The Technical Support

Instrument: First six months

Filippo di Mauro (*)
Co-director TSI Program and Chairperson of CompNet (www.comp-net.org)

Steering Committee
21/04/2023

(*) We are grateful to Daniele Aglio and Marco Matani for their excellent help
TSI: Where do we stand

- The **1st TSI Workshop in Lisbon** has been a great chance to exchange views on **common projects** and kick-off the work.

- Since then, **ongoing interactions** to develop collaboration.

- **Two key features** of the assistance we provide are:
  - CompNet Training
  - Setting a common Research Agenda
So far, we provide a **self-guided program**:

- Available online for the 8th vintage of data.
- Divided into 3 modules: Beginners, Intermediate, Advanced.

**TSI countries involvement:**

<table>
<thead>
<tr>
<th>Beginners</th>
<th>Intermediate</th>
<th>Advanced</th>
</tr>
</thead>
<tbody>
<tr>
<td>All countries completed it.</td>
<td><strong>France</strong> and <strong>Portugal</strong> worked on it; <strong>Slovenia</strong> completed it.</td>
<td><strong>Portugal</strong> worked on it; <strong>Slovenia</strong> completed it.</td>
</tr>
</tbody>
</table>

**Evaluation from our side:** with the exception of Slovenia, we did not receive any feedbacks. Does it mean that everything was alright? Were there any difficulties?

**What’s your thought?**
1) THE PRODUCTIVITY PUZZLE REVISITED: FIRM PERFORMANCE POST COVID-19

Main items:

- Heterogeneity in firm performance by size, sector, and country dimensions
- Use micro-aggregated data to estimate the output gap

Actions:

- Completed literature review and preliminary analysis
- Analytical tasks in collaboration with the contributing NPB
- Collaborating NPB: Urška Čede (Slovenia, IMAD)
2) THE EU THROUGH GLOBAL CHALLENGES: FIRM AND COUNTRY COMPETITIVENESS

Main items:
- Trade and GVC developments, contribution of exporters to productivity
- Reproduce the Enterprise Competitiveness Indicator on CompNet together with the Portuguese team (GEE and BOP)
- Market concentration building on previous CompNet publications

Actions:
- Completed literature review and early analysis
- Selecting variables for the Indicator with the PT team
- Moving on with the research tasks
- Collaborating NPB: Eva Pereira (Portugal, GEE) and BOP Economists
3) RESOURCE REALLOCATION AND FIRM DYNAMISM OVER THE BUSINESS CYCLE

Main items:

- **Efficiency in resource allocation** across countries and over the business cycle
- Relate cross-country differences in **firm dynamism** to specific institutional features of the respective labor markets

Actions:

- Completed literature review and **preparatory analysis**
- Collaborating with Slovenian colleagues to **extend the study on MDI data**
- **Collaborating NPB:** Urška Lušina (Slovenia, IMAD)
Common Research Agenda: Topic 4

4) ENERGY USE AMID CLIMATE TRANSITION AND DISRUPTED SUPPLY LINES

Main items:
- Impact of energy price shocks on several firm dimensions
- Reaction of firms to energy price shocks (pass-through to consumers, margin compression, other costs reduction, or increased energy efficiency?)

Actions:
- Completed literature review
- Analytical tasks coordinating with the contributing NPB
- Collaborating NPB: Urška Čede (Slovenia, IMAD)
Common Research Agenda: Topic 5

5) CONSTRAINED SMEs

Main items:
- Characteristics of firms affected by credit constraints and their impact on productivity

Actions:
- Completed literature review
- Setting up the analytical framework
- Together with Slovak colleagues, trying to extend the investigation to additional micro-level data on financial transactions
- Collaborating NPB: Ján Šebo (Slovakia, GOV)
Common Research Agenda: Output

- **The 2023 CompNet Productivity Report**
  
  "European firms navigating multiple crises"

  - Recently circulated Report Outline with detailed research program
  - 5 chapters on Productivity, Competitiveness, Reallocation, Energy, SMEs, plus ad-hoc boxes
  - Will highlight the *stylized facts from the 9th Vintage* as discussed and in collaboration with contributing TSI participants/NPBs

- **Further research projects (in parallel and on top of Report)**

  - Longer gestation
  
  - Examples: Output Gap, Competitiveness Indicator (PT), Energy (DE and FR), SMEs (SK)
  
  - Publications delivered in the medium/long run (for instance, next workshops)

---

Are you already collaborating? If not, are you interested in any of the topics?
Common Research Agenda: Timeline

**2023**

- **1st TSI Workshop**
  - February 24
  - Kick-off common research projects

- **Draft Report**
  - June 15

- **2nd TSI Workshop**
  - June 22-23
  - Discuss and finalize (short-term) common research projects

- **Final Report**
  - June 30

- **Send the Report**
  - July 7

- **3rd TSI Workshop**
  - October 19
  - Discuss (long-term) common research projects

**2024**

- **4th TSI Workshop**
  - February

- **5th TSI Workshop**
  - June

- **6th TSI Workshop and end of the Program**
  - October
## Micro Data Infrastructure (MDI)

<table>
<thead>
<tr>
<th>Country</th>
<th>Fully Established</th>
<th>Advanced Preparation</th>
<th>Contract Signed</th>
<th>Not Started</th>
</tr>
</thead>
<tbody>
<tr>
<td>Austria</td>
<td></td>
<td></td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Finland</td>
<td></td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>France</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Germany</td>
<td></td>
<td></td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Latvia</td>
<td></td>
<td></td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Netherlands</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Portugal</td>
<td></td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Slovenia</td>
<td></td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Slovakia</td>
<td></td>
<td></td>
<td></td>
<td>X</td>
</tr>
</tbody>
</table>
Conclusions

- Collaboration with TSI participants and NPBs on common research projects is in full swing

- Encouraging evidence from early analysis on the 9th CompNet Vintage

- We are gathering every four months to liaise on topics of mutual interest

- We encourage you to join one or more projects

- Looking forward to hearing your feedback!
Important Links

- TSI Website
- The 2023 CompNet Productivity Report Outline