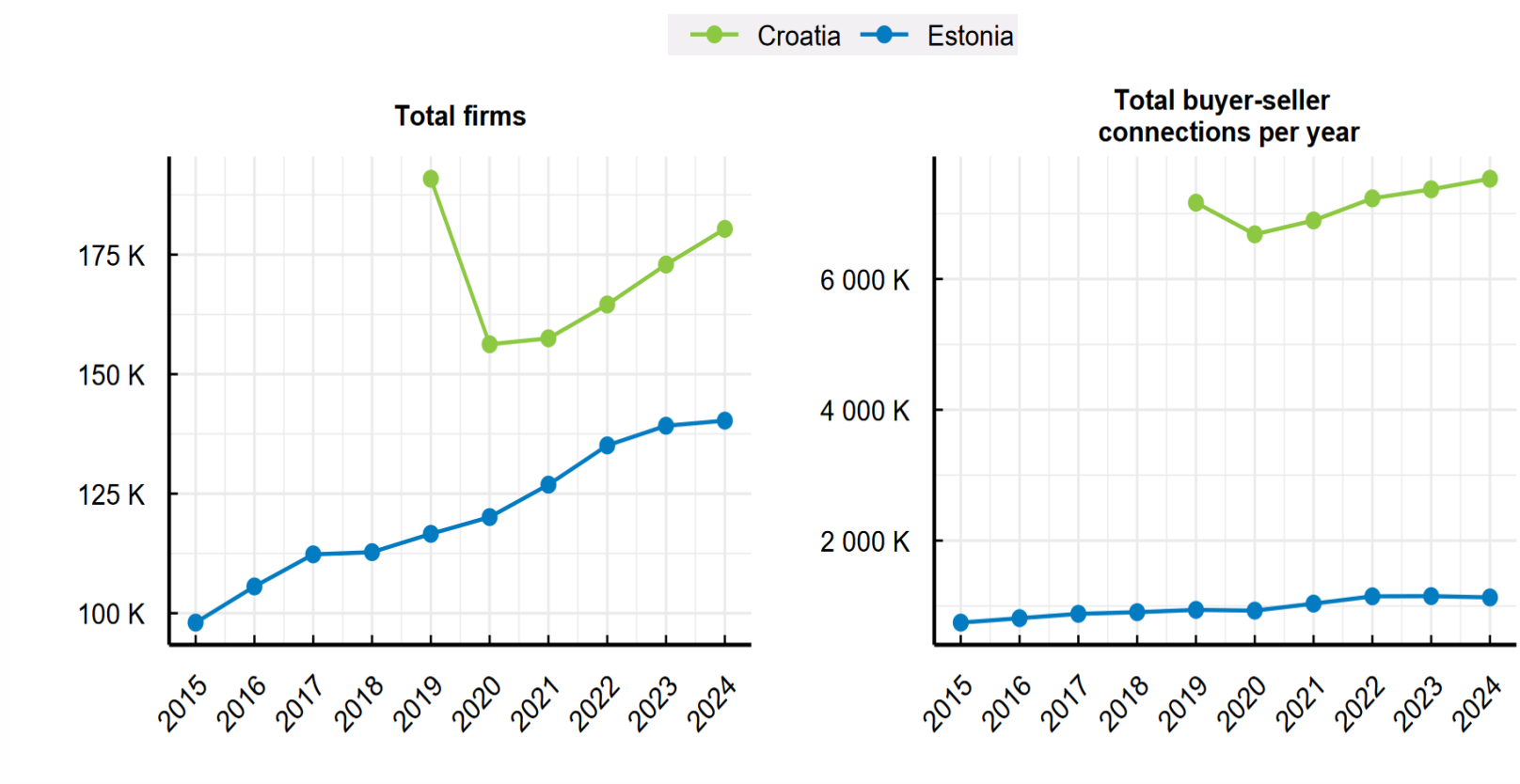
Is VAT Data Representative?



