Data Preparation Package – Feedback and Results
Data Preparation Package – Feedback and Results

1. Introduction

2. Results – Data Availability

3. Feedback and Questions

4. Concluding Remarks
1. Introduction
Introduction – 7th CompNet Data Collection

The 7th CompNet Data Collection – Split in two

Data Preparation

Code Running + Collection

2nd Data Provider Forum

Happy we did it! ➔ We do have quite a lot to talk about!
Introduction – Data Preparation Package

Data Preparation Package

Raw Variable Definitions

Trade Questionnaire

Guidelines

Questionnaire

Population Measure Package

Checklist

Confidentiality Agreement

→ In the Code Package
Introduction – Feedback and Comments

15 out of 19 countries send us their questionnaires and comments

Received numerous feedback and comments

Thank you!
2. Results – Data Availability
Data Availability – Country Overview

Availability of Variables by Country

- Variables covered
- Not Covered

Belgium
Czech Republic
Denmark
Finland
France
Hungary
Lithuania
Netherlands
Poland
Portugal
Slovakia
Spain
Sweden
Switzerland
Turkey
Stock variables: mostly yearly average versus variable at particular point in time (in some cases simplified third-best)

Flow variables: turnover, intermediate inputs at factor costs and basic prices (others: simplified second-best or even third-best)

Trade variables: factor cost (export), basic prices (import)

* 12 countries covered
Definitions – Stock Variables

Stock variables by definition

- First Best: 18%
- Second Best: 51%
- Third Best: 21%
- Other: 10%
- Unknown: 0%
Availability of raw variables  7th vintage I

Availability stock variables

- Other current liabilities
- Accounts payable
- Short-term debt
- Current liabilities
- Other non-current liabilities
- Long-term debt
- Non-current liabilities
- Total shareholder funds (equity)
- Total assets
- Other current assets
- Accounts receivable
- Total inventories
- Cash and cash equivalents
- Current assets
- Other fixed assets
- Intangible fixed assets
- Capital
- Fixed assets

0% 20% 40% 60% 80% 100% 120%
Availability of raw variables 7th vintage II

Availability flow variables

- Dividends
- Cash flow (from profit/loss statement)
- Profits and losses before taxes
- Depreciation
- Interest paid and financial charges
- Operating profit/loss (EBIT)
- R&D expenditures
- Intermediate inputs
- Labour cost
- Turnover
Availability of raw variables 7th vintage III

Availability trade variables

- Imports from intra-EU
- Imports from extra-EU
- Import value
- Exports to intra-EU
- Exports to extra-EU
- Export value

Availability structural variables

- Number of firms in the population in a given sector and sizeclass
- NUTS2
- Sector
Availability of newly introduced raw variables  7\textsuperscript{th} vintage

New 7th Vintage Variables

- Share of skilled labour
- Public or non-profit enterprise
- Legal form
- Collective bargaining
- Foreign ownership
- Firm's exit year
- Firm's birth year
- Imports from intra-EU
- Imports from extra-EU
- Exports to intra-EU
- Exports to extra-EU
- R&D expenditures
- Intangible fixed assets

Will be discussed in detail in the 3\textsuperscript{rd} Session Tomorrow
3. Feedback and Questions
Data Provider Feedback - General

- End-of-period information in many countries for balance sheet data, average values for others
- Factor cost versus basic prices versus market prices: different treatment of non-VAT taxes for retailers and producers
- Dealing with imputed raw data - flagging
Data Provider Feedback – Questionnaire I

- One single input database or multiple input datasets?
- Calculation of value added as turnover – intermediate inputs: How to deal with goods for resale?
- Intermediate inputs: inclusion of energy costs?
More narrow definition of “cash and cash equivalents” if certain positions are unavailable?

How to deal with “Unpaid capital contribution”: include it under total assets or ignore it?

“Advance payment on acquiring fixed assets” (deposits): under fixed assets or other current assets?
Data Provider Feedback – Questionnaire III

- Distinction between current (short-term) and non-current (long-term) liabilities

- Meaning of 50 “variable containing the number of firms in the population in a given NACE 2 2-digit sector and size class”

- Definition of “Foreign Ownership” according to EU regulations?

- Public + private non-profit organization ownership
Received several Questions regarding the new weighting procedure and the supply of population measures

Motivation

• Same definitions based on business registers → increased comparability
• More representative --> new distributions based 2-digit industry level and size class
New Weighting Procedure - Questions

- Access to business registers
- Concerns regarding quality of business registers → Settle for structural business statistics
- Available period
- Target population
Data Provider Feedback - Trade

- Availability of thresholds
- Limited time period
FTE VS Headcount

- What to do if headcount is not available?
- Imputing headcount data with FTE values?
Discussion - Newly introduced raw variables 7th vintage

New 7th Vintage Variables

- Share of skilled labour
- Public or non-profit enterprise
- Legal form
- Collective bargaining
- Foreign ownership
- Firm’s exit year
- Firm’s birth year
- Imports from intra-EU
- Imports from extra-EU
- Exports to intra-EU
- Exports to extra-EU
- R&D expenditures
- Intangible fixed assets
4. Concluding Remarks
Concluding Remarks

- Significant improvements in terms of
  - Applied homogeneous definitions
  - Data coverage
  - Availability of information about data characteristics

- Next session tomorrow: **Potential Extensions**
  - Start: 9:15 (after Coffee)
We are happy to see you at 18:15 in the Hallesches Brauhaus

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