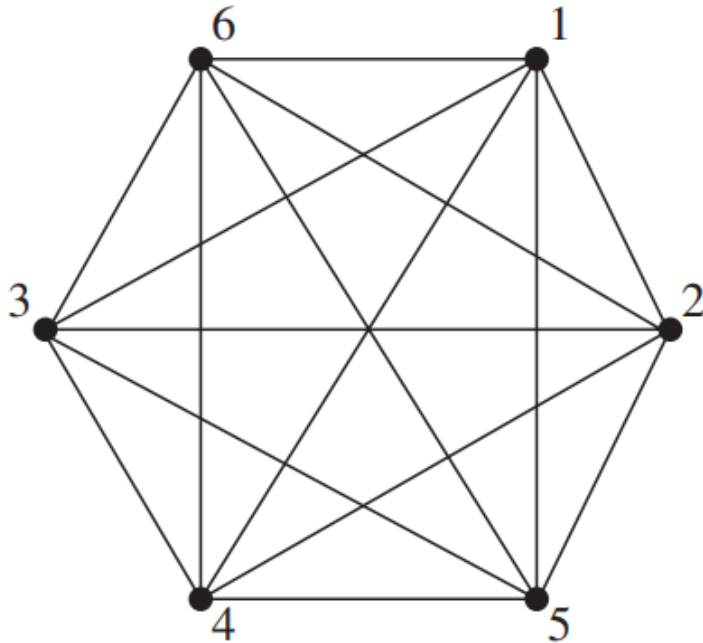
VAT Data and Cross-Border Transactions



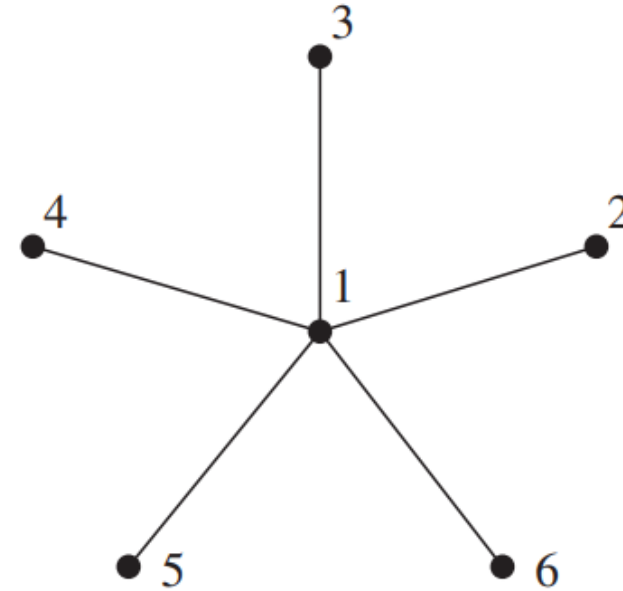
Production Network Size



Why Does Structure Matter?



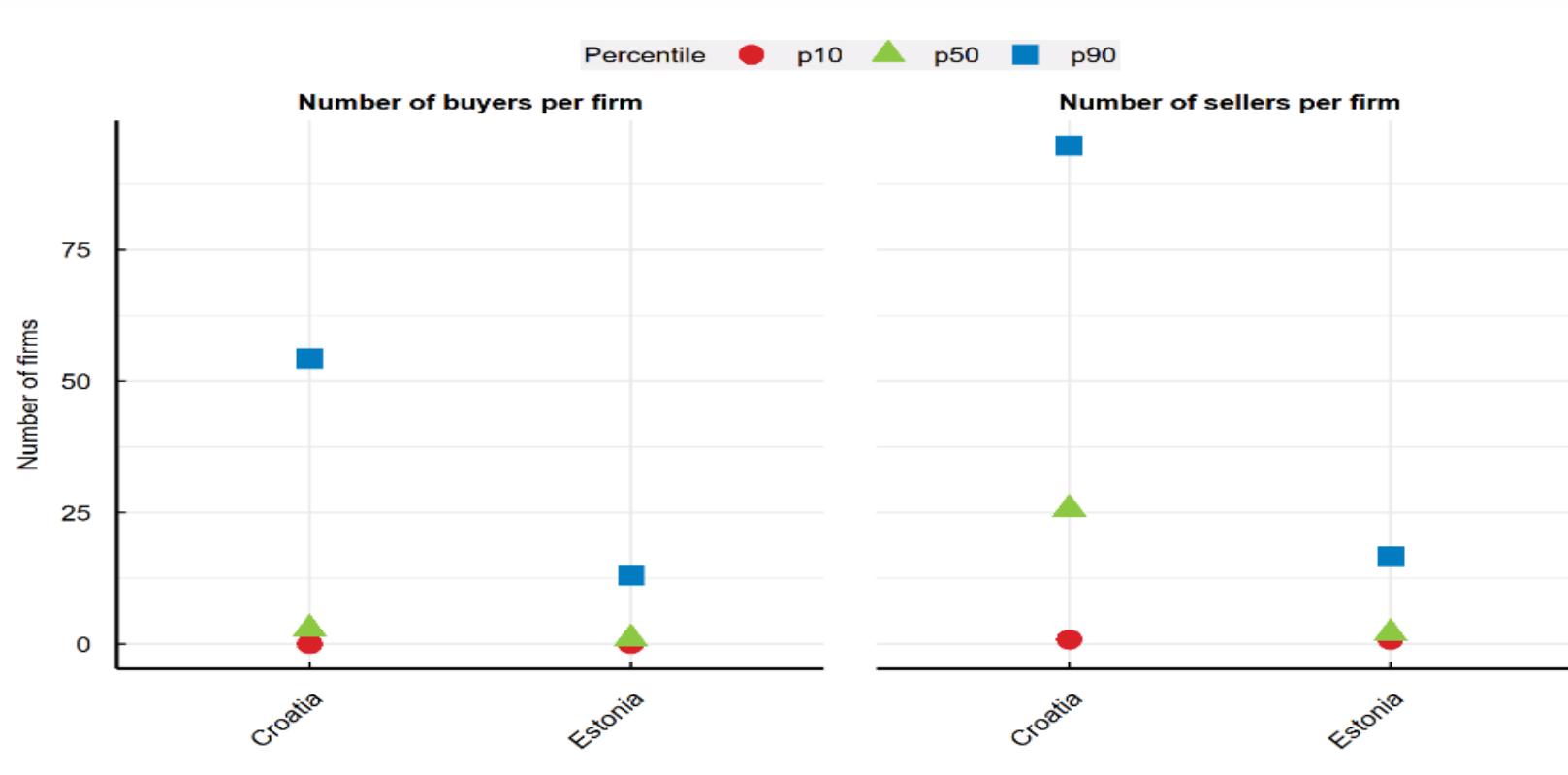
Semiconductors



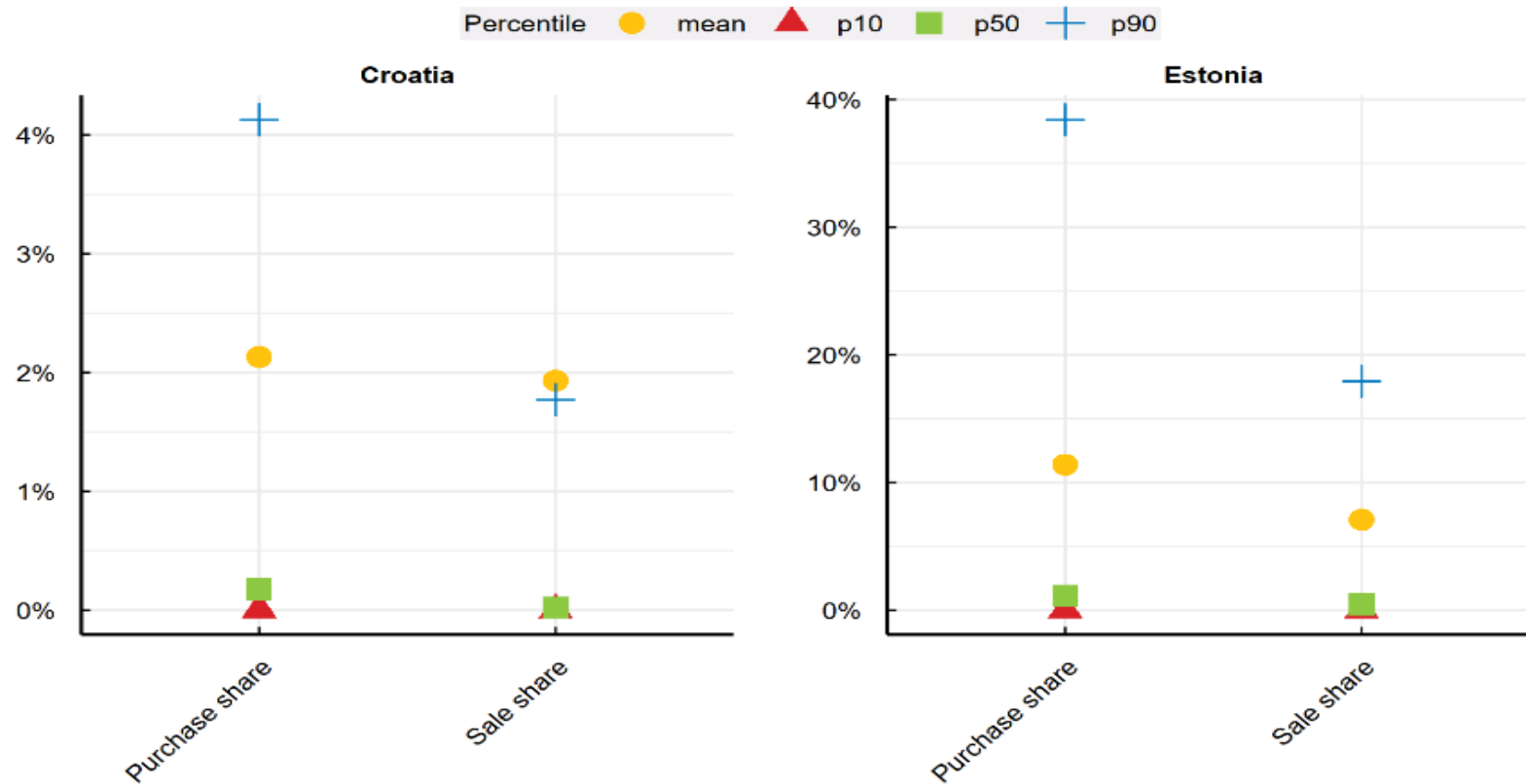
EV battery manufacturers

Source: [Jackson 2010](#)

Production Network Structure



Strength of Buyer-Supplier Relationships



Next Steps and Wider Ambition

- A cross-country report evaluating the structure of production networks across OECD countries.
- Potential to explore their importance for productivity and supply chain resilience.
- Exploring options for the integration of these datasets for a more complete picture of OECD supply chains (EU Single market, Mercosur).

Thank You!

[LIFT Website](#)

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